

Mission Statement

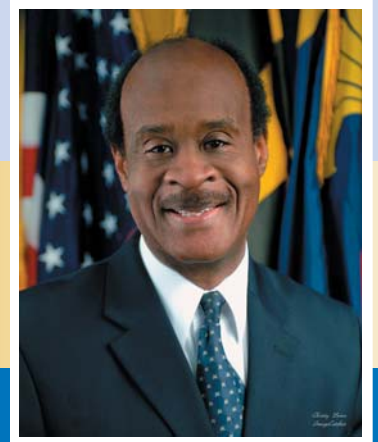
MONTGOMERY COUNTY GOVERNMENT

WE pursue the common good by working for and with Montgomery County's diverse community members to provide:

- A Responsive and Accountable County Government
- Affordable Housing in an Inclusive Community
- An Effective and Efficient Transportation Network
- Children Prepared to Live and Learn
- Healthy and Sustainable Communities
- Safe Streets and Secure Neighborhoods
- A Strong and Vibrant Economy
- Vital Living for All of Our Residents

AS dedicated public servants, the employees of the Montgomery County government strive to embody in our work these essential values:

- Collaboration
- Inclusiveness
- Knowledge
- Competence
- Innovation
- Respect for the Individual
- Fiscal Prudence
- Integrity
- Transparency



Isiah Leggett
ISIAH LEGGETT



About Montgomery County

Montgomery County was established by the State Convention in 1776, and from its establishment until 1948, the Montgomery County government functioned under the County Commission system. In 1948, the voters adopted a charter giving the County home rule and a council-manager form of government. In 1968, the voters approved a new charter providing for separate legislative and executive branches of government, with legislative power vested in an elected County Council and executive power in an elected County Executive. The new charter became effective with the election of the County Executive and Council in November 1970. The Montgomery County Council is composed of nine members, four of whom are elected by all voters in the County. The remaining five Councilmembers are each elected from one of five Councilmanic districts.

Montgomery County contains 492 square miles (or 314,713 acres) of land area. The County population was 1,030,447 as of July 2014, consisting of 46.0 percent White (non-Hispanic) and 54.0 percent cultural minorities. About 32.4 percent of Maryland's foreign-born population resides in Montgomery County in 2014.

The 2014 median household income was \$98,704. According to the Bureau of Labor Statistics (BLS), the County's estimated labor force for September 2015 is 522,422 with an unemployment rate of 4.0 percent. Montgomery County is an employment center with 61.0 percent of employment occupied by persons residing and working in the County. For the 2015 Fall enrollment, 156,447 pupils were registered in the County's schools.

THIS PAGE INTENTIONALLY LEFT BLANK

FY17 Approved Capital Budget and FY17-22 Capital Improvements Program (CIP)

July 2016 ▪ Volume 2

Isiah Leggett, County Executive

County Council Members:

Nancy Floreen, President

Roger Berliner, Vice President

Marc Elrich

Tom Hucker

Sidney Katz

George Leventhal

Nancy Navarro

Hans Riemer

Craig Rice



Montgomery County, Maryland ▪ Office of Management and Budget



Credits

COUNTY EXECUTIVE

Isiah Leggett

CHIEF ADMINISTRATIVE OFFICER

Timothy L. Firestine

SPECIAL ASSISTANTS TO THE COUNTY EXECUTIVE

Constantia B. Latham, Joy Nurmi, Charles Short

ASSISTANT CHIEF ADMINISTRATIVE OFFICERS

Ramona Bell-Pearson, Fariba Kassiri, Bonnie A. Kirkland, Lily Qi

DIRECTOR, OFFICE OF MANAGEMENT AND BUDGET

Jennifer A. Hughes

DIRECTOR, DEPARTMENT OF FINANCE

Joseph F. Beach

DIRECTOR, OFFICE OF HUMAN RESOURCES

Shawn Stokes

DIRECTOR, OFFICE OF PUBLIC INFORMATION

Patrick Lacefield

OMB MANAGERS

Alex Espinosa, Coordinator, Operating Budget

Mary Beck, Jennifer Bryant, Scott Coble, Amy Wilson

PROFESSIONAL STAFF

Anita Aryeetey

Jacqueline Carter

Monika Coble

Rinosh Dantis

Felicia Ge

Rose Glavinic

Brady Goldsmith

David Gottesman

Robert Hagedoorn

Karen Hawkins

Dennis Hetman

Jason Hsu

Rachel Hsu

Sailaja Krishnamurthy

Deborah Lambert

Erika Lopez-Finn

David Mack

Bruce Meier

Rekha Menon

Naeem Mia

Jedediah Millard

Lenny Moore

Nancy Moseley

Jane Mukira

Christopher Mullin

Jennifer Nordin

Corey Orlosky

Courtney Orsini

Eliot Padison

David Platt

Pofen Salem

Crystal B. Sallee

Matt Schaeffer

Pamela Schroeder

Joby Sebastian

Rachel Silberman

Helen P. Vallone

Joshua Watters

Philip Weeda

Kimberly Williams

TECHNICAL SUPPORT

David Jeo

PRINTING

Richard D. Taylor and Staff: Gary T. Tillman, John W. Frocke, Michael Nieves, Nicholas Shell, John T. Whitcomb, John A. Schmehl, and Alex Imirie



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Montgomery County
Maryland**

For the Fiscal Year Beginning

July 1, 2015

Executive Director

The Government Finance Officers Association of the United States and Canada (GFOA) presented an award of Distinguished Presentation to Montgomery County Government, Maryland for its annual budget for the fiscal year beginning July 1, 2015.

In order to receive this award a governmental unit must publish a document that meets program criteria as a policy document, as an operations guide, as a financial plan, and as a communication device.

The award is valid for the period of one year only. We believe our current budget continues to conform to program requirements, and we are submitting it to GFOA to determine its eligibility for another award.



Table of Contents

Approved FY7 Operating Budget and FY17-22 Public Services Program

County Executive's Message

Budget Highlights**	1-1
How to Read the Budget	2-1
Operating Budget Process**	3-1
Fiscal Policy**	4-1
Revenues**	5-1
Capital Improvements Program (CIP)**	6-1
Debt Service	7-1
Workforce/Compensation**	8-1

Agency Summaries

Montgomery County Government	9-1
Montgomery County Public Schools	10-1
Montgomery College	11-1
Maryland-National Capital Park and Planning Commission	12-1
Housing Opportunities Commission	13-1
Revenue Authority	14-1
Washington Suburban Sanitary Commission	15-1

Legislative Branch

County Council	16-1
Board of Appeals	17-1
Inspector General	18-1
Legislative Oversight	19-1
Merit System Protection Board	20-1
Zoning and Administrative Hearings	21-1

Judicial Branch

Circuit Court	22-1
State's Attorney	23-1

General Government

County Executive	24-1
Board of Elections	25-1
Community Engagement	26-1
County Attorney	27-1
Ethics Commission	28-1
Finance	29-1
General Services*	30-1
Fleet Management Services	31-1
Human Resources	32-1
Human Rights	33-1
Intergovernmental Relations	34-1
Management and Budget	35-1
Procurement*	36-1
Public Information	37-1
Technology Services	38-1
Urban Districts	39-1

Public Safety

Consumer Protection*	40-1
Correction and Rehabilitation	41-1
Emergency Management and Homeland Security	42-1
Fire and Rescue Service*	43-1

Police	44-1
Sheriff	45-1

Transportation

Transportation	46-1
Parking District Services	47-1
Transit Services	48-1

Health and Human Services

Overview	49-1
Aging and Disability Services	50-1
Behavioral Health and Crisis Services	51-1
Children, Youth and Family Services	52-1
Public Health Services	53-1
Special Needs Housing	54-1
Administration and Support	55-1

Libraries, Culture, and Recreation

Community Use of Public Facilities	56-1
Public Libraries	57-1
Recreation	58-1

Community Development and Housing

Agriculture*	59-1
Economic Development*	60-1
Economic Development Fund	61-1
Housing and Community Affairs*	62-1
Permitting Services*	63-1

Environment

Environmental Protection	64-1
Solid Waste Services	65-1

Other County Government Functions

Cable Communications Plan	66-1
Liquor Control	67-1
Non-Departmental Accounts*	68-1
Utilities	69-1

Multi-Agency Initiatives

Pedestrian Safety	70-1
Positive Youth Development	71-1
Senior Initiative	72-1
Six-Point Economic Plan	73-1

Budget Summary Schedules

Multi-Agency Summaries (Schedules A)	74-1
Expenditures (Schedules B)	75-1
Revenues (Schedules C)	76-1
Workforce (Schedules D)	77-1
Property Taxes (Schedules E)	78-1
History (Schedules F)	79-1

Other

Synopsis of Changes	80-1
Operating Budget Resolutions	81-1

* Reflects reorganizations and/or new sections. Please refer to the specific sections for additional information

** Included only in the recommended version of the budget publication

MONTGOMERY COUNTY GOVERNMENT
APPROVED FY17 OPERATING AND CAPITAL BUDGETS
AND
APPROVED FY17-22 CAPITAL IMPROVEMENTS PROGRAM (CIP)

CIP COUNCIL RESOLUTIONS, SUMMARY SCHEDULES,
AND PROJECT DESCRIPTION FORMS (PDFs)

MESSAGE

County Executive
County Council President

HOW TO READ THE BUDGET 2-1

CIP BUDGET SUMMARY SCHEDULES

Explanation of Budget Summary Schedules	3-1
Expenditure and Funding Summary Schedules	3-3
All Agency Expenditures (CIP200 Report)	3-17
Expenditures Summary (CIP220 Report)	3-18
All Agency Funding Summary (CIP210)	3-20
Funding Detail by Revenue Source, Department/Agency, and Project (CIP260P2)	3-23

FY17 CAPITAL BUDGET AND CIP APPROVAL RESOLUTIONS

18-497	Approval of the FY 2017-2022 Capital Improvements Program, Approval of and Appropriation for the FY 2017 Capital Budget of the Montgomery County Government	4-1
18-498	Approval of the FY 2017-2022 Capital Improvements Program, and Approval of and Appropriation for the FY 2017 Capital Budget of the Montgomery County Public School System	4-14
18-499	Approval of the FY 2017-2022 Capital Improvements Program, and Approval of and Appropriation for the FY 2017 Capital Budget of Montgomery College	4-20
18-500	Approval of the FY 2017-2022 Capital Improvements Program, and Approval of and Appropriation for the FY 2017 Capital Budget of the Maryland-National Capital Park and Planning Commission	4-25
18-501	Authorizations for the FY 2017 Capital Budget of the Montgomery County Revenue Authority	4-31
18-502	Approval of FY 2017-2022 Capital Improvements Program of the Housing Opportunities Commission, and Approval of and Appropriation for the FY 2017 Capital Budget	4-37
18-503	Approval of the FY 2017 Aggregate Capital Budget for County General Obligation Bonds	4-43
18-504	Approval of the FY 2017 Aggregate Capital Budget for Maryland-National Capital Park and Planning Commission Bonds	4-44
18-505	Approval of the FY 2017 State Participation Projects	4-45
18-512	Approval of the FY 2017-2022 Capital Improvements Program for the Washington Suburban Sanitary Commission	4-52

MONTGOMERY COUNTY GOVERNMENT
APPROVED FY17 OPERATING AND CAPITAL BUDGETS
AND
APPROVED FY17-22 CAPITAL IMPROVEMENTS PROGRAM (CIP)

CIP COUNCIL RESOLUTIONS, SUMMARY SCHEDULES,
AND PROJECT DESCRIPTION FORMS (PDFs)

FY17 CAPITAL BUDGET AND CIP APPROVAL RESOLUTIONS (continued)

18-513	Approval of the FY 2017 Capital and Operating Budgets for the Washington Suburban Sanitary Commission	4-55
 COUNTY GOVERNMENT*		
	General Government	5-1
	Public Safety	6-1
	Transportation	7-1
	Health and Human Services	8-1
	Culture and Recreation	9-1
	Conservation of Natural Resources	10-1
	Housing and Community Development	11-1
 HOUSING OPPORTUNITIES COMMISSION		12-1
 REVENUE AUTHORITY		13-1
 MONTGOMERY COUNTY PUBLIC SCHOOLS		14-1
 MONTGOMERY COLLEGE		15-1
 MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION		16-1
 WASHINGTON SUBURBAN SANITARY COMMISSION		17-1
 INDEX OF CAPITAL PROJECTS		
	Alphabetic Index	18-1
	Numeric Index	19-1
	Planning Area Index	20-1

*County Government category Solid Waste Management does not have capital projects in the FY17-22 Capital Improvements Program.




OFFICE OF MANAGEMENT AND BUDGET

Isiah Leggett
County Executive

MEMORANDUM

July 15, 2016

TO: Interested Readers

FROM: Isiah Leggett, County Executive 

SUBJECT: FY17 Operating and Capital Budgets
FY17-22 Capital Improvements Program (CIP)

These volumes contain the Approved FY17 Operating and Capital Budgets and the FY17-22 Capital Improvements Program (CIP) for Montgomery County. In accordance with the law and after receiving my recommendations and the advice of interested parties through public hearings and other means, the County Council approved the budgets on May 26, 2016, for the fiscal year that begins on July 1.

The total Council approved FY17 Operating Budget from all sources of funds is \$5,301.8 billion, an increase of \$219.1 million or 4.3 percent from the Approved FY16 Budget. Because Capital Budget appropriations can be made for multiple fiscal years, comparisons of the Capital Budget from one fiscal year to the next do not provide useful information.

In April, as a result of State legislation that extended the repayment schedule for Counties to comply with the Supreme Court's decision in the Wynne case, I amended my FY17 recommended operating budget to reduce my proposed property tax increase from 3.9 cents per \$100 assessed valuation to 2.1 cents – a 46 percent reduction. In May, the Council did not agree to act on this reduction. Therefore, this budget includes a 3.9 cent property tax rate increase. This budget continues the strategic restoration of some of our most important services that were dramatically reduced as the County faced serious budget challenges. In particular, as recommended by me, the approved budget increased funding for Montgomery County Public Schools by \$139.1 million, allowing the Board of Education to make important improvements in class size and programs to address the achievement gap. Additionally, this budget continues efforts to restore and improve library service, public safety resources, and funding for affordable housing programs.

As detailed in the budget highlights and in the appropriate departmental sections, these budgets continue to support what I believe are our most important shared priorities:

- A Responsive and Accountable County Government
- Affordable Housing in an Inclusive Community
- An Effective and Efficient Transportation Network
- Children Prepared to Live and Learn
- Healthy and Sustainable Communities
- Safe Streets and Secure Neighborhoods
- A Strong and Vibrant Economy
- Vital Living for All of Our Residents

In order to reduce costs and minimize our use of paper, we have provided an abbreviated version of the Operating Budget for each County Government Department. You may view a more detailed description of each department's budget by visiting the Office of Management and Budget webpage at www.montgomerycountymd.gov/omb.

You are invited to read the contents of these volumes for a description of the Approved Operating and Capital Budgets and CIP. Please call the Office of Management and Budget at (240) 777-2800 for further information. This information is also available on the Internet on the Montgomery County home page at www.montgomerycountymd.gov/omb.

Message from the Council President

This year, in the FY17 Operating Budget and the FY17-22 Capital Improvements Program, the Council decided to make a major course correction. We committed ourselves to the core goals of closing the educational achievement gap; reducing class sizes across the board; making decisions that are both achievable in the short term and sustainable over time; and ensuring that residents see results for any additional investments we ask them to make. To achieve these goals we recalibrated the budget and rebalanced our spending in a way that is responsible to all.



Two of the four goals relate directly to the classroom. That is why we forged a historic partnership with the Board of Education to adopt an “education first” budget.

With this budget and CIP, students and parents can look forward to more teachers, para-educators, counselors and other student support positions, in addition to expanded programs to support minority achievement and enhance college and career readiness. School revitalizations and additions have been accelerated. We also further increased our strong support for another of our greatest assets, Montgomery College.

While this is an “education first” budget, it is not an “education only” budget. The budget provides a much-needed boost to public safety by adding more police officers and firefighters and giving them the equipment they need, including police body cameras. It also strengthens our libraries, recreation, parks, the safety net, and transportation programs. While our unemployment rate has fallen steadily since the recession, our newly privatized program for economic development promises an even stronger job market in the future.

This year’s decisions represent more than a one-year budget. They represent a plan for the future. For the first time in eight years, we opted to raise the property tax over the Charter limit. That was not an easy decision, but I am optimistic that we have established a structure that is responsive to our community’s needs and sustainable over time. We will be backed by the very large reserve we have set aside for contingencies: a historical high of \$415 million, 8.4 percent of our adjusted governmental revenues, in keeping with our AAA bond rating.

I want to thank my Council colleagues and the Council staff for their hard work. Thank you also to the County Executive and his staff, and to the governing boards and staff of M-NCPPC and WSSC as well as MCPS and Montgomery College, for their contributions, and to the thousands of County residents who shared their views with us. I am proud of what we have achieved together on behalf of our community.

A handwritten signature in black ink that reads "Nancy Floreen". The signature is written in a cursive, flowing style.

Nancy Floreen
President, Montgomery County Council

A Responsive and Accountable County Government...

General Government Initiatives

- Add a new project, Rockville Core, which will renovate the historic Grey Courthouse and consolidate leased facilities.
- Introduce a new project, Council Office Building Garage, to repair the concrete deck, structural steel, drains, post-tensioned concrete tendons, and curbs in the facility.
- Increase funding for Planned Life Cycle Asset Replacement to maintain and “refresh” aging County facilities.
- Continue to replace aging County building roof systems, parking lots, HVAC and electrical systems, and elevator systems.
- Support the Technology Modernization Project to replace outdated and vulnerable information systems, and produce a high return in terms of customer service.

Affordable Housing in an Inclusive Community...

Housing and Community Development

- Provide an additional \$33 million for the Affordable Housing Acquisition and Preservation program, exceeding by \$76.8 million the County’s goal of providing \$100 million in funding for public/private partnerships to maintain and grow the stock of affordable housing. Funding of \$21.3 million in taxable bonds and \$11.7 million in loan repayments will be used to continue the County’s commitment to the creation and preservation of affordable housing units for low-income residents, including the senior population.
- Continue funding to support Public Housing Improvements through the Supplemental funds for Deeply Subsidized HOC Owned Units Improvements project and expand the allowable use of funds to include other Housing Opportunities Commission (HOC) owned income-restricted scattered site units and for demolition in cases where the absence of demolition would create blight on the surrounding neighborhoods.
- Support the preservation and expansion of affordable housing at Elizabeth Square in coordination with the Department of Housing and Community Affairs (DHCA). Funding for Elizabeth Square

will be provided through the Affordable Housing Acquisition and Preservation project.

- Provide funding for demolition of vacant properties, Emory Grove Village and the Ambassador to mitigate blight on the surrounding neighborhoods.
- Continue funding for façade easements in the Burtonsville area.
- Complete installation of Sprinkler Systems for HOC Elderly Properties in FY17.
- Continue funding for commercial revitalization of the Colesville/New Hampshire Avenue corridor to support existing small businesses and create new opportunities for private investment.

An Effective and Efficient Transportation Network...

Mass Transit

- Construct south entrance for the Bethesda Metrorail Station in coordination with the Purple Line project.
- Provide oversight and financial support for the Purple Line project which will provide significant economic and mobility benefits.
- Complete facility planning for the MD 355 and US 29 corridors as the first steps in developing a comprehensive bus rapid transit system.
- Complete construction of transit centers at Montgomery Mall and Takoma/Langley Park.
- Replace 16 Ride On buses in Fiscal Year 2017.
- Continue efforts to improve the condition of Ride On bus stops and transit park and ride lots.

Roads, Highway Maintenance, and Traffic Improvements

- Support the redevelopment of White Flint and continue funding of \$163 million for the planning and design, and construction of roadway improvements in the White Flint District.
- Continue funding for design and land acquisition for Observation Drive Extended, a north-south road extension of existing Observation Drive, connecting north Germantown to Clarksburg.
- Continue funding of Goshen Road South which will support the Gaithersburg/Montgomery Village area.

- Complete the construction of Snouffer School Road and Snouffer School Road North (Webb Tract) to improve traffic congestion and safety in support of the proposed Multi-Agency Service Park (MASP) as part of the County's Smart Growth Initiative.
- Continue funding of Montrose Parkway East which will improve access to the White Flint area and Interstate 270.
- Continue partnerships with developers to support development in the Clarksburg area through the Stringtown Road, Clarksburg Transportation Connections, Subdivision Roads Participation, and State Transportation Participation projects.
- Provide funding to the City of Rockville to complete construction of Maryland/Dawson Extended to support continued development in the Rockville Town Center.
- Continue efforts to provide guardrails and streetlights.
- Complete the construction of Platt Ridge Drive Extended, and Seminary Road Intersection Improvements.
- Continue inclusion of pedestrian and bike facilities in major road projects.
- Increase annual funding for Intersection and Spot Improvements to address pedestrian safety and capacity issues.
- Continue efforts to modernize central traffic signal control system to provide additional capabilities and tools to optimize traffic flow, including implementation of a pilot Adaptive Traffic Control System (ATSC) to evaluate demand-based traffic signaling and Traffic Signal Prioritization (TSP) to support express bus service.
- Continue efforts to provide pedestrian and traffic safety improvements.

Highway Maintenance

- Maintain funding in the early years of the six-year program for Resurfacing: Residential/Rural Roads, Permanent Patching: Residential/Rural Roads, and Resurfacing: Primary/Arterial. Funding was accelerated into FY16 from FY17-18, reducing the expenditures in those years vs. CE REC.
- Continue residential and rural roads resurfacing program to prevent deterioration and prevent more costly rehabilitation work.
- Completed construction of Colesville Depot in FY16.

Bikeway, Sidewalk, and Pedestrian Facilities

- Continue funding of two Purple Line-related projects: Capital Crescent Trail and the Silver Spring Green Trail.

- Continue funding of the Metropolitan Branch Trail, including a grade-separated bridge over Georgia Avenue.
- Construct a new shared-use path along MD 355 in Clarksburg to provide connectivity with the Frederick Road Bike Path, Little Bennett Regional Park, Clarksburg Town Center, and Clarksburg High School.
- Complete the construction of Frederick Road Bike Path, Bethesda Bikeway and Pedestrian Facilities, and Needwood Road Bike Path.
- Provide initial design funding for the new Life Sciences Center Trail Loop project to leverage outside funding and meet one prerequisite of Stage 2 for the Great Seneca Science Corridor Master Plan.
- Maintain funding levels for Americans with Disabilities Act (ADA) Compliance: Transportation, Bikeway Program, Sidewalk Program, and Transportation Improvement for Schools.

Bridges and Storm Drains

- Maintain funding for previously approved Gold Mine Road, Piney Meetinghouse Road, Park Valley Road, Lyttonsville Place, and Pennyfield Lock Road Bridges.
- Provide design funding to address Glen Road Bridge and Mouth of Monocacy Bridge repair needs.
- Increase funding for the Bridge Renovation project to maintain a consistent level of effort given additional permitting requirements.
- As part of the County's leading efforts to improve water quality, continue to repair or replace failed storm drain outfalls, pipes, and culverts.

Children Prepared to Live and Learn...

Montgomery County Public Schools (MCPS)

- Allocate \$1,729.4 million to increase funding by \$185.8 million above the amended FY15-20 level representing the recommended CIP's largest expenditure category. Local funding for school construction and technology total \$1,421 million. This level of funding will support new schools, school additions, and renovations as well as provide significant investment in countywide infrastructure.
- Address capacity needs resulting from higher enrollment by funding two new elementary schools, two new middle schools, and planning and/or constructing additions in 20 elementary schools, six middle schools, and five high schools.

- Fund the revitalization/expansion schedule of 14 elementary schools, four middle schools, and four high schools.
- Increase funding for MCPS' countywide infrastructure projects including Heating, Ventilation and Air Conditioning (HVAC), roof replacements, fire safety, Planned Life Cycle Asset Replacement, Improved (SAFE) Access to Schools, rehabilitation/renovation of closed schools, restroom renovations, and technology modernization.
- Fund \$12.25 million for relocatables to address over utilization of the schools.
- MCPS will benefit from the \$69.0 million MCPS/M-NCPPC Maintenance Facility Relocation project funded as part of the Smart Growth Initiative.
- As part of the Smart Growth Initiative (transit-oriented economic development), MCPS will benefit from \$33.5 million for relocation of MCPS Bus Depot and Maintenance facilities.
- Other CIP projects which benefit MCPS, programs include: Pedestrian Safety Program, Transportation Improvements for Schools, FiberNet, Ballfields Initiatives (M-NCPPC), and the Kennedy Shriver Aquatic Center Building Envelope Improvement.
- Complete construction and fund design and construction of Linkages to Learning Centers, Child Care Centers, and a High School Wellness Center to provide social and health services for students and families in need; to offer quality child care programs; and to provide health services, counseling, and positive youth development at elementary and high schools for at-risk students.

Montgomery College (College)

- Complete the Science West Building Renovation (Fall 2016), the Rockville Parking Garage (Fall 2016), and the Germantown Science & Applied Studies Phase 1 Renovation project (completion in Spring 2018).
- Sustain College infrastructure projects such as Elevator Modernization, Planned Lifecycle Asset Replacement, Roof Replacement, and Site Improvements at the requested levels, to improve facilities and safety on all three campuses.
- Fund construction and/or design for the Takoma Park/Silver Spring Math & Science Center and the Germantown Student Services Center to expand classroom space and access to advising, registration, and other services.

- Continue to address space deficits on the College's Rockville campus by maintaining construction funding for the Rockville Student Services project, which will provide up-to-date centralized facilities and leverage significant State funding.
- Assume \$70.0 million in State aid, with \$22.4 million in FY17 for Montgomery College.

Universities at Shady Grove/University of Maryland System

- Build a parking garage and related site modifications at the Universities at Shady Grove (USG) Campus to leverage State funding and support campus improvement and a new academic building for Biomedical Sciences/Engineering Education (BMSE).

Healthy and Sustainable Communities...

Environmental Protection

- Continue the planning and implementation of stormwater controls, public outreach, stream monitoring, and other actions needed to comply with the County's National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS-4) permit, which will significantly enhance the County's efforts to improve water quality in local streams and ultimately the Chesapeake Bay.
- Construct new stormwater management facilities and retrofit old stormwater controls to prevent property damage, improve water quality, and protect habitat.
- Perform major structural repairs on public and private stormwater facilities accepted into the County's maintenance program.
- Expand the design and construction of environmentally friendly stormwater management techniques known as environmental site design (ESD) or low impact development (LID) throughout the County, including County facilities.
- Continue to repair damaged stream channels and tributaries in stream valley parks and priority watersheds.
- Introduce new project, Wheaton Regional Dam Flooding Mitigation, to address flooding issues upstream of the Wheaton Dam.

Health and Human Services

- Add funds to design and construct a replacement facility for the existing Avery Road Treatment Center through a public-private partnership with assistance from the State beginning in Spring 2016 to provide residential substance abuse treatment for low-income County residents. The project leverages \$5.0 million from the private sector, and will preserve vital residential substance abuse treatment capacity at reduced taxpayer expense. Moreover, it will result in new substance abuse and mental health outpatient capacity, so critical given the growing heroin and opioid epidemic, at no operating or capital cost to the County.
- Complete construction of the new Dennis Avenue Health Center in Silver Spring by Winter 2016 and site improvements by Winter 2017 to improve clinical services to County residents.
- Construct a new Progress Place Services Center in conjunction with a public-private partnership by Winter 2016. Provide funds to create personal living quarters co-located with the Progress Place Services Center for medically vulnerable and chronically homeless individuals.
- Complete construction of Child Care Centers at Wheaton Woods and Brown Station Elementary Schools, opening in Summer 2017. Add funds to design and construct a Child Care Center at Burtonsville Elementary School beginning in Summer 2017 to offer quality child care programs.
- Complete construction of a Linkages to Learning Center at Wheaton Woods Elementary School, opening in Summer 2017 and design and construct a Linkages to Learning Center at Maryvale Elementary School beginning in Summer 2016 to provide social and health services for students and families in need. Add funds to purchase and install a modular restroom unit adjacent to the existing portable Linkages to Learning unit at South Lake Elementary School.
- Construct a High School Wellness Center (HSWC) beginning in Summer 2017 to provide health services, counselling, and positive youth development at Seneca Valley High School.

Maryland-National Capital Park and Planning Commission (M-NCPPC)

- Add five new projects:
 - Caroline Freeland Urban Park removes outdated facilities and renovates the park to provide improved open space, pedestrian connectivity, and visibility in an existing one-acre urban park in Bethesda.
 - South Germantown Recreational Park provides a new cricket field and supporting infrastructure on undeveloped parkland at the South Germantown Recreational Park.

- Hillandale Local Park renovates an existing 25.35 acre local park located in Silver Spring.
- Little Bennett Regional Park Trail Connector adds design funds in FY22 to provide a new wide hard surface public sidewalk and recreational trail in Clarksburg.
- Expand the active recreation area at Ovid Hazen Wells Recreational Park and relocate the Ovid Hazen Wells Carousel from Wheaton Regional Park.
- Add \$250,000 in FY17 to the Minor New Construction Non-Local project for the Maydale Nature Center.
- Accelerate funding from FY17-19 to FY16 to substantially complete Laytonia Recreational Park, Brookside Gardens Master Plan Implementation, Rock Creek Maintenance Facility, Falls Road Local Park, Kemp Mill Urban Park, and Western Grove Urban Park.
- Continue funding for hard surface trail renovations, Enterprise facility improvements, stream protection, Pollution Prevention and Repairs to Ponds and Lakes, Energy Conservation – Local and Non-local Parks, levels for ADA Compliance: Local Parks, Enterprise facility improvements, hard surface trail renovations, Planned Lifecycle Asset Replacement projects to upgrade park infrastructure, and Minor New Construction –Local Parks and Non-local Parks.
- Significant County support for M-NCPPC’s operations is also reflected in the M-NCPPC/MCPS Maintenance Facility and new M-NCPPC Headquarters building included in the Wheaton Redevelopment project.

Washington Suburban Sanitary Commission (WSSC)

- Approved \$1,595.4 million for WSSC’s FY17-22 CIP budget, a decrease of \$57.0 million (3.4 percent) below the FY16-21 approved total of \$1,652.4 million.
- Continue construction of improvements to wastewater treatment and solids handling facilities at the regional Blue Plains Advanced Wastewater Treatment Plant in order to achieve environmental goals and improve efficiency.
- Continue the Large Diameter Water Pipe & Large Valve Rehabilitation Program to repair, replace, monitor, and protect large cast iron and pre-stressed concrete cylinder pipe (PCCP) water mains and rehabilitate large valves.
- Continue the Trunk Sewer Reconstruction Program to inspect, evaluate and repair sewer mains in environmentally sensitive areas.
- Continue a high level of replacement of small diameter water mains by maintaining the FY16 measure of 57 miles in FY17.

Safe Streets and Secure Neighborhoods...

Fire and Rescue Services

- Design and construct a new White Flint Fire Station to replace Rockville Station #23 to support the development in White Flint.
- Complete design and construct a permanent Clarksburg Fire Station.
- Continue apparatus replacement. During the six-year period, it is anticipated that the following units will be replaced: 5 aerials, 48 EMS units, 22 engines, 3 all-wheel drive brush/wildland pumpers, 4 rescue squads, and 1 tanker.
- Continue to fund the relocation of Glenmont Fire Station #18 and the expansion and renovation of Kensington (Aspen Hill) Fire Station #25.
- Support planning funding for the Glen Echo Fire Station and Rockville Fire Station #3 renovation projects.
- Continue to fund level-of-effort/ongoing maintenance projects including Life Safety Systems; Emergency Power System Upgrades; Heating, Ventilation, and Air Conditioning/Electrical Replacement; Resurfacing paved areas; and Roof Replacement.
- Funds are included to upgrade and modernize the Fire Station Alerting System.
- Within the Other Public Safety section of the CIP, funds are included for a new Public Safety Training Academy. This facility will enhance training capabilities with a new high bay building and residential burn building.

Police

- Under a General Development Agreement cost sharing arrangement with the County, a private developer will design and construct a new 2nd District Police Station on Rugby Avenue to replace the existing station.
- Funds are included to upgrade and modernize the Public Safety Communication System.

Correction and Rehabilitation

- Plan and design the Criminal Justice Complex (CJC), on the site of the existing District One Police Station, which will serve as the Intake Unit for processing detainees, and provide psychological and medical screening, classification, initial care, custody, and security of inmates for up to 72 hours prior to transfer to the Montgomery County Correctional Facility (MCCF) in Clarksburg. A workgroup of all participants in the process, including the State, will begin work this year to review the trends in the correctional population and address the resulting facility needs and sources of funding.
- Design and construct the renovation and addition of the kitchen and dining area at the County's Pre-Release Center.

Other Public Safety Initiatives

- Renovations to the Judicial Center will be completed in Summer 2017.
- Begin construction of a new Public Safety Training Academy to serve the Fire and Rescue Service, the Department of Police, and the Department of Transportation.

A Strong and Vibrant Economy...

Economic Development and Redevelopment

- Provide funding for a new project, White Oak Science Gateway Redevelopment, for planning, design, and coordination work to develop the White Oak industrial area into a dense mixed-use commercial and residential center.
- The Wheaton Redevelopment project provides private residential and/or commercial development, a new headquarters for the Maryland-National Capital Park and Planning Commission, offices for the Mid-County Regional Services Center and other County Government agencies, a town square, and parking. This project is critical to the County's economic development goals and the long-term economic vitality of Wheaton.
- Provide funds to support environmental and site condition remediation and to add two additional floors to the Maryland-National Capital Park and Planning Commission's headquarters office building to reduce expensive lease payments for County agencies, facilitate co-location for departments with program synergies, and enhance the presence of the County Government in Wheaton.

- Provide funds to support multi-departmental planning efforts to identify and plan for redevelopment opportunities impacted by the construction of the Purple Line in the Long Branch Sector Plan area.
- Providing ultraMontgomery funding to grow, and expand interconnections to ultra high-speed broadband networks to retain and attract advanced industry businesses (e.g., biotech, cybersecurity, robotics, financial services) that require always on, robust Internet connections.

Smart Growth Initiative

- Begin construction of a new, joint maintenance facility to serve Montgomery County Public Schools as well as the Maryland-National Capital Park and Planning Commission.
- Continue construction of a new Public Safety Training Academy to serve the Fire and Rescue Service, the Department of Police and the Department of Transportation.

Agricultural Land Preservation

- Utilize a variety of revenue sources, including developer contributions to purchase agricultural and conservation easements through an enhanced farmland preservation program tool to further protect land where development rights have been retained in the Rural Density Transfer Zone.

Vital Living for All of Our Residents...

Libraries

- Complete design and construct a combined Library and Community Recreation Center in Wheaton. Departments of Recreation and Public Libraries staff are collaborating on program offerings – including those targeted for seniors.
- Fund costs to open an interim library at the Wheaton Volunteer Rescue Squad Ballroom at Wheaton Glen in Spring 2016.
- Provide funding for a public-private partnership to renovate and upgrade the Noyes Library for Young Children.
- Add funding for planning and schematic design of a new library in the Clarksburg community.

- Complete efforts to refresh the Twinbrook and Kensington Park branches. Complete design for refresh projects at the Davis, Little Falls, and Aspen Hill Branches. Plan and implement refresh projects in FY17 at White Oak, Bethesda, and Quince Orchard branches.
- Continue implementation of a 21st Century Library Enhancements project that will allow the Department of Public Libraries to respond to customer demands and library trends that require changes in the equipment and related furnishings of library buildings. During FY16, the project will upgrade the public Wi-Fi and wired computer network; install secure device charging stations in every branch; and upgrade electrical wiring in several branches.

Recreation

- Complete the North Potomac Community Recreation Center in Spring 2016 which will sponsor senior programs and the Ross Boddy Neighborhood Recreation Center in Summer 2016.
- Re-opened the renovated Western County Outdoor Pool in Spring 2016.
- Open the Potomac Adaptive Sports Court at the Potomac Community Recreation Center in Spring 2016.
- Construct the Good Hope Neighborhood Recreation Center with a new performing arts component with estimated completion in FY18.
- Repair and replace masonry, windows, and other building envelope components of the Eunice Kennedy Shriver and Sargent Shriver Aquatic Center.
- Continue facility planning work on the Recreation Modernization Project to renovate Schweinhaut Senior Center, MLK Aquatic Center, Clara Barton Neighborhood Recreation Center, Upper County Community Recreation Center, and Bauer Drive Community Recreation Center.

Revenue Authority

- Enhance the irrigation system at Rattlewood Golf Course to address water issues.
- Fund repairs to the Strathmore Mansion in FY17, including interior wall repairs and painting due to water damage, exterior repairs, restoration, painting, and other interior repairs.
- Continue funding for Capital Improvement Grants for the Arts and Humanities Organizations.



Funding The Budget...

- Approved a total of \$4.62 billion for the FY17-22 CIP for all agencies excluding WSSC, an increase of \$40.6 million or 0.9 percent increase from the previous CIP.
- Approved \$4.24 billion for the tax-supported portion of the CIP which excludes stormwater management, HOC, and the Revenue Authority. This represents a \$53.9 million or 1.3 percent increase from the previous CIP.
- Approved \$1,595.4 million as requested by WSSC, a decrease of \$57.0 million or 3.4 percent from the FY16-21 Approved CIP.
- Maintain general obligation borrowing at a rate of \$340 million per year, or \$2.04 billion over the six-year CIP.
- Assumed \$308.6 million in State Aid for Montgomery County Public Schools, including \$70.2 million for grant funds for local schools with significant enrollment growth. A collaborative effort with our State delegation, the County Council, the Board of Education, and Parent Teacher Associations will seek to maximize state aid to address MCPS' severe facility capacity and renovation needs.
- Assume an additional \$167.3 million in additional State Aid for Montgomery College, stormwater management, transportation, health and human services, corrections, Revenue Authority, and other projects.
- Use all taxes levied on developers for projects that address needs generated by development.
- Keep tax-supported borrowing within prudent limits as approved by the County Council's Spending Affordability Guidelines.
- Issue debt at levels necessary to ensure continuation of Montgomery County's AAA credit rating.
- Program Park and Planning bonds within the Spending Affordability Guidelines of \$6.5 million per year.
- Increase recordation tax and recordation tax premium rates to generate an additional \$195.4 million in capital budget funding.

New Projects FY17-22 Full CIP

Economic Development

ultraMontgomery

Environmental Protection

Wheaton Regional Dam Flooding Mitigation

Potomac WFP Consent Decree Program

General Government

Council Office Building Garage

Rockville Core

White Oak Science Gateway Redevelopment Project

M-NCPPC

Caroline Freeland Local Park

Hillandale Local Park

Little Bennett Regional Park Trail Connector

Ovid Hazen Wells Recreational Park

S. Germantown Recreational Park: Cricket Field

Montgomery County Public Schools

Albert Einstein Cluster HS Solution

Artificial Turf Program

Clarksburg Cluster ES (Clarksburg Village Site #2)

Col E Brooke Lee MS Addition

East Silver Spring ES Addition

Gaithersburg ES Addition

Greencastle ES Addition

Montgomery Knolls ES Addition

Northwood Cluster HS Solution

Pine Crest ES Addition

Piney Branch ES Addition

Takoma Park MS Addition

Thomas W. Pyle MS Addition

Walt Whitman HS Addition

Woodlin ES Addition

Public Libraries

Noyes Library for Young Children Rehabilitation and Renovation

Revenue Authority

Rattlewood Golf Course

Transportation

Bradley Boulevard Improvements

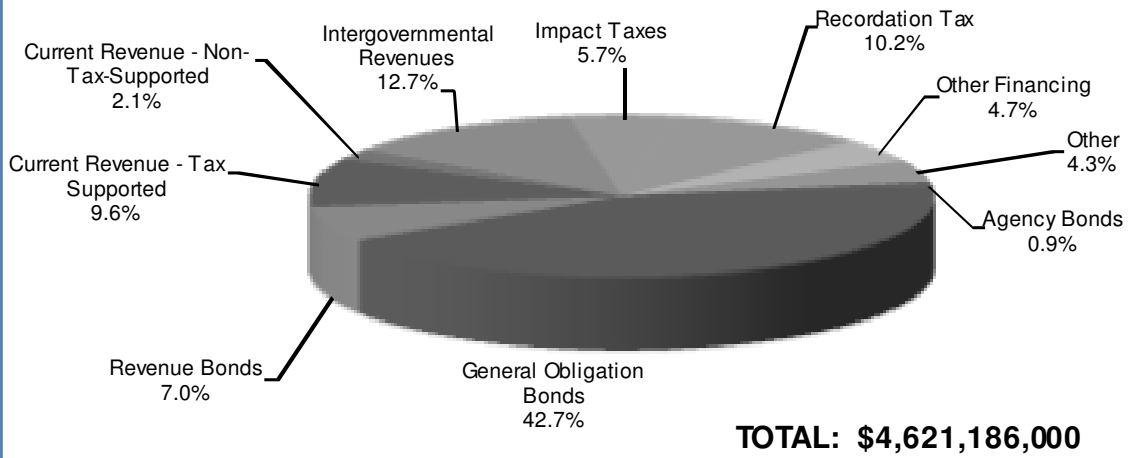
Franklin Avenue Sidewalk

Life Sciences Center Loop Trail

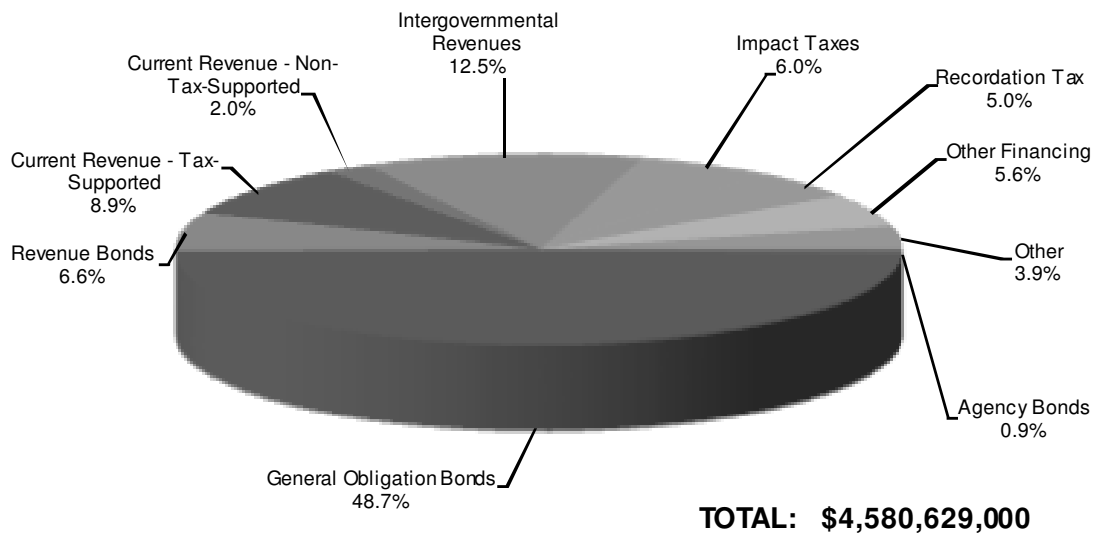
MD355-Clarksburg Shared Use path

Purple Line

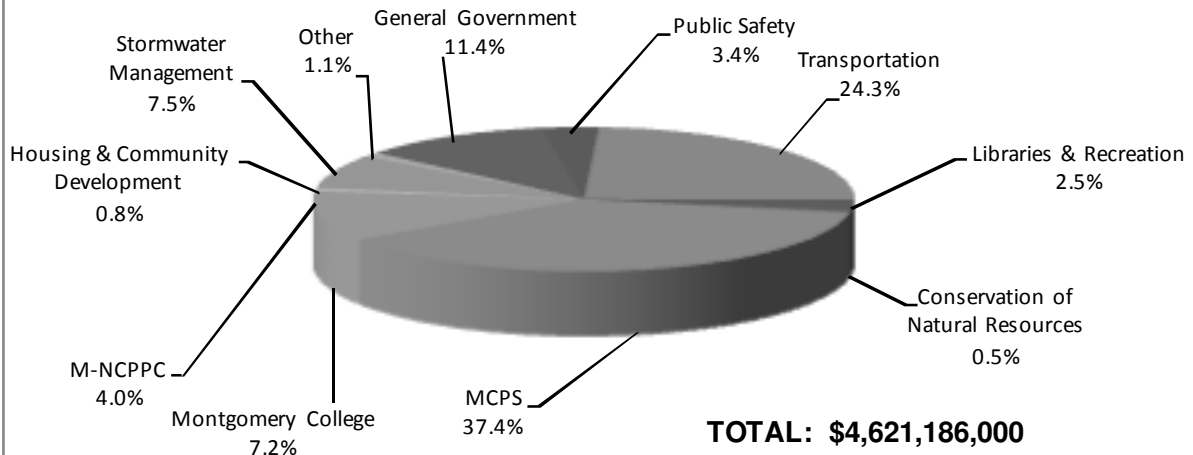
FY17-22 Approved Six-Year Funding Excludes WSSC



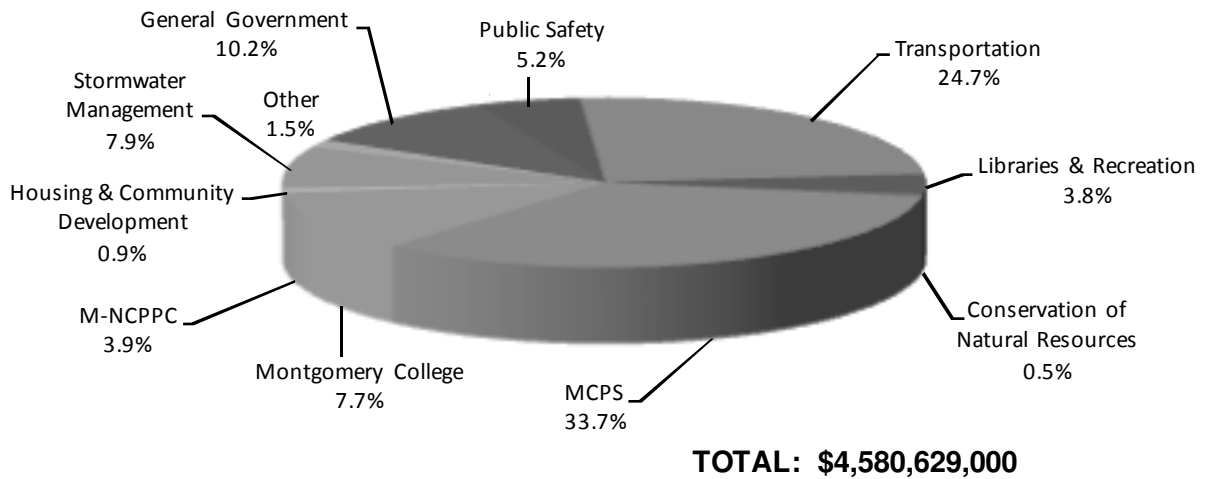
FY15-20 Amended Six-Year Funding Excludes WSSC



FY17-22 Approved Six-Year Expenditures Excludes WSSC



FY17-22 Amended Six-Year Expenditures Excludes WSSC





How to Read the Budget

INTRODUCTION

The County's Approved Operating and Capital Budgets and the Approved FY17-22 Capital Improvements Program (CIP) are published in two volumes. Volume I contains a comprehensive picture of the Operating Budget year beginning July 1, including changes from the previous fiscal year. Volume II contains the approved Capital Budget and the approved Capital Improvements Program.

OPEN BUDGET

Montgomery County Maryland offers a comprehensive Open Data Budget Publication that takes the very complex and detailed data found in the traditional budget publication and transforms it into an intuitive, accessible and shareable format. Included features:

- Interactive charts, tables, maps and videos
- A Custom Google Search Engine
- Archiving Previous Years' Data / Content
- Unlimited Sharing/Discovery of data, tables and visualizations
- Mobility (works on smartphones, tablets and desktops)
- American with Disabilities Act (ADA) Compliance
- Instantly translatable into 90+ languages

For more, please visit the following website:

montgomerycountymd.gov/openbudget

CONTENTS OF THE OPERATING BUDGET DOCUMENT

The major components of the Recommended Operating Budget and Public Services Program are described below in order of appearance in this document.

County Executive's Budget Message and Highlights

The County Executive's message summarizes the financial status of the County, major recommended expenditure priorities for the upcoming fiscal year, and how the budget is funded. The highlights provide a listing of major program initiatives and changes recommended in the Executive's budget.

Operating Budget Process**

This chapter provides a brief introduction and refers to the legal requirements for the annual budget process, and includes descriptions of government structure and government accounting methods and funds.

Fiscal Policy**

This chapter describes the policies of Montgomery County government with respect to taxes, spending, and debt management, including short-term policies and initiatives. The purpose of fiscal policy is to provide guidance for sound public practice in the planning and financing of public expenditures, including the policy assumptions under which budget and tax decisions are made.

Revenues**

This chapter provides assumptions used to project revenues for funding the budget, including:

-
- demographic, economic, and fiscal trends that identify potential impacts on the County's overall expenditure requirements and revenues over the next six years, and
 - detailed information and estimates on revenue categories and major sources of funds.

Capital Improvements Program (CIP)**

This chapter describes the impacts of the annual Capital Budget and biennial Capital Improvements Program (CIP) on the Operating Budget and six-year Public Services Program (PSP), including a list of major CIP projects and funding sources for all agencies. The six-year CIP implies on-going commitment of resources in the PSP for: long- and short-term debt service; cash for non-debt eligible expenditures and debt avoidance; and costs to equip, open, staff, and maintain newly constructed facilities.

If you are interested in information about a specific project, locate the page number for the Project Description Form (PDF) in one of the three indices at the back of the publication. Indices are sorted alphabetically by project name, numerically by project number, and geographically by planning area. In addition, the latest approved project can be found in the Master List of Most Current CIP Projects on the County's website at:

<https://reports.data.montgomerycountymd.gov/cip>

Debt Service

Debt service is the amount the County must pay each year for the principal and interest on the County's bonded and other indebtedness. Debt service is presented both in terms of the specific bond allocations by category and fund and by sources of revenue, including six-year projections of debt service requirements.

Workforce/Compensation**

This chapter includes detailed information about negotiated settlements with certified employee bargaining units and unrepresented employees. General data related to group insurance, disability protection, and employee retirement plans are also presented.

Agency Summaries

The County Executive is required by the Charter to include recommendations on agency budgets for which the County Council sets tax rates or approves budgets. The Executive recommends expenditure levels and funding support, where applicable, for the budgets of the Public Schools, Montgomery College, the Montgomery County and bi-county (administration) portions of the Maryland-National Capital Park and Planning Commission (M-NCPPC), and the Montgomery County and bi-county portions of the Washington Suburban Sanitary Commission. A summary of the Housing Opportunities Commission budget is also included, containing the Executive's recommended operating budget appropriation. In addition, a section describing the Montgomery County Revenue Authority is provided, as copies of the Revenue Authority budget are not available until after May 1 of each calendar year, as required by County Code.

County Government Recommended Department Budgets

The recommended budgets for departments and offices of the County Government are provided for the following:

- Legislative Branch (the County Council and legislative offices and boards);
- Judicial Branch (Circuit Court and State's Attorney), and
- Executive Branch (departments with functions related to General Government; Public Safety; Transportation; Health and Human Services; Libraries, Culture, and Recreation; Community Development and Housing; Environment; and Other County Functions).

The presentations include: the department's mission statement; linkage to County result areas; accomplishments and initiatives; performance measures; description and cost of programs; recommended expenditure, revenue, and workforce allocations for the department; recommended changes for next fiscal year's budget; charges to other departments, and information about future fiscal impacts. For more detailed information about department displays, see the section on "Department Budget Presentations" below.

Non-Departmental Accounts (NDAs)

The Non-Departmental Accounts section contains expenses essential to the operation of the County government which either do not fall within the functional assignment of any department or agency or provide for expenditures related to more than one department or agency. Examples include various grants to municipal governments, contributions to other funds, County government memberships (e.g., Maryland Association of Counties), and certain legally-mandated programs. Responsibility for administration of NDAs is assigned by the Chief Administrative Officer to specific departments. Although classified as an NDA, all utilities expenditures of the County government are displayed in a separate section to provide combined data on costs by energy type and user departments.

Budget Summary Schedules

The Summary Schedules section contains aggregate fiscal data for all agencies for which the County Council sets tax rates, makes levies, or approves programs and/or budgets. The schedules include expenditure and funding totals by agency, department, government function, and source of funding, with both dollar amounts and staffing (i.e. full-time equivalents (FTEs) and positions). Revenues are described and detailed by agency, fund, and type. Ten-year historical trends are also included for major expenditure categories, revenue sources, the government workforce, and tax rates.

Glossary

The Glossary contains definitions of terms and acronyms commonly used throughout both the PSP and CIP budget documents.

■ DEPARTMENT BUDGET PRESENTATIONS

For each department within Montgomery County government and for most agency summaries, the budget presentation includes:

Mission Statement: the overall purpose of the department (or major division), including the goals or results it expects to achieve for the community or its function in the County government.

Budget Overview: recommended appropriations for the department, with changes from the prior fiscal year, in dollars, full time equivalents, and percentage change.

Linkages to County Result Areas: denotes which of the County Executive's eight result areas relate to the department.

Performance Measures: provides key measures that apply to the department as a whole or to multiple programs. Each measure gives actual data for the past two completed fiscal years, an estimate for the current fiscal year, and targets for the next two fiscal years. These targets represent the department's principal performance goals. Program performance measures that relate to only one program are listed with the relevant program as noted below.

Accomplishments and Initiatives: provides a summary of major department accomplishments completed in the last year and the anticipated results of the recommended funding for next fiscal year. In addition, productivity improvements within the department are described.

Program Contacts: department and Office of Management and Budget (OMB) contacts for the budget, including phone numbers.

Program Descriptions: provides a descriptive narrative of the program, including, as applicable:

- Nature, functions, and features of program activity;
- The public need to which the program responds;
- Who or what benefits from the program activity; and
- What the resources allocated will provide to the community.

Program Performance Measures: lists performance measures that apply to only one of the department's programs. Actual performance data are shown for the previous two fiscal years, as well as estimates for the current fiscal year and targets for the next two fiscal years. The FY17 and FY18 figures represent performance goals for the relevant program.

Program Recommended Changes: a table displays the recommended program expenditures and FTEs for next fiscal year compared to the current year's approved budget, including an itemization of key changes within individual programs based on recommended budget actions. Budget changes that relate to a unique program are listed individually within each program recommended changes chart. Budget changes that affect more than one program, such as compensation changes, are summarized in a multi-program adjustment item for each affected program.

Budget Summary: summary data for the department, including actual expenditures for the prior fiscal year, the approved budget and estimated expenditures for the current fiscal year, and the County Executive's recommended budget for the coming fiscal year. The presentation includes, by fund, expenditures within appropriation category (Personnel Costs, Operating Expenses, Capital Outlay, and Debt Service); personnel requirements (full-time and part-time positions and FTEs); and related revenue sources. Appropriation categories and related components within the Budget Summary include:

- **Salaries and Wages:** the cost of all salary expenses for both full-time and part-time positions, including other personnel cost adjustments (e.g., overtime, shift differential, multilingual pay, etc.).
- **Employee Benefits:** social security, group insurance, and retirement. Additional information regarding employee benefits may be found in the Workforce/Compensation chapter of this document.
- **Operating Expenses:** those costs required to support the operations of the agency, including such items as contracted services, printing, motor pool, and office supplies.
- **Debt Service (for M-NCPPC, Parking Lot Districts, Solid Waste Disposal, Liquor Control, and Montgomery Housing Initiative funds only):** the annual payment of principal and interest on bonded indebtedness (for both general obligation and other debt) incurred by departments/agencies funded by a Special or Enterprise fund.
- **Capital Outlay:** funding for the acquisition of fixed assets that have a value of \$5,000 or more and a useful life of more than one year.

Personnel categories within the Budget Summary include full- and part-time positions as well as full-time equivalents (FTEs). FTEs reflect staff time charged to the department's operating budget. One FTE is the equivalent to 2,080 work hours or 260 workdays.

Related revenues listed in the Budget Summary are generated or received by the department as a direct result of its activities. These include user fees, permits and licenses, grants, intergovernmental aid and reimbursements, and other miscellaneous revenues.

Recommended Changes: describes department-wide expenditure and FTE changes from the current year's approved budget to next fiscal year's recommended budget. The crosswalk includes:

- Additional items funded in next year's recommended budget for new or expanded services.
- Decreases from last year's approved budget relating to reduction in service or elimination of one-time funding in the base for printers, servers, etc.
- Proposed compensation adjustments.
- Group insurance and retirement rate adjustments.
- Rate adjustments for other expenses such as motor pool, printing and mail, risk management, etc.
- Increases or reductions in charges to or from other departments (including charges to the CIP).
- Shifts in resources to another department.
- Other personnel cost adjustments, including changes related to annualization of current year increments; position or job class reclassifications; staff turnover; and lapse changes.
- Other operating expense changes, including inflation adjustments for contracts, rent, etc.

The presentation is organized under two categories: first by items with service impacts, then by other adjustments with no service impacts. Under each category, the items are organized by largest to smallest dollar value change. For items that affect a single program, the name of the relevant program is shown in parentheses. If no program is shown, the adjustment affects several programs.

A verb precedes each recommended crosswalk item. The following verbs describe service impact changes:

Verb and Definition
Add - New funding for services that presently do not exist.
Enhance - More of an existing service or improvement to the quality of an existing service.
Eliminate - Total elimination of an existing service, with no anticipation of the service being provided by another entity.
Reduce - Reduction but not elimination of an existing service.
Restore - To reverse a recommendation to Shift or Reduce a service.
Replace - County assumption of responsibilities previously provided by a non-county entity or funded by a restricted grant (e.g. Federal/State/private).

The following verbs describe other adjustments with no service impact changes:

Verb and Definition
Increase Cost - Additional expenditures to provide the same quantity and scope of existing services (e.g., compensation or benefit increases).
Decrease Cost - Reduction in cost without service impact (e.g., elimination of one-time items approved in the current fiscal year).
Shift - The transfer of service delivery and attendant costs between County Government departments; or elimination or reduction of a service, with the anticipation that the service will be provided by another entity (e.g., State, private sector).
Technical Adjustment - Used to indicate shifts between expenditure categories or changes in FTEs with no net budget impact.

Program Summary: listing of each program, including current fiscal year approved and next fiscal year's recommended expenditures and FTEs.

Charges to Other Departments: provides listing of Personnel and Operating Expenses charged to other departments or to the capital budget. The amounts in the table are not reflected in the expenditure or FTE figures displayed in the Budget Summary.

Future Fiscal Impacts: provides potential future fiscal impacts of the department's programs by fund over a six-year period when measured against the Executive's recommended budget for the next fiscal year.

Annualization of Personnel Costs: identifies next fiscal year's annualized cost for the lapsed portion of new recommended positions as most new positions are budgeted for only a portion of the fiscal year.

Six-Year Public Services Fiscal Plan: estimates of costs over the six-year planning period are included as overall projections of total resources and use of resources for many Montgomery County non-tax supported funds such as the Permitting Services Fund and Solid Waste Disposal and Collection Funds. These figures are based on major known commitments, and the projected assumptions are explained.

Service Maps and Other Exhibits: additional information (e.g., location of Police, Fire, Library, or Recreation facilities) relevant to the department is provided, as applicable.

** Included only in the Recommended version of the Budget Publication

THIS PAGE INTENTIONALLY LEFT BLANK

Budget Summary Schedules - CIP

Expenditure and Funding Summary Schedules

EXPENDITURES BY AGENCY

This chart compares total expenditures for the FY15-20 Amended CIP, including the Biennial amendments, as approved by the County Council as of May 2015 with total expenditures for the County Council's Approved CIP for FY17-22. The data is sorted by implementing agency and by program for MCG programs. Percent change between the six-year periods and percentage of each agency's budget to the whole are also compared. This chart also compares WSSC expenditures as approved by the County Council as of May 2015 for FY16-21 with expenditures as approved for FY17-22. The total CIP based on the latest six-year period as approved by the County Council is compared to the total CIP as approved in the upcoming six-year period.

EXPENDITURES TAX AND NON-TAX SUPPORTED

This chart compares total expenditures for the FY15-20 Amended CIP, including the Biennial amendments, as approved by the County Council as of May 2015 with total expenditures for the County Council's Approved CIP for FY17-22. The chart separates tax supported and non-tax supported expenditures, and then sorts by implementing agency and by program for MCG programs. Percent change between the six-year periods and percentage of each agency's budget to the whole are also compared. This chart also compares WSSC expenditures as approved by the County Council as of May 2015 for FY16-21 with expenditures as approved for FY17-22. The total CIP based on the latest six-year period as approved by the County Council is compared to the total CIP as approved in the upcoming six-year period.

FUNDING BY MAJOR CATEGORIES

This chart compares total funding for the FY15-20 Amended CIP, including the Biennial amendments, as approved by the County Council as of May 2015 with total funding for the County Council's Approved CIP for FY17-22. The major funding sources are listed separately, and the smaller sources are grouped together within the "Other" category. Percent change between the six-year periods and percentage of each funding source to the whole are also compared. This chart also compares total funding for WSSC as approved by the County Council for FY16-21 with the approved FY17-22 CIP. The total CIP based on the latest six-year period as approved by the County

Council is compared to the total CIP as approved in the upcoming six-year period.

FISCAL COMPARISONS: GENERAL OBLIGATION BONDS AND TAX SUPPORTED CURRENT REVENUES

This chart compares information contained in the G.O. Bond Adjustment and Current Revenue Adjustment charts for the FY15-20 Amended CIP, including the Biennial amendments, as approved by the County Council as of May 2015 with the County Council's Approved CIP for FY17-22. Dollar amount and percent changes between the six-year periods and percentage of G.O. bonds and current revenues budgeted to the whole are also compared.

GENERAL OBLIGATION BOND ADJUSTMENT CHART

This chart compares the General Obligation bonds available for programming, with approved programmed bond funded expenditures for the FY17-22 year program. Amounts in the line labeled "Less Set Aside: Future Projects" indicate the amount available for possible future expenditures not yet programmed in individual projects. Zeros in the line labeled "Available or (Gap) to be Solved" indicate a balanced capital budget and Capital Improvements Program.

GENERAL OBLIGATION BOND – PROGRAMMING ADJUSTMENT UNSPENT PRIOR YEARS CHART

This chart displays the amount of unspent prior year's General Obligation (GO) Bond funded expenditures (slippage) by category and project. The total amount of slippage from this chart is included on the GO Bond Adjustment Chart.

TAX SUPPORTED CURRENT REVENUES ADJUSTMENT CHART

This chart compares the tax supported current revenues available for programming, with programmed current revenue funded expenditures for the approved FY17-22 program. Zeros in the line labeled "Available or (Gap) to be Solved" indicate a balanced capital budget and Capital Improvements Program.

PARK AND PLANNING BOND ADJUSTMENT CHART

This chart compares the Park and Planning bonds available for programming, with approved programmed bond funded expenditures for the FY17-22 six-year program. Amounts in the line labeled "Less Set Aside: Future Projects" indicate the amount available for possible future expenditures not yet programmed in individual projects. Zeros in the line labeled "Available or (Gap) to be Solved" indicate a balanced capital budget and Capital Improvements Program.

BUDGETARY ASSUMPTIONS OF STATE AID FOR SCHOOL CONSTRUCTION

This chart displays the intended uses of State aid for the school construction program. Budget year (the first year of this CIP) reflects the County's request for State Aid. Outyear expenditures rely on support from the State in the amounts shown on the line labeled "Grand Total: All Projects." Individual school construction and modernizations are shown for each of the fiscal years of the FY17-22 approved CIP.

FISCAL SUMMARY SCHEDULES

These schedules include data for the following County Agencies: Montgomery County Government, Montgomery County Public Schools (MCPS), Montgomery College, the Maryland-National Capital Park and Planning Commission (M-NCPPC), the Washington Suburban Sanitary Commission (WSSC), the Washington Metropolitan Area Transit Authority (WMATA), the Housing Opportunities Commission (HOC), and the Montgomery County Revenue Authority.

The six-year total on these schedules includes the Council's approved Capital Budget for FY17, and the Capital Improvements Program for FY17-22.

Schedule CIP 200, All Agency Expenditures

This schedule presents each year and six-year total expenditure information in aggregate form, organized by agency. Total approved CIP spending for each agency is summarized here. Data are presented for the following County agencies: Montgomery County Government, the Housing Opportunities Commission (HOC), Maryland-National Capital Park and Planning Commission (M-NCPPC), Montgomery College, Montgomery County Public Schools (MCPS), Revenue Authority, the Washington Metropolitan Area Transit Authority (WMATA), and the Washington Suburban Sanitary Commission (WSSC). Estimated figures for the current year, aggregated figures for all prior years, and totals are also displayed.

Schedule CIP 220, Expenditure Summary by Category and Sub-Category

This schedule presents each year and six-year total expenditure information, as well as Budget Year Appropriation figures in summary form, organized by category and sub-category within each category. Data are presented for the following categories: Conservation of Natural Resources, Culture and Recreation, General Government, Health and Human Services, Housing and Community Development, HOC, M-NCPPC, Montgomery College, MCPS, Public Safety, Revenue Authority, Solid Waste-Sanitation, Transportation, WMATA, and WSSC. Estimated figures for the current year, aggregated figures for all prior years, and totals are also displayed.

Schedule CIP 210, All Agency Funding Summary

This schedule presents each year and six-year total funding information, in summary form, organized by funding source. Total funding from all sources which support the Capital Improvements Program is summarized here. Estimated figures for the current year, aggregated figures for all prior years, and totals are also displayed.

Schedule CIP 260P2, Detail by Revenue Source, Department/Agency, and Project

This schedule displays each year and six-year total funding information for each project funded by each funding source. The funding source presented on each page is noted at the top of the sheet, and the projects are sorted by implementing department or agency within each funding source listing. Note that a project with multiple funding sources will appear on multiple sheets within this schedule. Estimated figures for the current year, aggregated figures for all prior years, and totals are also displayed.

SIX-YEAR CIP EXPENDITURES BY AGENCY

	FY15-20 AMENDED EXCLUDES WSSC (\$000s)	FY17-22 APPROVED EXCLUDES WSSC (\$000s)	PERCENT CHANGE	PERCENT OF TOTAL APPROVED
TAX SUPPORTED COUNTY GOVERNMENT				
General Government	468,932	526,695	12.3%	11.4%
Public Safety	236,248	156,415	-33.8%	3.4%
Transportation	1,129,298	1,120,821	-0.8%	24.3%
Bridges, Roads, Traffic Improvements	423,612	385,249		
Mass Transit - County Programs	248,360	306,863		
Parking	36,162	38,342		
Other Transportation	421,164	390,367		
Health and Human Services	36,996	15,964	-56.8%	0.3%
Libraries and Recreation	174,284	116,437	-33.2%	2.5%
Conservation of Natural Resources	25,065	20,810	-17.0%	0.5%
Housing and Community Development	39,251	36,300	-7.5%	0.8%
County Government without Stormwater	2,110,074	1,993,442	-5.5%	43.1%
Stormwater Management	362,934	347,208	-4.3%	7.5%
Subtotal: County Government	2,473,008	2,340,650	-5.4%	50.7%
OTHER AGENCIES				
MCPS	1,543,670	1,729,459	12.0%	37.4%
Montgomery College	354,494	333,268	-6.0%	7.2%
M-NCPPC	178,231	184,158	3.3%	4.0%
Housing Opportunities Commission	7,500	9,400	25.3%	0.2%
Revenue Authority	23,726	24,251	2.2%	0.5%
Subtotal: Other Agencies	2,107,621	2,280,536	8.2%	49.3%
Grand Total: All Agencies (Excludes WSSC)	4,580,629	4,621,186	0.9%	100.0%
WSSC				
	FY16-21 APPROVED WSSC ONLY	FY17-22 APPROVED WSSC ONLY	PERCENT CHANGE	
Washington Suburban Sanitary Commission	1,610,262	1,595,400	-0.9%	

NOTE: WSSC is governed by state law and is the only agency for which the County Council adopts an annual CIP

SIX-YEAR CIP EXPENDITURES TAX SUPPORTED AND NON-TAX SUPPORTED

	FY15-20 AMENDED EXCLUDES WSSC (\$000s)	FY17-22 APPROVED EXCLUDES WSSC (\$000s)	PERCENT CHANGE	PERCENT OF TOTAL APPROVED
TAX SUPPORTED COUNTY GOVERNMENT				
General Government	468,932	526,695	12.3%	11.4%
Public Safety	236,248	156,415	-33.8%	3.4%
Transportation	1,129,298	1,120,821	-0.8%	24.3%
Health and Human Services	36,996	15,964	-56.8%	0.3%
Libraries and Recreation	174,284	116,437	-33.2%	2.5%
Conservation of Natural Resources	25,065	20,810	-17.0%	0.5%
Housing and Community Development	39,251	36,300	-7.5%	0.8%
SUBTOTAL: COUNTY GOVERNMENT	2,110,074	1,993,442	-5.5%	43.1%
OTHER TAX SUPPORTED AGENCIES				
MCPS	1,543,670	1,729,459	12.0%	37.4%
Montgomery College	354,494	333,268	-6.0%	7.2%
M-NCPPC	178,231	184,158	3.3%	4.0%
SUBTOTAL: OTHER AGENCIES	2,076,395	2,246,885	8.2%	48.6%
TOTAL: TAX SUPPORTED AGENCIES	4,186,469	4,240,327	1.3%	91.8%
NON-TAX SUPPORTED AGENCIES AND FUNDS				
Stormwater Management	362,934	347,208	-4.3%	7.5%
Housing Opportunities Commission	7,500	9,400	25.3%	0.2%
Revenue Authority	23,726	24,251	2.2%	0.5%
TOTAL: NON-TAX SUPPORTED	394,160	380,859	-3.4%	8.2%
GRAND TOTAL: ALL AGENCIES	4,580,629	4,621,186	0.9%	100.0%

	FY16-21 APPROVED WSSC ONLY	FY17-22 APPROVED WSSC ONLY	PERCENT CHANGE
WSSC			
Washington Suburban Sanitary Commission	1,610,262	1,595,400	-0.9%

NOTE: WSSC is governed by state law and is the only agency for which the County Council adopts an annual CIP

**SIX-YEAR CIP
MAJOR FUNDING CATEGORIES**

FUNDING SOURCE	FY15-20 AMENDED EXCLUDES WSSC (\$000S)	FY17-22 APPROVED EXCLUDES WSSC (\$000S)	PERCENT CHANGE	PERCENT OF TOTAL APPROVED
General Obligation Bonds	2,032,228	1,770,880	-12.9%	38.3%
General Paygo	199,950	204,000	2.0%	4.4%
Agency Bonds	42,248	41,264	-2.3%	0.9%
Revenue Bonds	300,337	323,357	7.7%	7.0%
Current Revenue - General Fund	306,303	324,429	5.9%	7.0%
Current Revenue - Other Tax-Supported	99,848	121,374	21.6%	2.6%
Current Revenue - Non-Tax Supported	90,516	97,467	7.7%	2.1%
Recordation Tax	177,999	373,700	109.9%	8.1%
Recordation Tax - Premium	49,238	99,341	101.8%	2.1%
Intergovernmental Revenues	573,862	584,923	1.9%	12.7%
Impact Taxes - Transportation	44,528	50,605	13.6%	1.1%
Impact Taxes - Schools	229,414	212,839	-7.2%	4.6%
Short & Long Term Financing	191,046	201,022	5.2%	4.4%
Interim Financing	59,014	(3,386)	-105.7%	-0.1%
HIF Revolving Program	7,280	21,252	191.9%	0.5%
Contributions	31,155	21,190	-32.0%	0.5%
Other	145,663	176,929	21.5%	3.8%
TOTAL SIX-YEAR CIP	4,580,629	4,621,186	0.9%	100.0%
WSSC (Note)	FY16-21 APPROVED WSSC ONLY (\$000S)	FY17-22 APPROVED WSSC ONLY (\$000S)	PERCENT CHANGE	PERCENT OF TOTAL APPROVED
AGENCY BONDS	1,455,182	1,444,267	-0.8%	90.5%
INTERGOVERNMENTAL REVENUES	116,436	98,414	-15.5%	6.2%
CONTRIBUTIONS	18,050	29,952	65.9%	1.9%
OTHER	20,594	22,767	10.6%	1.4%
TOTAL SIX-YEAR CIP	1,610,262	1,595,400	-0.9%	100.0%
NOTE: WSSC is governed by state law and is the only agency for which the County Council adopts an annual CIP.				

FISCAL COMPARISONS

GENERAL OBLIGATION BONDS AND TAX SUPPORTED CURRENT REVENUES

FY15-20 AMENDED VS. FY17-22 APPROVED

(\$ millions)

	AMENDED FY15-20	APPROVED FY17-22	\$ CHANGE	% CHANGE	AMENDED FY15-20	APPROVED FY17-22	\$ CHANGE	% CHANGE
TOTAL AGENCY EXPENDITURES	4,580.6	4,621.2	40.6	0.9%	TAX SUPPORTED EXPENDITURES	4,186.5	4,240.3	53.9 1.3%
I. BONDS (refer to Bond Adjustment Chart)								
TAX SUPPORTED CURRENT REVENUES (refer to Current Revenue Adjustment Chart) (c)								
PENDING AFFORDABILITY LIMITS (AG)	1,999.5	2,040.0	40.5	2.0%	TOTAL AVAILABLE TAX SUPPORTED CURRENT REVENUES	390.4	415.9	25.5 6.5%
AYGO (Current Revenues)	200.0	204.0	4.0	2.0%	SET ASIDE FOR FUTURE PROJECTS	0.0	0.0	0.0 0.0%
AVAILABLE FOR DEBT ELIGIBLE EXPENDITURES (GO BONDS) (a)	2,254.0	2,151.0	(103.0)	-4.6%	AVAILABLE FOR CURRENT REVENUE FUNDED APPROPRIATIONS	390.4	415.9	25.5 6.5%
SET ASIDE FOR FUTURE PROJECTS	102.2	267.5	165.3	161.7%				
PROGRAMMED DEBT ELIGIBLE EXPENDITURES (b)	2,232.2	1,974.9	(257.3)	-11.5%	PROGRAMMED CURRENT REVENUE FUNDED EXPENDITURES	390.4	415.9	25.5 6.5%
% of all agency expenditures	48.7%	42.7%			% of all agency expenditures	8.5%	9.0%	
% of tax supported expenditures	53.3%	46.6%			% of tax supported expenditures	9.3%	9.8%	

Notes:

"Available for Debt Eligible Expenditures" is the total of bonds planned for issue and PAYGO, after adjustments for inflation and implementation.

"Programmed Debt Eligible Expenditures" is the total of G.O. Bond funded expenditures allocated to specific projects on Project Description Forms (PDFs) plus credit for programmed unspent prior year expenditures.

"Tax Supported Current Revenues" includes revenues of the General, Economic Development Fund (EDF), Mass Transit, Fire, Urban District and Park Funds.

GENERAL OBLIGATION BOND ADJUSTMENT CHART

FY17-22 Capital Improvements Program

COUNTY COUNCIL APPROVED

May 26, 2016

(\$ millions)	6 YEARS	FY17	FY18	FY19	FY20	FY21	FY22
BONDS PLANNED FOR ISSUE	2,040.000	340.000	340.000	340.000	340.000	340.000	340.000
Plus PAYGO Funded	204.000	34.000	34.000	34.000	34.000	34.000	34.000
Adjust for Implementation **	-	-	-	-	-	-	-
Adjust for Future Inflation **	(93.042)	-	-	(9.122)	(18.715)	(28.055)	(37.150)
SUBTOTAL FUNDS AVAILABLE FOR DEBT ELIGIBLE PROJECTS (after adjustments)	2,150.958	374.000	374.000	364.878	355.285	345.945	336.850
Less Set Aside: Future Projects	267.476	10.381	21.613	28.667	47.867	59.527	99.421
	12.44%						
TOTAL FUNDS AVAILABLE FOR PROGRAMMING	1,883.482	363.619	352.387	336.211	307.418	286.418	237.429
MCPS	(714.429)	(142.802)	(118.928)	(163.107)	(141.413)	(91.921)	(56.258)
MONTGOMERY COLLEGE	(145.538)	(30.585)	(36.685)	(10.442)	(14.343)	(21.651)	(31.832)
M-NCPPC PARKS	(69.931)	(11.703)	(11.230)	(11.648)	(10.970)	(12.430)	(11.950)
TRANSPORTATION	(556.315)	(66.571)	(80.453)	(86.830)	(103.133)	(112.201)	(107.127)
MCG - OTHER	(488.667)	(170.382)	(137.070)	(65.179)	(37.559)	(48.215)	(30.262)
Programming Adjustment - Unspent Prior Years*	91.398	58.424	31.979	0.995	-	-	-
	-						
SUBTOTAL PROGRAMMED EXPENDITURES	(1,883.482)	(363.619)	(352.387)	(336.211)	(307.418)	(286.418)	(237.429)
AVAILABLE OR (GAP)	-	-	-	-	-	-	-
NOTES:							
* See additional information on the GO Bond Programming Adjustment for Unspent Prior Year Detail Chart							
** Adjustments Include:							
Inflation =		1.80%	2.30%	2.50%	2.70%	2.70%	2.70%
Implementation Rate =		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

GENERAL OBLIGATION BOND ADJUSTMENT CHART

FY15-20 Amended Capital Improvements Program

COUNTY COUNCIL APPROVED

MAY 21, 2015

	6 YEARS						
(\$ millions)	FY15	FY16	FY17	FY18	FY19	FY20	
BONDS PLANNED FOR ISSUE	1,999,500	340,000	340,000	340,000	340,000	340,000	
Plus PAYGO Funded	199,950	34,000	34,000	34,000	34,000	34,000	
Adjust for Implementation **	138,948	19,370	18,911	18,437	17,934	17,393	
Adjust for Future Inflation **	(84,350)	-	(8,051)	(16,383)	(25,208)	(34,708)	
SUBTOTAL FUNDS AVAILABLE FOR	2,254,048	393,370	384,861	376,053	366,726	356,685	
DEBT ELIGIBLE PROJECTS (after adjustments)	102,154	14,521	15,779	17,182	19,436	35,236	
Less Set Aside: Future Projects	4.53%						
TOTAL FUNDS AVAILABLE FOR PROGRAMMING	2,151,894	378,849	369,082	358,871	347,290	321,449	
MCPs	(775,677)	(155,320)	(135,205)	(131,147)	(133,064)	(93,673)	
MONTGOMERY COLLEGE	(156,823)	(16,081)	(28,116)	(36,215)	(12,436)	(26,755)	
M-NCPPC PARKS	(72,616)	(11,103)	(13,385)	(12,987)	(13,496)	(11,856)	
TRANSPORTATION	(622,524)	(90,447)	(79,354)	(90,462)	(125,576)	(139,127)	
MCG - OTHER	(604,569)	(122,779)	(118,123)	(90,377)	(62,852)	(50,038)	
Programming Adjustment - Unspent Prior Years*	80,315	16,881	5,101	2,317	0,134	-	
SUBTOTAL PROGRAMMED EXPENDITURES	(2,151,894)	(378,849)	(369,082)	(358,871)	(347,290)	(321,449)	
AVAILABLE OR (GAP)	-	-	-	-	-	-	
NOTES:							
* See additional information on the GO Bond Programming Adjustment for Unspent Prior Year Detail Chart							
** Adjustments Include:							
Inflation =	2.03%	1.98%	2.20%	2.33%	2.53%	2.80%	
Implementation Rate =	86.46%	94.61%	94.61%	94.61%	94.61%	94.61%	

GENERAL OBLIGATION BONDS - PROGRAMMING ADJUSTMENT FOR UNSPENT PRIOR YEARS FY17-22 CAPITAL IMPROVEMENTS PROGRAM COUNTY council approved May 26, 2016							
PDF Name and No.	Total	FY17	FY18	FY19	FY20	FY21	FY22
Montgomery County Public Schools							
Sargent Shriver ES Addition	0.136	0.136	-	-	-	-	-
Kemp Mill ES Addition	0.310	0.310	-	-	-	-	-
Highland ES Addition	0.285	0.285	-	-	-	-	-
Glen Haven ES Addition	0.147	0.147	-	-	-	-	-
Brookhaven ES Addition	0.192	0.192	-	-	-	-	-
Sub-Total	1.070	1.070	-	-	-	-	-
Montgomery College							
Macklin Tower Alterations (P036603)	4.516	2.000	2.516	-	-	-	-
Computer Science Alterations (P046602)	0.200	0.100	0.100	-	-	-	-
Bioscience Education Center (P056603)	0.100	0.050	0.050	-	-	-	-
Elevator Modernization: College (P056608)	0.200	0.200	-	-	-	-	-
Science West Building Renovation (P076622)	0.044	0.044	-	-	-	-	-
Germantown Observation Drive Reconstruction (P096604)	0.650	0.350	0.300	-	-	-	-
Rockville Parking Garage (P136601)	0.100	0.050	0.050	-	-	-	-
PLAR College (P926659)	(0.024)	(0.024)	-	-	-	-	-
Sub-Total	5.786	2.770	3.016	-	-	-	-
M-NCPPC Parks							
Laytonia Recreational Park (P038703)	(2.377)	(2.081)	(0.296)	-	-	-	-
Brookside Gardens Master Plan Implementation (P078702)	(1.467)	(1.467)	-	-	-	-	-
Rock Creek Maintenance Facility (P18702)	(6.776)	(2.900)	(2.044)	(1.832)	-	-	-
Sub-Total	(10.620)	(6.448)	(2.340)	(1.832)	-	-	-
Transportation							
Montrose Parkway East (P500717)	3.300	3.300	-	-	-	-	-
Goshen Road South (P501107)	(0.466)	(0.466)	-	-	-	-	-
Subdivision Road Participation (P508000)	0.628	0.628	-	-	-	-	-
Dedicated but Unmaintained County Roads (P501117)	0.044	0.022	0.022	-	-	-	-
Gold Mine Road Bridge M-0096 (P501302)	0.250	0.250	-	-	-	-	-
MD 355 Sidewalk (Hyattstown) (P501104)	0.465	0.465	-	-	-	-	-
Bikeway Program – Minor Projects (P507596)	0.030	0.030	-	-	-	-	-
Platt Ridge Drive Extended (P501200)	1.275	1.275	-	-	-	-	-
Bethesda Bikeway and Pedestrian Facilities (P500119)	(0.134)	(0.134)	-	-	-	-	-
Needwood Road Bikepath (P501304)	(1.227)	(1.227)	-	-	-	-	-
Silver Spring Green Trail (P509975)	0.434	0.118	0.164	0.152	-	-	-
Bethesda Metro South Entrance (P500929)	0.357	0.357	-	-	-	-	-
Capital Crescent Trail (P501316)	2.169	2.169	-	-	-	-	-
Sub-Total	7.125	6.787	0.186	0.152	-	-	-
MCG - Other							
Public Safety System Modernization (P340901)	38.004	12.118	25.886	-	-	-	-
Wheaton Redevelopment Program (P150401)	7.330	7.330	-	-	-	-	-
White Flint Fire Station #23 (P451502)	2.811	2.811	-	-	-	-	-
PSTA Academic Building Complex (P479909)	5.525	0.175	5.175	0.175	-	-	-
Pre-Release Center Dietary Facilities Improvements(P420900)	0.077	0.071	0.006	-	-	-	-
Judicial Center Annex (P100300)	4.010	3.960	0.050	-	-	-	-
School Based Health & Linkages to Learning Centers (P640400)	(0.045)	(0.045)	-	-	-	-	-
Avery Road Treatment Center (P601502)	0.035	0.035	-	-	-	-	-
ADA Compliance: MCG (P361107)	4.000	4.000	-	-	-	-	-
Child Care in Schools (P649187)	0.613	0.613	-	-	-	-	-
Sub-Total	62.360	31.068	31.117	0.175	-	-	-
Slippage Used Elsewhere							
Public Safety System Modernization (P340901)	2.477	2.477	-	-	-	-	-
PSTA Academic Building Complex (P479909)	0.037	0.037	-	-	-	-	-
Bethesda CBD Streetscape (P500102)	0.245	0.245	-	-	-	-	-
Montrose Parkway East (P500717)	2.801	2.801	-	-	-	-	-
Public Safety System Modernization (P340901)	9.600	9.600	-	-	-	-	-
Children's Resource Center (P641300)	0.487	0.487	-	-	-	-	-
ADA Compliance: MCG (P361107)	2.000	2.000	-	-	-	-	-
Glenmont Metro Parking Expansion (P500552)	0.363	0.363	-	-	-	-	-
MacArthur Blvd Bikeway Improvements (P500718)	0.280	0.280	-	-	-	-	-
Lytonsville Place Bridge (P501421)	0.100	0.100	-	-	-	-	-
Wheaton Library and Community Rec Center	2.500	-	-	2.500	-	-	-
Stringtown Road	0.154	0.154	-	-	-	-	-
Dennis Avenue Health Center	3.700	3.700	-	-	-	-	-
Progress Place	0.087	0.087	-	-	-	-	-
Council Office Building Renovations	0.846	0.846	-	-	-	-	-
Sub-Total	25.677	23.177	-	2.500	-	-	-
Total Programming Adjustment	91.398	58.424	31.979	0.995	-	-	-

GENERAL OBLIGATION BONDS - PROGRAMMING ADJUSTMENT FOR UNSPENT PRIOR YEARS
FY15-20 AMENDED CAPITAL IMPROVEMENTS PROGRAM
COUNTY COUNCIL APPROVED
May 21, 2015

PDF Name and No.	Total	FY15	FY16	FY17	FY18	FY19	FY20
Montgomery College							
Macklin Tower Alterations (P036603)	2.016	2.016	-	-	-	-	-
Computer Science Alterations (P046602)	(0.034)	(0.034)	-	-	-	-	-
Elevator Modernization: College (P056608)	1.200	0.400	0.400	0.400	-	-	-
Science East Building Renovation (P076623)	1.000	1.000	-	-	-	-	-
Health Sciences Expansion (P096603)	-	-	-	-	-	-	-
Sub-Total	4.182	3.382	0.400	0.400	-	-	-
M-NCPPC Parks							
Brookside Gardens Master Plan Implementation (P078702)	(0.698)	(0.698)	-	-	-	-	-
Legacy Open Space (P018710)	(0.158)	(0.158)	-	-	-	-	-
Sub-Total	(0.856)	(0.856)	-	-	-	-	-
Transportation							
Montrose Parkway East (P500717)	4.544	4.544	-	-	-	-	-
Chapman Avenue Extended (P500719)	0.716	0.716	-	-	-	-	-
Goshen Road South (P501107)	2.801	1.087	0.752	0.962	-	-	-
Snouffer School Road (P501109)	0.295	0.295	-	-	-	-	-
Dedicated but Unmaintained County Roads (P501117)	0.037	0.037	-	-	-	-	-
Subdivision Roads Participation (P508000)	4.513	0.276	1.025	2.917	0.295	-	-
Whites Ferry Road Bridges No.M-0187B and M-0189B (P501301)	1.227	1.227	-	-	-	-	-
Gold Mine Road Bridge M-0096 (P501302)	1.797	0.925	0.872	-	-	-	-
Bridge Design (P509132)	0.541	0.541	-	-	-	-	-
Bethesda Bikeway and Pedestrian Facilities (P500119)	0.180	0.004	0.004	0.172	-	-	-
MD 355 Sidewalk (Hyattstown) (P501104)	0.714	0.714	-	-	-	-	-
Metropolitan Branch Trail (P501110)	1.086	1.086	-	-	-	-	-
Needwood Road Bikepath (P501304)	(0.312)	(0.312)	-	-	-	-	-
ADA Compliance: Transportation (P509325)	0.419	0.419	-	-	-	-	-
Transportation Improvements For Schools (P509036)	0.344	0.344	-	-	-	-	-
Redland Rd from Crabbs Branch Way - Baederwood La (P500010)	0.318	0.318	-	-	-	-	-
Bus Stop Improvements (P507658)	1.072	1.072	-	-	-	-	-
Travilah Road (P500101)	0.813	0.813	-	-	-	-	-
Montrose Parkway West (P500311)	0.361	0.361	-	-	-	-	-
Nebel Street Extended (P500401)	1.240	1.240	-	-	-	-	-
Father Hurley Ave (P500516)	1.493	1.493	-	-	-	-	-
Watkins Mill Road (P500724)	0.592	0.592	-	-	-	-	-
Norbeck Road (P509321)	0.036	0.036	-	-	-	-	-
Bethesda Bikeway and Pedestrian Facilities (P500119)	(0.079)	(0.079)	-	-	-	-	-
Bridge Design (P509132)	(0.534)	(0.534)	-	-	-	-	-
Colesville Depot (P500709)	1.750	0.123	1.627	-	-	-	-
Bethesda Metro South (P500929)	2.905	0.680	2.225	-	-	-	-
Wapakoneta Rd Improvements (P501101)	0.400	0.127	0.273	-	-	-	-
Sub-Total	29.268	18.144	6.778	4.051	0.295	-	-
MCG - Other							
Energy Conservation: MCG (P507834)	0.300	0.150	0.150	-	-	-	-
Clarksburg Fire Station (P450300)	2.046	-	-	-	1.962	0.084	-
FS Emergency Power System Upgrade (P450700)	1.860	0.600	0.600	0.600	0.060	-	-
Glenmont FS 18 Replacement (P450900)	11.639	6.806	4.833	-	-	-	-
Kensington (Aspen Hill) FS 25 Addition (P450903)	0.419	-	0.419	-	-	-	-
HVAC/Elec Replacement: Fire Stns (P458756)	1.039	1.039	-	-	-	-	-
Ross Boddy Neighborhood Recreation Center (P720919)	8.417	8.417	-	-	-	-	-
North Potomac Community Recreation Center (P720102)	11.996	11.996	-	-	-	-	-
Recreation Facility Modernization (P720917)	0.142	0.042	-	0.050	-	0.050	-
Wheaton Library and Community Recreation Center (P361202)	1.327	1.327	-	-	-	-	-
School Based Health & Linkages to Learning Centers (P640400)	0.248	-	0.248	-	-	-	-
Children's Resource Center (P641300)	-	-	-	-	-	-	-
Burtonsville Community Revitalization (P760900)	2.301	0.500	1.801	-	-	-	-
Silver Spring Civic Building (159921)	0.118	0.118	-	-	-	-	-
1301 Piccard Loading Dock (P361205)	0.064	0.064	-	-	-	-	-
Germantown Library Reuse (P500710)	0.051	0.051	-	-	-	-	-
Montgomery County Govt Complex (P360901)	2.993	1.341	1.652	-	-	-	-
Travilah Fire Station (P450504)	0.700	0.700	-	-	-	-	-
Wheaton Rescue Squad (P450505)	0.500	0.500	-	-	-	-	-
3rd District Police Station (P470302)	1.000	1.000	-	-	-	-	-
PSTA Academic Complex (P479909)	0.800	0.800	-	-	-	-	-

GENERAL OBLIGATION BONDS - PROGRAMMING ADJUSTMENT FOR UNSPENT PRIOR YEARS
FY15-20 AMENDED CAPITAL IMPROVEMENTS PROGRAM
COUNTY COUNCIL APPROVED
May 21, 2015

PDF Name and No.	Total	FY15	FY16	FY17	FY18	FY19	FY20
North Potomac Community Recreation Center (P720102)	(0.028)	(0.028)	-	-	-	-	-
Ross Boddy Neighborhood Recreation Center (P720919)	(0.125)	(0.125)	-	-	-	-	-
FS Emergency Power System Upgrade (P450700)	(0.218)	(0.218)	-	-	-	-	-
Council Office Building Renovations (P010100)	0.132	0.132					
Sub-Total	47.721	35.212	9.703	0.650	2.022	0.134	-
Total Programming Adjustment	80.315	55.882	16.881	5.101	2.317	0.134	-

TAX SUPPORTED CURRENT REVENUES ADJUSTMENT CHART

FY17-22 Capital Improvements Program

COUNTY COUNCIL APPROVED

May 26, 2016

(\$ MILLIONS)	6 YEARS	FY17 APPROP (1)	FY18 EXP	FY19 EXP	FY20 EXP	FY21 EXP	FY22 EXP
TAX SUPPORTED CURRENT REVENUES AVAILABLE	434.667	45.772	80.785	82.693	75.193	78.043	72.181
Adjust for Future Inflation *	(18.804)	-	-	(2.017)	(3.763)	(5.854)	(7.170)
SUBTOTAL CURRENT REVENUE FUNDS AVAILABLE FOR ELIGIBLE PROJECTS (after adjustments)	415.863	45.772	80.785	80.676	71.430	72.189	65.011
Less Set Aside: Future Projects	-	-	-	-	-	-	-
TOTAL FUNDS AVAILABLE FOR PROGRAMMING	415.863	45.772	80.785	80.676	71.430	72.189	65.011
GENERAL FUND							
MCPS	(99.543)	(5.646)	(24.702)	(19.181)	(17.112)	(16.455)	(16.447)
MONTGOMERY COLLEGE	(83.788)	(8.548)	(15.048)	(15.048)	(15.048)	(15.048)	(15.048)
M-NCPPC	(21.543)	(3.133)	(2.738)	(3.438)	(3.438)	(4.398)	(4.398)
HOC	(9.400)	(1.250)	(2.550)	(1.850)	(1.250)	(1.250)	(1.250)
TRANSPORTATION	(51.567)	(7.230)	(8.856)	(8.166)	(8.351)	(9.547)	(9.417)
MC GOVERNMENT	(28.986)	(7.016)	(5.015)	(5.345)	(4.460)	(3.600)	(3.550)
SUBTOTAL - GENERAL FUND	(294.827)	(32.823)	(58.909)	(53.028)	(49.659)	(50.298)	(50.110)
MASS TRANSIT FUND	(93.946)	(8.878)	(18.499)	(24.404)	(16.305)	(16.425)	(9.435)
FIRE CONSOLIDATED FUND	(24.990)	(3.721)	(3.027)	(2.894)	(5.116)	(5.116)	(5.116)
PARK FUND	(2.100)	(0.350)	(0.350)	(0.350)	(0.350)	(0.350)	(0.350)
SUBTOTAL - OTHER TAX SUPPORTED	(121.036)	(12.949)	(21.876)	(27.648)	(21.771)	(21.891)	(14.901)
TOTAL PROGRAMMED EXPENDITURES	(415.863)	(45.772)	(80.785)	(80.676)	(71.430)	(72.189)	(65.011)
AVAILABLE OR (GAP) TO BE SOLVED	-	-	-	-	-	-	-

* Inflation: 1.80% 2.30% 2.50% 2.70% 2.70% 2.70%

Note:

(1) FY17 APPROP equals new appropriation authority. Additional current revenue funded appropriations will require drawing on operating fund balances.

TAX SUPPORTED CURRENT REVENUES ADJUSTMENT CHART

FY15-20 Amended Capital Improvements Program

COUNTY COUNCIL APPROVED

May 21, 2015

(\$ MILLIONS)	6 YEARS	FY15 APPROP	FY16 APPROP (1)	FY17 EXP	FY18 EXP	FY19 EXP	FY20 EXP
TAX SUPPORTED CURRENT REVENUES AVAILABLE	407.575	51.369	57.668	69.841	71.262	79.335	78.100
Adjust for Future Inflation *	(17.220)	-	-	(1.503)	(3.122)	(5.347)	(7.248)
SUBTOTAL CURRENT REVENUE FUNDS AVAILABLE FOR ELIGIBLE PROJECTS (after adjustments)	390.355	51.369	57.668	68.338	68.140	73.988	70.852
Less Set Aside: Future Projects	-	-	-	-	-	-	-
TOTAL FUNDS AVAILABLE FOR PROGRAMMING	390.355	51.369	57.668	68.338	68.140	73.988	70.852
GENERAL FUND							
MCPS	(113.086)	(8.467)	(18.245)	(25.542)	(21.038)	(19.979)	(19.815)
MONTGOMERY COLLEGE	(75.198)	(11.471)	(10.957)	(13.179)	(13.197)	(13.197)	(13.197)
M-NCPPC	(16.788)	(2.798)	(2.798)	(2.798)	(2.798)	(2.798)	(2.798)
HOC	(7.500)	(1.250)	(1.250)	(1.250)	(1.250)	(1.250)	(1.250)
TRANSPORTATION	(42.542)	(6.511)	(4.546)	(8.412)	(6.896)	(8.056)	(8.121)
MC GOVERNMENT	(36.963)	(14.623)	(5.790)	(4.400)	(3.650)	(4.200)	(4.300)
SUBTOTAL - GENERAL FUND	(292.077)	(45.120)	(43.586)	(55.581)	(48.829)	(49.480)	(49.481)
MASS TRANSIT FUND	(75.030)	0.491	(13.732)	(8.186)	(15.934)	(21.764)	(15.905)
FIRE CONSOLIDATED	(20.503)	(5.745)	-	(4.221)	(3.027)	(2.394)	(5.116)
RECREATION FUND	(0.645)	(0.645)	-	-	-	-	-
PARK FUND	(2.100)	(0.350)	(0.350)	(0.350)	(0.350)	(0.350)	(0.350)
SUBTOTAL - OTHER TAX SUPPORTED	(98.278)	(6.249)	(14.082)	(12.757)	(19.311)	(24.508)	(21.371)
TOTAL PROGRAMMED EXPENDITURES	(390.355)	(51.369)	(57.668)	(68.338)	(68.140)	(73.988)	(70.852)
AVAILABLE OR (GAP) TO BE SOLVED	-	-	-	-	-	-	-

* Inflation: 2.03% 1.98% 2.20% 2.33% 2.53% 2.80%

Note:

(1) FY16 APPROP equals new appropriation authority. Additional current revenue funded appropriations will require drawing on operating budget fund balances.

M-NCPPC BOND ADJUSTMENT CHART

FY17-22 Capital Improvements Program

COUNTY COUNCIL APPROVED

May 26, 2016

(\$ millions)	6 YEARS	FY17	FY18	FY19	FY20	FY21	FY22
BONDS PLANNED FOR ISSUE Assumes Council SAG	39.000	6.500	6.500	6.500	6.500	6.500	6.500
Adjust for Implementation *	6.035	1.006	1.006	1.006	1.006	1.006	1.006
Adjust for Future Inflation *	(1.664)	-	-	(0.149)	(0.324)	(0.504)	(0.688)
SUBTOTAL FUNDS AVAILABLE FOR DEBT ELIGIBLE PROJECTS (after adjustments)	43.370	7.506	7.506	7.357	7.182	7.002	6.818
Less Set Aside: Future Projects 17.6%	7.636	1.255	1.232	1.089	1.374	0.752	1.934
TOTAL FUNDS AVAILABLE FOR PROGRAMMING	35.734	6.251	6.274	6.268	5.808	6.250	4.884
Programmed P&P Bond Expenditures	(41.264)	(7.218)	(7.244)	(7.238)	(6.707)	(7.217)	(5.640)
Programming adjustment - unspent prior years		0.967	0.971	0.970	0.899	0.967	0.756
SUBTOTAL PROGRAMMED EXPENDITURES	(35.735)	(6.251)	(6.273)	(6.268)	(5.808)	(6.250)	(4.884)
AVAILABLE OR (GAP) TO BE SOLVED	(0.000)	(0.000)	0.000	(0.000)	(0.000)	0.000	(0.000)

NOTES:

* Adjustments Include:

Inflation =	1.64%	1.97%	2.29%	2.63%	2.63%	2.63%
Implementation Rate =	86.60%	86.60%	86.60%	86.60%	86.60%	86.60%

M-NCPPC BOND ADJUSTMENT CHART

FY15-20 Amended Capital Improvements Program

COUNTY COUNCIL APPROVED

May 21, 2015

(\$ millions)	6 YEARS	FY15	FY16	FY17	FY18	FY19	FY20
BONDS PLANNED FOR ISSUE Assumes Council SAG	36.000	6.000	6.000	6.000	6.000	6.000	6.000
Adjust for Implementation *	11.549	2.000	2.000	1.957	1.912	1.865	1.814
Adjust for Future Inflation *	(1.353)	-	-	(0.129)	(0.263)	(0.404)	(0.557)
SUBTOTAL FUNDS AVAILABLE FOR							
DEBT ELIGIBLE PROJECTS (after adjustments)	46.196	8.000	8.000	7.828	7.650	7.461	7.258
Less Set Aside: Future Projects 8.5%	3.948	0.495	0.878	0.807	0.602	0.421	0.746
TOTAL FUNDS AVAILABLE FOR PROGRAMMING	42.248	7.505	7.122	7.021	7.048	7.040	6.512
Programmed P&P Bond Expenditures	(42.248)	(7.505)	(7.122)	(7.021)	(7.048)	(7.040)	(6.512)
SUBTOTAL PROGRAMMED EXPENDITURES	(42.248)	(7.505)	(7.122)	(7.021)	(7.048)	(7.040)	(6.512)
AVAILABLE OR (GAP) TO BE SOLVED	-	-	-	-	-	-	-
NOTES:							
* Adjustments Include:							
Inflation =		2.03%	1.98%	2.20%	2.33%	2.53%	2.80%
Implementation Rate =		75.00%	75.00%	75.00%	75.00%	75.00%	75.00%

FY17-22 Budgetary Assumptions of State Aid for School Construction (\$000s)

Projects by Category & Priority	FY16	FY17-22	FY17	FY18	FY19	FY20	FY21	FY22
Balance of Funding								
Weller Road ES	2,654	-						
<i>Subtotal, Balance of Funding</i>	2,654	-						
Construction Funding								
Bradley Hills ES	4,305	-						
Damestown ES	2,434	-						
Wyngate ES	2,838	-						
Georgian Forest ES	1,197	-						
Westbrook ES	2,068	-						
Viers Mill ES	336	-						
Gaithersburg HS	24,465	10,198	10,198					
Clarksburg Cluster ES	-	8,585	8,585					
Bel Pre ES	-	5,753	5,753					
Rock Creek Forest ES	-	8,812	8,812					
Candlewood ES	-	5,886	5,886					
Clarksburg/Damascus MS	-	4,995	4,995					
William H. Farquhar MS	-	-	-					
Wheaton HS	-	-	-					
Julius West MS	-	-	-					
Wood Acres ES	-	-	-					
Wheaton Woods ES	-	3,846	-	3,846				
Brown Station ES	-	3,987	-	3,987				
Wayside ES	-	2,746	-	2,746				
<i>Subtotal, Construction</i>	37,643	44,229	44,229	10,579	-	-	-	-
Planning & Construction								
Clarksburg HS	-	-	-					
North Chevy Chase ES	-	-	-					
Rosemary Hills ES	-	-	-					
Bethesda ES	-	-	-					
Arcola ES	-	-	-					
Waters Landing ES	-	-	-					
Bethesda/Chevy Chase MS	-	5,987	-	5,987				
Thomas Edison HS of Technology	-	6,018	-	6,018				
Seneca Valley HS	-	29,137	-	-	14,569	14,568		
Northwest ES #8 (New)	-	7,090	-	3,545	3,545			
Diamond ES	-	1,845	-	1,845				
Richard Montgomery ES #5	-	7,753	-	3,877	3,876			
Bethesda /Chevy Chase HS	-	5,789	-	2,895	2,894			
North Bethesda MS	-	4,023	-	2,012	2,011			
Lucy V. Barnsley ES	-	2,332	-	2,332				
Kensington-Parkwood ES Addition	-	1,906	-	1,906				
Brookhaven ES	-	1,145	-	-	1,145			
Glen Haven ES	-	872	-	-	872			
Highland ES	-	1,697	-	-	1,697			
Kemp Mill ES	-	1,840	-	-	1,840			
Sargent Shriver ES	-	810	-	-	810			
Luxmanor ES	-	4,487	-	-	-	2,244	2,243	
Maryvale ES	-	10,602	-	-	-	5,301	5,301	
Potomac ES	-	4,574	-	-	2,287	2,287		
Tilden @ Woodward MS	-	12,292	-	-	-	6,146	6,146	
Wootton HS	-	22,826	-	-	11,413	11,413		
Ashburton ES	-	3,610	-	-	3,610			
Judith A. Resnik ES	-	5,756	-	-	5,756			
Burtonsville ES	-	6,409	-	-	3,205	3,204		
S. Christa McAuliffe ES	-	5,085	-	-	5,085			
Coldspring ES	-	10,136	-	-	-	5,068	5,068	
DuFief Mill ES	-	10,136	-	-	-	5,068	5,068	
Belmont ES	-	10,136	-	-	-	5,068	5,068	
Stonegate ES	-	10,136	-	-	-	5,068	5,068	
Eastern MS	-	25,393	-	-	-	-	12,697	12,696
Poolesville HS	-	41,944	-	-	-	-	20,972	20,972
Damascus ES	-	12,506	-	-	-	-	6,253	6,253
Twinbrook ES	-	12,506	-	-	-	-	6,253	6,253
Summit Hall ES	-	12,506	-	-	-	-	6,253	6,253
Rosemary Hills ES	-	12,506	-	-	-	-	6,253	6,253
<i>Subtotal, Planning and Construction</i>	-	311,790	-	30,417	64,615	65,435	92,643	58,680
Countywide Projects								
Roof Replacement	1,447	382	382					
HVAC/Electrical Replacement	3,964	5,415	5,415					
Windows	-	102	102					
Addition Projects (Outyears)	-	62,500	-	12,500	12,500	12,500	12,500	12,500
Systemic Projects (Outyears)	-	75,000	-	15,000	15,000	15,000	15,000	15,000
<i>Subtotal, Countywide</i>	5,411	143,399	5,899	27,500	27,500	27,500	27,500	27,500
Total, All Projects	45,708	509,997	50,128	68,496	92,115	92,935	120,143	86,180
Offset [1]		(201,369)	-	(16,796)	(40,415)	(41,235)	(68,443)	(34,480)
Total State Aid Assumed	45,708	308,628	50,128	51,700	51,700	51,700	51,700	51,700

NOTES

[1] This chart reflects outyear State Aid estimates from the MCPS November 2015 request to the State. Future annual request levels for State Aid will be based on State eligibility requirements and may exceed the amounts shown. In addition, anticipated changes to State funding formulas will affect amounts requested.

[*] Offset reconciles specified project total costs with assumed State funding levels.

All Agency Expenditures (\$000s)

Agency	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs	Approp.
County Government	6,053,700	2,438,197	830,388	2,340,650	553,475	463,537	384,040	348,558	313,234	277,806	236,922
Housing Opportunities Commission	98,298	72,171	16,727	9,400	1,250	2,550	1,850	1,250	1,250	1,250	1,250
Montgomery County Public Schools	3,669,984	1,405,820	260,229	1,729,459	305,000	289,653	330,036	307,425	263,100	234,245	267,061
M-NCPPC	463,217	140,129	85,512	184,158	30,589	29,424	29,174	31,965	35,645	27,361	37,478
Montgomery College	913,439	435,766	59,763	333,268	69,117	79,377	27,881	35,833	50,449	70,511	67,411
Revenue Authority (C14)	70,533	44,307	2,075	24,251	5,046	6,515	1,990	2,000	8,600	0	1,627
WMATA	22,868	17,914	4,954	0	0	0	0	0	0	0	0
Total	11,292,139	4,554,304	1,259,648	4,621,186	964,477	871,156	774,971	727,031	672,278	611,273	601,749

Expenditures Summary by Category, Sub-Category (\$000s)

Run Date: 06/13/2016 12:31 PM

	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
General Government												
County Offices and Other Improvements	754,758	287,545	147,491	312,456	77,921	71,690	52,605	42,087	32,728	35,425	7,266	33,219
Technology Services	97,890	65,361	5,611	26,918	4,973	4,570	4,520	4,430	4,249	4,176	0	4,917
Other General Government	61,987	8,024	18,179	24,100	4,000	4,000	4,000	4,000	4,000	4,100	11,684	0
Technology Investment Fund	1,279	1,252	27	0	0	0	0	0	0	0	0	0
Economic Development	199,897	17,955	18,721	163,221	88,020	53,166	19,895	820	660	660	0	14,386
General Government	1,115,811	380,137	190,029	526,695	174,914	133,426	81,020	51,337	41,637	44,361	18,950	52,522
Public Safety												
Fire/Rescue Service	254,475	73,399	47,496	133,580	23,395	19,315	14,143	35,670	30,848	10,209	0	25,717
Police	69,913	57,158	3,038	9,717	4,367	5,175	175	0	0	0	0	0
Correction and Rehabilitation	18,247	7,424	1,715	9,108	474	3,008	4,088	1,538	0	0	0	311
Other Public Safety	417,565	334,348	79,207	4,010	3,960	50	0	0	0	0	0	0
Public Safety	760,200	472,329	131,456	156,415	32,196	27,548	18,406	37,208	30,848	10,209	0	26,028
Transportation												
Roads	1,069,240	345,053	76,655	273,361	37,838	36,221	51,253	53,575	48,773	45,701	374,171	13,334
Bridges	69,978	29,665	13,776	26,537	10,516	7,776	2,208	2,119	2,006	1,912	0	5,249
Pedestrian Facilities/Bikeways	347,657	48,926	32,826	216,682	40,591	47,898	50,898	27,099	23,895	26,501	49,223	23,745
Traffic Improvements	214,904	101,646	27,907	85,351	14,595	15,352	13,851	13,851	13,851	13,851	0	14,561
Parking	106,388	55,353	12,693	38,342	8,482	7,162	6,012	5,947	5,292	5,547	0	6,184
Mass Transit	767,202	354,644	105,160	306,863	78,074	47,870	50,544	42,890	48,652	38,833	535	32,052
Highway Maintenance	461,529	218,755	69,089	173,685	19,985	23,650	27,050	33,400	34,550	35,050	0	18,976
Transportation	3,036,898	1,154,042	338,106	1,120,821	210,081	185,929	201,616	178,781	177,019	167,395	423,929	114,101
Health and Human Services												
Health and Human Services (SC41)	68,095	35,829	16,302	15,964	7,723	5,436	2,466	339	0	0	0	2,199
Health and Human Services	68,095	35,829	16,302	15,964	7,723	5,436	2,466	339	0	0	0	2,199
Culture and Recreation												
Recreation	144,679	81,523	37,295	24,275	11,413	1,649	4,026	4,796	1,251	1,140	1,586	4,620
Libraries	217,271	105,398	19,711	92,162	38,706	32,895	6,577	3,950	5,014	5,020	0	6,992
Culture and Recreation	361,950	186,921	57,006	116,437	50,119	34,544	10,603	8,746	6,265	6,160	1,586	11,612
Conservation of Natural Resources												
Storm Drains	56,091	34,377	4,878	16,836	2,806	2,806	2,806	2,806	2,806	2,806	0	3,660
Stormwater Management	446,949	55,446	44,295	347,208	57,487	55,629	65,854	67,972	54,030	46,236	0	10,879
Ag Land Preservation	9,425	4,551	900	3,974	1,474	494	494	494	504	514	0	611
Conservation of Natural Resources	512,465	94,374	50,073	368,018	61,767	58,928	69,154	71,272	57,340	49,556	0	15,150
Community Development and Housing												
Community Development	21,495	10,930	7,265	3,300	675	725	775	875	125	125	0	675
Housing (SC69)	176,786	103,635	40,151	33,000	16,000	17,000	0	0	0	0	0	14,635
Community Development and Housing	198,281	114,565	47,416	36,300	16,675	17,725	775	875	125	125	0	15,310

Expenditures Summary by Category, Sub-Category (\$000s)

Run Date: 06/13/2016 12:31 PM

	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
M-NCPPC												
Acquisition	141,542	68,776	26,215	39,520	6,420	6,420	6,670	6,670	6,670	6,670	7,031	5,420
Development	321,675	71,353	59,297	144,638	24,169	23,004	22,504	25,295	28,975	20,891	46,387	32,058
M-NCPPC	463,217	140,129	85,512	184,158	30,589	29,424	29,174	31,965	35,646	27,361	53,418	37,478
Revenue Authority (C14)												
Golf Courses	9,885	6,820	514	2,751	1,146	1,415	180	0	0	0	0	1,627
Miscellaneous Projects (Revenue Authority)	60,748	37,687	1,561	21,500	3,900	5,200	1,800	2,000	8,600	0	0	0
Revenue Authority (C14)	70,633	44,307	2,075	24,251	5,046	6,615	1,980	2,000	8,600	0	0	1,627
Montgomery County Public Schools												
Individual Schools	737,105	236,932	70,845	427,117	84,162	72,170	77,050	101,479	63,379	18,877	2,211	101,857
Countywide (SC50)	2,932,879	1,168,888	189,384	1,302,342	210,838	217,483	252,986	205,946	199,721	215,368	272,265	155,204
Miscellaneous Projects	0	0	0	0	0	0	0	0	0	0	0	0
Montgomery County Public Schools	3,669,984	1,405,820	260,229	1,729,459	305,000	289,653	330,036	307,425	263,100	234,245	274,476	257,061
WSSC												
Sewerage Bi-County	2,633,602	1,368,860	217,119	989,008	241,213	227,145	169,744	172,937	114,002	63,967	58,615	241,213
Sewerage Montgomery County	82,128	51,103	5,178	25,847	12,345	10,415	3,041	46	0	0	0	12,345
Water Bi-County	894,758	267,328	77,024	550,406	104,162	101,647	114,478	96,091	78,230	55,798	0	104,162
Water Montgomery County	43,936	8,778	5,019	30,139	12,956	15,676	1,507	0	0	0	0	12,956
WSSC	3,654,424	1,696,069	304,340	1,595,400	370,676	354,883	288,770	269,074	192,232	119,765	58,615	370,676
Solid Waste-Sanitation												
Solid Waste Management	0	0	0	0	0	0	0	0	0	0	0	0
Solid Waste-Sanitation	0	0	0	0	0	0	0	0	0	0	0	0
Montgomery College												
Higher Education	913,439	435,766	59,763	333,268	69,117	79,377	27,881	35,833	50,449	70,611	84,642	67,411
Montgomery College	913,439	435,766	59,763	333,268	69,117	79,377	27,881	35,833	50,449	70,611	84,642	67,411
Housing Opportunities Commission												
Housing	98,298	72,171	16,727	9,400	1,250	2,550	1,850	1,250	1,250	1,250	0	1,250
Housing Opportunities Commission	98,298	72,171	16,727	9,400	1,250	2,550	1,850	1,250	1,250	1,250	0	1,250
WMATA												
Mass Transit (SC96)	22,868	17,914	4,954	0	0	0	0	0	0	0	0	0
WMATA	22,868	17,914	4,954	0	0	0	0	0	0	0	0	0
Total	14,946,563	6,250,373	1,563,988	6,216,586	1,335,153	1,226,039	1,063,741	896,105	864,510	731,038	915,616	972,425

All Agency Funding Summary (\$000s)

Run Date: 06/15/2016 12:28 PM

Funding Source	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Aging Schools Program	6,964	6,361	603	0	0	0	0	0	0	0
Agricultural Transfer Tax	1,539	231	14	1,294	624	134	134	134	134	0
Bond Premium	956	956	0	0	0	0	0	0	0	0
Cable TV	70,840	39,928	4,098	26,814	4,817	4,622	4,520	4,430	4,249	4,176
Certificates of Participation	33,435	32,307	1,128	0	0	0	0	0	0	0
Community Development Block Grant	9,277	6,278	2,999	0	0	0	0	0	0	0
Contributions	54,751	20,252	14,491	20,008	8,360	4,500	4,570	1,010	760	808
Contributions - Other (WSSC only)	282	0	0	282	282	0	0	0	0	0
Current Revenue: General	766,245	386,102	55,164	324,429	62,425	58,909	53,028	49,659	50,298	50,110
Current Revenue: Park and Planning	3,235	0	1,135	2,100	350	350	350	350	350	350
Current Revenue: Parking - Bethesda	20,832	1,247	2,508	17,077	2,715	3,082	3,155	2,990	2,435	2,690
Current Revenue: Parking - Montgomery Hill	100	100	0	0	0	0	0	0	0	0
Current Revenue: Parking - Silver Spring	28,690	1,498	6,869	20,323	5,610	3,913	2,700	2,700	2,700	0
Current Revenue: Parking - Wheaton	1,432	24	466	942	157	157	157	157	157	157
Current Revenue: Recordation Tax	651,412	247,569	30,143	373,700	51,911	58,106	61,104	62,678	67,608	72,293
Current Revenue: WMATA Surcharge	4,885	0	4,885	0	0	0	0	0	0	0
Department of Liquor Control Fund	157	92	65	0	0	0	0	0	0	0
Development Approval Payment	5,407	4,431	976	0	0	0	0	0	0	0
Development District	11,100	639	10,461	0	0	0	0	0	0	0
EDAET	7,619	7,619	0	0	0	0	0	0	0	0
Enhancement	4,134	3,750	384	0	0	0	0	0	0	0
Enterprise Park and Planning	17,787	0	1,837	15,950	1,300	1,050	800	6,000	6,000	800
Fed Stimulus (State Allocation)	6,550	6,550	0	0	0	0	0	0	0	0
Federal Aid	267,499	141,176	28,569	97,754	32,873	31,979	18,562	3,400	9,340	1,600
Federal Stimulus	1,624	1,624	0	0	0	0	0	0	0	0
Fire Consolidated	32,023	691	6,342	24,990	3,721	3,027	2,894	5,116	5,116	5,116
G.O. Bonds	5,477,504	2,203,946	553,283	1,974,880	422,043	384,366	337,206	307,418	286,418	237,429
HIF Revolving Program	121,252	89,809	10,191	21,252	13,409	7,843	0	0	0	0
HOC Bonds	50,000	50,000	0	0	0	0	0	0	0	0
Impact Tax	127,994	54,813	22,576	50,605	10,119	8,967	7,753	7,755	7,754	8,257
Intergovernmental	19,003	5,455	2,229	11,264	1,811	250	800	2,625	2,550	3,228
Interim Finance	96,853	38,133	102,730	-3,386	5,011	0	3,303	-11,700	0	-40,624
Investment Income	1,342	540	0	802	0	70	200	200	210	122
Land Sale	58,838	16,838	0	42,000	27,000	0	0	15,000	0	0
Land Sale (P&P Only)	513	0	513	0	0	0	0	0	0	0
Land Sale ? Bethesda PLD	29,160	29,160	0	0	0	0	0	0	0	0

Funding Source	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Loan Repayment Proceeds	36,484	11,326	13,420	11,748	2,591	9,157	0	0	0	0
Long-Term Financing	200,414	8,158	37,266	154,980	57,205	34,715	19,685	23,296	10,089	10,000
M-NCPPC Contributions	4,423	2,860	663	900	150	150	150	150	150	150
Major Facilities Capital Projects Fund (MC only)	4,200	0	1,100	3,100	1,000	2,000	100	0	0	0
Mass Transit Fund	125,472	11,932	18,856	94,284	9,216	18,498	24,404	16,305	16,425	9,435
Montgomery Housing Initiative Fund	4,775	2,500	2,275	0	0	0	0	0	0	400
Motor Pool	550	0	550	0	0	0	0	0	0	0
PAYGO	170,647	170,647	0	0	0	0	0	0	0	0
POS-Stateside (P&P only)	200	200	0	0	0	0	0	0	0	0
Park and Planning Bonds	83,544	20,665	13,842	41,264	7,218	7,244	7,238	6,707	7,217	7,773
Program Open Space	57,984	22,231	11,030	21,363	3,778	3,562	4,000	3,000	4,000	3,023
Qualified Zone Academy Funds	10,074	9,173	901	0	0	0	0	0	0	0
Recreation Fund	645	322	323	0	0	0	0	0	0	0
Recordation Tax - PAYGO	7,000	7,000	0	0	0	0	0	0	0	0
Recordation Tax Premium	139,513	28,136	11,036	99,341	14,071	15,397	16,193	16,608	17,915	19,157
Rental Income - General	59	59	0	0	0	0	0	0	0	0
Rental Income - Roads	5	5	0	0	0	0	0	0	0	0
Revenue Authority	26,487	20,462	2,099	3,926	1,391	1,725	280	100	430	0
Revenue Bonds	30,993	30,993	0	0	0	0	0	0	0	0
Revenue Bonds: Liquor Fund	132,678	112,986	13,918	5,774	5,774	0	0	0	0	0
Revolving (P&P only)	23,798	0	17,798	6,000	1,000	1,000	1,000	1,000	1,000	0
Revolving Fund - Current Revenue	6,804	3,419	3,385	0	0	0	0	0	0	0
Revolving Fund - G.O. Bonds	57,580	11,373	22,207	24,000	4,000	4,000	4,000	4,000	4,000	0
School Facilities Payment	4,769	2,314	601	1,854	1,743	111	0	0	0	0
Schools Impact Tax	426,840	183,757	31,898	210,985	32,450	36,106	34,844	34,522	35,416	37,547
Short-Term Financing	217,768	119,679	52,057	46,032	22,685	7,200	6,200	3,500	3,146	3,291
Solid Waste Collection	421	0	421	0	0	0	0	0	0	0
Solid Waste Disposal Fund	738	20	718	0	0	0	0	0	0	0
State Aid	922,732	316,022	84,847	454,542	83,895	87,331	66,198	64,553	71,507	81,058
State Bonds (P&P only)	1,275	888	387	0	0	0	0	0	0	0
State ICC Funding (M-NCPPC Only)	3,913	1,500	2,413	0	0	0	0	0	0	0
Stormwater Management Waiver Fees	6,194	4,023	971	1,200	200	200	200	200	200	200
TEA-21	2,368	2,368	0	0	0	0	0	0	0	0
Transportation Enhancement Program	1,589	1,589	0	0	0	0	0	0	0	0
Transportation Improvement Credit	1,125	1,125	0	0	0	0	0	0	0	0
Urban District - Bethesda	435	243	192	0	0	0	0	0	0	0

All Agency Funding Summary (\$000s)

Run Date: 08/13/2019 12:20 PM

Funding Source	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
Water Quality Protection Bonds	378,721	29,885	31,253	317,583	45,827	51,622	62,173	64,515	50,547	42,899	0
Water Quality Protection Charge	38,401	11,624	13,516	13,261	7,266	1,613	1,287	1,063	1,089	943	0
White Flint - Special Tax District	169,477	5,801	5,046	85,959	8,469	18,189	25,683	27,590	3,068	2,960	72,671
Total	11,292,139	4,554,304	1,259,648	4,621,186	964,477	871,156	774,971	727,031	672,278	611,273	857,001

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

DATE: 08/01/2018 09:00:00 AM

Aging Schools Program

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Planned Life Cycle Asset Repl: MCPS (P896586)	6,964	6,361	603	0	0	0	0	0	0	0
Countywide (SC50)	6,964	6,361	603	0	0	0	0	0	0	0
Montgomery County Public Schools	6,964	6,361	603	0	0	0	0	0	0	0
Total	6,964	6,361	603	0	0	0	0	0	0	0

Agricultural Transfer Tax

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Ag Land Pres Easements (P788911)	1,539	231	14	1,294	624	134	134	134	134	0
Ag Land Preservation	1,539	231	14	1,294	624	134	134	134	134	0
Conservation of Natural Resources	1,539	231	14	1,294	624	134	134	134	134	0
Total	1,539	231	14	1,294	624	134	134	134	134	0

Bond Premium

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Ride On Bus Fleet (P500821)	956	956	0	0	0	0	0	0	0	0
Mass Transit	956	956	0	0	0	0	0	0	0	0
Transportation	956	956	0	0	0	0	0	0	0	0
Total	956	956	0	0	0	0	0	0	0	0

Cable TV

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Council Office Building Renovations (P010100)	952	900	0	52	0	52	0	0	0	0
County Offices and Other Improvements	952	900	0	52	0	52	0	0	0	0
Fibernet (P509651)	63,123	36,787	4,098	22,238	3,693	3,890	3,840	3,750	3,569	3,496
ultraMontgomery (P341700)	4,524	0	0	4,524	1,124	680	680	680	680	680
Technology Services	67,647	36,787	4,098	26,762	4,817	4,570	4,520	4,430	4,249	4,176
General Government	68,599	37,687	4,098	26,814	4,817	4,622	4,520	4,430	4,249	4,176
Advanced Transportation Management System (P509399)	2,241	2,241	0	0	0	0	0	0	0	0
Traffic Improvements	2,241	2,241	0	0	0	0	0	0	0	0
Transportation	2,241	2,241	0	0	0	0	0	0	0	0
Total	70,840	39,928	4,098	26,814	4,817	4,622	4,520	4,430	4,249	4,176

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

10/01/2016 10:00:11 AM

Certificates of Participation

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Fire Apparatus Replacement (P450600)	30,735	30,181	554	0	0	0	0	0	0	0
Fire/Rescue Maintenance Depot Equipment(Southlawn) (P450801)	2,700	2,126	574	0	0	0	0	0	0	0
Fire/Rescue Service	33,435	32,307	1,128	0	0	0	0	0	0	0
Public Safety	33,435	32,307	1,128	0	0	0	0	0	0	0
Total	33,435	32,307	1,128	0	0	0	0	0	0	0

Community Development Block Grant

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Fenton Street Village Pedestrian Linkages (P760500)	2,701	1,830	871	0	0	0	0	0	0	0
Long Branch Pedestrian Linkages (P760600)	2,828	1,691	1,137	0	0	0	0	0	0	0
Focused Neighborhood Assistance (P761100)	2,855	2,423	432	0	0	0	0	0	0	0
Facility Planning: HCD (P769375)	893	334	559	0	0	0	0	0	0	0
Community Development	9,277	6,278	2,999	0	0	0	0	0	0	0
Community Development and Housing	9,277	6,278	2,999	0	0	0	0	0	0	0
Total	9,277	6,278	2,999	0	0	0	0	0	0	0

Contributions

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Technology Modernization -- MCG (P150701)	1,615	1,340	275	0	0	0	0	0	0	0
County Offices and Other Improvements	1,615	1,340	275	0	0	0	0	0	0	0
Fibernet (P509651)	1,624	1,624	0	0	0	0	0	0	0	0
Technology Services	1,624	1,624	0	0	0	0	0	0	0	0
Old Blair Auditorium Reuse (P361113)	600	0	600	0	0	0	0	0	0	0
Other General Government	600	0	600	0	0	0	0	0	0	0
Wheaton Redevelopment Program (P150401)	862	0	862	0	0	0	0	0	0	0
Economic Development	862	0	862	0	0	0	0	0	0	0
General Government	4,701	2,964	1,737	0	0	0	0	0	0	0
Fire Apparatus Replacement (P450600)	815	815	0	0	0	0	0	0	0	0
Fire/Rescue Service	815	815	0	0	0	0	0	0	0	0
Animal Services and Adoption Center (P470400)	2,000	1,719	281	0	0	0	0	0	0	0
Police	2,000	1,719	281	0	0	0	0	0	0	0
Detention Center Reuse (P429755)	75	75	0	0	0	0	0	0	0	0
Correction and Rehabilitation	75	75	0	0	0	0	0	0	0	0
Public Safety	2,890	2,609	281	0	0	0	0	0	0	0
Travilah Road (P500101)	89	89	0	0	0	0	0	0	0	0
Woodfield Road Extended (P500151)	140	140	0	0	0	0	0	0	0	0
Montrose Parkway West (P500311)	35	0	35	0	0	0	0	0	0	0
State Transportation Participation (P500722)	2,575	0	875	1,700	700	840	160	0	0	0
Century Boulevard (P501115)	4,000	462	1,438	2,100	1,400	700	0	0	0	0
Stringtown Road (P501208)	4,000	0	1,000	3,000	3,000	0	0	0	0	0
Subdivision Roads Participation (P508000)	3,931	129	602	3,200	0	0	3,200	0	0	0
Norbeck Road Extended (P509321)	2,648	2,648	0	0	0	0	0	0	0	0
Facility Planning-Transportation (P509337)	4	4	0	0	0	0	0	0	0	0

Contributions

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Roads	17,422	3,472	3,950	10,000	5,100	1,540	3,360	0	0	0
Traffic Signal System Modernization (P500704)	295	0	295	0	0	0	0	0	0	0
Intersection and Spot Improvements (P507017)	482	0	482	0	0	0	0	0	0	0
Advanced Transportation Management System (P509399)	95	95	0	0	0	0	0	0	0	0
Traffic Improvements	872	95	777	0	0	0	0	0	0	0
Belhesda Lot 31 Parking Garage (P509832)	2,850	0	2,850	0	0	0	0	0	0	0
Parking	2,850	0	2,850	0	0	0	0	0	0	0
Rapid Transit System (P501318)	2,000	0	0	2,000	1,000	1,000	0	0	0	0
Ride On Bus Fleet (P500821)	475	0	475	0	0	0	0	0	0	0
Silver Spring Transit Center (P509974)	868	0	868	0	0	0	0	0	0	0
Mass Transit	3,343	0	1,343	2,000	1,000	1,000	0	0	0	0
Sidewalk & Curb Replacement (P508182)	4,760	1,760	0	3,000	500	500	500	500	500	0
Highway Maintenance	4,760	1,760	0	3,000	500	500	500	500	500	0
Transportation	29,247	5,327	8,920	15,000	6,600	3,040	3,860	500	500	0
Cost Sharing: MCG (P720601)	150	0	150	0	0	0	0	0	0	0
Polomac Adaptive Sports Court (P721403)	25	0	25	0	0	0	0	0	0	0
Recreation	175	0	175	0	0	0	0	0	0	0
Noyes Library for Young Children Rehabilitation and Renovation (P711704)	1,600	0	0	1,600	350	1,250	0	0	0	0
Libraries	1,600	0	0	1,600	350	1,250	0	0	0	0
Culture and Recreation	1,775	0	175	1,600	350	1,250	0	0	0	0
Ag Land Pres Easements (P788911)	1,668	1,000	10	658	510	10	10	10	10	108
Ag Land Preservation	1,668	1,000	10	658	510	10	10	10	10	108
Conservation of Natural Resources	1,668	1,000	10	658	510	10	10	10	10	108
Legacy Open Space (P018710)	938	938	0	0	0	0	0	0	0	0
Acquisition	938	938	0	0	0	0	0	0	0	0
Woodstock Equestrian Center (P018712)	250	250	0	0	0	0	0	0	0	0

Contributions

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Rock Creek Trail Pedestrian Bridge (P048703)	261	261	0	0	0	0	0	0	0	0
East Norbeck Local Park Expansion (P058703)	280	280	0	0	0	0	0	0	0	0
Small Grant/Donor-Assisted Capital Improvements (P058755)	2,674	0	1,474	1,200	200	200	200	200	200	0
Brookside Gardens Master Plan Implementation (P078702)	1,350	1	849	500	500	0	0	0	0	0
Germanatown Town Center Urban Park (P078704)	300	300	0	0	0	0	0	0	0	0
Greenbriar Local Park (P078705)	300	300	0	0	0	0	0	0	0	0
Trails: Hard Surface Design & Construction (P768673)	900	0	900	0	0	0	0	0	0	0
S. Germanatown Recreational Park: Soccerplex Fac. (P998712)	75	75	0	0	0	0	0	0	0	0
Western Grove Urban Park (P871548)	300	0	100	200	200	0	0	0	0	0
Josiah Henson Historic Park (P871552)	850	0	0	850	0	0	500	300	50	0
Development	7,540	1,467	3,323	2,750	900	200	700	500	250	0
Montgomery County Airpark (P703909)	8,478	2,405	3,323	2,750	900	200	700	500	250	0
Miscellaneous Projects (Revenue Authority)	85	85	0	0	0	0	0	0	0	0
Revenue Authority (C14)	85	85	0	0	0	0	0	0	0	0
Westbrook ES Addition (P116512)	247	247	0	0	0	0	0	0	0	0
Individual Schools	247	247	0	0	0	0	0	0	0	0
Building Modifications and Program Improvements (P076506)	2,555	2,510	45	0	0	0	0	0	0	0
Stadium Lighting (P876544)	314	314	0	0	0	0	0	0	0	0
Current Revitalizations/Expansions(P926575)	2,791	2,791	0	0	0	0	0	0	0	0
Countywide (SC50)	5,660	5,615	45	0	0	0	0	0	0	0
Montgomery County Public Schools	5,907	5,862	45	0	0	0	0	0	0	0
Total	54,751	20,252	14,491	20,008	8,360	4,500	4,570	1,010	760	808

SECRET

3-32

Funding Detail by Revenue Source, Department/Agency and Project (0000s)

Current Revenue: General

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Technology Modernization – MCG (P150701)	67,412	62,812	4,600	0	0	0	0	0	0	0
Public Safety System Modernization (P340901)	9,543	4,121	2,107	3,315	1,330	1,050	935	0	0	0
Americans with Disabilities Act (ADA): Compliance (P361107)	5,500	0	2,500	3,000	500	500	500	500	500	0
Facilities Site Selection: MCG (P500152)	519	259	110	150	25	25	25	25	25	0
Energy Conservation: MCG (P507834)	4	0	4	0	0	0	0	0	0	0
Facility Planning: MCG (P508768)	9,890	7,910	420	1,560	360	160	260	260	260	0
County Offices and Other Improvements	92,868	75,102	9,741	8,025	2,215	1,735	1,720	785	785	0
Integrated Justice Information System (P340200)	10,443	8,774	1,513	156	156	0	0	0	0	0
Voice Mail System Replacement (P340700)	1,540	1,540	0	0	0	0	0	0	0	0
Fibernet (P509651)	256	256	0	0	0	0	0	0	0	0
Technology Services	12,239	10,570	1,513	156	156	0	0	0	0	0
Technology Investment Loan Fund (P319485)	2	0	2	0	0	0	0	0	0	0
Technology Investment Fund	2	0	2	0	0	0	0	0	0	0
Wheaton Redevelopment Program (P150401)	1,300	650	650	0	0	0	0	0	0	0
Long Branch Town Center Redevelopment (P150700)	300	0	100	200	200	0	0	0	0	0
Life Sciences and Technology Centers (P789057)	1,600	1,556	44	0	0	0	0	0	0	0
White Oak Science Gateway Redevelopment Project (P361701)	640	0	0	640	160	160	160	160	0	0
Economic Development	3,840	2,206	794	840	360	160	160	160	0	0
General Government	108,949	87,878	12,050	9,021	2,731	1,895	1,880	945	785	0
FS Emergency Power System Upgrade (P450700)	8	8	0	0	0	0	0	0	0	0
Fire/Rescue Service	8	8	0	0	0	0	0	0	0	0
DOCR Staff Training Center (P421101)	30	30	0	0	0	0	0	0	0	0
Detention Center Reuse (P429755)	40	40	0	0	0	0	0	0	0	0
Correction and Rehabilitation	70	70	0	0	0	0	0	0	0	0
Judicial Center Annex (P100300)	330	330	0	0	0	0	0	0	0	0
Other Public Safety	330	330	0	0	0	0	0	0	0	0
Public Safety	408	408	0	0	0	0	0	0	0	0

Current Revenue: General

Project	Total	Thru FY16	Est FY16	5 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Roads										
Facility Planning-Transportation (P509337)	43,504	33,129	0	10,375	1,235	300	2,060	2,170	2,370	2,240
County Service Park Infrastructure Improvements (P501317)	1,689	501	1,188	0	0	0	0	0	0	0
Flower Avenue Sidewalk (P501206)	46,193	33,630	1,188	10,375	1,235	300	2,060	2,170	2,370	2,240
Silver Spring Green Trail (P509975)	200	0	0	200	200	0	0	0	0	0
Bicycle-Pedestrian Priority Area Improvements (P501532)	265	265	0	0	0	0	0	0	0	0
Life Sciences Center Loop Trail (P501742)	375	309	66	0	0	0	0	0	0	0
Pedestrian Facilities/Bikeways	400	0	0	400	50	350	0	0	0	0
Pedestrian Safety Program (P500333)	1,240	574	66	600	250	350	0	0	0	0
Traffic Signal System Modernization (P500704)	11,225	2,958	3,167	5,100	850	850	850	850	850	850
White Flint Traffic Analysis and Mitigation (P501202)	10,623	355	375	9,893	2,338	2,603	1,238	1,238	1,238	1,238
Intersection and Spot Improvements (P507017)	1,264	54	624	586	181	81	81	81	81	81
Advanced Transportation Management System (P509399)	4,554	986	568	3,000	500	500	500	500	500	500
White Oak Science Gateway Infrastructure Development (P501540)	24,350	12,785	2,517	9,048	1,508	1,508	1,508	1,508	1,508	1,508
Traffic Improvements	200	0	200	0	0	0	0	0	0	0
Resurfacing: Residential/Rural Roads (P500511)	52,216	17,138	7,451	27,627	5,377	5,542	4,177	4,177	4,177	4,177
Street Tree Preservation (P500700)	309	309	0	0	0	0	0	0	0	0
Brookville Service Park (P509928)	29,404	11,909	2,148	15,347	2,750	2,664	1,929	2,004	3,000	3,000
Highway Maintenance	25	15	10	0	0	0	0	0	0	0
Transportation	29,738	12,233	2,158	15,347	2,750	2,664	1,929	2,004	3,000	3,000
School Based Health & Linkages to Learning Centers (P640400)	128,387	53,575	10,863	53,949	9,612	8,856	8,166	8,351	9,547	9,417
High School Wellness Center (P640902)	260	140	0	120	120	0	0	0	0	0
Health and Human Services (SC41)	59	0	59	0	0	0	0	0	0	0
Health and Human Services	319	140	59	120	120	0	0	0	0	0
Cost Sharing: MCG (P720601)	319	140	59	120	120	0	0	0	0	0
Recreation Facility Modernization (P720917)	17,488	7,152	3,658	6,678	1,878	800	1,000	1,000	1,000	1,000
Public Arts Trust (P729658)	200	0	0	150	50	0	50	0	50	50
Ken Gar Community Center Renovation (P721401)	1,271	165	166	940	190	190	140	140	140	140
	63	63	0	0	0	0	0	0	0	0

3-34

Current Revenue: General

Project		Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Recreation	Gaithersburg Middle School Pool (P721402)	300	0	300	0	0	0	0	0	0	0
		19,322	7,380	4,124	7,768	2,118	990	1,190	1,140	1,190	1,140
	Wheaton Library and Community Recreation Center (P361202)	677	0	0	677	472	205	0	0	0	0
	Gaithersburg Library Renovation (P710300)	700	700	0	0	0	0	0	0	0	0
	Olney Library Renovation and Addition (P710301)	275	215	60	0	0	0	0	0	0	0
Libraries	Silver Spring Library (P710302)	700	150	550	0	0	0	0	0	0	0
	21st Century Library Enhancements Level Of Effort (P711503)	8,631	0	631	8,000	1,000	1,000	1,500	1,500	1,500	1,500
	Noyes Library for Young Children Rehabilitation and Renovation (P711704)	500	0	0	500	300	200	0	0	0	0
		11,483	1,065	1,241	9,177	1,772	1,405	1,500	1,500	1,500	1,500
		30,805	8,445	5,365	16,945	3,890	2,395	2,690	2,640	2,690	2,640
Culture and Recreation	Facility Planning: Storm Drains (P508180)	4,103	4,103	0	0	0	0	0	0	0	0
		4,103	4,103	0	0	0	0	0	0	0	0
	Facility Planning: SM (P809319)	5,000	5,000	0	0	0	0	0	0	0	0
		5,000	5,000	0	0	0	0	0	0	0	0
		9,103	9,103	0	0	0	0	0	0	0	0
Conservation of Natural Resources	Burtonsville Community Revitalization (P760900)	460	460	0	0	0	0	0	0	0	0
		3,227	2,031	446	750	125	125	125	125	125	125
	Facility Planning: HCD (P769375)	3,250	0	700	2,550	550	600	650	750	0	0
	Colesville/New Hampshire Avenue Community Revitalization (P761501)										
		6,937	2,491	1,146	3,300	675	725	775	875	125	125
Community Development		6,937	2,491	1,146	3,300	675	725	775	875	125	125
	Legacy Open Space (P018710)	11,959	9,639	320	1,500	250	250	250	250	250	250
	Acquisition: Non-Local Parks (P998798)	888	0	78	810	135	135	135	135	135	135
		12,847	9,639	398	2,310	385	385	385	385	385	385
		60	60	0	0	0	0	0	0	0	0
Acquisition	Woodstock Equestrian Center (P018712)	506	0	206	300	50	50	50	50	50	50
	Small Grant/Donor-Assisted Capital Improvements (P058755)	2,966	0	1,166	1,800	300	300	300	300	300	300
	Pollution Prevention and Repairs to Ponds & Lakes (P078701)	283	132	151	0	0	0	0	0	0	0
	Brookside Gardens Master Plan Implementation (P078702)										
	ADA Compliance: Non-Local Parks (P128702)	461	0	161	300	50	50	50	50	50	50

Current Revenue: General

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Cost Sharing: Non-Local Parks (P761682)	10	0	10	0	0	0	0	0	0	0
Restoration Of Historic Structures (P808494)	2,792	0	897	1,895	645	250	250	250	250	250
Roof Replacement: Non-Local Pk (P838882)	714	0	336	378	63	63	63	63	63	63
Trails: Natural Surface & Resource-based Recreation (P858710)	2,365	0	565	1,800	300	300	300	300	300	300
Facility Planning: Non-Local Parks (P958776)	2,578	0	778	1,800	300	300	300	300	300	300
Planned Lifecycle Asset Replacement: NL Parks (P968755)	13,088	0	2,128	10,960	1,040	1,040	1,740	1,740	2,700	2,700
Development	25,823	192	6,398	19,233	2,748	2,363	3,053	3,053	4,013	4,013
M-NCPPC	38,670	9,831	6,796	21,543	3,133	2,738	3,438	3,438	4,398	4,398
Technology Modernization (P036510)	205,986	58,588	1,323	146,075	26,319	24,930	21,936	24,263	24,484	24,143
HVAC (Mechanical Systems) Replacement: MCPS (P816633)	1,000	0	0	1,000	1,000	0	0	0	0	0
Relocatable Classrooms (P848540)	48,637	33,339	3,048	12,250	2,250	5,000	5,000	0	0	0
Facility Planning: MCPS (P966553)	4,459	3,548	114	797	155	120	108	138	138	138
Rehab/Reno.Of Closed Schools- RROCS (P916587)	2,765	2,765	0	0	0	0	0	0	0	0
Current Revitalizations/Expansions(P926575)	44	0	0	44	44	0	0	0	0	0
Shady Grove Transportation Depot Replacement (P651641)	700	0	700	0	0	0	0	0	0	0
Countywide (SC50)	263,591	98,240	5,185	160,166	29,768	30,050	27,044	24,401	24,622	24,281
MCPS Funding Reconciliation (P076510)	-40,303	0	0	-40,303	-3,802	-5,348	-7,863	-7,289	-8,167	-7,834
Miscellaneous Projects	-40,303	0	0	-40,303	-3,802	-5,348	-7,863	-7,289	-8,167	-7,834
Montgomery County Public Schools	223,288	98,240	5,185	119,863	25,966	24,702	19,181	17,112	16,455	16,447
Site Improvements: College (P076601)	1,000	1,000	0	0	0	0	0	0	0	0
Student Learning Support Systems (P076617)	18,458	6,938	3,120	8,400	1,400	1,400	1,400	1,400	1,400	1,400
Network Operating Center/Datacenter (P076618)	23,261	10,564	697	12,000	2,000	2,000	2,000	2,000	2,000	2,000
Network Infrastructure and Support Systems (P076619)	22,697	10,215	1,682	10,800	1,800	1,800	1,800	1,800	1,800	1,800
Instructional Furniture and Equipment: College (P096601)	3,720	1,830	270	1,620	270	270	270	270	270	270
Energy Conservation: College (P816611)	2,106	1,994	16	96	16	16	16	16	16	16
Information Technology: College (P856509)	97,387	43,100	3,287	51,000	8,500	8,500	8,500	8,500	8,500	8,500
Roof Replacement: College (P876664)	1,248	1,248	0	0	0	0	0	0	0	0
Facility Planning: College (P886686)	6,857	4,861	376	1,620	270	270	270	270	270	270

Current Revenue: General

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Planning, Design & Construction (P906605)	18,134	12,288	1,094	4,752	792	792	792	792	792	792
Planned Lifecycle Asset Replacement: College (P926659)	1,940	1,940	0	0	0	0	0	0	0	0
Higher Education	196,808	95,978	10,542	90,288	15,048	15,048	15,048	15,048	15,048	15,048
Montgomery College	196,808	95,978	10,542	90,288	15,048	15,048	15,048	15,048	15,048	15,048
Supplemental Funds for Public Housing Improvements (P017601)	9,841	9,628	213	0	0	0	0	0	0	0
Sprinkler Systems for HOC Elderly Properties (P097600)	100	100	0	0	0	0	0	0	0	0
Capital Needs for 236 Funded Elderly Properties (P137601)	730	285	445	0	0	0	0	0	0	0
Supplemental funds for Deeply Subsidized HOC Owned Units Improvements (P091501)	10,000	0	2,500	7,500	1,250	1,250	1,250	1,250	1,250	1,250
Demolition Fund (P091704)	1,900	0	0	1,900	0	1,300	600	0	0	0
Housing	22,571	10,013	3,158	9,400	1,250	2,550	1,850	1,250	1,250	1,250
Housing Opportunities Commission	22,571	10,013	3,158	9,400	1,250	2,550	1,850	1,250	1,250	1,250
Total	766,245	386,102	55,164	324,429	62,425	68,909	53,028	49,659	50,298	50,110

Current Revenue: Park and Planning

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Small Grant/Donor-Assisted Capital Improvements (P058755)	606	0	306	300	50	50	50	50	50	0
Facility Planning: Local Parks (P957775)	2,629	0	829	1,800	300	300	300	300	300	0
Development	3,235	0	1,135	2,100	350	350	350	350	350	0
M-NCPPC	3,235	0	1,135	2,100	350	350	350	350	350	0
Total	3,235	0	1,135	2,100	350	350	350	350	350	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Current Revenue: Parking - Bethesda

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
Bethesda Lot 31 Parking Garage (P500932) Facility Planning Parking: Bethesda PLD (P501313)	1,073	580	493	0	0	0	0	0	0	0	0
	900	164	196	540	90	90	90	90	90	90	0
Pkg Beth Fac Renovations (P508255)	18,859	503	1,819	16,537	2,625	3,002	3,065	2,900	2,345	2,600	0
Parking	20,832	1,247	2,508	17,077	2,715	3,092	3,155	2,990	2,435	2,690	0
Transportation	20,832	1,247	2,508	17,077	2,715	3,092	3,155	2,990	2,435	2,690	0
Total	20,832	1,247	2,508	17,077	2,715	3,092	3,155	2,990	2,435	2,690	0

3139

Current Revenue: Parking - Montgomery Hill

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Facility Planning: HCD (P769375)	100	100	0	0	0	0	0	0	0	0
Community Development	100	100	0	0	0	0	0	0	0	0
Community Development and Housing	100	100	0	0	0	0	0	0	0	0
Total	100	100	0	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Current Revenue: Parking - Silver Spring

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Parking Lot Districts Service Facility (P501551)	4,197	164	150	3,883	2,860	1,023	0	0	0	0
Silver Spring Lot 3 Parking Garage (P501111)	240	0	0	240	50	190	0	0	0	0
Facility Planning Parking: Silver Spring PLD (P501314)	900	138	222	540	90	90	90	90	90	0
Pkg Sil Spg Fac Renovations (P508250)	23,353	1,196	6,497	15,660	2,610	2,610	2,610	2,610	2,610	0
Parking	28,690	1,498	6,869	20,323	5,610	3,913	2,700	2,700	2,700	0
Transportation	28,690	1,498	6,869	20,323	5,610	3,913	2,700	2,700	2,700	0
Total	28,690	1,498	6,869	20,323	5,610	3,913	2,700	2,700	2,700	0

Current Revenue: Parking - Wheaton

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Facility Planning Parking: Wheaton PLD (P501312)	450	23	157	270	45	45	45	45	45	0
Pkg Wheaton Fac Renovations (P509709)	982	1	309	672	112	112	112	112	112	0
Parking	1,432	24	466	942	157	157	157	157	157	0
Transportation	1,432	24	466	942	157	157	157	157	157	0
Total	1,432	24	466	942	157	157	157	157	157	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Current Revenue: Recordation Tax

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Redland MS - Improvements (P016519)	1,264	1,264	0	0	0	0	0	0	0	0
Clarksburg/Damascus MS (New) (P116506)	1,000	0	0	1,000	1,000	0	0	0	0	0
Clarksburg Cluster ES (Clarksburg Village Site #1) (P116504)	65	65	0	0	0	0	0	0	0	0
Individual Schools	2,329	1,329	0	1,000	1,000	0	0	0	0	0
Technology Modernization (P036510)	146,916	116,499	24,215	6,202	1,080	1,080	939	1,103	1,000	1,000
County Water Quality Compliance (P106500)	280	280	0	0	0	0	0	0	0	0
Relocatable Classrooms (P846540)	4,424	4,424	0	0	0	0	0	0	0	0
Facility Planning: MCPS (P966553)	885	885	0	0	0	0	0	0	0	0
Current Revitalizations/Expansions(P926575)	113,351	36,142	1,984	75,225	23,047	11,489	13,936	26,753	0	0
Countywide (SC50)	265,856	168,230	26,199	81,427	24,127	12,569	14,875	27,856	1,000	0
MCPS Funding Reconciliation (P076510)	312,236	22,947	-1,984	291,273	26,784	45,537	46,229	34,822	66,608	71,293
Miscellaneous Projects	312,236	22,947	-1,984	291,273	26,784	45,537	46,229	34,822	66,608	71,293
Montgomery County Public Schools	580,421	182,506	24,215	373,700	51,911	58,106	61,104	62,678	67,608	72,293
Student Learning Support Systems (P076617)	362	362	0	0	0	0	0	0	0	0
Network Operating Center/Datacenter (P076618)	11,293	7,293	4,000	0	0	0	0	0	0	0
Network Infrastructure and Support Systems (P076619)	1,420	1,420	0	0	0	0	0	0	0	0
Information Technology: College (P856509)	57,916	55,988	1,928	0	0	0	0	0	0	0
Higher Education	70,991	65,063	5,928	0	0	0	0	0	0	0
Montgomery College	70,991	65,063	5,928	0	0	0	0	0	0	0
Total	651,412	247,569	30,143	373,700	51,911	58,106	61,104	62,678	67,608	72,293

Current Revenue: WMATA Surcharge

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Glenmont Metro Parking Expansion (P500552)	4,885	0	4,885	0	0	0	0	0	0	0
Mass Transit (SC96)	4,885	0	4,885	0	0	0	0	0	0	0
WMATA	4,885	0	4,885	0	0	0	0	0	0	0
Total	4,885	0	4,885	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Department of Liquor Control Fund

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
Resurfacing Parking Lots: MCG (P509914)	157	92	65	0	0	0	0	0	0	0	0
County Offices and Other Improvements	157	92	65	0	0	0	0	0	0	0	0
General Government	157	92	65	0	0	0	0	0	0	0	0
Total	157	92	65	0	0	0	0	0	0	0	0

Development Approval Payment

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Citadel Avenue Extended (P500310)	2,087	1,524	563	0	0	0	0	0	0	0
Montrose Parkway West (P500311)	1,310	1,029	281	0	0	0	0	0	0	0
Nebel Street Extended (P500401)	242	242	0	0	0	0	0	0	0	0
Stringtown Road Extended (P500403)	512	512	0	0	0	0	0	0	0	0
Norbeck Road Extended (P509321)	650	650	0	0	0	0	0	0	0	0
Roads	4,801	3,957	844	0	0	0	0	0	0	0
Redland Rd from Crabbs Branch Way - Baederwood La (P500010)	606	474	132	0	0	0	0	0	0	0
Traffic Improvements	606	474	132	0	0	0	0	0	0	0
Transportation	5,407	4,431	976	0	0	0	0	0	0	0
Total	5,407	4,431	976	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

FILE DATE: 06/10/2019 14:39 PM

Development District

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Stringtown Road Extended (P500403)	1,600	639	961	0	0	0	0	0	0	0
Clarksburg Town Center Development District: Roads (P500423)	9,500	0	9,500	0	0	0	0	0	0	0
Roads	11,100	639	10,461	0	0	0	0	0	0	0
Transportation	11,100	639	10,461	0	0	0	0	0	0	0
Total	11,100	639	10,461	0	0	0	0	0	0	0

EDAET

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Citadel Avenue Extended (P500310)	1,909	1,909	0	0	0	0	0	0	0	0
Montrose Parkway West (P500311)	5,206	5,206	0	0	0	0	0	0	0	0
Montrose Parkway East (P500717)	504	504	0	0	0	0	0	0	0	0
Roads	7,619	7,619	0	0	0	0	0	0	0	0
Transportation	7,619	7,619	0	0	0	0	0	0	0	0
Total	7,619	7,619	0	0	0	0	0	0	0	0

Enhancement

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
Shady Grove Access Bike Path (P500600)	1,256	1,256	0	0	0	0	0	0	0	0	0
Forest Glen Pedestrian Bridge (P509976)	2,878	2,494	384	0	0	0	0	0	0	0	0
Pedestrian Facilities/Bikeways	4,134	3,750	384	0	0	0	0	0	0	0	0
Transportation	4,134	3,750	384	0	0	0	0	0	0	0	0
Total	4,134	3,750	384	0	0	0	0	0	0	0	0

Enterprise Park and Planning

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Enterprise Facilities' Improvements (P998773)	17,787	0	1,837	15,950	1,300	1,050	800	6,000	6,000	800
Development	17,787	0	1,837	15,950	1,300	1,050	800	6,000	6,000	800
M-NCPPC	17,787	0	1,837	15,950	1,300	1,050	800	6,000	6,000	800
Total	17,787	0	1,837	15,950	1,300	1,050	800	6,000	6,000	800

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

DATE: 09/15/2010 14:00 PM

Fed Stimulus (State Allocation)

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Ride On Bus Fleet (P500821)	6,550	6,550	0	0	0	0	0	0	0	0
Mass Transit	6,550	6,550	0	0	0	0	0	0	0	0
Transportation	6,550	6,550	0	0	0	0	0	0	0	0
Total	6,550	6,550	0	0	0	0	0	0	0	0

Federal Aid

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Technology Modernization -- MCG (P150701)	741	0	0	741	741	0	0	0	0	0
Public Safety System Modernization (P340901)	3,043	2,947	96	0	0	0	0	0	0	0
County Offices and Other Improvements	3,784	2,947	96	741	741	0	0	0	0	0
Integrated Justice Information System (P340200)	5,380	5,380	0	0	0	0	0	0	0	0
Technology Services	5,380	5,380	0	0	0	0	0	0	0	0
Wheaton Redevelopment Program (P150401)	418	417	1	0	0	0	0	0	0	0
Economic Development	418	417	1	0	0	0	0	0	0	0
General Government	9,582	8,744	97	741	741	0	0	0	0	0
Bridge Preservation Program (P500313)	366	366	0	0	0	0	0	0	0	0
East Gude Drive Westbound Bridge No. M-131-4 (P500901)	1,826	1,629	197	0	0	0	0	0	0	0
Cedar Lane Bridge (M0074) (P501105)	3,310	2,166	1,144	0	0	0	0	0	0	0
Gold Mine Road Bridge M-0096 (P501302)	2,537	0	0	2,537	1,512	1,025	0	0	0	0
Elmhurst Parkway Bridge (Bridge No. M-0353) (P501420)	1,277	0	1,048	229	229	0	0	0	0	0
Bridge Design (P509132)	956	956	0	0	0	0	0	0	0	0
Valley Road Bridge (P501521)	812	0	812	0	0	0	0	0	0	0
Piney Meetinghouse Road Bridge (P501522)	2,807	0	0	2,807	683	2,124	0	0	0	0
Park Valley Road Bridge (P501523)	2,912	0	390	2,522	2,237	285	0	0	0	0
BRAC Bicycle and Pedestrian Facilities (P501000)	16,803	5,117	3,591	8,095	4,661	3,434	0	0	0	0
MD 355 Crossing (BRAC) (P501209)	750	750	0	0	0	0	0	0	0	0
Pedestrian Facilities/Bikeways	68,174	5,176	7,030	55,968	20,161	20,465	15,342	0	0	0
Advanced Transportation Management System (P509399)	68,924	5,926	7,030	55,968	20,161	20,465	15,342	0	0	0
Traffic Improvements	2,504	2,504	0	0	0	0	0	0	0	0
Ride On Bus Fleet (P500821)	2,504	2,504	0	0	0	0	0	0	0	0
	39,365	14,069	15,696	9,600	1,600	1,600	1,600	1,600	1,600	1,600

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

PRINT DATE: 00/12/2010 12:00 PM

Federal Aid

Project		Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Mass Transit	Silver Spring Transit Center (P509974)	53,556	53,556	0	0	0	0	0	0	0	0
		92,921	67,625	15,696	9,600	1,600	1,600	1,600	1,600	1,600	1,600
Transportation	School Based Health & Linkages to Learning Centers (P640400)	181,152	81,172	26,317	73,663	26,422	25,499	16,942	1,600	1,600	1,600
		494	494	0	0	0	0	0	0	0	0
Health and Human Services (SC41)		494	494	0	0	0	0	0	0	0	0
		494	494	0	0	0	0	0	0	0	0
Health and Human Services	Wheaton Regional Dam Flooding Mitigation (P801710)	2,000	0	0	2,000	2,000	0	0	0	0	0
		2,000	0	0	2,000	2,000	0	0	0	0	0
Stormwater Management		2,000	0	0	2,000	2,000	0	0	0	0	0
		2,000	0	0	2,000	2,000	0	0	0	0	0
Conservation of Natural Resources	Fenton Street Village Pedestrian Linkages (P760500)	198	198	0	0	0	0	0	0	0	0
		1,203	453	750	0	0	0	0	0	0	0
Community Development	Long Branch Pedestrian Linkages (P760600)	200	200	0	0	0	0	0	0	0	0
	Facility Planning: HCD (P769375)	1,601	851	750	0	0	0	0	0	0	0
Community Development and Housing		1,601	851	750	0	0	0	0	0	0	0
		2,000	0	0	2,000	200	1,800	0	0	0	0
Development	North Branch Trail (P871541)	2,000	0	0	2,000	200	1,800	0	0	0	0
		2,000	0	0	2,000	200	1,800	0	0	0	0
M-NCPPC		2,000	0	0	2,000	200	1,800	0	0	0	0
		54,597	33,842	1,405	19,350	3,510	4,680	1,620	1,800	7,740	0
Miscellaneous Projects (Revenue Authority)	Montgomery County Airpark (P703909)	54,597	33,842	1,405	19,350	3,510	4,680	1,620	1,800	7,740	0
		54,597	33,842	1,405	19,350	3,510	4,680	1,620	1,800	7,740	0
Revenue Authority (C14)		16,024	16,024	0	0	0	0	0	0	0	0
	Technology Modernization (P036510)	16,024	16,024	0	0	0	0	0	0	0	0
Countywide (SC50)		16,024	16,024	0	0	0	0	0	0	0	0
		16,024	16,024	0	0	0	0	0	0	0	0
Montgomery County Public Schools		71,900	571	499	70,830	2,127	6,626	23,967	27,720	10,390	0
	Piscataway WWTP Bio-Energy Project(P063808)										

Federal Aid

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Sewerage Bl-County	71,900	571	499	70,830	2,127	6,626	23,967	27,720	10,390	0
WSSC	71,900	571	499	70,830	2,127	6,626	23,967	27,720	10,390	0
Energy Conservation: College (P816611)	49	49	0	0	0	0	0	0	0	0
Higher Education	49	49	0	0	0	0	0	0	0	0
Montgomery College	49	49	0	0	0	0	0	0	0	0
Total	339,399	141,747	29,068	168,584	35,000	38,605	42,529	31,120	19,730	1,600

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 08/13/2018 12:35 PM

Federal Stimulus

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Energy Conservation: MCPS (P796222)	1,624	1,624	0	0	0	0	0	0	0	0
Countywide (SC50)	1,624	1,624	0	0	0	0	0	0	0	0
Montgomery County Public Schools	1,624	1,624	0	0	0	0	0	0	0	0
Total	1,624	1,624	0	0	0	0	0	0	0	0

Fire Consolidated

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Rockville Fire Station 3 Renovation (P450105)	500	0	0	500	0	0	500	0	0	0
Travilah Fire Station (P450504)	1,289	679	610	0	0	0	0	0	0	0
Apparatus Replacement Program (P451504)	30,234	12	5,732	24,490	3,721	3,027	2,394	5,116	5,116	0
Fire/Rescue Service	32,023	691	6,342	24,990	3,721	3,027	2,894	5,116	5,116	0
Public Safety	32,023	691	6,342	24,990	3,721	3,027	2,894	5,116	5,116	0
Total	32,023	691	6,342	24,990	3,721	3,027	2,894	5,116	5,116	0

Funding Detail by Revenue Source, Department/Agency and Project (000000)

G.O. Bonds

Project

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Council Office Building Renovations (P010100)	35,932	3,048	627	32,257	18,095	14,162	0	0	0	0
Council Office Building Garage (P011601)	4,759	0	159	4,600	2,143	2,399	58	0	0	0
Public Safety System Modernization (P340901)	54,932	1,393	5,935	47,604	12,118	22,386	13,100	0	0	0
Montgomery County Radio Shop Relocation (P360902)	4,070	53	8	4,009	0	4,009	0	0	0	0
MCPS Bus Depot and Maintenance Relocation (P360903)	6,500	111	39	6,350	6,175	175	0	0	0	0
IAQ Improvements Brookville Bldgs. D & E (P361102)	18	1	17	0	0	0	0	0	0	0
EOB HVAC Renovation (P361103)	8,000	0	0	8,000	0	0	0	2,000	6,000	0
Americans with Disabilities Act (ADA): Compliance (P361107)	31,254	1,841	5,413	24,000	4,000	4,000	4,000	4,000	4,000	0
MCPS Food Distribution Facility Relocation (P361111)	35,255	12,076	0	0	0	0	0	0	0	23,179
EOB & Judicial Center Traffic Circle Repair (P361200)	5,024	463	4,561	0	0	0	0	0	0	0
Energy Systems Modernization (P361302)	2,400	39	561	1,800	300	300	300	300	300	0
401 Hungerford Drive Garage (P500705)	4,689	4,689	0	0	0	0	0	0	0	0
Red Brick Courthouse Structural Repairs (P500727)	19,462	587	4	11,605	0	0	0	1,041	889	7,266
Environmental Compliance: MCG (P500918)	18,913	8,436	2,079	8,398	1,397	1,401	1,400	1,400	1,400	0
Energy Conservation: MCG (P507834)	1,559	23	636	900	150	150	150	150	150	0
Roof Replacement: MCG (P508331)	23,794	612	9,742	13,440	2,240	2,240	2,240	2,240	2,240	0
Asbestos Abatement: MCG (P508728)	874	106	168	600	100	100	100	100	100	0
Facility Planning: MCG (P508768)	625	625	0	0	0	0	0	0	0	0
HVAC/Elec Replacement: MCG (P508941)	13,931	1,481	2,250	10,200	1,150	1,150	1,150	2,250	2,250	0
Planned Lifecycle Asset Replacement: MCG (P509514)	10,564	0	2,564	8,000	1,500	1,500	1,250	1,250	1,250	0
Resurfacing Parking Lots: MCG (P509914)	11,298	4,394	3,004	3,900	650	650	650	650	650	0
Elevator Modernization (P509923)	17,654	6,156	5,498	6,000	1,000	1,000	1,000	1,000	1,000	0
Life Safety Systems: MCG (P509970)	10,438	4,398	2,290	3,750	625	625	625	625	625	0
Building Envelope Repair (P361501)	8,165	16	2,149	6,000	1,000	1,000	1,000	1,000	1,000	0
County Offices and Other Improvements	330,110	50,548	47,704	201,413	52,643	57,247	27,023	18,006	21,854	30,445

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

2025 BUDGET - CONFIDENTIAL - INTERNAL USE ONLY

G.O. Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
3rd District Police Station (P470302)	20,145	18,126	2,019	0	0	0	0	0	0	0
Animal Services and Adoption Center (P470400)	24,018	24,018	0	0	0	0	0	0	0	0
Outdoor Firearms Training Center (P470701)	376	347	29	0	0	0	0	0	0	0
2nd District Police Station (P471200)	6,871	2,297	382	4,192	4,192	0	0	0	0	0
PSTA Academic Building Complex (P479908)	8,544	2,844	175	5,525	175	5,175	175	0	0	0
Pre-Release Center Dietary Facilities Improvements(P420900)	62,113	49,639	2,757	9,717	4,367	5,175	175	0	0	0
Criminal Justice Complex (P421100)	3,502	119	234	3,149	71	188	2,720	170	0	0
DOCR Staff Training Center (P421101)	2,839	744	727	1,368	0	0	684	684	0	0
Detention Center Reuse (P429755)	14	14	0	0	0	0	0	0	0	0
Correction and Rehabilitation	5,286	4,812	474	0	0	0	0	0	0	0
Judicial Center Annex (P100300)	11,641	5,689	1,435	4,517	71	188	3,404	854	0	0
Public Safety Headquarters (P470906)	130,191	113,888	12,293	4,010	3,960	50	0	0	0	0
PSTA & Multi Agency Service Park - Site Dev. (P470907)	109,156	108,712	0	0	0	0	0	0	0	444
Public Safety Training Academy (PSTA) Relocation (P471102)	77,381	77,381	0	0	0	0	0	0	0	0
Other Public Safety	25,909	4,655	21,254	0	0	0	0	0	0	0
Public Safety	342,637	304,636	33,547	4,010	3,960	50	0	0	0	444
Travilah Road (P500101)	552,748	390,820	59,687	101,797	22,372	16,501	10,628	27,908	22,586	1,802
Bethesda CBD Streetscape (P500102)	5,127	4,919	208	0	0	0	0	0	0	0
Advance Reforestation (P500112)	5,721	413	500	410	0	0	0	0	0	4,398
Woodfield Road Extended (P500151)	1,109	984	125	0	0	0	0	0	0	0
Citadel Avenue Extended (P500310)	11,799	11,477	322	0	0	0	0	0	0	0
Montrose Parkway West (P500311)	1,155	1,155	0	0	0	0	0	0	0	0
Highway Noise Abatement (P500338)	55,365	55,365	0	0	0	0	0	0	0	0
Nebel Street Extended (P500401)	2,936	2,815	71	50	25	25	0	0	0	0
Burtonsville Access Road (P500500)	8,557	7,206	1,351	0	0	0	0	0	0	0
	6,802	474	0	335	0	0	0	0	0	5,993

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

G.O. Bonds

Project

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Bridge Preservation Program (P500313)	10,429	5,487	1,858	3,084	514	514	514	514	514	514
East Gude Drive Westbound Bridge No. M-131-4 (P500901)	1,157	1,157	0	0	0	0	0	0	0	0
Cedar Lane Bridge (M0074) (P501105)	1,299	1,298	1	0	0	0	0	0	0	0
Whites Ferry Road Bridges No.M-0187B and M-0189B (P501301)	2,485	2,447	38	0	0	0	0	0	0	0
Gold Mine Road Bridge M-0096 (P501302)	2,762	0	235	2,527	1,508	1,019	0	0	0	0
Elmhurst Parkway Bridge (Bridge No. M-0353) (P501420)	974	14	960	0	0	0	0	0	0	0
Bridge Design (P509132)	16,133	10,960	1,089	4,084	1,022	873	694	605	492	398
Bridge Renovation (P509753)	9,683	1,755	3,290	4,638	773	773	773	773	773	773
Valley Road Bridge (P501521)	363	126	237	0	0	0	0	0	0	0
Piney Meetinghouse Road Bridge (P501522)	1,218	5	99	1,114	273	841	0	0	0	0
Park Valley Road Bridge (P501523)	1,038	0	130	908	813	95	0	0	0	0
Pennyfield Lock Road Bridge (P501624)	1,110	0	435	675	675	0	0	0	0	0
	48,651	23,249	8,372	17,030	5,578	4,115	1,981	1,892	1,779	1,685
Bethesda Bikeway and Pedestrian Facilities (P500119)	5,230	2,737	68	2,425	506	1,919	0	0	0	0
Greentree Road Sidewalk (P500506)	3,856	3,856	0	0	0	0	0	0	0	0
Shady Grove Access Bike Path (P500600)	1,484	1,484	0	0	0	0	0	0	0	0
MacArthur Blvd Bikeway Improvements (P500718)	17,830	8,493	467	8,870	0	0	506	1,234	3,060	4,070
Dale Drive Sidewalk (P500904)	4,815	4,549	266	0	0	0	0	0	0	0
Falls Road East Side Hiker/ Biker Path (P500905)	18,536	0	0	1,478	0	0	0	119	0	1,359
BRAC Bicycle and Pedestrian Facilities (P501000)	4,450	3,203	1,247	0	0	0	0	0	0	0
MD 355 Sidewalk (Hyattstown) (P501104)	2,175	607	1,103	465	465	0	0	0	0	0
Metropolitan Branch Trail (P501110)	18,293	1,533	3,982	12,778	509	4,840	7,429	0	0	0
Frederick Road Bike Path (P501118)	7,193	833	1,365	4,975	423	2,542	2,010	0	0	0
Needwood Road Bikepath (P501304)	4,905	606	2,273	2,026	1	2,025	0	0	0	0
Sidewalk Program - Minor Projects (P506747)	21,210	1,936	4,790	14,484	2,414	2,414	2,414	2,414	2,414	2,414
Bikeway Program - Minor Projects (P507596)	4,805	208	1,428	3,169	519	530	530	530	530	530

31
Bridges

G.O. Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
ADA Compliance: Transportation (P509325)	12,912	1,084	2,678	9,150	1,525	1,525	1,525	1,525	1,525	1,525
Silver Spring Green Trail (P509975)	862	79	0	783	118	164	170	140	127	64
Forest Glen Pedestrian Bridge (P509976)	4,408	4,408	0	0	0	0	0	0	0	0
Seven Locks Bikeway & Safety Improvements (P501303)	27,928	0	0	8,252	0	0	1,705	2,488	2,149	1,910
Capital Crescent Trail (P501316)	48,606	0	0	48,507	10,192	8,616	9,011	10,593	5,888	4,207
Transportation Improvements For Schools (P509036)	1,934	100	580	1,254	209	209	209	209	209	209
Bicycle-Pedestrian Priority Area Improvements (P501532)	16,000	0	1,000	15,000	2,000	2,000	2,000	2,500	3,250	3,250
MD355-Clarksburg Shared Use Path(P501744)	2,787	0	0	2,787	20	299	841	1,627	0	0
Bradley Boulevard (MD 191) Improvements (P501733)	15,500	0	0	3,126	0	0	0	668	682	1,776
Franklin Avenue Sidewalk (P501734)	3,300	0	0	3,300	0	0	0	346	767	2,187
Pedestrian Facilities/Bikeways Redland Rd from Crabbs Branch Way - Baederwood La (P500010)	249,020	35,716	21,267	142,829	18,901	27,093	28,350	24,393	20,601	23,501
Pedestrian Safety Program (P500333)	5,369	5,186	183	0	0	0	0	0	0	0
Streetlight Enhancements-CBD/Town Center (P500512)	8,605	3,233	650	4,722	796	926	750	750	750	750
Traffic Signal System Modernization (P500704)	3,995	2,157	338	1,500	250	250	250	250	250	250
Intersection and Spot Improvements (P507017)	15,494	14,528	966	0	0	0	0	0	0	0
Streetlighting (P507055)	9,545	200	1,433	7,912	1,232	1,304	1,344	1,344	1,344	1,344
Traffic Signals (P507154)	10,098	969	1,299	7,830	980	1,370	1,370	1,370	1,370	1,370
Guardrail Projects (P508113)	35,121	2,337	6,896	25,888	3,659	4,765	3,911	3,883	4,835	4,835
Silver Spring Traffic Improvements (P508716)	2,553	358	305	1,890	315	315	315	315	315	315
Advanced Transportation Management System (P509399)	362	15	347	0	0	0	0	0	0	0
Neighborhood Traffic Calming (P509523)	8,396	8,396	0	0	0	0	0	0	0	0
Traffic Improvements	2,631	200	571	1,860	310	310	310	310	310	310
Rapid Transit System (P501318)	102,169	37,579	12,988	51,602	7,542	9,240	8,250	8,222	9,174	9,174
MCPS & M-NCPPC Maintenance Facilities Relocation (P361109)	2,900	0	0	2,900	400	2,500	0	0	0	0
Transit Park and Ride Lot Renovations (P500534)	42,607	1,023	12,883	11,700	0	0	0	11,700	0	17,001
	3,039	747	940	1,352	843	509	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (P00000)

G.O. Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
White Oak Transit Center (P500602)	2,476	2,409	67	0	0	0	0	0	0	0
Bethesda Metro Station South Entrance (P500929)	104,407	0	0	104,272	15,042	22,148	23,342	25,035	10,742	7,963
Equipment Maintenance and Operations Center (EMOC) (P500933)	129,326	129,326	0	0	0	0	0	0	0	0
Bus Stop Improvements (P507658)	3,198	1,159	218	1,821	305	586	930	0	0	0
Silver Spring Transit Center (P509974)	63,199	60,534	2,665	0	0	0	0	0	0	0
Purple Line (P501603)	45,612	0	1,030	44,582	3,596	388	433	115	20,050	20,000
Resurfacing: Residential/Rural Roads (P500511)	396,764	195,198	17,803	166,627	20,186	26,131	24,705	36,850	30,792	27,963
North County Maintenance Depot (P500522)	130,238	74,021	18,717	37,500	3,900	3,100	6,500	7,500	8,250	8,250
Colesville Depot (P500709)	15,980	15,877	103	0	0	0	0	0	0	0
Resurfacing Park Roads and Bridge Improvements (P500720)	10,414	5,210	5,204	0	0	0	0	0	0	0
Residential and Rural Road Rehabilitation (P500914)	9,360	4,871	889	3,600	600	600	600	600	600	600
Permanent Patching: Residential/Rural Roads (P501106)	65,417	25,506	13,175	26,736	0	1,702	3,100	5,234	8,100	8,600
Sidewalk & Curb Replacement (P508182)	41,700	20,395	5,905	15,400	2,400	1,400	2,400	2,900	3,150	3,150
Resurfacing: Primary/Arterial (P508527)	48,591	4,984	7,907	35,700	4,700	6,200	6,200	6,200	6,200	6,200
Seven Locks Technical Center Phase II (P509927)	32,948	10,467	12,467	10,014	0	0	14	500	4,750	4,750
Brookville Service Park (P509928)	13,095	13,093	2	0	0	0	0	0	0	0
Highway Maintenance	16,604	16,603	1	0	0	0	0	0	0	0
Transportation	384,347	191,027	64,370	128,950	11,600	13,002	18,814	22,934	31,050	31,550
School Based Health & Linkages to Learning Centers (P640400)	1,686,942	638,572	149,251	556,315	66,571	80,453	86,830	103,133	112,201	107,127
High School Wellness Center (P640902)	10,551	8,937	405	1,209	695	84	305	125	0	0
Dennis Avenue Health Center (P641106)	5,638	3,325	1,094	1,219	0	645	450	124	0	0
Children's Resource Center (P641300)	37,395	20,149	13,546	3,700	3,700	0	0	0	0	0
Child Care in Schools (P649187)	52	52	0	0	0	0	0	0	0	0
Progress Place Relocation and Personal Living Quarters (P601401)	4,207	2,123	766	1,318	813	42	373	90	0	0
Avery Road Treatment Center (P601502)	262	0	175	87	87	0	0	0	0	0
	4,889	0	192	4,697	894	3,465	338	0	0	0

G.O. Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Health and Human Services (SC41)										
Health and Human Services										
North Bethesda Community Recreation Center (P720100)	62,994	34,586	16,178	12,230	6,189	4,236	1,466	339	0	0
White Oak Community Recreation Center (P720101)	62,994	34,586	16,178	12,230	6,189	4,236	1,466	339	0	0
North Potomac Community Recreation Center (P720102)	1,536	0	0	0	0	0	0	0	0	1,536
Cost Sharing: MCG (P720601)	12,410	12,398	12	0	0	0	0	0	0	0
Plum Gar Neighborhood Recreation Center (P720905)	33,311	19,344	13,967	0	0	0	0	0	0	0
Scotland Neighborhood Recreation Center (P720916)	2,398	0	1,000	1,398	1,398	0	0	0	0	0
Recreation Facility Modernization (P720917)	1,043	1,017	26	0	0	0	0	0	0	0
Good Hope Neighborhood Recreation Center (P720918)	3,149	2,771	378	0	0	0	0	0	0	0
Ross Boddy Neighborhood Recreation Center (P720919)	42	0	42	0	0	0	0	0	0	0
Western County Outdoor Pool Renovation and Modernization (P721501)	10,600	617	1,950	8,033	7,883	150	0	0	0	0
Kennedy Shriver Aquatic Center Building Envelope Improvement (P721503)	14,515	3,287	11,228	0	0	0	0	0	0	0
Potomac Adaptive Sports Court (P721403)	3,850	332	3,504	14	14	0	0	0	0	0
Wheaton Library and Community Recreation Center (P361202)	7,062	0	0	7,062	0	509	2,836	3,656	61	0
Galithersburg Library Renovation (P710300)	225	0	225	0	0	0	0	0	0	0
Olney Library Renovation and Addition (P710301)	90,141	39,766	32,332	16,507	9,295	659	2,836	3,656	61	1,536
Silver Spring Library (P710302)	73,802	81	9,400	64,321	34,314	27,135	2,872	0	0	0
Clarksburg Library (P710500)	14,467	13,764	703	0	0	0	0	0	0	0
Library Refurbishment Level of Effort (P711502)	12,534	12,386	148	0	0	0	0	0	0	0
21st Century Library Enhancements Level Of Effort (P711503)	30,408	26,548	3,860	0	0	0	0	0	0	0
Noyes Library for Young Children Rehabilitation and Renovation (P711704)	2,134	0	0	2,134	0	0	0	0	1,064	1,070
Storm Drain General (P500320)	16,800	76	2,794	13,930	2,170	2,205	2,205	2,450	2,450	0
	225	0	225	0	0	0	0	0	0	0
	1,000	0	0	1,000	100	900	0	0	0	0
	151,370	52,855	17,130	81,385	36,584	30,240	5,077	2,450	3,514	3,520
	241,511	92,621	49,462	97,892	45,879	30,899	7,913	6,106	3,575	1,536
	9,169	9,169	0	0	0	0	0	0	0	0

Recreation

Libraries

Culture and Recreation

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

G.O. Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Sonoma / Ayriawn Storm Drain Improvements (P500509)	3,076	3,076	0	0	0	0	0	0	0	0
Town of Chevy Chase Storm Drain Improvements (P500808)	3,262	3,260	2	0	0	0	0	0	0	0
Maple Avenue Storm Drain & Roadway Improvements (P501100)	1,510	1,510	0	0	0	0	0	0	0	0
Henderson Avenue Storm Drain & Roadway Improvement (P501108)	2,247	2,247	0	0	0	0	0	0	0	0
Facility Planning: Storm Drains (P508180)	101	101	0	0	0	0	0	0	0	0
Glen Echo Storm Drain (P508637)	625	625	0	0	0	0	0	0	0	0
Outfall Repairs (P509948)	5,357	5,148	209	0	0	0	0	0	0	0
Storm Drain Culvert Replacement (P501470)	1,500	1,500	0	0	0	0	0	0	0	0
Storm Drains	26,847	26,636	211	0	0	0	0	0	0	0
Watershed Restoration - Interagency (P809342)	527	527	0	0	0	0	0	0	0	0
Stormwater Management	527	527	0	0	0	0	0	0	0	0
Ag Land Pres Easements (P788911)	308	308	0	0	0	0	0	0	0	0
Ag Land Preservation	308	308	0	0	0	0	0	0	0	0
Conservation of Natural Resources	27,682	27,471	211	0	0	0	0	0	0	0
Burtonsville Community Revitalization (P760900)	2,370	0	2,370	0	0	0	0	0	0	0
Community Development	2,370	0	2,370	0	0	0	0	0	0	0
Affordable Housing Acquisition and Preservation (P760100)	9,725	0	9,725	0	0	0	0	0	0	0
Housing (SC69)	9,725	0	9,725	0	0	0	0	0	0	0
Community Development and Housing	12,095	0	12,095	0	0	0	0	0	0	0
Legacy Open Space (P018710)	53,620	29,616	2,473	16,000	2,500	2,500	2,750	2,750	2,750	5,531
Acquisition	53,620	29,616	2,473	16,000	2,500	2,500	2,750	2,750	2,750	5,531
Ballfield Improvements (P008720)	7,223	0	1,073	6,150	900	900	900	950	1,250	0
Woodstock Equestrian Center (P018712)	57	57	0	0	0	0	0	0	0	0
Laytonia Recreational Park (P038703)	8,811	1,591	4,720	2,500	1,700	800	0	0	0	0
Montrose Trail (P038707)	544	544	0	0	0	0	0	0	0	0
Rock Creek Trail Pedestrian Bridge (P048703)	3,207	3,207	0	0	0	0	0	0	0	0

G.O. Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Black Hill Trail Renovation and Extension (P058701) Pollution Prevention and Repairs to Ponds & Lakes (P078701)	1,708	1,708	0	0	0	0	0	0	0	0
Brookside Gardens Master Plan Implementation (P078702)	2,655	0	605	2,050	300	350	350	350	350	350
Woodlawn Barn Visitors Center (P098703)	7,378	3,795	2,329	1,254	954	300	0	0	0	0
Magruder Branch Trail Extension (P098706)	511	511	0	0	0	0	0	0	0	0
Lake Needwood Modifications (P098708)	2,269	0	0	0	0	0	0	0	0	2,269
Shady Grove Maintenance Facility Relocation (P098709)	3,290	3,290	0	0	0	0	0	0	0	0
Rock Creek Maintenance Facility (P118702)	250	200	50	0	0	0	0	0	0	0
Warner Circle Special Park (P118703)	9,655	1,019	8,636	0	0	0	0	0	0	0
Northwest Branch Recreational Park-Athletic Area (P118704)	5,115	0	163	0	0	0	0	0	0	4,852
ADA Compliance: Non-Local Parks (P128702)	4,600	2	348	250	0	0	0	0	100	150
Little Bennett Regional Park Day Use Area (P138703)	5,846	0	896	4,750	750	800	800	800	800	800
Cost Sharing: Non-Local Parks (P761682)	13,544	0	0	4,491	0	0	256	317	2,583	1,335
Trails: Hard Surface Design & Construction (P768673)	346	0	46	300	50	50	50	50	50	50
Restoration Of Historic Structures (P808494)	3,108	0	1,008	2,100	450	450	300	300	300	300
Stream Protection: SVP (P818571)	548	0	248	300	50	50	50	50	50	50
Roof Replacement: Non-Local Pk (P838882)	4,449	0	849	3,600	600	600	600	600	600	600
Trails: Natural Surface & Resource-based Recreation (P858710)	1,382	0	182	1,200	200	200	200	200	200	200
Trails: Hard Surface Renovation (P888754)	448	0	148	300	50	50	50	50	50	50
Energy Conservation - Non-Local Parks (P988711)	3,291	0	891	2,400	700	500	300	300	300	300
S. Germantown Recreational Park: Soccerplex Fac. (P988712)	310	0	70	240	40	40	40	40	40	40
Minor New Construction - Non-Local Parks (P988763)	748	748	0	0	0	0	0	0	0	0
Resurfacing Parking Lots & Paths: Non-Local Parks (P988764)	2,960	0	310	2,650	1,000	750	225	225	225	225
Planned Lifecycle Asset Replacement: NL Parks (P968755)	429	429	0	0	0	0	0	0	0	0
Urban Park Elements (P871540)	6,143	0	1,143	5,000	1,300	1,300	600	600	600	600
North Branch Trail (P871541)	550	0	250	300	50	50	50	50	50	50
	2,390	0	0	2,390	0	0	1,177	1,213	0	0

G.O. Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Josiah Henson Historic Park (P871552)	4,606	0	0	4,606	34	740	1,700	1,300	832	0
Little Bennett Regional Park Trail Connector (P871744)	1,780	0	0	150	0	0	0	0	0	1,630
Ovid Hazen Wells Recreational Park (P871745)	19,000	0	0	4,650	0	0	325	325	1,300	14,350
S. Germantown Recreational Park: Cricket Field (P871746)	2,300	0	0	2,300	75	800	925	500	0	0
	131,251	17,101	23,965	53,931	9,203	8,730	8,898	8,220	9,680	36,254
Redland MS - Improvements (P016519)	184,871	46,717	26,438	69,931	11,703	11,230	11,648	10,970	12,430	41,785
Brookhaven ES Addition (P096500)	9,838	9,838	0	0	0	0	0	0	0	0
Fairland ES Addition (P096501)	5,690	5,690	0	0	0	0	0	0	0	0
Harmony Hills ES Addition (P096503)	6,988	6,988	0	0	0	0	0	0	0	0
Jackson Road ES Addition (P096504)	3,007	3,007	0	0	0	0	0	0	0	0
Montgomery Knolls ES Addition (P096505)	1,228	1,228	0	0	0	0	0	0	0	0
Rock View ES Addition (P096506)	7,044	7,044	0	0	0	0	0	0	0	0
Whetstone ES Addition (P096508)	3,470	3,470	0	0	0	0	0	0	0	0
Bradley Hills ES Addition (P116503)	5,457	5,457	0	0	0	0	0	0	0	0
Clarksburg HS Addition (P116505)	10,540	14,845	-4,305	0	0	0	0	0	0	0
Clarksburg/Damascus MS (New) (P116506)	1,551	606	945	0	0	0	0	0	0	0
Darnestown ES Addition (P116507)	22,802	1,708	18,902	2,192	2,192	0	0	0	0	0
Georgian Forest ES Addition (P116508)	7,159	9,593	-2,434	0	0	0	0	0	0	0
Somerset ES Addition (P116509)	6,423	7,620	-1,197	0	0	0	0	0	0	0
Viers Mill ES Addition (P116510)	1,516	1,516	0	0	0	0	0	0	0	0
Waters Landing ES Addition (P116511)	8,841	9,177	-336	0	0	0	0	0	0	0
Westbrook ES Addition (P116512)	3,281	3,281	0	0	0	0	0	0	0	0
Wyngate ES Addition (P116513)	7,737	9,805	-2,068	0	0	0	0	0	0	0
Arcola ES Addition (P136500)	7,392	10,230	-2,838	0	0	0	0	0	0	0
Bethesda ES Addition (P136501)	3,804	2,294	1,510	0	0	0	0	0	0	0
	3,970	2,393	1,577	0	0	0	0	0	0	0

G.O. Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Bethesda-Chevy Chase MS #2 (P136502)	13,487	2,879	360	10,248	10,093	155	0	0	0	0
North Chevy Chase ES Addition (P136504)	4,776	1,987	2,789	0	0	0	0	0	0	0
Northwest Cluster ES Solution (P136505)	18,258	0	894	17,364	0	0	4,660	7,532	5,172	0
Rosemary Hills ES Addition (P136506)	4,139	1,866	2,273	0	0	0	0	0	0	0
Julius West MS Addition (P136507)	7,563	409	5,478	1,676	1,676	0	0	0	0	0
Wood Acres ES Addition (P136508)	5,969	232	4,922	915	915	0	0	0	0	0
Sargent Shriver ES Addition (DCC Solution) (P651501)	-341	0	-341	0	0	0	0	0	0	0
S. Christa McAuliffe ES Addition (P651502)	8,154	0	0	8,154	148	5,848	1,367	781	0	0
North Bethesda MS Addition (P651503)	20,769	438	476	19,855	10,147	8,168	1,540	0	0	0
Lucy V. Barnsley ES Addition (P651504)	11,172	450	0	10,722	6,391	3,348	983	0	0	0
Kensington-Parkwood ES Addition (P651505)	12,679	399	289	11,981	6,293	4,756	932	0	0	0
Kemp Mill ES Addition (DCC Solution) (P651506)	-774	0	-774	0	0	0	0	0	0	0
Judith Resnik ES Addition (P651507)	3,202	0	0	3,202	23	348	1,038	1,000	793	0
Highland ES Addition (DCC Solution) (P651508)	-713	0	-713	0	0	0	0	0	0	0
Glen Haven ES Addition (DCC Solution) (P651509)	-367	0	-367	0	0	0	0	0	0	0
Diamond ES Addition (P651510)	7,196	0	0	7,196	3,959	2,560	677	0	0	0
Burtonsville ES Addition (P651511)	5,991	0	0	5,991	0	352	1,801	786	3,052	0
Brookhaven ES Addition (DCC Solution) (P651512)	-481	0	-481	0	0	0	0	0	0	0
Bethesda-Chevy Chase HS Addition (P651513)	36,361	698	691	34,972	15,750	16,313	2,909	0	0	0
Ashburton ES Addition (P651514)	13,747	0	0	13,747	406	7,003	5,314	1,024	0	0
Blair Ewing Center Improvements (P651515)	16,579	605	454	15,520	0	3,375	6,274	5,871	0	0
Northwood Cluster HS Solution (P651517)	3,790	0	0	3,790	0	49	927	1,656	1,158	0
Galthersburg ES Addition (P651518)	25,498	0	0	25,498	1,498	1,872	6,954	11,254	3,920	0
Albert Einstein Cluster HS Solution (P651519)	2,321	0	0	2,321	0	76	556	994	695	0
Clarksburg Cluster ES (Clarksburg Village Site #1) (P116504)	0	4,714	0	-4,714	-4,714	0	0	0	0	0
Walter Johnson Cluster HS Solution (651607)	3,111	0	0	3,111	0	118	741	1,325	927	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

G.O. Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Thomas W. Pyle MS Addition (P651705)	18,899	0	0	18,899	400	313	1,970	11,568	4,648	0
East Silver Spring ES Addition (P086500)	5,271	5,271	0	0	0	0	0	0	0	0
Greencastle ES Addition (P651710)	11,218	0	0	10,438	0	0	498	398	4,239	780
Col E Brooke Lee MS Addition (P651712)	20,045	0	0	20,045	0	0	1,230	6,164	11,115	1,536
Piney Branch ES Addition (P651707)	4,211	0	0	4,211	0	0	274	219	2,227	1,491
Montgomery Knolls ES Addition (P651709)	6,605	0	0	6,605	273	218	3,227	2,443	444	0
Walt Whitman HS Addition (P651704)	22,073	0	0	22,073	0	830	664	9,067	9,980	1,532
Clarksburg Cluster ES (Clarksburg Village Site #2) (P651713)	36,008	0	0	36,008	1,238	5,084	18,202	11,474	0	0
Woodlin ES Addition (P651703)	15,297	0	0	14,098	0	0	583	350	5,728	7,437
Takoma Park MS Addition (P651706)	25,186	0	0	25,186	500	477	2,182	14,820	7,207	0
Pine Crest ES Addition (P651708)	8,623	0	0	8,623	352	211	3,492	3,942	626	0
East Silver Spring ES Addition (P651714)	3,514	0	0	3,282	0	0	160	96	1,448	232
Individual Schools	526,774	135,738	25,616	363,209	57,540	61,484	69,155	92,774	63,379	18,877
Indoor Air Quality Improvements: MCPS (P006503)	31,055	19,926	2,147	8,982	1,497	1,497	1,497	1,497	1,497	0
Fire Safety Code Upgrades (P018532)	25,483	11,769	446	13,268	5,000	5,000	817	817	817	0
Restroom Renovations (P056501)	16,275	11,699	36	4,540	2,290	2,250	0	0	0	0
Transportation Maintenance Depot (P056510)	500	500	0	0	0	0	0	0	0	0
Building Modifications and Program Improvements (P076506)	33,384	23,484	3,500	6,400	3,200	3,200	0	0	0	0
County Water Quality Compliance (P106500)	130	130	0	0	0	0	0	0	0	0
WSSC Compliance (P126500)	6,400	6,400	0	0	0	0	0	0	0	0
Modifications to Holding, Special Education & Alle (P136510)	3,000	3,000	0	0	0	0	0	0	0	0
Land Acquisition: MCPS (P546034)	7,357	7,357	0	0	0	0	0	0	0	0
Design and Construction Management (P746032)	75,575	44,453	1,722	29,400	4,900	4,900	4,900	4,900	4,900	0
Roof Replacement: MCPS (P766995)	80,189	19,018	6,553	54,618	11,618	9,500	6,500	10,500	7,500	9,000
Energy Conservation: MCPS (P796222)	31,552	17,422	1,788	12,342	2,057	2,057	2,057	2,057	2,057	0
ADA Compliance: MCPS (P796235)	28,593	16,593	3,000	9,000	2,100	2,100	1,200	1,200	1,200	0

G.O. Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
HVAC (Mechanical Systems) Replacement: MCPS (P816633)	188,667	41,832	250	146,585	21,585	18,000	18,000	28,500	28,000	32,500
Asbestos Abatement: MCPS (P816695)	17,810	10,690	250	6,870	1,145	1,145	1,145	1,145	1,145	1,145
Stadium Lighting (P876544)	185	195	0	0	0	0	0	0	0	0
School Gymnasiums (P886550)	19,989	19,999	0	0	0	0	0	0	0	0
Planned Life Cycle Asset Repl: MCPS (P896586)	101,773	55,529	2,882	43,362	10,888	9,750	4,741	5,991	5,991	5,991
School Security Systems (P926557)	14,424	14,424	0	0	0	0	0	0	0	0
Stormwater Discharge & Water Quality Mgmt: MCPS (P956550)	10,396	6,342	358	3,696	616	616	616	616	616	616
Facility Planning: MCPS (P866553)	6,423	3,912	398	2,113	480	415	252	322	322	322
Improved (Safe) Access to Schools (P875051)	14,343	9,563	780	4,000	2,000	2,000	0	0	0	0
Future Revitalizations/Expansions(P886536)	154,908	0	0	20,288	0	0	1,400	2,414	5,436	134,610
Rehab/Reno.Of Closed Schools- RROCS (P916587)	129,174	43,959	977	25,739	5,000	17,158	3,581	0	0	58,499
Current Revitalizations/Expansions(P926575)	1,079,991	344,496	97,277	559,062	34,033	77,765	142,925	70,727	114,618	118,984
Shady Grove Transportation Depot Replacement (P651641)	1,725	0	1,725	0	0	0	0	0	0	0
Countywide (SC50)	2,079,321	732,692	124,089	950,275	108,419	157,353	189,631	130,686	174,099	272,265
MCPS Funding Reconciliation (P076510)	-434,767	-95,886	1,674	-340,555	-23,157	-48,209	-43,979	-30,347	-93,857	-101,006
State Aid Reconciliation (P896536)	-317,329	-52,912	-5,917	-258,500	0	-51,700	-51,700	-51,700	-51,700	-51,700
Miscellaneous Projects	-752,096	-148,798	-4,243	-599,055	-23,157	-99,909	-95,679	-82,047	-145,557	-152,706
Montgomery County Public Schools	1,853,999	719,632	145,462	714,429	142,802	118,928	163,107	141,413	91,921	56,258
Macklin Tower Alterations (P038603)	10,604	4,989	999	4,616	2,000	2,616	0	0	0	0
Computer Science Alterations (P048602)	1,159	926	233	0	0	0	0	0	0	0
Bioscience Education Center (P056603)	51,366	50,456	810	100	50	50	0	0	0	0
Elevator Modernization: College (P056608)	4,174	3,011	363	800	400	100	100	0	0	200
Site Improvements: College (P076601)	18,434	12,131	2,398	3,905	700	405	700	700	700	700
Rockville Student Services Center (P076604)	38,640	3,176	2,169	33,295	14,384	18,911	0	0	0	0
Takoma Park/Silver Spring Math & Science Center (P076607)	43,964	0	0	43,964	0	750	2,281	6,442	13,750	20,731
Germanatown Student Services Center (P076612)	45,321	0	0	3,000	0	0	0	0	0	3,000
										42,321

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

G.O. Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Science West Building Renovation (P076622)	18,885	13,753	4,588	544	500	44	0	0	0	0
Science East Building Renovation (P076623)	17,603	15,722	1,881	0	0	0	0	0	0	0
Capital Renewal: College (P096600)	22,888	11,036	1,852	10,000	1,000	1,000	2,000	2,000	2,000	0
Germanatown Observation Drive Reconstruction (P096604)	1,000	0	0	1,000	350	500	150	0	0	0
Germanatown Science & Applied Studies Phase 1-Renov (P136600)	20,881	1,413	3,760	15,708	7,500	8,208	0	0	0	0
Rockville Parking Garage (P136601)	16,450	13,933	2,417	100	50	50	0	0	0	0
Energy Conservation: College (P816611)	3,262	2,499	109	654	109	109	109	109	109	0
Information Technology: College (P856509)	4,603	4,603	0	0	0	0	0	0	0	0
Roof Replacement: College (P876664)	6,614	3,887	1,727	1,000	0	0	250	250	250	0
Planning, Design & Construction (P906605)	16,284	9,737	1,795	4,752	792	792	792	792	792	0
Planned Lifecycle Asset Replacement: College (P926659)	64,232	37,821	4,611	21,800	2,700	3,100	4,000	4,000	4,000	0
ADA Compliance: College (P936660)	1,603	1,233	70	300	50	50	50	50	50	0
Higher Education	407,967	190,326	29,782	145,538	30,585	36,685	10,442	14,343	21,651	42,321
Montgomery College	407,967	190,326	29,782	145,538	30,585	36,685	10,442	14,343	21,651	42,321
Sprinkler Systems for HOC Elderly Properties (P097600)	6,894	2,808	4,086	0	0	0	0	0	0	0
Housing	6,894	2,808	4,086	0	0	0	0	0	0	0
Housing Opportunities Commission	6,894	2,808	4,086	0	0	0	0	0	0	0
Glenmont Metro Parking Expansion (P500552)	1	1	0	0	0	0	0	0	0	0
Mass Transit (SC96)	1	1	0	0	0	0	0	0	0	0
WMATA	1	1	0	0	0	0	0	0	0	0
Total	5,477,504	2,203,846	553,283	1,974,880	422,043	384,366	337,206	307,418	286,418	745,495

HIF Revolving Program

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Affordable Housing Acquisition and Preservation (P760100)										
Housing (SC69)	121,252	89,809	10,191	21,252	13,409	7,843	0	0	0	0
Community Development and Housing	121,252	89,809	10,191	21,252	13,409	7,843	0	0	0	0
Total	121,252	89,809	10,191	21,252	13,409	7,843	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Print Date: 06/13/2018 12:33 PM

HOC Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
HOC Cty Guaranteed Bond Projects (P809482)										
Housing	50,000	50,000	0	0	0	0	0	0	0	0
Housing Opportunities Commission	50,000	50,000	0	0	0	0	0	0	0	0
Total	50,000	50,000	0	0	0	0	0	0	0	0

Impact Tax

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Woodfield Road Extended (P500151)	1,746	1,746	0	0	0	0	0	0	0	0
Montrose Parkway West (P500311)	17,568	17,533	35	0	0	0	0	0	0	0
Nebel Street Extended (P500401)	1,195	1,195	0	0	0	0	0	0	0	0
Stringtown Road Extended (P500403)	5,199	5,199	0	0	0	0	0	0	0	0
Father Hurley Blvd. Extended (P500516)	2,330	2,330	0	0	0	0	0	0	0	0
Montrose Parkway East (P500717)	18,743	1,617	6,212	10,914	799	0	1,408	2,362	3,172	3,173
Chapman Avenue Extended (P500719)	5,751	4,716	1,035	0	0	0	0	0	0	0
State Transportation Participation (P500722)	610	610	0	0	0	0	0	0	0	0
Watkins Mill Road Extended (P500724)	5,006	4,518	488	0	0	0	0	0	0	0
Goshen Road South (P501107)	4,162	1,622	31	2,509	0	0	1,125	662	275	447
Snouffer School Road (P501109)	4,289	165	1,052	3,072	0	3,072	0	0	0	0
Snouffer School Road North (Webb Tract) (P501119)	5,430	481	484	4,465	500	3,000	965	0	0	0
Clarksburg Transportation Connections (P501315)	2,247	0	1,980	267	267	0	0	0	0	0
Norbeck Road Extended (P509321)	4,602	4,602	0	0	0	0	0	0	0	0
Facility Planning-Transportation (P509337)	6,070	3,050	1,500	1,520	610	910	0	0	0	0
Maryland/Dawson Extended (P501405)	2,760	0	500	2,260	2,260	0	0	0	0	0
MCG Reconciliation PDF (501404)	14,617	0	2,169	12,448	4,683	985	2,055	2,025	1,063	1,637
Falls Road East Side Hiker/ Biker Path (P500905)	102,325	49,384	15,486	37,455	9,119	7,967	5,553	5,049	4,510	5,257
Capital Crescent Trail (P501316)	6,244	0	0	6,244	0	0	0	0	3,244	3,000
Rockville Sidewalk Extensions (P501430)	8,791	69	3,816	4,906	0	0	2,200	2,706	0	0
Pedestrian Facilities/Bikeways	532	350	182	0	0	0	0	0	0	0
White Flint Traffic Analysis and Mitigation (P501202)	15,567	419	3,998	11,150	0	0	2,200	2,706	3,244	3,000
Traffic Improvements	685	458	227	0	0	0	0	0	0	0
	685	458	227	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Print Date: 06/13/2018 12:33 PM

Impact Tax

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Rapid Transit System (P501318)	2,000	0	0	2,000	1,000	1,000	0	0	0	0
Ride On Bus Fleet (P500821)	2,350	1,881	469	0	0	0	0	0	0	0
Silver Spring Transit Center (P509974)	5,067	2,671	2,396	0	0	0	0	0	0	0
Mass Transit	9,417	4,552	2,865	2,000	1,000	1,000	0	0	0	0
Transportation	127,994	54,813	22,576	50,605	10,119	8,967	7,753	7,755	7,754	8,257
Total	127,994	54,813	22,576	50,605	10,119	8,967	7,753	7,755	7,754	8,257

Intergovernmental

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Travilah Road (P500101)	20	0	20	0	0	0	0	0	0	0
Woodfield Road Extended (P500151)	157	133	24	0	0	0	0	0	0	0
Citadel Avenue Extended (P500310)	256	256	0	0	0	0	0	0	0	0
Montrose Parkway West (P500311)	655	655	0	0	0	0	0	0	0	0
Stringtown Road Extended (P500403)	10	0	10	0	0	0	0	0	0	0
Burtonsville Access Road (P500500)	88	48	0	0	0	0	0	0	0	40
Father Hurley Blvd. Extended (P500516)	216	0	216	0	0	0	0	0	0	0
Montrose Parkway East (P500717)	728	0	0	728	0	0	0	0	0	728
Chapman Avenue Extended (P500719)	44	0	44	0	0	0	0	0	0	0
Watkins Mill Road Extended (P500724)	1,000	93	907	0	0	0	0	0	0	0
Wapakoneta Road Improvements (P501101)	30	0	30	0	0	0	0	0	0	0
Goshen Road South (P501107)	7,600	0	0	7,600	0	0	0	2,600	2,500	2,500
Snouffer School Road (P501109)	1,250	0	0	1,250	1,250	0	0	0	0	0
Snouffer School Road North (Webb Tract) (P501119)	800	0	0	800	0	0	800	0	0	0
Platt Ridge Drive Extended (P501200)	61	0	0	61	61	0	0	0	0	0
Seminary Road Intersection Improvement (P501307)	25	0	0	25	0	0	0	25	0	0
Clarksburg Transportation Connections (P501315)	600	0	600	0	0	0	0	0	0	0
Subdivision Roads Participation (P508000)	35	0	35	0	0	0	0	0	0	0
Norbeck Road Extended (P509321)	1,948	1,948	0	0	0	0	0	0	0	0
Facility Planning-Transportation (P509337)	785	764	21	0	0	0	0	0	0	0
Roads	16,308	3,897	1,907	10,464	1,311	0	800	2,625	2,500	3,228
Bridge Preservation Program (P500313)	40	0	40	0	0	0	0	0	0	0
Bridges	40	0	40	0	0	0	0	0	0	0
Dale Drive Sidewalk (P500904)	905	905	0	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Print Date: 09/10/2019 14:30 PM

Intergovernmental

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Falls Road East Side Hiker/ Biker Path (P500905)	50	0	0	50	0	0	0	0	50	0
MD 355 Sidewalk (Hyattstown) (P501104)	5	0	5	0	0	0	0	0	0	0
Forest Glen Pedestrian Bridge (P509976)	48	48	0	0	0	0	0	0	0	0
Seven Locks Bikeway & Safety Improvements (P501303)	15	0	0	0	0	0	0	0	0	15
Pedestrian Facilities/Bikeways	1,023	953	5	50	0	0	0	0	50	15
Redland Rd from Crabbs Branch Way - Baederwood La (P500010)	168	0	168	0	0	0	0	0	0	0
Intersection and Spot Improvements (P507017)	23	0	23	0	0	0	0	0	0	0
Traffic Improvements	191	0	191	0	0	0	0	0	0	0
Transportation	17,562	4,850	2,143	10,514	1,311	0	800	2,625	2,550	3,228
Storm Drain General (P500320)	228	223	5	0	0	0	0	0	0	0
Sonoma / Ayrilawn Storm Drain Improvements (P500509)	325	323	2	0	0	0	0	0	0	0
Maple Avenue Storm Drain & Roadway Improvements (P501100)	110	54	56	0	0	0	0	0	0	0
Henderson Avenue Storm Drain & Roadway Improvement (P501108)	23	0	23	0	0	0	0	0	0	0
Glen Echo Storm Drain (P509637)	5	5	0	0	0	0	0	0	0	0
Storm Drains	691	605	86	0	0	0	0	0	0	0
Conservation of Natural Resources	691	605	86	0	0	0	0	0	0	0
Ballfield Improvements (P008720)	750	0	0	750	500	250	0	0	0	0
Development	750	0	0	750	500	250	0	0	0	0
M-NCPPC	750	0	0	750	500	250	0	0	0	0
Total	19,003	5,455	2,229	11,264	1,811	250	800	2,625	2,550	3,228
										55

3-75

Interim Finance

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Montgomery County Radio Shop Relocation (P360902)	3,911	0	0	3,911	608	0	3,303	0	0	0
MCPD Bus Depot and Maintenance Relocation (P360903)	0	0	27,000	-27,000	-27,000	0	0	0	0	0
MCPD Food Distribution Facility Relocation (P361111)	0	20,161	3,018	0	0	0	0	0	0	-23,179
County Offices and Other Improvements	3,911	20,161	30,018	-23,089	-26,392	0	3,303	0	0	-23,179
General Government	3,911	20,161	30,018	-23,089	-26,392	0	3,303	0	0	-23,179
Public Safety Headquarters (P470906)	0	127	317	0	0	0	0	0	0	-444
PSTA & Multi Agency Service Park - Site Dev. (P470907)	19,544	11,418	8,126	0	0	0	0	0	0	0
Public Safety Training Academy (PSTA) Relocation (P471102)	37,217	0	37,217	0	0	0	0	0	0	0
Other Public Safety	56,761	11,545	45,660	0	0	0	0	0	0	-444
Public Safety	56,761	11,545	45,660	0	0	0	0	0	0	-444
MCPD & M-NCPPC Maintenance Facilities Relocation (P361109)	26,432	0	23,730	19,703	31,403	0	0	-11,700	0	-17,001
Equipment Maintenance and Operations Center (EMOC) (P500933)	9,749	6,427	3,322	0	0	0	0	0	0	0
Mass Transit	36,181	6,427	27,052	19,703	31,403	0	0	-11,700	0	-17,001
Transportation	36,181	6,427	27,052	19,703	31,403	0	0	-11,700	0	-17,001
Total	96,853	38,133	102,730	-3,386	5,011	0	3,303	-11,700	0	-40,624

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 08/13/2010 14:39 PM

Investment Income

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Montrose Parkway West (P500311)	98	98	0	0	0	0	0	0	0	0
Stringtown Road Extended (P500403)	441	441	0	0	0	0	0	0	0	0
Norbeck Road Extended (P509321)	1	1	0	0	0	0	0	0	0	0
Roads	540	540	0	0	0	0	0	0	0	0
Transportation	540	540	0	0	0	0	0	0	0	0
Ag Land Pres Easements (P788911)	802	0	0	802	0	70	200	200	210	122
Ag Land Preservation	802	0	0	802	0	70	200	200	210	122
Conservation of Natural Resources	802	0	0	802	0	70	200	200	210	122
Total	1,342	540	0	802	0	70	200	200	210	122

3-77

Land Sale

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Technology Modernization -- MCG (P150701)	2,634	2,634	0	0	0	0	0	0	0	0
MCPS Bus Depot and Maintenance Relocation (P360903)	27,000	0	0	27,000	27,000	0	0	0	0	0
County Offices and Other Improvements	29,634	2,634	0	27,000	27,000	0	0	0	0	0
Wheaton Redevelopment Program (P150401)	15,000	0	0	15,000	0	0	0	15,000	0	0
Economic Development	15,000	0	0	15,000	0	0	0	15,000	0	0
General Government	44,634	2,634	0	42,000	27,000	0	0	15,000	0	0
Judicial Center Annex (P100300)	4,457	4,457	0	0	0	0	0	0	0	0
Other Public Safety	4,457	4,457	0	0	0	0	0	0	0	0
Public Safety	4,457	4,457	0	0	0	0	0	0	0	0
Facility Planning-Transportation (P509337)	2,099	2,099	0	0	0	0	0	0	0	0
Roads	2,099	2,099	0	0	0	0	0	0	0	0
Bridge Design (P509132)	15	15	0	0	0	0	0	0	0	0
Bridges	15	15	0	0	0	0	0	0	0	0
Forest Glen Pedestrian Bridge (P509976)	175	175	0	0	0	0	0	0	0	0
Pedestrian Facilities/Bikeways	175	175	0	0	0	0	0	0	0	0
Silver Spring Transit Center (P509974)	4,339	4,339	0	0	0	0	0	0	0	0
Mass Transit	4,339	4,339	0	0	0	0	0	0	0	0
Street Tree Preservation (P500700)	458	458	0	0	0	0	0	0	0	0
Highway Maintenance	458	458	0	0	0	0	0	0	0	0
Transportation	7,086	7,086	0	0	0	0	0	0	0	0
Cost Sharing: MCG (P720601)	2,661	2,661	0	0	0	0	0	0	0	0
Recreation	2,661	2,661	0	0	0	0	0	0	0	0
Culture and Recreation	2,661	2,661	0	0	0	0	0	0	0	0
Total	58,838	16,838	0	42,000	27,000	0	0	15,000	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Print Date: 06/13/2018 12:33 PM

Land Sale (P&P Only)

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Acquisition: Local Parks (P767828)										
Acquisition	513	0	513	0	0	0	0	0	0	0
M-NCPPC	513	0	513	0	0	0	0	0	0	0
Total	513	0	513	0	0	0	0	0	0	0

Land Sale ? Bethesda PLD

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Bethesda Lot 31 Parking Garage (P500932)	29,160	29,160	0	0	0	0	0	0	0	0
Parking	29,160	29,160	0	0	0	0	0	0	0	0
Transportation	29,160	29,160	0	0	0	0	0	0	0	0
Total	29,160	29,160	0	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

PRINT DATE: 09/13/2018 12:00 PM

Loan Repayment Proceeds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Affordable Housing Acquisition and Preservation (F760100)	36,494	11,326	13,420	11,748	2,591	9,157	0	0	0	0
Housing (SC69)	36,494	11,326	13,420	11,748	2,591	9,157	0	0	0	0
Community Development and Housing	36,494	11,326	13,420	11,748	2,591	9,157	0	0	0	0
Total	36,494	11,326	13,420	11,748	2,591	9,157	0	0	0	0

Long-Term Financing

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Council Office Building Renovations (P010100)	3,300	0	0	3,300	3,300	0	0	0	0	0
Energy Systems Modernization (P361302)	100,000	4,308	35,692	60,000	10,000	10,000	10,000	10,000	10,000	0
Rockville Core (P361702)	23,119	0	0	23,119	519	656	8,559	13,296	89	0
County Offices and Other Improvements	126,419	4,308	35,692	86,419	13,819	10,656	18,559	23,296	10,089	0
Wheaton Redevelopment Program (P150401)	70,145	0	1,574	68,571	43,386	24,059	1,126	0	0	0
Economic Development	70,145	0	1,574	68,571	43,386	24,059	1,126	0	0	0
General Government	196,564	4,308	37,266	154,990	57,205	34,715	19,685	23,296	10,089	0
Cost Sharing: MCG (P720601)	3,850	3,850	0	0	0	0	0	0	0	0
Recreation	3,850	3,850	0	0	0	0	0	0	0	0
Culture and Recreation	3,850	3,850	0	0	0	0	0	0	0	0
Total	200,414	8,158	37,266	154,990	57,205	34,715	19,685	23,296	10,089	10,000

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Print Date: 06/13/2019 14:33 PM

M-NCPPC Contributions

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Ag Land Pres Easements (P788911)	4,423	2,860	663	900	150	150	150	150	150	0
Ag Land Preservation	4,423	2,860	663	900	150	150	150	150	150	0
Conservation of Natural Resources	4,423	2,860	663	900	150	150	150	150	150	0
Total	4,423	2,860	663	900	150	150	150	150	150	0

Major Facilities Capital Projects Fund (MC only)

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Collegewide Physical Education Renovations (P661602)	4,200	0	1,100	3,100	1,000	2,000	100	0	0	0
Higher Education	4,200	0	1,100	3,100	1,000	2,000	100	0	0	0
Montgomery College	4,200	0	1,100	3,100	1,000	2,000	100	0	0	0
Total	4,200	0	1,100	3,100	1,000	2,000	100	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 06/13/2019 14:39 PM

Mass Transit Fund

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Roads										
Facility Planning-Transportation (P509337)	5,453	2,422	1,406	1,625	1,105	260	65	65	65	0
Advanced Transportation Management System (P509399)	5,453	2,422	1,406	1,625	1,105	260	65	65	65	0
	11,064	7,064	1,000	3,000	500	500	500	500	500	0
Traffic Improvements										
	11,064	7,064	1,000	3,000	500	500	500	500	500	0
Rapid Transit System (P501318)	5,875	625	0	5,250	250	2,500	2,500	0	0	0
Montgomery Mall Transit Center (P500714)	1,342	38	1,304	0	0	0	0	0	0	0
Takoma/Langley Park Transit Center (P500715)	2,500	0	2,500	0	0	0	0	0	0	0
Ride On Bus Fleet (P500821)	97,227	1,621	12,440	83,166	7,015	14,882	21,199	15,340	15,860	8,870
Bus Stop Improvements (P507658)	1,918	69	206	1,243	346	367	140	400	0	400
Silver Spring Transit Center (P509974)	93	93	0	0	0	0	0	0	0	0
Mass Transit	108,955	2,446	16,450	89,659	7,611	17,739	23,839	15,740	15,860	8,870
CT										
Transportation	125,472	11,932	18,856	94,284	9,216	18,499	24,404	16,305	16,425	9,435
Total	125,472	11,932	18,856	94,284	9,216	18,499	24,404	16,305	16,425	9,435

Montgomery Housing Initiative Fund

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Affordable Housing Acquisition and Preservation (P760100)	4,775	2,500	2,275	0	0	0	0	0	0	0
Housing (SC69)	4,775	2,500	2,275	0	0	0	0	0	0	0
Community Development and Housing	4,775	2,500	2,275	0	0	0	0	0	0	0
Total	4,775	2,500	2,275	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 08/13/2018 14:33 PM

Motor Pool										
Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Equipment Maintenance and Operations Center (EMOC) (P500933)	550	0	550	0	0	0	0	0	0	0
Mass Transit	550	0	550	0	0	0	0	0	0	0
Transportation	550	0	550	0	0	0	0	0	0	0
Total	550	0	550	0	0	0	0	0	0	0

Municipal (WSSC only)

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Blue Plains WWTP: Plant Wide Projects (P023805)	16,659	10,565	482	3,986	452	459	581	1,046	788	660
Blue Plains WWTP: Enhanced Nutrient Removal (P083800)	10,064	4,643	1,949	3,354	1,798	1,385	92	49	19	11
Blue Plains: Pipelines and Appurtenances (P113804)	7,525	2,801	316	2,747	519	497	491	314	445	481
Blue Plains WWTP: Liquid Train PT 2 (P954811)	19,713	14,107	534	4,570	663	894	1,068	839	507	599
Blue Plains WWTP: Biosolids Mgmt PT2 (P954812)	24,527	21,811	993	1,662	220	194	333	285	474	156
Sewerage Bi-County	78,488	53,927	4,274	16,319	3,652	3,429	2,565	2,533	2,233	1,907
WSSC	78,488	53,927	4,274	16,319	3,652	3,429	2,565	2,533	2,233	1,907
Total	78,488	53,927	4,274	16,319	3,652	3,429	2,565	2,533	2,233	1,907

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 06/13/2016 12:35 PM

PAYGO

Project

	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Council Office Building Renovations (P010100)	7	7	0	0	0	0	0	0	0	0
IAQ Improvements Brookville Bldgs. D & E (P361102)	83	83	0	0	0	0	0	0	0	0
Americans with Disabilities Act (ADA): Compliance (P361107)	4,246	4,246	0	0	0	0	0	0	0	0
Planned Lifecycle Asset Replacement: MCG (P509514)	1,351	1,351	0	0	0	0	0	0	0	0
County Offices and Other Improvements	5,687	5,687	0	0	0	0	0	0	0	0
Fibernet (P509651)	6,926	6,926	0	0	0	0	0	0	0	0
Technology Services	6,926	6,926	0	0	0	0	0	0	0	0
Old Blair Auditorium Reuse (P361113)	544	544	0	0	0	0	0	0	0	0
Other General Government	544	544	0	0	0	0	0	0	0	0
Wheaton Redevelopment Program (P150401)	7,503	7,503	0	0	0	0	0	0	0	0
Economic Development	7,503	7,503	0	0	0	0	0	0	0	0
General Government	20,660	20,660	0	0	0	0	0	0	0	0
Wheaton Rescue Squad Relocation (P450505)	6,816	6,816	0	0	0	0	0	0	0	0
Glenmont FS 18 Replacement (P450900)	1,906	1,906	0	0	0	0	0	0	0	0
Fire/Rescue Service	8,722	8,722	0	0	0	0	0	0	0	0
3rd District Police Station (P470302)	2,894	2,894	0	0	0	0	0	0	0	0
Outdoor Firearms Training Center (P470701)	2,906	2,906	0	0	0	0	0	0	0	0
Police	5,800	5,800	0	0	0	0	0	0	0	0
Detention Center Reuse (P429755)	737	737	0	0	0	0	0	0	0	0
Correction and Rehabilitation	737	737	0	0	0	0	0	0	0	0
PSTA & Multi Agency Service Park - Site Dev. (P470907)	8,200	8,200	0	0	0	0	0	0	0	0
Other Public Safety	8,200	8,200	0	0	0	0	0	0	0	0
Public Safety	23,459	23,459	0	0	0	0	0	0	0	0
Travilah Road (P500101)	7,552	7,552	0	0	0	0	0	0	0	0

PAYGO

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Roads										
Nebel Street Extended (P500401)	1,642	1,642	0	0	0	0	0	0	0	0
Stringtown Road Extended (P500403)	1,048	1,048	0	0	0	0	0	0	0	0
Ripley Street (P501403)	100	100	0	0	0	0	0	0	0	0
	10,342	10,342	0	0	0	0	0	0	0	0
Bridges										
Bridge Design (P509132)	340	340	0	0	0	0	0	0	0	0
	340	340	0	0	0	0	0	0	0	0
Pedestrian Facilities/Bikeways										
Silver Spring Green Trail (P509975)	848	848	0	0	0	0	0	0	0	0
	848	848	0	0	0	0	0	0	0	0
Pedestrian Safety Program (P500333)	2,782	2,782	0	0	0	0	0	0	0	0
Advanced Transportation Management System (P509399)	2,226	2,226	0	0	0	0	0	0	0	0
Traffic Improvements										
Bethesda Metro Station South Entrance (P500929)	5,008	5,008	0	0	0	0	0	0	0	0
	795	795	0	0	0	0	0	0	0	0
Mass Transit										
	795	795	0	0	0	0	0	0	0	0
Resurfacing: Residential/Rural Roads (P500511)	1,617	1,617	0	0	0	0	0	0	0	0
North County Maintenance Depot (P500522)	107	107	0	0	0	0	0	0	0	0
Highway Maintenance										
	1,724	1,724	0	0	0	0	0	0	0	0
Transportation										
	19,057	19,057	0	0	0	0	0	0	0	0
Children's Resource Center (P641300)	413	413	0	0	0	0	0	0	0	0
Child Care in Schools (P649187)	18	18	0	0	0	0	0	0	0	0
Progress Place Relocation and Personal Living Quarters (P601401)	165	165	0	0	0	0	0	0	0	0
Avery Road Treatment Center (P601502)	13	13	0	0	0	0	0	0	0	0
Health and Human Services (SC41)	609	609	0	0	0	0	0	0	0	0
Health and Human Services										
White Oak Community Recreation Center (P720101)	609	609	0	0	0	0	0	0	0	0
	8,730	8,730	0	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 09/13/2016 12:35 PM

PAYGO

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
North Polomac Community Recreation Center (P720102)	2,201	2,201	0	0	0	0	0	0	0	0
Plum Gar Neighborhood Recreation Center (P720905)	6,482	6,482	0	0	0	0	0	0	0	0
Scotland Neighborhood Recreation Center (P720916)	5,269	5,269	0	0	0	0	0	0	0	0
Recreation Facility Modernization (P720917)	8	8	0	0	0	0	0	0	0	0
Good Hope Neighborhood Recreation Center (P720918)	145	145	0	0	0	0	0	0	0	0
Ross Boddy Neighborhood Recreation Center (P720919)	1,245	1,245	0	0	0	0	0	0	0	0
Wheaton Library and Community Recreation Center (P361202)	24,080	24,080	0	0	0	0	0	0	0	0
Wheaton Library and Community Recreation Center (P361202)	2,380	2,380	0	0	0	0	0	0	0	0
Galithersburg Library Renovation (P710300)	6,044	6,044	0	0	0	0	0	0	0	0
Olney Library Renovation and Addition (P710301)	100	100	0	0	0	0	0	0	0	0
Silver Spring Library (P710302)	38,394	38,394	0	0	0	0	0	0	0	0
Culture and Recreation	46,918	46,918	0	0	0	0	0	0	0	0
Burtonsville Community Revitalization (P760900)	70,998	70,998	0	0	0	0	0	0	0	0
Community Development	1,210	1,210	0	0	0	0	0	0	0	0
Community Development and Housing	1,210	1,210	0	0	0	0	0	0	0	0
Legacy Open Space (P018710)	18,780	18,780	0	0	0	0	0	0	0	0
Acquisition	18,780	18,780	0	0	0	0	0	0	0	0
Woodstock Equestrian Center (P018712)	24	24	0	0	0	0	0	0	0	0
Laytonia Recreational Park (P038703)	768	768	0	0	0	0	0	0	0	0
Woodlawn Barn Visitors Center (P098703)	439	439	0	0	0	0	0	0	0	0
Warner Circle Special Park (P118703)	37	37	0	0	0	0	0	0	0	0
S. Germantown Recreational Park: Soccerplex Fac. (P998712)	9,298	9,298	0	0	0	0	0	0	0	0
Development	10,566	10,566	0	0	0	0	0	0	0	0

PAYGO

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
M-NCPPC										
Rehab/Reno.Of Closed Schools- RROCS (P916587)	29,346	29,346	0	0	0	0	0	0	0	0
	375	375	0	0	0	0	0	0	0	0
Countywide (SC50)	375	375	0	0	0	0	0	0	0	0
Montgomery County Public Schools	375	375	0	0	0	0	0	0	0	0
Bioscience Education Center (P056603)	691	691	0	0	0	0	0	0	0	0
Information Technology: College (P856509)	2,041	2,041	0	0	0	0	0	0	0	0
Higher Education	2,732	2,732	0	0	0	0	0	0	0	0
Montgomery College	2,732	2,732	0	0	0	0	0	0	0	0
Sprinkler Systems for HOC Elderly Properties (P097600)	1,826	1,826	0	0	0	0	0	0	0	0
Housing	1,826	1,826	0	0	0	0	0	0	0	0
Housing Opportunities Commission	1,826	1,826	0	0	0	0	0	0	0	0
1 Glenmont Metro Parking Expansion (P500552)	375	375	0	0	0	0	0	0	0	0
2 Mass Transit (SC96)	375	375	0	0	0	0	0	0	0	0
WMATA	375	375	0	0	0	0	0	0	0	0
Total	170,647	170,647	0	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Print Date: 05/13/2016 12:55 PM

POS-Stateside (P&P only)

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Legacy Open Space (P016710)	200	200	0	0	0	0	0	0	0	0
Acquisition	200	200	0	0	0	0	0	0	0	0
M-NCPPC	200	200	0	0	0	0	0	0	0	0
Total	200	200	0	0	0	0	0	0	0	0

3-94

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 08/13/2018 12:33 PM

Park and Planning Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Caroline Freeland Local Park (P871743)	1,808	0	0	1,808	0	0	160	400	0	1,248
Hillandale Local Park (P871742)	4,550	0	0	4,550	130	355	0	1,240	2,825	0
Development	72,775	15,065	12,883	38,054	6,683	6,709	6,703	6,172	6,682	5,105
M-NCPPC	83,544	20,665	13,842	41,264	7,218	7,244	7,238	6,707	7,217	5,640
Total	83,544	20,665	13,842	41,264	7,218	7,244	7,238	6,707	7,217	5,640
										7,773
										7,773
										7,773

Program Open Space

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Legacy Open Space (P018710)	4,003	4,003	0	0	0	0	0	0	0	0
Acquisition: Local Parks (P767828)	7,600	0	1,600	6,000	1,000	1,000	1,000	1,000	1,000	0
Acquisition: Non-Local Parks (P998798)	8,474	0	2,474	6,000	1,000	1,000	1,000	1,000	1,000	0
Acquisition	20,077	4,003	4,074	12,000	2,000	2,000	2,000	2,000	2,000	0
Laytonia Recreational Park (P038703)	3,000	0	3,000	0	0	0	0	0	0	0
Rock Creek Trail Pedestrian Bridge (P048703)	1,370	1,370	0	0	0	0	0	0	0	0
Black Hill Trail Renovation and Extension (P058701)	2,328	2,328	0	0	0	0	0	0	0	0
East Norbeck Local Park Expansion (P058703)	2,369	2,369	0	0	0	0	0	0	0	0
Brookside Gardens Master Plan Implementation (P078702)	1,200	0	1,200	0	0	0	0	0	0	0
Germentown Town Center Urban Park (P078704)	2,950	2,950	0	0	0	0	0	0	0	0
Greenbriar Local Park (P078705)	3,028	2,600	428	0	0	0	0	0	0	0
Takoma-Piney Branch Local Park (P078707)	2,548	2,548	0	0	0	0	0	0	0	0
Evans Parkway Neighborhood Park (P098702)	2,670	2,670	0	0	0	0	0	0	0	0
Darnestown Square Heritage Park (P098704)	568	568	0	0	0	0	0	0	0	0
Falls Road Local Park (P098705)	368	300	68	0	0	0	0	0	0	0
Magruder Branch Trail Extension (P098706)	360	0	0	0	0	0	0	0	0	360
Kemp Mill Urban Park (P138702)	1,200	0	1,000	200	200	0	0	0	0	0
Little Bennett Regional Park Day Use Area (P138703)	1,023	0	0	1,023	0	0	0	0	0	1,023
Seneca Crossing Local Park (P138704)	2,000	0	0	0	0	0	0	0	0	2,000
Woodside Urban Park (P138705)	1,024	0	0	1,024	512	512	0	0	0	0
Trails: Hard Surface Renovation (P888754)	1,800	0	1,000	800	300	500	0	0	0	0
S. Germantown Recreational Park: Soccerplex Fac. (P998712)	525	525	0	0	0	0	0	0	0	0
Planned Lifecycle Asset Replacement: Local Parks (P967754)	1,050	0	0	1,050	500	550	0	0	0	0
Josiah Henson Historic Park (P871552)	526	0	260	266	266	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 08/13/2010 12:33 PM

Program Open Space

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Caroline Freeland Local Park (P871743)	2,000	0	0	2,000	0	0	0	0	2,000	0
Hillandale Local Park (P871742)	3,000	0	0	3,000	0	0	2,000	1,000	0	0
Little Bennett Regional Park Trail Connector (P871744)	1,000	0	0	0	0	0	0	0	0	1,000
Development	37,907	18,228	6,956	9,363	1,778	1,562	2,000	1,000	2,000	1,023
M-NCPPC	57,984	22,231	11,030	21,363	3,778	3,562	4,000	3,000	4,000	3,023
Total	57,984	22,231	11,030	21,363	3,778	3,562	4,000	3,000	4,000	3,023

Qualified Zone Academy Funds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Planned Life Cycle Asset Repl: MCPS (P896586)	10,074	9,173	901	0	0	0	0	0	0	0
Countywide (SC50)	10,074	9,173	901	0	0	0	0	0	0	0
Montgomery County Public Schools	10,074	9,173	901	0	0	0	0	0	0	0
Total	10,074	9,173	901	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 08/13/2018 14:00 PM

Recreation Fund										
Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Technology Modernization -- MCG (P150701)	645	322	323	0	0	0	0	0	0	0
County Offices and Other Improvements	645	322	323	0	0	0	0	0	0	0
General Government	645	322	323	0	0	0	0	0	0	0
Total	645	322	323	0	0	0	0	0	0	0

Recordation Tax - PAYGO

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Rehab/Reno.Of Closed Schools- RROCS (P916587)	7,000	7,000	0	0	0	0	0	0	0	0
Countywide (SC50)	7,000	7,000	0	0	0	0	0	0	0	0
Montgomery County Public Schools	7,000	7,000	0	0	0	0	0	0	0	0
Total	7,000	7,000	0	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

DATE: 09/15/2015 12:00 PM

Recordation Tax Premium

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Technology Modernization -- MCG (P150701) Germantown Transit Center Improvements (P500926)	2,623	2,623	0	0	0	0	0	0	0	0
	271	253	18	0	0	0	0	0	0	0
County Offices and Other Improvements	2,894	2,876	18	0	0	0	0	0	0	0
General Government	2,894	2,876	18	0	0	0	0	0	0	0
Judicial Center Annex (P100300)	5,180	5,180	0	0	0	0	0	0	0	0
Other Public Safety	5,180	5,180	0	0	0	0	0	0	0	0
Public Safety	5,180	5,180	0	0	0	0	0	0	0	0
Montrose Parkway East (P500717)	6,564	914	0	5,650	0	0	0	0	2,825	2,825
Facility Planning-Transportation (P509337)	1,659	1,659	0	0	0	0	0	0	0	0
MCG Reconciliation PDF (501404)	65,261	0	1,130	64,131	7,710	7,843	9,462	7,694	15,090	16,332
Lyttonsville Place Bridge(P501421)	73,484	2,573	1,130	69,781	7,710	7,843	9,462	7,694	17,915	19,157
	400	215	135	50	50	0	0	0	0	0
Bridges	400	215	135	50	50	0	0	0	0	0
Traffic Signal System Modernization (P500704)	6,778	5,191	1,587	0	0	0	0	0	0	0
Traffic Signals (P507154)	5,662	2,540	0	3,122	1,176	70	924	952	0	0
Advanced Transportation Management System (P509399)	1,000	0	1,000	0	0	0	0	0	0	0
Traffic Improvements	13,440	7,731	2,587	3,122	1,176	70	924	952	0	0
Street Tree Preservation (P500700)	7,538	3,000	1,385	3,153	250	836	1,071	996	0	0
Residential and Rural Road Rehabilitation (P500914)	14,080	7,531	0	6,549	2,285	2,898	0	1,366	0	0
Resurfacing: Primary/Arterial (P508527)	17,892	30	1,176	16,686	2,600	3,750	4,736	5,600	0	0
Highway Maintenance	39,510	10,561	2,561	26,388	5,135	7,484	5,807	7,962	0	0
Transportation	126,834	21,080	6,413	99,341	14,071	15,397	16,193	16,608	17,915	19,157
School Based Health & Linkages to Learning Centers (P640400)	65	0	65	0	0	0	0	0	0	0
Health and Human Services (SC41)	65	0	65	0	0	0	0	0	0	0

Recordation Tax Premium

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Health and Human Services	65	0	65	0	0	0	0	0	0	0
Affordable Housing Acquisition and Preservation (P760100)	4,540	0	4,540	0	0	0	0	0	0	0
Housing (SC69)	4,540	0	4,540	0	0	0	0	0	0	0
Community Development and Housing	4,540	0	4,540	0	0	0	0	0	0	0
Total	139,513	29,136	11,036	99,341	14,071	15,397	16,193	16,608	17,915	19,157

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 06/13/2018 12:35 PM

Rental Income - General										
Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Silver Spring Library (P710302)	59	59	0	0	0	0	0	0	0	0
Libraries	59	59	0	0	0	0	0	0	0	0
Culture and Recreation	59	59	0	0	0	0	0	0	0	0
Total	59	59	0	0	0	0	0	0	0	0

Rental Income - Roads

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Montrose Parkway West (P500311)	5	5	0	0	0	0	0	0	0	0
Roads	5	5	0	0	0	0	0	0	0	0
Transportation	5	5	0	0	0	0	0	0	0	0
Total	5	5	0	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Print Date: 09/13/2010 12:00 PM

Revenue Authority

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
S. Germantown Recreational Park: Soccerplex Fac. (P998712)	319	319	0	0	0	0	0	0	0	0
Development	319	319	0	0	0	0	0	0	0	0
M-NCPPC	319	319	0	0	0	0	0	0	0	0
Little Bennett Golf Course (P093903)	255	138	117	0	0	0	0	0	0	0
Needwood Golf Course (P113900)	1,430	124	0	1,306	600	706	0	0	0	0
Northwest Golf Course (P113901)	1,316	622	126	568	189	189	190	0	0	0
Falls Road G.C. Improvements (P967432)	4,549	4,422	0	127	57	70	0	0	0	0
Poolesville Golf Course (P997458)	1,935	1,302	183	450	0	450	0	0	0	0
HG Restroom Amenities-and Grille (P391501)	340	12	88	240	240	0	0	0	0	0
Rattlewood Golf Course (P391701)	60	0	0	60	60	0	0	0	0	0
Golf Courses	9,885	6,620	514	2,751	1,146	1,415	190	0	0	0
Montgomery County Airpark (P703909)	3,033	1,880	78	1,075	195	260	90	100	430	0
Miscellaneous Projects (Revenue Authority)	3,033	1,880	78	1,075	195	260	90	100	430	0
Revenue Authority (C14)	12,918	8,500	592	3,826	1,341	1,675	280	100	430	0
Rockville Parking Garage (P136601)	13,250	11,643	1,507	100	50	50	0	0	0	0
Higher Education	13,250	11,643	1,507	100	50	50	0	0	0	0
Montgomery College	13,250	11,643	1,507	100	50	50	0	0	0	0
Total	26,487	20,462	2,099	3,926	1,391	1,725	280	100	430	0

Revenue Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Bethesda Lot 31 Parking Garage (P500932)	23,424	23,424	0	0	0	0	0	0	0	0
Parking	23,424	23,424	0	0	0	0	0	0	0	0
Transportation	23,424	23,424	0	0	0	0	0	0	0	0
Glenmont Metro Parking Expansion (P500552)	7,569	7,569	0	0	0	0	0	0	0	0
Mass Transit (SC96)	7,569	7,569	0	0	0	0	0	0	0	0
WMATA	7,569	7,569	0	0	0	0	0	0	0	0
Total	30,993	30,993	0	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 06/13/2016 12:33 PM

Revenue Bonds: Liquor Fund

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
DLC Liquor Warehouse (P850900)	53,119	53,119	0	0	0	0	0	0	0	0
County Offices and Other Improvements	53,119	53,119	0	0	0	0	0	0	0	0
General Government	53,119	53,119	0	0	0	0	0	0	0	0
State Transportation Participation (P500722)	60,921	49,072	11,849	0	0	0	0	0	0	0
Roads	60,921	49,072	11,849	0	0	0	0	0	0	0
Rapid Transit System (P501318)	3,600	0	2,000	1,600	1,600	0	0	0	0	0
Bethesda Metro Station South Entrance (P500929)	5,000	826	0	4,174	4,174	0	0	0	0	0
Mass Transit	8,600	826	2,000	5,774	5,774	0	0	0	0	0
Transportation	69,521	49,898	13,849	5,774	5,774	0	0	0	0	0
3 - Glenmont Metro Parking Expansion (P500552)	10,038	9,969	69	0	0	0	0	0	0	0
Mass Transit (SC96)	10,038	9,969	69	0	0	0	0	0	0	0
WMATA	10,038	9,969	69	0	0	0	0	0	0	0
Total	132,678	112,986	13,918	5,774	5,774	0	0	0	0	0

Revolving (P&P only)

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
ALARE: M-NCPPC (P727007)	23,798	0	17,798	6,000	1,000	1,000	1,000	1,000	1,000	0
Acquisition	23,798	0	17,798	6,000	1,000	1,000	1,000	1,000	1,000	0
M-NCPPC	23,798	0	17,798	6,000	1,000	1,000	1,000	1,000	1,000	0
Total	23,798	0	17,798	6,000	1,000	1,000	1,000	1,000	1,000	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 06/13/2016 12:33 PM

Revolving Fund - Current Revenue

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Performance Improvement-Tax System (P329684)	1,277	1,252	25	0	0	0	0	0	0	0
Technology Investment Fund	1,277	1,252	25	0	0	0	0	0	0	0
General Government Work Order Mgmt/Planned Lifecycle Asset Repl. Sys. (P028702)	1,277	1,252	25	0	0	0	0	0	0	0
	920	920	0	0	0	0	0	0	0	0
Development	920	920	0	0	0	0	0	0	0	0
M-NCPPC	920	920	0	0	0	0	0	0	0	0
HOC Opportunity Housing Dev Fund (P767511)	4,500	1,140	3,360	0	0	0	0	0	0	0
HOC MPDU/Property Acq Fund (P768047)	107	107	0	0	0	0	0	0	0	0
Housing	4,607	1,247	3,360	0	0	0	0	0	0	0
Housing Opportunities Commission	4,607	1,247	3,360	0	0	0	0	0	0	0
Total	6,804	3,419	3,385	0	0	0	0	0	0	0

Revolving Fund - G.O. Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
ALARE: MCG (P316222)										
Other General Government	44,532	4,448	16,084	24,000	4,000	4,000	4,000	4,000	4,000	4,000
General Government	44,532	4,448	16,084	24,000	4,000	4,000	4,000	4,000	4,000	4,000
Land Acquisition: MCPS (P546034)	648	648	0	0	0	0	0	0	0	0
Countywide (SC50)	648	648	0	0	0	0	0	0	0	0
Montgomery County Public Schools	648	648	0	0	0	0	0	0	0	0
HOC MPDU/Property Acq Fund (P768047)	12,400	6,277	6,123	0	0	0	0	0	0	0
Housing	12,400	6,277	6,123	0	0	0	0	0	0	0
Housing Opportunities Commission	12,400	6,277	6,123	0	0	0	0	0	0	0
Total	57,580	11,373	22,207	24,000	4,000	4,000	4,000	4,000	4,000	4,000

3-110

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 10/10/2019 12:33 PM

School Facilities Payment

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Bradley Hills ES Addition (P116503)	6	6	0	0	0	0	0	0	0	0
Clarksburg HS Addition (P116505)	3	0	3	0	0	0	0	0	0	0
Arcola ES Addition (P136500)	37	0	37	0	0	0	0	0	0	0
Bethesda-Chevy Chase MS #2 (P136502)	7	0	0	7	7	0	0	0	0	0
North Chevy Chase ES Addition (P136504)	164	164	0	0	0	0	0	0	0	0
Northwest Cluster ES Solution (P136505)	630	630	0	0	0	0	0	0	0	0
North Bethesda MS Addition (P651503)	824	238	31	555	555	0	0	0	0	0
Lucy V. Barnsley ES Addition (P651504)	12	12	0	0	0	0	0	0	0	0
Diamond ES Addition (P651510)	933	322	241	370	370	0	0	0	0	0
Bethesda-Chevy Chase HS Addition (P651513)	647	425	151	71	71	0	0	0	0	0
Ashburton ES Addition (P651514)	197	0	0	197	197	0	0	0	0	0
Northwood Cluster HS Solution (P651517)	98	0	0	98	0	98	0	0	0	0
Gaithersburg ES Addition (P651518)	502	0	0	502	502	0	0	0	0	0
Albert Einstein Cluster HS Solution (P651519)	13	0	0	13	0	13	0	0	0	0
Individual Schools	4,073	1,797	463	1,813	1,702	111	0	0	0	0
Current Revitalizations/Expansions(P926575)	696	517	138	41	41	0	0	0	0	0
Countywide (SC50)	696	517	138	41	41	0	0	0	0	0
Montgomery County Public Schools	4,769	2,314	601	1,854	1,743	111	0	0	0	0
Total	4,769	2,314	601	1,854	1,743	111	0	0	0	0

3-111

Schools Impact Tax

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Harmony Hills ES Addition (P096503)	2,467	2,467	0	0	0	0	0	0	0	0
Jackson Road ES Addition (P096504)	4,309	4,309	0	0	0	0	0	0	0	0
Montgomery Knolls ES Addition (P096505)	650	650	0	0	0	0	0	0	0	0
Rock View ES Addition (P096506)	2,000	2,000	0	0	0	0	0	0	0	0
Whetstone ES Addition (P096508)	2,000	2,000	0	0	0	0	0	0	0	0
Bradley Hills ES Addition (P116503)	3,098	3,098	0	0	0	0	0	0	0	0
Clarksburg HS Addition (P116505)	10,269	6,269	4,000	0	0	0	0	0	0	0
Clarksburg/Damascus MS (New) (P116506)	23,576	12,232	11,344	0	0	0	0	0	0	0
Darnestown ES Addition (P116507)	5,807	5,807	0	0	0	0	0	0	0	0
Georgian Forest ES Addition (P116508)	3,000	3,000	0	0	0	0	0	0	0	0
Viers Mill ES Addition (P116510)	2,000	2,000	0	0	0	0	0	0	0	0
Waters Landing ES Addition (P116511)	5,546	5,546	0	0	0	0	0	0	0	0
Westbrook ES Addition (P116512)	2,000	2,000	0	0	0	0	0	0	0	0
Bethesda-Chevy Chase MS #2 (P136502)	40,620	0	12,821	27,799	22,574	5,225	0	0	0	0
North Chevy Chase ES Addition (P136504)	1,880	1,880	0	0	0	0	0	0	0	0
Northwest Cluster ES Solution (P136505)	562	562	0	0	0	0	0	0	0	0
Rosemary Hills ES Addition (P136506)	1,569	1,569	0	0	0	0	0	0	0	0
Julius West MS Addition (P136507)	7,740	4,664	3,076	0	0	0	0	0	0	0
Wood Acres ES Addition (P136508)	2,637	2,637	0	0	0	0	0	0	0	0
S. Christa McAuliffe ES Addition (P651502)	3,232	0	0	3,232	364	0	2,868	0	0	0
Lucy V. Barnsley ES Addition (P651504)	2,040	0	347	1,693	0	1,693	0	0	0	0
Judith Resnik ES Addition (P651507)	7,787	0	0	7,787	413	0	3,254	4,120	0	0
Diamond ES Addition (P651510)	1,018	0	0	1,018	0	1,018	0	0	0	0
Burtonsville ES Addition (P651511)	6,827	0	0	6,827	489	0	1,773	4,585	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 08/13/2018 14:39 PM

Schools Impact Tax

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Bethesda-Chevy Chase HS Addition (P651513)	2,639	0	0	2,639	0	2,639	0	0	0	0
Clarksburg Cluster ES (Clarksburg Village Site #1) (P116504)	17,768	21,639	0	-3,871	-3,871	0	0	0	0	0
East Silver Spring ES Addition (P086500)	6,105	6,105	0	0	0	0	0	0	0	0
Individual Schools	169,146	90,434	31,588	47,124	19,949	10,575	7,895	8,705	0	0
Rehab/Reno.Of Closed Schools- RROCS (P916587)	13,690	1,328	0	12,362	8,455	3,907	0	0	0	0
Current Revitalizations/Expansions(P926575)	80,970	19,056	0	61,914	3,871	13,604	21,436	23,003	0	0
Countywide (SC50)	94,660	20,384	0	74,276	12,326	17,511	21,436	23,003	0	0
MCPS Funding Reconciliation (P076510)	162,834	72,939	310	89,585	175	8,020	5,613	2,814	35,416	0
Miscellaneous Projects	162,834	72,939	310	89,585	175	8,020	5,613	2,814	35,416	0
Montgomery County Public Schools	426,640	183,757	31,898	210,985	32,450	36,106	34,944	34,522	35,416	0
33 Total	426,640	183,757	31,898	210,985	32,450	36,106	34,944	34,522	35,416	0

Short-Term Financing

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Technology Modernization – MCG (P150701)	58,739	40,681	14,163	3,895	3,895	0	0	0	0	0
Public Safety System Modernization (P340901)	43,298	26,808	8,490	8,000	4,000	2,000	2,000	0	0	0
Temperature Controlled Liquor Warehouse (P850500)	776	0	776	0	0	0	0	0	0	0
County Offices and Other Improvements	102,813	67,489	23,429	11,895	7,895	2,000	2,000	0	0	0
Fuel Management (P361112)	4,471	3,032	1,439	0	0	0	0	0	0	0
Other General Government	4,471	3,032	1,439	0	0	0	0	0	0	0
General Government	107,284	70,521	24,868	11,895	7,895	2,000	2,000	0	0	0
Apparatus Replacement Program (P451504)	43,115	0	18,078	25,037	5,700	5,200	4,200	3,500	3,146	3,291
Fire/Rescue Service	43,115	0	18,078	25,037	5,700	5,200	4,200	3,500	3,146	3,291
Public Safety	43,115	0	18,078	25,037	5,700	5,200	4,200	3,500	3,146	3,291
Ride On Bus Fleet (P500821)	66,763	48,734	8,929	9,100	9,100	0	0	0	0	0
Mass Transit	66,763	48,734	8,929	9,100	9,100	0	0	0	0	0
Transportation	66,763	48,734	8,929	9,100	9,100	0	0	0	0	0
DPL Network and Telephone Infrastructure (P711401)	462	418	44	0	0	0	0	0	0	0
21st Century Library Enhancements Level Of Effort (P711503)	144	6	138	0	0	0	0	0	0	0
Libraries	606	424	182	0	0	0	0	0	0	0
Culture and Recreation	606	424	182	0	0	0	0	0	0	0
Total	217,768	119,679	52,057	46,032	22,695	7,200	6,200	3,500	3,146	3,291

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Print Date: 08/13/2018 12:33 PM

Solid Waste Collection

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Equipment Maintenance and Operations Center (EMOC) (P500933)	421	0	421	0	0	0	0	0	0	0
Mass Transit	421	0	421	0	0	0	0	0	0	0
Transportation	421	0	421	0	0	0	0	0	0	0
Total	421	0	421	0	0	0	0	0	0	0

3-115

Solid Waste Disposal Fund

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Facility Planning: MCG (P508768)	20	20	0	0	0	0	0	0	0	0
County Offices and Other Improvements	20	20	0	0	0	0	0	0	0	0
General Government	20	20	0	0	0	0	0	0	0	0
Equipment Maintenance and Operations Center (EMOC) (P500933)	718	0	718	0	0	0	0	0	0	0
Mass Transit	718	0	718	0	0	0	0	0	0	0
Transportation	718	0	718	0	0	0	0	0	0	0
Total	738	20	718	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

PRINT DATE: 00/10/2010 12:00 PM

State Aid		Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Project											
Economic Development	Wheaton Redevelopment Program (P150401)	850	750	100	0	0	0	0	0	0	0
	Conference Center Garage (P781401)	1,500	44	1,456	0	0	0	0	0	0	0
		2,350	794	1,556	0	0	0	0	0	0	0
		2,350	794	1,556	0	0	0	0	0	0	0
	Pre-Release Center Dietary Facilities Improvements(P420900)	3,503	0	280	3,223	403	2,820	0	0	0	0
General Government	Criminal Justice Complex (P421100)	1,368	0	0	1,368	0	0	684	684	0	0
	Detention Center Reuse (P429755)	853	853	0	0	0	0	0	0	0	0
Correction and Rehabilitation		5,724	853	280	4,591	403	2,820	684	684	0	0
Public Safety		5,724	853	280	4,591	403	2,820	684	684	0	0
3-117	Montrose Parkway East (P500717)	25,000	0	0	0	0	0	0	0	0	25,000
	State Transportation Participation (P500722)	16,463	14,463	0	2,000	2,000	0	0	0	0	0
	Facility Planning-Transportation (P509337)	75	75	0	0	0	0	0	0	0	0
		41,538	14,538	0	2,000	2,000	0	0	0	0	25,000
Roads	Bridge Design (P509132)	1,431	638	793	0	0	0	0	0	0	0
	Bridge Renovation (P509753)	2,298	91	845	1,362	227	227	227	227	227	0
Bridges		3,729	729	1,638	1,362	227	227	227	227	227	0
	MD 355 Crossing (BRAC) (P501209)	4,806	0	0	4,806	0	0	4,806	0	0	0
	Needwood Road Bikepath (P501304)	860	115	0	745	745	0	0	0	0	0
	Sidewalk Program - Minor Projects (P506747)	76	0	76	0	0	0	0	0	0	0
	Bikeway Program - Minor Projects (P507596)	261	250	0	11	11	0	0	0	0	0
	Forest Glen Pedestrian Bridge (P509976)	200	200	0	0	0	0	0	0	0	0
Pedestrian Facilities/Bikeways	MD355-Clarksburg Shared Use Path(P501744)	523	0	0	523	523	0	0	0	0	0
		6,726	565	76	6,085	1,279	0	4,806	0	0	0
	Pedestrian Safety Program (P500333)	100	100	0	0	0	0	0	0	0	0

State Aid

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Traffic Signal System Modernization (P500704)	12,000	9,638	2,362	0	0	0	0	0	0	0
Advanced Transportation Management System (P509399)	10,873	10,873	0	0	0	0	0	0	0	0
Traffic Improvements	22,973	20,511	2,362	0	0	0	0	0	0	0
Rapid Transit System (P501318)	500	357	143	0	0	0	0	0	0	0
Ride On Bus Fleet (P500821)	15,140	5,540	7,200	2,400	400	400	400	400	400	0
Silver Spring Transit Center (P509974)	14,289	10,299	3,990	0	0	0	0	0	0	0
Mass Transit	29,929	16,196	11,333	2,400	400	400	400	400	400	0
Permanent Patching: Residential/Rural Roads (P501106)	992	992	0	0	0	0	0	0	0	0
Highway Maintenance	992	992	0	0	0	0	0	0	0	0
Transportation	105,887	53,631	15,409	11,847	3,906	627	5,433	627	627	25,000
Avery Road Treatment Center (P601502)	3,614	0	0	3,614	1,414	1,200	1,000	0	0	0
Health and Human Services (SC41)	3,614	0	0	3,614	1,414	1,200	1,000	0	0	0
Health and Human Services	3,614	0	0	3,614	1,414	1,200	1,000	0	0	0
Cost Sharing: MCG (P720601)	4,100	3,436	664	0	0	0	0	0	0	0
Plum Gar Neighborhood Recreation Center (P720905)	250	250	0	0	0	0	0	0	0	0
Ken Gar Community Center Renovation (P721401)	100	100	0	0	0	0	0	0	0	0
Recreation	4,450	3,786	664	0	0	0	0	0	0	0
Gaithersburg Library Renovation (P710300)	1,580	1,580	0	0	0	0	0	0	0	0
Silver Spring Library (P710302)	2,468	2,468	0	0	0	0	0	0	0	0
Library Refurbishment Level of Effort (P711502)	1,187	29	1,158	0	0	0	0	0	0	0
Libraries	5,235	4,077	1,158	0	0	0	0	0	0	0
Culture and Recreation	9,685	7,863	1,822	0	0	0	0	0	0	0
Storm Drain General (P500320)	162	162	0	0	0	0	0	0	0	0
Storm Drains	162	162	0	0	0	0	0	0	0	0
SM Facility Major Structural Repair (P800700)	905	399	506	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 06/13/2016 12:35 PM

State Aid

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
SM Retrofit - Government Facilities (P800900)	192	192	0	0	0	0	0	0	0	0
SM Retrofit - Roads (P801300)	15,285	3,185	100	12,000	2,000	2,000	2,000	2,000	2,000	2,000
Misc Stream Valley Improvements (P807359)	9,560	2,799	761	6,000	1,000	1,000	1,000	1,000	1,000	1,000
SM Retrofit: Countywide (P808726)	13,937	38	1,899	12,000	2,000	2,000	2,000	2,000	2,000	2,000
Facility Planning: SM (P809319)	140	140	0	0	0	0	0	0	0	0
Watershed Restoration - Interagency (P809342)	505	505	0	0	0	0	0	0	0	0
Stormwater Management	40,524	7,258	3,266	30,000	5,000	5,000	5,000	5,000	5,000	5,000
Ag Land Pres Easements (P788911)	685	152	213	320	190	130	0	0	0	0
Ag Land Preservation	685	152	213	320	190	130	0	0	0	0
Conservation of Natural Resources	41,371	7,572	3,479	30,320	5,190	5,130	5,000	5,000	5,000	5,000
Woodstock Equestrian Center (P018712)	850	850	0	0	0	0	0	0	0	0
Pollution Prevention and Repairs to Ponds & Lakes (P078701)	50	0	0	50	50	0	0	0	0	0
Woodlawn Barn Visitors Center (P098703)	300	300	0	0	0	0	0	0	0	0
Planned Lifecycle Asset Replacement: Local Parks (P967754)	75	0	0	75	75	0	0	0	0	0
Josiah Henson Historic Park (P871552)	100	0	0	100	100	0	0	0	0	0
Development	1,375	1,150	0	225	225	0	0	0	0	0
M-NCPPC	1,375	1,150	0	225	225	0	0	0	0	0
Montgomery County Airpark (P703909)	3,033	1,880	78	1,075	195	260	90	100	430	0
Miscellaneous Projects (Revenue Authority)	3,033	1,880	78	1,075	195	260	90	100	430	0
Revenue Authority (C14)	3,033	1,880	78	1,075	195	260	90	100	430	0
Redland MS - Improvements (P016519)	3,131	3,131	0	0	0	0	0	0	0	0
Brookhaven ES Addition (P096500)	129	129	0	0	0	0	0	0	0	0
Fairland ES Addition (P096501)	741	741	0	0	0	0	0	0	0	0
Harmony Hills ES Addition (P096503)	475	475	0	0	0	0	0	0	0	0
Jackson Road ES Addition (P096504)	1,254	1,254	0	0	0	0	0	0	0	0

State Aid

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Montgomery Knolls ES Addition (P096505)	1,059	1,059	0	0	0	0	0	0	0	0
Whetstone ES Addition (P096508)	176	176	0	0	0	0	0	0	0	0
Bradley Hills ES Addition (P116503)	4,305	0	4,305	0	0	0	0	0	0	0
Clarksburg/Damascus MS (New) (P116506)	5,386	0	0	5,386	5,386	0	0	0	0	0
Darnestown ES Addition (P116507)	2,434	0	2,434	0	0	0	0	0	0	0
Georgian Forest ES Addition (P116508)	1,197	0	1,197	0	0	0	0	0	0	0
Viers Mill ES Addition (P116510)	336	0	336	0	0	0	0	0	0	0
Westbrook ES Addition (P116512)	2,068	0	2,068	0	0	0	0	0	0	0
Wyngate ES Addition (P116513)	2,838	0	2,838	0	0	0	0	0	0	0
Clarksburg Cluster ES (Clarksburg Village Site #1) (P116504)	8,585	0	0	8,585	8,585	0	0	0	0	0
East Silver Spring ES Addition (P086500)	422	422	0	0	0	0	0	0	0	0
Individual Schools	34,536	7,387	13,178	13,971	13,971	0	0	0	0	0
Roof Replacement: MCPS (P766995)	7,962	6,133	1,447	382	382	0	0	0	0	0
Energy Conservation: MCPS (P796222)	688	688	0	0	0	0	0	0	0	0
HVAC (Mechanical Systems) Replacement: MCPS (P816633)	35,010	20,073	9,522	5,415	5,415	0	0	0	0	0
Planned Life Cycle Asset Repl: MCPS (P896586)	102	0	0	102	102	0	0	0	0	0
School Security Systems (P926557)	4,186	4,186	0	0	0	0	0	0	0	0
Rehab/Reno. Of Closed Schools- RROCS (P916587)	21,315	21,315	0	0	0	0	0	0	0	0
Current Revitalizations/Expansions(P926575)	111,123	59,610	21,255	30,258	30,258	0	0	0	0	0
Countywide (SC50)	180,386	112,005	32,224	36,157	36,157	0	0	0	0	0
State Aid Reconciliation (P896536)	317,329	52,912	5,917	258,500	0	51,700	51,700	51,700	51,700	0
Miscellaneous Projects	317,329	52,912	5,917	258,500	0	51,700	51,700	51,700	51,700	0
Montgomery County Public Schools	532,251	172,304	51,319	308,628	50,128	51,700	51,700	51,700	51,700	0
Blue Plains WWTP: Enhanced Nutrient Removal (P083800)	215,482	163,538	24,360	27,584	14,675	8,725	2,315	1,307	493	69
Sewerage BI-County	215,482	163,538	24,360	27,584	14,675	8,725	2,315	1,307	493	69

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 06/13/2019 12:33 PM

State Aid

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Seneca WWTP Enhanced Nutrient Removal (P073800)	6,220	6,220	0	0	0	0	0	0	0	0
Sewerage Montgomery County	6,220	6,220	0	0	0	0	0	0	0	0
WSSC	221,702	169,758	24,360	27,584	14,675	8,725	2,315	1,307	493	69
Bioscience Education Center (P056603)	41,083	39,474	1,509	100	50	50	0	0	0	0
Rockville Student Services Center (P076604)	36,346	2,859	2,169	31,318	14,384	16,934	0	0	0	0
Takoma Park/Silver Spring Math & Science Center (P076607)	43,964	0	0	43,964	0	750	2,291	6,442	13,750	20,731
Germanatown Student Services Center (P076612)	45,321	0	0	3,000	0	0	0	0	0	42,321
Science West Building Renovation (P076622)	16,461	12,828	3,077	556	500	56	0	0	0	0
Science East Building Renovation (P076623)	13,353	12,146	1,207	0	0	0	0	0	0	0
Germanatown Science & Applied Studies Phase 1-Renov (P136600)	19,660	1,414	2,942	15,304	7,500	7,804	0	0	0	0
Energy Conservation: College (P816611)	51	51	0	0	0	0	0	0	0	0
Roof Replacement: College (P876664)	1,203	1,203	0	0	0	0	0	0	0	0
Higher Education	217,442	69,975	10,904	94,242	22,434	25,594	2,291	6,442	13,750	23,731
Montgomery College	217,442	69,975	10,904	94,242	22,434	25,594	2,291	6,442	13,750	23,731
Total	1,144,434	485,780	109,207	482,126	98,570	96,056	68,513	65,860	72,000	81,127
										67,321

3-121

State Bonds (P&P only)

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Woodstock Equestrian Center (P018712)	250	250	0	0	0	0	0	0	0	0
Warner Circle Special Park (P118703)	1,025	638	387	0	0	0	0	0	0	0
Development	1,275	888	387	0	0	0	0	0	0	0
M-NCPPC	1,275	888	387	0	0	0	0	0	0	0
Total	1,275	888	387	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 08/13/2010 12:33 PM

State ICC Funding (M-NCPPC Only)

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Pollution Prevention and Repairs to Ponds & Lakes (P078701)	1,913	0	1,913	0	0	0	0	0	0	0
Woodlawn Barn Visitors Center (P098703)	2,000	1,500	500	0	0	0	0	0	0	0
Development	3,913	1,500	2,413	0	0	0	0	0	0	0
M-NCPPC	3,913	1,500	2,413	0	0	0	0	0	0	0
Total	3,913	1,500	2,413	0	0	0	0	0	0	0

Stormwater Management Waiver Fees

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Misc Stream Valley Improvements (P807359)	2,171	0	971	1,200	200	200	200	200	200	0
Facility Planning: SM (P809319)	797	797	0	0	0	0	0	0	0	0
Watershed Restoration - Interagency (P809342)	3,226	3,226	0	0	0	0	0	0	0	0
Stormwater Management	6,194	4,023	971	1,200	200	200	200	200	200	0
Conservation of Natural Resources	6,194	4,023	971	1,200	200	200	200	200	200	0
Total	6,194	4,023	971	1,200	200	200	200	200	200	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 08/19/2010 12:33 PM

System Development Charge

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Seneca WWTP Expansion, Part 2 (P083802)	30,484	29,955	507	22	22	0	0	0	0	0
Sewerage Montgomery County	30,484	29,955	507	22	22	0	0	0	0	0
Bi-County Water Tunnel (P934855)	143,155	138,925	4,198	32	32	0	0	0	0	0
Land & Rights-of-Way Acquisition - Bi-County (P983857)	1,263	0	463	800	100	300	0	400	0	0
Water Bi-County	144,418	138,925	4,661	832	132	300	0	400	0	0
Clarksburg Elevated Water Storage Facility (P973819)	5,982	311	276	5,395	1,285	3,522	588	0	0	0
Clarksburg Area Stage 3 Water Main, Part 5 (P163801)	1,624	0	1,425	199	147	52	0	0	0	0
Water Montgomery County	7,606	311	1,701	5,594	1,432	3,574	588	0	0	0
WSSC	182,508	169,191	6,869	6,448	1,586	3,874	588	400	0	0
Total	182,508	169,191	6,869	6,448	1,586	3,874	588	400	0	0

- 125

TEA-21

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Rock Creek Trail Pedestrian Bridge (P048703)	2,368	2,368	0	0	0	0	0	0	0	0
Development	2,368	2,368	0	0	0	0	0	0	0	0
M-NCPPC	2,368	2,368	0	0	0	0	0	0	0	0
Total	2,368	2,368	0	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 08/13/2019 12:33 PM

Transportation Enhancement Program

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Rock Creek Trail Pedestrian Bridge (P048703)	1,589	1,589	0	0	0	0	0	0	0	0
Development	1,589	1,589	0	0	0	0	0	0	0	0
M-NCPPC	1,589	1,589	0	0	0	0	0	0	0	0
Total	1,589	1,589	0	0	0	0	0	0	0	0

3-127

Transportation Improvement Credit

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Montrose Parkway West (P500311)	625	625	0	0	0	0	0	0	0	0
Roads	625	625	0	0	0	0	0	0	0	0
Advanced Transportation Management System (P509399)	500	500	0	0	0	0	0	0	0	0
Traffic Improvements	500	500	0	0	0	0	0	0	0	0
Transportation	1,125	1,125	0	0	0	0	0	0	0	0
Total	1,125	1,125	0	0	0	0	0	0	0	0

Funding Detail by Revenue Source, Department/Agency and Project (\$000s)

Run Date: 06/13/2016 12:35 PM

Urban District - Bethesda

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Streetlight Enhancements-CBD/Town Center (P500512)	435	243	192	0	0	0	0	0	0	0
Traffic Improvements	435	243	192	0	0	0	0	0	0	0
Transportation	435	243	192	0	0	0	0	0	0	0
Total	435	243	192	0	0	0	0	0	0	0

WSSC Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Land & Rights-of-Way Acquisition - Bl-County (S) (P163800)	180	0	20	160	110	10	10	10	10	0
Blue Plains WWTP: Plant Wide Projects (P023805)	286,828	181,887	8,302	68,627	7,790	7,899	10,001	18,005	13,569	11,363
Blue Plains WWTP: Enhanced Nutrient Removal (P083800)	173,373	80,028	33,562	57,743	30,964	23,838	1,586	847	324	184
Septage Discharge Facility Planning & Implement. (P103802)	14,478	919	751	12,808	2,455	3,728	3,779	2,135	711	0
Blue Plains: Pipelines and Appurtenances (P113804)	168,977	67,219	13,205	73,644	16,575	12,850	9,489	9,489	11,759	14,909
Trunk Sewer Reconstruction Program (P113805)	790,060	201,575	105,357	483,128	145,521	134,664	67,950	63,807	47,236	23,950
Blue Plains WWTP: Liquid Train PT 2 (P954811)	339,392	242,872	9,186	78,694	11,415	15,390	18,385	14,447	8,735	10,322
Blue Plains WWTP: Biosolids Mgmt PT2 (P954812)	422,300	375,523	17,104	28,617	3,790	3,348	5,730	4,907	8,152	2,680
Piscataway WWTP Bio-Energy Project (P063808)	72,120	791	499	70,830	2,127	6,626	23,967	27,720	10,390	0
Sewerage Bl-County	2,267,708	1,150,924	187,986	874,251	220,747	208,353	140,897	141,377	100,886	54,647
Seneca WWTP Enhanced Nutrient Removal (P073800)	7,755	7,613	120	22	22	0	0	0	0	0
Sewerage Montgomery County	7,755	7,613	120	22	22	0	0	0	0	0
Patuxent WFP Phase II Expansion (P033807)	84,838	10,978	16,466	37,394	17,778	14,744	4,872	0	0	0
Potomac WFP Submerged Channel Intake (P033812)	80,537	3,938	315	76,284	1,050	3,098	24,360	24,308	20,055	3,413
Patuxent Raw Water Pipeline (P063804)	32,436	12,264	42	20,130	5,610	8,910	5,610	0	0	0
Rocky Gorge Pump Station Upgrade (P063805)	19,582	4,455	3,782	11,345	7,564	3,781	0	0	0	0
Duckett and Brighton Dam Upgrades (P073802)	29,692	11,926	4,606	13,160	8,773	4,387	0	0	0	0
Potomac WFP Outdoor Substation No. 2 Replacement (P113802)	15,562	1,599	4,654	8,309	6,982	2,327	0	0	0	0
Large Diameter Water Pipe Rehabilitation Program (P113803)	417,169	79,941	28,927	308,401	48,092	51,443	52,751	51,865	51,865	52,385
Potomac WFP Main Zone Pipeline (P133800)	35,009	397	402	34,210	353	605	20,052	13,200	0	0
Bl-County Water Tunnel (P934855)	700	700	0	0	0	0	0	0	0	0
Land & Rights-of-Way Acquisition - Bl-County (P983857)	857	0	234	623	325	250	20	18	10	0
Potomac WFP Corrosion Mitigation (P143802)	15,508	1,235	12,034	2,239	2,239	0	0	0	0	0
Potomac WFP Pre-Filter Chlorination & Air Scour Improvements (P143803)	11,200	1,070	901	9,229	2,564	6,152	513	0	0	0
Potomac WFP Consent Decree Program (P173801)	27,250	0	0	27,250	2,700	5,650	6,300	6,300	6,300	0

WSSC Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Water Bl-County	750,340	128,403	72,363	549,574	104,030	101,347	114,478	95,691	78,230	55,798
Olney Standpipe Replacement (P063801)	9,284	1,334	532	7,418	3,560	3,560	298	0	0	0
Shady Grove Standpipe Replacement (P093801)	9,064	1,368	744	6,952	3,626	3,326	0	0	0	0
Brink Zone Reliability Improvements (P143800)	6,874	295	529	6,050	1,438	4,140	472	0	0	0
Water Montgomery County	25,222	2,997	1,805	20,420	8,624	11,026	770	0	0	0
WSSC	3,051,025	1,289,837	262,274	1,444,267	333,423	320,726	256,145	237,068	179,116	117,789
Total	3,051,025	1,289,837	262,274	1,444,267	333,423	320,726	256,145	237,068	179,116	117,789

Water Quality Protection Bonds

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Storm Drain General (P500320)	5,124	0	0	5,124	854	854	854	854	854	854
Outfall Repairs (P509948)	2,772	0	0	2,772	462	462	462	462	462	462
Storm Drain Culvert Replacement (P501470)	7,200	0	0	7,200	1,200	1,200	1,200	1,200	1,200	1,200
Storm Drains	15,096	0	0	15,096	2,516	2,516	2,516	2,516	2,516	2,516
SM Facility Major Structural Repair (P800700)	27,786	3,706	3,876	20,204	3,123	3,404	2,169	3,585	4,852	3,071
SM Retrofit - Government Facilities (P800900)	23,524	8,643	2,203	12,678	3,452	2,314	2,239	1,718	1,524	1,431
SM Retrofit - Roads (P801300)	117,559	7,627	5,089	104,843	7,426	9,182	23,038	24,115	21,838	19,244
SM Retrofit - Schools (P801301)	15,674	972	1,449	13,253	2,486	1,948	2,505	2,287	2,141	1,886
Misc Stream Valley Improvements (P807359)	58,528	1,336	3,119	54,073	7,680	9,752	11,371	12,516	7,348	5,406
SM Retrofit: Countywide (P808726)	105,015	7,112	15,467	82,436	16,595	17,225	17,425	16,000	7,654	7,537
Watershed Restoration - Interagency (P809342)	12,489	489	50	11,950	1,599	5,081	60	728	2,674	1,808
Wheaton Regional Dam Flooding Mitigation (P801710)	3,050	0	0	3,050	950	200	850	1,050	0	0
Stormwater Management	363,625	29,885	31,253	302,487	43,311	49,106	59,657	61,999	48,031	40,383
Conservation of Natural Resources	378,721	29,885	31,253	317,583	45,827	51,622	62,173	64,515	50,547	42,899
Total	378,721	29,885	31,253	317,583	45,827	51,622	62,173	64,515	50,547	42,899

3
1
1
3
2

Water Quality Protection Charge

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Environmental Compliance: MCG (P500918)	130	0	130	0	0	0	0	0	0	0
County Offices and Other Improvements	130	0	130	0	0	0	0	0	0	0
General Government	130	0	130	0	0	0	0	0	0	0
Storm Drain General (P500320)	1,600	1,388	212	0	0	0	0	0	0	0
Facility Planning: Storm Drains (P508180)	2,740	674	326	1,740	290	290	290	290	290	290
Outfall Repairs (P509948)	852	0	852	0	0	0	0	0	0	0
Storm Drain Culvert Replacement (P501470)	4,000	809	3,191	0	0	0	0	0	0	0
Storm Drains	9,192	2,871	4,581	1,740	290	290	290	290	290	290
SM Facility Major Structural Repair (P800700)	8,488	3,000	3,982	1,506	1,506	0	0	0	0	0
SM Retrofit - Government Facilities (P800900)	1,182	1,182	0	0	0	0	0	0	0	0
SM Retrofit Countywide (P808726)	7,626	0	4,282	3,344	3,344	0	0	0	0	0
Facility Planning: SM (P809319)	11,753	4,541	541	6,671	2,126	1,323	997	773	799	653
Watershed Restoration - Interagency (P809342)	30	30	0	0	0	0	0	0	0	0
Stormwater Management	29,079	8,753	8,805	11,521	6,976	1,323	997	773	799	653
Conservation of Natural Resources	38,271	11,624	13,386	13,261	7,266	1,613	1,287	1,063	1,089	943
Total	38,401	11,624	13,516	13,261	7,266	1,613	1,287	1,063	1,089	943

White Flint - Special Tax District

Project	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
White Flint Redevelopment Program (P151200)	6,003	1,365	1,063	3,575	975	760	460	460	460	0
Economic Development	6,003	1,365	1,063	3,575	975	760	460	460	460	0
General Government	6,003	1,365	1,063	3,575	975	760	460	460	460	0
White Flint District West: Transportation (P501116)	71,095	3,610	525	7,308	0	0	0	2,200	2,608	59,652
White Flint District East: Transportation (P501204)	29,690	715	662	15,294	600	500	1,812	12,382	0	13,019
White Flint West Workaround (P501506)	62,689	111	2,796	59,782	6,894	16,929	23,411	12,548	0	0
Roads	163,474	4,436	3,983	82,384	7,494	17,429	25,223	27,130	2,608	72,671
Transportation	163,474	4,436	3,983	82,384	7,494	17,429	25,223	27,130	2,608	72,671
Total	169,477	5,801	5,046	85,959	8,469	18,189	25,683	27,590	3,088	72,671

Resolution No:	<u>18-497</u>
Introduced:	<u>May 26, 2016</u>
Adopted:	<u>May 26, 2016</u>

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

By: County Council

SUBJECT: Approval of the FY 2017-2022 Capital Improvements Program, and Approval of and Appropriation for the FY 2017 Capital Budget of the Montgomery County Government

Background

1. Section 302 of the County Charter requires the County Executive to send to the County Council by January 15 in each even-numbered calendar year a 6-year Capital Improvements Program (CIP), which the Executive did on January 15, 2016 for the 6-year period FY 2017-2022. Section 302 requires the affirmative vote of at least 5 Councilmembers to approve or modify the Executive's Recommended CIP. After the Council approves a CIP, Section 302 permits the Council to amend it at any time with the affirmative vote of at least 6 Councilmembers.
2. Section 303 of the Charter requires the Executive to send to the Council by January 15 in each year a recommended Capital Budget, which the Executive did on January 15, 2016 for FY 2017.
3. As required by Section 304 of the Charter, the Council held public hearings on the Capital Budget for FY 2017 and on the Recommended CIP for FY 2017-2022 on February 10 and 11, 2016.

Action

The County Council for Montgomery County, Maryland approves the following resolution:

1. For FY 2017, the Council approves the Capital Budget for the Montgomery County Government and appropriates the amounts by project, which are shown in part I.
2. The Council reappropriates the appropriations made in prior years for all capital projects:
 - a) except as specifically reflected elsewhere in this resolution;
 - b) in the amounts and for the purposes specified in the Approved CIP for FY 2017-2022; and
 - c) to the extent that those appropriations are not expended or encumbered.

3. The County appropriation for Acquisition: Non-Local Parks and Legacy Open Space includes (\$000):

998798	Acquisition Non-Local Parks-County Current Revenue-General	135
018710	Legacy Open Space-County Current Revenue-General	250
018710	Legacy Open Space-County G.O. Bonds	2,500
(\$100,000 of G.O. Bonds appropriation is for Personnel Costs)		

The County will contribute the following amounts for non-local park projects (\$000):

County G.O. Bonds	11,974
County Current Revenue-General	2,748

4. The Council approves the projects in the Executive's Recommended FY 2017 Capital Budget and CIP for Fiscal Years 2017-2022, with the exceptions which are attached in part II. These projects are approved as modified.
5. The Council approves the close out of the projects in part III.
6. The Council approves the partial close out of the projects in part IV.
7. For FY 2017, when the County Government decides that it will apply for a grant or respond to a granting agency on how it would spend a formula-awarded grant, the Chief Administrative Officer or his designee must notify the Council Administrator in writing of the name and purpose of the grant, the amount being requested or the formula-driven award amount, the name of the agency the application is directed to, the term of the grant, and the name of the department or departments that seek to receive the grant award. This requirement applies when any of the following conditions are met:
- the application is for a new grant of more than \$200,000 or formula-driven award of more than \$200,000 for a new program; or,
 - the grant or award would require the appropriation of new tax-supported funds in the current or any future fiscal year; or,
 - the grant application or proposal to spend formula-driven funds will create a new position in County Government.
- Upon request, the Chief Administrative Officer or his designee must send a copy of the grant application or description of the proposed use of a formula-driven award to the Council Administrator within 3 working days after submitting it to the funding agency.
8. In FY 2017 this resolution appropriates \$14.635 million to the Affordable Housing Acquisition and Preservation project (P760100). In addition, the Council appropriates any loan repayments associated with the Affordable Housing Acquisition and Preservation project that are received in FY2016 to this CIP project to be used for affordable housing. The Council also approves amending the FY 2017 expenditure and funding schedule to reflect additional loan repayments.

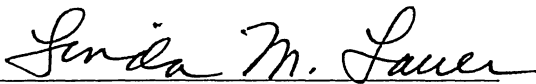
9. If a sign recognizing the contribution of any Federal, State, or local government or agency is displayed at any project for which funds are appropriated in this resolution, as a condition of spending those funds each sign must also expressly recognize the contribution of the County and the County's taxpayers.
10. As authorized by County Code Section 27-62A(f), the Office of Management and Budget need not analyze the feasibility of providing child care facilities in the following capital projects:

Indoor Air Quality Improvement -- Brookeville Buildings D&E
MCPS Bus Depot and Maintenance Relocation
Poolesville Depot Improvements
Seven Locks Signal Shop Building C
Damascus Depot Improvements
Criminal Justice Complex
Emergency Operations Center Relocation
Montgomery Village Fire Station
Shady Grove Fire Station

11. As authorized by County Code Section 25B-7(e), the Office of Management and Budget need not analyze the feasibility of including a significant amount of affordable housing in the following capital projects

Indoor Air Quality Improvement -- Brookeville Buildings D&E
MCPS Bus Depot and Maintenance Relocation
Poolesville Depot Improvements
Seven Locks Signal Shop Building C
Damascus Depot Improvements
Criminal Justice Complex
Emergency Operations Center Relocation

This is a correct copy of Council action.



Linda M. Lauer, Clerk of the Council

PART I: FY 17 CAPITAL BUDGET FOR MONTGOMERY COUNTY GOVERNMENT

The appropriations for FY 17 in this Part are made to implement the projects in the Capital Improvements Program for FY 17- FY 22.

Project Name(Project Number)	FY 17 Appropriation	Cumulative Appropriation	Total Appropriation
Council Office Building Renovations (P010100)	4,275,000	35,916,000	40,191,000
Public Safety System Modernization (P340901)	1,180,000	106,633,000	107,813,000
MCPS Bus Depot and Maintenance Relocation (P360903)	6,175,000	27,150,000	33,325,000
Energy Systems Modernization (P361302)	10,300,000	40,600,000	50,900,000
Facilities Site Selection: MCG (P500152)	25,000	369,000	394,000
Environmental Compliance: MCG (P500918)	1,397,000	10,645,000	12,042,000
Energy Conservation: MCG (P507834)	150,000	663,000	813,000
Roof Replacement: MCG (P508331)	2,240,000	10,354,000	12,594,000
Asbestos Abatement: MCG (P508728)	100,000	274,000	374,000
Facility Planning: MCG (P508768)	360,000	8,975,000	9,335,000
HVAC/Elec Replacement: MCG (P508941)	1,135,000	3,746,000	4,881,000
Planned Lifecycle Asset Replacement: MCG (P509514)	1,500,000	3,915,000	5,415,000
Resurfacing Parking Lots: MCG (P509914)	650,000	7,555,000	8,205,000
Elevator Modernization (P509923)	1,000,000	11,654,000	12,654,000
Life Safety Systems: MCG (P509970)	625,000	6,688,000	7,313,000
Building Envelope Repair (P361501)	1,000,000	2,165,000	3,165,000
Rockville Core (P361702)	1,107,000	0	1,107,000
Integrated Justice Information System (P340200)	100,000	15,723,000	15,823,000
Fibernet (P509651)	3,693,000	53,765,000	57,458,000
ultraMontgomery (P341700)	1,124,000	0	1,124,000
Wheaton Redevelopment Program (P150401)	8,866,000	140,043,000	148,909,000
White Flint Redevelopment Program (P151200)	160,000	3,243,000	3,403,000
Universities at Shady Grove Expansion (P151201)	5,000,000	15,000,000	20,000,000
White Oak Science Gateway Redevelopment Project (P361701)	360,000	0	360,000

PART I: FY 17 CAPITAL BUDGET FOR MONTGOMERY COUNTY GOVERNMENT

The appropriations for FY 17 in this Part are made to implement the projects in the Capital Improvements Program for FY 17- FY 22.

Project Name(Project Number)	FY 17 Appropriation	Cumulative Appropriation	Total Appropriation
Fire Stations: Life Safety Systems (P450302)	335,000	3,008,000	3,343,000
Kensington (Aspen Hill) FS 25 Addition (P450903)	14,159,000	1,957,000	16,116,000
Resurfacing: Fire Stations (P458429)	300,000	829,000	1,129,000
Roof Replacement: Fire Stations (P458629)	352,000	1,569,000	1,921,000
HVAC/Elec Replacement: Fire Stns (P458756)	1,150,000	4,277,000	5,427,000
Apparatus Replacement Program (P451504)	9,421,000	23,822,000	33,243,000
Pre-Release Center Dietary Facilities Improvements(P420900)	327,000	1,033,000	1,360,000
DOCR Staff Training Center (P421101)	-16,000	60,000	44,000
Highway Noise Abatement (P500338)	25,000	2,886,000	2,911,000
Montrose Parkway East (P500717)	799,000	20,819,000	21,618,000
State Transportation Participation (P500722)	400,000	80,957,000	81,357,000
Snouffer School Road (P501109)	3,164,000	20,546,000	23,710,000
Seminary Road Intersection Improvement (P501307)	961,000	466,000	1,427,000
East Gude Drive Roadway Improvements (P501309)	1,031,000	0	1,031,000
Clarksburg Transportation Connections (P501315)	2,000,000	2,600,000	4,600,000
Public Facilities Roads (P507310)	100,000	2,536,000	2,636,000
Subdivision Roads Participation (P508000)	874,000	8,581,000	9,455,000
Facility Planning-Transportation (P509337)	1,720,000	47,359,000	49,079,000
Maryland/Dawson Extended (P501405)	2,260,000	500,000	2,760,000
Bridge Preservation Program (P500313)	1,028,000	7,751,000	8,779,000
Gold Mine Road Bridge M-0096 (P501302)	866,000	4,433,000	5,299,000
Elmhirst Parkway Bridge (Bridge No. M-0353) (P501420)	229,000	2,022,000	2,251,000
Bridge Design (P509132)	1,226,000	15,097,000	16,323,000
Bridge Renovation (P509753)	2,000,000	6,625,000	8,625,000

PART I: FY 17 CAPITAL BUDGET FOR MONTGOMERY COUNTY GOVERNMENT

The appropriations for FY 17 in this Part are made to implement the projects in the Capital Improvements Program for FY 17- FY 22.

Project Name(Project Number)	FY 17 Appropriation	Cumulative Appropriation	Total Appropriation
Lyttonsville Place Bridge(P501421)	-100,000	500,000	400,000
Bethesda Bikeway and Pedestrian Facilities (P500119)	297,000	3,520,000	3,817,000
Metropolitan Branch Trail (P501110)	509,000	5,515,000	6,024,000
Frederick Road Bike Path (P501118)	4,975,000	2,218,000	7,193,000
Needwood Road Bikepath (P501304)	2,126,000	3,639,000	5,765,000
Sidewalk Program - Minor Projects (P506747)	2,414,000	6,802,000	9,216,000
Bikeway Program - Minor Projects (P507596)	530,000	1,886,000	2,416,000
ADA Compliance: Transportation (P509325)	1,525,000	3,762,000	5,287,000
Capital Crescent Trail (P501316)	8,023,000	6,054,000	14,077,000
Transportation Improvements For Schools (P509036)	209,000	680,000	889,000
Bicycle-Pedestrian Priority Area Improvements (P501532)	2,000,000	1,375,000	3,375,000
Life Sciences Center Loop Trail (P501742)	400,000	0	400,000
MD355-Clarksburg Shared Use Path(P501744)	737,000	0	737,000
Pedestrian Safety Program (P500333)	1,646,000	12,890,000	14,536,000
Streetlight Enhancements-CBD/Town Center (P500512)	250,000	2,930,000	3,180,000
Traffic Signal System Modernization (P500704)	2,329,000	35,306,000	37,635,000
White Flint Traffic Analysis and Mitigation (P501202)	181,000	1,363,000	1,544,000
Intersection and Spot Improvements (P507017)	1,732,000	3,692,000	5,424,000
Streetlighting (P507055)	955,000	2,293,000	3,248,000
Traffic Signals (P507154)	4,835,000	11,773,000	16,608,000
Guardrail Projects (P508113)	315,000	663,000	978,000
Advanced Transportation Management System (P509399)	2,008,000	51,201,000	53,209,000
Neighborhood Traffic Calming (P509523)	310,000	771,000	1,081,000
Parking Lot Districts Service Facility (P501551)	612,000	3,585,000	4,197,000

PART I: FY 17 CAPITAL BUDGET FOR MONTGOMERY COUNTY GOVERNMENT

The appropriations for FY 17 in this Part are made to implement the projects in the Capital Improvements
Program for FY 17- FY 22.

Project Name(Project Number)	FY 17 Appropriation	Cumulative Appropriation	Total Appropriation
Facility Planning Parking: Wheaton PLD (P501312)	45,000	180,000	225,000
Facility Planning Parking: Bethesda PLD (P501313)	90,000	360,000	450,000
Facility Planning Parking: Silver Spring PLD (P501314)	90,000	360,000	450,000
Pkg Sil Spg Fac Renovations (P508250)	2,610,000	7,693,000	10,303,000
Pkg Beth Fac Renovations (P508255)	2,625,000	2,322,000	4,947,000
Pkg Wheaton Fac Renovations (P509709)	112,000	339,000	451,000
Rapid Transit System (P501318)	4,250,000	3,125,000	7,375,000
Transit Park and Ride Lot Renovations (P500534)	843,000	1,687,000	2,530,000
Ride On Bus Fleet (P500821)	18,115,000	124,560,000	142,675,000
Bethesda Metro Station South Entrance (P500929)	4,737,000	16,100,000	20,837,000
Bus Stop Improvements (P507658)	511,000	1,792,000	2,303,000
Purple Line (P501603)	3,596,000	1,030,000	4,626,000
Resurfacing: Residential/Rural Roads (P500511)	3,900,000	94,664,000	98,564,000
Street Tree Preservation (P500700)	3,000,000	18,900,000	21,900,000
Resurfacing Park Roads and Bridge Improvements (P500720)	600,000	5,760,000	6,360,000
Residential and Rural Road Rehabilitation (P500914)	2,285,000	46,212,000	48,497,000
Permanent Patching: Residential/Rural Roads (P501106)	2,400,000	27,292,000	29,692,000
Sidewalk & Curb Replacement (P508182)	4,191,000	15,660,000	19,851,000
Resurfacing: Primary/Arterial (P508527)	2,600,000	24,140,000	26,740,000
School Based Health & Linkages to Learning Centers (P640400)	607,000	10,763,000	11,370,000
Avery Road Treatment Center (P601502)	1,592,000	6,424,000	8,016,000
Cost Sharing: MCG (P720601)	3,135,000	22,712,000	25,847,000
Recreation Facility Modernization (P720917)	-100,000	200,000	100,000

PART I: FY 17 CAPITAL BUDGET FOR MONTGOMERY COUNTY GOVERNMENT

The appropriations for FY 17 in this Part are made to implement the projects in the Capital Improvements
Program for FY 17- FY 22.

Project Name(Project Number)	FY 17 Appropriation	Cumulative Appropriation	Total Appropriation
Good Hope Neighborhood Recreation Center (P720918)	1,418,000	9,327,000	10,745,000
Public Arts Trust (P729658)	190,000	331,000	521,000
Ken Gar Community Center Renovation (P721401)	-37,000	200,000	163,000
Western County Outdoor Pool Renovation and Modernization (P721501)	14,000	3,836,000	3,850,000
Wheaton Library and Community Recreation Center (P361202)	772,000	75,782,000	76,554,000
Library Refurbishment Level of Effort (P711502)	2,170,000	4,057,000	6,227,000
21st Century Library Enhancements Level Of Effort (P711503)	1,000,000	1,000,000	2,000,000
Noyes Library for Young Children Rehabilitation and Renovation (P711704)	3,050,000	0	3,050,000
Storm Drain General (P500320)	1,708,000	11,159,000	12,867,000
Facility Planning: Storm Drains (P508180)	290,000	5,204,000	5,494,000
Outfall Repairs (P509948)	462,000	6,209,000	6,671,000
Storm Drain Culvert Replacement (P501470)	1,200,000	5,500,000	6,700,000
SM Retrofit - Roads (P801300)	-9,876,000	53,830,000	43,954,000
SM Retrofit - Schools (P801301)	-5,104,000	13,390,000	8,286,000
Misc Stream Valley Improvements (P807359)	13,951,000	15,376,000	29,327,000
SM Retrofit: Countywide (P808726)	8,918,000	65,197,000	74,115,000
Facility Planning: SM (P809319)	4,000	13,141,000	13,145,000
Watershed Restoration - Interagency (P809342)	36,000	6,391,000	6,427,000
Wheaton Regional Dam Flooding Mitigation (P801710)	2,950,000	0	2,950,000
Ag Land Pres Easements (P788911)	611,000	6,314,000	6,925,000
Facility Planning: HCD (P769375)	125,000	3,670,000	3,795,000
Colesville/New Hampshire Avenue Community Revitalization (P761501)	550,000	700,000	1,250,000

PART I: FY 17 CAPITAL BUDGET FOR MONTGOMERY COUNTY GOVERNMENT

The appropriations for FY 17 in this Part are made to implement the projects in the Capital Improvements Program for FY 17- FY 22.

Project Name(Project Number)	FY 17 Appropriation	Cumulative Appropriation	Total Appropriation
Affordable Housing Acquisition and Preservation (P760100)	14,635,000	145,151,000	159,786,000
Total -- Montgomery County Government	236,922,000	1,805,267,000	2,042,189,000

*In addition to the appropriation shown for this project, any actual revolving loan repayments received from the prior year are appropriated.

PART II: REVISED PROJECTS

The projects described in this section were revised from, or were not included among, the projects as recommended by the County Executive in the County Executive's Recommended FY 2017 Capital Budget and Capital Improvements Program FY 2017 - 2022 of January 15, 2016. These projects are approved.

PART III: CAPITAL IMPROVEMENTS PROJECTS TO BE CLOSED OUT

The following capital projects are closed out effective June 30, 2016, and the appropriation for each project is decreased by the amount of the project's unencumbered balance.

Project Title (Project #)

401 Hungerford Drive Garage (P500705)
Temperature Controlled Liquor Warehouse (P850500)
5th District Police Station (P470900)
Travilah Road (P500101)
Clarksburg Town Center Development District: Roads (P500423)
Norbeck Road Extended (P509321)
Shady Grove Access Bike Path (P500600)
Dale Drive Sidewalk (P500904)
Silver Spring Traffic Improvements (P508716)
Takoma/Langley Park Transit Center (P500715)
Children's Resource Center (P641300)
White Oak Community Recreation Center (P720101)
Plum Gar Neighborhood Recreation Center (P720905)
Scotland Neighborhood Recreation Center (P720916)
Gaithersburg Middle School Pool (P721402)
DPL Network and Telephone Infrastructure (P711401)
Sonoma / Ayrilawn Storm Drain Improvements (P500509)
Town of Chevy Chase Storm Drain Improvements (P500808)
Maple Avenue Storm Drain & Roadway Improvements (P501100)
Henderson Avenue Storm Drain & Roadway Improvement (P501108)
Fenton Street Village Pedestrian Linkages (P760500)
Glenmont Metro Parking Expansion (P500552)

PART IV: TEN PERCENT TRANSFERABILITY BASIS FOR LEVEL OF EFFORT PROJECTS

Up to 10% of the Cumulative Appropriation (A) less Prior Year Thru actual expenditures (B) for the on-going projects displayed below is eligible for transfer into other projects within the same category effective as of July 1st, 2016.

Project Title (Project #)	Cumulative Appropriation as of July 1. (in \$000)	Prior Year Thru Expenditure (In \$000s)	Cumulative Appropriation Basis for Transferability Purposes (In \$000)
Energy Conservation: MCG (P507834)	813	23	790
Roof Replacement: MCG (P508331)	12,594	612	11,982
Asbestos Abatement: MCG (P508728)	374	106	268
HVAC/Elec Replacement: MCG (P508941)	4,881	1,481	3,400
Planned Lifecycle Asset Replacement: MCG (P509514)	5,415	1,351	4,064
Resurfacing: Fire Stations (P458429)	1,129	62	1,067
Roof Replacement: Fire Stations (P458629)	1,921	521	1,400
HVAC/Elec Replacement: Fire Stns (P458756)	5,427	1,216	4,211
Public Facilities Roads (P507310)	2,636	217	2,419
Subdivision Roads Participation (P508000)	9,455	356	9,099
Bridge Renovation (P509753)	8,625	1,846	6,779
Sidewalk Program - Minor Projects (P506747)	9,216	1,936	7,280
Bikeway Program - Minor Projects (P507596)	2,416	458	1,958
ADA Compliance: Transportation (P509325)	5,287	1,084	4,203
Transportation Improvements For Schools (P509036)	889	100	789
Intersection and Spot Improvements (P507017)	5,424	1,186	4,238
Streetlighting (P507055)	3,248	969	2,279
Traffic Signals (P507154)	16,608	4,877	11,731
Guardrail Projects (P508113)	978	358	620
Silver Spring Traffic Improvements (P508716)	362	15	347
Neighborhood Traffic Calming (P509523)	1,081	200	881
Pkg Sil Spg Fac Renovations (P508250)	10,303	1,196	9,107
Pkg Beth Fac Renovations (P508255)	4,947	503	4,444
Pkg Wheaton Fac Renovations (P509709)	451	1	450
Bus Stop Improvements (P507658)	2,303	1,228	1,075

PART IV: TEN PERCENT TRANSFERABILITY BASIS FOR LEVEL OF EFFORT PROJECTS

Up to 10% of the Cumulative Appropriation (A) less Prior Year Thru actual expenditures (B) for the on-going projects displayed below is eligible for transfer into other projects within the same category effective as of July 1st, 2016.

Project Title (Project #)	Cumulative Appropriation as of July 1. (in \$000)	Prior Year Thru Expenditure (In \$000s)	Cumulative Appropriation Basis for Transferability Purposes (In \$000)
Sidewalk & Curb Replacement (P508182)	19,851	6,744	13,107
Resurfacing: Primary/Arterial (P508527)	26,740	10,497	16,243
Public Arts Trust (P729658)	521	165	356
Misc Stream Valley Improvements (P807359)	29,327	4,135	25,192
SM Retrofit: Countywide (P808726)	74,115	7,150	66,965
Ag Land Pres Easements (P788911)	6,925	4,552	2,373

Note:

These projects were previously partially closed out (FY16 was last year of partial capitalization).

Resolution No:	<u>18-498</u>
Introduced:	<u>May 26, 2016</u>
Adopted:	<u>May 26, 2016</u>

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

By: County Council

SUBJECT: Approval of the FY 2017-2022 Capital Improvements Program and Approval of and Appropriation for the FY 2017 Capital Budget of the Montgomery County Public School System

Background


1. As required by the Education Article, Sections 5-101 and 5-102 of the Maryland Code, the Board of Education sent to the County Executive and County Council an FY 2017 Capital Budget for the Montgomery County Public School System. As required by Section 5-306, the Board of Education sent to the Executive a 6-year Capital Improvements Program (CIP).
2. Section 302 of the County Charter requires the Executive to send to the Council by January 15 in each even-numbered calendar year a 6-year CIP, which the Executive did on January 15, 2016 for the 6-year period FY 2017-2022. Section 302 requires the affirmative vote of at least 5 Councilmembers to approve or modify the Executive's Recommended CIP. After the Council approves a CIP, Section 302 permits the Council to amend it at any time with the affirmative vote of at least 6 Councilmembers.
3. Section 303 of the Charter requires the Executive to send to the Council by January 15 in each year a Recommended Capital Budget, which the Executive did on January 15, 2016 for FY 2017.
4. As required by Section 304 of the Charter, the Council held public hearings on the Capital Budget for FY 2017 and on the Recommended CIP for FY 2017-2022 on February 10 and 11, 2016.

Action

The County Council for Montgomery County, Maryland approves the following resolution:

1. For FY 2017, the Council approves the Capital Budget for the Montgomery County Public School System and appropriates the amounts by project which are shown in Part I.
2. The Council reappropriates the appropriations for prior years for all capital projects:
 - a) except as specifically reflected elsewhere in this resolution;
 - b) in the amounts and for the purposes specified in the Approved CIP for FY 2017-2022; and
 - c) to the extent that those appropriations are not expended or encumbered.
3. The Council approves the projects for the Board of Education's FY 2017 Capital Budget and FY 2017-2022 Capital Improvements Program as attached in Part II.
4. The Council approves the close out of the projects in Part III.
5. The Council approves the partial close out of the projects in Part IV.
6. If a sign recognizing the contribution of any Federal, State, or local government or agency is displayed at any project for which funds are appropriated in this resolution, as a condition of spending those funds each sign must also expressly recognize the contribution of the County and the County's taxpayers.

This is a correct copy of Council action.


Linda M. Lauer, Clerk of the Council

PART I: FY 17 CAPITAL BUDGET FOR Montgomery County Public Schools

The appropriations for FY 17 in this Part are made to implement the projects in the Capital Improvements Program for FY 17 - FY 22. When the total appropriation for a project includes State funds, the total appropriation for the project is contingent on the availability of funds from the State.

Project Title (Project #)	FY 17 Appropriation	Cumulative Appropriation	Total Appropriation
Bethesda-Chevy Chase MS #2 (P136502)	1,700,000	52,414,000	54,114,000
S. Christa McAuliffe ES Addition (P651502)	1,024,000	0	1,024,000
North Bethesda MS Addition (P651503)	18,931,000	1,691,000	20,622,000
Lucy V. Barnsley ES Addition (P651504)	11,495,000	1,156,000	12,651,000
Kensington-Parkwood ES Addition (P651505)	11,205,000	998,000	12,203,000
Judith Resnik ES Addition (P651507)	871,000	0	871,000
Diamond ES Addition (P651510)	7,807,000	804,000	8,611,000
Burtonsville ES Addition (P651511)	1,172,000	0	1,172,000
Bethesda-Chevy Chase HS Addition (P651513)	35,245,000	2,808,000	38,053,000
Ashburton ES Addition (P651514)	1,205,000	0	1,205,000
Gaithersburg ES Addition (P651518)	4,097,000	0	4,097,000
Thomas W. Pyle MS Addition (P651705)	1,426,000	0	1,426,000
Montgomery Knolls ES Addition (P651709)	546,000	0	546,000
Clarksburg Cluster ES (Clarksburg Village Site #2) (P651713)	2,476,000	0	2,476,000
Takoma Park MS Addition (P651706)	1,954,000	0	1,954,000
Pine Crest ES Addition (P651708)	703,000	0	703,000
Indoor Air Quality Improvements: MCPS (P006503)	1,497,000	22,073,000	23,570,000
Fire Safety Code Upgrades (P016532)	5,000,000	12,215,000	17,215,000
Technology Modernization (P036510)	27,399,000	216,649,000	244,048,000
Restroom Renovations (P056501)	2,290,000	11,735,000	14,025,000
Building Modifications and Program Improvements (P076506)	3,200,000	29,539,000	32,739,000
Design and Construction Management (P746032)	4,900,000	46,175,000	51,075,000
Roof Replacement: MCPS (P766995)	12,000,000	33,151,000	45,151,000
Energy Conservation: MCPS (P796222)	2,057,000	21,522,000	23,579,000
ADA Compliance: MCPS (P796235)	2,100,000	19,593,000	21,693,000
HVAC (Mechanical Systems) Replacement: MCPS (P816633)	28,000,000	71,677,000	99,677,000
Asbestos Abatement: MCPS (P816695)	1,145,000	10,940,000	12,085,000
Planned Life Cycle Asset Repl: MCPS (P896586)	11,000,000	75,449,000	86,449,000
Stormwater Discharge & Water Quality Mgmt: MCPS (P956550)	616,000	6,903,000	7,519,000
Facility Planning: MCPS (P966553)	635,000	8,857,000	9,492,000
Improved (Safe) Access to Schools (P975051)	2,000,000	10,343,000	12,343,000
Rehab/Reno.Of Closed Schools- RROCS (P916587)	36,023,000	78,697,000	114,720,000
Current Revitalizations/Expansions(P926575)	15,342,000	758,551,000	773,893,000
Montgomery County Public Schools	257,061,000	1,493,940,000	1,751,001,000

PART II: PROJECTS

The following projects for the Board of Education's FY 2017 Capital Budget and the FY 2017-2022 Capital Improvements Program are approved.

PART III : CAPITAL IMPROVEMENTS PROJECTS TO BE CLOSED OUT

The following capital projects are closed out effective June 30, 2016, and the appropriation for each project is decreased by the amount of that project's unencumbered balance.

Project Title (Project #)

Brookhaven ES Addition (P096500)
Harmony Hills ES Addition (P096503)
Jackson Road ES Addition (P096504)
Montgomery Knolls ES Addition (P096505)
Whetstone ES Addition (P096508)
Highland View ES Addition (P136503)
Sargent Shriver ES Addition (DCC Solution) (P651501)
Kemp Mill ES Addition (DCC Solution) (P651506)
Highland ES Addition (DCC Solution) (P651508)
Glen Haven ES Addition (DCC Solution) (P651509)
Brookhaven ES Addition (DCC Solution) (P651512)
Wheaton Cluster MS Solution (P651516)
Northwood Cluster MS Solution (651608)

PART IV: CAPITAL IMPROVEMENTS PROJECTS:

PARTIAL CLOSE OUT

Partial close out of the following capital projects is effective June 30, 2016

Project Title (Project #)	Amt (In \$000)
Roof Replacement: MCPS (P766995)	7,205
HVAC (Mechanical Systems) Replacement: MCPS (P816633)	15,290
Planned Life Cycle Asset Repl: MCPS (P896586)	456
Current Revitalizations/Expansions(P926575)	86,089

Resolution No:	<u>18-499</u>
Introduced:	<u>May 26, 2016</u>
Adopted:	<u>May 26, 2016</u>

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

By: County Council

SUBJECT: Approval of the FY 2017-2022 Capital Improvements Program, and Approval of and Appropriation for the FY 2017 Capital Budget of Montgomery College

Background

1. As required by the Education Article, Section 16-301 of the Maryland Code, the Montgomery College Board of Trustees sent to the County Executive and County Council a 6-year Capital Improvements Program (CIP) and an FY 2017 Capital Budget for Montgomery College.
2. Section 302 of the County Charter requires the Executive to send to the Council by January 15 in each even-numbered calendar year a 6-year CIP, which the Executive did on January 15, 2016 for the 6-year period FY 2017-2022. Section 302 requires the affirmative vote of at least 5 Councilmembers to approve or modify the Executive's Recommended CIP. After the Council approves a CIP, Section 302 permits the Council to amend it at any time with the affirmative vote of at least 6 Councilmembers.
3. Section 303 of the Charter requires the Executive to send to the Council by January 15 in each year a recommended Capital Budget, which the Executive did on January 15, 2016 for FY 2017.
4. As required by Section 304 of the Charter, the Council held public hearings on the Capital Budget for FY 2017 and on the Recommended CIP for FY 2017-2022 on February 10 and 11, 2016.

Action

The County Council for Montgomery County, Maryland approves the following resolution:

1. For FY 2017, the Council approves the Capital Budget for Montgomery College and appropriates the amounts by project which are shown in part I.
2. The Council reappropriates the appropriations made in prior years for all capital projects:
 - a) except as specifically reflected elsewhere in this resolution;
 - b) in the amounts and for the purposes specified in the Approved CIP for FY 2017-2022; and
 - c) to the extent that those appropriations are not expended or encumbered.
3. The Council approves the projects for the FY 2017-2022 Capital Improvements Program as presented in the Board of Trustees requested FY 2017 Capital Budget and FY 2017-2022 Capital Improvements Program, dated November 16, 2015, with the exceptions which are attached in Part II. Those projects are approved as modified.
4. The Council approves the close out of the projects in part III.
5. Any revenue which exceeds the amount estimated to be received from revenue sources other than County bonds must reduce the amount of bonds to be sold by the amount of the excess.
6. If a sign recognizing the contribution of any Federal, State, or local government or agency is displayed at any project for which funds are appropriated in this resolution, as a condition of spending those funds each sign must also expressly recognize the contribution of the County and the County's taxpayers.

This is a correct copy of Council action.



Linda M. Lauer, Clerk of the Council

PART I: FY 17 CAPITAL BUDGET FOR Montgomery College

The appropriations for FY 17 in this Part are made to implement the projects in the Capital Improvements Program for FY 17 - FY 22. When the total appropriation for a project includes State funds, the total appropriation for the project is contingent on the availability of funds from the State.

Project Title (Project #)	FY 17 Appropriation	Cumulative Appropriation	Total Appropriation
Computer Science Alterations (P046602)	-200,000	1,359,000	1,159,000
Site Improvements: College (P076601)	700,000	15,529,000	16,229,000
Rockville Student Services Center (P076604)	53,712,000	10,373,000	64,085,000
Student Learning Support Systems (P076617)	1,400,000	10,420,000	11,820,000
Network Operating Center/Datacenter (P076618)	2,000,000	22,554,000	24,554,000
Network Infrastructure and Support Systems (P076619)	350,000	14,767,000	15,117,000
Capital Renewal: College (P096600)	1,000,000	12,888,000	13,888,000
Instructional Furniture and Equipment: College (P096601)	270,000	2,100,000	2,370,000
Energy Conservation: College (P816611)	125,000	4,718,000	4,843,000
Information Technology: College (P856509)	3,450,000	115,997,000	119,447,000
Facility Planning: College (P886686)	270,000	5,237,000	5,507,000
Planning, Design & Construction (P906605)	1,584,000	24,914,000	26,498,000
Planned Lifecycle Asset Replacement: College (P926659)	2,700,000	44,372,000	47,072,000
ADA Compliance: College (P936660)	50,000	1,303,000	1,353,000
Montgomery College	67,411,000	286,531,000	353,942,000

PART II: REVISED PROJECTS

The projects described in this section were revised from, or were not included among, the projects approved by the County Council as they appeared in the Approved 2017 - 2022 Capital Improvements Program (CIP) as of May 19, 2016. These projects are approved.

PART III : CAPITAL IMPROVEMENTS PROJECTS TO BE CLOSED OUT

The following capital projects are closed out effective June 30, 2016, and the appropriation for each project is decreased by the amount of that project's unencumbered balance.

No projects closed out (on Part III)

Resolution No:	<u>18-500</u>
Introduced:	<u>May 26, 2016</u>
Adopted:	<u>May 26, 2016</u>

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

By: County Council

SUBJECT: Approval of the FY 2017-2022 Capital Improvements Program, and Approval of and Appropriation for the FY 2017 Capital Budget of the Maryland-National Capital Park and Planning Commission

Background

1. As required by the Maryland Code, Land Use Article, Section 18-104, the Maryland-National Capital Park and Planning Commission sent to the County Executive an FY 2017-2022 Capital Improvements Program and an FY 2017 Capital Budget for the Maryland-National Capital Park and Planning Commission.
2. Section 302 of the County Charter requires the Executive to send to the Council by January 15 in each even-numbered calendar year a 6-year Capital Improvements Program (CIP), which the Executive did on January 15, 2016 for the 6-year period FY 2017-2022. Section 302 requires the affirmative vote of at least 5 Councilmembers to approve or modify the Executive's Recommended CIP. After the Council approves a CIP, Section 302 permits the Council to amend it at any time with the affirmative vote of at least 6 Councilmembers.
3. Section 303 of the County Charter requires the Executive to send to the Council by January 15 in each year a Recommended Capital Budget, which the Executive did on January 15, 2016 for FY 2017.
4. As required by Section 304 of the County Charter, the Council held public hearings on the Capital Budget for FY 2017 and on the Recommended CIP for FY 2017-2022 on February 10 and 11, 2016.

Action

The County Council for Montgomery County, Maryland approves the following resolution for the Maryland-National Capital Park and Planning Commission:

1. For FY 2017, the Council approves the Capital Budget and appropriates the amounts by project shown in Part I.

2. The Council reappropriates the appropriations made in prior years for all capital projects:
 - a) except as specifically reflected elsewhere in this resolution;
 - b) in the amounts and for the purposes specified in the Approved CIP for FY 2017-2022; and
 - c) to the extent that those appropriations are not expended or encumbered.

3. The County appropriation for Acquisition: Non-Local Parks and Legacy Open Space includes:

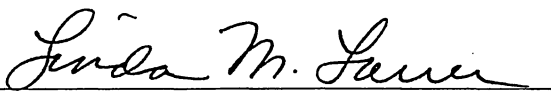
998798	Acquisition Non-Local Parks-County Current Revenue-General	\$135,000
018710	Legacy Open Space-County Current Revenue-General	\$250,000
018710	Legacy Open Space-County G.O. Bonds	\$2,500,000
	(\$100,000 of G.O. Bonds appropriation is for Personnel Costs)	

The County will contribute the following amounts for non-local park projects:

County G.O. Bonds	\$11,974,000
County Current Revenue-General	\$2,748,000

4. The Council approves the projects for the FY 2017-2022 Capital Improvements Program as presented in the Maryland-National Capital Park and Planning Commission FY 2017 Capital Budget and the FY 2017-2022 Capital Improvements Program (November 2015), with the exceptions attached in Part II. Those projects are approved as modified.
5. The Council approves the close out of the projects in Part III.
6. The Council approves the partial close out of the projects in Part IV.
7. If a sign recognizing the contribution of any Federal, State, or local government or agency is displayed at any project for which funds are appropriated in this resolution, as a condition of spending those funds each sign must also expressly recognize the contribution of the County and the County's taxpayers.

This is a correct copy of Council action.


 Linda M. Lauer, Clerk of the Council

**PART I : FY 17 Appropriation CAPITAL BUDGET MARYLAND-NATIONAL
CAPITAL PARK AND PLANNING COMMISSION**

The appropriations for FY 17 Appropriation in this Part are made to implement the projects in the Capital
Improvements Program for FY 17 - FY 22.

Project Title (Project #)	FY 17 Appropriation	Cumulative Appropriation	Total Appropriation
Legacy Open Space (P018710)	3,250,000	72,469,000	75,719,000
Acquisition: Local Parks (P767828)	1,035,000	2,172,000	3,207,000
Acquisition: Non-Local Parks (P998798)	1,135,000	2,552,000	3,687,000
Ballfield Improvements (P008720)	1,400,000	1,073,000	2,473,000
Small Grant/Donor-Assisted Capital Improvements (P058755)	300,000	1,986,000	2,286,000
Pollution Prevention and Repairs to Ponds & Lakes (P078701)	650,000	3,684,000	4,334,000
Brookside Gardens Master Plan Implementation (P078702)	650,000	9,561,000	10,211,000
Battery Lane Urban Park (P118701)	60,000	0	60,000
ADA Compliance: Local Parks (P128701)	850,000	567,000	1,417,000
ADA Compliance: Non-Local Parks (P128702)	800,000	1,057,000	1,857,000
Elm Street Urban Park (P138701)	9,000	662,000	671,000
Woodside Urban Park (P138705)	6,442,000	550,000	6,992,000
Cost Sharing: Non-Local Parks (P761682)	50,000	56,000	106,000
Trails: Hard Surface Design & Construction (P768673)	450,000	1,908,000	2,358,000
Restoration Of Historic Structures (P808494)	695,000	1,145,000	1,840,000
Stream Protection: SVP (P818571)	600,000	849,000	1,449,000
Roof Replacement: Non-Local Pk (P838882)	263,000	518,000	781,000
Trails: Natural Surface & Resource-based Recreation (P858710)	350,000	713,000	1,063,000
Trails: Hard Surface Renovation (P888754)	700,000	1,891,000	2,591,000
Facility Planning: Local Parks (P957775)	300,000	829,000	1,129,000
Facility Planning: Non-Local Parks (P958776)	300,000	778,000	1,078,000
Cost Sharing: Local Parks (P977748)	75,000	101,000	176,000
Energy Conservation - Local Parks (P998710)	37,000	199,000	236,000
Energy Conservation - Non-Local Parks (P998711)	40,000	70,000	110,000
Minor New Construction - Non-Local Parks (P998763)	1,000,000	310,000	1,310,000
Enterprise Facilities' Improvements (P998773)	1,300,000	1,837,000	3,137,000
Minor New Construction - Local Parks (P998799)	700,000	729,000	1,429,000
Planned Lifecycle Asset Replacement: Local Parks (P967754)	3,425,000	5,177,000	8,602,000
Planned Lifecycle Asset Replacement: NL Parks (P968755)	2,340,000	3,271,000	5,611,000
Urban Park Elements (P871540)	250,000	250,000	500,000
North Branch Trail (P871541)	4,672,000	0	4,672,000
Western Grove Urban Park (P871548)	50,000	1,105,000	1,155,000
Josiah Henson Historic Park (P871552)	300,000	520,000	820,000
Hillandale Local Park (P871742)	700,000	0	700,000
S. Germantown Recreational Park: Cricket Field (P871746)	2,300,000	0	2,300,000
Total - M-NCPPC	37,478,000	118,589,000	156,067,000

PART II: REVISED PROJECTS

The projects described in this section were revised from, or were not included among, the projects as requested by the Maryland-National Capital Park and Planning Commission as they appeared in the Maryland-National Capital Park and Planning Commission Proposed FY 2017 Capital Budget and the Proposed FY 2017-2022 Capital Improvements Program. These projects are approved.

PART III : CAPITAL IMPROVEMENTS PROJECTS TO BE CLOSED OUT

The following capital projects are closed out effective June 30, 2016, and the appropriation for each project is decreased by the amount of that project's unencumbered balance.

Project Title (Project #)

Woodstock Equestrian Center (P018712)
Work Order Mgmt/Planned Lifecycle Asset Repl. Sys. (P028702)
Montrose Trail (P038707)
Black Hill Trail Renovation and Extension (P058701)
Takoma-Piney Branch Local Park (P078707)
Darnestown Square Heritage Park (P098704)
Lake Needwood Modifications (P098708)
S. Germantown Recreational Park: Soccerplex Fac. (P998712)
Resurfacing Parking Lots & Paths: Local Parks (P998714)
Resurfacing Parking Lots & Paths: Non-Local Parks (P998764)

PART IV: CAPITAL IMPROVEMENTS PROJECTS:**PARTIAL CLOSE OUT**

Partial close out of the following capital projects is effective June 30, 2016

Project Title (Project #)	Amt (In \$000)
ALARF: M-NCPPC (P727007)	2,387
Acquisition: Local Parks (P767828)	411
Acquisition: Non-Local Parks (P998798)	983
Ballfield Improvements (P008720)	762
Small Grant/Donor-Assisted Capital Improvements (P058755)	227
Pollution Prevention and Repairs to Ponds & Lakes (P078701)	879
ADA Compliance: Local Parks (P128701)	578
ADA Compliance: Non-Local Parks (P128702)	699
Cost Sharing: Non-Local Parks (P761682)	92
Trails: Hard Surface Design & Construction (P768673)	168
Restoration Of Historic Structures (P808494)	1,054
Stream Protection: SVP (P818571)	791
Roof Replacement: Non-Local Pk (P838882)	1,072
Trails: Natural Surface & Resource-based Recreation (P858710)	147
Trails: Hard Surface Renovation (P888754)	183
Facility Planning: Local Parks (P957775)	551
Facility Planning: Non-Local Parks (P958776)	466
Cost Sharing: Local Parks (P977748)	142
Energy Conservation - Local Parks (P998710)	35
Energy Conservation - Non-Local Parks (P998711)	35
Resurfacing Parking Lots & Paths: Local Parks (P998714)	75
Minor New Construction - Non-Local Parks (P998763)	830
Resurfacing Parking Lots & Paths: Non-Local Parks (P998764)	219
Enterprise Facilities' Improvements (P998773)	366
Minor New Construction - Local Parks (P998799)	146
Planned Lifecycle Asset Replacement: Local Parks (P967754)	1,522
Planned Lifecycle Asset Replacement: NL Parks (P968755)	2,474

Resolution No.:	<u>18-501</u>
Introduced:	<u>May 26, 2016</u>
Adopted:	<u>May 26, 2016</u>

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

By: County Council

SUBJECT: Authorizations for the FY 2017 Capital Budget of the Montgomery County Revenue Authority

Background

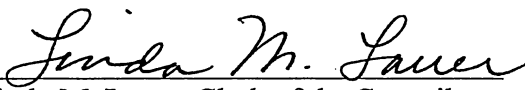
1. As required by Section 42-13 of the County Code, the Montgomery County Revenue Authority (Revenue Authority) sent to the County Executive a 6-year Capital Improvements Program (CIP).
2. Section 302 of the County Charter requires the Executive to send to the County Council by January 15 in each even-numbered calendar year a 6-year CIP. Section 303 of the Charter requires the Executive to send to the Council by January 15 in each year a Recommended Capital Budget.
3. As required by Section 304 of the County Charter, the Council held public hearings on February 10 and 11, 2016 on the FY 2017 Capital Budget and on amendments requested to the Approved CIP for FY 2017-2022 that were transmitted on January 15, 2016.
4. Chapter 601 of the 1992 Laws of Maryland provides that no provision of the County Charter or other County law regarding the duties, powers, or organization of the Revenue Authority will apply unless the County expressly provides by law that the Charter provision or law applies to the Revenue Authority.
5. Section 42-13(a)(3) of the County Code expressly requires the Executive to include the Revenue Authority's 6-year program in the comprehensive 6-year program submitted to the Council under Section 302 of the County Charter.
6. Section 42-13(a)(4) of the County Code expressly authorizes the Council to amend the Revenue Authority's 6-year program.

Action

The County Council for Montgomery County, Maryland approves the following resolution for the Montgomery County Revenue Authority FY 2017-2022 Capital Improvements Program under Section 42-13 of the County Code:

1. For FY 2017, the Council approves the Capital Budget and authorizes the amounts by project, which are shown in Part I.
2. The Council reauthorizes the authorizations made in prior years for all capital projects:
 - a) except as specifically reflected elsewhere in this resolution;
 - b) in the amounts and for the purposes specified in the approved CIP for FY 2017-2022; and
 - c) to the extent that those authorizations are not expended or encumbered.
3. The Council approves the close out of the projects in Part III.
4. If a sign recognizing the contribution of any Federal, State, or local government or agency is displayed at any project for which funds are appropriated in this resolution, as a condition of spending those funds each sign must also expressly recognize the contribution of the County and the County's taxpayers.

This is a correct copy of Council action.


Linda M. Lauer, Clerk of the Council

**PART I: FY 17 CAPITAL BUDGET FOR
Revenue Authority (C14)**

The authorizations for FY 17 in this Part are made to implement the projects in the Capital
Improvements Program for FY 17 - FY22.

Project Title (Project #)	FY 17 Appropriation	Cumulative Appropriation	Total Appropriation
Needwood Golf Course (P113900)	1,200,000	230,000	1,430,000
Falls Road G.C. Improvements (P967432)	127,000	4,422,000	4,549,000
HG Restroom Amenities and Grille (P391501)	240,000	100,000	340,000
Rattlewood Golf Course (P391701)	60,000	0	60,000
Revenue Authority (C14)	1,627,000	4,752,000	6,379,000

PART II: REVISED PROJECTS

The projects described in this section were revised from the projects as requested by the Revenue Authority in the County Executive's Recommended FY 2017 Capital Budget and Capital Improvements Program FY 2017-2022 of January 15, 2016. These projects are approved.

703909 Montgomery County Airpark (attached)

PART III: CAPITAL IMPROVEMENTS PROJECTS TO BE CLOSED OUT

The following capital projects are closed out effective July 1, 2016, and the appropriation for each project is decreased by the amount of that project's unencumbered balance.

None

PART IV: CAPITAL IMPROVEMENTS PROJECTS: PARTIAL CLOSE OUT

Partial close out of the following capital projects is effective July 1, 2016.

None

Resolution No: 18-502
Introduced: May 26, 2016
Adopted: May 26, 2016

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

By: County Council

SUBJECT: Approval of FY 2017-2022 Capital Improvements Program of the Housing Opportunities Commission, and Approval of and Appropriation for the FY 2017 Capital Budget

Background

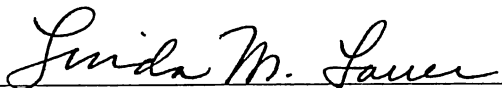
1. In a spirit of cooperation, the Housing Opportunities Commission sent to the County Executive a 6-year Capital Improvements Program (CIP) for the Housing Opportunities Commission.
2. Section 302 of the County Charter requires the Executive to send to the County Council by January 15 in each even-numbered calendar year a 6-year CIP, which the Executive did on January 15, 2016 for the 6-year period FY 2017-2022. Section 302 requires the affirmative vote of at least 5 Councilmembers to approve or modify the Executive's Recommended CIP. After the Council approves a CIP, Section 302 permits the Council to amend it at any time with the affirmative vote of at least 6 Councilmembers.
3. Section 303 of the Charter requires the Executive to send to the Council by January 15 in each year a Recommended Capital Budget, which the Executive did on January 15, 2016.
4. As required by Section 304 of the County Charter, the Council held public hearings on February 10 and 11, 2016 on the FY 2017-2022 CIP and the FY 2017 Capital Budget.

Action

The County Council for Montgomery County, Maryland approves the following resolution for the Housing Opportunities Commission:

1. For FY 2017, the Council approves the Capital Budget and appropriates the amounts by project as shown in Part I.
2. The Council re-appropriates the appropriations made in prior years for all capital projects:
 - a) except as specifically reflected elsewhere in this resolution;
 - b) in the amounts and for the purposes specified in the approved CIP for FY 2017-2022; and
 - c) to the extent that those appropriations are not expended or encumbered.
3. If a sign recognizing the contribution of any Federal, State, or local government or agency is displayed at any project for which funds are appropriated in this resolution, as a condition of spending those funds each sign must also expressly recognize the contribution of the County and the County's taxpayers.

This is a correct copy of Council action.


Linda M. Lauer, Clerk of the Council

PART I: FY 2017 CAPITAL BUDGET FOR HOUSING OPPORTUNITIES COMMISSION

The appropriations for FY 2017 in this Part are made to implement the projects in the Capital Improvements Program for FY 2017-2022.

Project #	Project Name	FY 17 Appropriation	Cumulative Appropriation	Total Appropriation
P091501	Supplemental Funds for Deeply Subsidized HOC Owned Units Improvements	\$1,250,000	\$2,500,000	\$3,750,000
TOTAL – HOUSING OPPORTUNITIES COMMISSION		\$1,250,000	\$2,500,000	\$3,750,000

PART II: REVISED PROJECTS

The project described in this section was revised from the projects as requested by the Housing Opportunities Commission in the County Executive's Recommended FY 2017 Capital Budget and FY 2017-2022 Capital Improvements Program of January 15, 2016. This project is approved.

Project #	Project Name
P091704	Demolition Fund

PART III: CAPITAL IMPROVEMENTS PROJECTS TO BE CLOSED OUT

The following capital projects are closed out effective July 1, 2016, and the appropriation for each project is decreased by the amount of that project's unencumbered balance.

Project #	Project Name
------------------	---------------------

NONE

**PART IV: CAPITAL IMPROVEMENTS PROJECTS:
PARTIAL CLOSE OUT**

Partial close out of the following capital projects is effective July 1, 2016.

Project #	Project Name
------------------	---------------------

NONE

#7 - Aggregate Capital Budget for County bonds: this resolution does not require 7 affirmative votes

Resolution No:	<u>18-503</u>
Introduced:	<u>May 26, 2016</u>
Adopted:	<u>May 26, 2016</u>

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

By: County Council

SUBJECT: Approval of the FY 2017 Aggregate Capital Budget for County General Obligation Bonds

Background

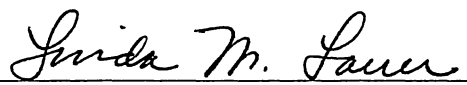
1. Section 305 of the County Charter requires the affirmative vote of at least 7 Council members to approve the aggregate capital budget if that budget exceeds the adopted spending affordability guidelines then in effect.
2. Section 20-56 of the County Code requires the Council to set guidelines for County general obligation bonds by resolution no later than the first Tuesday in October in each odd-numbered calendar year. This section also permits the Council to revise the guidelines to reflect a significant change in conditions. The deadline for revision is the first Tuesday in February.
3. On September 29, 2015, the Council adopted guidelines for County general obligation bonds allowing no more than \$340 million to be planned for expenditure in FY 2017, no more than \$340 million to be planned for expenditure in FY 2018, and no more than \$2,040 million to be planned for expenditure over the 6-year period from FY 2017 through FY 2022.
4. On February 2, 2016, the Council confirmed the guidelines for County general obligation bonds approved on September 29, 2015.

Action

The County Council for Montgomery County, Maryland approves the following resolution:

For County general obligation bonds, the Council estimates that the amount planned for expenditure does not exceed the guidelines. Because these guidelines are not exceeded, 7 affirmative votes are not required for approval of the aggregate capital budget.

This is a correct copy of Council action.


Linda M. Lauer, Clerk of the Council

#8 - Aggregate Capital Budget for Park & Planning bonds: this resolution does not require 7 affirmative votes

Resolution No: 18-504
Introduced: May 26, 2016
Adopted: May 26, 2016

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

By: County Council

SUBJECT: Approval of the FY 2017 Aggregate Capital Budget for Maryland-National Capital Park and Planning Commission Bonds

Background

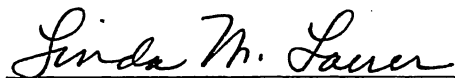
1. Section 305 of the County Charter requires the affirmative vote of at least 7 Council members to approve the aggregate capital budget if that budget exceeds the adopted spending affordability guidelines then in effect.
2. Section 20-56 of the County Code requires the Council to set guidelines for Maryland-National Capital Park and Planning Commission bonds by resolution no later than the first Tuesday in October in each odd-numbered calendar year. This section also permits the Council to revise the guidelines to reflect a significant change in conditions. The deadline for revision is the first Tuesday in February.
3. On September 29, 2015, the Council adopted guidelines for Maryland-National Capital Park and Planning Commission bonds allowing no more than \$6.0 million to be planned for expenditure in FY 2017, no more than \$6.0 million to be planned for expenditure in FY 2018, and no more than \$36.0 million to be planned for expenditure over the 6-year period from FY 2017 through FY 2022.
4. On February 2, 2016, the Council amended these guidelines, allowing no more than \$6.5 million to be planned for expenditure in FY 2017, no more than \$6.5 million to be planned for expenditure in FY 2018, and no more than \$39.0 million to be planned for expenditure over the 6-year period from FY 2017 through FY 2022.

Action

The County Council for Montgomery County, Maryland approves the following resolution:

For Maryland-National Capital Park and Planning Commission bonds, the Council estimates that the amount planned for expenditure does not exceed the guidelines. Because the guidelines are not exceeded, 7 affirmative votes are not required for approval of the aggregate capital budget.

This is a correct copy of Council action.


Linda M. Lauer, Clerk of the Council

Resolution No.:	<u>18-505</u>
Introduced:	<u>May 26, 2016</u>
Adopted:	<u>May 26, 2016</u>

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

By: County Council

SUBJECT: Approval of the FY 2017 State Participation Projects

Background

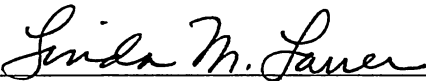
1. The Maryland Economic Growth, Resource Protection, and Planning Act requires local governments to review local construction projects that involve the use of State funds, grants, loans, loan guarantees, or insurance for consistency with local plans.
2. Resolution 12-919, adopted December 1, 1992, requires the County Council to make a final determination of consistency and approve a list of State participation projects for which findings have been made.

Action

The County Council for Montgomery County, Maryland approves the following resolution:

For FY 2017, the Council affirms consistency with local plans for all construction projects in the attached list, which both involve State funds and are covered by local plans.

This is a correct copy of Council action.



Linda M. Lauer, Clerk of the Council

State Aid Report

Run Date: 05/24/2016 10:49 AM

Attachment to Resolution No.: 18-505

	Total	Thru FY16	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
General Government											
Economic Development											
Wheaton Redevelopment Program (P160401)	850	750	100	0	0	0	0	0	0	0	0
Conference Center Garage (P781401)	1,500	44	1,456	0	0	0	0	0	0	0	0
Economic Development	2,350	794	1,556	0	0	0	0	0	0	0	0
General Government	2,350	794	1,556	0	0	0	0	0	0	0	0
Public Safety											
Correction and Rehabilitation											
Pre-Release Center Dietary Facilities Improvements(P420900)	3,503	0	280	3,223	403	2,820	0	0	0	0	0
Criminal Justice Complex (P421100)	1,368	0	0	1,368	0	0	684	684	0	0	0
Detention Center Reuse (P429755)	853	853	0	0	0	0	0	0	0	0	0
Correction and Rehabilitation	5,724	853	280	4,591	403	2,820	684	684	0	0	0
Public Safety	5,724	853	280	4,591	403	2,820	684	684	0	0	0
Transportation											
Roads											
Montrose Parkway East (P500717)	25,000	0	0	0	0	0	0	0	0	0	25,000
State Transportation Participation (P500722)	16,463	14,463	0	2,000	2,000	0	0	0	0	0	0
Facility Planning-Transportation (P509337)	75	75	0	0	0	0	0	0	0	0	0
Roads	41,538	14,538	0	2,000	2,000	0	0	0	0	0	25,000
Bridges											
Bridge Design (P509132)	1,431	638	793	0	0	0	0	0	0	0	0
Bridge Renovation (P509753)	2,298	91	845	1,362	227	227	227	227	227	227	0
Bridges	3,729	729	1,638	1,362	227	227	227	227	227	227	0
Pedestrian Facilities/Bikeways											
Shady Grove Access Bike Path (P500600)	1,256	1,256	0	0	0	0	0	0	0	0	0
MD 365 Crossing (BRAC) (P501209)	4,806	0	0	4,806	0	0	4,806	0	0	0	0
Needwood Road Bikepath (P501304)	860	115	0	745	745	0	0	0	0	0	0
Sidewalk Program - Minor Projects (P506747)	76	0	76	0	0	0	0	0	0	0	0
Bikeway Program - Minor Projects (P507586)	261	250	0	11	11	0	0	0	0	0	0
Forest Glen Pedestrian Bridge (P509976)	3,078	2,894	384	0	0	0	0	0	0	0	0
MD365-Clarksburg Shared Use Path(P501744)	523	0	0	523	523	0	0	0	0	0	0
Pedestrian Facilities/Bikeways	10,860	4,315	460	6,085	1,279	0	4,806	0	0	0	0

State Aid Report

Run Date: 05/24/2016 10:49 AM

	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
Traffic Improvements											
Pedestrian Safety Program (P500333)	100	100	0	0	0	0	0	0	0	0	0
Traffic Signal System Modernization (P500704)	12,000	9,638	2,362	0	0	0	0	0	0	0	0
Advanced Transportation Management System (P509399)	10,873	10,873	0	0	0	0	0	0	0	0	0
Traffic Improvements	22,973	20,611	2,362	0	0	0	0	0	0	0	0
Mass Transit											
Rapid Transit System (P501318)	500	357	143	0	0	0	0	0	0	0	0
Ride On Bus Fleet (P500821)	15,140	5,540	7,200	2,400	400	400	400	400	400	400	0
Silver Spring Transit Center (P509974)	14,289	10,299	3,990	0	0	0	0	0	0	0	0
Mass Transit	29,929	16,196	11,333	2,400	400	400	400	400	400	400	0
Highway Maintenance											
Permanent Patching: Residential/Rural Roads (P501106)	992	992	0	0	0	0	0	0	0	0	0
Highway Maintenance	992	992	0	0	0	0	0	0	0	0	0
Transportation	110,021	57,381	15,793	11,847	3,906	627	5,433	627	627	627	25,000
Health and Human Services											
Health and Human Services (SC41)	3,614	0	0	3,614	1,414	1,200	1,000	0	0	0	0
Avery Road Treatment Center (P501502)	3,614	0	0	3,614	1,414	1,200	1,000	0	0	0	0
Health and Human Services	3,614	0	0	3,614	1,414	1,200	1,000	0	0	0	0
Culture and Recreation											
Recreation	4,100	3,436	664	0	0	0	0	0	0	0	0
Cost Sharing: MCG (P720601)	250	250	0	0	0	0	0	0	0	0	0
Plum Gar Neighborhood Recreation Center (P720905)	100	100	0	0	0	0	0	0	0	0	0
Ken Gar Community Center Renovation (P721401)	4,450	3,786	664	0	0	0	0	0	0	0	0
Recreation	4,450	3,786	664	0	0	0	0	0	0	0	0
Libraries											
Gaithersburg Library Renovation (P710300)	1,580	1,580	0	0	0	0	0	0	0	0	0
Silver Spring Library (P710302)	2,468	2,468	0	0	0	0	0	0	0	0	0
Library Refurbishment Level of Effort (P711502)	1,187	29	1,158	0	0	0	0	0	0	0	0
Libraries	5,235	4,077	1,158	0	0	0	0	0	0	0	0
Culture and Recreation	9,685	7,863	1,822	0	0	0	0	0	0	0	0
Conservation of Natural Resources											

State Aid Report

Run Date: 05/24/2016 10:49 AM

	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
Storm Drains											
Storm Drain General (P500320)	162	162	0	0	0	0	0	0	0	0	0
Stormwater Management											
SM Facility Major Structural Repair (P800700)	905	399	506	0	0	0	0	0	0	0	0
SM Retrofit - Government Facilities (P800800)	192	192	0	0	0	0	0	0	0	0	0
SM Retrofit - Roads (P801300)	15,285	3,185	100	12,000	2,000	2,000	2,000	2,000	2,000	2,000	0
Misc Stream Valley Improvements (P807359)	9,560	2,799	761	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0
SM Retrofit: Countywide (P808726)	13,937	38	1,899	12,000	2,000	2,000	2,000	2,000	2,000	2,000	0
Facility Planning: SM (P809319)	140	140	0	0	0	0	0	0	0	0	0
Watershed Restoration - Interagency (P809342)	505	505	0	0	0	0	0	0	0	0	0
Stormwater Management	40,524	7,258	3,266	30,000	5,000	5,000	5,000	5,000	5,000	5,000	0
Ag Land Preservation											
Ag Land Pres Easements (P788911)	685	152	213	320	190	130	0	0	0	0	0
Ag Land Preservation	685	152	213	320	190	130	0	0	0	0	0
Conservation of Natural Resources	41,371	7,572	3,479	30,320	5,190	5,130	5,000	5,000	5,000	5,000	0
M-NCPPC											
Acquisition											
Legacy Open Space (P018710)	4,203	4,203	0	0	0	0	0	0	0	0	0
Acquisition: Local Parks (P767828)	7,600	0	1,600	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Acquisition: Non-Local Parks (P998798)	8,474	0	2,474	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Acquisition	20,277	4,203	4,074	12,000	2,000	2,000	2,000	2,000	2,000	2,000	0
Development											
Woodstock Equestrian Center (P018712)	1,100	1,100	0	0	0	0	0	0	0	0	0
Laytonia Recreational Park (P038703)	3,000	0	3,000	0	0	0	0	0	0	0	0
Rock Creek Trail Pedestrian Bridge (P048703)	1,370	1,370	0	0	0	0	0	0	0	0	0
Black Hill Trail Renovation and Extension (P056701)	2,328	2,328	0	0	0	0	0	0	0	0	0
East Norbeck Local Park Expansion (P058703)	2,369	2,369	0	0	0	0	0	0	0	0	0
Pollution Prevention and Repairs to Ponds & Lakes (P078701)	1,963	0	1,913	50	50	0	0	0	0	0	0
Brookside Gardens Master Plan Implementation (P078702)	1,200	0	1,200	0	0	0	0	0	0	0	0
Germanatown Town Center Urban Park (P078704)	2,950	2,950	0	0	0	0	0	0	0	0	0
Greenbriar Local Park (P078705)	3,028	2,600	428	0	0	0	0	0	0	0	0

State Aid Report

Run Date: 05/24/2016 10:49 AM

	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
Takoma-Piney Branch Local Park (P078707)	2,548	2,548	0	0	0	0	0	0	0	0	0
Evans Parkway Neighborhood Park (P098702)	2,670	2,670	0	0	0	0	0	0	0	0	0
Woodlawn Barn Visitors Center (P098703)	2,300	1,800	500	0	0	0	0	0	0	0	0
Darnestown Square Heritage Park (P098704)	568	568	0	0	0	0	0	0	0	0	0
Falls Road Local Park (P098705)	368	300	68	0	0	0	0	0	0	0	0
Magruder Branch Trail Extension (P098706)	360	0	0	0	0	0	0	0	0	0	0
Warner Circle Special Park (P118703)	1,025	638	387	0	0	0	0	0	0	0	360
Kemp Mill Urban Park (P138702)	1,200	0	1,000	200	200	0	0	0	0	0	0
Little Bennett Regional Park Day Use Area (P138703)	1,023	0	0	1,023	0	0	0	0	0	1,023	0
Seneca Crossing Local Park (P138704)	2,000	0	0	0	0	0	0	0	0	0	2,000
Woodside Urban Park (P138705)	1,024	0	0	1,024	512	612	0	0	0	0	0
Trails: Hard Surface Renovation (P888754)	1,800	0	1,000	800	300	500	0	0	0	0	0
S. Germantown Recreational Park: Soccerplex Fac. (P998712)	525	525	0	0	0	0	0	0	0	0	0
Planned Lifecycle Asset Replacement: Local Parks (P967754)	1,125	0	0	1,125	575	550	0	0	0	0	0
Josiati Henson Historic Park (P871552)	626	0	260	366	366	0	0	0	0	0	0
Caroline Freeland Local Park (P871743)	2,000	0	0	2,000	0	0	0	0	2,000	0	0
Hillandale Local Park (P871742)	3,000	0	0	3,000	0	0	2,000	1,000	0	0	0
Little Bennett Regional Park Trail Connector (P871744)	1,000	0	0	0	0	0	0	0	0	0	1,000
Development	44,470	21,766	9,755	9,588	2,003	1,562	2,000	1,000	2,000	1,023	3,360
M-NCPPC	64,747	25,969	13,830	21,588	4,003	3,562	4,000	3,000	4,000	3,023	3,360

Revenue Authority (C14)

Miscellaneous Projects (Revenue Authority)

Montgomery County Airport (P703909)

	3,033	1,880	78	1,075	195	260	90	100	430	0	0
Miscellaneous Projects (Revenue Authority)	3,033	1,880	78	1,075	195	260	90	100	430	0	0

Revenue Authority (C14)

Montgomery County Public Schools

Individual Schools

Redland MS - Improvements (P016519)	3,131	3,131	0	0	0	0	0	0	0	0	0
Brookhaven ES Addition (P096500)	129	-129	0	0	0	0	0	0	0	0	0
Fairland ES Addition (P096501)	741	741	0	0	0	0	0	0	0	0	0
Harmony Hills ES Addition (P096503)	475	475	0	0	0	0	0	0	0	0	0
Jackson Road ES Addition (P096504)	1,254	1,254	0	0	0	0	0	0	0	0	0

State Aid Report

Run Date: 05/24/2016 10:49 AM

	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
Montgomery Knolls ES Addition (P096505)	1,059	1,059	0	0	0	0	0	0	0	0	0
Whetstone ES Addition (P096508)	176	176	0	0	0	0	0	0	0	0	0
Bradley Hills ES Addition (P116503)	4,305	0	4,305	0	0	0	0	0	0	0	0
Clarksburg/Damascus MS (New) (P116506)	5,386	0	0	5,386	5,386	0	0	0	0	0	0
Darnestown ES Addition (P116507)	2,434	0	2,434	0	0	0	0	0	0	0	0
Georgian Forest ES Addition (P116508)	1,197	0	1,197	0	0	0	0	0	0	0	0
Viers Mill ES Addition (P116510)	336	0	336	0	0	0	0	0	0	0	0
Westbrook ES Addition (P116512)	2,068	0	2,068	0	0	0	0	0	0	0	0
Wyngate ES Addition (P116513)	2,838	0	2,838	0	0	0	0	0	0	0	0
Clarksburg Cluster ES (Clarksburg Village Site #1) (P116504)	8,585	0	0	8,585	8,585	0	0	0	0	0	0
East Silver Spring ES Addition (P086500)	422	422	0	0	0	0	0	0	0	0	0
Individual Schools	34,536	7,387	13,178	13,971	13,971	0	0	0	0	0	0
Countywide (SC50)											
Roof Replacement: MCPS (P766995)	7,982	6,133	1,447	382	382	0	0	0	0	0	0
Energy Conservation: MCPS (P796222)	688	688	0	0	0	0	0	0	0	0	0
HVAC (Mechanical Systems) Replacement: MCPS (P816633)	35,010	20,073	9,522	5,415	5,415	0	0	0	0	0	0
Planned Life Cycle Asset Repl: MCPS (P896586)	17,140	15,534	1,504	102	102	0	0	0	0	0	0
School Security Systems (P926557)	4,186	4,186	0	0	0	0	0	0	0	0	0
Rehab/Reno. Of Closed Schools- RROCS (P916587)	21,315	21,315	0	0	0	0	0	0	0	0	0
Current Revitalizations/Expansions(P926575)	103,605	82,350	21,255	0	0	0	0	0	0	0	0
Countywide (SC50)	189,906	150,279	33,728	5,899	5,899	0	0	0	0	0	0
Miscellaneous Projects											
State Aid Reconciliation (P896536)	317,329	52,912	5,917	258,500	0	51,700	51,700	51,700	51,700	51,700	0
Miscellaneous Projects	317,329	52,912	5,917	258,500	0	51,700	51,700	51,700	51,700	51,700	0
Montgomery County Public Schools	541,771	210,578	52,823	278,370	19,870	51,700	51,700	51,700	51,700	51,700	0
WSSC											
Sewerage Bi-County											
Blue Plains WWTP: Enhanced Nutrient Removal (P083800)	215,482	163,538	24,360	27,584	14,675	8,725	2,315	1,307	493	69	0
Sewerage Bi-County	215,482	163,538	24,360	27,584	14,675	8,725	2,315	1,307	493	69	0
Sewerage Montgomery County											
Seneca WWTP Enhanced Nutrient Removal (P073800)	6,220	6,220	0	0	0	0	0	0	0	0	0
Sewerage Montgomery County	6,220	6,220	0	0	0	0	0	0	0	0	0

State Aid Report

Run Date: 05/24/2016 10:49 AM

	Total	Thru FY15	Est FY16	6 Year						Beyond 6			
				Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Yrs		
WSSC													
Montgomery College	221,702	169,768	24,360	27,584	14,675	8,725	2,315	1,307	493	69	0		
Higher Education													
Bioscience Education Center (P056603)	41,083	39,474	1,509	100	50	50	0	0	0	0	0		
Rockville Student Services Center (P076604)	36,346	2,859	2,169	31,318	14,384	16,934	0	0	0	0	0		
Takoma Park/Silver Spring Math & Science Center (P076607)	43,964	0	0	43,964	0	750	2,291	6,442	13,750	20,731	0		
Germanatown Student Services Center (P076612)	45,321	0	0	3,000	0	0	0	0	0	3,000	42,321		
Science West Building Renovation (P076622)	16,461	12,828	3,077	556	500	56	0	0	0	0	0		
Science East Building Renovation (P076623)	13,353	12,146	1,207	0	0	0	0	0	0	0	0		
Germanatown Science & Applied Studies Phase 1-Renov (P136600)	19,660	1,414	2,942	15,304	7,500	7,804	0	0	0	0	0		
Energy Conservation: College (P816611)	51	51	0	0	0	0	0	0	0	0	0		
Roof Replacement: College (P876664)	1,203	1,203	0	0	0	0	0	0	0	0	0		
Higher Education	217,442	69,975	10,904	94,242	22,434	25,594	2,291	6,442	13,750	23,731	42,321		
Montgomery College	217,442	69,975	10,904	94,242	22,434	25,594	2,291	6,442	13,750	23,731	42,321		

Total

1,221,460	552,623	124,925	473,231	72,090	99,618	72,513	68,860	76,000	84,150	70,681
-----------	---------	---------	---------	--------	--------	--------	--------	--------	--------	--------

Resolution No:	<u>18-512</u>
Introduced:	<u>May 26, 2016</u>
Adopted:	<u>May 26, 2016</u>

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

By: County Council

SUBJECT: Approval of the FY 2017-2022 Capital Improvements Program for the Washington Suburban Sanitary Commission

Background

1. As required by Section 23-304 of the Public Utilities Article of the Maryland Code, before October 1 of each year, the Washington Suburban Sanitary Commission (WSSC) must prepare and submit to the County Executive and County Council of Montgomery County a 6-year Capital Improvements Program (CIP) for water and sewer facilities.
2. On October 1, 2015, WSSC transmitted its Proposed CIP for Fiscal Years 2017-2022.
3. On January 15, 2016, the County Executive transmitted his recommendations regarding the FY 2017-2022 WSSC CIP.
4. Section 23-306 of the Public Utilities Article of the Maryland Code authorizes the Council to approve, disapprove, or modify the WSSC CIP.
5. Section 23-305 of the Public Utilities Article of the Maryland Code requires that before final action on the WSSC CIP is taken, public hearings must be held on the Program. The Council held public hearings on the CIP on February 10 and February 11, 2016.
6. The Council considered the recommendations of the Executive and the Montgomery County Planning Board regarding the CIP and reviewed the project description forms.
7. The Council recognizes that the information and documentation contained in the CIP are an integral part of the Comprehensive Water Supply and Sewerage Systems Plan which must be submitted to the State Department of the Environment in accordance with Section 9-501 et seq. of the Environment Article of the Maryland Code.
8. On May 12, 2016, the Montgomery County and Prince George's County Councils jointly reviewed their respective proposed additions to, deletions from, increases to, and decreases in the WSSC capital and operating budgets and further considered all proposed changes. The Councils agree on changes to the WSSC Proposed CIP.

Action

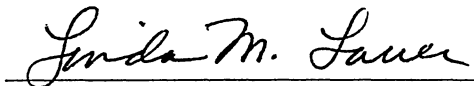
The County Council for Montgomery County, Maryland approves the following resolution for the Washington Suburban Sanitary Commission:

1. The Council approves the projects in the WSSC Proposed CIP for FY 2017-2022 as transmitted on October 1, 2015, except those projects which are approved as modified by the Montgomery and Prince George's County Councils. Amended project description forms are attached to this resolution and are identified by the following WSSC project numbers:

S-22.06; S-22.07; S-22.09; S-22.10; S-22.11.

2. The Council approves the addition of the Potomac WFP Consent Decree Program project (W-73.33) as transmitted to both Councils as a mid-cycle update to the WSSC Proposed CIP for FY 2017-2022 on April 20, 2016.
3. The Council approves the close out of the projects in Part I.

This is a correct copy of Council action.



Linda M. Lauer, Clerk of the Council

**PART I: WASHINGTON SUBURBAN SANITARY COMMISSION
CAPITAL PROJECTS TO BE CLOSED OUT**

The Washington Suburban Sanitary Commission has authorized the close out of the following Montgomery County and Bi-County Projects.

<u>COUNTY NUMBER</u>	<u>CATEGORY</u>	<u>PROJECTS</u>
073801	Montgomery	Damascus WWTP Enhanced Nutrient Removal
983854	Montgomery	Land & Rights-Of-Way Acquisition - Montgomery County
033805	Bi-County	Power Reliability and Arc Flash Implementation
113806	Bi-County	Potomac WFP Stage 2 Disinfection Byproducts Rule Implementation
083807	Bi-County	Anacostia Storage Facility

Resolution No.:	<u>18-513</u>
Introduced:	<u>May 26, 2016</u>
Adopted:	<u>May 26, 2016</u>

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

By: County Council

SUBJECT: Approval of the FY 2017 Capital and Operating Budgets for the Washington Suburban Sanitary Commission

Background

1. Section 17-202 of the Public Utilities Article of the Maryland Code requires the Washington Suburban Sanitary Commission (WSSC) each year to submit proposed capital and operating budgets to the County Executives of Montgomery and Prince George's Counties for their recommendations. The Executives in turn transmit the budgets to the respective County Councils for amendment and approval. Both Councils, through joint action, may recommend rates for water consumption and sewer use charges and ad valorem tax levies as the Councils deem necessary.
2. The Montgomery County Council on October 27, 2015, by Resolution No. 18-303 recommended the following spending control limits for the FY17 Water and Sewer Capital and Operating Budgets:

Water and Sewer Rate Increase	3.5%
New Water and Sewer Debt	\$476,810,000
Water and Sewer Debt Service	\$250,762,000
Water and Sewer Operating Fund Expenditures	\$729,168,000

3. The Prince George's County Council on November 3, 2015 by Resolution No. CR-75-2015 recommended the following limits.

Water and Sewer Rate Increase	3.5%
New Water and Sewer Debt	\$476,810,000
Water and Sewer Debt Service	\$250,762,000
Water and Sewer Operating Fund Expenditures	\$729,168,000

4. In accordance with Section 17-202 of the Public Utilities Article of the Maryland Code, the WSSC submitted to the Executives of Montgomery and Prince George's Counties the proposed capital and operating budgets for FY 2017 and the record of the public hearing held by the Commission on those budgets.

5. The Executives of Montgomery and Prince George's Counties transmitted to the respective Councils their recommendations on the Commission's proposed budgets.
6. The Montgomery County Council advertised and held public hearings on the Commission's proposed budgets on the proposed CIP and the proposed operating budget on April 5, 6, and 7, 2016.
7. The Montgomery County Council recommended approval of the Commission's FY 2017 Capital Budget with the following changes: amend the expenditures for the five Blue Plains capital projects with the latest estimates from DC Water; add Potomac WFP Consent Decree Program project as proposed as a mid-cycle update by WSSC. The Montgomery County Council recommended approval of the Commission's FY 2017 Operating Budget with the following changes: decrease WSSC's proposed \$5.5 million for compensation to \$2.88 million with a 1.00% cost of living adjustment (effective July 1, 2016) plus merit increases and include \$119,600 for lump sum contractual payments for IT personnel in FY17; assume higher regional sewage disposal costs of \$2,900,000; reduce projected revenue reductions resulting from the Customer Affordability program by \$856,000; increase the number of authorized workyears by five workyears to enhance customer relations; remove two requested permitting specialists for a total authorized workyears of 1,776; add \$7,940 for Montgomery County processing of Front Foot Benefit charges on property tax bills; the remaining balance of \$151,700 in expenditures to go to water and sewer operating fund balance. These recommendations were transmitted to the Prince George's County Council by letter dated May 10, 2016.
8. The Prince George's County Council advertised and held a public hearing on the Commission's proposed budgets on May 10, 2016.
9. The Prince George's County Council recommended approval of the Commission's FY 2017 Operating Budget with the same changes recommended by the Montgomery County Council with the exception of the \$7,940 for Montgomery County processing of Front Foot Benefit charges on property tax bills. These recommendations were transmitted to the Montgomery County Council by letter dated May 10, 2016.
10. On May 12, 2016, the Montgomery County and Prince George's County Councils jointly reviewed and approved the WSSC capital and operating budgets agreeing on all proposed changes.

Action

The County Council for Montgomery County, Maryland approves the following resolution:

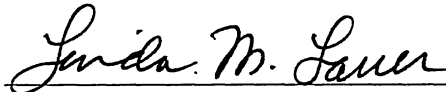
1. The following amounts and workyears are approved for the budget of the WSSC for the fiscal year beginning July 1, 2016 and ending June 30, 2017.

	<u>Operating</u>	<u>Capital</u>
Salaries and Wages	\$114,718,000	\$ 28,667,000
Heat, Light & Power	23,581,000	--
Regional Sewage Disposal	54,501,000	--
Contract Work	--	442,324,000
Consulting Engineers	--	54,851,000
All Other Items	282,145,000	164,456,000
Debt Service	<u>261,437,000</u>	--
Total	<u>\$736,382,000</u>	<u>\$690,298,000</u>
Workyears Authorized: 1,776		

2. The Capital Budget includes the first year of the FY 2017-2022 Capital Improvements Program as detailed in Appendix A (Water) and Appendix B (Sewerage), which are attached and incorporated.
3. In adopting WSSC's FY 2017 operating budget, the Counties and the Commission recognize that although total operating debt service is \$261,437,000 and equals 35.5% of the total operating budget, water and sewer operating debt service, the portion of debt service supported by water and sewer rate revenues, is \$243,808,000 or 34.0% of the water and sewer operating budget.
4. The Montgomery County Council recommends that the Commission establish water consumption and sewer use rates and charges as detailed in Appendix C, effective July 1, 2016.
5. The Montgomery County Council recommends that the Commission establish the account maintenance fee for all customers as detailed in Appendix D, effective July 1, 2016.
6. The Montgomery County Council recommends that the Commission establish the infrastructure investment fee for all customers as detailed in Appendix E, effective July 1, 2016.
7. The Commission may adopt certain miscellaneous fees and charges as detailed in Appendix F, effective July 1, 2016, and the Commission may delegate to the General Manager the authority to adopt any new fees and charges that may be needed between that date and adoption of the FY 2018 Budget.
8. Any supplement to the WSSC approved FY 2017 Budget must be submitted in accordance with §17-202 of the Public Utilities Article of the Maryland Code.
9. The Commission must acknowledge the recommendations of the respective County governing bodies regarding certain policies, procedures, and practices, and must:
 - a) obtain the approval of both Councils before increasing operating expenditures above \$736,382,000;
 - b) obtain the approval of both Councils before transferring any funds from any approved expenditure category in the operating or capital budget which exceeds 5%

- of the approved amount. This transfer authority does not apply to the amount approved for debt service; and
- c) furnish monthly status reports to each Council and Executive on the fiscal and budgetary activities of the Commission under the approved operating and capital budgets, starting with the end of the first quarter of the fiscal year. These reports must be submitted not later than 45 days after the last day of each month.

This is a correct copy of Council action.

A handwritten signature in cursive script, reading "Linda M. Lauer". The signature is written in dark ink and is positioned above a horizontal line.

Linda M. Lauer, Clerk of the Council

**FY'17 ESTIMATES FOR
SIX-YEAR CAPITAL IMPROVEMENTS PROGRAM - WATER**
(In Thousands)

<u>PROJECT NUMBER</u>	<u>PROJECT NAME</u>	<u>LAND AND RIGHTS OF WAY</u>	<u>PLANNING/ DESIGN FEES</u>	<u>CONSTRUCTION COSTS</u>	<u>OTHER COSTS</u>	<u>FY'17 TOTAL</u>
<u>MONTGOMERY COUNTY</u>						
W-3.02	Oiney Standpipe Replacement	\$ -	\$ 304	\$ 2,792	\$ 464	\$ 3,560
W-46.14	Clarksburg Area Stage 3 Water Main, Parts 1, 2, & 3	-	451	1,072	228	1,751
W-46.15	Clarksburg Elevated Water Storage Facility	-	134	983	168	1,285
W-46.24	Clarksburg Area Stage 3 Water Main, Part 4	-	120	879	150	1,149
W-46.25	Clarksburg Area Stage 3 Water Main, Part 5	-	15	113	19	147
W-90.04	Brink Zone Reliability Improvements	-	250	1,000	188	1,438
W-138.02	Shady Grove Standpipe Replacement	-	309	2,844	473	3,626
<u>MONTGOMERY COUNTY SUBTOTALS</u>		\$ -	\$ 1,583	\$ 9,683	\$ 1,690	\$ 12,956
<u>BI-COUNTY</u>						
W-73.19	Potomac WFP Outdoor Substation No. 2 Replacement	\$ -	\$ 847	\$ 5,500	\$ 635	\$ 6,982
W-73.21	Potomac WFP Corrosion Mitigation	-	35	2,000	204	2,239
W-73.22	Potomac WFP Pre-Filter Chlorination & Air Scour Improvements	-	139	2,192	233	2,564
W-73.30	Potomac WFP Submerged Channel Intake	-	1,000	-	50	1,050
W-73.32	Potomac WFP Main Zone Pipeline	-	321	-	32	353
W-73.33	Potomac WFP Consent Decree Program	600	2,000	-	100	2,700
W-127.01	Bi-County Water Tunnel	-	10	20	2	32
W-139.02	Duckett & Brighton Dam Upgrades	-	725	7,250	798	8,773
W-161.01	Large Diameter Water Pipe & Large Valve Rehabilitation Program	-	3,842	41,960	2,290	48,092
W-172.05	Patuxent WFP Phase II Expansion	-	2,231	14,700	847	17,778
W-172.07	Patuxent Raw Water Pipeline	-	100	5,000	510	5,610
W-172.08	Rocky Gorge Pump Station Upgrade	-	934	5,942	688	7,564
W-202.00	Land & Rights-of-Way Acquisition - Bi-County Water	425	-	-	-	425
<u>BI-COUNTY SUBTOTALS</u>		\$ 1,025	\$ 12,184	\$ 84,564	\$ 6,389	\$ 104,162

**FY'17 ESTIMATES FOR
SIX-YEAR CAPITAL IMPROVEMENTS PROGRAM - WATER
(In Thousands)**

<u>PROJECT NUMBER</u>	<u>PROJECT NAME</u>	<u>LAND AND RIGHTS OF WAY</u>	<u>PLANNING/ DESIGN FEES</u>	<u>CONSTRUCTION COSTS</u>	<u>OTHER COSTS</u>	<u>FY'17 TOTAL</u>
<u>PRINCE GEORGE'S COUNTY</u>						
W-12.02	Prince George's County HG415 Zone Water Main	\$ -	\$ 3	\$ 1,821	\$ 274	\$ 2,098
W-34.02	Old Branch Avenue Water Main	-	100	2,933	303	3,336
W-34.03	Water Transmission Improvements 385B Pressure Zone	-	100	2,500	260	2,860
W-34.04	Branch Avenue Water Transmission Improvements	-	200	14,880	754	15,834
W-34.05	Marlboro Zone Reinforcement Main	-	10	1,167	177	1,354
W-62.05	Clinton Zone Water Storage Facility Implementation	-	300	1,500	180	1,980
W-65.10	St. Barnabas Elevated Tank Replacement	-	171	4,632	721	5,524
W-84.02	Ritchie Marlboro Road Transmission Main & PRV	-	12	4,000	401	4,413
W-84.03	Smith Home Farms Water Main	-	60	285	52	397
W-84.04	Westphalia Town Center Water Main	-	58	197	38	293
W-84.05	Prince George's County 450A Zone Water Main	-	1,463	-	146	1,609
W-93.01	Konterra Town Center East Water Main	-	70	468	81	619
W-105.01	Marlton Section 18 Water Main, Lake Marlton Avenue	-	37	288	49	374
W-111.05	Hillmeade Road Water Main	-	30	2,600	395	3,025
W-119.01	John Hanson Highway Water Main, Part 1	-	130	5,958	609	6,697
W-120.14	Lakeview at Brandywine Water Main, Part 1	-	3	6	1	10
W-120.15	Lakeview at Brandywine Water Main, Part 2	-	12	-	2	14
W-120.16	Lakeview at Brandywine Water Main, Part 3	-	2	27	4	33
W-123.14	Old Marlboro Pike Water Main	-	15	141	23	179
W-123.20	Oak Grove/Leeland Roads Water Main, Part 2	-	20	3,000	452	3,472
W-137.02	South Potomac Supply Improvement	-	811	11,008	591	12,410
W-147.00	Collington Elevated Water Storage Facility	-	11	20	3	34
PRINCE GEORGE'S COUNTY SUBTOTALS		\$ -	\$ 3,618	\$ 57,431	\$ 5,516	\$ 66,565
<u>GRAND TOTAL WATER PROJECTS</u>						
		\$ 1,025	\$ 17,385	\$ 151,678	\$ 13,595	\$ 183,683

FY'17 ESTIMATES FOR
SIX-YEAR CAPITAL IMPROVEMENTS PROGRAM - SEWER
(In Thousands)

PROJECT NUMBER	PROJECT NAME	LAND AND RIGHTS OF WAY	PLANNING/ DESIGN FEES	CONSTRUCTION COSTS	OTHER COSTS	FY'17 TOTAL
<u>MONTGOMERY COUNTY</u>						
S-25.03	Twinbrook Commons Sewer	\$ -	\$ 8	\$ 130	\$ 21	\$ 159
S-25.04	Mid-Pike Plaza Sewer Main, Phase 1	-	8	100	16	124
S-25.05	Mid-Pike Plaza Sewer Main, Phase 2	-	247	2,455	405	3,107
S-53.21	Seneca WWTP Enhanced Nutrient Removal	-	1	20	1	22
S-53.22	Seneca WWTP Expansion, Part 2	-	1	20	1	22
S-84.47	Clarksburg Triangle Outfall Sewer, Part 2	-	12	471	72	555
S-84.60	Cabin Branch Wastewater Pumping Station	-	75	315	59	449
S-84.61	Cabin Branch WWPS Force Main	-	27	97	19	143
S-84.65	Tapestry Wastewater Pumping Station	-	103	298	60	461
S-84.66	Tapestry WWPS Force Main	-	-	32	5	37
S-85.21	Shady Grove Station Sewer Augmentation	-	11	1,016	154	1,181
S-103.16	Cabin John Trunk Sewer Relief	-	180	5,352	553	6,085
MONTGOMERY COUNTY SUBTOTALS		\$ -	\$ 673	\$ 10,306	\$ 1,366	\$ 12,345
<u>BI-COUNTY</u>						
S-22.06	Blue Plains WWTP: Liquid Train Projects, Part 2	\$ -	\$ 2,952	\$ 9,006	\$ 120	\$ 12,078
S-22.07	Blue Plains WWTP: Biosolids Management, Part 2	-	1,158	2,812	40	4,010
S-22.09	Blue Plains WWTP: Plant-wide Projects	-	2,396	5,764	82	8,242
S-22.10	Blue Plains WWTP: Enhanced Nutrient Removal	-	8,613	38,354	470	47,437
S-22.11	Blue Plains: Pipelines & Appurtenances	-	4,683	12,242	169	17,094
S-103.02	Piscataway WWTP Bio-Energy Project	-	4,050	-	204	4,254
S-170.08	Septage Discharge Facility Planning & Implementation	-	440	1,792	223	2,455
S-170.09	Trunk Sewer Reconstruction Program	-	30,769	102,000	12,752	145,521
S-203.00	Land & Rights-of-Way Acquisition - Bi-County Sewer	122	-	-	-	122
BI-COUNTY SUBTOTALS		\$ 122	\$ 55,061	\$ 171,970	\$ 14,060	\$ 241,213

FY'17 ESTIMATES FOR
SIX-YEAR CAPITAL IMPROVEMENTS PROGRAM - SEWER
(In Thousands)

PROJECT NUMBER	PROJECT NAME	LAND AND RIGHTS OF WAY	PLANNING/ DESIGN FEES	CONSTRUCTION COSTS	OTHER COSTS	FY'17 TOTAL
PRINCE GEORGE'S COUNTY						
S-27.08	Westphalia Town Center Sewer Main	\$ -	\$ 18	\$ 86	\$ 16	\$ 120
S-28.18	Konterra Town Center East Sewer	-	-	-	-	-
S-43.02	Broad Creek WWPS Augmentation	-	2,300	31,200	1,675	35,175
S-57.92	Western Branch Facility Upgrade	-	11	11	2	24
S-57.93	Western Branch WWTP Enhanced Nutrient Removal	-	9	9	2	20
S-57.94	Western Branch WWTP Incinerator Emissions Control	-	820	9,325	1,015	11,160
S-68.01	Landover Mill Redevelopment	-	77	463	81	621
S-75.19	Brandywine Woods Wastewater Pumping Station	-	12	43	8	63
S-75.20	Brandywine Woods WWPS Force Main	-	5	27	5	37
S-75.21	Mattawoman WWTP Upgrades	-	-	3,305	-	3,305
S-77.19	Parkway WWTP Biosolids Facility Plan Implementation	-	100	100	20	220
S-86.19	Karrington Subdivision Sewer	-	30	204	35	269
S-87.15	Rodenhauser Wastewater Pumping Station	-	7	22	4	33
S-87.16	Rodenhauser WWPS Force Main	-	1	13	2	16
S-96.14	Piscataway WWTP Facility Upgrades	-	2,746	3,568	316	6,630
S-131.05	Pleasant Valley Sewer Main, Part 2	-	50	276	49	375
S-131.07	Pleasant Valley Sewer Main, Part 1	-	102	701	120	923
S-131.08	Preserves of Piscataway Wastewater Pumping Station	-	80	119	30	229
S-131.09	Preserves of Piscataway WWPS Force Main	-	6	7	2	15
S-131.10	Fort Washington Forest No. 1 WWPS Augmentation	-	233	1,112	202	1,547
PRINCE GEORGE'S COUNTY SUBTOTALS		\$ -	\$ 6,607	\$ 50,591	\$ 3,584	\$ 60,782
GRAND TOTAL SEWER PROJECTS		\$ 122	\$ 62,341	\$ 232,867	\$ 19,010	\$ 314,340

WSSC Water/Sewer Rate Schedules Effective July 1, 2015 & Approved for Implementation July 1, 2016**(3.0% AVERAGE RATE INCREASE APPROVED FOR FY'17)**

Average Daily Consumption by Customer Unit During Billing Period (Gallons Per Day)	Water Rates		Sewer Rates		Combined Water & Sewer Rates	
	July 1, 2015 Rates Per 1,000 Gallons	July 1, 2016 Rates Per 1,000 Gallons	July 1, 2015 Rates Per 1,000 Gallons	July 1, 2016 Rates Per 1,000 Gallons	July 1, 2015 Rates Per 1,000 Gallons	July 1, 2016 Rates Per 1,000 Gallons
0-49	\$ 3.20	\$ 3.38	\$ 4.26	\$ 4.30	\$ 7.46	\$ 7.68
50-99	3.57	3.78	4.98	5.03	8.55	8.81
100-149	3.94	4.18	5.80	5.85	9.74	10.03
150-199	4.41	4.67	6.69	6.76	11.10	11.43
200-249	5.16	5.46	7.29	7.36	12.45	12.82
250-299	5.59	5.92	7.90	7.97	13.49	13.89
300-349	5.92	6.27	8.42	8.50	14.34	14.77
350-399	6.16	6.53	8.84	8.92	15.00	15.45
400-449	6.40	6.78	9.04	9.12	15.44	15.90
450-499	6.58	6.98	9.32	9.40	15.90	16.38
500-749	6.70	7.10	9.51	9.60	16.21	16.70
750-999	6.86	7.27	9.72	9.81	16.58	17.08
1,000-3,999	6.99	7.41	10.14	10.23	17.13	17.64
4,000-6,999	7.15	7.58	10.37	10.46	17.52	18.04
7,000-8,999	7.25	7.68	10.52	10.62	17.77	18.30
9,000 & Greater	7.37	7.81	10.80	10.90	18.17	18.71

Current Flat Rate Sewer Charge - \$104.00 per quarter
Proposed Flat Rate Sewer Charge - \$105.00 per quarter

Account Maintenance Fees Proposed for Implementation July 1, 2016

<u>Meter Size</u>	<u>Current FY'16 Quarterly Charges</u>	<u>Proposed FY'17 Quarterly Charges</u>
<u>Small Meters</u>		
5/8" to 1"	\$ 16.00	\$ 16.00
<u>Large Meters</u>		
1-1/2"	16.00	16.00
2"	27.00	27.00
3"	66.00	66.00
4"	142.00	142.00
6"	154.00	154.00
8"	200.00	200.00
10"	246.00	246.00
<u>Detector Check Meters</u>		
2"	33.00	33.00
4"	177.00	177.00
6"	255.00	255.00
8"	461.00	461.00
10"	633.00	633.00
<u>Fire Service Meters</u>		
4"	182.00	182.00
6"	293.00	293.00
8"	452.00	452.00
10"	682.00	682.00
12"	989.00	989.00

This is a quarterly fee which is prorated based on the length of the billing cycle.

All 1-1/2" meters are now included under the Large Meters category.

Infrastructure Investment Fees Proposed for Implementation July 1, 2016

<u>Meter Size</u>	<u>Current FY'16 Quarterly Charges</u>	<u>Proposed FY'17 Quarterly Charges *</u>
<u>Small Meters</u>		
5/8"	\$ 5.50	\$ 11.00
3/4"	6.00	12.00
1"	7.00	14.00
<u>Large Meters</u>		
1-1/2"	42.00	90.00
2"	92.50	185.00
3"	292.50	585.00
4"	406.50	813.00
6"	632.50	1,265.00
8"	1,422.50	2,845.00
10"	2,212.50	4,425.00
<u>Fire Service Meters</u>		
4"	249.50	499.00
6"	308.00	616.00
8"	1,262.00	2,524.00
10"	1,357.00	2,714.00
12"	2,607.00	5,214.00

* The Infrastructure Investment Fee is being phased in over two years. This is the second year of the 2-year phase-in. The full fee, proposed to be implemented in FY'17, will remain fixed over the existing five year period.

This is a quarterly fee which is prorated based on the length of the billing cycle.

All 1-1/2" meters are now included under the Large Meters category.

FY'17 APPROVED FEES AND CHARGES
(Effective July 1, 2016)

APPROVED CHARGE

1. INSPECTION FEES	
Water/Sewer Connection Hookup, Well/Septic Hookup, Plumbing and Gasfitting Inspections	\$660
New Single Family Detached Dwellings	660
New Attached Dwellings (townhouse/multiplex excluding apartments)	95
All Other Residential:	95
Water/Well Hookup	185
Meter Yoke Inspection (meter only installation)	95
Water Hookup Converting from Well (includes 2 inspections)	95
Sewer/Septic Hookup	95
First Plumbing Fixture	30
Each Additional Fixture	30
SDC Credit Fixture Inspection (per fixture)	30
Minimum Permit Fee	200
Permit Reprocessing Fee	55
Long Form Permit Refund Fee	200
Long Form Permit Re-Issue Fee	200
All Non-Residential:	
Plan Review (without Permit Application)	395
50 Fixtures or Less	1,340
51-200 Fixtures	2,670
Over 200 Fixtures	
2 nd or 3 rd Review (with or without Permit Application)	160
50 Fixtures or Less	300
51-200 Fixtures	640
Over 200 Fixtures	155
Water/Well Hookup	155
Meter Yoke Inspection (meter only installation)	155
Sewer/Septic Hookup	155
FOG Interceptor	155
First Plumbing Fixture	40
Each Additional Fixture	25
SDC Credit Fixture Inspection (per fixture)	230
Minimum Permit Fee	60
Permit Reprocessing Fee	230
Long Form Permit Refund Fee	230
Long Form Permit Re-Issue Fee	230

FY'17 APPROVED FEES AND CHARGES
(Effective July 1, 2016)

APPROVED CHARGE

2. SITE UTILITY (ON-SITE) REVIEW FEE	Base Fee	\$3,190
	Additional Fee per 100 feet	275
	Minor (Waived) Site Utility (On-Site) Fee	795
3. LICENSE FEES FOR THE REGULATED TRADES	Reciprocal Master Plumber, Gasfitter	
	- Initial Registration per type	85/2 years
	- Registration Renewal all types	85/2 years
	- Late Registration Renewal	50
	Examined	
	- Master Plumber, Gasfitter	
	- Initial Registration per type	105/4 years
	- Registration Renewal all types	105/4 years
	- Late Registration Renewal	50
	- Cross-Connection Technician Registration	25
	- Sewer and Drain Cleaner Registration and Renewal	40/2 years
	- Sewer and Drain Cleaner Late Registration Renewal	20
	- Journeyman License	
4. SHORT FORM PERMIT FEE (up to 3 fixtures) – Non-Refundable	- Initial Registration per type	30/2 years
	- Registration Renewal	30/2 years
	- Late Registration Renewal	20
	- License Transfer Fee	30
	- License Replacement Fee	15
	- Apprentice License Registration/Renewal	10
		75

FY'17 APPROVED FEES AND CHARGES
(Effective July 1, 2016)

APPROVED CHARGE

5. FEE FOR SALE OF COPIES OF PLANS, PLATS & '200' REFERENCE MAPS	Xerographic	\$6.00/sheet
6. FEE FOR SALE OF WSSC PLUMBING AND FUEL GAS CODE (PLUMBING CODE) and Cross Connection Control Manual	Sale of Plumbing Regulation (per book)	30/book
7. SEPTIC HAULER DISCHARGE PERMIT STICKER	<p><u>CATEGORY I</u></p> <p><u>Residential & Septic Waste & Grease</u></p> <p>1 - 49 Gallons 250/vehicle</p> <p>50 - 799 Gallons 3,645/vehicle</p> <p>800 - 2,999 Gallons 10,395/vehicle</p> <p>3,000 Gallons and Up 24,655/vehicle</p> <p>January through June 50% of fee</p> <p>Transfer and/or Replacement Permit Sticker 85</p> <p>Industrial/Special Waste Disposal Fee 325/1,000 gallons</p> <p>Zero Discharge Permit Fee 85</p> <p>Temporary Discharge Permit Fee 85</p> <p>Sewer Rate – Domestic Low Strength Wastewater 85 + Sewer Rate/1,000 gallons</p> <p>Sewer Rate – Domestic High Strength Wastewater 10.14/1,000 gallons of truck capacity</p> <p>53.69/1,000 gallons of truck capacity</p>	<p>140</p> <p>195</p> <p>150</p> <p>150</p> <p>150</p> <p>150</p> <p>180</p> <p>180</p> <p>750</p> <p>1,100</p> <p>3,190</p>
8. LONG FORM PERMIT TRANSFER FEE		
9. SMALL METER REPLACEMENT FEE (at Customer Request)		
10. METER REPLACEMENT FEE (Damaged or Stolen Meter)	<p>5/8" Encoder (outside) 150</p> <p>5/8" Encoder 150</p> <p>3/4" Encoder (outside) 150</p> <p>3/4" Encoder 150</p> <p>1" Encoder (outside) 180</p> <p>1" Encoder 180</p> <p>1-1/2" 750</p> <p>2" Standard 1,100</p> <p>3" Compound 3,190</p>	

FY'17 APPROVED FEES AND CHARGES
(Effective July 1, 2016)

APPROVED CHARGE

\$3,960
5,830
1,210
2,035
2,915
4,510
7,700
9,820
11,495
14,225
16,250

4" Compound
6" Compound
2" MVR
3" MVR
4" MVR
6" MVR
4" FM w/2" MVR
6" FM w/3" MVR
8" FM w/4" MVR
10" FM w/6" MVR
12" FM

11. METER TESTING FEES

5/8" to 1"
1-1/2"
2" and up

230
400
470

12. SUB-METER INSTALLATION FEES

One-time Sub-Meter Charge - Small
One-time Sub-Meter Charge - Large
One-time Inspection Fee
Minimum Permit Inspection Fee

245
485
50
200

13. TAPPER LICENSE FEE

Permit Fee
Duplicate Fee

330
30

14. TEMPORARY FIRE HYDRANT CONNECTION FEE

3/4" Meter - Deposit
2 Weeks or Less w/approved payment record
Over 2 Weeks/Less than 2 weeks w/unapproved payment record
3" Meter - Deposit
2 Weeks or Less w/approved payment record
Over 2 Weeks/Less than 2 weeks w/unapproved payment record
Service Charge
2 Weeks or Less (3/4" meter)
2 Weeks or Less (3" meter)

0
370
0
2,420
45
130

FY'17 APPROVED FEES AND CHARGES
(Effective July 1, 2016)

APPROVED CHARGE

Over 2 Weeks (3/4" and 3" meters)	
Water Consumption Charge - 3/4" Meter	\$145
Water Consumption Charge - 3" Meter	Current approved rate for 1,000 gallons ADC; \$30 minimum
Late Fee for Return of Meter	Current approved rate for 1,000 gallons ADC; \$195 minimum
Fee on Unpaid Temporary Fire Hydrant Meter Billings	7/day
Loss/Destruction of Meter	1½%/month
Loss/Destruction of Wrench	Replacement Cost 40
15. FEE FOR TRUCK INSPECTIONS WITH ATTACHED FIRE HYDRANT METER	50/2 years
16. WATER TURN-OFF, TURN-ON FEE	
Small Meter Turn-Off	70
Small Meter Turn-On	70
Large Meter Turn-Off	195
Large Meter Turn-On	195
17. FEASIBILITY REVIEW FEE (NON-SEP)	
Feasibility Review & Report Fee Deposit (can be deferred as deficit when extension is completed)	8,525
Feasibility Submission Fee (Non-Refundable)	1,375
18. INDUSTRIAL DISCHARGE CONTROL PROGRAM FEES BY CATEGORY	
Industrial users subject to Categorical Pretreatment Standards (less than 5,000 gpd) (double visit)	3,655
Industrial users subject to Categorical Pretreatment Standards (greater than 5,000 gpd) (double visit)	5,600
Non-Discharging Categorical Industries (zero discharge)	985

FY'17 APPROVED FEES AND CHARGES
(Effective July 1, 2016)

APPROVED CHARGE

Significant Industrial User (less than 25,000 gpd) (single visit – priority pollutant sampling)	\$3,655
Significant Industrial User (greater than 25,000 gpd) (double visit – priority pollutant sampling)	5,600
Penalty Charge for Late Fee Payment	5% of fee

19. FEES FOR SALE OF CONTRACT SPECIFICATIONS, CONTRACT SPECIFICATION BOOKS, DRAWINGS, DESIGN MANUALS, STANDARD DETAILS, AND GENERAL CONDITIONS

Construction Specifications/Drawings	
Utility Contracts	15
Facility Contracts	40-450
Construction Standard Details	55
Construction General Conditions & Standard Specifications	40
SEP Construction General Conditions & Standard Specifications	40
Procurement Specifications/Drawings/General Conditions	
With Routine Specifications	No charge
With Complex/Voluminous Specifications	35-200

20. WATERSHED USE PERMIT FEES

Seasonal Watershed Use Permit	70
Single Day Watershed Use Permit	6
Boat Mooring (April 1 – November 15)	80
Boat Mooring (November 16 – March 31)	55
Boat/Craft Removal Fee	100
Monthly Storage Fee for Removed Boats	80
Rental for the Azalea Garden	75/4 hours
Rental for the Bio-Brick Pavillion	75/4 hours
Boarding Stable Entrance Permit	250
Adjacent Landowner Entrance Permit	80
Picnic Permit	
	6/groups of 1-5 persons
	12/groups of 6-10 persons
	18/groups of 11-15 persons

21. CALL BACK FEE (small meters, plumbers)

90

22. CALL BACK FEE (large meters, plumbers)

180

23. MISSED APPOINTMENT FEE

First Missed Appointment or Turn-On	80
Each Additional Missed Appointment	110

FY'17 APPROVED FEES AND CHARGES
(Effective July 1, 2016)

APPROVED CHARGE

24. PATUXENT WATERSHED CIVIL CITATION FEE (STATE MANDATED)	
First offense	\$150
Each additional offense within calendar year	300
25. CONNECTION REDEMPTION FEE	35
26. CONNECTION ABANDONMENT FEE	
County Roads (Except Arterial Roads) - Water	1,320
County Roads (Except Arterial Roads) - Sewer	1,760
State Roads and County Arterial Roads - Water	1,760
State Roads and County Arterial Roads - Sewer	2,200
27. FIRE HYDRANT INSPECTION FEE	
Controlled Access Surcharge Fee	110/hydrant
	25
28. UTILITY EROSION AND SEDIMENT CONTROL PERMIT FEE	
Minor Projects	.14 per linear ft.
Major Projects	.18 per linear ft.
Minimum for Major Projects	120
29. EROSION AND SEDIMENT CONTROL TRAINING PACKAGE FEE	725/package
30. EROSION AND SEDIMENT CONTROL TRAINING CERTIFICATION SESSION FEE	60/session, per participant
31. FEE FOR SALE OF EROSION AND SEDIMENT CONTROL FIELD GUIDE	10
32. CIVIL CITATION FEES - SEDIMENT CONTROL, THEFT OF SERVICE, AND PLUMBING CIVIL CITATIONS (STATE MANDATED)	
First Offense	250
Second Offense	500
Third Offense	750
Each Violation In Excess of Three	1,000

FY'17 APPROVED FEES AND CHARGES
(Effective July 1, 2016)

APPROVED CHARGE

33. CHARGE FOR PHOTOCOPIES OF WSSC DOCUMENTS (per copied page)	
Readily Available Source Material	\$.25/page (single side)
Certified Copy of Readily Available Source Material	.50/page (single side)
Scanning Documents	.25/page (single side)
(A reasonable fee may be charged for time in excess of two hours expended by WSSC in searching for requested records or preparing such records for inspection and copying.)	
34. DISHONORED CHECK FEE & ELECTRONIC PAYMENT FEE (applies to all dishonored checks and all dishonored electronic payments)	35
35. FIRE HYDRANT FLOW TEST FEE	
No Current Test	630
Current Test	75
36. SHUT DOWN/CHARGE WATER MAIN FEE	
Shut Down/Complex Water Main Fee	905
	1,695
37. RIGHT-OF-WAY RELEASE REVIEW FEE	905/document
38. FEE FOR REVIEW AND INSPECTION OF SITE WORK POTENTIALLY IMPACTING WSSC PIPELINES	
Simple Review	330
Complex Review	1,895
Inspection	220/Inspection
39. FEE FOR WSSC PIPELINE DESIGN MANUAL	90
40. CHLORINATION CONFIRMATION TEST FEE	
Re-Test or Additional Tests	220/first test
	150/hour
41. METER REINSTALLATION CORRECTION FEE	340
42. SEWER METER MAINTENANCE FEE	
Quarterly Calibrations	9,920/year
	2,480/quarter

FY'17 APPROVED FEES AND CHARGES
(Effective July 1, 2016)

APPROVED CHARGE

43. DISCHARGE AUTHORIZATION PERMIT FEE	Significant Industrial User – Initial Permit	\$4,345/4 years
	Significant Industrial User – Renewal	2,130/4 years
	Initial zero-discharge CIU Permit	1,650/4 years
	Reissued zero-discharge CIU Permit	1,100/4 years
	Temporary Discharge Permit (Non – SIU)	4,345
44. SALE OF WSSD LAWS	Bound Volume	75
	Supplements	36
45. PROPERTY INSPECTION FEE		85
46. DESIGN REVIEW	Development is More than 10 Residential Units or Commercial	6,500
	Development is 10 Residential Units or Less	3,250
47. CONSTRUCTION SERVICES FEE	Re-Test or Additional Tests or Inspector Overtime	12% of construction bond costs less design review fee 190/hour
48. SYSTEMS INSPECTION GROUP REVIEW FEE FOR ADDITIONAL REVIEWS OF CONTRACT DOCUMENTS AND AS-BUILTS		190/hour
49. EXTRA REVIEW FEE	Minor Additional Reviews of Unsigned or Signed Plans (per review)	950
	Major/Splitting Additional Reviews of Unsigned or Signed Plans (per review)	2,000
	Per Site Utility/Minor Utility Additional Signed or Unsigned Plan Review	1,200
	Site Utility	300
	Minor Utility	650
50. RIGHT-OF-WAY ACQUISITION REIMBURSEMENT FOR SEP FEE	Per Hydraulic Planning Analysis/Systems Planning Forecast Application	Actual
51. HYDRAULIC PLANNING ANALYSIS AND SYSTEM PLANNING FORECAST	Additional Review of Required Data (per application)	1,265
	Modeling and Re-Modeling Fee - up to 3 parts	

FY'17 APPROVED FEES AND CHARGES
(Effective July 1, 2016)

APPROVED CHARGE

	Modeling and Re-Modeling Fee - per part over 3 Pressure Sewer Review Fee (per system)	\$550/part 290
52.	ENVIRONMENTAL SITE REVIEW FEE With Database Search Conducted by WSSC With Database Search Submitted by Applicant	330 250
53.	IN-HOUSE DESIGN DEPOSIT	Total estimated design costs
54.	PARTIAL RELEASE	1,100
55.	OFF-PROPERTY SERVICE CONNECTION REIMBURSEMENT	Prevailing service connection fee
56.	SERVICE CONNECTION APPLICATION AND INSPECTION FEE (per permit)	1,980/water and/or sewer connection
57.	FACILITIES DESIGN GUIDELINES FEE	30
58.	RELOCATION DESIGN REVIEW FEE Inspection for MOU Project	6,500 600 minimum charge up to 4 hours
59.	DISCHARGE FEE – Food Service Establishment (FSE) Full Permit FSE Best Management Practices Permit FSE	425 120
60.	LOBBYIST REGISTRATION FEE (STATE MANDATED)	100
61.	FEASIBILITY REVIEW FEE FOR ON-SITE TAKEOVER PROJECTS	770
62.	CREDIT CARD SURCHARGE (Applies to customer payment of any fee/charge by credit card (MasterCard and Visa) other than water and sewer billing.)	2% of amount charged
63.	FEE FOR THE PREPARATION OF HOLD HARMLESS AGREEMENT	845
64.	GOVERNMENT REFERRED PLAN REVIEW FEE Major Development – Over 10 Units Minor Development – 10 or Less Units Re-Review Fee for Major Development Re-Review Fee for Minor Development	1,375 660 660 330
65.	WAREHOUSE RESTOCKING FEE	30

<u>FY'17 APPROVED FEES AND CHARGES</u> (Effective July 1, 2016)		<u>APPROVED CHARGE</u>
66.	RESIDENTIAL OUTSIDE METER HOUSING UPGRADE/PIPE ALTERATION	\$5,170
67.	FEE FOR TRANSCRIBED TAPE OF A HEARING OR MEETING	Prevailing Fee Charged by Court Reporter
68.	PRE-SCREEN RE-SUBMISSION FEE	300
69.	CROSS CONNECTION FEE	
	Test Report Fee (per report)	28
	Base Fee for High Hazard Commercial Water Customer (per month)	13
	Base Fee for All Other Commercial Water Customer (per month)	7
70.	SITE UTILITY INSPECTION FEE	
	Base Fee	1,000
	Pipeline (per foot)	5.60
71.	NAME/TRANSFER OF OWNERSHIP FEE	180
72.	PROTEST FILING FEE	550

<u>FY'17 APPROVED FEES AND CHARGES</u> (Effective July 1, 2016)		<u>APPROVED CHARGE</u>	
SYSTEM DEVELOPMENT CHARGE		<u>APPROVED CHARGE</u> <u>EFFECTIVE JULY 1, 2016</u>	<u>MAXIMUM</u> <u>ALLOWABLE CHARGE</u>
73. System Development Charge	Apartment		
	Water	\$896	\$1,274
	Sewer	1,140	1,624
	1-2 toilets/residential		
	Water	1,344	1,914
	Sewer	1,710	2,432
	3-4 toilets/residential		
	Water	2,240	3,189
	Sewer	2,850	4,056
	5 toilets/residential		
	Water	3,135	4,463
	Sewer	3,991	5,681
	6+ toilets/residential (per fixture unit)		
	Water	88	125
	Sewer	115	165
	Non-residential (per fixture unit)		
	Water	88	126
	Sewer	115	165

COUNTY GOVERNMENT

GENERAL GOVERNMENT

County Offices & Other Improvements
Economic Development
Other General Government
Technology Services

Americans with Disabilities Act (ADA): Compliance (P361107)

Category
Sub Category
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
General Services (AAGE29)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	7,721	3,298	223	4,200	700	700	700	700	700	700	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	17,867	1,978	4,489	11,400	1,900	1,900	1,900	1,900	1,900	1,900	0
Construction	14,788	537	3,151	11,100	1,850	1,850	1,850	1,850	1,850	1,850	0
Other	624	274	50	300	50	50	50	50	50	50	0
Total	41,000	6,087	7,913	27,000	4,500	4,500	4,500	4,500	4,500	4,500	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	5,500	0	2,500	3,000	500	500	500	500	500	500	0
G.O. Bonds	31,254	1,841	5,413	24,000	4,000	4,000	4,000	4,000	4,000	4,000	0
PAYGO	4,246	4,246	0	0	0	0	0	0	0	0	0
Total	41,000	6,087	7,913	27,000	4,500	4,500	4,500	4,500	4,500	4,500	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	3,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		20,000
Expenditure / Encumbrances		8,055
Unencumbered Balance		11,945

Date First Appropriation FY 11		
First Cost Estimate		
Current Scope	FY 17	41,000
Last FY's Cost Estimate		38,000

Description

This program provides for an on-going comprehensive effort to ensure that County buildings and other facilities are built and maintained in compliance with Title II of the Americans with Disabilities Act (ADA) and the ADA 2010 Standards for Accessible Design (2010 Standards). This program includes both the correction of deficiencies identified by the United States Department of Justice (DOJ) during its proactive Project Civic Access (PCA) assessment of County facilities, an assessment by the County of all County government buildings and facilities not included in the PCA assessment and remediation of any deficiencies identified by those assessments. The program also includes policy development, advanced technical training for County architects and engineers to ensure that ADA compliance and accessibility are incorporated throughout the County's planning, staff training, design and construction process in order to ensure that County facilities are fully compliant with Title II of the ADA. In September 2010 revised Title II ADA regulations, including the 2010 Standards, were issued by DOJ. The new 2010 Standards include revisions to the 1991 ADA Accessibility Guideline (ADAAG) standards and supplemental standards for features not addressed in the 1991 ADAAG including pools, recreation facilities, ball fields, locker rooms, exercise rooms, picnic areas, golf courses, playgrounds and residential housing. The Title II ADA regulations require jurisdictions to proactively address the supplemental standards by bringing all features addressed in the supplemental standards into compliance with the 2010 Standards.

Estimated Schedule

FY17: 14701 Avery Road, Conference Center, Kennedy Shriver Aquatic Center, Upcounty Regional Service Center, Silver Spring HHS 8800 Georgia Avenue, 14705 Avery Road, MLK Swim Center, Olney Swim Center, Strathmore Arts Center. FY18: 1301 Piccard Drive, Strathmore Music Hall, TESS Community Center, Silver Spring FS#1, Long Branch Library, Avery Road Treatment Center, Clara Barton Community Center, Montgomery Works, Long Branch Pool, Council Office Building, Executive Office Building, Red Brick Court House, Kensington FS#25.

Cost Change

Adjust schedule to reflect current spending levels and add FY21 and FY22.

Justification

Montgomery County was selected by DOJ for a Project Civic Access review in 2006. Project Civic Access is a proactive, ongoing initiative of the Disability Rights Section (DRS) of the DOJ Civil Rights Division to ensure ADA compliance in local and state governments throughout the country. DOJ has completed reviews and signed settlement agreements with over 150 jurisdictions to date. DOJ has inspected approximately 112 County government buildings and facilities. In addition, they have inspected polling places, ballfields, golf courses, and local parks. Montgomery County signed a legally binding settlement agreement to address the findings in August, 2011. MNCPPC was a co-signer of the Agreement. The Agreement requires the County to remediate all problems identified by DOJ within a negotiated timeline and to survey all remaining buildings, facilities and programs not surveyed by DOJ. Programs and facilities must be surveyed within a three year time frame, with approximately 80 completed each year. The County is required to send a report of its findings to DOJ each year with a proposed remediation plan and timeline.

Disclosures

Americans with Disabilities Act (ADA): Compliance (P361107)

Expenditures will continue indefinitely.

Coordination

United States Department of Justice, Department of Health and Human Services, Department of Transportation, County Attorney's Office, Montgomery County Public Schools, Revenue Authority, Maryland-National Capital Park and Planning Commission, Department of General Services, Montgomery County Public Schools

Asbestos Abatement: MCG (P508728)

Category General Government
 Sub Category County Offices and Other Improvements
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	149	41	0	108	18	18	18	18	18	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	29	0	29	0	0	0	0	0	0	0
Construction	696	65	139	492	82	82	82	82	82	0
Other	0	0	0	0	0	0	0	0	0	0
Total	874	106	168	600	100	100	100	100	100	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	874	106	168	600	100	100	100	100	100	0
Total	874	106	168	600	100	100	100	100	100	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	100
Appropriation Request Est.	FY 18	100
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		274
Expenditure / Encumbrances		172
Unencumbered Balance		102

Date First Appropriation	FY 96
First Cost Estimate	
Current Scope	FY 17 874
Last FY's Cost Estimate	834

Description

This project provides for the identification, management, control, and if required, removal of asbestos containing materials (ACM) from County facilities. Also included are costs associated with the removal of these materials, such as material replacement and facility repairs, when required. This project also provides for the removal of other environmental hazards such as lead based paint.

Cost Change

Increase is due to the addition of FY21 and FY22 to this ongoing project and is partially offset by the capitalization of prior expenditures.

Justification

Asbestos containing materials which have become damaged, or may be disturbed during building renovation or demolition, must be removed or abated. If these materials are not removed, they may become friable, releasing asbestos fibers into the air. Inhaled asbestos fibers may cause health impairments, such as asbestosis, lung, and other types of cancers. Therefore, removing the asbestos containing materials prior to a renovation eliminates the release of asbestos fibers into the building ventilation system and inhalation of asbestos fibers by building occupants or renovation contractors. Neither contractors nor workers will perform renovations until asbestos is removed because of the health risk to the workers and the associated liability risk to the contractors. Asbestos and other hazardous materials abatement is performed only by specialty contractors, donning protective clothing and respiratory protection. Asbestos abatement workers are also required to attend specialized training and follow decontamination procedures. The asbestos removal must be performed within an isolated airtight plastic containment vessel, under negative air pressure, as required by Federal and State regulation. Estimated project costs reflect these requirements and removal procedures. The primary targets of this project are County-owned facilities constructed prior to 1978. Bulk material samples and air samples are taken to verify that removal actions are in compliance with regulatory guidelines. Asbestos Abatement is currently also being included in stand-alone renovation projects and in the roof replacement project for County Government. The asbestos survey of County facilities, conducted in FY88, is the basis of the current work program. Revisions to this work plan are made based on periodic ACM inspection, in support of facility renovation, or in response to any unidentified ACM which may be encountered in the course of a maintenance activity.

Disclosures

Expenditures will continue indefinitely.

Coordination

Department of General Services, PLAR: Planned Lifecycle Asset Replacement

Building Envelope Repair (P361501)

Category
Sub Category
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
General Services (AAGE29)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	156	16	20	120	20	20	20	20	20	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	8,009	0	2,129	5,880	980	980	980	980	980	0
Other	0	0	0	0	0	0	0	0	0	0
Total	8,165	16	2,149	6,000	1,000	1,000	1,000	1,000	1,000	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	8,165	16	2,149	6,000	1,000	1,000	1,000	1,000	1,000	0
Total	8,165	16	2,149	6,000	1,000	1,000	1,000	1,000	1,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,000
Appropriation Request Est.	FY 18	1,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,165
Expenditure / Encumbrances		16
Unencumbered Balance		2,149

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 17 8,165
Last FY's Cost Estimate	6,165

Description

This level of effort project is needed to maintain the County's building infrastructure. This project funds the wholesale replacement of aged and outdated building envelope systems including the replacement of windows, exterior doors, siding, exterior walls, and weatherproofing. While the Planned Lifecycle Asset Replacement (PLAR) CIP project provides for incidental building envelope replacements, this project provides for a systematic wholesale replacement to maintain the building envelope, protect the building integrity, and allow for continued full and efficient use of County buildings.

Estimated Schedule

FY17: Colesville Health Center windows, Pre-Release Center entry doors. FY18: 401 Hungerford Drive, 1301 Piccard Drive glass "sun rooms".

Cost Change

Increase is due to addition of FY21-22.

Justification

Window replacements, siding replacements, and exterior door replacements are critical to protect the life of a facility. Windows and doors can eliminate drafts to improve both comfort and energy efficiency. Siding protects the facility by eliminating potential leaks that can lead to damage of other facility components as well as creating health issues such as mold growth.

Other

Building envelope repairs have been neglected for many years. Many facilities still have single and/or double pane glass and are poorly sealed, leading to energy loss. Many exterior metal doors are rusted and frequently fail to close and latch which creates a safety hazard. Renovations will address leaks around windows and doors and will provide improved energy efficiency.

Disclosures

Expenditures will continue indefinitely.

Coordination

Department of General Services, Departments affected by building envelope repair projects

Council Office Building Garage (P011601)

Category
Sub Category
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
General Services (AAGE29)
Rockville

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/19/16
No
None
Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	875	0	159	716	395	263	58	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	3,884	0	0	3,884	1,748	2,136	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	4,759	0	159	4,600	2,143	2,399	58	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	4,759	0	159	4,600	2,143	2,399	58	0	0	0	0
Total	4,759	0	159	4,600	2,143	2,399	58	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,759
Expenditure / Encumbrances		0
Unencumbered Balance		4,759

Date First Appropriation	
First Cost Estimate	
Current Scope	FY 16 4,759
Last FY's Cost Estimate	4,753

Description

The project provides for the design and construction of repairs to the Council Office Building Garage (COBG). Repairs include, but are not limited to, concrete deck, structural steel, drains, post-tensioned concrete tendons, curbs, painting of structural steel, and a new waterproof membrane. The project will be completed in phases in order to keep the garage open in continuous operation. Each phase will require closing approximately 100 parking spaces for construction.

Location

Rockville Core

Estimated Schedule

The project is expected to take 32 months to complete.

Justification

Montgomery County Department of General Services contracted with an independent consultant to assess the condition of the COB garage. The Council Office Building Parking Garage Condition Assessment dated August 10, 2015 provides recommendations for various repairs.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

County Council, Department of Technology Services, Department of Police, Department of General Services, Department of Transportation, Department of Fire Rescue Services, Office of Management and Budget, City of Rockville, and Montgomery County Circuit Court

Council Office Building Renovations (P010100)

Category General Government
 Sub Category County Offices and Other Improvements
 Administering Agency General Services (AAGE29)
 Planning Area Rockville

Date Last Modified 5/4/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Bids Let

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,553	669	334	1,550	1,000	550	0	0	0	0
Land	4	4	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2	2	0	0	0	0	0	0	0	0
Construction	36,414	3,272	293	32,849	19,785	13,064	0	0	0	0
Other	1,218	8	0	1,210	610	600	0	0	0	0
Total	40,191	3,955	627	35,609	21,395	14,214	0	0	0	0

FUNDING SCHEDULE (\$000s)

Cable TV	952	900	0	52	0	52	0	0	0	0
G.O. Bonds	35,932	3,048	627	32,257	18,095	14,162	0	0	0	0
Long-Term Financing	3,300	0	0	3,300	3,300	0	0	0	0	0
PAYGO	7	7	0	0	0	0	0	0	0	0
Total	40,191	3,955	627	35,609	21,395	14,214	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	4,275
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		35,916
Expenditure / Encumbrances		3,955
Unencumbered Balance		31,961

Date First Appropriation	FY 05
First Cost Estimate	
Current Scope	FY 16 40,191
Last FY's Cost Estimate	35,916

Description

This project is in two phases. The first phase renovated the hearing room, conference room, and anteroom on the third floor of the Council Office Building (COB) which had not been renovated in at least 30 years. The first phase was completed in 2009. The second phase replaces the HVAC system, the lighting systems, windows in the rest of the COB, upgrades restrooms to ADA standards, renovates the auditorium on the first floor, provides improved signage inside and outside the buildings, refreshes common areas, and reconfigures space on the fourth, fifth, and sixth floors for the Council Office and the Office of Legislative Oversight (OLO) staff.

Estimated Schedule

Design/Build/ESPC Contract Award expected in Spring 2016, construction starts in fall 2016, and completion in fall 2017.

Justification

Heating ventilation, and air condition in the COB function poorly, and most of the restrooms are not compliance with updated ADA standards or high performance building standards. The Council Office and OLO have far outgrown their space since it was last reconfigured more than 25 years ago. The 1st Floor Auditorium, which is used regularly for County Government staff training and as a meeting place by civic organizations, is extremely substandard.

Fiscal Note

The second phase of the project is partially funded with a \$184,000 unencumbered balance from the first phase and a FY15 transfer of \$2,993,000 in GO Bonds from the Montgomery County Government Complex (360901). A FY15 supplemental of \$296,000 in GO Bonds occurred. An audit by Energy Service Company (ESCO) has been conducted, and it has determined that \$3.3 million in savings can be anticipated from this project. An Energy Savings Performance Contract (ESPC) will allow for third-party funding to cover this portion of the contract, so that no General Obligation Bonds are required for it. A financing mechanism is initiated to cover the cost of the contract and the repayment of debt is guaranteed through the energy savings.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

County Council, Department of General Services, Department of Technology Services, Legislative Branch Office, Office of Consumer Protection, Department of Housing and Community Affairs, Ethics Commission. Special Capital Projects Legislation was enacted on June 23, 2015 and signed into law on July 6, 2015 (Bill No. 27-15).

Elevator Modernization (P509923)

Category
Sub Category
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
General Services (AAGE29)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,968	1,895	173	900	150	150	150	150	150	150	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	365	365	0	0	0	0	0	0	0	0	0
Construction	14,193	3,768	5,325	5,100	850	850	850	850	850	850	0
Other	128	128	0	0	0	0	0	0	0	0	0
Total	17,654	6,156	5,498	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	17,654	6,156	5,498	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Total	17,654	6,156	5,498	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,000
Appropriation Request Est.	FY 18	1,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		11,654
Expenditure / Encumbrances		6,341
Unencumbered Balance		5,313

Date First Appropriation	FY 99
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	17,654

Description

This project provides for the orderly replacement/renovation of aging and outdated elevator systems in County-owned buildings. This project also includes periodic condition assessments of elevator systems in County buildings.

Estimated Schedule

FY17: Long Wood Community Center, Public Safety Headquarters, Police Evidence Lift and Dock Lift. FY18: Montgomery County Detention Center, Strathmore Mansion.

Cost Change

Increase is due to the addition of FY21 and FY22 to this ongoing project.

Justification

Many elevator systems in County buildings are inefficient, outdated, and beyond economic repair. The useful life of heavy use equipment (hoist, machine motor generation set, governor, controls, car safety devices, door operator, rails, air conditioning pump units, car buffers, door hardware, etc.) has been exhausted. The existing maintenance program is only capable of keeping the elevator operational, since spare parts are not always readily available in the market, resulting in increased shut down time, greater energy consumption, and higher maintenance costs. Renovation/replacement of aging and outdated elevator systems improves reliability, energy conservation, safety, and code compliance. Facility condition assessments of 73 County facilities, completed by a consultant in FY05, FY06, and FY07, have been used to prioritize the six-year program. The March 2010 Report of the Infrastructure Maintenance Task Force, identified an annual level of effort for elevator modernization based on a 25-year lifespan.

Disclosures

Expenditures will continue indefinitely.

Coordination

Departments affected by Elevator Modernization projects, Department of General Services

Energy Conservation: MCG (P507834)

Category
Sub Category
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
General Services (AAGE29)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	289	23	68	198	33	33	33	33	33	33	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	35	0	35	0	0	0	0	0	0	0	0
Construction	1,239	0	537	702	117	117	117	117	117	117	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,563	23	640	900	150	150	150	150	150	150	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	4	0	4	0	0	0	0	0	0	0	0
G.O. Bonds	1,559	23	636	900	150	150	150	150	150	150	0
Total	1,563	23	640	900	150	150	150	150	150	150	0

OPERATING BUDGET IMPACT (\$000s)

Energy				-242	-42	-40	-40	-40	-40	-40	-40
Net Impact				-242	-42	-40	-40	-40	-40	-40	-40

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	150
Appropriation Request Est.	FY 18	150
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		663
Expenditure / Encumbrances		236
Unencumbered Balance		427

Date First Appropriation FY 78		
First Cost Estimate		
Current Scope	FY 17	1,563
Last FY's Cost Estimate		1,310

Description

The project supports efforts yielding rapid financial returns to the County or substantial progress towards established environmental goals, such as energy savings, renewable energy installations, greenhouse gas reductions, waste diversion. The County conducted energy assessments and other analysis to identify resource and cost savings opportunities in County facilities that will inform project scheduling. In addition, the County is preparing a comprehensive sustainability plan with specific programs and actions to reduce the environmental footprint of County operations and reduce costs. This project will provide funds to target rapid return on investment energy conservation projects; provide ancillary funds to support the installation of solar photovoltaic systems on County facilities; augment other energy conservation projects (e.g., funding incremental costs of higher efficiency equipment); support energy and sustainability master planning for County facilities and operations; leverage federal, state, local grant funding; and provide funds to leverage public private partnerships and third party resources.

Estimated Schedule

FY17: Potomac Library control upgrades. FY18: Little Falls Library control upgrades.

Cost Change

Increase due to funding for FY21-22.

Justification

This program is integral to the County's cost-containment efforts. Generally, projects will pay for themselves in one to ten years, with short payback initiatives being targeted to reduce pressure on the FY17 and FY18 budgets. The program also funds incremental costs in staff, planning, contractor support, analytics and other efforts to allow the County's overall energy and sustainability projects to be more impactful. The program is necessary to fulfill the mandate of the County's building energy design standards (8-14a), Council Bill 2-14 Energy Performance Benchmarking, Council Bill 5-14 Social Cost of Carbon, Council Bill 6-14 Office of Sustainability, and Council Bill 8-14 Renewable Energy Technology. Significant reductions in energy consumption, greenhouse gas emissions, solid waste, water consumption, and maintenance are expected.

Fiscal Note

In FY15, \$300,000 in GO Bonds was transferred to Energy Conservation:MCG (507834) from Silver Spring Civic Building-#159921 (\$118,000), 1301 Piccard Loading Dock-#361205 (\$64,000), Germantown Library Reuse- #500710 (\$51,000), and Montgomery County Government Complex-#360901 (\$67,000)

Disclosures

Expenditures will continue indefinitely.

Coordination

Energy Conservation Work Program - Energy Star Upgrades, Department of General Services, Department of Environmental Protection

Energy Systems Modernization (P361302)

Category General Government
 Sub Category County Offices and Other Improvements
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 5/12/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	6,400	153	4,447	1,800	300	300	300	300	300	300	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	95,999	4,193	31,806	60,000	10,000	10,000	10,000	10,000	10,000	10,000	0
Other	1	1	0	0	0	0	0	0	0	0	0
Total	102,400	4,347	36,253	61,800	10,300	10,300	10,300	10,300	10,300	10,300	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	2,400	39	561	1,800	300	300	300	300	300	300	0
Long-Term Financing	100,000	4,308	35,692	60,000	10,000	10,000	10,000	10,000	10,000	10,000	0
Total	102,400	4,347	36,253	61,800	10,300	10,300	10,300	10,300	10,300	10,300	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	10,300
Appropriation Request Est.	FY 18	10,300
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		40,600
Expenditure / Encumbrances		4,407
Unencumbered Balance		36,193

Date First Appropriation	FY 13
First Cost Estimate	
Current Scope	FY 17 102,400
Last FY's Cost Estimate	81,800

Description

This project provides a means to implement energy savings performance contracting as a mechanism to reduce the County's energy usage and perform strategic facility upgrades with significantly reduced capital costs. These contracts performed by Energy Services Companies (ESCOs) have been used extensively by the federal government and other state and local jurisdictions to accomplish energy saving retrofits in a variety of facility applications. For each facility proposed, a unique prescriptive energy conservation analysis (audit) is conducted. Savings are associated with each element (energy conservation measure) of the analysis. Ultimately, the compilation of the measures defines the project. Third party funding (bonds or commercial loans) covers the cost of the contract. A key feature of Energy Savings Performance Contracts (ESPC) is that no General Obligation (G.O.) bonds are required for the contract and construction costs. A financing mechanism is initiated to cover the cost of the contract and the repayment of the debt is guaranteed through the energy savings. G.O. Bonds are required to cover associated staffing costs.

Estimated Schedule

FY17 and FY18: 1301 Piccard, Pre-Release Center, Longwood Community Recreation Center, 8818 Georgia Ave, Kensington Park Library, Aspen Hill Library, UpCounty Regional Services Center

Cost Change

Increase due to funding for FY21-22.

Justification

Implementation of this project is consistent with the County's continuing objective to accomplish environmentally friendly initiatives as well as limit the level of G.O. Bonds. The ultimate objective of the individual building projects is to permanently lower the County's energy usage, reduce its carbon footprint and save considerable operating expenses.

Other

The proposals outlined in this program are developed in conjunction with the Department of General Services, the Department of Finance, and the Office of Management and Budget. Financial consultants will be employed to advise and guide the financial decisions. Projects will be implemented based on the potential for energy savings as well as operational and infrastructure upgrades.

Coordination

Department of General Services, Department of Finance, Office of Management and Budget

Environmental Compliance: MCG (P500918)

Category
Sub Category
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
General Services (AAGE29)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	3,520	1,302	720	1,498	247	251	250	250	250	250	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	675	675	0	0	0	0	0	0	0	0	0
Construction	12,455	4,066	1,489	6,900	1,150	1,150	1,150	1,150	1,150	1,150	0
Other	2,393	2,393	0	0	0	0	0	0	0	0	0
Total	19,043	8,436	2,209	8,398	1,397	1,401	1,400	1,400	1,400	1,400	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	18,913	8,436	2,079	8,398	1,397	1,401	1,400	1,400	1,400	1,400	0
Water Quality Protection Charge	130	0	130	0	0	0	0	0	0	0	0
Total	19,043	8,436	2,209	8,398	1,397	1,401	1,400	1,400	1,400	1,400	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,397
Appropriation Request Est.	FY 18	1,401
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		10,645
Expenditure / Encumbrances		8,701
Unencumbered Balance		1,944

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	19,043
	16,243

Description

This project develops and implements plans for the prevention of pollution and the abatement and containment of potential pollution sources at County facilities - including the Department of Transportation, the Department of General Services depots and maintenance shops - as well as other county facilities and offices. This project provides for the design and construction of structural covered areas to ensure appropriate storage of hazardous materials and potential pollution sources at County depots. Work will also include replacement of the salt barns at County depots and addressing environmental compliance issues of Underground Storage Tanks (USTs) and associated piping at County facilities.

Estimated Schedule

FY17: Removal and replacement of the UST at Colesville Depot FY18: Construction of water quality improvements and bulk material structure 1 of 3 at Silver Spring Depot

Cost Change

Funding increase due to addition of FY21 and FY22.

Justification

This project is supported by the Pollution Prevention Plan (P2) for County facilities and the Storm Water Pollution Prevention Plans (SWPPP) for County facilities to comply with aspects of the Federal Clean Water Act National Pollutant Discharge Elimination System (NPDES) Notice of Intent (NOI). Each of the County maintenance facilities must implement appropriate pollution prevention techniques to reduce contamination of stormwater runoff. Covered areas are required under the NPDES for all hazardous products and liquid drums that are stored outside to avoid the potential of drum deterioration, leakage and/or runoff contamination. Structural improvements of covered areas and salt barn structures are scheduled at the Silver Spring, Poolesville, and Bethesda Depots. This project also includes efforts to address environmental compliance issues of UST's and associated piping at County facilities.

Coordination

Department of General Services, Department of Transportation, Department of Permitting Services, Department of Environmental Protection, Maryland Department of the Environment

EOB HVAC Renovation (P361103)

Category General Government
 Sub Category County Offices and Other Improvements
 Administering Agency General Services (AAGE29)
 Planning Area Rockville

Date Last Modified 5/19/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	8,000	0	0	8,000	0	0	2,000	6,000	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	8,000	0	0	8,000	0	0	2,000	6,000	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	8,000	0	0	8,000	0	0	2,000	6,000	0	0
Total	8,000	0	0	8,000	0	0	2,000	6,000	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 14 8,000
Last FY's Cost Estimate	8,000

Description

This project provides for the procurement and partial compensation of an Energy Service Company (ESCO) to replace the outdated and energy-inefficient HVAC systems in the Executive Office Building (EOB) located at 101 Monroe Street, Rockville, Maryland. The ESCO analyzes, designs, and constructs the energy-efficient Heating Ventilation, and Air Conditioning (HVAC) replacement systems. In return, the ESCO receives a portion of the saved energy costs in addition to direct compensation.

Location

101 Monroe St. Rockville, MD

Estimated Schedule

The ESCO analysis and design has been rescheduled to occur in FY20 with an agreement with the ESCO and construction occurring in FY20 and 21.

Justification

The EOB was built in 1979, and its HVAC system is over 30 years old. In 2006, the Department of General Services hired a consultant (URS Inc.) to conduct a condition assessment study to identify the condition of the HVAC system. The outcome of this study indicated that all equipment and components have reached the end of their economic life expectancy. Moreover, the existing all electric heating system is highly inefficient and is costly to operate. The consultant study recommended that the entire HVAC system be redesigned with state-of-the-art-technology, highly efficient equipment, and be replaced in its entirety. The ESCO approach to this project saves the County considerable upfront costs.

Fiscal Note

Project has been delayed due to fiscal affordability.

Coordination

Department of General Services, City of Rockville, Offices of the County Executive, Department of Technology Services, Department of Finance, Montgomery County Fire and Rescue Service, Department of Human Resources, Office of Management and Budget, Department of Transportation, Washington Gas, WSSC, PEPCO

Facilities Site Selection: MCG (P500152)

Category
Sub Category
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
General Services (AAGE29)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/4/16
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	410	150	110	150	25	25	25	25	25	0
Land	106	106	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	3	3	0	0	0	0	0	0	0	0
Total	519	259	110	150	25	25	25	25	25	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	519	259	110	150	25	25	25	25	25	0
Total	519	259	110	150	25	25	25	25	25	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	25
Appropriation Request Est.	FY 18	25
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		369
Expenditure / Encumbrances		259
Unencumbered Balance		110

Date First Appropriation	FY 01
First Cost Estimate	
Current Scope	FY 17 519
Last FY's Cost Estimate	469

Description

This project provides for site selection for the following candidate projects: Clarksburg Library, Damascus Depot Relocation, Clarksburg Community Recreation and Aquatic Center, and East County HHS Facility and other site selection activities such as appraisals, geotechnical services, environmental studies, and surveys. Other sites that could be considered for site selection analysis are the Silver Spring Community Recreation and Aquatic Center, Supply and Evidence Facility, and Land for Facility Reforestation.

Cost Change

Increase due to the addition of FY21 and FY22 to this ongoing project.

Other

These funds will be used for site selection only. No land will be purchased without notice to the County Council that must include the reasons why the proposed site is appropriate for the specific project being planned, including the expected size of the facility and how the site is responsive to community needs. Any land acquisition will be funded initially through ALARF: MCG, then reimbursed by a future appropriation from the specific project. The County Executive will work with the Maryland-National Capital Park and Planning Commission staff to review future facility needs in master plans and department strategic plans to identify sites beyond those for projects in facility planning and the current CIP for acquisition.

Coordination

Department of Police, Department of Public Libraries, Department of General Services, Department of Recreation, Department of Fire/Rescue services, Department of Transportation, Maryland-National Capital Park and Planning Commission, Office of Management and Budget, Regional Services Centers

Facility Planning: MCG (P508768)

Category General Government
 Sub Category County Offices and Other Improvements
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	9,987	8,007	420	1,560	360	160	260	260	260	260	0
Land	87	87	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	7	7	0	0	0	0	0	0	0	0	0
Construction	233	233	0	0	0	0	0	0	0	0	0
Other	221	221	0	0	0	0	0	0	0	0	0
Total	10,535	8,555	420	1,560	360	160	260	260	260	260	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	9,890	7,910	420	1,560	360	160	260	260	260	260	0
G.O. Bonds	625	625	0	0	0	0	0	0	0	0	0
Solid Waste Disposal Fund	20	20	0	0	0	0	0	0	0	0	0
Total	10,535	8,555	420	1,560	360	160	260	260	260	260	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	360
Appropriation Request Est.	FY 18	160
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		8,975
Expenditure / Encumbrances		8,602
Unencumbered Balance		373

Date First Appropriation	FY 87
First Cost Estimate	
Current Scope	FY 17 10,535
Last FY's Cost Estimate	10,015

Description

This project provides for general government facility planning studies for a variety of projects under consideration in the CIP. In addition, facility planning serves as a transition stage for a project between the master plan or conceptual stage and its inclusion as a stand-alone project in the CIP. Prior to the establishment of a stand-alone project, Montgomery County develops a Program of Requirements (POR) that outlines the general and specific features required on the project. Selected projects range in type including: new buildings, renovation of existing buildings, stormwater management, and recycling centers. Facility planning is a decision making process that includes the determination of the purpose of and need for a candidate project, a rigorous investigation of non-County sources of funding, and an estimate of the cost of the design and an estimated range of the cost of construction of the project. Facility planning represents planning and preliminary design and develops a POR in advance of full programming of a project in the CIP. Depending upon the results of a facility planning determination of purpose and need, a project may or may not proceed to design and construction. For a full description of the facility planning process, see the CIP Planning Section.

Cost Change

Increase is due to the addition of FY21 and FY22 to this ongoing project.

Justification

Facility planning costs for projects which ultimately become stand-alone projects are included here. These costs will not be reflected in the resulting individual project.

Other

The study proposals under this program are developed in conjunction with program departments, the Department of General Services, the Office of Management and Budget (OMB), and consultants to ensure accurate program requirements. Planning studies are underway or to be completed in FY17 or FY18 are listed on the next page. This list includes projects that will potentially be considered for inclusion as stand alone projects in the FY21-22 CIP. Other projects not listed may be planned under urgent situations. Planning for future fire stations will be considered if response time or population data warrant such a need.

Fiscal Note

Funds may also be used to explore opportunities in the event a private developer expresses interest in County property.

Disclosures

Expenditures will continue indefinitely.

Coordination

Department of Environmental Protection, Department of General Services, Department of Correction and Rehabilitation, Department of Fire and Rescue Services, Department of Police, Department of Health and Human Services, Department of Recreation, Department of Public Libraries, Circuit Court, Office of Management and Budget, Commission on People with Disabilities, Montgomery County Pedestrian Safety Advisory Committee

Facility Planning: MCG No. 508768

Planning Studies underway or candidate projects to be completed during FY17 and FY18

Candidate Projects

Grey Courthouse
Rockville Core Parking
Bushey Drive Reuse
Silver Spring Library Reuse
Clarksburg Library
Poolesville Depot Improvements
Damascus Depot Improvements
Noyes Library
Clarksburg Community Recreation and Aquatic Center
Seven Locks Signal Shop (Building C)
Olney Civic Commons
Shady Grove Fire Station
Montgomery Hills Fire Station
Wheaton Arts and Humanities Center

Studies Underway

White Flint Fire Station
Public Safety Communications System (to include the Emergency Operations Center)

As redevelopment opportunities occur, County facilities in need of rehabilitation and/or expansion may be considered for facility planning to leverage non-County funding. Examples of properties where this could occur include the 4th and 5th District Police Stations.

As refresh opportunities occur, County facilities in need of rehabilitation may be considered for facility planning.

HVAC/Elec Replacement: MCG (P508941)

Category
Sub Category
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
General Services (AAGE29)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/12/16
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,001	176	475	1,350	225	225	225	225	225	225	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,208	1,208	0	0	0	0	0	0	0	0	0
Construction	10,722	97	1,775	8,850	925	925	925	2,025	2,025	2,025	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	13,931	1,481	2,250	10,200	1,150	1,150	1,150	2,250	2,250	2,250	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	13,931	1,481	2,250	10,200	1,150	1,150	1,150	2,250	2,250	2,250	0
Total	13,931	1,481	2,250	10,200	1,150	1,150	1,150	2,250	2,250	2,250	0

OPERATING BUDGET IMPACT (\$000s)

Energy				-561	-51	-68	-85	-102	-119	-136
Net Impact				-561	-51	-68	-85	-102	-119	-136

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,135
Appropriation Request Est.	FY 18	1,150
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,746
Expenditure / Encumbrances		1,979
Unencumbered Balance		1,767

Date First Appropriation	FY 96
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	9,781

Description

This project provides for the orderly replacement/renovation of outdated Heating, Ventilation, and Air Conditioning (HVAC) systems and electrical systems in County buildings. The Department of General Services (DGS) currently oversees, monitors and provides services for operation of the mechanical, electrical and fire protection systems of 250 County facilities with approximately 12 million square feet of occupied space. The project requires periodic condition assessments and renovation of the HVAC, plumbing, electrical, and control systems and equipment; overhauling the air distribution systems; electrical service upgrades.

Estimated Schedule

FY17: Grey Brick Courthouse boilers, MCCF boilers, Strathmore Mansion chillers, Shady Grove Kidstop Furnaces and A/C, Holiday Park Senior Center HVAC equipment replacements, PSHQ air handler and control upgrades. FY18: MCCF boilers, ECC upgrade data center HVAC, AFI Theater HVAC upgrades, Olney Pool HVAC replacement.

Cost Change

Increase due to the addition of FY21 and FY22 to this ongoing project.

Justification

Many HVAC, plumbing and electrical systems in County-owned buildings are outdated and well beyond economical repair, particularly in buildings which have not been renovated in many years. In the life of the buildings, the HVAC, plumbing and electrical systems require major renovation or replacement at least once every 25 years. These renovations will not only significantly extend the life of the County buildings, but convert the old mechanical/electrical systems to state-of-the-art energy efficient systems which improves indoor air quality. It conserves energy and saves resources. The criteria for selecting the County facilities for systems renovation or replacement include: mechanical/electrical systems degradation, high maintenance costs, high energy consumption, current code compliance, indoor air quality, and major change of the functional use of the building. Occupational Safety and Health Administration (OSHA) has issued proposed rules for providing quality of indoor air in the work place (OSHA 29 CFR parts 1910, 1915, and 1926). The rules require indoor air quality (IAQ) compliance plans to be implemented. The results of a facility condition assessment of 73 County facilities completed by a consultant in FY05, FY06 and FY07 have been used to prioritize the six-year program. The March 2010 Report of the Infrastructure Maintenance Task Force, identified an annual level of effort for HVAC/electrical replacement based on a 25 year life span.

Disclosures

Expenditures will continue indefinitely.

Coordination

Department of General Services, Departments affected by HVAC projects

Life Safety Systems: MCG (P509970)

Category General Government
 Sub Category County Offices and Other Improvements
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,626	887	319	420	70	70	70	70	70	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	886	886	0	0	0	0	0	0	0	0
Construction	7,021	1,720	1,971	3,330	555	555	555	555	555	0
Other	905	905	0	0	0	0	0	0	0	0
Total	10,438	4,398	2,290	3,750	625	625	625	625	625	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	10,438	4,398	2,290	3,750	625	625	625	625	625	0
Total	10,438	4,398	2,290	3,750	625	625	625	625	625	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	625
Appropriation Request Est.	FY 18	625
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		6,688
Expenditure / Encumbrances		4,765
Unencumbered Balance		1,923

Date First Appropriation	FY 99
First Cost Estimate	
Current Scope	FY 17 10,438
Last FY's Cost Estimate	9,188

Description

This project provides funding for installation of modern life safety systems to protect the County's facilities and to protect buildings in the event of fire emergencies. Implementation of this project will help to minimize the dangers to life from fire, including smoke and fumes. The scope of the project encompasses fire alarms with voice addressable capabilities, sprinklers for fire suppression, fire and smoke detection, smoke control systems, and emergency generators.

Estimated Schedule

FY17: Montgomery County Detention Center, Public Safety Communications Center, Sign Shop, Potomac Community RC, Martin Luther King Jr Swim Center. FY18: Signal Shop, Damascus Library, Red Brick Court House, Twinbrook Library, White Oak Library, Jane Lawton Community Center, Strathmore Mansion.

Cost Change

Cost increases is due to addition of FY21-22 expenditures.

Justification

Numerous existing facilities are in need of modern, basic life safety systems. In many older facilities, there are no emergency generators, fire alarms or sprinklers. Emergency generators are critical to support fire alarms and fire pumps during power outages. Some facilities are 24-hour residential facilities. In case of fire, there could be a significant potential exposure to loss of life and property. Most of the facilities do not meet code and have outdated fire alarm systems for which spare parts are no longer available and which can no longer be kept in reliable operation. Many of these County facilities were built years ago, and thus, were grandfathered under the fire code since the occupancy category has not changed. The outdated systems need to be replaced and upgraded to provide improved protection to County employees and County properties. "The Third Report of the Infrastructure Maintenance Task Force (March 2010)," identified an annual level of effort for life safety systems based on a 25-year lifespan.

Disclosures

Expenditures will continue indefinitely.

Coordination

Departments affected by Life Safety Systems projects, Department of General Services

MCPS Bus Depot and Maintenance Relocation (P360903)

Category General Government
 Sub Category County Offices and Other Improvements
 Administering Agency General Services (AAGE29)
 Planning Area North Central Transit Corridor

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	500	111	39	350	175	175	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	6,000	0	0	6,000	6,000	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	27,000	0	27,000	0	0	0	0	0	0	0
Total	33,500	111	27,039	6,350	6,175	175	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	6,500	111	39	6,350	6,175	175	0	0	0	0
Interim Finance	0	0	27,000	-27,000	-27,000	0	0	0	0	0
Land Sale	27,000	0	0	27,000	27,000	0	0	0	0	0
Total	33,500	111	27,039	6,350	6,175	175	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	6,175
Appropriation Request Est.	FY 18	175
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		27,150
Expenditure / Encumbrances		111
Unencumbered Balance		27,039

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	33,500
	150

Description

This project is part of the Smart Growth Initiative program and provides for a comprehensive feasibility study and planning for the relocation of the Montgomery County Public Schools Bus Depot from the County Service Park on Crabbs Branch Way. The project includes acquisition of several sites for MCPS bus parking facilities to accommodate displaced buses when the site is redeveloped. It also includes staff supervision, consultant costs, demolition of existing improvements and environmental clean up of the east side of Crabbs Branch Way.

Location

East side of Crabbs Branch Way north of Shady Grove.

Estimated Schedule

Relocation of buses to occur in FY16. Demolition and environmental clean up to occur in FY17.

Cost Change

Increase due to the addition of modification of interim sites.

Justification

In order to implement the County's Shady Grove Sector Plan which would capitalize on the existing investment in mass transit by creating a transit-oriented development community, the County Service Park must be relocated. Relocation of the facilities at the County Service Park will enable the County to realize both the transit oriented development intended for the area and address unmet needs. The County is faced with aging facilities that require extensive investment of funds to meet our needs. With the age of some of the facilities, the extent of the required investment must be weighed against the long-term ability of the facilities to satisfy current and future County needs. Plans and studies for this project include: M-NCPPC Shady Grove Sector Plan, approved by the Montgomery County Council, January 2006, adopted by the M-NCPPC, March 15, 2006; Montgomery County Property Use Study Updated Briefing to County Council, April 29, 2008 (based on Staubach Reports); Montgomery County Smart Growth Initiative Update to County Council, September 23, 2008.

Other

The project provides for only the planning phase. Final construction costs will be determined during the design development phase. The Executive must notify the Council and the Board of Education in writing ten days before transferring funds from any other CIP project into this project. The Executive must describe the expected use of the transferred funds.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Department of General Services, Department of Transportation, Montgomery County Public Schools, Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Department of Finance, Department of Technology Services, Office of Management and Budget, Washington Suburban Sanitary Commission

Montgomery County Radio Shop Relocation (P360902)

Category General Government
 Sub Category County Offices and Other Improvements
 Administering Agency General Services (AAGE29)
 Planning Area Rockville

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,441	53	8	1,380	608	509	263	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	577	0	0	577	0	337	240	0	0	0	0
Construction	5,412	0	0	5,412	0	3,163	2,249	0	0	0	0
Other	551	0	0	551	0	0	551	0	0	0	0
Total	7,981	53	8	7,920	608	4,009	3,303	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	4,070	53	8	4,009	0	4,009	0	0	0	0	0
Interim Finance	3,911	0	0	3,911	608	0	3,303	0	0	0	0
Total	7,981	53	8	7,920	608	4,009	3,303	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Energy				28	0	0	14	14	0	0
Maintenance				33	0	0	17	17	0	0
Net Impact				62	0	0	31	31	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		7,981
Expenditure / Encumbrances		53
Unencumbered Balance		7,928

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 11 7,981
Last FY's Cost Estimate	7,981

Description

This project is part of the Smart Growth Initiative program and provides for the relocation of the Montgomery County Radio Shop currently located at 16551 Crabbs Branch Way in the Shady Grove Sector, to a County-owned site on Seven Locks Road. The Montgomery County Radio Repair Shop provides radio installation and repair services for the Police, Fire and Rescue, and Transportation departments throughout Montgomery County.

Estimated Schedule

The design phase will commence during the winter of 2017 and is expected to last nine months, followed by approximately six months for bidding, with a construction period of approximately fourteen months.

Justification

In order to implement the County's Shady Grove Sector Plan which would capitalize on the existing investment in mass transit by creating a transit-oriented development community, the County Service Park must be relocated. Relocation of the facilities at the County Service Park will enable the County to realize both the transit-oriented development intended for the area and address unmet needs. The County is faced with aging facilities that require extensive investment of funds to meet its needs. With the age of some of the facilities, the extent of the required investment must be weighed against the long-term ability of the facilities to satisfy current and future County needs. Plans and studies for this project include: M-NCPPC Shady Grove Sector Plan, approved by the Montgomery County Council, January 2006, adopted by the M-NCPPC, March 15, 2006; Montgomery County Property Use Study Updated Briefing to County Council, April 29, 2008 (based on Staubach Reports); Montgomery County Smart Growth Initiative Update to County Council, September 23, 2008.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Department of General Services, Department of Transportation, Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Department of Finance, Department of Technology Services, Office of Management and Budget, Washington Suburban Sanitary Commission, City of Rockville, PEPCO, Washington Gas, Bethesda Regional Services Center

Planned Lifecycle Asset Replacement: MCG (P509514)

Category General Government
 Sub Category County Offices and Other Improvements
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,088	528	0	560	120	120	80	80	80	80	0
Land	15	15	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	368	368	0	0	0	0	0	0	0	0	0
Construction	10,435	431	2,564	7,440	1,380	1,380	1,170	1,170	1,170	1,170	0
Other	9	9	0	0	0	0	0	0	0	0	0
Total	11,915	1,351	2,564	8,000	1,500	1,500	1,250	1,250	1,250	1,250	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	10,564	0	2,564	8,000	1,500	1,500	1,250	1,250	1,250	1,250	0
PAYGO	1,351	1,351	0	0	0	0	0	0	0	0	0
Total	11,915	1,351	2,564	8,000	1,500	1,500	1,250	1,250	1,250	1,250	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,500
Appropriation Request Est.	FY 18	1,500
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,915
Expenditure / Encumbrances		1,743
Unencumbered Balance		2,172

Date First Appropriation	FY 95
First Cost Estimate	
Current Scope	FY 17 11,915
Last FY's Cost Estimate	8,587

Description

This project provides for a comprehensive lifecycle replacement program to protect the County's investment in facilities and to sustain efficient and reliable facility operation. The project is targeted at slowing the deterioration of key facility and site components based on an inventory of their age and condition. The project includes: mechanical/plumbing equipment; lighting system replacement not covered under the Energy Conservation CIP program; and reconstruction of sidewalks and curbs adjacent to County facilities. The scope of this project parallels approved CIP projects of Montgomery County Public Schools, Montgomery College, and the Maryland-National Capital Park and Planning Commission.

Estimated Schedule

FY17: Refresh project (1301 Piccard Drive), Pre-Release Center interior fire doors, PSHQ backflow prevention, Building condition assessment CIP all properties. FY18: Refresh project 8818 Georgia Avenue, Grease interceptors MCDC, Building condition assessment CIP all properties.

Cost Change

Increase is due to the addition of FY21 and FY22 to this ongoing project.

Justification

The County currently has a significant backlog of facility and site components that result from facility age and past deferrals of deficiencies. Various components are outdated, inefficient, and costly to repair. The replacement of components significantly extends the useful life of County facilities. In FY05, FY06 and FY07, the County engaged a consultant to conduct a comprehensive facility condition assessment survey of 73 County facilities, or approximately 30 percent of the County's facility inventory. Based upon the age and condition of each component and industry-accepted component lifetimes, a priority listing of component replacement was developed. The results of the facility condition assessment of 73 County facilities have been used to prioritize the six-year program.

Disclosures

Expenditures will continue indefinitely.

Coordination

Departments affected by PLAR projects, Department of General Services

Public Safety System Modernization (P340901)

Category
Sub Category
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
County Executive (AAGE03)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/3/16
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	9,543	536	5,692	3,315	1,330	1,050	935	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	66,540	0	10,936	55,604	16,118	24,386	15,100	0	0	0
Other	34,733	34,733	0	0	0	0	0	0	0	0
Total	110,816	35,269	16,628	58,919	17,448	25,436	16,035	0	0	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	9,543	4,121	2,107	3,315	1,330	1,050	935	0	0	0
Federal Aid	3,043	2,947	96	0	0	0	0	0	0	0
G.O. Bonds	54,932	1,393	5,935	47,604	12,118	22,386	13,100	0	0	0
Short-Term Financing	43,298	26,808	8,490	8,000	4,000	2,000	2,000	0	0	0
Total	110,816	35,269	16,628	58,919	17,448	25,436	16,035	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				3,600	600	600	600	600	600	600
Program-Staff				1,200	200	200	200	200	200	200
Program-Other				1,584	264	264	264	264	264	264
Net Impact				6,384	1,064	1,064	1,064	1,064	1,064	1,064

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,180
Appropriation Request Est.	FY 18	1,067
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		106,633
Expenditure / Encumbrances		46,924
Unencumbered Balance		59,709

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	109,708

Description

This program will provide for phased upgrades and modernization of computer aided dispatch (CAD), law enforcement records management system (LE RMS), and voice radio systems used primarily by the County's public safety first responder agencies including Police, Fire and Rescue, Sheriff, Corrections and Rehabilitation, and Emergency Management and Homeland Security. The modernization will include replacement of the current CAD/LE RMS system, replacement of public safety mobile and portable radios, upgrade of non-public safety mobile and portable radios, and replacement of core voice radio communications infrastructure. The previously approved Fire Station Alerting System Upgrades project (CIP #451000) was transferred to this project in order to coordinate the upgrades with the new CAD system. The alerting system upgrades will modernize the fire station alerting systems at 43 existing work sites, maintaining the ability to notify fire and rescue stations of emergencies. The alerting system, including audible and data signals, is essential for the notification of an emergency and the dispatch of appropriate response units from the County. As voice, data, and video are beginning to converge to a single platform, this project will provide a pathway to a modern public safety support infrastructure that will enable the County to leverage technology advances and provide efficient and reliable systems for first responders. This project will follow the methodologies and strategies presented in the Public Safety Systems Modernization (PSSM) plan completed in July 2009.

Cost Change

Cost changes due to the continuation of staff resources through FY19 and revised estimates for radio infrastructure.

Justification

Public Safety System Modernization (P340901)

The public safety systems require modernization. The CAD system is reaching the end of useful life and does not meet the County's current operational requirements, impacting the response time of first responders to 9-1-1 calls. The CAD Roadmap Study, completed in March 2009, recommended replacement of the system to address existing shortcomings and prepare for the next generation 9-1-1 systems. The manufacturer's support for the voice radio system has begun to be phased out as of December 31, 2009. Beyond that date, the manufacturer will only continue to provide system support on an as available basis, but will not guarantee the availability of parts or technical resources. The CAD modernization has initiated a detailed planning phase that included the use of industry experts to assist with business process analysis and to develop detailed business and technical requirements for the new CAD system. This process will allow the County to incorporate lessons learned and best practices from other jurisdictions. As more of the County's regional partners migrate to newer voice technologies, it will affect interoperable voice communications. To ensure that the County maintains reliable and effective public safety (voice radio) communications for the operations of its first responders and to sustain communications interoperability for seamless mutual aid among its regional partners, the County needs to implement a project to upgrade and modernize its portable and mobile radio units and subsequently the radio voice communications infrastructure. Acceleration of the public safety radio purchases was initiated to take advantage of a Partial Payment in Lieu of Re-Banding offer from Sprint/Nextel toward the financing of new, upgraded, P-25 compliant public safety radios and to meet the Federal Communications Commission (FCC) mandated 800 MHz frequency rebanding requirements for nationwide public safety radio frequency interoperability. Now, the installation of the new core radio communication infrastructure is needed. The fire station alerting system upgrades were identified as a need under Section 5 of the MCFRS Master Plan (adopted by the County Council in October 2005) and detailed in the Station Alerting and Public Address (SA/PA) System for Fire/Rescue Stations, Rev 1, 2006. This project allows for the continuous and seamless functioning of the alerting systems within each fire station. A preliminary survey by DTS of existing conditions at all stations revealed system-wide concerns, including inadequate spare parts inventory and lack of available maintenance support for alerting systems.

Other

\$20.936 million was appropriated in FY11 to purchase P-25 compliant radios that allowed the County to complete immediate re-banding within the 800 MHz frequency as required by the FCC. The radio replacement program includes the M-NCPPC Montgomery County Park Police. The future purchase of public safety radios (other than to replace broken equipment) must be able to be supported by a P25 Phase-2 compliant infrastructure. The use of State of Maryland infrastructure will be aggressively pursued in order to minimize costs to Montgomery County. The CAD procurement request will reflect the County's interest in maintaining the station alerting functionality at the current level or better through the CAD system. The RFP for CAD replacement will include replacement of the following systems: CAD, mapping, and the existing Law Enforcement Records Management and Field Reporting systems. Coordination with participating department/agencies and regional partners will continue throughout the project.

Fiscal Note

Funding in FY09 included Urban Area Security Initiative (UASI) grant funding of \$2.055 million and Fire Act grant funding of \$988,000.

Coordination

PSSM Executive Steering Group, Executive Program Directors, Department of Technology Services, Department of Police, Montgomery County Fire and Rescue Service, Sheriff's Office, Department of Correction and Rehabilitation, Office of Emergency Management and Homeland Security, Department of Transportation, Department of Liquor Control, Montgomery County Public Schools (MCPS), Maryland-National Park and Planning Commission (M-NCPPC) Park Police, Washington Metropolitan Area Transit Authority (WMATA)

Red Brick Courthouse Structural Repairs (P500727)

Category General Government
 Sub Category County Offices and Other Improvements
 Administering Agency General Services (AAGE29)
 Planning Area Rockville

Date Last Modified 5/12/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Final Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	3,625	292	0	2,542	0	0	0	1,041	889	612	791
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	227	0	0	80	0	0	0	0	0	80	147
Construction	15,606	295	0	8,983	0	0	0	0	0	8,983	6,328
Other	4	0	4	0	0	0	0	0	0	0	0
Total	19,462	587	4	11,605	0	0	0	1,041	889	9,675	7,266

FUNDING SCHEDULE (\$000s)

G.O. Bonds	19,462	587	4	11,605	0	0	0	1,041	889	9,675	7,266
Total	19,462	587	4	11,605	0	0	0	1,041	889	9,675	7,266

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		591
Expenditure / Encumbrances		587
Unencumbered Balance		4

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 15 19,462
Last FY's Cost Estimate	19,462

Description

Phase I of this project provided for the rehabilitation of the flooring system in the Red Brick Courthouse at 29 Courthouse Square in Rockville. The structural integrity of the flooring system was weakened by modifications made over the years to accommodate various electrical, mechanical, and plumbing systems. Phase II will provide for a historic rehabilitation of the Courthouse, to accommodate programmatic functions and requirements of current users and to preserve the building exterior and interior. Work will include the replacement of major building systems, modifications to make the facility compliant with the requirements for the Americans with Disabilities Act (ADA), repair for moisture infiltration issues, and repair and replacement of the building exterior, masonry, copper fittings, and roofing. All work will have to be performed in compliance with requirements and oversight of the Maryland Historical Society and per existing County regulation and easements.

Location

29 Courthouse Square Rockville, MD 20850

Estimated Schedule

Design is estimated to begin in FY20 and construction in FY22.

Justification

For Phase I, a structural engineer determined that some areas of the terra cotta arch and beam flooring system have been compromised by modifications that have been made for various electrical, mechanical, and plumbing systems. Access to certain areas on the first and second floors will be restricted until the problem is resolved. Phase II is the historic renovation of the building, which dates back to the 1800's. In 1995, the Courthouse had a small renovation to upgrade the HVAC and to provide an elevator. Currently, the slate roofing is deteriorating, as is the copper metal roofing on the steeple (both of which have reached the end of service life). The masonry joints need to be tuck-pointed on the exterior walls and parapets. This deterioration has allowed moisture infiltration, which has damaged the building, with repair efforts slowing but not stopping the problems. Along with accessibility issues, the HVAC, plumbing, and electrical systems are at the end of useful life. The fire prevention systems require redesign and installation to provide for better safeguards to prevent potential loss of the historic wood structure.

Other

This facility has been designated as a historic structure.

Fiscal Note

Project has been delayed due to fiscal affordability.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Department of General Services, Circuit Court, Department of Technology Services, City of Rockville, Montgomery County Sheriff, Department of Human Resources, Peerless Rockville, Montgomery County Historical Society

Resurfacing Parking Lots: MCG (P509914)

Category General Government
 Sub Category County Offices and Other Improvements
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,215	1,035	0	180	30	30	30	30	30	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	278	278	0	0	0	0	0	0	0	0
Construction	9,904	3,115	3,069	3,720	620	620	620	620	620	0
Other	58	58	0	0	0	0	0	0	0	0
Total	11,455	4,486	3,069	3,900	650	650	650	650	650	0

FUNDING SCHEDULE (\$000s)

Department of Liquor Control Fund	157	92	65	0	0	0	0	0	0	0
G.O. Bonds	11,298	4,394	3,004	3,900	650	650	650	650	650	0
Total	11,455	4,486	3,069	3,900	650	650	650	650	650	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	650
Appropriation Request Est.	FY 18	650
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		7,555
Expenditure / Encumbrances		4,636
Unencumbered Balance		2,919

Date First Appropriation	FY 99
First Cost Estimate	
Current Scope	FY 17 11,455
Last FY's Cost Estimate	10,155

Description

This project provides for the design and major rehabilitation of existing asphalt parking lots and associated drainage structures. Work includes milling and re-paving, full depth reconstruction of failed areas, and re-establishing positive drainage.

Estimated Schedule

FY17: Major repairs and resurfacing at several libraries. FY18: McDonald Knolls; Police stations, 8188 Georgia Avenue.

Cost Change

Increase is due to the addition of FY21 and FY22 to this ongoing project and is partially offset by the capitalization of prior expenditures.

Justification

The age and condition of paved surfaces (primarily parking lots) at County facilities creates the need for this project. The deterioration of bituminous pavement occurs because of bitumen evaporation, infiltration of moisture, exposure to the environment, and disintegration due to salt and other compounds used during the winter. The maintenance and repair of paved surfaces is managed through the County's facilities maintenance program. A facility planning approach to major repair and resurfacing of paved surfaces has established a validated inventory of paved surfaces requiring major work; allowed for systematic planning and execution to eliminate the inventory of major work; and begun to arrest the continuing deterioration of paved surfaces, preventing more costly total reconstruction. This project implements an annual major repair and resurfacing program for paved surfaces as they reach the end of their useful life. The March 2010 Report of the Infrastructure Maintenance Task Force, identified an annual level of effort for parking lot resurfacing based on an average 20 year life for parking lots.

Disclosures

Expenditures will continue indefinitely.

Coordination

Department of General Services, Departments affected by resurfacing projects

Rockville Core (P361702)

Category	General Government	Date Last Modified	11/17/14
Sub Category	County Offices and Other Improvements	Required Adequate Public Facility	No
Administering Agency	General Services (AAGE29)	Relocation Impact	None
Planning Area	Rockville	Status	Final Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,091	0	0	2,091	519	656	448	379	89	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	20,278	0	0	20,278	0	0	8,111	12,167	0	0	0
Other	750	0	0	750	0	0	0	750	0	0	0
Total	23,119	0	0	23,119	519	656	8,559	13,296	89	0	0

FUNDING SCHEDULE (\$000s)

Long-Term Financing	23,119	0	0	23,119	519	656	8,559	13,296	89	0	0
Total	23,119	0	0	23,119	519	656	8,559	13,296	89	0	0

OPERATING BUDGET IMPACT (\$000s)

Cost Savings				-10,454	0	0	0	-3,382	-3,484	-3,588
Energy				866	0	0	0	186	340	340
Maintenance				727	0	0	0	159	284	284
Program-Other				444	0	0	0	148	148	148
Net Impact				-8,417	0	0	0	-2,889	-2,712	-2,816

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,107
Appropriation Request Est.	FY 18	339
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	23,119
	0

Description

This project provides for the planning, design, and renovation of the Grey Courthouse. The Grey Courthouse work includes renovation of approximately 91,000 GSF (56,000 net square feet) of office space for occupancy by various County departments currently in leased space.

Location

Rockville Core

Estimated Schedule

Design would begin in Fall 2016. Construction would be completed two years after the design. Additional parking spaces will be leased until a permanent parking solution can be developed.

Justification

Montgomery County Strategic Space Planning Study for the Grey Courthouse was completed in November 2012. The study confirmed that various departments could be relocated from leased space into the facility. The Government Core Facilities Optimization Master Plan Study (funded under Project:500721) analyzed short and long-term growth needs, speed and ease of implementation, cost effectiveness, creation of a suitable government complex, as well as improvement of government services and accessibility. The Government Core Facilities Optimization Master Plan Study noted that additional parking would need to be provided upon occupancy of the Grey Courthouse. This project came about as a part of a comprehensive analysis of maximizing the use of County versus leased space.

Fiscal Note

This project will be financed with appropriation backed debt funded through lease savings.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Departments which may be moving include the Department of Technology Services (ERP offices), Department of General Services, Department of Health and Human Services, Office of Procurement, CountyStat, Office of Medical Services, Department of Finance, Community Use of Public Facilities, PEPCO, Department of Transportation, Maryland Department of Transportation, and the City of Rockville. As the project progresses, the list of affected departments will be finalized.

Roof Replacement: MCG (P508331)

Category
Sub Category
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
General Services (AAGE29)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	3,520	238	642	2,640	440	440	440	440	440	440	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	16	16	0	0	0	0	0	0	0	0	0
Construction	20,256	358	9,098	10,800	1,800	1,800	1,800	1,800	1,800	1,800	0
Other	2	0	2	0	0	0	0	0	0	0	0
Total	23,794	612	9,742	13,440	2,240	2,240	2,240	2,240	2,240	2,240	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	23,794	612	9,742	13,440	2,240	2,240	2,240	2,240	2,240	2,240	0
Total	23,794	612	9,742	13,440	2,240	2,240	2,240	2,240	2,240	2,240	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,240
Appropriation Request Est.	FY 18	2,240
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		10,354
Expenditure / Encumbrances		3,026
Unencumbered Balance		7,328

Date First Appropriation	FY 96
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	20,691

Description

This project provides for major roof replacement of County buildings.

Estimated Schedule

FY17: Holiday Park Senior Center; several County buildings (site locations depend on final assessment from DGS roof consultant). FY18: Several County buildings (site locations depend on final assessment from DGS roof consultant).

Cost Change

Increase is due to the addition of FY21 and FY22.

Justification

The age of many County buildings creates the need for this project. Factors determining the need for replacement include poor condition, age, long-term utilization, and probability of continued repairs. The project consists of an annual replacement schedule for those roofs which have reached the end of their useful service life. Asbestos abatement is an important component of the roof replacement effort and will be performed when required. The roof replacements covered under this program are prioritized based upon a consultant's survey completed in FY05 and an in-house priority schedule. Information generated in that condition survey will be the basis for future roof replacement projects. The March 2010 Report of the Infrastructure Maintenance Task Force identified an annual level of effort funding for roof replacement based on an average 20-year life for roof systems.

Disclosures

Expenditures will continue indefinitely.

Coordination

Department of General Services, Departments affected by roof replacement projects

Technology Modernization -- MCG (P150701)

Category
Sub Category
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
County Executive (AAGE03)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/9/16
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	134,353	110,412	19,305	4,636	4,636	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	56	0	56	0	0	0	0	0	0	0
Total	134,409	110,412	19,361	4,636	4,636	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

Contributions	1,615	1,340	275	0	0	0	0	0	0	0
Current Revenue: General	67,412	62,812	4,600	0	0	0	0	0	0	0
Federal Aid	741	0	0	741	741	0	0	0	0	0
Land Sale	2,634	2,634	0	0	0	0	0	0	0	0
Recreation Fund	645	322	323	0	0	0	0	0	0	0
Recordation Tax Premium	2,623	2,623	0	0	0	0	0	0	0	0
Short-Term Financing	58,739	40,681	14,163	3,895	3,895	0	0	0	0	0
Total	134,409	110,412	19,361	4,636	4,636	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				2,802	467	467	467	467	467
Productivity Improvements				-29,148	-700	-3,472	-6,244	-6,244	-6,244
Program-Staff				858	143	143	143	143	143
Program-Other				10,374	1,054	1,864	1,864	1,864	1,864
Net Impact				-15,114	964	-998	-3,770	-3,770	-3,770

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		134,409
Expenditure / Encumbrances		126,901
Unencumbered Balance		7,508

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	134,909

Description

This project provides for the replacement, upgrade, and implementation of IT initiatives that will ensure ongoing viability of key processes, replace outdated and vulnerable systems, and produce a high return in terms of customer service and accountability to our residents. Major new IT systems that have been completed through this project include the Enterprise Resource Planning (ERP) Financial and Human Resources modules, foundation phase of the 311/Constituent Relationship Management (CRM), Electronic Time reporting (MCTime), and related Business Process Review (BPR). Planning activities for the Department of Health and Human Services (HHS) technology modernization of key systems and processes are underway. The Budgeting module of the ERP system (Hyperion) and additional self-service functionality is currently underway and the workforce component of the Hyperion System has been completed. The ERP project was implemented to modernize Core Business Systems to improve the efficiency, effectiveness, and responsiveness of the County Government. In addition, modernization of the County's Tax Assessment Billing System is underway. This system is used to annually calculate and bill County residents for County and municipal property taxes, solid waste fees, water quality fees, Washington Suburban Sanitary Commission (WSSC) fees, and other fees, taxes, and related credits. The HHS program provides for the development and implementation of an Enterprise Integrated Case Management (EICM) system as part of a larger Process and Technology Modernization (PTM) program that will move the department from a traditional agency-centric model of practice to a more effective client-centered model of practice. As part of this initiative, the EICM project will upgrade obsolete IT systems and information processes to avoid duplication of data entry, reduce ineffective coordination of services, and minimize inefficiencies resulting from legacy systems. The Active Network (ActiveNet) upgrade for the Department of Recreation, Community Use of Public Facilities (CUPF), and the Maryland-National Capital Park and Planning (M-NCPPC) involves the replacement of the existing CLASS registration and payment system. The Gilchrist Center is also in need of a platform to register its clients for programs and activities. Implementation involves analysis and realignment of business practices and procedures, system configuration, web-site designs; redesign/testing of ERP interfaces; and new Accounts Receivable functions. An Interagency Governance Committee comprised of managers from each participating department/agency will make decisions balancing the needs of each department.

Technology Modernization -- MCG (P150701)

Cost Change

The cost decrease is due to shifting the FY17 funding in Current Revenue to the HHS Operating budget.

Justification

According to a 2004 ranking of major existing technology systems based on their current health and relative need for upgrade or replacement, the County's then current core business systems (ADPICS, FAMIS, BPREP, and HRMS) were ranked as Priority #1, which means obsolete or vulnerable critical system in immediate risk of failure. These at-risk systems were replaced with a state of the art ERP system which provides a common database supporting financials, procurement, budget, and HR/payroll, and includes system-wide features for security, workflow, and reporting, and up-to-date technology architecture. Tax Assessment Billing System: The current system is over 30 years old, is only internally supported, and is used for the collection of over \$2 billion in revenues annually. Health and Human Services EICM: This technology modernization effort will ensure ongoing viability of key processes, replace outdated and vulnerable systems, create staff operating efficiencies, and produce a high return in terms of customer service and accountability to our residents. Related plans and studies include the Information Technology Interagency Funding and Budgeting Committee's report of September 30, 2003, the Montgomery County Government FY06 IT Budget Overview prepared by Department of Technology Services, and the FY14 Process and Technology Modernization Readiness Assessment conducted by the Gartner consulting group. Recreation, CUPF, and M-NCPPC: The Active Network announced that they will release one more version upgrade of CLASS, scheduled for first quarter of 2014. After this release, there will be no further development of the CLASS software and maintenance/support will be phased out of the CLASS software (ending by December, 2017). A feasibility study determined that the Active Network's browser based application, ActiveNet, is the only software with sufficient functionality and processing capability to meet the needs of a joint registration and facility management system in a single database for Recreation, CUPF, MNCPPC, and the Gilchrist Center. The system will also improve customer service by providing a one-stop access point.

Other

The Technology Modernization - MCG project is intended to serve as an ongoing resource for future IT modernization and related process engineering to the County Government's business systems beyond the currently defined project scope. Future projects may include the following: CRM - Citizen Relationship Management Phase II: This initiative will extend the service to municipalities in the County and other County agencies (e.g. Board of Education, M-NCPPC, Montgomery College). This initiative will proceed based upon interest from these organizations and agreement on funding. Objectives include creation of a Citizen Relationship Management (CRM) program to develop or convert automated capabilities for all appropriate County services including: Case Management Events, Management Field Services, Grants Management, Help Desk Solutions, Point of Sales, Resident Issue Tracking System, Work Order Processing System, ERP - Enterprise Resource Planning, Business Intelligence/Data Warehouse Development, Loan Management, Property Tax Billing and Collection, Public Access to Contractor Payments, Upgrade to Oracle E-Business/Kronos/Siebel, and Enhancements to comply with evolving Payment Card Industry (PCI) mandates.

Fiscal Note

Project funding includes short-term financing for integrator services and software costs. The Operating Budget Impact (OBI) estimates have been reduced to reflect the full accounting of ERP operating costs in the Operating budget. ERP: Funding through FY15 and FY16 estimated is now adjusted to reflect actual transfer by the Board of Investment Trustees (BIT) as Contributions and from the Department of Liquor Control and the Group Insurance Fund to the General Fund as Current Revenue: General. HHS: Due to delays in the State's process for seeking federal reimbursements for capital IT upgrades, Federal Aid is only assumed in FY17. HHS will continue to seek federal aid as the State updates its process. If the State is continuously unsuccessful to receive federal reimbursements, short-term financing will be used as an alternative funding source. ActiveNet: \$645,000 will be appropriated from the Current Revenue: Recreation Fund in FY15 for the ActiveNet upgrade; Recreation will charge CUPF and M-NCPPC for their share of the project's expenditures based on a proportionate share of each party's use of ActiveNet.

Coordination

MCG efforts are coordinated with applicable agencies during the project planning, requirements gathering, and requests for proposal (RFP) phases: Offices of the County Executive, Office of the County Council, Department of Finance, Department of Technology Services, Office of Procurement, Office of Human Resources, Office of Management and Budget, Department of Health and Human Services, Department of Recreation, Community Use of Public Facilities, and the Maryland-National Capital Park and Planning Commission, Gilchrist Center or CEC, all MCG Departments and Offices, Maryland Department of Human Resources, Maryland Department of Health and Mental Hygiene.

Long Branch Town Center Redevelopment (P150700)

Category	General Government	Date Last Modified	11/17/14
Sub Category	Economic Development	Required Adequate Public Facility	No
Administering Agency	County Executive (AAGE03)	Relocation Impact	None
Planning Area	Silver Spring	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	300	0	100	200	200	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	300	0	100	200	200	0	0	0	0	0	0
FUNDING SCHEDULE (\$000s)											
Current Revenue: General	300	0	100	200	200	0	0	0	0	0	0
Total	300	0	100	200	200	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0	Date First Appropriation	FY 15	
Appropriation Request Est.	FY 18	0	First Cost Estimate		
Supplemental Appropriation Request		0	Current Scope	FY 13	300
Transfer		0	Last FY's Cost Estimate		300
Cumulative Appropriation		300			
Expenditure / Encumbrances		0			
Unencumbered Balance		300			

Description

This project provides for planning and infrastructure needed to support redevelopment in the Long Branch Sector Plan area. The construction of the Purple Line will influence the development potential of the sector plan area. Two Purple Line stations are planned in Long Branch - one on Arliss Street, just to the north of Piney Branch Road, and the other on University Boulevard, just south of its intersection with Piney Branch Road. The County will coordinate through a multi-departmental approach that will include DGS, DOT, DHCA and the RSC. Activities will also be planned in partnership with the Maryland Transit Administration (MTA), property owners and businesses in this sector plan area with input from the surrounding Long Branch community. M-NCPPC will assist by participating in the development review process. The State will have the primary responsibility for coordinating efforts to mitigate impacts of the Purple Line in Long Branch. The MTA, Maryland Department of Housing and Community Development (DHCD), and Maryland Department of Commerce will be the primary state agencies. The County will complement the State's efforts to protect the existing community character and quality of life while promoting commercial revitalization along the Purple Line.

Location

Long Branch Sector Plan area, Silver Spring, Maryland

Estimated Schedule

The State is expected to start construction of the Purple Line in late 2016 and begin services in 2021. The timing of any County efforts will relate to, or be coordinated with, the construction of the Purple Line.

Justification

The Long Branch community is a very diverse, high density multi-ethnic community. It has been designated as a revitalization area by the County and as an Enterprise Zone by the State of Maryland. The objective would be to preserve and improve the community's affordable housing and small scale commercial uses by leveraging proximity to Purple Line stations. With the construction of the Purple Line, the Long Branch area may face challenges ensuring that rental and ownership costs, for either homes or businesses, remain affordable, while encouraging reinvestment.

Other

This project will comply with the standards of the Department of Transportation (DOT), Department of General Services (DGS), Maryland State Highway Administration (MSHA), Manual on Uniform Traffic Control Devices (MUTCD), American Association of State Highway Officials (AASHTO), and Americans with Disabilities Act (ADA).

Fiscal Note

Planning activities were delayed to coincide with the proposed construction schedule of the Purple Line.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Department of Housing and Community Affairs, Department of Transportation, Department of Permitting Services, M-NCPPC, Long Branch Advisory Committee, Maryland Transit Administration, Maryland State Highway Administration (MSHA), Department of General Services, Long Branch Business League, and Montgomery Housing Partnership.

Universities at Shady Grove Expansion (P151201)

Category	General Government	Date Last Modified	11/17/14
Sub Category	Economic Development	Required Adequate Public Facility	No
Administering Agency	General Services (AAGE29)	Relocation Impact	None
Planning Area	Shady Grove Vicinity	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	5,000	5,000	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	15,000	0	10,000	5,000	5,000	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	20,000	5,000	10,000	5,000	5,000	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	20,000	5,000	10,000	5,000	5,000	0	0	0	0	0	0
Total	20,000	5,000	10,000	5,000	5,000	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	5,000	Date First Appropriation	FY 15
Appropriation Request Est.	FY 18	0	First Cost Estimate	
Supplemental Appropriation Request		0	Current Scope	FY 15
Transfer		0	Last FY's Cost Estimate	20,000
Cumulative Appropriation		15,000		
Expenditure / Encumbrances		5,000		
Unencumbered Balance		10,000		

Description

This project provides funding for the construction of a parking garage and related site modifications at the Universities at Shady Grove (USG) Campus. The County's commitment to fund the garage and ground modifications is intended to leverage State funding to build a Biomedical Sciences/Engineering Education (BSE) academic building. In conjunction with the nearby Institute for Bioscience and Biotechnology Research (IBBR), the new fourth 220,000 sq.ft. academic building is expected to expand capacity at the campus, particularly in the high growth fields of biotechnology and engineering. The building will house science/engineering classrooms as well as clinical training laboratories for programs that will include health, allied health, science and engineering/technology programs in both traditional and bioscience areas and education degrees focused on science, technology, engineering and mathematics (STEM). This initiative will support the County's education, employment, and economic development goals. The new academic building will be built on the surface parking lot adjacent to the IBBR on the USG campus. The County has agreed to provide funding to the University System of Maryland (USM) for the design and construction of a garage adjacent to the new facility that will recover and expand existing parking capacity and free up land on which the new academic building will be constructed. County funding will also be used to complete ground modifications to create a new entrance to the campus.

Location

9630-9640 Gudelsky Drive, Rockville, Maryland.

Estimated Schedule

The County and the USM (on behalf of the USG) have entered into a Memorandum of Understanding that outlines the roles and responsibilities of the County, USM and USG for this project. The BSE building will begin construction in July 2016 and expects to be completed by Fall 2018.

Justification

Universities at Shady Grove Expansion (P151201)

The new Biomedical Sciences/Engineering Academic Complex (BSE) will be constructed on existing USG land already zoned for academic building expansion. Parking is currently limited and construction of the building will require the removal of the surface parking lot on this site. A structured parking facility is needed to replace the parking spaces taken by the BSE. Site improvements for a new entrance to the campus to accommodate the increased student, faculty, and staff access are also required. The project is a step toward implementing several objectives of the Biosciences Strategy adopted by the County's Biosciences Task Force (December 2009). The new building is planned to be funded by the State, with the County contributing toward the creation of site capacity through the structured garage. This expanded higher education presence in Montgomery County will help to build a robust biosciences workforce and foster commercialization that will provide economic benefits to the County and the State. The Biosciences Strategy further recommends that the County support partnerships between higher education institutions, industry, and Montgomery County Public Schools to support STEM curriculum development, enhance STEM teacher preparation and expand "laboratory" programs designed to spark student interest in and preparation for health science and bioscience careers. The new building will house programs and curriculum focused on STEM education. The USG offers more than 70 undergraduate degree programs from nine of the schools in the USM. Located in the Great Seneca Science Corridor Master Plan Area, USG offers among its programs, courses that complement the life sciences focus of the Great Seneca Science Corridor Master Plan. These programs included biology, business, health systems management, nursing, pharmacy, public health sciences, and respiratory therapy. The USG provides for significant development of the workforce for high quality science jobs in Montgomery County. Approximately 600 undergraduate students and 400 to 500 students with graduate and professional degrees graduate each year at the USG. The USG plans to increase its capacity to annually graduate 2,000 undergraduate students and approximately 1,200 graduate/professional degree students (several hundred of which will be in the bioscience and biotechnology disciplines).

Fiscal Note

The County contribution for the parking structure and ground modification costs is capped at \$20 million and is dependent on State funding to design and construct a BMSE academic building. In 2015, the General Assembly pre-authorized \$9.3 million for the design of this academic building, and the State's CIP has the remaining \$153.3 million programmed for FY16-FY19. To date, the State has provided \$11.3M in planning funds and \$2.716M in construction funds for the BSE building. The FY17 State Capital funding request is \$1.5M for planning and \$72M for construction.

Coordination

Department of Economic Development, Department of General Services, State of Maryland, USM, USG. Special Capital Projects Legislation [Bill No.16-13] was adopted by Council June 25, 2013.

Wheaton Redevelopment Program (P150401)

Category	General Government	Date Last Modified	5/13/16
Sub Category	Economic Development	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Kensington-Wheaton	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	14,689	6,053	5,493	3,143	628	1,886	629	0	0	0	0
Land	1,010	1,010	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	10,559	1,346	0	9,213	5,794	3,419	0	0	0	0	0
Construction	129,663	690	0	128,973	71,235	40,928	16,810	0	0	0	0
Other	12,063	221	565	11,277	3,828	5,813	1,636	0	0	0	0
Total	167,984	9,320	6,058	152,606	81,485	52,046	19,075	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Contributions	862	0	862	0	0	0	0	0	0	0	0
Current Revenue: General	1,300	650	650	0	0	0	0	0	0	0	0
Federal Aid	418	417	1	0	0	0	0	0	0	0	0
G.O. Bonds	71,906	0	2,871	69,035	38,099	27,987	17,949	-15,000	0	0	0
Land Sale	15,000	0	0	15,000	0	0	0	15,000	0	0	0
Long-Term Financing	70,145	0	1,574	68,571	43,386	24,059	1,126	0	0	0	0
PAYGO	7,503	7,503	0	0	0	0	0	0	0	0	0
State Aid	850	750	100	0	0	0	0	0	0	0	0
Total	167,984	9,320	6,058	152,606	81,485	52,046	19,075	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	8,866
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		140,043
Expenditure / Encumbrances		132,775
Unencumbered Balance		7,268

Date First Appropriation	FY 04
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	143,847

Description

Wheaton Redevelopment Program (P150401)

This project provides for the planning, studies, design, and construction of an office building, public parking garage, and a town square on the site of Parking Lot 13 and the Mid-County Regional Services Center (RSC) in Wheaton. The project components include 1) an approximately 303,000 s.f. office building to be owned by the Maryland-National Capital Park and Planning Commission (M-NCPPC); 2) an approximately 400 space underground public parking garage to be delivered to the Wheaton Parking Lot District (PLD); and 3) a town square located on Lot 13 and the current RSC site. The new headquarters for M-NCPPC will occupy approximately 132,000 s.f. of the building, including space for a child care facility. The remainder of the building space will be used by the County for office and retail under a long-term lease agreement. The County intends to use its space for nearly 15,000 s.f. of street front retail space and move offices of the RSC, Wheaton Urban District, Department of Environmental Protection, Department of Permitting Services, Department of Recreation, the Community Use of Public Facilities, and Environmental Health Regulatory Services in the Department of Health and Human Services to this building. The building will have a geothermal heating and cooling system which is likely to result in LEED Platinum certification for the office building. After the building is delivered to M-NCPPC, the Commission will transfer the ownership of the parcels at 8787 Georgia Ave. in Silver Spring and 11200 Amherst Ave. in Wheaton to the County. The County will then transfer 8787 Georgia Ave. to the developer who will develop a privately financed mixed-use project on the site. The delivery will include air rights above the land over the parking garage for the space comprising the office building and over that portion of the land located between the building and Reedy Drive. The town square will be maintained and programmed by the RSC for the community benefit. Publicly available WiFi will be among those community benefits. The obligations and relationship between County Government and M-NCPPC for the project are reflected in a Memorandum of Understanding dated May 31, 2013 and will be explicitly set forth in the Binding Agreements between the parties. This PDF also includes \$650,000 for consulting services to provide 1) a comprehensive parking study to identify potential redevelopment disruptions to the public parking supply and any related impacts of existing businesses and to identify potential mitigation options; 2) planning studies to review potential models and approaches to creating local jobs and job training opportunities prior to and during redevelopment, including relevant case examples in Montgomery County as well as innovative models from other local and national jurisdictions; and 3) a business assessment study to determine the number of businesses and the magnitude of the impact. The business assessment study is needed to support Council Bill 6-12 for the establishment of service provision and technical assistance to those small businesses adversely impacted by a County redevelopment project. As part of the agreement, this project also includes a privately owned mixed use residential building with independent financing and significant affordable housing components.

Location

Montgomery County Public Parking Lot 13, between Grandview Avenue and Triangle Lane; the RSC site on Reedy Drive, Wheaton; 8787 Georgia Avenue, Silver Spring; and Veterans Urban Park at 11200 Amherst Avenue, Wheaton, Maryland.

Estimated Schedule

The project design started in July 2014 and construction is expected to begin in the Summer of 2016. Demolition of the RSC site will begin as soon as the site can be vacated. The town square is planned to be completed in Spring 2019 and the completion of the office building is scheduled by the end of FY19.

Cost Change

The cost increase is based on estimated costs of design and construction of a geothermal heating and cooling system for the office building and unexpected environmental remediation needs on the construction site. Two additional floors will also be added to the planned building to reduce expensive lease payments for County agencies, facilitate co-location for departments with program synergies, and enhance the presence of the County Government in Wheaton.

Justification

The Wheaton Redevelopment Program was established in 2000 with the goal of encouraging private reinvestment through targeted, complementary public investment. The complementary public investment that Wheaton most needs is investment in creating a centrally located public space and a daytime population that together will contribute to an 18-hour economy in downtown Wheaton. It is expected that this public investment will leverage private investment, some of which is already occurring in Wheaton. Plans & Studies: Wheaton CBD and Vicinity Sector Plan (2011), State of Maryland designation as a Smart Growth and TOD site (2010), Urban Land Institute Technical Assistance Panel (2009). The International Downtown Association Advisory report (2008); Wheaton's Public Safety Audit (2004); The Wheaton Redevelopment Advisory Committee visioning process for the Wheaton core; National Mainstreet Center Planning Study (2000); WRAC activities since established in 2000.

Fiscal Note

Minor project funding includes: 1) \$418,000 FY09 federal grant, funded through the SAFETEA-LU transportation act; 2) A developer contribution of \$861,940 from M-NCPPC Public Use Space and Amenity Fund. November 5, 2010 Planning Board Resolution, 10-149, Site Plan 820110010; and 3) \$350,000 FY14 and FY15 State aid to support façade improvements and a pilot solar-powered trash compactor program. Non-tax supported long-term financing and PAYGO will be used to finance the costs for DEP, DPS and CUPF facility space. \$15M of the land sale proceeds from the M-NCPPC Headquarters in Silver Spring is programmed in FY20 to help finance the project costs. Total project cost includes \$8,930,000 for Streetscape and Façade work funded through FY12. The residential development on Lot 13 will not be funded in this PDF.

Disclosures

A pedestrian impact analysis has been completed for this project.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Wheaton Redevelopment Program (P150401)

WMATA, Office of the County Attorney, M-NCPPC, Westfield Mall, Community Associations and Residents, private developers, Department of General Services, Department of Transportation, Department of Environmental Protection, Department of Permitting Services, Department of Housing and Community Affairs, Mid-County Regional Service Center, and State of Maryland. Special Projects Legislation [Bill No. 33-14] was adopted by Council June 17, 2014.

White Flint Redevelopment Program (P151200)

Category General Government
 Sub Category Economic Development
 Administering Agency County Executive (AAGE03)
 Planning Area North Bethesda-Garrett Park

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	5,869	1,231	1,063	3,575	975	760	460	460	460	460	0
Land	108	108	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	26	26	0	0	0	0	0	0	0	0	0
Total	6,003	1,365	1,063	3,575	975	760	460	460	460	460	0

FUNDING SCHEDULE (\$000s)											
White Flint - Special Tax District	6,003	1,365	1,063	3,575	975	760	460	460	460	460	0
Total	6,003	1,365	1,063	3,575	975	760	460	460	460	460	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	160
Appropriation Request Est.	FY 18	760
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,243
Expenditure / Encumbrances		1,368
Unencumbered Balance		1,875

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	4,923

Description

This program provides for the plans, studies, analysis, and development coordination activities by the County necessary to implement redevelopment in the White Flint Sector Plan Area. Specialized services as detailed in the Justification section below are required to implement the extensive public infrastructure requirements called for in the Sector Plan, and for the implementation of the specified public financing mechanism and related requirements for infrastructure funding. This program also provides for certain land acquisitions necessary to support Transit-Oriented Development (TOD) activities in the White Flint Sector Plan Area.

Cost Change

Cost increase due to updated staffing charges and the addition of FY21 and FY22 to this ongoing project.

Justification

In the spring of 2010, the Montgomery County Council approved the new White Flint Sector Plan, which covers a 430 acre area. The Plan establishes a vision for transforming what has long been an auto-oriented suburban development pattern into a denser, mixed-used 'urban' center in which people can walk to work, shops and transit. An expanded street grid and other infrastructure improvements will create walkable blocks containing residences, retail, offices and local services. The Plan also calls for a financing mechanism that would generate significant revenues from properties and developments within the Sector Plan Area. The County Council further defined this financing mechanism in Bill 50-10, which established a White Flint Special Taxing District, authorized the levy of a property tax and the issuance of bonds to finance transportation infrastructure improvements, and stated conditions for the loaning or advancing of County funds to the District. In Resolution No. 16-1570, the Council adopted an implementation strategy which required the Executive to carry out a feasibility or other study to assess whether debt repayment will require a district tax rate that exceeds certain policy goals, and called for the forward funding or advance funding of specified items in order to promptly implement the Sector Plan. In addition to the financing implementation, specialized services are required related to the complex land assemblage and disposition actions necessary to implement the new street grid and for the reconfiguration of Executive Boulevard/Old Georgetown Road associated with implementation of Stage 1. Staff time and services are required to manage and coordinate efforts to develop detailed staging plans, to assess opportunities to maximize property dedications, and to negotiate property dedications to avoid or minimize acquisition costs. Necessary services will include appraisals, legal services, title services and consultants versed in land assemblage. The County is also currently evaluating efforts needed to implement roadway improvements through the Conference Center site, which is a County asset. Special requirements related to the Conference Center include negotiations with the private hotel owner as well as the Hotel and Conference Center management firm, and the provision of interim and permanent parking related to the impacts of road rights of way that traverse the site and will reduce the number of parking spaces available to patrons.

Fiscal Note

The funding source for this project is White Flint Special Taxing District tax revenues.

Disclosures

Expenditures will continue indefinitely.

Coordination

White Flint Redevelopment Program (P151200)

Office of the County Executive, Department of Finance, Department of Transportation, Department of Economic Development, Maryland Department of Transportation (MDOT), Maryland State Highway Administration (SHA), Developers

White Flint Redevelopment Program (P151200)

Category General Government
Sub Category Economic Development
Administering Agency County Executive (AAGE03)
Planning Area North Bethesda-Garrett Park

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	5,869	1,231	1,063	3,575	975	760	460	460	460	460	0
Land	108	108	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	26	26	0	0	0	0	0	0	0	0	0
Total	6,003	1,365	1,063	3,575	975	760	460	460	460	460	0

FUNDING SCHEDULE (\$000s)

White Flint - Special Tax District	6,003	1,365	1,063	3,575	975	760	460	460	460	460	0
Total	6,003	1,365	1,063	3,575	975	760	460	460	460	460	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	160
Appropriation Request Est.	FY 18	760
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,243
Expenditure / Encumbrances		1,368
Unencumbered Balance		1,875

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	6,003
	4,923

Description

This program provides for the plans, studies, analysis, and development coordination activities by the County necessary to implement redevelopment in the White Flint Sector Plan Area. Specialized services as detailed in the Justification section below are required to implement the extensive public infrastructure requirements called for in the Sector Plan, and for the implementation of the specified public financing mechanism and related requirements for infrastructure funding. This program also provides for certain land acquisitions necessary to support Transit-Oriented Development (TOD) activities in the White Flint Sector Plan Area.

Cost Change

Cost increase due to updated staffing charges and the addition of FY21 and FY22 to this ongoing project.

Justification

In the spring of 2010, the Montgomery County Council approved the new White Flint Sector Plan, which covers a 430 acre area. The Plan establishes a vision for transforming what has long been an auto-oriented suburban development pattern into a denser, mixed-used 'urban' center in which people can walk to work, shops and transit. An expanded street grid and other infrastructure improvements will create walkable blocks containing residences, retail, offices and local services. The Plan also calls for a financing mechanism that would generate significant revenues from properties and developments within the Sector Plan Area. The County Council further defined this financing mechanism in Bill 50-10, which established a White Flint Special Taxing District, authorized the levy of a property tax and the issuance of bonds to finance transportation infrastructure improvements, and stated conditions for the loaning or advancing of County funds to the District. In Resolution No. 16-1570, the Council adopted an implementation strategy which required the Executive to carry out a feasibility or other study to assess whether debt repayment will require a district tax rate that exceeds certain policy goals, and called for the forward funding or advance funding of specified items in order to promptly implement the Sector Plan. In addition to the financing implementation, specialized services are required related to the complex land assemblage and disposition actions necessary to implement the new street grid and for the reconfiguration of Executive Boulevard/Old Georgetown Road associated with implementation of Stage 1. Staff time and services are required to manage and coordinate efforts to develop detailed staging plans, to assess opportunities to maximize property dedications, and to negotiate property dedications to avoid or minimize acquisition costs. Necessary services will include appraisals, legal services, title services and consultants versed in land assemblage. The County is also currently evaluating efforts needed to implement roadway improvements through the Conference Center site, which is a County asset. Special requirements related to the Conference Center include negotiations with the private hotel owner as well as the Hotel and Conference Center management firm, and the provision of interim and permanent parking related to the impacts of road rights of way that traverse the site and will reduce the number of parking spaces available to patrons.

Fiscal Note

The funding source for this project is White Flint Special Taxing District tax revenues.

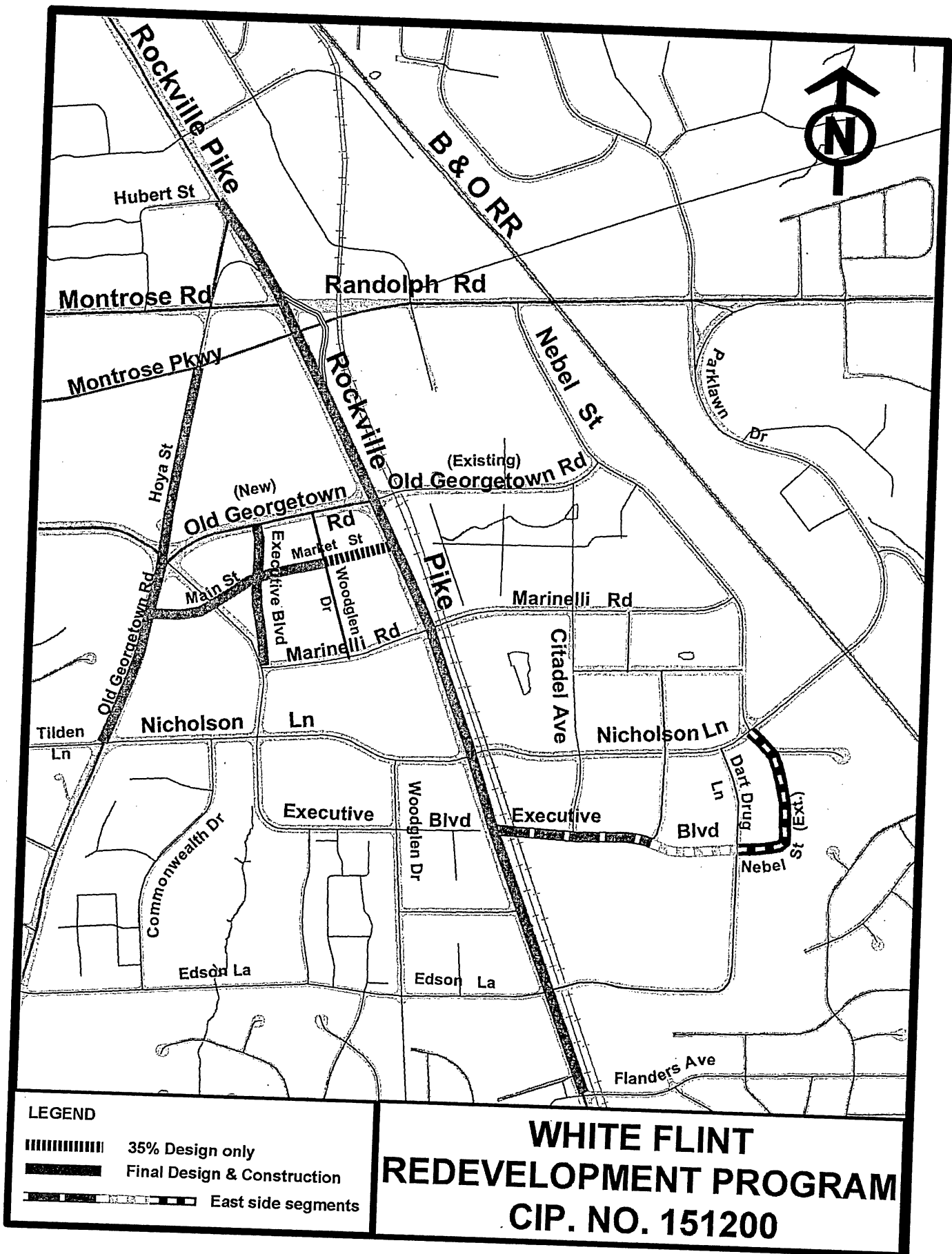
Disclosures

Expenditures will continue indefinitely.

Coordination

White Flint Redevelopment Program (P151200)

Office of the County Executive, Department of Finance, Department of Transportation, Department of Economic Development, Maryland
Department of Transportation (MDOT), Maryland State Highway Administration (SHA), Developers



White Oak Science Gateway Redevelopment Project (P361701)

Category General Government
 Sub Category Economic Development
 Administering Agency General Services (AAGE29)
 Planning Area Colesville-White Oak

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,200	0	0	1,200	200	200	200	200	200	200	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	640	0	0	640	160	160	160	160	0	0	0
Total	1,840	0	0	1,840	360	360	360	360	200	200	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	640	0	0	640	160	160	160	160	0	0	0
G.O. Bonds	1,200	0	0	1,200	200	200	200	200	200	200	0
Total	1,840	0	0	1,840	360	360	360	360	200	200	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	360
Appropriation Request Est.	FY 18	360
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 17
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	1,840

Description

This program provides for the planning and development coordination activities by the County necessary to implement the redevelopment of the 115-acre County-owned parcel on Industrial Parkway in White Oak (Site II). The site will be redeveloped in conjunction with the adjacent 185-acre parcel in a public-private partnership as one, comprehensive and coordinated 300-acre bioscience-focused mixed-use community per the approved White Oak Science Gateway (WOSG) Master Plan. The project includes initial costs for County staff to coordinate design and other activities.

Location

Silver Spring, Maryland

Justification

In 2014, the Montgomery County Council approved the new White Oak Science Gateway Master Plan. The Plan establishes a vision for transforming what has been an industrial area into a denser, mixed-use commercial and residential center in which people can walk to work, shops, and transit. The County's initiative includes using both County-owned property (Site II) and privately-owned property as a public-private partnership and leveraging existing relationships with the adjacent Food and Drug Administration (FDA) campus to advance development activities in the Master Plan. Specialized services are required for the complex land assemblage and disposition actions associated with implementation of Stage I development requirements. Staff time and services are required to manage and coordinate efforts to develop detailed staging plans, manage demolition and clean-up activities, design infrastructure, and to negotiate transactions with development partners. As negotiations move forward, additional requests for funding will be likely. The proposed 300-acre development is large-scale, long-term and transformational. It will be a catalyst for desired revitalization and redevelopment in the White Oak sector area and elsewhere in the Eastern portion of Montgomery County. The project will create job opportunities throughout White Oak and the Eastern portion of Montgomery County and will expand the tax base.

Coordination

Department of Transportation, Department of Finance, Office of Management and Budget, Department of Housing and Community Affairs, Department of Permitting Services, Maryland Department of the Environment, M-NCPPC

White Oak Science Gateway Redevelopment Project (P361701)

Category General Government
 Sub Category Economic Development
 Administering Agency General Services (AAGE29)
 Planning Area Colesville-White Oak

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,200	0	0	1,200	200	200	200	200	200	200	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	640	0	0	640	160	160	160	160	0	0	0
Total	1,840	0	0	1,840	360	360	360	360	200	200	0
FUNDING SCHEDULE (\$000s)											
Current Revenue: General	640	0	0	640	160	160	160	160	0	0	0
G.O. Bonds	1,200	0	0	1,200	200	200	200	200	200	200	0
Total	1,840	0	0	1,840	360	360	360	360	200	200	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	360
Appropriation Request Est.	FY 18	360
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 17	
First Cost Estimate		
Current Scope	FY 17	1,840
Last FY's Cost Estimate		1,840

Description

This program provides for the planning and development coordination activities by the County necessary to implement the redevelopment of the 115-acre County-owned parcel on Industrial Parkway in White Oak (Site II). The site will be redeveloped in conjunction with the adjacent 185-acre parcel in a public-private partnership as one, comprehensive and coordinated 300-acre bioscience-focused mixed-use community per the approved White Oak Science Gateway (WOSG) Master Plan. The project includes initial costs for County staff to coordinate design and other activities.

Location

Silver Spring, Maryland

Justification

In 2014, the Montgomery County Council approved the new White Oak Science Gateway Master Plan. The Plan establishes a vision for transforming what has been an industrial area into a denser, mixed-use commercial and residential center in which people can walk to work, shops, and transit. The County's initiative includes using both County-owned property (Site II) and privately-owned property as a public-private partnership and leveraging existing relationships with the adjacent Food and Drug Administration (FDA) campus to advance development activities in the Master Plan. Specialized services are required for the complex land assemblage and disposition actions associated with implementation of Stage I development requirements. Staff time and services are required to manage and coordinate efforts to develop detailed staging plans, manage demolition and clean-up activities, design infrastructure, and to negotiate transactions with development partners. As negotiations move forward, additional requests for funding will be likely. The proposed 300-acre development is large-scale, long-term and transformational. It will be a catalyst for desired revitalization and redevelopment in the White Oak sector area and elsewhere in the Eastern portion of Montgomery County. The project will create job opportunities throughout White Oak and the Eastern portion of Montgomery County and will expand the tax base.

Coordination

Department of Transportation, Department of Finance, Office of Management and Budget, Department of Housing and Community Affairs, Department of Permitting Services, Maryland Department of the Environment, M-NCPPC

ALARF: MCG (P316222)

Category General Government
 Sub Category Other General Government
 Administering Agency Management and Budget (AAGE14)
 Planning Area Countywide

Date Last Modified 4/21/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1	1	0	0	0	0	0	0	0	0
Land	44,531	4,447	16,084	24,000	4,000	4,000	4,000	4,000	4,000	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	44,532	4,448	16,084	24,000	4,000	4,000	4,000	4,000	4,000	0

FUNDING SCHEDULE (\$000s)

Revolving Fund - G.O. Bonds	44,532	4,448	16,084	24,000	4,000	4,000	4,000	4,000	4,000	0
Total	44,532	4,448	16,084	24,000	4,000	4,000	4,000	4,000	4,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		12,532
Expenditure / Encumbrances		4,448
Unencumbered Balance		8,084

Date First Appropriation	FY 62
First Cost Estimate	
Current Scope	FY 17 44,532
Last FY's Cost Estimate	36,532

Description

The Advance Land Acquisition Revolving Fund (ALARF) was established to support the implementation of capital project and facility programs in the County. Acquisition of land in advance of actual construction saves money in the face of rising land prices and enables suitable locations for libraries, fire stations, and similar facilities to be secured before development eliminates choice and forces acceptance of a less accessible or desirable site. The revolving fund works in the following way: the unencumbered revolving appropriation balance in the fund is used to purchase land for various public facilities which are either approved in the capital program or which appear in adopted area master plans. Later, the Fund is reimbursed by appropriations to the specific facility project accounts; then, the associated expenditures are transferred from the ALARF project to the facility project, thereby freeing up the appropriation for future expenditures. The reimbursement is desirable for accounting purposes in order to make the cost of the site clearly a part of the total cost of a specific project. Reimbursement also maintains the balance in the revolving fund. A number of such reimbursements are scheduled in this capital program. Cost estimates are not given for possible acquisitions since any estimates would be speculative. Immediately prior to initiating acquisition proceedings on any site, independent professional appraisals are prepared. When projected land costs appear to be considerably greater than anticipated, consultation with the County Council is useful. In the event the County Executive proceeds with advance land acquisition in years before those shown on project description forms, consultation with Council would be useful. The cumulative appropriation is the amount of the revolving fund, as well as certain special appropriations to this project as described below. Costs shown for prior years include the land acquisition reimbursable to the fund and other charges incurred in site selection, such as appraisal, legal costs, and other required actions. Also displayed are expenditures associated with special appropriations, not to be reimbursed. The nonreimbursable amounts are considered sunk costs. Expenditures portrayed above in FY17-22 are for fiscal planning purposes only and represent land acquisition not shown on applicable individual CIP project description forms in order to preserve confidentiality of estimates and negotiations with landowners. ALARF acquisitions are typically reimbursed by appropriations from projects with various revenue sources.

Other

Expenditures to buy land using ALARF appropriations made after October 5, 1998, must be reimbursed to the Fund. If the County does not intend to reimburse the Fund, then the land cannot be purchased from the Fund's appropriation and must be purchased in a separate project. This restriction does not apply to land already purchased. To ensure that the County does not lose the opportunity to acquire sites for future projects, the Council encourages the Executive to acquire more sites and to acquire sites earlier than previously assumed. The Council also urges the County Executive to work with Maryland-National Capital Park and Planning Commission staff to review future facility needs in master plans and department strategic plans to identify sites beyond those for projects in facility planning and the current CIP for acquisition. If more sites are acquired, the existing balance may not be sufficient, and the Council encourages the Executive to recommend a supplemental appropriation if necessary.

Fiscal Note

Expenditures and resources for Silver Spring ALARF (as part of the Silver Spring Redevelopment Project) previously shown here have been closed out.

Disclosures

ALARF: MCG (P316222)

Expenditures will continue indefinitely.

Coordination

Department of General Services, Other Departments, Office of Management and Budget, Department of Finance

Fibernet (P509651)

Category General Government
Sub Category Technology Services
Administering Agency Technology Services (AAGE05)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	7,244	3,046	0	4,198	731	724	719	705	614	705	0
Land	1,819	4	0	1,815	225	300	300	300	390	300	0
Site Improvements and Utilities	14,568	13,568	0	1,000	200	200	200	200	200	0	0
Construction	19,632	8,839	2,375	8,418	2,040	1,466	1,421	1,045	1,455	991	0
Other	32,740	24,210	1,723	6,807	497	1,200	1,200	1,500	910	1,500	0
Total	76,003	49,667	4,098	22,238	3,693	3,890	3,840	3,750	3,569	3,496	0

FUNDING SCHEDULE (\$000s)											
Cable TV	63,123	36,787	4,098	22,238	3,693	3,890	3,840	3,750	3,569	3,496	0
Contributions	1,624	1,624	0	0	0	0	0	0	0	0	0
Current Revenue: General	256	256	0	0	0	0	0	0	0	0	0
G.O. Bonds	4,074	4,074	0	0	0	0	0	0	0	0	0
PAYGO	6,926	6,926	0	0	0	0	0	0	0	0	0
Total	76,003	49,667	4,098	22,238	3,693	3,890	3,840	3,750	3,569	3,496	0

OPERATING BUDGET IMPACT (\$000s)											
Maintenance				0	0	0	0	0	0	0	0
Net Impact				0	0	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	3,693
Appropriation Request Est.	FY 18	3,890
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		53,765
Expenditure / Encumbrances		49,667
Unencumbered Balance		4,098

Date First Appropriation	FY 96
First Cost Estimate	
Current Scope	FY 17 79,003
Last FY's Cost Estimate	61,332

Description

FiberNet CIP provides for the planning, design, and installation of a county wide electro-optical communication network with the capacity to support voice, public-safety, traffic management, data, Internet access, wireless networking (including public WiFi) and video transmissions among Montgomery County Government (MCG), Montgomery County Public Schools (MCPS), Montgomery College (MC), Maryland National Capital Park and Planning Commission (M-NCPPC), Housing Opportunities Commission (HOC) and Washington Suburban Sanitary Commission (WSSC) facilities. FiberNet is the communications backbone for the Public Safety Radio and Public Safety Mobile Data Systems (collectively, Public Safety Communications System (PSCS)), and future technology implementations (including 800 MHz IP public safety radio). FiberNet's outside physical plant has a practically unlimited useful life. Upgrades and replacements to electronic components in the core and at user sites will be required periodically throughout the service life. Each generation of FiberNet electronic components have an estimated useful life of at least 10 years. FiberNet I is a legacy network still used to support specific public safety and traffic communications. FiberNet II is being used to support all County communications services including 311, e-mail, Internet and local cable channel video. FiberNet III is in the pilot and planning phase. When implemented, FiberNet III equipment will allow faster, higher capacity, more reliable means of optical networking. Using optical technology, all three generations of FiberNet can be run on the same outside physical plant.

Estimated Schedule

At the end of FY15, FiberNet reached 476 Locations. Based on the current funding schedule, FiberNet is scheduled to reach 526 Locations by the end of FY16; 551 locations by the end of FY17; and 576 locations by the end of FY18. The Traffic Management network reaches over 210 traffic cameras and 850 traffic signals with plans to add 200 pedestrian safety beacons. By the end of FY18 - and including sites connected by private carriers and institutional partners - FiberNet is expected to have a total of more than 1,825 sites on the network serving a tremendous variety of facilities from pedestrian beacons, wine and liquor stores to major campus networks and large multi-story office buildings. The focus remains on the completion of adding MCPS elementary schools, performing hub-site upgrades, adding new sites and constructing inter-jurisdictional connections to enable cost-effective future technology partnerships such as supporting fiber to the University of Maryland along the Purple Line and the Federal Exchange's 100G pilot.

Cost Change

Fibernet (P509651)

Cost change is due to addition of FY21 and FY22 to this project, major hub relocations and upgrades, IP video distribution, registering and monitoring underground plant with Miss Utility, supporting Government and Educational ultraMontgomery broadband initiatives, and completing new site constructions. Portions of funds are intended to be used to support fiber to the University of Maryland along the Purple Line. Expenditure increase is funded by restricted-use Cable Fund PEG/I NET capital grant revenue that the county has a legal obligation to spend on appropriate uses.

Justification

FiberNet is a critical infrastructure asset providing communication services and applications to every agency in Montgomery County. As more services are offered electronically (e-applications, e-payment, e-document, e-storage, e-learning) it is critical that every County location has robust access to FiberNet, and that FiberNet be secure, reliable, and always-on.

Fiscal Note

There will be more restricted-use Cable Fund PEG/I NET capital grant funding available through the County's three cable franchise agreements because the County has demonstrated the continuing need for expansion and upgrade of the FiberNet network. Previously, funding for the FiberNet CIP was provided by the General Fund, Cable Fund cable franchise fees, and restricted-use Cable Fund PEG/I NET capital grants. Funding for future years of the FiberNet CIP will be from restricted-use Cable Fund PEG/I NET capital grants. FiberNet operations and maintenance (O&M) activities are a critical component of FiberNet's utility but are not funded by the FiberNet CIP. O&M expenses have been partially funded by a Comcast FiberNet operations grant. In the renewed Comcast franchise transmitted by the County Executive for Council approval, restricted-use grant funding available to support FiberNet O&M will be reduced and a greater portion of FiberNet O&M will be funded by Cable Fund franchise fee revenue.

Coordination

DTS, Department of Transportation, Advanced Transportation Management System Project, Montgomery County Public Schools, M-NCPPC, MC, HOC, WSSC, PSCS, Information Technology Policy Coordination Committee (ITPCC), ITPCC CIO Subcommittee, and Interagency Technology Advisory Group (ITAG).

Integrated Justice Information System (P340200)

Category General Government
 Sub Category Technology Services
 Administering Agency Technology Services (AAGE05)
 Planning Area Countywide

Date Last Modified 4/26/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,200	0	1,200	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	14,623	14,154	313	156	156	0	0	0	0	0	0
Total	15,823	14,154	1,513	156	156	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	10,443	8,774	1,513	156	156	0	0	0	0	0	0
Federal Aid	5,380	5,380	0	0	0	0	0	0	0	0	0
Total	15,823	14,154	1,513	156	156	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	100
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		15,723
Expenditure / Encumbrances		14,164
Unencumbered Balance		1,559

Date First Appropriation	FY 02
First Cost Estimate	
Current Scope	FY 17 15,823
Last FY's Cost Estimate	15,667

Description

The Integrated Justice Information System (IJIS) will facilitate the exchange of data about criminals and criminal activity between Montgomery County agencies, the State of Maryland, and the Federal government. IJIS will simplify the steps for users to access data such as warrant and criminal background checks, while maintaining proper security and automatically exchanging data between appropriate agencies and systems. IJIS will be designed, implemented, and maintained to provide timely and appropriate data to field personnel in a clear and effective manner. Most field personnel will log on via a secure web site and view a simple menu of reports to access the data appropriate to their job function (e.g., a criminal background check on prisoners about to be released). IJIS will also be capable of routing data and/or warnings to the appropriate systems and personnel when certain events occur (e.g., if a person in the custody of the County is listed on a warrant from another jurisdiction). IJIS will link different data systems that are required to exchange data (e.g., arrest data between the Police department, the State of Maryland, the Courts, the Department of Correction and Rehabilitation, and the Federal Bureau of Investigation). The implementation of the Food Services and Time Scheduling modules of the Corrections and Rehabilitation Information Management System (CRIMS) will provide for an integrated Food Services solution allowing the easy identification of offenders requiring specialized diets based on, for example, medical needs. The Time Scheduling module will allow for the integration to MCTime, allowing for end-to-end scheduling and payroll activities.

Estimated Schedule

Estimated completion date for project is FY17.

Cost Change

Cost change is due to addition of funds to address security issues and to implement an efficient expungement process.

Justification

IJIS will directly improve the delivery of public safety services to the estimated one million residents of Montgomery County and facilitate easier data transfers between Montgomery County and both the State and Federal public safety agencies. Criminal justice agencies in Montgomery County have embarked upon major business process changes by introducing the use of open and flexible information technology systems. Currently criminal justice agencies utilize a single system to hold criminal justice-related data known as the Criminal Justice Information System (CJIS). CJIS has reached the end of its useful life, especially with respect to changes to data structure and functionality. As new systems go on-line, data must still be exchanged between all the criminal justice agencies (e.g., outstanding arrest warrants, warnings about former prisoners if they are picked up in an arrest after their incarceration, domestic violence information, etc.). If this data is not exchanged properly, the lives of public safety personnel and the general public could be endangered. An interagency project team has developed a detailed design and business process analysis for an Integrated Justice Information System (IJIS) that will ensure that criminal justice agencies can accomplish their individual mission goals, while still exchanging data that is vital to the public's safety.

Fiscal Note

In FY16, \$56,000 in Current Revenue was transferred from the Voice Mail System Replacement CIP (P340700). Addition of \$100,000 to address security issues and implement an efficient expungement process.

Coordination

Integrated Justice Information System (P340200)

Department of Technology Services, Criminal Justice Coordinating Commission and member agencies, Office of Management and Budget, Office of Intergovernmental Relations, State of Maryland , United States Department of Justice, Public Safety Communications Systems project team

ultraMontgomery (P341700)

Category General Government
Sub Category Technology Services
Administering Agency Technology Services (AAGE05)
Planning Area Countywide

Date Last Modified 5/9/16
Required Adequate Public Facility No
Relocation Impact None
Status Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	475	0	0	475	25	130	230	30	30	30	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	4,049	0	0	4,049	1,099	550	450	650	650	650	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	4,524	0	0	4,524	1,124	680	680	680	680	680	0
FUNDING SCHEDULE (\$000s)											
Cable TV	4,524	0	0	4,524	1,124	680	680	680	680	680	0
Total	4,524	0	0	4,524	1,124	680	680	680	680	680	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,124
Appropriation Request Est.	FY 18	680
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	0

Description

The ultraMontgomery CIP provides for capital funding to support Montgomery County's ultraMontgomery economic development program. Funding will support planning, engineering, design, and construction of: 1.) construction of an East County Fiber Highway to interconnect FiberNet in White Oak to Maryland's Inter-County Broadband Network (ICBN) and the Johns Hopkins University Applied Physics Lab (APL); 2.) creation of a 100 gigabit Federal Exchange network, beginning with interconnection of the County's FiberNet communications network to the federal agencies, National Institute of Technology Standards (NIST) and the National Cybersecurity Center of Excellence (NCCoE); 3.) design and engineering between Bethesda, Silver Spring and the University of Maryland College Park under or near the Purple Line transit route; and 4.) interconnection of FiberNet to high capacity, low-latency, dark fiber networks that reach 35 data centers in Ashburn, VA and multi-tenant data centers within Montgomery County.

Estimated Schedule

The NIST/NCCoE interconnections will be completed in FY16. Design and engineering for the East County Fiber Highway will be completed in FY16, with construction expected to be completed within FY18. Ashburn dark fiber route and data center interconnections will be coordinated with private sector construction, but are anticipated to be completed within FY17. Design and engineering along or near the Purple Line is expected to begin in FY17, but is dependent on the Purple Line and third-party construction schedules.

Justification

ultraMontgomery was officially launched by the County Executive in December 2014 as one of the County Executive's Six Economic Priorities. ultraMontgomery is designed to expand the STEM (science, technology, engineering, mathematics) and STEAM (STEM plus art and design) jobs and businesses that depend on high-speed, secure, and reliable broadband services and networks. The ultraMontgomery program focuses on four areas: government and education; economic and business development; connected communities; and public awareness and promotion. Federal, state and local governments, as well as community colleges and higher education entities, are both major employers within Montgomery County and increasing important partners to grow the cybersecurity, financial services, biotech and scientific innovation, Internet of Things, media, and next-generation Internet services and gigabit economy private sector businesses within the County. In addition, the County must ensure that all of our residents can participate in the Internet economy, and that the business community is aware of the breadth, diversity and robust assets and opportunities that exist within the County.

Other

FY16 ultraMontgomery funding was contained in the FiberNet CIP. FY16 and FY17 funding is provided from the Cable Fund PEG/I-Net Capital Grant and will be used consistent with the restricted government and educational purposes of that Grant.

Coordination

FiberNet (p509651) Purpleline Department of Transportation DTS Montgomery County Public Schools M-NCPPC MC HOC PSCS Information Technology Policy Coordination Committee (ITPCC) ITPCC CIO Subcommittee and Interagency Technology Advisory Group (ITAG)

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

	Total Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
General Government											
County Offices and Other Improvements											
Council Office Building Renovations (P010100)	40,191	3,955	627	21,395	14,214	0	0	0	0	0	4,275
Council Office Building Garage (P011601)	4,759	0	159	2,143	2,399	58	0	0	0	0	0
Technology Modernization - MCG (P150701)	134,408	110,412	19,361	4,636	0	0	0	0	0	0	0
Public Safety System Modernization (P340801)	110,816	35,269	16,828	17,448	25,435	16,035	0	0	0	0	1,180
Montgomery County Radio Shop Relocation (P360902)	7,981	53	8	608	4,009	3,303	0	0	0	0	0
MCPS Bus Depot and Maintenance Relocation (P360903)	33,500	111	27,038	8,175	175	0	0	0	0	0	6,175
IAQ Improvements Brookville Bldgs. D & E (P381102)	101	84	17	0	0	0	0	0	0	0	0
EOB HVAC Renovation (P381103)	8,000	0	0	0	0	0	2,000	6,000	0	0	0
Americans with Disabilities Act (ADA): Compliance (P381107)	41,000	6,087	7,913	4,500	4,500	4,500	4,500	4,500	4,500	0	0
MCPS Food Distribution Facility Relocation (P381111)	35,255	32,237	3,018	0	0	0	0	0	0	0	0
EOB & Judicial Center Traffic Circle Repair (P381200)	5,024	463	4,561	0	0	0	0	0	0	0	0
Energy Systems Modernization (P381302)	102,400	4,347	35,253	10,300	10,300	10,300	10,300	10,300	10,300	0	10,300
Facilities Site Selection: MCG (P500152)	519	259	110	25	25	25	25	25	25	0	25
401 Hungerford Drive Garage (P500705)	4,689	4,689	0	0	0	0	0	0	0	0	0
Red Brick Courthouse Structural Repairs (P500727)	18,462	587	4	0	0	0	1,041	889	9,675	7,268	0
Environmental Compliance: MCG (P500818)	18,043	8,436	2,208	1,387	1,401	1,400	1,400	1,400	1,400	0	1,387
Germantown Transit Center Improvements (P500926)	271	253	18	0	0	0	0	0	0	0	0
Energy Conservation: MCG (P507834)	1,563	23	640	150	150	150	150	150	150	0	150
Roof Replacement: MCG (P508331)	23,794	612	9,742	2,240	2,240	2,240	2,240	2,240	2,240	0	2,240
Asbestos Abatement: MCG (P508728)	874	108	188	100	100	100	100	100	100	0	100
Facility Planning: MCG (P508768)	10,535	8,555	420	360	160	260	260	260	260	0	360
HVAC/Elec Replacement: MCG (P508941)	13,931	1,481	2,250	1,150	1,150	1,150	2,250	2,250	2,250	0	1,135
Planned Lifecycle Asset Replacement: MCG (P5089514)	11,915	1,351	2,584	1,500	1,500	1,250	1,250	1,250	1,250	0	1,500
Resurfacing Parking Lots: MCG (P508914)	11,455	4,488	3,089	850	850	850	850	850	850	0	850
Elevator Modernization (P509823)	17,654	6,155	5,488	1,000	1,000	1,000	1,000	1,000	1,000	0	1,000
Life Safety Systems: MCG (P509870)	10,438	4,398	2,280	625	625	625	625	625	625	0	625
Temperature Controlled Liquor Warehouse (P850500)	776	0	776	0	0	0	0	0	0	0	0
DLC Liquor Warehouse (P850900)	53,119	53,119	0	0	0	0	0	0	0	0	0
Building Envelope Repair (P381501)	8,165	16	2,149	1,000	1,000	1,000	1,000	1,000	1,000	0	1,000
Rockville Core (P381702)	23,119	0	0	519	655	6,559	13,286	89	0	0	1,107
County Offices and Other Improvements	764,768	287,545	147,481	77,921	71,890	52,805	42,087	32,728	35,425	7,266	33,218
Technology Services											
Integrated Justice Information System (P340200)	15,823	14,154	1,513	156	0	0	0	0	0	0	100
Voice Mail System Replacement (P340700)	1,540	1,540	0	0	0	0	0	0	0	0	0
FiberNet (P509851)	76,003	49,667	4,088	3,693	3,890	3,840	3,750	3,559	3,498	0	3,683

* = Closeout or Pending Closeout

CIP230 - CC Approved

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 07/20/2016 9:07 AM

	Total Thru FY15	Est FY16	6 Year		FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6	
			Total	Yrs							Yrs	Approp.
ultraMontgomery (P341700)	4,524	0	4,524	0	1,124	680	680	680	680	680	0	1,124
Technology Services												
Other General Government												
ALARF: MCG (P316222)	44,532	4,448	24,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	0	0
Fuel Management (P361112)	4,471	3,032	1,439	0	0	0	0	0	0	0	0	0
Old Blair Auditorium Reuse (P361113)	12,894	544	656	100	0	0	0	0	0	100	11,684	0
Other General Government	61,987	8,024	18,179	24,100	4,000	4,000	4,000	4,000	4,000	4,100	11,684	0
Technology Investment Fund												
Technology Investment Loan Fund (P318485)	2	0	2	0	0	0	0	0	0	0	0	0
ERP Requirements Study (P320400)	0	0	0	0	0	0	0	0	0	0	0	0
Performance Improvement-Tax System (P328684)	1,277	1,252	25	0	0	0	0	0	0	0	0	0
Technology Investment Fund	1,279	1,252	27	0	0	0	0	0	0	0	0	0
Economic Development												
Wheaton Redevelopment Program (P150401)	167,984	9,320	6,058	152,606	81,485	52,046	19,075	0	0	0	0	8,866
Long Branch Town Center Redevelopment (P150700)	300	0	100	200	200	0	0	0	0	0	0	0
White Flint Redevelopment Program (P151200)	6,003	1,365	1,063	3,575	975	760	460	460	460	460	0	160
Universities at Shady Grove Expansion (P151201)	20,000	5,000	10,000	5,000	5,000	0	0	0	0	0	0	5,000
Life Sciences and Technology Centers (P789057)	2,270	2,226	44	0	0	0	0	0	0	0	0	0
Conference Center Garage (P781401)	1,500	44	1,456	0	0	0	0	0	0	0	0	0
White Oak Science Gateway Redevelopment Project (P361701)	1,840	0	0	1,840	360	360	360	360	200	200	0	360
Economic Development	199,897	17,955	18,721	163,221	88,020	53,166	19,895	820	660	660	0	14,366
General Government	1,116,811	380,137	190,029	526,686	174,914	133,426	81,020	51,337	41,637	44,361	18,850	52,522

* = Closeout or Pending Closeout

CIP230 - CC Approved

COUNTY GOVERNMENT

PUBLIC SAFETY

**Correction and Rehabilitation
Sheriff
Fire and Rescue Service
Police**

Criminal Justice Complex (P421100)

Category
Sub Category
Administering Agency
Planning Area

Public Safety
Correction and Rehabilitation
General Services (AAGE29)
Rockville

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
Yes
Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	4,207	744	727	2,736	0	0	1,368	1,368	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	4,207	744	727	2,736	0	0	1,368	1,368	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	2,839	744	727	1,368	0	0	684	684	0	0	0
State Aid	1,368	0	0	1,368	0	0	684	684	0	0	0
Total	4,207	744	727	2,736	0	0	1,368	1,368	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,471
Expenditure / Encumbrances		751
Unencumbered Balance		720

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY 15
Last FY's Cost Estimate	4,207

Description

This project provides for the design of a Criminal Justice Complex (CJC). The CJC will be constructed on the site of the existing District One Police Station located at the north end of Seven Locks Road. The primary function at CJC will be to operate as the Intake Unit, providing psychological and medical screening, risk assessment to determine the appropriate classification level of inmates for security assessment or deflection, initial care, custody, and security of inmates for up to 72 hours prior to transfer to the Montgomery County Correctional Facility (MCCF) in Clarksburg. The maximum number of beds at the CJC will be approximately 200, some of which may not be in hard spaces. In addition, the Central Processing Unit (CPU) will provide processing of arrested offenders by law enforcement. Other uses include: District Court Commissioners' area; Department of Health and Human Services Mental Health Assessment and Placement Unit; Pre-Trial Services Assessment Unit; Public Defenders Unit; and the Police Warrants and Fugitive Unit. The project incorporates technical requirements from the Detention Center Reuse project in addition to updated space requirements developed by an interagency working group, and will incorporate the results of a workgroup studying correctional population trends.

Location

1451 Seven Locks Road, Rockville, MD

Estimated Schedule

The schedule reflects beginning design in FY19.

Justification

This project is consistent with Council Resolution 13-356 passed by the County Council on December 5, 1995 which approved two jail facilities at two locations - Rockville and Clarksburg - as priority public safety uses. The renovation of the existing MCDC facility (Detention Center Reuse Project No. 429755) was determined not to be cost effective due to the need for significant capital expenditures, life cycle costs, and continued maintenance as a result of aging systems. It was determined to be cost effective to replace MCDC with a new Criminal Justice Complex facility.

Disclosures

A pedestrian impact analysis has been completed for this project.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

County Council, Department of Correction and Rehabilitation, Department of General Services, Department of Technology Services, Office of Management and Budget, Department of Police, Sheriff's Office, District Court of Maryland, Montgomery County Fire and Rescue Service, Department of Health and Human Services, Washington Gas, PEPCO, City of Rockville, State of Maryland, Community Representatives

Pre-Release Center Dietary Facilities Improvements(P420900)

Category
Sub Category
Administering Agency
Planning Area

Public Safety
Correction and Rehabilitation
General Services (AAGE29)
Rockville

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,625	119	514	992	474	158	190	170	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	461	0	0	461	0	461	0	0	0	0	0
Construction	4,919	0	0	4,919	0	2,389	2,530	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	7,005	119	514	6,372	474	3,008	2,720	170	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	3,502	119	234	3,149	71	188	2,720	170	0	0	0
State Aid	3,503	0	280	3,223	403	2,820	0	0	0	0	0
Total	7,005	119	514	6,372	474	3,008	2,720	170	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				24	0	0	0	8	8	8	
Maintenance				33	0	0	0	11	11	11	
Net Impact				57	0	0	0	19	19	19	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	327
Appropriation Request Est.	FY 18	5,342
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,033
Expenditure / Encumbrances		119
Unencumbered Balance		914

Date First Appropriation	FY 11	
First Cost Estimate		
Current Scope	FY 15	7,005
Last FY's Cost Estimate		6,797

Description

This project provides for renovation and expansion of the kitchen and dining areas, the replacement of kitchen equipment including more cost effective natural gas appliances, and upgrading the kitchen's electrical and ventilation systems.

Location

11651 Nebel Street, Rockville

Capacity

The population of the Pre-Release Center (PRC) varies from approximately 130 to 167 residents and a staff of 68 employees operating in shifts.

Estimated Schedule

Design will begin in fall 2015. Construction will begin in summer 2017.

Cost Change

The cost change is due to escalation.

Justification

The kitchen within the PRC was built in 1978. The kitchen was originally designed for 100 residents, but now serves an average of 150 and is projected to reach 171 within 20 years. There has not been any update of the kitchen and related food service and food storage areas since 1978.

Fiscal Note

This project is eligible for State funding of up to 50 percent of project costs.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Department of Correction and Rehabilitation, Department of General Services, Department of Technology Services, Pre-Release Center, City of Rockville, Washington Gas

Apparatus Replacement Program (P451504)

Category Public Safety
 Sub Category Fire/Rescue Service
 Administering Agency Fire/Rescue Service (AAGE09)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	73,349	12	23,810	49,527	9,421	8,227	6,594	8,616	8,262	8,407	0
Total	73,349	12	23,810	49,527	9,421	8,227	6,594	8,616	8,262	8,407	0

FUNDING SCHEDULE (\$000s)											
Fire Consolidated	30,234	12	5,732	24,490	3,721	3,027	2,394	5,116	5,116	5,116	0
Short-Term Financing	43,115	0	18,078	25,037	5,700	5,200	4,200	3,500	3,146	3,291	0
Total	73,349	12	23,810	49,527	9,421	8,227	6,594	8,616	8,262	8,407	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	9,421
Appropriation Request Est.	FY 18	8,227
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		23,822
Expenditure / Encumbrances		3,622
Unencumbered Balance		20,200

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	56,324

Description

This project provides for ongoing replacement of fire apparatus and EMS vehicles. The following units are anticipated to be replaced over the six year period: 5 aerials, 48 EMS units (ambulances), 22 engines, 3 all-wheel drive brush/wildland pumpers, 4 rescue squads and 1 tanker. These are approximate quantities and may require slight adjustment as costs and departmental needs are determined on an annual basis. The regular acquisition of replacement fire apparatus is an integral component of the MCFRS Apparatus Management Plan as adopted by the Council.

Estimated Schedule

Apparatus Replacement is an ongoing project. The intention is to provide a steady and continuous flow of funding for minimum replacement needs.

Cost Change

Cost increase is due to the addition of FYs21-22 to the program.

Justification

The 2009 edition of the NFPA 1901 "Standard for Automotive Fire Apparatus" advises the following: changes, upgrades, and fine tuning to NFPA 1901, Standard for Automotive Fire Apparatus, have been truly significant, especially in the area of safety. Fire departments should seriously consider the value (or risk) to firefighters of keeping fire apparatus older than 15 years in first-line service." Regular apparatus replacement is identified in the current "Fire, Rescue, Emergency Medical Services, and Community risk Reduction Master Plan," as approved by the County Council. The last significant fire apparatus replacement occurred in FY06. All of the fire apparatus purchased with FY06 funds is now out of warranty.

Fiscal Note

This project will be funded with short term financing and the Consolidated Fire Tax District Fund which includes Emergency Medical Service Transport (EMST) revenue. Fire Consolidated current revenue shown above reflects the outright purchase of some apparatus and required non-financeable equipment. Debt Service will be paid for in the operating budget with EMST revenue as a primary funding source.

Disclosures

Expenditures will continue indefinitely.

Coordination

Local Volunteer Fire and Rescue Departments.

Clarksburg Fire Station (P450300)

Category
Sub Category
Administering Agency
Planning Area

Public Safety
Fire/Rescue Service
General Services (AAGE29)
Clarksburg

Date Last Modified 5/9/16
Required Adequate Public Facility No
Relocation Impact None
Status Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	4,583	714	0	3,869	0	565	1,230	1,105	969	0	0
Land	1,663	1,663	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4,787	2	0	4,785	0	0	944	1,509	2,332	0	0
Construction	11,612	0	0	11,612	0	0	488	7,445	3,679	0	0
Other	6,601	10	0	6,591	0	0	0	1,996	4,595	0	0
Total	29,246	2,389	0	26,857	0	565	2,662	12,055	11,575	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	29,246	2,389	0	26,857	0	565	2,662	12,055	11,575	0	0
Total	29,246	2,389	0	26,857	0	565	2,662	12,055	11,575	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				75	0	0	0	0	0	75	
Maintenance				85	0	0	0	0	0	85	
Net Impact				160	0	0	0	0	0	160	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,226
Expenditure / Encumbrances		2,389
Unencumbered Balance		837

Date First Appropriation	FY 03
First Cost Estimate	
Current Scope	FY 17 29,246
Last FY's Cost Estimate	28,409

Description

This project provides for a new Fire and Rescue Station in the Clarksburg area and the purchase of associated apparatus. The new station will be constructed in accordance with square footage specifications of the prototype Program of Requirements (POR) for a Class I Fire Station. A Class I Fire Station is approximately 22,600 gross square feet and includes apparatus bays, dormitory and support space, living and dining areas, administrative offices, and a meeting/training room. This station will include offices for a Battalion Chief, a Police satellite facility, additional space for the Upcounty Regional Services Center and personal protective equipment storage totaling 2,589 square feet. On-site parking will be provided. Fire/Rescue apparatus to be purchased for this station includes an aerial truck, a tanker and a brush truck.

Location

Clarksburg.

Estimated Schedule

The fire station planning and design is complete through the design development stage. Design to begin in FY18 with construction in FY19-21.

Cost Change

Cost increase is due to delay.

Justification

A new station will be necessary in this area due to the present and projected population density for the Clarksburg area. The Clarksburg population is expected to increase from 13,766 in 2010 to almost 40,000 by 2025. The Clarksburg Town Center is envisioned to include a mix of housing, commercial, retail, recreation and civic uses with the Clarksburg Historic District as the focal point. Residential areas include the Newcut Road neighborhood, the Cabin Branch neighborhood, the Ten Mile Creek area, the Ridge Road transition area, the Brink Road transition area, as well as projected residential development in the Transit Corridor District and the Gateway Center. This project is recommended in the Fire, Rescue, Emergency Medical Services and Community Risk Reduction Master Plan approved by the County Council in October 2005 and the Montgomery County Fire and Rescue Service Station Location and Resource Allocation Work Group, Phase I Report, "Need for Upcounty Fire-Rescue Resource Enhancements, October 14, 1999. Development of this facility will help Montgomery County meet the NFPA 1710 Guidelines.

Other

Project only includes cost to provide sewer service to the station. Alternative approaches to providing sewer service to the historic district are being explored.

Fiscal Note

The latest schedule reflects a six-month delay. Debt service for this project will be financed with Consolidated Fire tax District Funds.

Disclosures

Clarksburg Fire Station (P450300)

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Montgomery County Fire and Rescue Service, Department of Police, Upcounty Regional Services Center, Department of General Services, Department of Permitting Services, Department of Technology Services, M-NCPPC, State Highway Administration, WSSC, Special Capital Projects Legislation [Bill No. 07-06] was adopted by Council May 25, 2006 and reauthorization will be requested prior to construction.

Fire Stations: Life Safety Systems (P450302)

Category Public Safety
 Sub Category Fire/Rescue Service
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,038	838	50	150	50	50	50	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	3,291	688	1,430	1,173	285	444	444	0	0	0	0
Other	2	2	0	0	0	0	0	0	0	0	0
Total	4,331	1,528	1,480	1,323	335	494	494	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	4,331	1,528	1,480	1,323	335	494	494	0	0	0	0
Total	4,331	1,528	1,480	1,323	335	494	494	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	335
Appropriation Request Est.	FY 18	494
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,008
Expenditure / Encumbrances		1,765
Unencumbered Balance		1,243

Date First Appropriation	FY 03
First Cost Estimate	
Current Scope	FY 15 4,331
Last FY's Cost Estimate	4,331

Description

This project provides funding for the design and construction of modern life safety systems to protect fire/rescue stations and their occupants in the event of fire emergencies. Implementation of this project will help to minimize the dangers to life from fire, including smoke and fumes. The scope of the project encompasses fire alarms with voice capabilities, sprinkler activation for fire suppression, fire and smoke detection flow and tamper switches, and smoke control systems.

Estimated Schedule

Twenty Fire Station projects completed through FY15. Nine Fire Station projects are planned through FY19.

Justification

Numerous fire/rescue stations are in need of modern, basic life safety systems. In many older fire/rescue stations, there are no fire alarms or sprinklers. In case of fire, there could be significant exposure to loss of life and property. Several fire and rescue stations do not meet codes and have outdated fire alarm systems for which spare parts are no longer available and which can no longer be kept in reliable operation. Many of these fire/rescue stations were built years ago, and thus, were grandfathered under the fire code since the occupancy category has not changed. The outdated systems need to be replaced and updated to provide improved protection and comply with current codes.

Other

Fiscal Note

Debt service for this project will be financed with Consolidated Fire Tax District Funds.

Coordination

Montgomery County Fire and Rescue Service, Local Volunteer Fire and Rescue Departments, Department of General Services.

FS Emergency Power System Upgrade (P450700)

Category Public Safety
 Sub Category Fire/Rescue Service
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,521	1,566	155	800	160	160	160	160	160	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	5,619	2,999	420	2,200	440	440	440	440	440	0	0
Other	10	2	8	0	0	0	0	0	0	0	0
Total	8,150	4,567	583	3,000	600	600	600	600	600	0	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	8	8	0	0	0	0	0	0	0	0	0
G.O. Bonds	8,142	4,559	583	3,000	600	600	600	600	600	0	0
Total	8,150	4,567	583	3,000	600	600	600	600	600	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	540
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,810
Expenditure / Encumbrances		5,283
Unencumbered Balance		527

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	7,550

Description

This project involves installation of emergency generators in 29 fire and rescue facilities. This project will provide continuous operation of emergency equipment, HVAC, emergency lighting, security system, and fire alarm. All installations will be managed by the Department of General Services.

Estimated Schedule

Twenty Fire Stations completed through FY15. The last nine stations will be completed through FY21.

Cost Change

Change due to adding funding for FY 21.

Justification

The emergency power backup systems are essential for full facility operation in the event of power failure and especially during a large scale disaster situation. Each fire station requires full power support emergency operations, shelter for professional emergency responders, and essential disaster management operations. Most of the listed facilities are not equipped to meet operational needs during a long-term power outage. Careful evaluation resulted in the determination that most fire stations need to upgrade the size of their systems, while others need to reconstruct their emergency power electrical systems. This project allows facilities to continuously function at a normal power level during long-term power outages. Assessment study was prepared on December 22, 2004 by Montgomery County Fire and Rescue Service.

Coordination

Montgomery County Fire and Rescue Service, Local Volunteer Fire and Rescue Departments, Department of General Services, Department of Permitting Services.

Glen Echo Fire Station Renovation (P450702)

Category Public Safety
 Sub Category Fire/Rescue Service
 Administering Agency General Services (AAGE29)
 Planning Area Bethesda-Chevy Chase

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	202	2	0	200	0	0	200	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	202	2	0	200	0	0	200	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	202	2	0	200	0	0	200	0	0	0	0
Total	202	2	0	200	0	0	200	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2
Expenditure / Encumbrances		2
Unencumbered Balance		0

Date First Appropriation	FY 10	
First Cost Estimate		
Current Scope	FY 14	202
Last FY's Cost Estimate		202

Description

This project provides for a renovation of the existing 10,800 square feet space, including all HVAC, electrical and life safety systems, correction of code and ADA compliance issues and removal of hazardous material at the Glen Echo Fire Station. It also includes reallocation of existing space, complete interior building renovation, improvements in all living areas of the station, replacement of all building systems and a temporary facility. In addition, the project also provides for new construction of a 200 square feet covered patio, 360 square feet apparatus bay extension and 500 square feet gear storage/stairway.

Location

5920 Massachusetts Avenue, Potomac

Estimated Schedule

Preliminary design to begin in FY19.

Justification

Glen Echo Fire Station #11 is 52 years old. The station requires a major renovation to meet current and future fire/rescue services delivery requirements. In June 2001, the Station Location and Resources Allocation work group re-affirmed the need for a fire/rescue station in the Glen Echo area to be located on or in the immediate vicinity of the current station. This project is recommended in the Fire, Rescue, Emergency Medical Services, and Community Risk Reduction Master Plan approved by the County Council in October 2005.

Fiscal Note

Debt service for this project will be financed with Consolidated Fire Tax District Funds.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Montgomery County Fire and Rescue Service, Glen Echo Volunteer Fire Department, Department of General Services, Department of Permitting Services, Department of Technology Services, Maryland-National Capitol Park and Planning Commission, Bethesda/Chevy Chase Regional Services Center, Conduit Road Fire Board, Washington Suburban Sanitary Commission, Pepco, Washington Gas.

Glenmont FS 18 Replacement (P450900)

Category Public Safety
 Sub Category Fire/Rescue Service
 Administering Agency General Services (AAGE29)
 Planning Area Kensington-Wheaton

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Final Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	-----------	----------	---------------	-------	-------	-------	-------	-------	-------	--------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	3,109	1,949	1,089	71	71	0	0	0	0	0
Land	384	384	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,889	15	1,874	0	0	0	0	0	0	0
Construction	8,185	538	7,647	0	0	0	0	0	0	0
Other	1,211	38	1,173	0	0	0	0	0	0	0
Total	14,778	2,924	11,783	71	71	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	12,872	1,018	11,783	71	71	0	0	0	0	0
PAYGO	1,906	1,906	0	0	0	0	0	0	0	0
Total	14,778	2,924	11,783	71	71	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Energy				522	87	87	87	87	87	87
Maintenance				438	73	73	73	73	73	73
Net Impact				960	160	160	160	160	160	160

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		14,778
Expenditure / Encumbrances		10,899
Unencumbered Balance		3,879

Date First Appropriation	FY 10	
First Cost Estimate		
Current Scope	FY 15	14,778
Last FY's Cost Estimate		14,778

Description

This project provides for an approximately 22,600 gross square foot fire station to replace the current fire station located at the intersection of Georgia Avenue and Randolph Road. The recommended replacement fire-rescue station is a modified Class II station designed to meet current operational requirements and accommodate modern fire fighting apparatus. The project includes gear storage, decontamination, information technology rooms, and four apparatus bays. The project was delayed by selecting a new site for the station once design was nearly complete. An interim station will be operated during construction of the new station to minimize impact to the Maryland State Highway Administration (MSHA) Georgia Avenue/Randolph Road grade separated interchange project.

Location

Georgia Avenue and Randolph Road.

Estimated Schedule

Project delayed due to changes to building codes, unique site issues, and revising the schedule to align with MD State Highway Administration's Georgia Avenue/Randolph Road grade-separated interchange project. Design completed in late 2014, to be followed by bidding and a construction period of sixteen months with completion in late 2016. The interim station opened in early 2014 and will operate during the construction of the permanent station.

Justification

The Maryland State Highway Administration (SHA) plans to build a new intersection at Georgia Avenue and Randolph Road. This is a high priority road/transportation project for the County. The current station is located on the planned intersection site. The replacement fire station will be located on a different site but in proximity to the service area of the current station.

Fiscal Note

The project provides for the design and construction phase costs. Debt service for this project will be financed with Consolidated Fire Tax District Funds. There are no funds for fire apparatus included in the project budget.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Department of General Services, Department of Technology Services, Montgomery County Fire and Rescue Service, Department of Permitting Services, Maryland State Highway Administration, WSSC, PEPCO, WMATA, Mid-County Regional Services Center, Special Capital Projects Legislation [Bill No. 21-10] was adopted by Council November 30, 2010.

HVAC/Elec Replacement: Fire Stns (P458756)

Category Public Safety
 Sub Category Fire/Rescue Service
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,858	248	1,260	1,350	225	225	225	225	225	225	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	8,318	967	1,801	5,550	925	925	925	925	925	925	0
Other	1	1	0	0	0	0	0	0	0	0	0
Total	11,177	1,216	3,061	6,900	1,150	1,150	1,150	1,150	1,150	1,150	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	11,177	1,216	3,061	6,900	1,150	1,150	1,150	1,150	1,150	1,150	0
Total	11,177	1,216	3,061	6,900	1,150	1,150	1,150	1,150	1,150	1,150	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,150
Appropriation Request Est.	FY 18	1,150
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,277
Expenditure / Encumbrances		1,256
Unencumbered Balance		3,021

Date First Appropriation	FY 87
First Cost Estimate	
Current Scope	FY 17 11,177
Last FY's Cost Estimate	9,047

Description

This project provides funding for the replacement and renovation of heating, ventilation, and air-conditioning (HVAC) and electrical systems that are in poor and deteriorating condition at various fire stations.

Estimated Schedule

One fire station project is planned per year from FY17 through FY22.

Cost Change

Cost increase is due to the addition of funding for FY21 and FY22, partially offset by capitalizing prior year expenditures.

Justification

The replacement and repair of HVAC systems at fire stations reduces the need for expensive emergency repairs and increases energy efficiency. The design of the HVAC system is unique in each facility; therefore, the scope and cost for each station varies. Current candidate projects were identified through a HVAC and electrical systems condition assessment study for fifteen fire stations in June 2007. The study recommends that HVAC and electrical systems at 15 fire stations be renovated.

Fiscal Note

Debt service for this project will be financed with Consolidated Fire Tax District Funds.

Disclosures

Expenditures will continue indefinitely.

Coordination

Montgomery County Fire and Rescue Service, Local Volunteer Fire and Rescue Departments, Department General Services, Division of Building Design & Construction, Department of Permitting Services

Kensington (Aspen Hill) FS 25 Addition (P450903)

Category Public Safety
 Sub Category Fire/Rescue Service
 Administering Agency General Services (AAGE29)
 Planning Area Kensington-Wheaton

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,826	197	1,201	1,428	760	668	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,539	3	0	2,536	1,900	636	0	0	0	0	0
Construction	10,895	556	0	10,339	5,766	4,573	0	0	0	0	0
Other	909	0	0	909	64	845	0	0	0	0	0
Total	17,169	756	1,201	15,212	8,490	6,722	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	17,169	756	1,201	15,212	8,490	6,722	0	0	0	0	0
Total	17,169	756	1,201	15,212	8,490	6,722	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				220	0	24	49	49	49	49	
Maintenance				279	0	31	62	62	62	62	
Net Impact				499	0	55	111	111	111	111	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	14,159
Appropriation Request Est.	FY 18	1,053
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,957
Expenditure / Encumbrances		756
Unencumbered Balance		1,201

Date First Appropriation	FY 10
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	16,167

Description

Kensington (Aspen Hill) Fire Station #25 is an existing 12,000 square foot facility at 14401 Connecticut Avenue serving a densely populated area. This project provides for an additional 13,443 square feet for a Battalion Chief's operational office, increased administrative offices, dormitory space, and living and dining areas, two new apparatus bays and associated storage areas. A renovation of the existing interior finishes and a HVAC replacement are also included in the project.

Location

14401 Connecticut Ave, Silver Spring

Estimated Schedule

Design is complete through 80% construction documents. Final design will begin in FY16 and will be updated to new codes. The bidding and construction process will begin in FY17.

Cost Change

Increase is due to new Code requirements and escalation.

Justification

The existing fire station was constructed in 1988. The growth in the Aspen Hill area has put a greater demand on this fire station. The current facility is lacking space for the number of career firefighters and command officers assigned to this location, as well as sufficient space for fire apparatus. Plans and studies include the Fire, Rescue, Emergency Medical Services, and Community Risk Reduction Master Plan, October 2005 and the Station Location and Resource Allocation Study Report, September 2006.

Other

Sufficient land exists on the existing property for the addition.

Coordination

Department of General Services, Department Technology Services, Montgomery County Fire and Rescue Service, Kensington Volunteer Fire Department, Mid-County Regional Services Center, Washington Gas, Maryland-National Capitol Park and Planning Commission, Washington Suburban Sanitary Commission, PEPCO.

Resurfacing: Fire Stations (P458429)

Category Public Safety
 Sub Category Fire/Rescue Service
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	672	62	106	504	84	84	84	84	84	84	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	1,957	0	661	1,296	216	216	216	216	216	216	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	2,629	62	767	1,800	300	300	300	300	300	300	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	2,629	62	767	1,800	300	300	300	300	300	300	0
Total	2,629	62	767	1,800	300	300	300	300	300	300	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	300
Appropriation Request Est.	FY 18	300
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		829
Expenditure / Encumbrances		242
Unencumbered Balance		587

Date First Appropriation	FY 84
First Cost Estimate	
Current Scope	FY 17 2,629
Last FY's Cost Estimate	2,749

Description

This project provides for the repair and replacement of paved surfaces at fire and rescue stations where existing paved surfaces are in poor and deteriorating condition.

Estimated Schedule

Scheduling is determined through annual inspections performed by the Department of General Services, Division of Building Design and Construction, in consultation with the Montgomery County Fire and Rescue Service. The station schedule displays anticipated priorities only and may be amended, if required, due to fire station pavement safety considerations.

Cost Change

The increase is due to the addition of funding in FY21 and FY22, partially offset by capitalizing prior year expenditures.

Justification

The current candidate project list was determined by a survey conducted by the Department of General Services, Division of Building Design and Construction. The ongoing project need for exterior resurfacing at fire and rescue stations is due to the continuous use by heavy equipment such as pumpers and ladder trucks. While surfaces at some stations have lasted many years, others have deteriorated and failed in less than seven years.

Fiscal Note

Debt service for this project will be financed with Consolidated Fire Tax District Funds.

Disclosures

Expenditures will continue indefinitely.

Coordination

Montgomery County Fire and Rescue Service, Local Volunteer Fire and Rescue Departments, Department of General Services

Rockville Fire Station 3 Renovation (P450105)

Category
Sub Category
Administering Agency
Planning Area

Public Safety
Fire/Rescue Service
General Services (AAGE29)
Rockville

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	500	0	0	500	0	0	500	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	500	0	0	500	0	0	500	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Fire Consolidated	500	0	0	500	0	0	500	0	0	0	0
Total	500	0	0	500	0	0	500	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	FY 15 500
Last FY's Cost Estimate	500

Description

This project provides partial funding for the renovation and enhancement of Rockville Fire Station 3, which was constructed in 1965. The scope of work includes: structural repairs; ADA accessibility improvements; an addition to increase living and bunk space; maintenance bay reconfiguration and conversion to locker area; and improvements in kitchen, living area, administrative area, and bunk rooms. Other facility repairs include replacement of the existing roof and paved parking lot surface. The enhanced station will be built on the existing Station 3 site.

Location

380 Hungerford Dr, Rockville

Justification

The present facility does not comply with current building or ADA code requirements for fire suppression sprinklers, HVAC and electrical systems, personnel living quarters, and work space. The consulting structural engineer recommended that a complete renovation to the existing facility would be more cost effective in the long-run than multi-year partial repairs. Architectural plans have been submitted and approved by the Rockville Volunteer Fire Department (RVFD) Board of Directors.

Other

The total project cost is expected to be \$5,478,000. This PDF reflects a one-time County contribution of \$500,000 for this project. The remaining expenditures will be mostly funded with non-tax funds provided by the Rockville Volunteer Fire Department (RVFD). Partial funding may also be provided through the State of Maryland Senator William H. Amoss Fire, Rescue, and Ambulance fund. The RVFD developed cost estimates for this project through an independent cost estimator. The RVFD will be the contract manager for this project.

Coordination

City of Rockville, Fire and Rescue Commission, Montgomery County Fire and Rescue Service, Department of General Services, Division of Capital Development, Rockville Volunteer Fire Department.

Roof Replacement: Fire Stations (P458629)

Category Public Safety
 Sub Category Fire/Rescue Service
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	565	289	0	276	46	46	46	46	46	46	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	20	20	0	0	0	0	0	0	0	0	0
Construction	3,096	212	1,048	1,836	306	306	306	306	306	306	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,681	521	1,048	2,112	352	352	352	352	352	352	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	3,681	521	1,048	2,112	352	352	352	352	352	352	0
Total	3,681	521	1,048	2,112	352	352	352	352	352	352	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	352
Appropriation Request Est.	FY 18	352
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,569
Expenditure / Encumbrances		661
Unencumbered Balance		908

Date First Appropriation	FY 85
First Cost Estimate	
Current Scope	FY 17 3,681
Last FY's Cost Estimate	3,392

Description

This project provides for the replacement of roofs at fire and rescue stations where existing roofs are in poor and deteriorating condition. Routine roof maintenance and minor repairs are funded in the Operating Budget. One station roof replacement is programmed annually. Roof replacements are coordinated with Montgomery County Fire and Rescue Service and are consistent with the roof condition survey and facility assessment information to establish priorities.

Estimated Schedule

Six roof replacement projects are planned for FYs17-22.

Cost Change

The increase is due to the addition of funding in FY21 and FY22, partially offset by the technical adjustment of capitalizing prior year expenditures.

Justification

The age of many fire and rescue stations creates the need for this ongoing project. Additional factors determining the need for roof replacement are: design life span of roof materials, present roof condition, long-term utilization plans for the facility, and the probability of continued repairs. A roof condition survey was completed in Spring 2005.

Fiscal Note

Debt service for this project will be financed with Consolidated Fire Tax District Funds.

Disclosures

Expenditures will continue indefinitely.

Coordination

Montgomery County Fire and Rescue Service, Local Volunteer Fire and Rescue Departments, Department of General Services.

White Flint Fire Station #23 (P451502)

Category Public Safety
 Sub Category Fire/Rescue Service
 Administering Agency General Services (AAGE29)
 Planning Area Rockville

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Preliminary Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	4,220	0	100	4,120	254	905	1,291	842	828	0	0
Land	4,806	1,484	900	2,422	2,422	0	0	0	0	0	0
Site Improvements and Utilities	1,835	0	0	1,835	0	0	0	1,061	774	0	0
Construction	13,347	0	0	13,347	0	0	0	8,549	4,798	0	0
Other	4,354	0	0	4,354	0	0	0	2,145	2,209	0	0
Total	28,562	1,484	1,000	26,078	2,676	905	1,291	12,597	8,609	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	28,562	1,484	1,000	26,078	2,676	905	1,291	12,597	8,609	0	0
Total	28,562	1,484	1,000	26,078	2,676	905	1,291	12,597	8,609	0	0

OPERATING BUDGET IMPACT (\$000s)

Energy				85	0	0	0	0	0	85
Maintenance				99	0	0	0	0	0	99
Net Impact				184	0	0	0	0	0	184

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		7,669
Expenditure / Encumbrances		1,484
Unencumbered Balance		6,185

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 17 28,562
Last FY's Cost Estimate	27,829

Description

This project provides for a new five bay fire and rescue station in the Rockville/White Flint area and the purchase of associated apparatus. The new facility will be located on an acquired site located at the south-east quadrant of Route 355 and Randolph Road. The new station will be constructed in accordance with the general square footage specifications of the prototype program of requirements (POR) for a Class I fire station. A Class I fire station ranges from 19,550 to 20,135 gross square feet adjusted to meet specific site conditions and uses and includes apparatus bays, dormitory and support space, personnel living quarters, administrative offices and meeting/training room. This station will include offices for a Battalion Chief. A second floor is also being considered for Urban District Office use. Fire/Rescue apparatus to be purchased for this station includes a new EMS unit and related equipment.

Estimated Schedule

Planning and design will begin in FY16 with construction to begin in FY20 and conclude in FY21.

Cost Change

Cost increase is due to delay related to considering how best to integrate affordable housing in a way that optimizes the use of this valuable site.

Justification

The existing Rockville Fire Station #23, located at 121 Rollins Avenue has only two bays and is extremely undersized to meet the current response time. A new station is necessary in this area due to the present and projected population density for the Rockville and White Flint area. White Flint is experiencing fast growth, and the population is expected to increase. The White Flint sector is envisioned to include a mix of housing, commercial, retail, recreation, and civic uses with the White Flint District as the focal point. Relocation of Rockville Station #23 to the White Flint area is needed to better position the station in relation to the high-density development in the approved White Flint Sector Plan and to minimize response time to the Station's highest incident call load area. The new site is of sufficient size to accommodate the construction of a larger station which can house additional needed apparatus.

Other

A number of test fits have been conducted at the above proposed site located at the south-east quadrant of Route 355 and Randolph Road for the fire station and possible co-located affordable housing.

Fiscal Note

Debt service for this project will be financed with Consolidate Fire Tax District Funds.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Department of Housing and Community Affairs

2nd District Police Station (P471200)

Category	Public Safety	Date Last Modified	11/17/14
Sub Category	Police	Required Adequate Public Facility	Yes
Administering Agency	General Services (AAGE29)	Relocation Impact	None
Planning Area	Bethesda-Chevy Chase	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	796	295	382	119	119	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	1	1	0	0	0	0	0	0	0	0	0
Other	6,074	2,001	0	4,073	4,073	0	0	0	0	0	0
Total	6,871	2,297	382	4,192	4,192	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	6,871	2,297	382	4,192	4,192	0	0	0	0	0	0
Total	6,871	2,297	382	4,192	4,192	0	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				200	10	38	38	38	38	38	
Maintenance				184	9	35	35	35	35	35	
Net Impact				384	19	73	73	73	73	73	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		6,871
Expenditure / Encumbrances		2,350
Unencumbered Balance		4,521

Date First Appropriation	FY 12	
First Cost Estimate		
Current Scope	FY 14	6,871
Last FY's Cost Estimate		6,817

Description

This project provides for the County's estimated share of costs for a replacement district station for the 2nd Police District serving the Bethesda-Chevy Chase area and portions of Potomac and Silver Spring. The remainder of the project costs will be paid by a developer in return for acquiring the existing police station site from the County after the new station is built. The station will be a 32,200 gross square feet, four-story facility with parking located in the adjacent Parking Lot District (PLD) Garage 35, with direct connection to the new station.

Location

4823 Rugby Avenue, Bethesda, MD 20814

Estimated Schedule

Design commenced in 2014 and the project is expected to achieve substantial completion by the spring of 2017.

Justification

The current 2nd District Police Station was constructed over 50 years ago and serves the Bethesda-Chevy Chase area and portions of Potomac and Silver Spring. The current 21,700 gross square feet station is too small for staff and programmatic requirements and requires major building repairs and upgrades. A 2005 County Maintenance report outlined a need for \$200,000 in deferred maintenance; heating, ventilation, and air conditioning (HVAC) deficiencies; and security concerns. Continued population growth and development in the area also support the need for a new facility.

Other

A developer was selected via a Request for Qualifications and Development Proposals process. A General Development Agreement (GDA) with the selected developer has been executed. The GDA includes the terms by which the developer will design and build the facility in accordance with County requirements and outlines the exchange of the new station property for the old station property.

Fiscal Note

The County's contribution will be covered by the funding previously approved and paid to the developer in FY15. An adjustment has been made to the upfront payment to the Parking Lot District (PLD) to reflect the net increase in leased spaces.

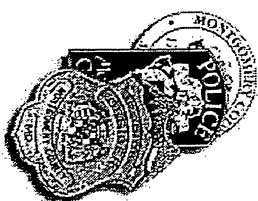
Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

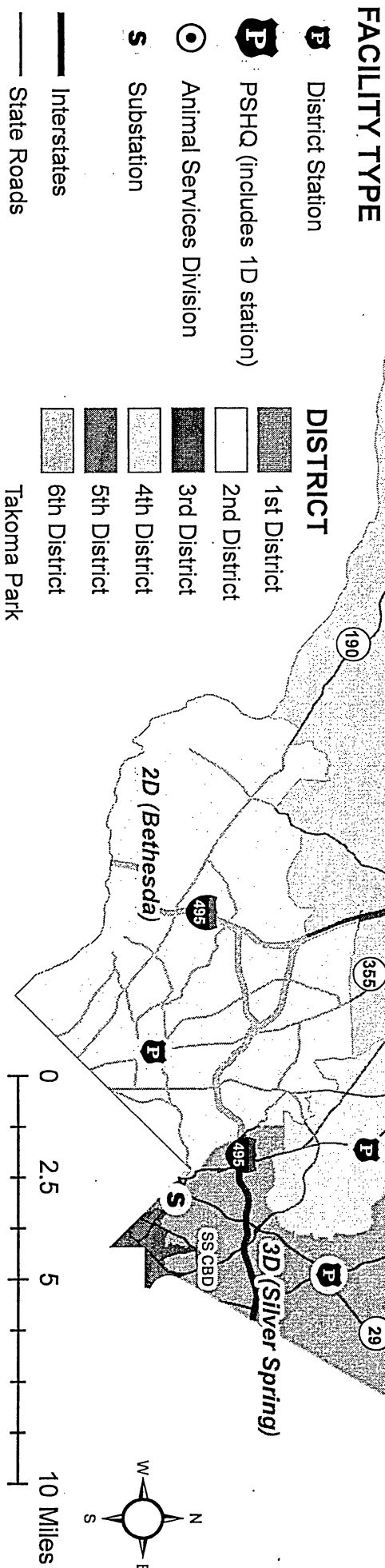
Coordination

Department of Police, Police Facilities, Department of General Services, Department of Permitting Services, Department of Technology Services, Bethesda-Chevy Chase Regional Services Center, Bethesda Parking Lot District (PLD)

Montgomery County Police Facilities



6-17



Judicial Center Annex (P100300)

Category Public Safety
 Sub Category Other Public Safety
 Administering Agency General Services (AAGE29)
 Planning Area Rockville

Date Last Modified 5/20/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Under Construction

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	-----------	----------	---------------	-------	-------	-------	-------	-------	-------	--------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	25,338	23,371	1,257	710	660	50	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	5,636	2	5,634	0	0	0	0	0	0	0
Construction	105,693	97,251	5,142	3,300	3,300	0	0	0	0	0
Other	3,491	3,231	260	0	0	0	0	0	0	0
Total	140,158	123,855	12,293	4,010	3,960	50	0	0	0	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	330	330	0	0	0	0	0	0	0	0
G.O. Bonds	130,191	113,888	12,293	4,010	3,960	50	0	0	0	0
Land Sale	4,457	4,457	0	0	0	0	0	0	0	0
Recordation Tax Premium	5,180	5,180	0	0	0	0	0	0	0	0
Total	140,158	123,855	12,293	4,010	3,960	50	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Energy				5,136	856	856	856	856	856	856
Maintenance				5,754	959	959	959	959	959	959
Program-Other				1,050	175	175	175	175	175	175
Net Impact				11,940	1,990	1,990	1,990	1,990	1,990	1,990

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		140,158
Expenditure / Encumbrances		130,293
Unencumbered Balance		9,865

Date First Appropriation	FY 03
First Cost Estimate	
Current Scope	FY 15
Last FY's Cost Estimate	140,158

Description

This project provides for the planning, design, and construction of a Montgomery County Judicial Center Annex, the Montgomery County Judicial Center HVAC renovation, and other needed renovations to Montgomery County Judicial Center. Associated requirements for items such as phasing, parking, and security are funded through this project. The existing Judicial Center has been renamed the Montgomery County Circuit Court.

Location

50 Monroe Street, Rockville, MD.

Estimated Schedule

Construction for the HVAC upgrades was completed in early 2011. The Judicial Center Annex was opened in April 2014. The remaining Judicial Center renovations, including first floor renovations and garage repairs, will be completed in 2017.

Justification

There are currently 22 Circuit Court Judges. The Judicial Center's 17 courtrooms are all assigned. Four Circuit Court Judges are assigned to other courthouses. There are no remaining courtroom spaces available in the three courthouses leaving no room for new Circuit Court judicial positions. The October 2003 needs assessment completed by URS Corporation projected that to handle the projected number of court filings, 28 judicial positions would be needed in 2015; 31 in 2020; and 34 in 2025. A projection was also made regarding the staff needed to support these positions in the Circuit Court, Clerk of the Court, Register of Wills, State's Attorney, and Sheriff's offices. The following studies have been completed as a part of this project: Judicial Center Annex Project Report (URS/ Fentress - 2003), Courtroom Utilization Study (URS/Fentress - 2003), Planning Drawings for Phases 1 and 2 of a Judicial Center Annex (URS - 2003). The project has also been included in studies completed for the Rockville Core Plan. Courtrooms are designed to meet National Center for State Court standards.

Other

Judicial Center Annex (P100300)

The Executive Branch provided the Council's Public Safety Committee with a progress briefing on the revised Program of Requirements validation, design of the HVAC renovations, and design development of the Annex. The Judicial Center Annex will be constructed with ten new courtrooms, four of which replace the existing courtrooms in the Grey Courthouse and Red Brick Courthouse. This project was first included in the Capital Improvements Program in FY03. It was assumed that the Annex could be designed to meet long-term needs and then be built in two phases to reduce short-term costs. Later studies by Department of Public Works and Transportation determined that two-phase construction of the Annex presents significant issues in terms of construction complexity and total project costs. Planning and design development for other County buildings in the Rockville Core as identified in the Government Core Facilities Optimization Master Plan Study are funded through the Montgomery County Government Complex project (PDF No. 360901). An architect was selected in 2007.

Fiscal Note

\$4,457,000 of General Obligation Bond funding was replaced with land sale proceeds in FY14. In FY14, \$530,000 in GO Bonds was transferred from Century Boulevard (P501115). FY15 transfer of \$500,000 in GO Bonds to PSTA & Multi Agency Service Park - Site Development (P470907). FY15 funding switch of \$65,000 from GO Bonds to Recordation Tax Premium.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Circuit Court, Sheriff's Office, State Attorney's Office, Register of Wills, Clerk of the Circuit Court, Department of General Services, Department of Technology Services, County Council, Criminal Justice Coordinating Commission, City of Rockville, Special Capital Projects Legislation [Bill No. 23-06], adopted by Council, June 13, 2006.

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 06/16/2016 2:02 PM

	Total Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
Public Safety											
Fire/Rescue Service											
Rockville Fire Station 3 Renovation (P450105)	500	0	0	500	0	0	0	0	0	0	0
Clarksburg Fire Station (P450300)	29,246	2,389	0	26,857	0	565	2,662	11,575	0	0	0
Fire Stations: Life Safety Systems (P450302)	4,331	1,528	1,480	1,323	335	494	494	0	0	0	335
Female Facility Upgrade (P450305)	2,512	1,510	1,002	0	0	0	0	0	0	0	0
* Cabin John Fire Station #30 Addition/Renovation (P450500)	11	10	1	0	0	0	0	0	0	0	0
* Travilah Fire Station (P450504)	17,090	16,480	610	0	0	0	0	0	0	0	0
* Wheaton Rescue Squad Relocation (P450505)	6,838	6,816	22	0	0	0	0	0	0	0	0
* Fire Apparatus Replacement (P450600)	31,550	30,996	554	0	0	0	0	0	0	0	0
FS Emergency Power System Upgrade (P450700)	8,150	4,567	583	3,000	600	600	600	600	0	0	0
Glen Echo Fire Station Renovation (P450702)	202	2	0	200	0	200	0	0	0	0	0
* Fire/Rescue Maintenance Depot Equipment(Southlawn) (P450801)	2,700	2,126	574	0	0	0	0	0	0	0	0
Glennmont FS 18 Replacement (P450900)	14,778	2,924	11,783	71	0	0	0	0	0	0	0
Kensington (Aspen Hill) FS 25 Addition (P450903)	17,169	756	1,201	15,212	8,490	6,722	0	0	0	0	14,159
Resurfacing: Fire Stations (P458429)	2,629	62	767	1,800	300	300	300	300	300	0	300
Roof Replacement: Fire Stations (P458629)	3,681	521	1,048	2,112	352	352	352	352	352	0	352
HVAC/Elec Replacement: Fire Stns (P458756)	11,177	1,216	3,061	6,900	1,150	1,150	1,150	1,150	1,150	0	1,150
White Flint Fire Station #23 (P451502)	28,562	1,484	1,000	26,078	2,676	905	1,291	12,597	8,609	0	0
Apparatus Replacement Program (P451504)	73,349	12	23,810	49,527	9,421	8,227	6,594	8,262	8,407	0	9,421
Fire/Rescue Service	254,475	73,399	47,496	133,580	23,395	19,315	14,143	35,670	30,848	10,209	25,717
Police											
6th District Police Station (P470301)	2,159	2,007	152	0	0	0	0	0	0	0	0
3rd District Police Station (P470302)	23,039	21,020	2,019	0	0	0	0	0	0	0	0
Animal Services and Adoption Center (P470400)	26,018	25,737	281	0	0	0	0	0	0	0	0
Outdoor Firearms Training Center (P470701)	3,282	3,253	29	0	0	0	0	0	0	0	0
* 5th District Police Station (P470900)	0	0	0	0	0	0	0	0	0	0	0
2nd District Police Station (P471200)	6,871	2,297	382	4,192	0	0	0	0	0	0	0
* PSTA Academic Building Complex (P479909)	8,544	2,844	175	5,525	175	5,175	175	0	0	0	0
Police	69,913	57,158	3,038	9,717	4,367	5,175	175	0	0	0	0
Correction and Rehabilitation											
Pre-Release Center Dietary Facilities Improvements(P420900)	7,005	119	514	6,372	474	3,008	2,720	170	0	0	327
Criminal Justice Complex (P421100)	4,207	744	727	2,736	0	0	1,368	1,368	0	0	0
DOCR Staff Training Center (P421101)	44	44	0	0	0	0	0	0	0	0	-16
* Detention Center Reuse (P429755)	6,991	6,517	474	0	0	0	0	0	0	0	0
Correction and Rehabilitation	18,247	7,424	1,715	9,108	474	3,008	4,088	1,538	0	0	311
Other Public Safety											

* = Closeout or Pending Closeout

CIP230 - CC Approved

Project	Funding Source	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Public Safety	PAYGO	7,503	7,503	0	0	0	0	0	0	0	0
	State Aid	2,350	794	1,556	0	0	0	0	0	0	0
	White Flint - Special Tax District	6,003	1,365	1,063	3,575	975	760	460	460	460	460
	Total Funding Sources	199,897	17,955	18,721	163,221	88,020	53,166	19,895	820	660	660
	Certificates of Participation	33,435	32,307	1,128	0	0	0	0	0	0	0
	Contributions	2,890	2,609	281	0	0	0	0	0	0	0
	Current Revenue: General	408	408	0	0	0	0	0	0	0	0
	Fire Consolidated	32,023	691	6,342	24,990	3,721	3,027	2,894	5,116	5,116	5,116
	G.O. Bonds	552,748	390,820	59,687	101,797	22,372	16,501	10,628	27,908	22,586	1,802
	Interim Finance	56,761	11,545	45,660	0	0	0	0	0	0	-444
	Land Sale	4,457	4,457	0	0	0	0	0	0	0	0
	PAYGO	23,459	23,459	0	0	0	0	0	0	0	0
Fire/Rescue Service	Recordation Tax Premium	5,180	5,180	0	0	0	0	0	0	0	0
	Short-Term Financing	43,115	0	18,078	25,037	5,700	5,200	4,200	3,500	3,146	3,291
	State Aid	5,724	853	280	4,591	403	2,820	684	684	0	0
	Total Funding Sources	760,200	472,329	131,456	156,415	32,196	27,548	18,406	37,208	30,848	10,209
	Certificates of Participation	33,435	32,307	1,128	0	0	0	0	0	0	0
	Contributions	815	815	0	0	0	0	0	0	0	0
	Current Revenue: General	8	8	0	0	0	0	0	0	0	0
	Fire Consolidated	32,023	691	6,342	24,990	3,721	3,027	2,894	5,116	5,116	5,116
	G.O. Bonds	136,357	30,856	21,948	83,553	13,974	11,088	7,049	27,054	22,586	1,802
	PAYGO	8,722	8,722	0	0	0	0	0	0	0	0
	Short-Term Financing	43,115	0	18,078	25,037	5,700	5,200	4,200	3,500	3,146	3,291
	Total Funding Sources	254,475	73,399	47,496	133,580	23,395	19,315	14,143	35,670	30,848	10,209
Police	Contributions	2,000	1,719	281	0	0	0	0	0	0	0
	G.O. Bonds	62,113	49,639	2,757	9,717	4,367	5,175	175	0	0	0
	PAYGO	5,800	5,800	0	0	0	0	0	0	0	0
	Total Funding Sources	69,913	57,158	3,038	9,717	4,367	5,175	175	0	0	0
	Contributions	75	75	0	0	0	0	0	0	0	0
	Current Revenue: General	70	70	0	0	0	0	0	0	0	0
Correction and Rehabilitation											

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 07/05/2016 12:53 PM

	6 Year				Beyond 6						
	Total	Est FY16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Yrs	Approp.	
Public Safety											
Fire/Rescue Service											
Rockville Fire Station 3 Renovation (P450105)	500	0	0	500	0	0	0	0	0	0	0
Clarksburg Fire Station (P450300)	29,246	2,389	0	26,857	0	565	2,662	12,055	11,575	0	0
Fire Stations: Life Safety Systems (P450302)	4,331	1,528	1,480	1,323	335	494	494	0	0	0	335
Female Facility Upgrade (P450305)	2,512	1,510	1,002	0	0	0	0	0	0	0	0
Cabin John Fire Station #30 Addition/Renovation (P450500)	11	10	1	0	0	0	0	0	0	0	0
Travilah Fire Station (P450504)	17,090	16,480	610	0	0	0	0	0	0	0	0
Wheaton Rescue Squad Relocation (P450505)	6,838	6,816	22	0	0	0	0	0	0	0	0
Fire Apparatus Replacement (P450600)	31,550	30,996	554	0	0	0	0	0	0	0	0
FS Emergency Power System Upgrade (P450700)	8,150	4,567	583	3,000	600	600	600	600	600	0	0
Glen Echo Fire Station Renovation (P450702)	202	2	0	200	0	0	0	0	0	0	0
Fire/Rescue Maintenance Depot Equipment(Southlawn) (P450801)	2,700	2,126	574	0	0	0	0	0	0	0	0
Glenmont FS 18 Replacement (P450900)	14,778	2,924	11,783	71	71	0	0	0	0	0	0
Kensington (Aspen Hill) FS 25 Addition (P450903)	17,169	756	1,201	15,212	8,490	6,722	0	0	0	0	14,159
Resurfacing: Fire Stations (P458429)	2,629	62	767	1,800	300	300	300	300	300	0	300
Roof Replacement: Fire Stations (P458629)	3,681	521	1,048	2,112	352	352	352	352	352	0	352
HVAC/Elec Replacement: Fire Stns (P458756)	11,177	1,216	3,061	6,900	1,150	1,150	1,150	1,150	1,150	0	1,150
White Flint Fire Station #23 (P451502)	28,562	1,484	1,000	26,078	2,676	905	1,291	12,597	8,609	0	0
Apparatus Replacement Program (P451504)	73,349	12	23,810	49,527	9,421	8,227	6,594	8,616	8,262	8,407	9,421
	254,475	73,399	47,496	133,580	23,395	19,315	14,143	35,670	30,848	10,209	25,717
Fire/Rescue Service											
Police											
6th District Police Station (P470301)	2,159	2,007	152	0	0	0	0	0	0	0	0
3rd District Police Station (P470302)	23,039	21,020	2,019	0	0	0	0	0	0	0	0
Animal Services and Adoption Center (P470400)	26,018	25,737	281	0	0	0	0	0	0	0	0
Outdoor Firearms Training Center (P470701)	3,282	3,253	29	0	0	0	0	0	0	0	0
5th District Police Station (P470900)	0	0	0	0	0	0	0	0	0	0	0
2nd District Police Station (P471200)	6,871	2,297	382	4,192	4,192	0	0	0	0	0	0
PSTA Academic Building Complex (P479909)	8,544	2,844	175	5,525	175	5,175	175	0	0	0	0
	69,913	57,158	3,038	9,717	4,367	5,175	175	0	0	0	0
Police											
Correction and Rehabilitation											
Pre-Release Center Dietary Facilities Improvements(P420900)	7,005	119	514	6,372	474	3,008	2,720	170	0	0	327
Criminal Justice Complex (P421100)	4,207	744	727	2,736	0	0	1,368	1,368	0	0	0
DOC Staff Training Center (P421101)	44	44	0	0	0	0	0	0	0	0	-16
Detention Center Reuse (P429755)	6,991	6,517	474	0	0	0	0	0	0	0	0
	18,247	7,424	1,715	9,108	474	3,008	4,088	1,538	0	0	311
Correction and Rehabilitation											
Other Public Safety											

* = Closeout or Pending Closeout

CIP230 - CC Approved

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 07/05/2016 12:53 PM

	Total Thru FY15	Est FY16	6 Year			FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6	
			Total									Yrs	Approp.
Judicial Center Annex (P100300)	140,158	123,855	12,293	4,010	3,960	50	0	0	0	0	0	0	0
Public Safety Headquarters (P470906)	109,156	108,839	317	0	0	0	0	0	0	0	0	0	0
PSTA & Multi Agency Service Park - Site Dev. (P470907)	105,125	96,999	8,126	0	0	0	0	0	0	0	0	0	0
Public Safety Training Academy (PSTA) Relocation (P471102)	63,126	4,655	58,471	0	0	0	0	0	0	0	0	0	0
Other Public Safety	417,565	334,348	79,207	4,010	3,960	50	0	0	0	0	0	0	0
Public Safety	760,200	472,329	131,456	156,415	32,196	27,548	18,406	37,208	30,848	10,209	0	26,028	0

* = Closeout or Pending Closeout

CIP230 - CC Approved

COUNTY GOVERNMENT

TRANSPORTATION

Bridges

Highway Maintenance

Mass Transit/WMATA

Parking

Pedestrian Facilities/Bikeways

Roads

Traffic Improvements

Bridge Design (P509132)

Category Transportation
Sub Category Bridges
Administering Agency Transportation (AAGE30)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	18,262	12,296	1,882	4,084	1,022	873	694	605	492	398	0
Land	425	425	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	78	78	0	0	0	0	0	0	0	0	0
Construction	92	92	0	0	0	0	0	0	0	0	0
Other	18	18	0	0	0	0	0	0	0	0	0
Total	18,875	12,909	1,882	4,084	1,022	873	694	605	492	398	0

FUNDING SCHEDULE (\$000s)											
Federal Aid	956	956	0	0	0	0	0	0	0	0	0
G.O. Bonds	16,133	10,960	1,089	4,084	1,022	873	694	605	492	398	0
Land Sale	15	15	0	0	0	0	0	0	0	0	0
PAYGO	340	340	0	0	0	0	0	0	0	0	0
State Aid	1,431	638	793	0	0	0	0	0	0	0	0
Total	18,875	12,909	1,882	4,084	1,022	873	694	605	492	398	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,226
Appropriation Request Est.	FY 18	669
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		15,097
Expenditure / Encumbrances		13,456
Unencumbered Balance		1,641

Date First Appropriation	FY 91
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	15,204

Description

This ongoing project provides studies for bridge projects under consideration for inclusion in the CIP. Bridge Design serves as a transition stage for a project between identification of need and its inclusion as a stand-alone construction project in the CIP. Prior to the establishment of a stand-alone project, the Department of Transportation will complete a design which outlines the general and specific features required on the project. Selected projects range in type, but typically consist of upgrading deficient bridges so that they can safely carry all legal loads which must be accommodated while providing a minimum of two travel lanes. Candidate projects currently included are listed below (Other).

Cost Change

Increase due to the addition of Glen Road Bridge #15, Mouth of Monocacy Bridge #43, and the addition of FY21 and FY22.

Justification

There is continuing need for the development of accurate cost estimates and an exploration of alternatives for proposed projects. Bridge design costs for all projects which ultimately become stand-alone PDFs are included here. These costs will not be reflected in the resulting individual project. Future individual CIP projects which result from bridge design will each benefit from reduced planning and design costs. Biennial inspections performed since 1987 have consistently shown that the bridges currently included in the project for design studies are in need of major rehabilitation or replacement.

Other

Candidates for this program are identified through the County Biennial Bridge Inspection Program as being deficient, load restricted, or geometrically substandard. The Planning, Design, and Supervision (PD&S) costs for all bridge designs include all costs up to contract preparation. At that point, future costs and Federal aid will be included in stand-alone projects. Candidate Projects: Elmhurst Parkway Bridge #MPK-13, Park Valley Road Bridge #MPK-03, Piney Meetinghouse Bridge #M-0021, Cedar Lane Bridge #M-0074, Valley Road Bridge #M-0111, Gold Mine Road Bridge #M-0096, Brink Road Bridge #M-0064, Garrett Park Road Bridge #M-0352, Beach Drive Bridge #MPK-24, Glen Road Bridge #M-0148, Glen Road Bridge #M-0015, and Mouth of Monocacy Bridge #M-0043.

Fiscal Note

FY16 transfer of \$299K from Glenmont Metro Parking Expansion (#500552); \$202K from Century Boulevard (#501115) and \$218K from Whites Ferry Road Bridges (#501301).

Disclosures

A pedestrian impact analysis has been completed for this project.

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Bridge Design (P509132)

Maryland-Department of the Environment, Maryland-Department of Natural Resources, Maryland-National Capital Park and Planning Commission, Montgomery County Department of Permitting Services, U.S. Army Corps of Engineers, Maryland State Highway Administration, Federal Highway Administration, Utility Companies, Maryland Historic Trust, CSX Transportation, Washington Metropolitan Area Transit Authority, Rural/Rustic Roads Legislation

Bridge Preservation Program (P500313)

Category Transportation
Sub Category Bridges
Administering Agency Transportation (AAGE30)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,649	1,618	173	858	143	143	143	143	143	143	0
Land	22	8	2	12	2	2	2	2	2	2	0
Site Improvements and Utilities	2	2	0	0	0	0	0	0	0	0	0
Construction	8,160	4,223	1,723	2,214	369	369	369	369	369	369	0
Other	2	2	0	0	0	0	0	0	0	0	0
Total	10,835	5,853	1,898	3,084	514	514	514	514	514	514	0

FUNDING SCHEDULE (\$000s)											
Federal Aid	366	366	0	0	0	0	0	0	0	0	0
G.O. Bonds	10,429	5,487	1,858	3,084	514	514	514	514	514	514	0
Intergovernmental	40	0	40	0	0	0	0	0	0	0	0
Total	10,835	5,853	1,898	3,084	514	514	514	514	514	514	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,028
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		7,751
Expenditure / Encumbrances		6,119
Unencumbered Balance		1,632

Date First Appropriation	FY 03
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	9,807

Description

This project includes actions or strategies that prevent, delay or reduce deterioration of bridge elements, restore the function of existing bridges, keep bridges in good condition and extend their useful life. Preservation actions may be preventive or condition driven. This project provides for removal of corrosion and installation of protective coatings on existing County steel bridges that have been identified as needing surface recoating through the Biennial Bridge Inspection Program. In addition, this project provides for the repair or replacement of leaking deck joints to minimize the deterioration and corrosion of bridge superstructure and substructure elements beneath the joints as identified through the Biennial Bridge Inspection Program. Bridge preservation field operations include the removal of the existing coating system which may contain hazardous materials; containment of blast cleaning and waste paint particles; disposal of the hazardous materials at a pre-approved disposal site, as required by Maryland and Federal environmental regulations; installation of protective coating system; joint repair or replacement, and inspection to ensure compliance with environmental and contract requirements.

Cost Change

Increase due to addition of FY21-22 to this on-going level of effort project.

Justification

The benefits of this program will include extending the useful service life of existing steel bridges, prevention of long-term structural deficiencies, decreases in vehicle load restrictions, and reduced potential road closures and public inconvenience. The long-term goal of this program will be to protect existing bridges and keep them in good condition to reduce bridge renovation/replacement costs. The expected life cycle of a coating system is 15 years. Candidate bridges for each year are identified based on the bridge coating evaluations under the Biennial Bridge Inspection Program and the available funds under the bridge preservation program. The County currently has 115 Highway and 29 Pedestrian steel girder, beam and truss structures in its bridge inventory. These numbers will change when steel highway or pedestrian bridges are added into or dropped from the County's bridge inventory. The degree of specialized work required to restore the protective coatings to in-service bridges is beyond the scope of routine operations. Proper protective coating systems are an essential component of bridge maintenance to prevent long-term structural steel deterioration. The County currently has 50 bridges with deck joints in its inventory. Damage both to the joint and to the portion of the bridge beneath the joint that is exposed to debris, water and deicing salts must be addressed and prevented to prolong the life of the bridge. Many defects identified through the Biennial Bridge Inspection Program are the direct result of bridges not being properly protected to withstand chemical and environmental elements. These defects include frozen and deteriorated steel bearings, corroded structural steel, and steel beam section loss.

Other

Sixty-four bridges have been repainted since the first contract in FY03. The "Intergovernmental" revenue shown in the funding schedule is from Howard County for its share of painting costs for two bridges that Montgomery County and Howard County share.

Disclosures

Expenditures will continue indefinitely.

Bridge Preservation Program (P500313)

Coordination

Maryland Department of Natural Resources, Maryland State Highway Administration, Occupational Safety and Health Administration, Maryland-National Capital Park and Planning Commission, Utilities, CSX Transportation, Washington Metropolitan Area Transit Authority, Montgomery County Department of Permitting Services, Bridge Renovation Program

Bridge Renovation (P509753)

Category Transportation
Sub Category Bridges
Administering Agency Transportation (AAGE30)
Planning Area Countywide

Date Last Modified 5/24/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,653	1,183	0	1,470	245	245	245	245	245	245	0
Land	2	2	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	15	15	0	0	0	0	0	0	0	0	0
Construction	9,236	571	4,135	4,530	755	755	755	755	755	755	0
Other	75	75	0	0	0	0	0	0	0	0	0
Total	11,981	1,846	4,135	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	9,683	1,755	3,290	4,638	773	773	773	773	773	773	0
State Aid	2,298	91	845	1,362	227	227	227	227	227	227	0
Total	11,981	1,846	4,135	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,000
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		6,625
Expenditure / Encumbrances		2,321
Unencumbered Balance		4,304

Date First Appropriation	FY 97
First Cost Estimate	
Current Scope	FY 17 11,981
Last FY's Cost Estimate	8,211

Description

This project provides for the renovation of County roadway and pedestrian bridges that have been identified as needing repair work beyond routine maintenance levels to assure continued safe functioning. Renovation work involves planning, preliminary engineering, project management, inspection, and construction. Construction is performed on various components of the bridge structures. Superstructure repair or replacement items include decking, support beams, bearing assemblies, and expansion joints. Substructure repair or replacement items include concrete abutments, backwalls, and wingwalls. Culvert repairs include concrete headwalls, structural steel plate pipe arch replacements, installation of concrete inverts, and placement of stream scour protection. Other renovation work includes paving of bridge deck surfaces, bolted connection replacements, stone slope protection, reconstruction of approach roadways, concrete crack injection, deck joint material replacement, scour protection, and installation of traffic safety barriers. The community outreach program informs the public when road closures or major lane shifts are necessary. Projects are reviewed and scheduled to reduce community impacts as much as possible, especially to school bus routes.

Cost Change

Increase due to addition of FY21 and FY22 to this ongoing project. Increase also due to additional permitting requirements to replace or rehabilitate steel culverts partially offset by capitalization of prior expenses.

Justification

The Biennial Bridge Inspection Program, a Federally mandated program, provides specific information to identify deficient bridge elements. The bridge renovation program also provides the ability for quick response and resolution to citizen public concerns for highway and pedestrian bridges throughout the County.

Other

The objective of this program is to identify bridges requiring extensive structural repairs and perform the work in a timely manner to avoid emergency situations and major public inconvenience. Construction work under this project is typically performed by County Division of Highway Services.

Fiscal Note

FY16 transfer of \$1.2M from Glenmont Metro Parking Expansion (#500552); \$503K from Cedar Lane Road Bridge (#501105); \$32K from Whites Ferry Road Bridges (#501301); and \$730K from Nebel Street Extended (#500401)

Disclosures

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Department of Transportation, Maryland State Highway Administration, Maryland Department of Natural Resources, Maryland Historic Trust, U.S. Fish and Wildlife Service

Gold Mine Road Bridge M-0096 (P501302)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Bridges
Transportation (AAGE30)
Olney

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	999	0	0	999	453	546	0	0	0	0	0
Land	325	0	0	325	325	0	0	0	0	0	0
Site Improvements and Utilities	365	0	235	130	55	75	0	0	0	0	0
Construction	3,610	0	0	3,610	2,187	1,423	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	5,299	0	235	5,064	3,020	2,044	0	0	0	0	0
FUNDING SCHEDULE (\$000s)											
Federal Aid	2,537	0	0	2,537	1,512	1,025	0	0	0	0	0
G.O. Bonds	2,762	0	235	2,527	1,508	1,019	0	0	0	0	0
Total	5,299	0	235	5,064	3,020	2,044	0	0	0	0	0
OPERATING BUDGET IMPACT (\$000s)											
Maintenance				2	0	0	0	0	1	1	
Net Impact				2	0	0	0	0	1	1	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	866
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,433
Expenditure / Encumbrances		0
Unencumbered Balance		4,433

Date First Appropriation	FY 13	
First Cost Estimate		
Current Scope	FY 17	5,299
Last FY's Cost Estimate		4,433

Description

This project provides for the replacement of the existing Gold Mine Road Bridge over Hawlings River and the construction of an 8'-0" bike path between James Creek Court and Chandlee Mill Road. The existing bridge, built in 1958, is a one (1) span 30' steel beam with an asphalt filled corrugated metal deck structure carrying a 15'-8" clear roadway with W-beam guardrail on each side, for a total deck width of 16'-7". The proposed replacement bridge includes a one (1) span 53' prestressed concrete slab beam structure with a 33'-0" clear roadway width. The project includes 250' of approach roadway work at each end of the bridge that consists of widening and raising the roadway profile by 5' at the bridge. The new bridge will carry two lanes of traffic, improve sight distances at the bridge, raise the bridge elevation to reduce flooding at the roadway, carry all legal vehicles, and provide pedestrian facilities across the river.

Location

The project site is located along Gold Mine Bridge Road over the Hawlings River. It includes a bike path between James Creek Court and Chandlee Mill Road.

Estimated Schedule

The design of the project is expected to finish in Spring of 2016. The construction is scheduled to start in Summer of 2016 and be completed in Fall of 2017.

Cost Change

Increase cost due to roadway improvements, flood plain easements, retaining wall, and stream restoration.

Justification

The proposed replacement work is necessary to provide a safe roadway condition for the traveling public. The 2009 bridge inspection revealed that the concrete abutments and wing walls are in fair condition and the bridge has a weight restriction which is controlled by the undersized steel beams. The bridge is currently on a 12-month inspection cycle to allow some school buses to exceed the inventory rating values of the beams. The bridge is functionally obsolete, carries two lanes of traffic on a single lane bridge with no sidewalks and has inadequate sight distance approaching the bridge. The bridge is closed two to three times a year due to flooding of the Hawlings River.

Fiscal Note

The costs of bridge construction and construction management for this project are eligible for up to 80 percent Federal Aid. The design costs for this project are covered in the "Bridge Design" project (C.I.P. No. 509132).

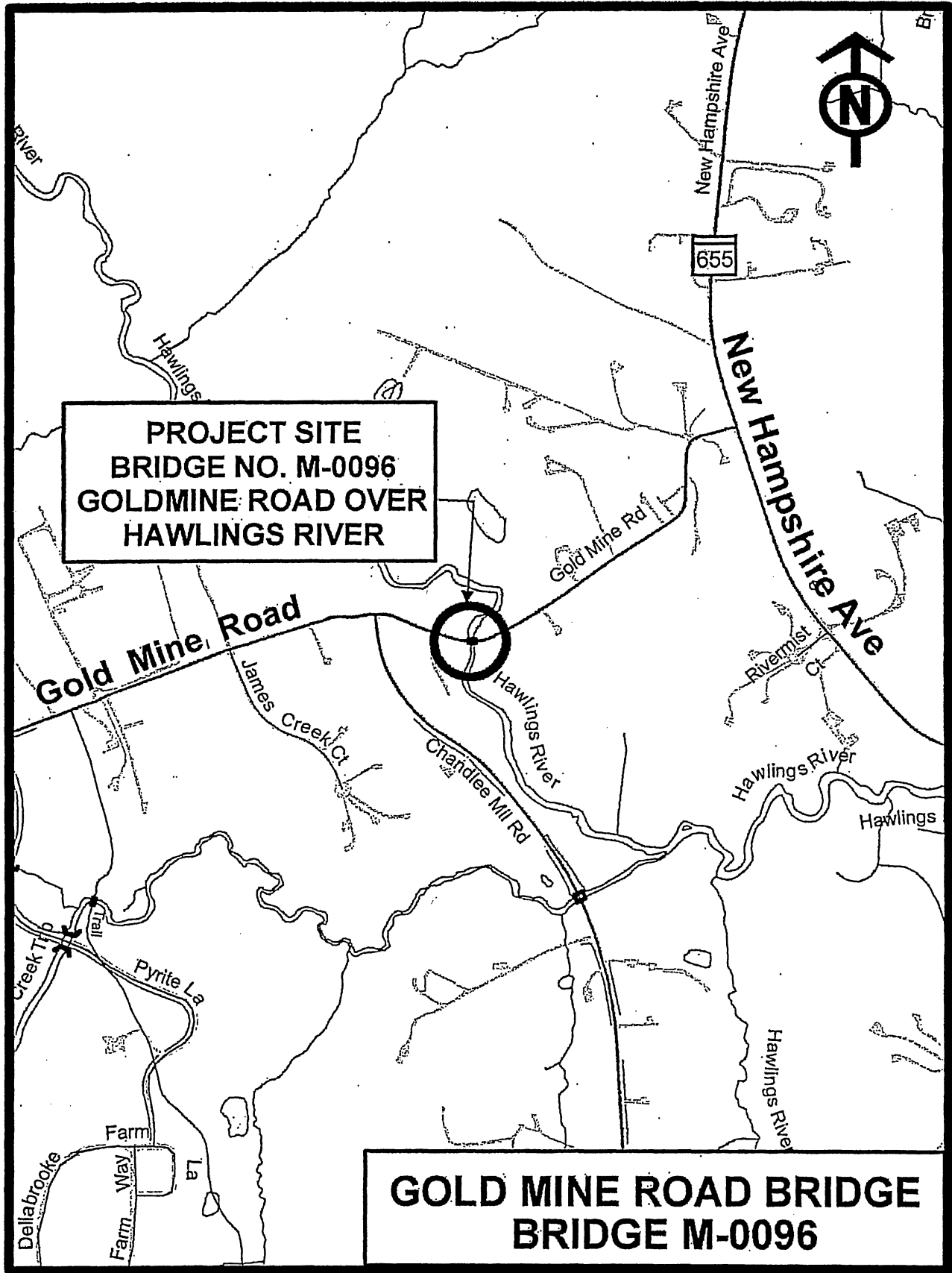
Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Gold Mine Road Bridge M-0096 (P501302)

Federal Highway Administration - Federal Aid Bridge Replacement/Rehabilitation Program, Maryland State Highway Administration, Maryland Department of the Environment, Maryland-National Capital Park and Planning Commission, Montgomery County Department of Permitting Services, Utilities, Bridge Design PDF (CIP 509132)



Lyttonsville Place Bridge(P501421)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Bridges
Transportation (AAGE30)
Silver Spring

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Final Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	400	215	135	50	50	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	400	215	135	50	50	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

Recordation Tax Premium	400	215	135	50	50	0	0	0	0	0
Total	400	215	135	50	50	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	-100
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		500
Expenditure / Encumbrances		320
Unencumbered Balance		180

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	0

Description

This project provides for the design of the concrete deck replacement of the existing Lyttonsville Place Bridge over Georgetown Branch Hiker/Biker Trail. The existing bridge, built in 1966, is a single span steel beam structure with a concrete deck carrying a 48'-0" roadway and two 5-foot sidewalks. The proposed concrete deck replacement will include the 48'-0" roadway, the two 5-foot sidewalks, and the two safety parapets. The existing steel beams and bridge abutments will be reused with minor modifications to support the new concrete deck structure. Repairs to the steel beams will be made as necessary to renew the integrity of the concrete surface. The bridge and road will remain open to vehicular and pedestrian traffic during construction. Accelerated bridge construction techniques will be utilized to minimize the disruption of the traveling public and local community.

Location

Lyttonsville Place between Industrial Brookville Road and Michigan Avenue.

Capacity

The roadway Average Daily Traffic (ADT) is 10,000.

Estimated Schedule

The design of the project is expected to finish in the Summer of 2016.

Cost Change

Decrease in cost of \$100,000 reflected in FY16. Bridge will be rebuilt by MTA as part of the Purple Line project.

Justification

The proposed replacement work is necessary to provide a safe roadway condition for the traveling public and preserve easy access to the Ride On Operations Center for County buses. The existing concrete deck is the original deck constructed in 1966, and is in poor condition. The 48 year old deck has shown severe deterioration since 1996 and has been on an annual repair schedule for the last 18 years. The existing concrete deck has reached and exceeded the expected service life. The bridge is currently posted for a 10,000 lb. limit. Implementation of this project would allow the bridge to be restored to full capacity.

Fiscal Note

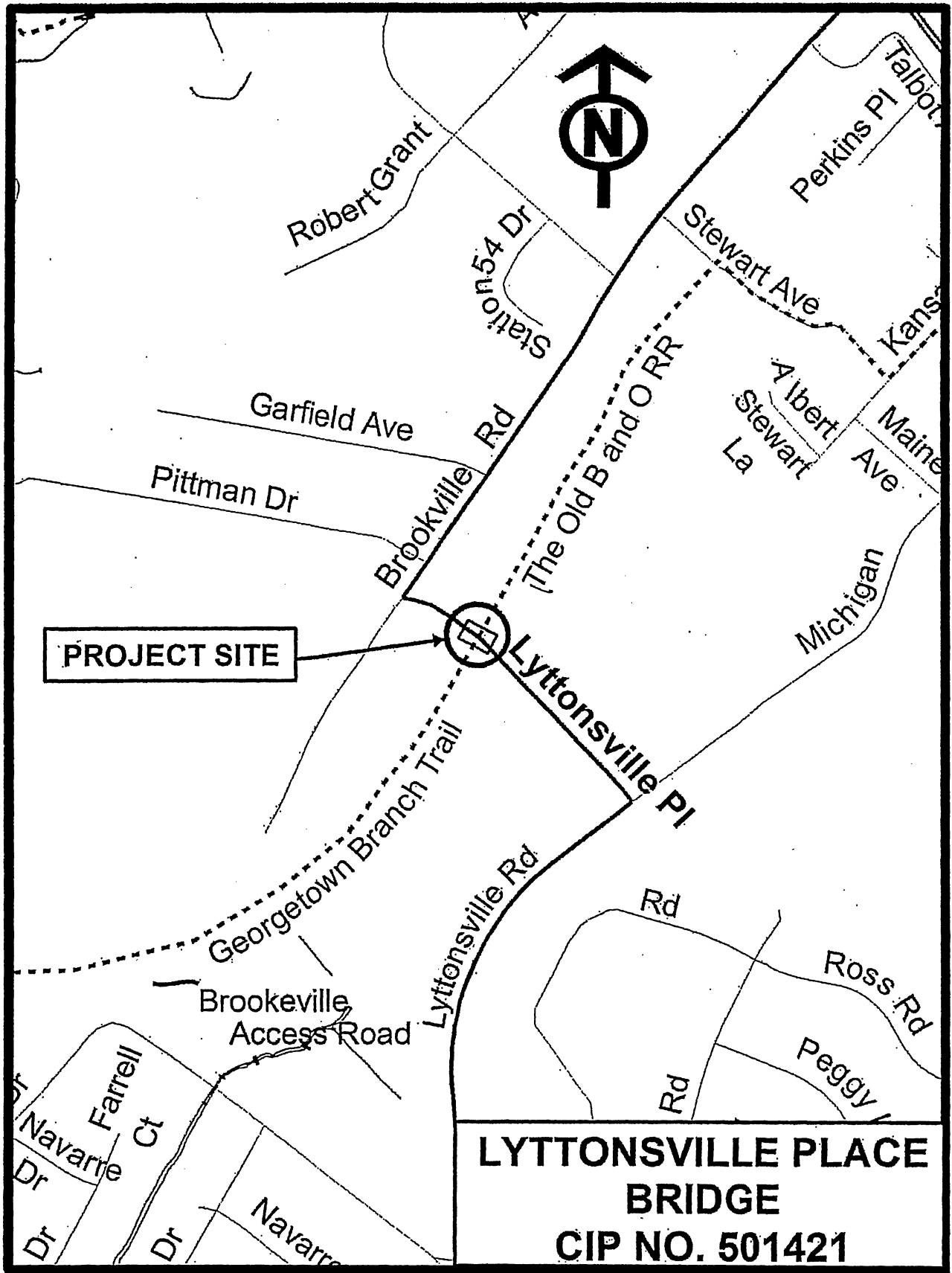
Construction will not proceed without consulting the Purple Line project schedule to ensure that the projected financial and operational benefits of the bridge still warrant the construction expense.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland Department of the Environment, Maryland National Capital Park and Planning Commission, Montgomery County Department of Permitting Services, Utilities, Maryland Transit Administration, Purple Line Project



Park Valley Road Bridge (P501523)

Category	Transportation	Date Last Modified	11/17/14
Sub Category	Bridges	Required Adequate Public Facility	Yes
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Silver Spring	Status	Final Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	589	0	94	495	372	123	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	30	0	7	23	15	8	0	0	0	0
Construction	3,331	0	419	2,912	2,663	249	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	3,950	0	520	3,430	3,050	380	0	0	0	0

FUNDING SCHEDULE (\$000s)

Federal Aid	2,912	0	390	2,522	2,237	285	0	0	0	0
G.O. Bonds	1,038	0	130	908	813	95	0	0	0	0
Total	3,950	0	520	3,430	3,050	380	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,950
Expenditure / Encumbrances		0
Unencumbered Balance		3,950

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 15
Last FY's Cost Estimate	3,950

Description

This project provides for the replacement of the existing Park Valley Road Bridge over Sligo Creek and realignment of the nearby existing Sligo Creek Hiker/Biker Trail. The replacement Park Valley Road Bridge will be a 34 foot single span simply supported prestressed concrete slab beam structure carrying a 26 feet clear roadway, a 5 feet 8 inches wide sidewalk on the south side, and an 8 inches wide curb on the north side for a total clear bridge width of 32 feet 4 inches. An approximately 85 feet long approach roadway and an approximately 85 feet long sidewalk connector will be reconstructed to tie the bridge to the existing roadway and trail. The realignment of the nearby existing hard surface Sligo Creek Hiker/Biker Trail will include a new 12 feet wide 65 foot single span simply supported prefabricated steel truss pedestrian bridge over Sligo Creek, plus a new 10 foot wide approximately 213 feet long hard surface trail to tie the new pedestrian bridge to the existing trail, plus reconfiguration of the existing substandard mini circle Park Valley Road/Sligo Creek Parkway intersection to a regular T-intersection with a new crosswalk and a new 6 feet wide refuge median on Park valley Road for the new trail. A new 5 feet wide, approximately 190 feet long natural surface pedestrian path will be constructed along the existing hard surface trail. Also, a parking lot will be removed at the northwest of the Park Valley Road Bridge.

Location

The project site is located west the intersection of Park Valley Road and Sligo Creek Parkway in Silver Spring.

Capacity

Upon completion, the Average Daily Traffic [ADT] on the Park Valley Road Bridge will remain under 1,100 vehicles per day.

Estimated Schedule

The design of the project is underway with C.I.P. NO. 509132 and is expected to finish in the Fall 2015. The construction is scheduled to start in the Spring 2016 and be completed in the Fall 2017. The schedule is delayed due to requirements for Federal funding, additional stream work and drainage required for M-NCPPC park permit, and WSSC design schedule for a water main relocation.

Justification

The existing Park Valley Road Bridge, built in 1931, is a 30 feet single span structure carrying a 20 feet clear roadway and a 5 feet wide sidewalk on the south side, for a total clear bridge width of 25 feet 9 inches. The 2013 inspection revealed that the concrete deck and abutments are in very poor condition. This bridge is considered structurally deficient. The bridge has posted load limits of 30,000 lb. The trail realignment is necessary to maintain pedestrian/bicycle access during construction of the replacement Park Valley Bridge, improve pedestrian/bicycle safety and accessibility of the Sligo Creek hiker/biker trail in the vicinity of Park Valley Road, and enhance the trail in compliance with ADA requirements. The reconfigured T-intersection will improve traffic safety and provide better access for school buses and fire-rescue apparatus.

Other

Park Valley Road Bridge (P501523)

Park Valley Road is classified as a secondary residential roadway in the East Silver Spring Master Plan. The road will be closed and vehicular traffic will be detoured during construction. Right-of-way acquisition is not required. The construction will be implemented in two phases. Phase 1: Construct the intersection reconfiguration, new pedestrian bridge and hiker/biker trail realignment. Pedestrian/bicycle access will be maintained through the existing Park Valley Road Bridge. Phase 2: Construct the replacement of the Park Valley Road Bridge and approach roadway pavement. Pedestrian/bicycle access will be maintained through the new pedestrian and hiker/biker trail.

Fiscal Note

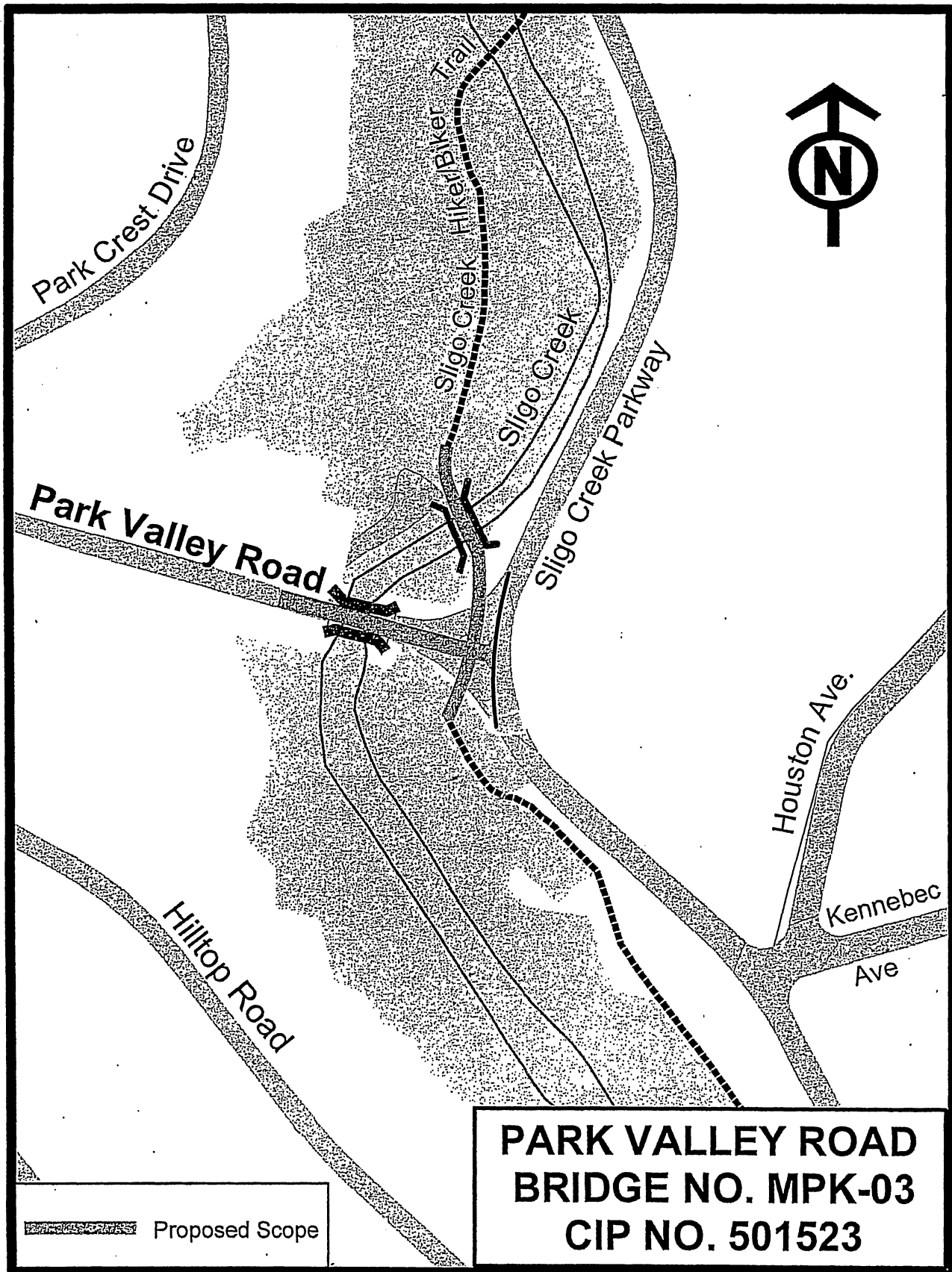
The costs of construction and construction management for the replacement of the Park Valley Road Bridge and associated approach work are eligible for up to 80 percent Federal Aid. The cost of construction and construction management for the realignment of the nearby existing Sligo Creek Hiker/Biker Trail, including the new pedestrian bridge, new trail and reconfiguration of the intersection are eligible for up to 80 percent federal funds by transportation alternatives program. The construction and construction management for the new natural surface pedestrian path will be 100 percent General Obligation Bonds.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Bridge Design Project CIP 509132, FHWA - Federal Aid Bridge Replacement/Rehabilitation Program, FHWA - Transportation Alternatives Program, Maryland State Highway Administration, Maryland Department of the Environment, Maryland-National Capital Park And Planning Commission, Montgomery County Department of Permitting Services



Pennyfield Lock Road Bridge (P501624)

Category	Transportation	Date Last Modified	11/17/14
Sub Category	Bridges	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Potomac-Travilah	Status	Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	149	0	74	75	75	0	0	0	0	0	0
Land	34	0	34	0	0	0	0	0	0	0	0
Site Improvements and Utilities	50	0	25	25	25	0	0	0	0	0	0
Construction	877	0	302	575	575	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,110	0	435	675	675	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	1,110	0	435	675	675	0	0	0	0	0	0
Total	1,110	0	435	675	675	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0	Date First Appropriation	FY 16	
Appropriation Request Est.	FY 18	0	First Cost Estimate		
Supplemental Appropriation Request		0	Current Scope	FY 16	1,110
Transfer		0	Last FY's Cost Estimate		0
Cumulative Appropriation		1,110			
Expenditure / Encumbrances		0			
Unencumbered Balance		1,110			

Description

This project provides for the replacement of the existing Pennyfield Lock Road Bridge over a tributary to Muddy Branch. The existing bridge, built in 1930, is a single concrete slab structure. The existing clear roadway width is 14'-3" with one lane on the bridge carrying two-way traffic. The proposed replacement bridge includes a single span prestressed concrete beam structure carrying a 12'-0" traffic lane and two 2'-6" shoulders for a total width of 17'-0". This width will allow for the implementation of safe on road bicycling, in accordance with the Master Plan. The replacement bridge will be on a new alignment to the west of the structure. Park access is maintained while the existing bridge remains open during construction of the proposed bridge. Accelerated bridge construction techniques will be utilized to minimize the disruption to the travelling public and local community.

Location

Southern end of Pennyfield Lock Road near the entrance to the National Park Service's C&O Canal Park

Estimated Schedule

The design of the project is expected to finish in the winter of 2015. The construction is scheduled to start in summer 2016 and be completed in fall of 2016.

Justification

The proposed replacement work is necessary to provide a safe roadway condition for the travelling public. The 2011 bridge inspection revealed that there were several large spalls with exposed reinforcing on the underside of the slab. The height of the W-beam bridge railing does not meet the current standards. Efflorescence is present at the interface between the slab and the abutment at the northeast corner. The west end of the south abutment footing is partially exposed. The bridge is currently limited to a 12,000 lb single-unit truck and a 24,000 lb combination-unit truck. The bridge is considered functionally obsolete. Implementation of this project would allow the bridges to be restored to full capacity.

Other

The Potomac Subregion Master Plan designates Pennyfield Lock Road as Rustic (R-33) with a minimum right-of-way of 70 ft and two travel lanes. The Countywide Bikeways Functional Master Plan calls for shared roadway (PB-18).

Fiscal Note

The design costs for this project are covered in Bridge Renovation (#509753)

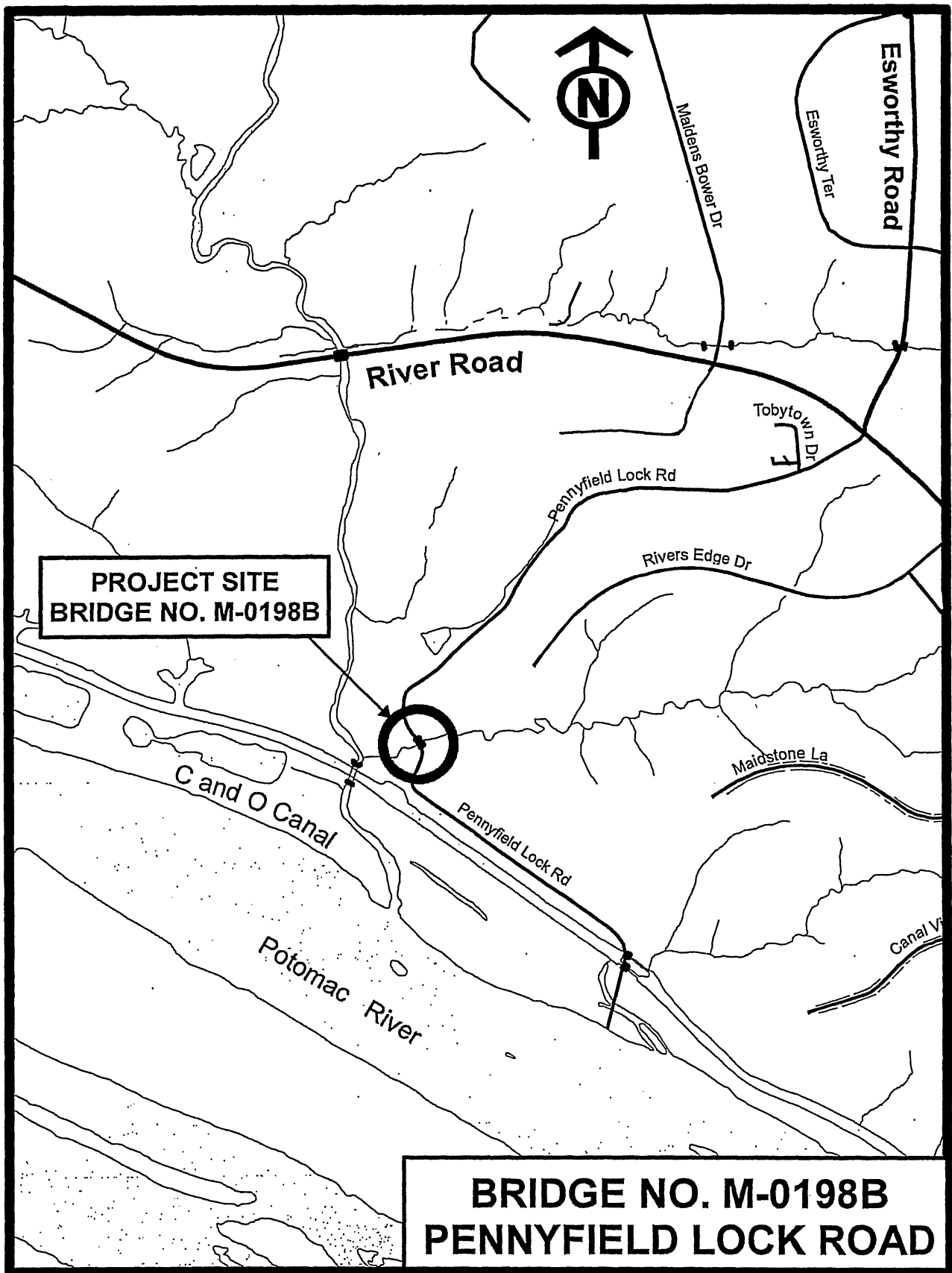
Disclosures

A pedestrian impact analysis has been completed for this project.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

National Park Service Rustic Road Committee Maryland State Highway Administration Maryland Department of the Environment Maryland-National Capital Park and Planning Commission Montgomery County Department of Permitting Services Utilities Bridge Renovation



Piney Meetinghouse Road Bridge (P501522)

Category	Transportation	Date Last Modified	11/17/14
Sub Category	Bridges	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Potomac-Travilah	Status	Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	516	4	0	512	128	384	0	0	0	0	0
Land	100	1	99	0	0	0	0	0	0	0	0
Site Improvements and Utilities	285	0	0	285	71	214	0	0	0	0	0
Construction	3,124	0	0	3,124	757	2,367	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	4,025	5	99	3,921	956	2,965	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Federal Aid	2,807	0	0	2,807	683	2,124	0	0	0	0	0
G.O. Bonds	1,218	5	99	1,114	273	841	0	0	0	0	0
Total	4,025	5	99	3,921	956	2,965	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,025
Expenditure / Encumbrances		5
Unencumbered Balance		4,020

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 15
Last FY's Cost Estimate	4,025

Description

This project provides for the replacement of the existing Piney Meetinghouse Road Bridge over Watts Branch. The existing bridge, built in 1950, is a single span concrete T-Beam structure carrying a 24 foot roadway. The proposed replacement bridge includes a single span prestressed concrete New England Extreme Tee (NEXT) beam structure carrying a 24 foot roadway and a 4 foot shoulder on each side. This width will allow for the implementation of safe on-road bicycling, in accordance with the Master Plan. The project includes approach roadway work at each end of the bridge as necessary to tie-in to the existing roadway. The bridge and road will be closed to traffic during construction. Accelerated bridge construction techniques will be utilized to minimize the disruption to the traveling public and local community.

Location

The project site is located approximately 2600 feet north of the intersection of River Road and Piney Meetinghouse Road.

Capacity

The roadway Average Daily Traffic (ADT) is approximately 5,400 and the roadway capacity will not change as a result of this project.

Estimated Schedule

The design of the project is expected to finish in the winter of 2015. Land will be purchased in FY16. Construction is scheduled to start in spring 2017 and be completed in fall of 2017. Bridge will be closed to traffic from June 2017 to August 2017. The schedule is delayed due to lengthy environmental documentation process and the additional out of scope work requested from Maryland State Highway Administration (MSHA) Office of Structures, MSHA District 3 Traffic Office, and additional stream work required for park permit by the Maryland-National Capital Park and Planning Commission (M-NCPPC). This is a summer construction only project.

Justification

The proposed replacement work is necessary to provide a safe roadway condition for the travelling public. The 2011 bridge inspection revealed that the concrete T-beams are in poor condition. All beams have several horizontal cracks with heavy efflorescence approximately 2" below the underside of the deck. The beams have several isolated spalls with exposed rebar. The undersides of the beams have moderate to severe scaling with exposed stirrups at several locations. All four wingwalls have a 1 foot 6 inch high band of minor scaling above the waterline. There are heavy efflorescence and spalls for both abutments. The bridge is considered structurally deficient. Implementation of this project would allow the bridge to be restored to full capacity. The Potomac Subregion Master Plan designates Piney Meetinghouse Road as Arterial (A-34) with a minimum right-of-way of 80 feet. The Countywide Bikeways Functional Master Plan calls for dual bikeway shared use path and signed shared roadway (DB-23). A review of impacts to pedestrians, bicyclists and the requirements of the ADA (American with Disabilities Act of 1991) has been performed and addressed by this project. Streetlights, crosswalks, sidewalk ramps, bikeways and other pertinent issues are being considered in the design of the project to ensure pedestrian safety.

Other

The design costs for this project are covered in the "Bridge Design" project (C.I.P. No. 509132).

Fiscal Note

The costs of bridge construction and construction management for this project are eligible for up to 80 percent Federal Aid.

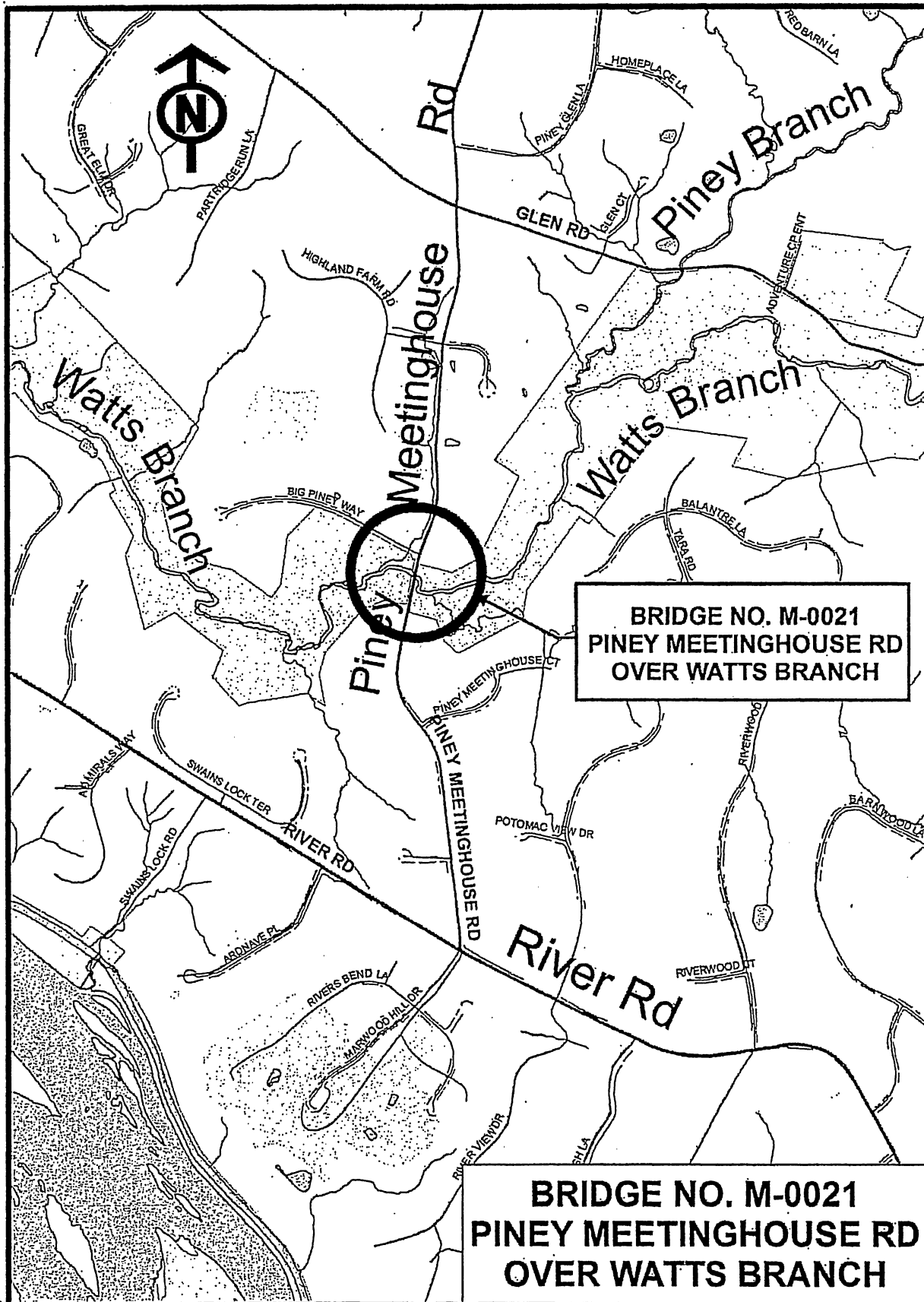
Piney Meetinghouse Road Bridge (P501522)

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Federal Highway Administration Federal Aid Bridge Replacement/Rehabilitation Program Maryland State Highway Administration Maryland Department of the Environment Maryland National Capital Park and Planning Commission Montgomery County Department of Permitting Services Utilities Bridge Design Project CIP 509132



Permanent Patching: Residential/Rural Roads (P501106)

Category Transportation
 Sub Category Highway Maintenance
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 5/19/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	5,726	5	3,486	2,235	360	210	360	435	435	435	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	36,966	21,382	2,419	13,165	2,040	1,190	2,040	2,465	2,715	2,715	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	42,692	21,387	5,905	15,400	2,400	1,400	2,400	2,900	3,150	3,150	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	41,700	20,395	5,905	15,400	2,400	1,400	2,400	2,900	3,150	3,150	0
State Aid	992	992	0	0	0	0	0	0	0	0	0
Total	42,692	21,387	5,905	15,400	2,400	1,400	2,400	2,900	3,150	3,150	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,400
Appropriation Request Est.	FY 18	1,400
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		27,292
Expenditure / Encumbrances		21,388
Unencumbered Balance		5,904

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	34,892

Description

This project provides for permanent patching of residential/rural roads in older residential communities. This permanent patching program provides for deep patching of residential and rural roads to restore limited structural integrity and prolong pavement performance. This program will ensure structural viability of older residential pavements until such time that road rehabilitation occurs. Based on current funding trends, many residential roads identified as needing reconstruction may not be addressed for 40 years or longer. The permanent patching program is designed to address this problem. Pavement reconstruction involves either total removal and reconstruction of the pavement section or extensive deep patching followed by grinding along with a thick structural hot mix asphalt overlay. Permanent patching may improve the pavement rating such that total rehabilitation may be considered in lieu of total reconstruction, at significant overall savings.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project.

Justification

In FY09, the Department of Transportation instituted a pavement management system. This system provides for systematic physical condition surveys. The physical condition surveys note the type, level, and extent of residential pavement deterioration combined with average daily traffic and other usage characteristics. This information is used to calculate specific pavement ratings, types of repair strategies needed, and associated repair costs, as well as the overall Pavement Condition Index (PCI) of the entire residential network. The system also provides for budget optimization and a systematic approach to maintaining a healthy residential pavement inventory. The updated 2015 pavement condition survey indicated that 672 lane-miles (16 percent) of residential pavement have fallen into the lowest possible category and are in need of structural patching. Typically, pavements rated in this category require between 15-20 percent permanent patching per lane-mile. Physical condition inspections of residential pavements will occur on a 2-3 year cycle.

Fiscal Note

\$40M is the annual cost required to maintain the current Countywide Pavement Condition Index of 67 for residential and rural roads. Related CIP projects include Residential and Rural Road Rehabilitation (#500914) and Resurfacing: Residential/Rural Roads (#500511).

Disclosures

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, Utility Companies, Department of Permitting Services, City of Gaithersburg, Facility Planning: Transportation (CIP #509337)

Residential and Rural Road Rehabilitation (P500914)

Category Transportation
 Sub Category Highway Maintenance
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 5/19/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	6,977	9	1,975	4,993	343	690	465	990	1,215	1,290	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	72,511	33,019	11,200	28,292	1,942	3,910	2,635	5,610	6,885	7,310	0
Other	9	9	0	0	0	0	0	0	0	0	0
Total	79,497	33,037	13,175	33,285	2,285	4,600	3,100	6,600	8,100	8,600	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	65,417	25,506	13,175	26,736	0	1,702	3,100	5,234	8,100	8,600	0
Recordation Tax Premium	14,080	7,531	0	6,549	2,285	2,898	0	1,366	0	0	0
Total	79,497	33,037	13,175	33,285	2,285	4,600	3,100	6,600	8,100	8,600	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,285
Appropriation Request Est.	FY 18	4,600
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		46,212
Expenditure / Encumbrances		33,606
Unencumbered Balance		12,606

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	68,297

Description

This project provides for the major rehabilitation of residential and rural roadways in older communities to include extensive pavement rehabilitation and reconstruction including the associated rehabilitation of ancillary elements such as under drains, sub-grade drains, and installation and replacement of curbs and gutters. This project will not make major changes to the location or size of existing drainage structures, if any. Pavement rehabilitation includes the replacement of existing failed pavement sections by the placement of an equivalent or increased pavement section. The rehabilitation usually requires the total removal and replacement of failed pavement exhibiting widespread areas of fatigue related distress, base failures and sub-grade failures.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project.

Justification

In FY09, the Department of Transportation instituted a contemporary pavement management system. This system provides for systematic physical condition surveys. The physical condition surveys note the type, level, and extent of residential pavement deterioration combined with average daily traffic and other usage characteristics. This information is used to calculate specific pavement ratings, types of repair strategies needed, and associated repair costs, as well as the overall Pavement Condition Index (PCI) of the entire residential network. The system also provides for budget optimization for a systematic approach to maintaining a healthy residential pavement inventory. The updated 2015 pavement condition survey indicated that 308 lane-miles (or 7 percent) of residential pavement have fallen into the lowest possible category and are in need of structural reconstruction. Typically, pavements rated in this category require between 15-20 percent permanent patching per lane-mile. Physical condition inspections of residential pavements will occur on a 2-3 year cycle.

Other

Hot mix asphalt pavements have a finite life of approximately 20 years based upon a number of factors including but not limited to: original construction materials, means and methods, underlying soil conditions, drainage, daily traffic volume, other loading such as construction traffic and heavy truck traffic, age, and maintenance history. A well maintained residential road carrying low to moderate traffic levels is likely to provide a service life of 20 years or more. Conversely, lack of programmed maintenance will shorten the service life of residential roads considerably, in many cases to less than 15 years before rehabilitation is needed.

Fiscal Note

\$40M is the annual cost required to maintain the current Countywide Pavement Condition Index of 67 on residential and rural roads. Related CIP projects include Permanent Patching: Residential/Rural Roads (#501106) and Residential and Rural Road Rehabilitation (#500914). In FY16, a supplemental appropriation of \$2.3M in GO Bonds was approved for this project.

Disclosures

A pedestrian impact analysis has been completed for this project.
 Expenditures will continue indefinitely.

Coordination

Residential and Rural Road Rehabilitation (P500914)

Washington Suburban Sanitary Commission, Washington Gas Light Company, Department of Permitting Services, PEPCO, Cable TV, Verizon, Montgomery County Public Schools, Regional Services Centers, Community Associations, Commission on People with Disabilities

Resurfacing Park Roads and Bridge Improvements (P500720)

Category Transportation
 Sub Category Highway Maintenance
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,190	257	393	540	90	90	90	90	90	90	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,556	0	496	3,060	510	510	510	510	510	510	0
Construction	4,612	4,612	0	0	0	0	0	0	0	0	0
Other	2	2	0	0	0	0	0	0	0	0	0
Total	9,360	4,871	889	3,600	600	600	600	600	600	600	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	9,360	4,871	889	3,600	600	600	600	600	600	600	0
Total	9,360	4,871	889	3,600	600	600	600	600	600	600	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	600
Appropriation Request Est.	FY 18	600
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,760
Expenditure / Encumbrances		4,873
Unencumbered Balance		887

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 17 9,360
Last FY's Cost Estimate	8,160

Description

This project provides for the rehabilitation and/or renovation of park roads and associated bridges. Park roads are roadways which serve as public transportation routes in stream valley parks, e.g., Sligo Creek Parkway, Beach Drive, Little Falls Parkway, etc. Park bridges are vehicular bridges owned by Maryland-National Capital Park and Planning Commission (M-NCPPC) and identified in the periodic bridge inspection report prepared by the Montgomery County Department of Transportation (DOT). There are approximately 14 miles of park roads and 13 associated bridges within the park system. The program includes pavement renovation, drainage improvements, structural and nonstructural bridge repairs, and roadside safety improvements.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project.

Justification

Generally, park roads should be resurfaced every 12 years based on condition and safety factors, and park bridges should be repaired per DOT's biennial inspection reports. Park road conditions have been evaluated according to DOT's Pavement Surface Condition Rating Manual.

Other

This project was previously managed by the M-NCPPC through its Resurfacing Park Roads and Bridge Improvements project. Transfer to the DOT leverages the functional, technical, and contracting expertise within DOT to provide the most efficient and economical infrastructure support.

Disclosures

Expenditures will continue indefinitely.

Coordination

Maryland - National Capital Park and Planning Commission (M-NCPPC), Little Falls Parkway Bridge (No. 038704), Resurfacing Park Roads and Bridge Improvements (M-NCPPC) (No. 868700)

Resurfacing: Primary/Arterial (P508527)

Category Transportation
 Sub Category Highway Maintenance
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 5/23/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	6,052	0	2,046	4,006	390	565	712	915	712	712	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	44,788	10,497	11,597	22,694	2,210	3,185	4,038	5,185	4,038	4,038	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	50,840	10,497	13,643	26,700	2,600	3,750	4,750	6,100	4,750	4,750	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	32,948	10,467	12,467	10,014	0	0	14	500	4,750	4,750	0
Recordation Tax Premium	17,892	30	1,176	16,686	2,600	3,750	4,736	5,600	0	0	0
Total	50,840	10,497	13,643	26,700	2,600	3,750	4,750	6,100	4,750	4,750	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,600
Appropriation Request Est.	FY 18	3,750
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		24,140
Expenditure / Encumbrances		10,738
Unencumbered Balance		13,402

Date First Appropriation	FY 85
First Cost Estimate	
Current Scope	FY 17 50,840
Last FY's Cost Estimate	59,917

Description

The County maintains approximately 940 lane-miles of primary and arterial roadways. This project provides for the systematic milling, pavement repair, and bituminous concrete resurfacing of selected primary and arterial roads and revitalization of others. This project includes the Main Street Montgomery Program and provides for a systematic, full-service, and coordinated revitalization of the primary and arterial road infrastructure to ensure viability of the primary transportation network, and enhance safety and ease of use for all users. Mileage of primary/arterial roads has been adjusted to conform with the inventory maintained by the State Highway Administration. This inventory is updated annually.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project partially offset by capitalization of prior year expenditures.

Justification

Primary and arterial roadways provide transport support for tens of thousands of trips each day. Primary and arterial roads connect diverse origins and destinations that include commercial, retail, industrial, residential, places of worship, recreation, and community facilities. The repair of the County's primary and arterial roadway infrastructure is critical to mobility throughout the County. In addition, the state of disrepair of the primary and arterial roadway system causes travel delays, increased traffic congestion, and compromises the safety and ease of travel along all primary and arterial roads for drivers, pedestrians, and bicyclists. Well maintained road surfaces increase safety and assist in the relief of traffic congestion. In FY09, the Department of Transportation instituted a contemporary pavement management system. This system provides for systematic physical condition surveys and subsequent ratings of all primary/arterial pavements as well as calculating the rating health of the primary roadway network as a whole. Physical condition inspections of the pavements will occur on a 2-3 year cycle. The physical condition surveys note the type, level, and extent of primary/arterial pavement deterioration combined with average daily traffic and other usage characteristics. This information is used to calculate specific pavement ratings, types of repair strategies needed, and associated repair costs, as well as the overall Pavement Condition Index (PCI) of the entire primary/arterial network. The system also provides for budget optimization and recommends annual budgets for a systematic approach to maintaining a healthy primary/arterial pavement inventory.

Other

One aspect of this project will focus on improving pedestrian mobility by creating a safer walking and biking environment, utilizing selected engineering technologies, and ensuring Americans with Disabilities Act (ADA) compliance. Several existing CIP and operating funding sources will be focused in support of the Main Street Montgomery campaign. The design and planning stages, as well as final completion of the project will comply with the Department of Transportation (DOT), Maryland State Highway Administration (MSHA), Manual on Uniform Traffic Control Devices (MUTCD), American Association of State Highway Officials (AASHTO), and ADA standards.

Fiscal Note

\$8M is the annual requirement to maintain Countywide Pavement Condition Index of 71 for Primary/Arterial roads. In FY16, a supplemental appropriation of \$1.5M in GO Bonds was approved for this project.

Disclosures

A pedestrian impact analysis has been completed for this project.

Resurfacing: Primary/Arterial (P508527)

Expenditures will continue indefinitely.

Coordination

Washington Suburban Sanitary Commission, Other Utilities, Department of Housing and Community Affairs, Montgomery County Public Schools, Maryland - National Capital Park and Planning Commission, Department of Economic Development, Department of Permitting Services, Regional Services Centers, Community Associations, Montgomery County Pedestrian Safety Advisory Committee, Commission on People with Disabilities

Resurfacing: Residential/Rural Roads (P500511)

Category Transportation
 Sub Category Highway Maintenance
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 5/19/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	8,506	74	2,807	5,625	586	465	975	1,125	1,237	1,237	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	123,612	75,827	15,910	31,875	3,314	2,635	5,525	6,375	7,013	7,013	0
Other	46	46	0	0	0	0	0	0	0	0	0
Total	132,164	75,947	18,717	37,500	3,900	3,100	6,500	7,500	8,250	8,250	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	309	309	0	0	0	0	0	0	0	0	0
G.O. Bonds	130,238	74,021	18,717	37,500	3,900	3,100	6,500	7,500	8,250	8,250	0
PAYGO	1,617	1,617	0	0	0	0	0	0	0	0	0
Total	132,164	75,947	18,717	37,500	3,900	3,100	6,500	7,500	8,250	8,250	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	3,900
Appropriation Request Est.	FY 18	3,100
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		94,664
Expenditure / Encumbrances		76,670
Unencumbered Balance		17,994

Date First Appropriation	FY 05
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	115,664

Description

This project provides for the permanent patching and resurfacing of rural and residential roadways using durable hot mix asphalt to restore long-term structural integrity to the aging rural and residential roadway infrastructure. The County maintains a combined total of 4,264 lane-miles of rural and residential roads. Preventative maintenance includes full-depth patching of distressed areas of pavement in combination with a new hot mix asphalt wearing surface of 1-inch to 2-inches depending on the levels of observed distress. A portion of this work will be performed by the county in-house paving crew.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project.

Justification

In FY09, the Department of Transportation instituted a contemporary pavement management system. This system provides for systematic physical condition surveys. The surveys note the type, level, and extent of residential pavement deterioration combined with average daily traffic and other usage characteristics. This information is used to calculate specific pavement ratings, types of repair strategies needed, and associated repair cost, as well as the overall Pavement Condition Index (PCI) of the entire residential network. The system also provides for budget optimization and recommending annual budgets for a systematic approach to maintaining a healthy residential pavement inventory.

Other

The design and planning stages, as well as project construction, will comply with the Department of Transportation (DOT), Maryland State Highway Administration (MSHA), Manual on Uniform Traffic Control Devices (MUTCD), American Association of State Highway and Transportation Officials (AASHTO), and American with Disabilities Act (ADA). Rural/residential road mileage has been adjusted to conform with the State inventory of road mileage maintained by the State Highway Administration (SHA). This inventory is updated annually.

Fiscal Note

\$40M is the annual cost required to maintain the current Countywide Pavement Condition Index of 67 on residential and rural roads. Related CIP projects include Permanent Patching: Residential/Rural Roads (#501106) and Residential and Rural Road Rehabilitation (#500914). In FY16, a supplemental appropriation of \$5.5M in GO Bonds was approved for this project.

Disclosures

Expenditures will continue indefinitely.

Coordination

Washington Suburban Sanitary Commission, Washington Gas Light Company, PEPCO, Cable TV, Verizon, United States Post Office

Sidewalk & Curb Replacement (P508182)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Highway Maintenance
Transportation (AAGE30)
Countywide

Date Last Modified 5/9/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	8,315	0	2,510	5,805	780	1,005	1,005	1,005	1,005	1,005	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	45,001	6,741	5,365	32,895	4,420	5,695	5,695	5,695	5,695	5,695	0
Other	35	3	32	0	0	0	0	0	0	0	0
Total	53,351	6,744	7,907	38,700	5,200	6,700	6,700	6,700	6,700	6,700	0

FUNDING SCHEDULE (\$000s)

Contributions	4,760	1,760	0	3,000	500	500	500	500	500	500	0
G.O. Bonds	48,591	4,984	7,907	35,700	4,700	6,200	6,200	6,200	6,200	6,200	0
Total	53,351	6,744	7,907	38,700	5,200	6,700	6,700	6,700	6,700	6,700	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	4,191
Appropriation Request Est.	FY 18	6,700
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		15,660
Expenditure / Encumbrances		7,113
Unencumbered Balance		8,547

Date First Appropriation	FY 81
First Cost Estimate	
Current Scope	FY 17 53,351
Last FY's Cost Estimate	56,059

Description

This project provides for the removal and replacement of damaged or deteriorated sidewalks, curbs, and gutters in business districts and residential communities. The County currently maintains about 1,034 miles of sidewalks and about 2,098 miles of curbs and gutters. Many years of paving overlays have left some curb faces of two inches or less. Paving is milled, and new construction provides for a standard six-inch curb face. The project includes: overlay of existing sidewalks with asphalt; base failure repair and new construction of curbs; and new sidewalks with handicapped ramps to fill in missing sections. No changes will be made to existing structures unless necessary to eliminate erosion, assure drainage, and improve safety as determined by a County engineer. Some funds from this project support the Renew Montgomery and Main Street Montgomery programs. A significant aspect of this project has been and will be to provide safe pedestrian access and to ensure Americans with Disabilities Act (ADA) compliance. Mileage of sidewalks and curb/gutters has been updated to reflect the annual acceptance of new infrastructure to the County's inventory.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project partially offset by capitalization of prior year expenditures.

Justification

Curbs, gutters, and sidewalks have a service life of 30 years. Freeze/thaw cycles, de-icing materials, tree roots, and vehicle loads accelerate concrete failure. The County should replace 70 miles of curbs and gutters and 35 miles of sidewalks annually to provide for a 30 year cycle. Deteriorated curbs, gutters, and sidewalks are safety hazards to pedestrians and motorists, increase liability risks, and allow water to infiltrate into the sub-base causing damage to roadway pavements. Settled or heaved concrete can trap water and provide breeding places for mosquitoes. A Countywide inventory of deteriorated concrete was performed in the late 1980's. Portions of the Countywide survey are updated during the winter season. The March 2014 Report of the Infrastructure Maintenance Task Force identified an annual replacement program level of effort based on a 30-year life for curbs and gutters.

Other

The Department of Transportation (DOT) maintains a list of candidate projects requiring construction of curbs and gutters based on need and available funding. The design and planning stages, as well as final completion of the project will comply with the DOT, Maryland State Highway Administration (MSHA), Manual on Uniform Traffic Control Devices (MUTCD), American Association of State Highway and Transportation Officials (AASHTO), and ADA standards.

Fiscal Note

Since FY87, the County has offered to replace deteriorated driveway aprons at the property owners' expense up to a total of \$500,000 annually. Payments for this work are displayed as Contributions in the funding schedule. In FY16, \$1.0M in Recordation Tax Premium was transferred to Street Tree Preservation (#500700) as part of the FY16 savings plan.

Disclosures

Expenditures will continue indefinitely.

Coordination

Washington Suburban Sanitary Commission, Other Utilities, Montgomery County Public Schools, Homeowners, Montgomery County Pedestrian Safety Advisory Committee, Commission on People with Disabilities

Street Tree Preservation (P500700)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Highway Maintenance
Transportation (AAGE30)
Countywide

Date Last Modified 5/9/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	4,188	59	1,354	2,775	450	525	450	450	450	450	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	33,206	15,302	2,179	15,725	2,550	2,975	2,550	2,550	2,550	2,550	0
Other	6	6	0	0	0	0	0	0	0	0	0
Total	37,400	15,367	3,533	18,500	3,000	3,500	3,000	3,000	3,000	3,000	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	29,404	11,909	2,148	15,347	2,750	2,664	1,929	2,004	3,000	3,000	0
Land Sale	458	458	0	0	0	0	0	0	0	0	0
Recordation Tax Premium	7,538	3,000	1,385	3,153	250	836	1,071	996	0	0	0
Total	37,400	15,367	3,533	18,500	3,000	3,500	3,000	3,000	3,000	3,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	3,000
Appropriation Request Est.	FY 18	3,500
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		18,900
Expenditure / Encumbrances		15,367
Unencumbered Balance		3,533

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	30,900

Description

This project provides for the preservation of street trees through proactive pruning that will reduce hazardous situations to pedestrians and motorists, help reduce power outages in the County, preserve the health and longevity of trees, decrease property damage incurred from tree debris during storms, correct structural imbalances/defects that cause future hazardous situations and that shorten the lifespan of the trees, improve aesthetics and adjacent property values, improve sight distance for increased safety, and provide clearance from street lights for a safer environment. Proactive pruning will prevent premature deterioration, decrease liability, reduce storm damage potential and costs, improve appearance, and enhance the condition of street trees.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project.

Justification

In FY97, the County eliminated the Suburban District Tax and expanded its street tree maintenance program from the old Suburban District to include the entire County. The street tree population has now increased from an estimated 200,000 to over 400,000 trees. Since that time, only pruning in reaction to emergency/safety concerns has been provided. A street tree has a life expectancy of 60 years and, under current conditions, a majority of street trees will never receive any pruning unless a hazardous situation occurs. Lack of cyclical pruning leads to increased storm damage and cleanup costs, right-of-way obstruction and safety hazards to pedestrians and motorists, premature death and decay from disease, weakening of structural integrity, increased public security risks, and increased liability claims. Healthy street trees that have been pruned on a regular cycle provide a myriad of public benefits including energy savings, a safer environment, aesthetic enhancements that soften the hard edges of buildings and pavements, property value enhancement, mitigation of various airborne pollutants, reduction in the urban heat island effect, and storm water management enhancement. Failure to prune trees in a timely manner can result in trees becoming diseased or damaged and pose a threat to public safety. Over the long term, it is more cost effective if scheduled maintenance is performed. The Forest Preservation Strategy Task Force Report (October, 2000) recommended the development of a green infrastructure CIP project for street tree maintenance. The Forest Preservation Strategy Update (July, 2004) reinforced the need for a CIP project that addresses street trees. (Recommendations in the inter-agency study of tree management practices by the Office of Legislative Oversight (Report #2004-8 - September, 2004) and the Tree Inventory Report and Management Plan by Appraisal, Consulting, Research, and Training Inc. (November, 1995)). Studies have shown that healthy trees provide significant year-round energy savings. Winter windbreaks can lower heating costs by 10 to 20 percent, and summer shade can lower cooling costs by 15 to 35 percent. Every tree that is planted and maintained saves \$20 in energy costs per year. In addition, a healthy street tree canopy captures the first 1/2 inch of rainfall reducing the need for storm water management facilities.

Fiscal Note

Includes funding switches from Current Revenue: General to Recordation Tax Premium in FY16-20.

Disclosures

Expenditures will continue indefinitely.

Street Tree Preservation (P500700)

Coordination

Maryland-National Capital Park and Planning Commission, Department of Environmental Protection, Maryland Department of Natural Resources, Utility companies

Bethesda Metro Station South Entrance (P500929)

Category Transportation
 Sub Category Mass Transit
 Administering Agency Transportation (AAGE30)
 Planning Area Bethesda-Chevy Chase

Date Last Modified 5/10/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,171	1,621	0	500	50	125	125	100	50	50	50
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	13,444	0	0	13,444	5,254	5,186	336	1,334	1,027	307	0
Construction	94,587	0	0	94,502	19,912	22,837	28,881	17,601	3,665	1,606	85
Other	0	0	0	0	-6,000	-6,000	-6,000	6,000	6,000	6,000	0
Total	110,202	1,621	0	108,446	19,216	22,148	23,342	25,035	10,742	7,963	135

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	104,407	0	0	104,272	15,042	22,148	23,342	25,035	10,742	7,963	135
PAYGO	795	795	0	0	0	0	0	0	0	0	0
Revenue Bonds: Liquor Fund	5,000	826	0	4,174	4,174	0	0	0	0	0	0
Total	110,202	1,621	0	108,446	19,216	22,148	23,342	25,035	10,742	7,963	135

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	4,737
Appropriation Request Est.	FY 18	22,148
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		16,100
Expenditure / Encumbrances		1,621
Unencumbered Balance		14,479

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	110,202
	57,610

Description

This project provides access from Elm Street west of Wisconsin Avenue to the southern end of the Bethesda Metrorail Station. The Metrorail Red Line runs below Wisconsin Avenue through Bethesda more than 120 feet below the surface, considerably deeper than the Purple Line right-of-way. The Bethesda Metrorail station has one entrance, near East West Highway. The Metrorail station was built with accommodations for a future southern entrance. The Bethesda light rail transit (LRT) station would have platforms located just west of Wisconsin Avenue on the Georgetown Branch right-of-way. This platform allows a direct connection between LRT and Metrorail, making transfers as convenient as possible. Six station elevators would be located in the Elm Street right-of-way, which would require narrowing the street and extending the sidewalk. The station would include a new south entrance to the Metrorail station, including a new mezzanine above the Metrorail platform, similar to the existing mezzanine at the present station's north end. The mezzanine would use the existing knock-out panel in the arch of the station and the passageway that was partially excavated when the station was built in anticipation of the future construction of a south entrance.

Estimated Schedule

Design: Fall FY10 through FY15. Construction: To take 30 months but must be coordinated and implemented as part of the State Purple Line project that is dependent upon State and Federal funding.

Other

Part of Elm Street west of Wisconsin Avenue will be closed for a period during construction.

Fiscal Note

The funds for this project were initially programmed in the State Transportation Participation project. Appropriation of \$5 million for design was transferred from the State Transportation Participation project in FY09. The project schedule and cost estimates were updated in FY17 as a result of the MTA's proposed Public Private Partnership for the Purple Line and reflects the actual bid by the Concessionaire. The expenditure schedule also reflects a negotiated cash flow arrangement with MTA for FY17-19, allowing a deferral of \$6 million per year to FY20-22.

Coordination

Maryland Transit Administration, WMATA, Maryland-National Capital Park and Planning Commission, Bethesda Lot 31 Parking Garage project, Department of Transportation, Department of General Services, Special Capital Projects Legislation [Bill No. 31-14] was adopted by Council June 17, 2014.

Bus Stop Improvements (P507658)

Category Transportation
 Sub Category Mass Transit
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 5/13/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,560	739	0	661	151	155	195	160	0	0	160
Land	2,382	463	347	1,572	345	627	600	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	1,174	26	77	831	155	161	275	240	0	0	240
Other	0	0	0	0	0	0	0	0	0	0	0
Total	5,116	1,228	424	3,064	651	943	1,070	400	0	0	400

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	3,198	1,159	218	1,821	305	586	930	0	0	0	0
Mass Transit Fund	1,918	69	206	1,243	346	357	140	400	0	0	400
Total	5,116	1,228	424	3,064	651	943	1,070	400	0	0	400

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	511
Appropriation Request Est.	FY 18	943
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,792
Expenditure / Encumbrances		1,656
Unencumbered Balance		136

Date First Appropriation	FY 76
First Cost Estimate	
Current Scope	FY 17 5,116
Last FY's Cost Estimate	3,995

Description

This project provides for the installation and improvement of capital amenities at bus stops in Montgomery County to make them safer, more accessible and attractive to users, and to improve pedestrian safety for County transit passengers. These enhancements can include items such as sidewalk connections, improved pedestrian access, pedestrian refuge islands and other crossing safety measures, area lighting, paved passenger standing areas, and other safety upgrades. In prior years, this project included funding for the installation and replacement of bus shelters and benches along Ride On and County Metrobus routes; benches and shelters are now handled under the operating budget. Full-scale construction began in October 2006. In the first year of the project, 729 bus stops were reviewed and modified, with significant construction occurring at 219 of these locations. Through FY15, approximately 3,025 stops with 1,255 curb ramps; 422 concrete kneewalls for safety and seating, 85,618 linear feet of sidewalk; and 166,777 linear feet of ADA concrete pads have been modified or installed.

Estimated Schedule

Completion of project delayed to FY23 due to complex nature of bus stops requiring right-of-way to be acquired and FY16 Savings Plan budget adjustments.

Cost Change

Increase due to addition of funding to complete stops identified in project scope; \$400,000 added in beyond 6 years to address bus stops deferred by improvements related to MD355 Priority Service in FY17

Justification

Many of the County's bus stops have safety, security, or right-of-way deficiencies since they are located on roads which were not originally built to accommodate pedestrians. Problems include: lack of drainage around the site, sidewalk connections, passenger standing areas or pads, lighting or pedestrian access, and unsafe street crossings to get to the bus stop. This project addresses significant bus stop safety issues to ease access to transit service. Correction of these deficiencies will result in fewer pedestrian accidents related to bus riders, improved accessibility of the system, increased attractiveness of transit as a means of transportation, and greater ridership. Making transit a more viable option than the automobile requires enhanced facilities as well as increased frequency and level of service. Getting riders to the bus and providing an adequate and safe facility to wait for the bus will help to achieve the goal. The County has approximately 5,400 bus stops. The completed inventory and assessment of each bus stop has determined what is needed at each location to render the stop safe and accessible to all transit passengers. In FY05, a contractor developed a GIS-referenced bus stop inventory and condition assessment for all bus stops in the County, criteria to determine which bus stops need improvements, and a prioritized listing of bus stop relocations, improvements, and passenger amenities. The survey and review of bus stop data have been completed and work is on-going.

Fiscal Note

Funding for this project includes general obligation bonds with debt service financed from the Mass Transit Facilities Fund; Includes \$400,000 in FY17 for improvements related to MD 355 Priority Service which will launch in FY18

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Bus Stop Improvements (P507658)

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Civic Associations, Municipalities, Maryland State Highway Administration, Maryland Transit Administration, Washington Metropolitan Area Transit Authority, Commission on Aging, Commission on People with Disabilities, Montgomery County Pedestrian Safety Advisory Committee, Citizen Advisory Boards

MCPS & M-NCPPC Maintenance Facilities Relocation (P361109)

Category Transportation
Sub Category Mass Transit
Administering Agency General Services (AAGE29)
Planning Area Gaithersburg

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	6,844	1,023	4,747	1,074	1,074	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	60,785	0	31,866	28,919	28,919	0	0	0	0	0	0
Other	1,410	0	0	1,410	1,410	0	0	0	0	0	0
Total	69,039	1,023	36,613	31,403	31,403	0	0	0	0	0	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	42,607	1,023	12,883	11,700	0	0	0	11,700	0	0	17,001
Interim Finance	26,432	0	23,730	19,703	31,403	0	0	-11,700	0	0	-17,001
Total	69,039	1,023	36,613	31,403	31,403	0	0	0	0	0	0
OPERATING BUDGET IMPACT (\$000s)											
Energy				4,194	0	466	932	932	932	932	
Maintenance				4,194	0	466	932	932	932	932	
Net Impact				8,388	0	932	1,864	1,864	1,864	1,864	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		69,039
Expenditure / Encumbrances		2,139
Unencumbered Balance		66,900

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 14 69,039
Last FY's Cost Estimate	69,039

Description

This project is part of the County Executive's comprehensive Smart Growth Initiative and provides for the design and construction of new facilities to accommodate the relocation of the Montgomery County Public Schools and Maryland-National Park and Planning (M-NCPPC) Maintenance facilities from the County Service Park on Crabbs Branch Way to a site on Snouffer School Road in Gaithersburg known as the Webb Tract.

Location

8301 Turkey Thicket Road, Montgomery Village

Estimated Schedule

Design build process began in the summer of 2015. Construction is scheduled to be completed in early 2017.

Justification

In order to implement the County's Shady Grove Sector Plan which would capitalize on the existing investment in mass transit by creating a transit-oriented development community, the County Service Park must be relocated. Relocation of the facilities at the County Service Park will enable the County to realize both the transit-oriented development intended for the area and address unmet needs. The County is faced with aging facilities that require extensive investment of funds to meet our needs. With the age of some of the facilities, the extent of the required investment must be weighed against the long-term ability of the facilities to satisfy current and future County needs. The planned facilities will meet the current and projected maintenance facility needs while also furthering the County's transit-oriented development goals. Plans and studies for this project include: M-NCPPC Shady Grove Sector Plan, approved by the Montgomery County Council, January 2006, adopted by the M-NCPPC, March 15, 2006; Montgomery County Property Use Study Updated Briefing to County Council, April 29, 2008 (based on Staubach Reports); Montgomery County Smart Growth Initiative Update to County Council, September 23, 2008; Projected Space Requirements for MCPS Division of Maintenance (Delmar Architects, 2005 and 2008); Montgomery County Multi-Agency Service Park Master Plan and Design Guideline, February 23, 2011; Montgomery County Department of Parks, Shady Grove Maintenance Facility Relocation - Program of Requirements, Lukmire Partnership Architects, May 2010.

Other

The PSTA and Multi-Agency Service Park - Site Dev. (PDF No. 470907) appropriated \$46.546 million for the purchase of the Webb Tract and \$1.695 million for master site planning. \$37.95 million of the total expenditure of \$69.039 million is allocated to the M-NCPPC facility and its proportional share of the parking garage. The M-NCPPC share of the budget funds 114,117 GSF of building space including maintenance, fleet, and horticultural facilities. In addition, it funds 83,977 GSF of covered vehicle/equipment parking sheds to meet NPDES requirements and 25,365 GSF of bulk material and compost storage bays.

Fiscal Note

MCPS & M-NCPPC Maintenance Facilities Relocation (P361109)

Interim financing will be used for land acquisition and project costs in the short term, with permanent funding sources to include G.O. Bonds and Land Sale Proceeds. All site improvement-related work is being shifted from this project to the PSTA and Multi-Agency Service Park - Site Development project (PDF No. 470907) and the cumulative appropriation adjusted accordingly. Programmed GO Bonds no longer needed to repay Interim Finance in the Public Safety Headquarters project (P470906) and the MCPS Food Distribution Facility Relocation project (P361111) have been reallocated to this project.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Department of General Services, Department of Transportation, Montgomery County Public Schools, Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Department of Finance, Department of Technology Services, Office of Management and Budget, Washington Suburban Sanitary Commission, Pepco, Upcounty Regional Services Center, Washington Gas. Special Capital Projects Legislation was enacted on June 23, 2015 and signed into law on July 6, 2015 (Bill No. 26-15).

Purple Line (P501603)

Category Transportation
Sub Category Mass Transit
Administering Agency Transportation (AAGE30)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact Yes
Status Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,089	0	775	1,314	328	388	433	115	50	0	0
Land	3,523	0	255	3,268	3,268	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	40,000	0	0	40,000	0	0	0	0	20,000	20,000	0
Total	45,612	0	1,030	44,582	3,596	388	433	115	20,050	20,000	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	45,612	0	1,030	44,582	3,596	388	433	115	20,050	20,000	0
Total	45,612	0	1,030	44,582	3,596	388	433	115	20,050	20,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	3,596
Appropriation Request Est.	FY 18	388
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,030
Expenditure / Encumbrances		0
Unencumbered Balance		1,030

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 17 45,612
Last FY's Cost Estimate	0

Description

This project provides funding for County coordination and oversight of the Purple Line project, including the three County-funded projects [Capital Crescent Trail (P501316), Bethesda Metro South Entrance (P500929), and Silver Spring Green Trail (P509975)] that are being included with the construction of the Purple Line. The Purple Line is a 16-mile light rail line being constructed by the Maryland Transit Administration (MTA) between Bethesda Metrorail Station in Montgomery County and New Carrollton Metrorail Station in Prince George's County. The project will include the construction of 21 light rail stations, 10 of which are located in Montgomery County. The Purple Line, which is estimated to serve more than 65,000 daily riders, will operate both in its own right-of-way and in mixed traffic and provides a critical east-west connection linking Montgomery and Prince George's counties. The new rail line will result in many benefits, including faster and more reliable service for the region's east-west travel market, improved connectivity and access to existing and planned activity centers, increased service for transit-dependent populations, traffic congestion relief, and economic development, including Transit Oriented Development, along the corridor. The project is being bid out by the State as a Public-Private Partnership (PPP), with a selected Concessionaire responsible for final design and construction of the project, as well as the system operation and maintenance for the first 30 years of service. The County's role in the project will be defined in a Memorandum of Agreement (MOA) between MTA and the County.

Estimated Schedule

The Maryland Transit Administration anticipates having a Concessionaire selected for their PPP by March 2016. Financial close for the PPP agreement is expected to occur by May 2016. Final design will begin during Spring/Summer 2016 and construction is expected to begin in 2016. Revenue service on the Purple Line is scheduled to begin in 2022.

Justification

Montgomery County supports the Purple Line project due to economic and mobility benefits. As with any large infrastructure project, significant impacts to the community - both residents and businesses along the corridor - are anticipated during the construction period. MTA has plans for a robust public engagement effort during design and construction; nevertheless, the County has embarked on its own community engagement effort through the Purple Line Implementation Advisory Group (PLIAG) and expects to be actively engaged with the community throughout the various project stages. The County will also be required to provide technical review and oversight of both the County-funded projects and the overall Purple Line project to ensure that they are in keeping with County standards.

Other

Certain County properties will be impacted by the construction of the MTA. To facilitate the construction and long term maintenance of the system, certain County properties will need to be transferred to MTA, in part or in entirety. Properties include (address and tax account identification number): 8710 Brookville Road (971041), Brookville Road (983094), 8717 Brookville Road (972728), 1160 Bonifant Street (1043367), 1114 Bonifant Street (1045696), 1170 Bonifant Street (1046100), 734 E University Boulevard - for roadway widening and utility relocation (975345), 734 E University Boulevard - for use as parkland mitigation agreement with M-NCPPC (975345), vicinity of 25 East Wayne

Coordination

Purple Line (P501603)

Maryland Transit Administration, Maryland Department of Transportation, Washington Metropolitan Area Transit Authority, State Highway Administration, Office of the County Executive, Maryland-National Capital Park and Planning Commission, Bethesda Bikeway and Pedestrian Facilities, CSX Transportation, Purple Line NOW, Coalition for the Capital Crescent Trail, Department of General Services, Department of Permitting Services, Silver Spring Transportation Management District, Bethesda Transportation Management District, Silver Spring Chamber of Commerce, Bethesda Chamber of Commerce

Rapid Transit System (P501318)

Category Transportation
 Sub Category Mass Transit
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	16,871	978	2,143	13,750	4,250	7,000	2,500	0	0	0	0
Land	4	4	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	16,875	982	2,143	13,750	4,250	7,000	2,500	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Contributions	2,000	0	0	2,000	1,000	1,000	0	0	0	0	0
G.O. Bonds	2,900	0	0	2,900	400	2,500	0	0	0	0	0
Impact Tax	2,000	0	0	2,000	1,000	1,000	0	0	0	0	0
Mass Transit Fund	5,875	625	0	5,250	250	2,500	2,500	0	0	0	0
Revenue Bonds: Liquor Fund	3,600	0	2,000	1,600	1,600	0	0	0	0	0	0
State Aid	500	357	143	0	0	0	0	0	0	0	0
Total	16,875	982	2,143	13,750	4,250	7,000	2,500	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	4,250
Appropriation Request Est.	FY 18	7,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,125
Expenditure / Encumbrances		1,063
Unencumbered Balance		2,062

Date First Appropriation	FY 13
First Cost Estimate	
Current Scope	FY 17 16,875
Last FY's Cost Estimate	3,125

Description

This project provides for the initial steps and detailed studies related to a bus rapid transit system in the County, supplementing the Metrorail Red Line and master-planned Purple Line and Corridor Cities Transitway (CCT). The County Council approved the Countywide Transit Corridors Functional Master Plan, an amendment to the Master Plan of Highways and Transportation, on November 26, 2013. The amendment authorizes the Department of Transportation to study enhanced transit options and Bus Rapid Transit for 10 transit corridors, including: Georgia Avenue North, Georgia Avenue South, MD 355 North, MD 355 South, New Hampshire Avenue, North Bethesda Transitway, Randolph Road, University Boulevard, US 29, Veirs Mill Road and Corridor Cities Transitway.

Estimated Schedule

Phase 1 (Alternatives Retained for Design Study) facility planning for the MD 355 and US 29 corridors occurred in FY15 and FY16. Phase 2 (Locally Preferred Alternative) facility planning for MD 355 will occur in FY17-19 contingent on State funding. Planning and design for US 29 will occur in FY17 and FY18. Construction may begin as early as FY18 contingent on State funding.

Cost Change

Increases reflect the addition of 1) \$5 million in FY17-19 to share costs with the Maryland Department of Transportation to conduct Phase 2 facility planning on MD 355; 2) \$4.9 million to complete planning and design for US 29; and 3) \$1.25 million for marketing and outreach.

Justification

The proposed RTS will reduce congestion on County and State roadways, increase transit ridership, and improve air quality. The RTS will enhance the County's ability to meet transportation demands for existing and future land uses. Plans & Studies: MCDOT Countywide Bus Rapid Transit Study, Final Report (July 2011); County Executive's Transit Task Force (May 2012); and, Countywide Transit corridors Functional Master Plan (November 2013).

Other

The County has programmed funds for the Maryland Department of Transportation (MDOT) to conduct preliminary engineering for a master-planned RTS line on Veirs Mill Road between the Rockville and Wheaton Metro Stations (\$6 million). This study is funded in the State Transportation Participation project, PDF #500722. The Georgia Avenue study was terminated in FY15.

Fiscal Note

Rapid Transit System (P501318)

The Maryland Department of Transportation draft Consolidated Transportation Program for 2014-2019 provides \$10 million for County Rapid Transit System planning; \$4.2 million in FY15 and \$5.8 million in FY16. The Department is using these funds to begin facility planning for the MD 355 and US 29 corridors; FY17 includes \$1.6 million in Liquor Bonds reallocated from the State Transportation Participation project. The project originally included \$1 million in Liquor Bonds for facility planning on the New Hampshire Avenue corridor. Those funds have been reallocated to US 29 planning and design. Assumes \$2 million in Impact Taxes from the cities of Rockville and Gaithersburg toward MD 355 facility planning. Assumes \$2 million in private contributions for US 29 planning and design.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Maryland Department of Transportation, Washington Metropolitan Area Transit Authority, Maryland-National Capital Park and Planning Commission, City of Rockville, City of Gaithersburg, Montgomery County Rapid Transit Steering Committee, State Transportation Participation project (#500722)

Ride On Bus Fleet (P500821)

Category Transportation
 Sub Category Mass Transit
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	228,826	79,351	45,209	104,266	18,115	16,882	23,199	17,340	17,860	10,870
Total	228,826	79,351	45,209	104,266	18,115	16,882	23,199	17,340	17,860	10,870

FUNDING SCHEDULE (\$000s)

Bond Premium	956	956	0	0	0	0	0	0	0	0
Contributions	475	0	475	0	0	0	0	0	0	0
Fed Stimulus (State Allocation)	6,550	6,550	0	0	0	0	0	0	0	0
Federal Aid	39,365	14,069	15,696	9,600	1,600	1,600	1,600	1,600	1,600	1,600
Impact Tax	2,350	1,881	469	0	0	0	0	0	0	0
Mass Transit Fund	97,227	1,621	12,440	83,166	7,015	14,882	21,199	15,340	15,860	8,870
Short-Term Financing	66,763	48,734	8,929	9,100	9,100	0	0	0	0	0
State Aid	15,140	5,540	7,200	2,400	400	400	400	400	400	400
Total	228,826	79,351	45,209	104,266	18,115	16,882	23,199	17,340	17,860	10,870

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	18,115
Appropriation Request Est.	FY 18	16,882
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		124,560
Expenditure / Encumbrances		100,363
Unencumbered Balance		24,197

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17 228,826
Last FY's Cost Estimate	190,996

Description

This project provides for the purchase of replacement and additional buses in the Ride On fleet in accordance with the Division of Transit Services' bus replacement plan and the Federal Transportation Administration's service guidelines

Estimated Schedule

FY17: 14 full-size CNG and 19 full-size diesel; FY18: 23 full-size CNG and 5 full-size hybrid; FY19: 9 full-size hybrid and 31 small diesel; FY20: 31 large diesel; FY21: 22 full-size hybrid; FY22: 13 full-size hybrid

Cost Change

Addition of 17 full-size diesel buses to implement Priority Service on MD 355 starting in FY18; addition of FY21 and FY22 for replacement buses.

Justification

The full-size transit buses have an expected useful life of twelve years. Smaller buses have an expected useful life of ten years.

Disclosures

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Department of General Services, Maryland Transit Administration

Transit Park and Ride Lot Renovations (P500534)

Category Transportation
 Sub Category Mass Transit
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Under Construction

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	552	24	291	237	148	89	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4	4	0	0	0	0	0	0	0	0	0
Construction	2,481	717	649	1,115	695	420	0	0	0	0	0
Other	2	2	0	0	0	0	0	0	0	0	0
Total	3,039	747	940	1,352	843	509	0	0	0	0	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	3,039	747	940	1,352	843	509	0	0	0	0	0
Total	3,039	747	940	1,352	843	509	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	843	Date First Appropriation	FY 05
Appropriation Request Est.	FY 18	509	First Cost Estimate	
Supplemental Appropriation Request		0	Current Scope	FY 15 3,039
Transfer		0	Last FY's Cost Estimate	3,039
Cumulative Appropriation		1,687		
Expenditure / Encumbrances		747		
Unencumbered Balance		940		

Description

This project provides repairs and renovations to parking lots at transit park and ride lots and transit centers to allow them to continue functioning as transit facilities and comply with Americans with Disabilities Act (ADA) requirements. In FY08/FY09, an evaluation and assessment of all park and ride facilities, including ADA accessibility and pedestrian safety, was completed to provide scope and detailed cost estimates for the restoration and upgrades.

Estimated Schedule

The plan calls for the following site renovations: FY17: Colesville Park and Ride, Greencastle Park and Ride FY18: Kingsview Park and Ride.

Justification

The County operates 8 transit park and ride lots and 3 transit centers in major transportation corridors. Several County park and ride lots have had major failures, resulting from the age and use of the facilities. Some of the lots were constructed more than 20 years ago. Pavement and the entrances were not constructed to support heavy bus traffic.

Other

Schedule was delayed to FY16 pending work with the Department Of Environmental Protection (DEP) on Low Impact Design (LID) to manage stormwater as close to its source as possible. At the park and ride lots DEP has designed and will manage the bio-retention facilities, rain gardens and permeable pavements. Lots include: Greencastle and Colesville Park and Ride lots.

Fiscal Note

Funding for this project is general obligation bonds dedicated to Mass Transit with debt service financed from the Mass Transit Facilities Fund.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland State Highway Administration, Department of Permitting Services, Maryland-National Capital Park and Planning Commission, Utilities, Department of Environmental Protection

Facility Planning Parking: Bethesda PLD (P501313)

Category Transportation
 Sub Category Parking
 Administering Agency Transportation (AAGE30)
 Planning Area Bethesda-Chevy Chase

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	880	144	196	540	90	90	90	90	90	90	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	20	20	0	0	0	0	0	0	0	0	0
Total	900	164	196	540	90	90	90	90	90	90	0

FUNDING SCHEDULE (\$000s)

Current Revenue: Parking - Bethesda	900	164	196	540	90	90	90	90	90	90	0
Total	900	164	196	540	90	90	90	90	90	90	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	90
Appropriation Request Est.	FY 18	90
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		360
Expenditure / Encumbrances		170
Unencumbered Balance		190

Date First Appropriation	FY 13	
First Cost Estimate		
Current Scope	FY 17	900
Last FY's Cost Estimate		720

Description

This project provides for parking facility planning studies for a variety of projects under consideration for possible inclusion in the CIP. Facility planning serves as a transition stage for a project between the master plan or conceptual stage and its inclusion as a stand-alone project in the CIP. Prior to the establishment of a stand-alone project, the Department of Transportation (DOT) will develop a Parking Facility Project Requirement (PFPR) that outlines the general and specific features required for the project. Facility planning is a decision-making process to determine the purpose and need of a candidate project through a rigorous investigation of the following critical project elements: usage forecasts; economic, social, environmental, and historic impact analysis; public participation; investigation of non-County sources of funding; and detailed project cost estimates. Facility planning represents planning and preliminary design and develops a PFPR in advance of full programming of a project in the CIP. Depending upon results of a facility planning determination of purpose and need, a project may or may not proceed to construction. For a full description of the facility planning process, see the CIP Planning Section.

Cost Change

Addition of FY21 and FY22 to this ongoing level of effort project.

Justification

There is a continuing need to study and evaluate the public and private parking supply and demand in order to ensure an adequate amount of parking. The timing and magnitude of such studies is usually dictated by the interests of private developers. Facility planning costs for projects which ultimately become stand-alone projects are included here. These costs will not be reflected in the resulting individual project.

Other

Projects are generated by staff, Maryland-National Capital Park and Planning Commission (M-NCPPC), public agencies, citizens, developers, etc. Analysis conducted under this project may be accomplished by consultants or in-house staff, with the cooperation of M-NCPPC, other County agencies, WMATA, or private development interests.

Disclosures

Expenditures will continue indefinitely.

Coordination

M-NCPPC, WMATA, Parking Bethesda Facility Renovations, Bethesda CBD Sector Plan, Developers

Facility Planning Parking: Silver Spring PLD (P501314)

Category Transportation
 Sub Category Parking
 Administering Agency Transportation (AAGE30)
 Planning Area Silver Spring

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	880	118	222	540	90	90	90	90	90	90	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	20	20	0	0	0	0	0	0	0	0	0
Total	900	138	222	540	90	90	90	90	90	90	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: Parking - Silver Spring	900	138	222	540	90	90	90	90	90	90	0
Total	900	138	222	540	90	90	90	90	90	90	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	90
Appropriation Request Est.	FY 18	90
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		360
Expenditure / Encumbrances		141
Unencumbered Balance		219

Date First Appropriation	FY 13	
First Cost Estimate		
Current Scope	FY 17	900
Last FY's Cost Estimate		720

Description

This project provides for parking facility planning studies for a variety of projects under consideration for possible inclusion in the CIP. Facility planning serves as a transition stage for a project between the master plan or conceptual stage and its inclusion as a stand-alone project in the CIP. Prior to the establishment of a stand-alone project, the Department of Transportation (DOT) will develop a Parking Facility Project Requirement (PFPR) that outlines the general and specific features required for the project. Facility planning is a decision-making process to determine the purpose and need of a candidate project through a rigorous investigation of the following critical project elements: usage forecasts; economic, social, environmental, and historic impact analysis; public participation; investigation of non-County sources of funding; and detailed project cost estimates. Facility planning represents planning and preliminary design and develops a PFPR in advance of full programming of a project in the CIP. Depending upon results of a facility planning determination of purpose and need, a project may or may not proceed to construction. For a full description of the facility planning process, see the CIP Planning Section.

Cost Change

Addition of FY21-22 to this ongoing level of effort project.

Justification

There is a continuing need to study and evaluate the public and private parking supply and demand in order to ensure an adequate amount of parking. The timing and magnitude of such studies is usually dictated by the interests of private developers. Facility planning costs for projects which ultimately become stand-alone projects are included here. These costs will not be reflected in the resulting individual project.

Other

Projects are generated by staff, Maryland-National Capital Park and Planning Commission (M-NCPPC), public agencies, citizens, developers, etc. Analysis conducted under this project may be accomplished by consultants or in-house staff, with the cooperation of M-NCPPC, other County agencies, WMATA, or private development interests.

Disclosures

Expenditures will continue indefinitely.

Coordination

M-NCPPC, WMATA, Parking Silver Spring Renovations, Silver Spring CBD Sector Plan, Developers, PEPCO, Department of Technology Services

Facility Planning Parking: Wheaton PLD (P501312)

Category Transportation
 Sub Category Parking
 Administering Agency Transportation (AAGE30)
 Planning Area Kensington-Wheaton

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	450	23	157	270	45	45	45	45	45	45	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	450	23	157	270	45	45	45	45	45	45	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: Parking - Wheaton	450	23	157	270	45	45	45	45	45	45	0
Total	450	23	157	270	45	45	45	45	45	45	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	45
Appropriation Request Est.	FY 18	45
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		180
Expenditure / Encumbrances		23
Unencumbered Balance		157

Date First Appropriation	FY 13
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	360

Description

This project provides for parking facility planning studies for a variety of projects under consideration for possible inclusion in the CIP. Facility planning serves as a transition stage for a project between the master plan or conceptual stage and its inclusion as a stand-alone project in the CIP. Prior to the establishment of a stand-alone project, the Department of Transportation (DOT) will develop a Parking Facility Project Requirement (PFPR) that outlines the general and specific features required for the project. Facility planning is a decision-making process to determine the purpose and need of a candidate project through a rigorous investigation of the following critical project elements: usage forecasts; economic, social, environmental, and historic impact analysis; public participation; investigation of non-County sources of funding; and detailed project cost estimates. Facility planning represents planning and preliminary design and develops a PFPR in advance of full programming of a project in the CIP. Depending upon results of a facility planning determination of purpose and need, a project may or may not proceed to construction. For a full description of the facility planning process, see the CIP Planning Section.

Cost Change

Addition of FY21-22 to this ongoing level of effort project.

Justification

There is a continuing need to study and evaluate the public and private parking supply and demand in order to ensure an adequate amount of parking. The timing and magnitude of such studies is usually dictated by the interests of private developers. Facility planning costs for projects which ultimately become stand-alone projects are included here. These costs will not be reflected in the resulting individual project.

Other

Projects are generated by staff, Maryland-National Capital Park and Planning Commission (M-NCPPC), public agencies, citizens, developers, etc. Analysis conducted under this project may be accomplished by consultants or in-house staff, with the cooperation of M-NCPPC, other County agencies, WMATA, or private development interests.

Disclosures

Expenditures will continue indefinitely.

Coordination

M-NCPPC, WMATA, Parking Wheaton Facility Renovations, Wheaton CBD Sector Plan, Developers

Parking Lot Districts Service Facility (P501551)

Category Transportation
 Sub Category Parking
 Administering Agency Transportation (AAGE30)
 Planning Area Silver Spring

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	729	164	150	415	300	115	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	227	0	0	227	227	0	0	0	0	0	0
Construction	3,126	0	0	3,126	2,333	793	0	0	0	0	0
Other	115	0	0	115	0	115	0	0	0	0	0
Total	4,197	164	150	3,883	2,860	1,023	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: Parking - Silver Spring	4,197	164	150	3,883	2,860	1,023	0	0	0	0	0
Total	4,197	164	150	3,883	2,860	1,023	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				43	0	-17	15	15	15	15	
Maintenance				260	0	-8	67	67	67	67	
Program-Other				-689	0	147	-209	-209	-209	-209	
Net Impact				-386	0	122	-127	-127	-127	-127	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	612
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,585
Expenditure / Encumbrances		340
Unencumbered Balance		3,245

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	3,585

Description

The PLD Service Facility is proposed to include offices for the meter and maintenance teams, shops for meter repair and cleaning, dry storage and staff facilities for everyday use and emergency service callbacks. The facility will allow consolidation of the existing Parking Maintenance office directly across Spring Street (currently in leased space) and the Meter Maintenance Shop currently located on the ground floor of Garage 4 near Thayer Avenue and Fenton Street. The facility will be adjacent to the northern wall of Garage 2.

Location

1200 Spring Street, Silver Spring

Capacity

The facility will consist of 11,500 gross square feet of office, shop, and staff facilities space to support approximately 30 to 35 staff members and contractual employees.

Estimated Schedule

Design performed during FY15 and FY16. Construction will be performed during FY17 and the first quarter of FY18.

Cost Change

Costs increased for construction materials, provision of PEPCO services to site, and installation of a green roof.

Justification

Moving the Meter Maintenance Shop will allow the future sale/redevelopment of the property. The existing lease for the Parking Maintenance Office is located in a building that has been purchased by a new owner. The County has been put on notice that the lease will not be renewed at its scheduled termination. The Meter Shop currently is located in Garage 4 in South Silver Spring. This facility will either need extensive rehabilitation for continued use or may be the subject of a future demolition and redevelopment. Combining these teams in one location will allow space saving for conference rooms; kitchen and break room. Garage 2 also has space for additional employee parking and secure parking for Meter Maintenance vehicles. An analysis by the Leasing Office of the Department of General Services has determined that leasing or buying an existing building will cost significantly more than the construction of a new facility on PLD owned land. Operating expenses are expected to decrease by combining the two current facilities into one.

Fiscal Note

There will be no land costs since the facility will be built on a surface lot owned by the Parking Lot District. Full appropriation was requested in FY15 in order to accomplish a design/build contract.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Parking Lot Districts Service Facility (P501551)

PEPCO, Washington Suburban Sanitary Commission, Department of Technology Services, Office of Management and Budget, Maryland-National Capital Park and Planning Commission

Pkg Beth Fac Renovations (P508255)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Parking
Transportation (AAGE30)
Bethesda-Chevy Chase

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,288	98	208	1,982	313	360	368	348	281	312	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	16,571	405	1,611	14,555	2,312	2,642	2,697	2,552	2,064	2,288	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	18,859	503	1,819	16,537	2,625	3,002	3,065	2,900	2,345	2,600	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: Parking - Bethesda	18,859	503	1,819	16,537	2,625	3,002	3,065	2,900	2,345	2,600	0
Total	18,859	503	1,819	16,537	2,625	3,002	3,065	2,900	2,345	2,600	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,625
Appropriation Request Est.	FY 18	3,002
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,322
Expenditure / Encumbrances		811
Unencumbered Balance		1,511

Date First Appropriation	FY 83
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	18,325
	6,413

Description

This project provides for the renovation of or improvements to Bethesda parking facilities. This is a continuing program of contractual improvements or renovations, with changing priorities depending upon the type of deterioration and corrections required, that will protect or improve the physical infrastructure to assure safe and reliable parking facilities and to preserve the County's investment. The scope of this project will vary depending on the results of studies conducted under the Facility Planning Parking project. Included are annual consultant services, if required, to provide investigation, analysis, recommended repair methods, contract documents, inspection, and testing.

Cost Change

Addition of FY21-22 to this ongoing level of effort project with a partial closeout offsetting reduction.

Justification

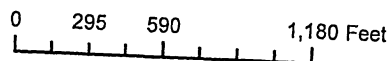
Staff inspection and condition surveys by County inspectors and consultants indicate that facilities in the Bethesda Parking Lot District are in need of rehabilitation and repair work. Not performing this restoration work within the time and scope specified may result in serious structural integrity problems to the subject parking facilities as well as possible public safety hazards.

Disclosures

Expenditures will continue indefinitely.

Coordination

Facility Planning Parking: Bethesda PLD



Pkg Sil Spg Fac Renovations (P508250)

Category Transportation
 Sub Category Parking
 Administering Agency Transportation (AAGE30)
 Planning Area Silver Spring

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	3,400	574	276	2,550	425	425	425	425	425	425	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	19,940	609	6,221	13,110	2,185	2,185	2,185	2,185	2,185	2,185	0
Other	13	13	0	0	0	0	0	0	0	0	0
Total	23,353	1,196	6,497	15,660	2,610	2,610	2,610	2,610	2,610	2,610	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: Parking - Silver Spring	23,353	1,196	6,497	15,660	2,610	2,610	2,610	2,610	2,610	2,610	0
Total	23,353	1,196	6,497	15,660	2,610	2,610	2,610	2,610	2,610	2,610	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,610
Appropriation Request Est.	FY 18	2,610
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		7,693
Expenditure / Encumbrances		2,132
Unencumbered Balance		5,561

Date First Appropriation	FY 83
First Cost Estimate	
Current Scope	FY 17 23,353
Last FY's Cost Estimate	22,230

Description

This project provides for the restoration of, or improvements to, Silver Spring parking facilities to address deterioration due to use and age. This is a continuing program of contractual improvements or restorations, with changing priorities depending upon the types of deterioration and corrections required. Corrective measures are required to ensure adequate and proper serviceability over the design life of the facilities and to preserve the County's investment. The scope of this project may vary depending on the results of the studies conducted under Facility Planning: Parking. The project will protect or improve the physical infrastructure to assure continuation of safe and reliable parking facilities. Included are annual consultant services, if required, to provide investigation, analysis, recommend repair methods, contract documents, inspection, and testing.

Cost Change

Increase due to addition of FY21-22 to this ongoing level of effort project with a partial closeout offsetting reduction.

Justification

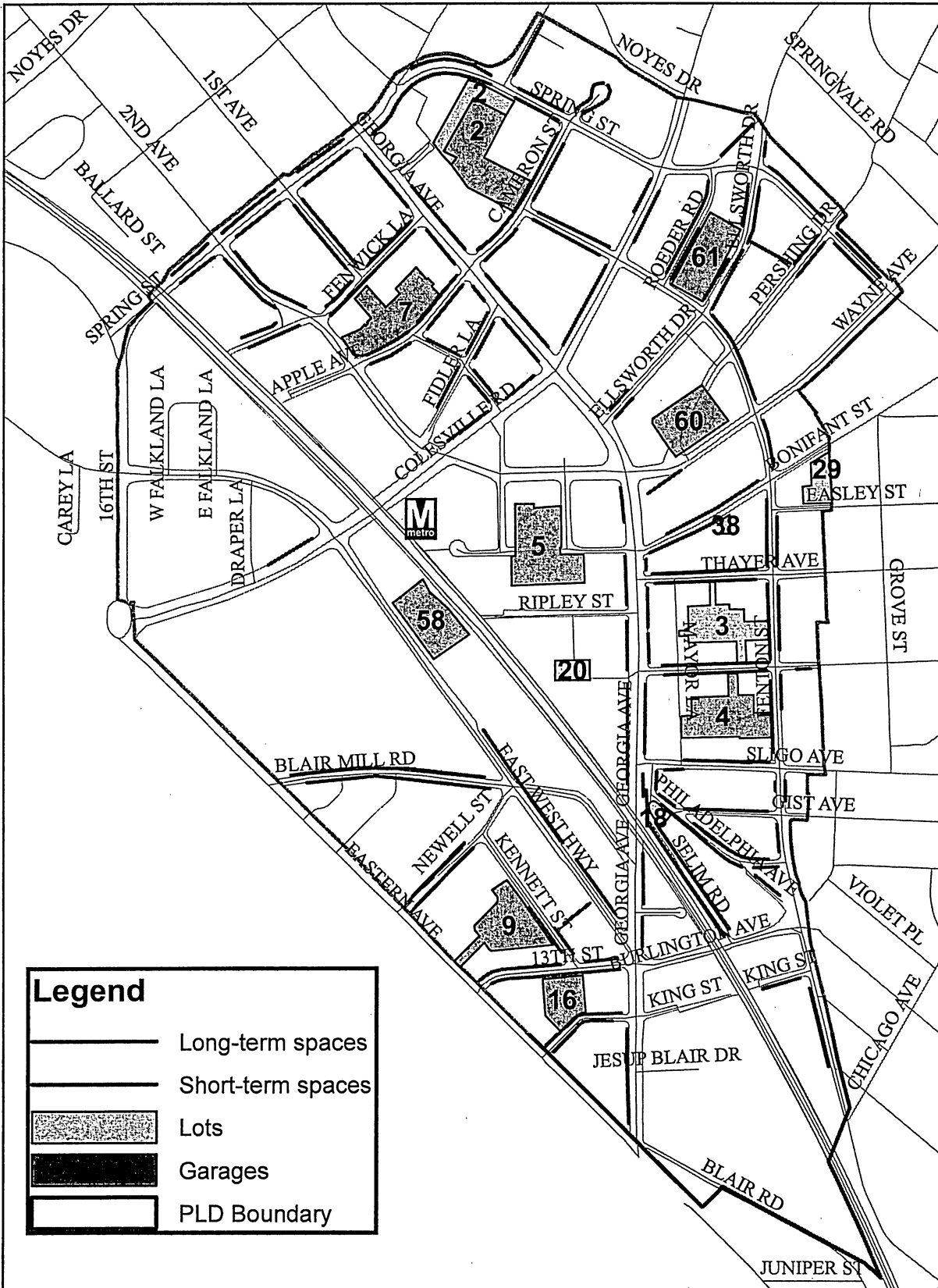
Staff inspection and condition surveys by County inspectors and consultants indicate that facilities at the Silver Spring Parking Lot District are in need of rehabilitation and repair work. Not performing this restoration work within the time and scope specified may result in serious structural integrity problems to the subject parking facilities as well as possible public safety hazards. A professional engineering assessment of the Silver Spring garages was performed in 2013 and is the basis of the list of near term and long term improvements.

Disclosures

Expenditures will continue indefinitely.



Silver Spring Parking Lot District



0 305 610 1,220 Feet

Montgomery County Maryland
Parking Management
Planning & Project Development Section



Pkg Wheaton Fac Renovations (P509709)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Parking
Transportation (AAGE30)
Kensington-Wheaton

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	120	0	48	72	12	12	12	12	12	12	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	862	1	261	600	100	100	100	100	100	100	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	982	1	309	672	112	112	112	112	112	112	0

FUNDING SCHEDULE (\$000s)

Current Revenue: Parking - Wheaton	982	1	309	672	112	112	112	112	112	112	0
Total	982	1	309	672	112	112	112	112	112	112	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	112
Appropriation Request Est.	FY 18	112
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		339
Expenditure / Encumbrances		52
Unencumbered Balance		287

Date First Appropriation	FY 97
First Cost Estimate	
Current Scope	FY 17 1,056
Last FY's Cost Estimate	977

Description

This project provides for the restoration of, or improvements to, Wheaton parking facilities to address deterioration due to use and age. This is a continuing program of contractual improvements or restorations, with changing priorities depending upon the types of deterioration and corrections required. Corrective measures are required to ensure adequate and proper serviceability over the design life of the facilities and to preserve the County's investment. The scope of this project may vary depending on the results of the studies conducted under Facility Planning: Parking.

Cost Change

Addition of FY21-22 to this ongoing level of effort project with a partial closeout offsetting reduction.

Justification

Staff inspection and condition surveys by County inspectors and consultants indicate that facilities at the Wheaton Parking Lot District are in need of rehabilitation and repair work. Not performing this restoration work within the time and scope specified may result in serious structural integrity problems to the subject parking facilities as well as possible public safety hazards.

Disclosures

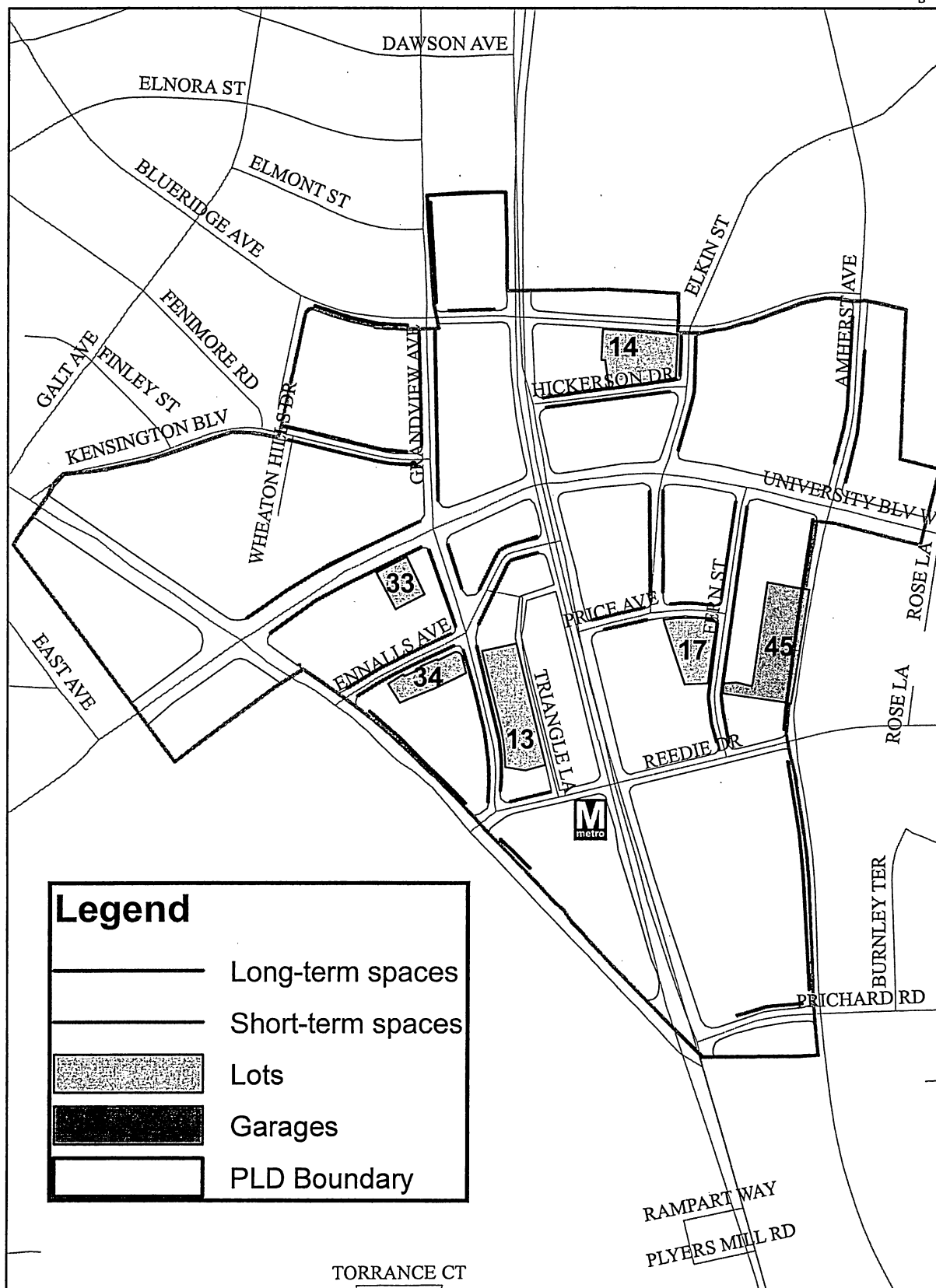
Expenditures will continue indefinitely.

Coordination

Facility Planning Parking: Wheaton PLD



Wheaton Parking Lot District



0 200 400 800 Feet

Montgomery County Maryland
Parking Management
Planning & Project Development Section



Silver Spring Lot 3 Parking Garage (P501111)

Category Transportation
 Sub Category Parking
 Administering Agency Transportation (AAGE30)
 Planning Area Shady Grove Vicinity

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	240	0	0	240	50	190	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	240	0	0	240	50	190	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: Parking - Silver Spring	240	0	0	240	50	190	0	0	0	0	0
Total	240	0	0	240	50	190	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				28	0	0	7	7	7	7	
Maintenance				28	0	0	7	7	7	7	
Program-Other				156	0	0	3	51	51	51	
Net Impact				212	0	0	17	65	65	65	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		240
Expenditure / Encumbrances		0
Unencumbered Balance		240

Date First Appropriation	FY 14	
First Cost Estimate		
Current Scope	FY 11	240
Last FY's Cost Estimate		240

Description

This project provides for an underground, 152 space public parking garage on the current site of Public Parking Lot #3, located at 8206 Fenton Street in Silver Spring. The underground, public parking garage will be designed and constructed by a private development partner the County selected through a competitive Request for Proposal (RFP) process. The private development has received Project Plan approval from the Planning Board. The specific mix of uses and numbers of private parking spaces to be constructed are currently being determined within the Site Plan approval process.

Location

Fenton Street Village, Fenton St and Thayer Avenue, Silver Spring

Capacity

The underground, public parking garage will consist of 152 County owned and operated public parking spaces.

Estimated Schedule

Expected construction to begin late FY17, depending on developer funding and schedule revision.

Justification

Public Parking Lot #3 is being redeveloped in accordance with the Silver Spring Sector Plan. Based on an analysis conducted by the Department of Transportation's Division of Parking Management, the underground, public parking garage is appropriately sized to meet the needs of the planned private redevelopment project and the current parking needs of the service area. Mandatory referral to Maryland-National Capital Park and Planning Commission (M-NCPPC) for the County's underground, public parking garage has been completed.

Fiscal Note

The County has completed a General Development Agreement (GDA) that obligates the developer to construct the parking garage and title it to the County as a condominium on a turn key basis in exchange for fee simple title to the County land. The only costs to the County are estimated to involve review of the garage design and construction inspection to ensure the facility is constructed in accordance with County standards.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

PEPCO, Washington Suburban Sanitary Commission, Department of Technology Services, Office of Management and Budget, Maryland-National Capital Park and Planning Commission

ADA Compliance: Transportation (P509325)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Pedestrian Facilities/Bikeways
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,593	501	394	1,698	283	283	283	283	283	283	0
Land	583	583	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	252	0	84	168	28	28	28	28	28	28	0
Construction	9,484	0	2,200	7,284	1,214	1,214	1,214	1,214	1,214	1,214	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	12,912	1,084	2,678	9,150	1,525	1,525	1,525	1,525	1,525	1,525	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	12,912	1,084	2,678	9,150	1,525	1,525	1,525	1,525	1,525	1,525	0
Total	12,912	1,084	2,678	9,150	1,525	1,525	1,525	1,525	1,525	1,525	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,525
Appropriation Request Est.	FY 18	1,525
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,762
Expenditure / Encumbrances		1,328
Unencumbered Balance		2,434

Date First Appropriation	FY 93
First Cost Estimate	
Current Scope	FY 17 12,912
Last FY's Cost Estimate	10,839

Description

This project provides for both curb ramps for sidewalks and new transportation accessibility construction in compliance with the requirements of the Americans with Disabilities Act of 1991 (ADA). This improvement program provides for planning, design, and reconstruction of existing Countywide infrastructure to enable obstruction-free access to public facilities, public transportation, Central Business Districts (CBDs), health facilities, shopping centers, and recreation. Curb ramp installation at intersections along residential roads will be constructed based on population density. Funds are provided for the removal of barriers to wheelchair users such as signs, poles, and fences, and for intersection improvements such as the reconstruction of median breaks and new curb ramps, crosswalks, and sidewalk connectors to bus stops. Curb ramps are needed to enable mobility for physically-impaired citizens, for the on-call transit program Accessible Ride On, and for County-owned and leased facilities. A portion of this project will support the Renew Montgomery program. One aspect of this project will focus on improving pedestrian walkability by creating a safer walking environment, utilizing selected engineering technologies, and ensuring ADA compliance.

Cost Change

Cost change due to the addition of FY21 and FY22 to this ongoing project partially offset by capitalization of prior year expenditures.

Justification

Areas served by Metrorail and other densely populated areas have existing infrastructure which was constructed without adequate consideration of the specialized needs of persons with disabilities or impaired mobility. This project improves access to public facilities and services throughout the County in compliance with the ADA.

Disclosures

A pedestrian impact analysis has been completed for this project.

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Maryland Department of Transportation, Washington Metropolitan Area Transit Authority, Department of Housing and Community Affairs, Department of Health and Human Services, Commission on People with Disabilities, Montgomery County Pedestrian Safety Advisory Committee, Commission on Aging, Maryland State Highway Administration, MARC Rail, Sidewalk and Infrastructure Revitalization Project, Sidewalk Program - Minor Projects, U.S. Department of Justice, BIPPA

Bethesda Bikeway and Pedestrian Facilities (P500119)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Pedestrian Facilities/Bikeways
Transportation (AAGE30)
Bethesda-Chevy Chase

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
Yes
None
Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,280	1,400	68	812	506	306	0	0	0	0	0
Land	376	0	0	376	0	376	0	0	0	0	0
Site Improvements and Utilities	165	80	0	85	0	85	0	0	0	0	0
Construction	2,408	1,256	0	1,152	0	1,152	0	0	0	0	0
Other	1	1	0	0	0	0	0	0	0	0	0
Total	5,230	2,737	68	2,425	506	1,919	0	0	0	0	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	5,230	2,737	68	2,425	506	1,919	0	0	0	0	0
Total	5,230	2,737	68	2,425	506	1,919	0	0	0	0	0
OPERATING BUDGET IMPACT (\$000s)											
Energy				4	0	0	1	1	1	1	
Net Impact				4	0	0	1	1	1	1	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	297
Appropriation Request Est.	FY 18	1,413
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,520
Expenditure / Encumbrances		2,993
Unencumbered Balance		527

Date First Appropriation	FY 04
First Cost Estimate	
Current Scope	FY 17 5,230
Last FY's Cost Estimate	3,520

Description

This project provides bikeway network improvements and pedestrian intersection improvements as specified in the Bethesda Central Business District (CBD) Sector Plan to complete the requirements of Stage I development.

Location

Bethesda CBD

Estimated Schedule

The design for the remaining Capital Crescent Surface Trail project (Bethesda Avenue, 47th Street, and Willow Lane bike facilities) is expected to be complete in FY17 and construction in FY18.

Cost Change

Scope increase due to the addition of a shared-use path along the northern side of Bethesda Avenue between Woodmont Avenue and Wisconsin Avenue, MD 355; Geometric revisions to the Bethesda Avenue/Woodmont Avenue intersection to shorten the trail crossing distance; and land acquisition.

Justification

The Bethesda CBD has little net remaining capacity for employment under the current Stage I development restrictions. It is desirable to get the Bethesda CBD into Stage II development to increase employment capacity. The Bethesda CBD Sector Plan of 1994 recommends that certain bikeway and pedestrian improvements be implemented (see Table 5.2 of the Sector Plan) to allow the area to go to Stage II development. Bethesda Central Business District Sector Plan, July 1994.

Other

The scope of work was planned and coordinated with local communities, property owners, and the Bethesda Urban Partnership before cost estimates for final design and construction were developed. Costs could be further refined and amended once feasibility is determined during the design process.

Fiscal Note

The funding schedule reflects a one year delay in the start of the Capital Crescent Surface Trail construction to FY18.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Bethesda Chevy Chase Regional Services Center, Bethesda Urban Partnership, Montgomery Bicycle Action Group, Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, Bethesda CBD Streetscape (CIP #501102), Trails: Hard Surface Design and Construction (CIP #768673), Resurfacing Park Roads - Bridges, Maryland Transit Administration, Washington Metropolitan Area Transit Authority

Bicycle-Pedestrian Priority Area Improvements (P501532)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Pedestrian Facilities/Bikeways
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/19/16
No
None
TBA

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,600	309	216	2,075	300	300	300	375	400	400	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	13,775	0	850	12,925	1,700	1,700	1,700	2,125	2,850	2,850	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	16,375	309	1,066	15,000	2,000	2,000	2,000	2,500	3,250	3,250	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	375	309	66	0	0	0	0	0	0	0	0
G.O. Bonds	16,000	0	1,000	15,000	2,000	2,000	2,000	2,500	3,250	3,250	0
Total	16,375	309	1,066	15,000	2,000	2,000	2,000	2,500	3,250	3,250	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,000
Appropriation Request Est.	FY 18	2,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,375
Expenditure / Encumbrances		309
Unencumbered Balance		1,066

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	5,375

Description

The project provides for the design and construction of bicycle and pedestrian capital improvements in the 28 Bicycle-Pedestrian Priority Areas (BiPPAs) identified in County master plans. Examples of such improvements include, but are not limited to: sidewalk, curb, and curb ramp reconstruction to meet ADA best practices, bulb-outs, cycle tracks, street lighting, and relocation of utility poles.

Location

A study in FY15 identified sub-projects in the following BiPPAs: Glenmont, Grosvenor, Silver Spring Central Business District, Veirs Mill/Randolph Road, and Wheaton Central Business District.

Estimated Schedule

Subprojects in the Silver Spring CBD BiPPA began in FY16. Planning for the Flower Avenue/Piney Branch Road; Piney Branch Road/University Boulevard, and the Takoma-Langley Sector Plan will occur in FY17. Implementation of subprojects in the Grosvenor, Glenmont, Wheaton CD, Veirs Mill Road/Randolph Road, Flower Avenue/Piney Branch Road; Piney Branch Road/University Boulevard, and Takoma-Langley Crossroads BiPPAs will begin in FY17 and subsequent years.

Cost Change

Cost Change due to the addition of FY21 And FY22 to this ongoing project and additional \$1.0 million per year level of effort FY17-19, \$1.5 million in FY20 and \$2.25 million in FY21 and FY22.

Justification

This project will enhance the efforts in other projects to improve pedestrian and bicycle mobility in those areas where walking and biking are most prevalent. These efforts will also help meet master plan non-auto-driver mode share (NADMS) goals.

Other

The 28 BiPPAs are identified in various county master plans.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Chambers of Commerce, Department of Permitting Services, Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, Regional Service Centers, Urban Districts, Utility companies, Washington Metropolitan Area Transit Authority

Bikeway Program - Minor Projects (P507596)

Category Transportation
 Sub Category Pedestrian Facilities/Bikeways
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,408	415	0	993	143	170	170	170	170	170	0
Land	103	43	0	60	10	10	10	10	10	10	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	3,555	0	1,428	2,127	377	350	350	350	350	350	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	5,066	458	1,428	3,180	530	530	530	530	530	530	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	4,805	208	1,428	3,169	519	530	530	530	530	530	0
State Aid	261	250	0	11	11	0	0	0	0	0	0
Total	5,066	458	1,428	3,180	530	530	530	530	530	530	0

OPERATING BUDGET IMPACT (\$000s)											
Maintenance				5	0	1	1	1	1	1	1
Net Impact				5	0	1	1	1	1	1	1

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	530
Appropriation Request Est.	FY 18	530
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,886
Expenditure / Encumbrances		968
Unencumbered Balance		918

Date First Appropriation	FY 75	
First Cost Estimate		
Current Scope	FY 17	5,066
Last FY's Cost Estimate		4,897

Description

This program provides for the planning, design, and construction of bikeways, trails, and directional route signs throughout the County to develop the bikeway network specified by master plans and those requested by the community to provide access to commuter rail, mass transit, major employment centers, recreational and educational facilities, and other major attractions. The program will construct bicycle facilities that will cost less than \$1,000,000 and includes shared use paths, on-road bicycle facilities, wayfinding, and signed shared routes.

Estimated Schedule

Avery Road (FY17-18), Rockville Pike at Strathmore (FY18-20), Washington Grove Connector (FY21-22), and Emory Lane (FY21-22).

Cost Change

Cost increase due to the addition of FY21 and FY22 to this on-going project partially offset by capitalization of prior year expenditures.

Justification

There is a continuing and increasing need to develop a viable and effective bikeway and trail network throughout the County to increase bicyclist safety and mobility, provide an alternative to the use of automobiles, reduce traffic congestion, reduce air pollution, conserve energy, enhance quality of life, provide recreational opportunities, and encourage healthy life styles. This program implements the bikeways recommended in local area master plans, in the 2005 Countywide Bikeways Functional Master Plan and those identified by individuals, communities, the Montgomery County Bicycle Action Group, or bikeway segments and connectors necessitated by the subdivision process. Projects identified by individuals and communities will be used as an ongoing project guide which will be implemented in accordance with the funds available in each fiscal year. This program also complements and augments the bikeways that are included in road projects.

Disclosures

A pedestrian impact analysis has been completed for this project.

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Maryland Department of Transportation, Maryland State Highway Administration, Maryland-National Capital Park and Planning Commission, Department of Police, Citizen Advisory Boards, Montgomery County Bicycle Action Group, Coalition for the Capital Crescent Trail, Montgomery Bicycle Advocates

Bradley Boulevard (MD 191) Improvements (P501733)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Pedestrian Facilities/Bikeways
Transportation (AAGE30)
Bethesda-Chevy Chase

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/13/16

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,908	0	0	1,350	0	0	0	668	682	0	558
Land	5,029	0	0	1,776	0	0	0	0	0	1,776	3,253
Site Improvements and Utilities	1,965	0	0	0	0	0	0	0	0	0	1,965
Construction	6,598	0	0	0	0	0	0	0	0	0	6,598
Other	0	0	0	0	0	0	0	0	0	0	0
Total	15,500	0	0	3,126	0	0	0	668	682	1,776	12,374

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	15,500	0	0	3,126	0	0	0	668	682	1,776	12,374
Total	15,500	0	0	3,126	0	0	0	668	682	1,776	12,374

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 17 15,500
Last FY's Cost Estimate	0

Description

This project provides for completing final design and construction for the master planned dual bikeway along Bradley Boulevard which includes two 11' traffic lanes, two 5' on-road bike lanes, an 8' off-road shared use path on the north side of the road, and a 5' sidewalk on the south side of the road. The project limits extend approximately one mile from Wilson Lane to Glenbrook Road. The project connects the existing sidewalk on Bradley Boulevard east of Goldsboro Road and an existing sidewalk on Wilson Lane to improve pedestrian safety and provide access to transit stops and the Bethesda CBD. The project also includes the addition of left turn lanes on all four legs of the Bradley Boulevard and Wilson Lane intersection, two additional un-signalized crosswalks across Bradley Boulevard at Durbin Road and Pembroke Road, drainage improvements, and pedestrian lighting. This project also includes the land acquisitions and utility relocations that support the roadway improvements. The project is broken down into phases. Phase I includes everything except for the shared-use path, which is assumed in Phase II.

Estimated Schedule

Phase I: Final design will begin in FY 20 and finish in FY21. Land acquisition is scheduled to begin in FY22. Construction will start and end in FY25. Phase II: final design, land acquisition and construction will be scheduled beyond the current 6 year fiscal cycle.

Justification

The service area is predominantly high-income residential with several schools (Landon, Whitman HS, and Pyle MS) that could potentially generate bike-trips. Bethesda Row and other shopping centers are located a half mile to the east. There are 17 Montgomery County Ride-On bus stops (8 westbound and 9 eastbound) within the project area. This project will comply with area master plans, improve bicycle and pedestrian facilities, encourage bicycle usage and improve safety for all users. It will improve access to major destination in and beyond the project area and ultimately connect to other sidewalk and bicycle facilities.

Other

Costs are based on preliminary design. This project currently provides funding for phase I improvements only.

Fiscal Note

The total estimated cost for all phases of this project is in the \$18 to \$20 million range including design, land acquisition, site improvements, utility relocation and construction. The project can be built in phases to better absorb cost and financial constraints.

Capital Crescent Trail (P501316)

Category	Transportation	Date Last Modified	11/17/14
Sub Category	Pedestrian Facilities/Bikeways	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Bethesda-Chevy Chase	Status	Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	681	69	92	480	100	125	125	50	40	40	40
Land	1,430	0	1,430	0	0	0	0	0	0	0	0
Site Improvements and Utilities	238	0	238	0	0	0	0	0	0	0	0
Construction	55,048	0	2,056	52,933	13,092	11,491	14,086	10,249	2,848	1,167	59
Other	0	0	0	0	-3,000	-3,000	-3,000	3,000	3,000	3,000	0
Total	57,397	69	3,816	53,413	10,192	8,616	11,211	13,299	5,888	4,207	99

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	48,606	0	0	48,507	10,192	8,616	9,011	10,593	5,888	4,207	99
Impact Tax	8,791	69	3,816	4,906	0	0	2,200	2,706	0	0	0
Total	57,397	69	3,816	53,413	10,192	8,616	11,211	13,299	5,888	4,207	99

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	8,023
Appropriation Request Est.	FY 18	8,616
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		6,054
Expenditure / Encumbrances		275
Unencumbered Balance		5,779

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	57,397
	95,856

Description

This project provides for the funding of the Capital Crescent trail, including the main trail from Elm Street Park in Bethesda to Silver Spring as a largely 12-foot-wide hard-surface hiker-biker path, connector paths at several locations, a new bridge over Connecticut Avenue, a new underpass beneath Jones Mill Road, supplemental landscaping and amenities, and lighting at trail junctions, underpasses, and other critical locations.

Justification

This trail will be part of a larger system to enable non-motorized traffic in the Washington, DC region. This trail will connect to the existing Capital Crescent Trail from Bethesda to Georgetown, the Metropolitan Branch Trail from Silver Spring to Union Station, and the Rock Creek Bike Trail from northern Montgomery County to Georgetown. The trail will serve pedestrians, bicyclists, joggers, and skaters, and will be compliant with the Americans with Disabilities Act of 1990 (ADA), the Bethesda CBD Sector Plan, and the Purple Line Functional Master Plan.

Other

The County will continue to coordinate with the Maryland Transit Administration (MTA) to identify options to build a sidewalk or path alongside the Purple Line beneath Wisconsin Avenue and the Air Rights and Apex buildings in Bethesda. If the County and the MTA identify feasible options, the County will consider adding them to the scope of this project in the future.

Fiscal Note

The project schedule and cost estimates were updated in FY17 as a result of the MTA's proposed public-private partnership for the Purple Line and reflects the actual bid by the Concessionaire. The expenditure schedule also reflects a negotiated cash flow arrangement with MTA for FY17-19, allowing a deferral of \$3 million per year to FY20-22.

Coordination

Maryland Transit Administration, Maryland Department of Transportation, State Highway Administration, Maryland-National Capital Park and Planning Commission, Bethesda Bikeway and Pedestrian Facilities, Coalition for the Capital Crescent Trail, CSX Transportation, Washington Metropolitan Area Transit Authority. Special Capital Projects Legislation [Bill No. 32-14] was adopted by Council by June 17, 2014.

Falls Road East Side Hiker/ Biker Path (P500905)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Pedestrian Facilities/Bikeways
Transportation (AAGE30)
Potomac-Travilah

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/13/16
No
None
Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,786	0	0	1,786	0	0	0	119	1,500	167	0
Land	2,700	0	0	2,700	0	0	0	0	1,794	906	0
Site Improvements and Utilities	3,000	0	0	3,000	0	0	0	0	0	3,000	0
Construction	17,344	0	0	286	0	0	0	0	0	286	17,058
Other	0	0	0	0	0	0	0	0	0	0	0
Total	24,830	0	0	7,772	0	0	0	119	3,294	4,359	17,058

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	18,536	0	0	1,478	0	0	0	119	0	1,359	17,058
Impact Tax	6,244	0	0	6,244	0	0	0	0	3,244	3,000	0
Intergovernmental	50	0	0	50	0	0	0	0	50	0	0
Total	24,830	0	0	7,772	0	0	0	119	3,294	4,359	17,058

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 17 24,830
Last FY's Cost Estimate	24,830

Description

This project provides funds to develop final design plans, acquire right-of-way, and construct approximately 4 miles of an 8-foot bituminous hiker/biker path along the east side of Falls Road from River Road to Dunster Road. Falls Road is classified as a major highway and has a number of side street connections along the project corridor. The path will provide pedestrians and cyclists safe access to communities along this project corridor, and will provide a connection to existing pedestrian facilities to the north (Rockville) and to the south (Potomac).

Location

Falls Road from River Road to Dunster Road

Estimated Schedule

Final design to start in FY20 and conclude in FY22. Property acquisition to start in FY21 and take approximately 2 years to complete. Utility relocations and construction will start in FY22.

Justification

This path provides access to public transportation along Falls Road. The path will provide pedestrian access to the following destinations: bus stops along Falls Road, Bullis School, Ritchie Park Elementary School, Potomac Community Center, Potomac Library, Potomac Village Shopping Center, Potomac Promenade Shopping Center, Heritage Farm Park, Falls Road Golf Club, Falls Road Park, and a number of religious facilities along Falls Road. The 2002 Potomac Subregion Master Plan calls for a Class I (off-road) bike path along Falls Road from the Rockville City limit to MacArthur Boulevard. The path is a missing link between existing bicycle facilities within the City of Rockville and existing path along Falls Road south of River Road.

Other

Montgomery County Department of Transportation has completed Phase 2 facility planning, preliminary design, with funds from the annual bikeway program.

Fiscal Note

Intergovernmental revenue represents the Washington Suburban Sanitary Commission's (WSSC) portion of the water and sewer relocation costs. Federal Transportation Enhancement Funds will be pursued after property acquisition has been completed. The project schedule is adjusted due to fiscal capacity.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland-National Capital Park and Planning Commission (M-NCPPC), State Highway Administration, Utility Companies, Department of Environmental Protection, Department of Permitting Services, Washington Gas, Pepco, Verizon, Maryland Department of Natural Resources

Flower Avenue Sidewalk (P501206)

Category	Transportation	Date Last Modified	11/17/14
Sub Category	Pedestrian Facilities/Bikeways	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Takoma Park	Status	Under Construction

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	200	0	0	200	200	0	0	0	0	0	0
Total	200	0	0	200	200	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	200	0	0	200	200	0	0	0	0	0	0
Total	200	0	0	200	200	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0	Date First Appropriation	FY 16
Appropriation Request Est.	FY 18	0	First Cost Estimate	
Supplemental Appropriation Request		0	Current Scope	FY 12
Transfer		0	Last FY's Cost Estimate	200
Cumulative Appropriation		200		
Expenditure / Encumbrances		0		
Unencumbered Balance		200		

Description

This project provides for the County's contribution to the City of Takoma Park for the construction of the sidewalk and the rehabilitation of Flower Avenue (MD 787) between Piney Branch Road and Carroll Avenue. The City of Takoma Park will annex the full width of the right-of-way on the east side of the road and take ownership and maintenance responsibilities from the State. The City will transform the road into a green street, including the construction of an ADA compliant sidewalk on the east side of the road. The County's contribution is subject to the County's review and concurrence of the scope of work for the sidewalk component of the green street project.

Location

Flower Avenue between Piney Branch Road and Carroll Avenue

Justification

Flower Avenue is heavily traveled by transit riders and pedestrians. Washington Adventist University and Washington Adventist Hospital are on this stretch of Flower Avenue. Various Ride On routes serve this segment. Rolling Terrace Elementary School, the Long Branch commercial district, library and recreation center, and the future Long Branch Purple Line stop are all within a few blocks. The project would convert a mile-long street into a green street.

Other

Expenditures will be programmed in FY17. The City of Takoma Park is expected to accept transfer of the road and build the green street and sidewalk in advance of the County's contribution.

Fiscal Note

The County's maximum contribution will be \$200,000 in FY17. An MOU between the County and the City of Takoma Park must be signed before these funds will be appropriated.

Coordination

City of Takoma Park, Maryland Department of Transportation, Maryland State Highway Administration

Franklin Avenue Sidewalk (P501734)

Category	Transportation	Date Last Modified	5/11/16
Sub Category	Pedestrian Facilities/Bikeways	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Silver Spring	Status	Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	914	0	0	914	0	0	0	346	355	213	0
Land	865	0	0	865	0	0	0	0	412	453	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	1,521	0	0	1,521	0	0	0	0	0	1,521	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,300	0	0	3,300	0	0	0	346	767	2,187	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	3,300	0	0	3,300	0	0	0	346	767	2,187	0
Total	3,300	0	0	3,300	0	0	0	346	767	2,187	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0	Date First Appropriation	
Appropriation Request Est.	FY 18	0	First Cost Estimate	
Supplemental Appropriation Request		0	Current Scope	FY 17 3,300
Transfer		0	Last FY's Cost Estimate	0
Cumulative Appropriation		0		
Expenditure / Encumbrances		0		
Unencumbered Balance		0		

Description

This project provides for continuous sidewalk along the north side of Franklin Ave from Colesville Rd (US 29) to University Blvd (MD 193). The project includes 4600 linear feet of sidewalk, new curb and gutter, and storm drains.

Estimated Schedule

Final Design will begin in FY20. Land acquisition will begin in FY21 and Construction will occur in FY22.

Justification

This project is needed to construct a missing segment of sidewalk along the north side of Franklin Ave. Continuous and safe pedestrian access will be provided to existing sidewalks and bikeways, transit stops, churches, schools and public facilities in the Silver Spring area. This project conforms to the 2000 East Silver Spring Master Plan.

Other

Preliminary Design was completed in the Facility Planning - Transportation project in FY15.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Maryland Transit Administration, Maryland Department of Transportation, State Highway Administration, Office of the County Executive, Maryland-National Capital Park and Planning Commission, Department of General Services, Department of Permitting Services, Silver Spring Transportation Management District, Silver Spring Chamber of Commerce.

Frederick Road Bike Path (P501118)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Pedestrian Facilities/Bikeways
Transportation (AAGE30)
Clarksburg

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,820	821	389	610	100	215	295	0	0	0	0
Land	1,198	12	326	860	173	687	0	0	0	0	0
Site Improvements and Utilities	802	0	670	132	0	92	40	0	0	0	0
Construction	3,373	0	0	3,373	150	1,548	1,675	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	7,193	833	1,385	4,975	423	2,542	2,010	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	7,193	833	1,385	4,975	423	2,542	2,010	0	0	0	0
Total	7,193	833	1,385	4,975	423	2,542	2,010	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				9	0	0	0	3	3	3	
Maintenance				36	0	0	0	12	12	12	
Net Impact				45	0	0	0	15	15	15	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	4,975
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,218
Expenditure / Encumbrances		870
Unencumbered Balance		1,348

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY 15
Last FY's Cost Estimate	7,193

Description

This project provides for the design, land acquisition, and construction of a new 10-foot wide hiker-biker path along the west side of Frederick Road (MD 355) between Stringtown Road and the existing hiker-biker path near Milestone Manor Lane, a distance of approximately 2.5 miles. The entire project will replace about 0.9 miles of existing sidewalk segments in order to provide a continuous route serving two schools, two parks, and a church. The project includes streetlights and street trees.

Location

Frederick Road between Stringtown Road and Milestone Manor Lane

Estimated Schedule

Final design and land acquisitions are currently underway. Utility relocations will start in FY17 and will be completed in FY19. Construction will start in FY17 and will be completed in FY19.

Justification

This project will provide the first bike path connection between Clarksburg and north Germantown.

Fiscal Note

Funds for this project were originally programmed through Public Facilities Roads (CIP #507310). The project schedule is adjusted to reflect latest implementation.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland State Highway Administration, Maryland-National Capital Park and Planning Commission, Utility Companies

Life Sciences Center Loop Trail (P501742)

Category	Transportation	Date Last Modified	11/17/14
Sub Category	Pedestrian Facilities/Bikeways	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Gaithersburg	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	400	0	0	400	50	350	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	400	0	0	400	50	350	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	400	0	0	400	50	350	0	0	0	0	0
Total	400	0	0	400	50	350	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	400	Date First Appropriation	FY 17
Appropriation Request Est.	FY 18	0	First Cost Estimate	
Supplemental Appropriation Request		0	Current Scope	FY 17
Transfer		0	Last FY's Cost Estimate	0
Cumulative Appropriation		0		
Expenditure / Encumbrances		0		
Unencumbered Balance		0		

Description

The project provides for the planning of the of 3.5 mile Life Sciences Center Loop Trail, a 12 to 10-foot wide shared use path that is a central feature of the Life Sciences Center (LSC) area of the Great Seneca Science Corridor Master Plan. The Life Sciences Center Loop Trail is a critical staging element to increasing the non-auto driver mode share (NADMS) prior to the expansion of stage 2 of the master plan's development. The shared use path will widen existing sidewalks along certain existing or planned streets in the Life Science Center (Omega Drive, Medical Center Drive, Johns Hopkins Drive, Belward Campus Drive, Decoverly Drive) as well as new roadways through the Public Safety Training Academy (PSTA) property and Crown Farm. The planning and design will create a trail design that is able to respond to varying right-of-way widths and other local conditions while providing a trail system that is recognizable and will attract walkers, runners and bicycle riders and will contribute to the LSC's sense of place. The design will enable both private developers and the county to build their respective pieces of the LSC loop in a consistent manner.

Estimated Schedule

Preliminary design will begin FY 17 and be completed in FY 18.

Justification

This project will enhance and improve pedestrian and bicycle mobility, help meet master plan non-auto-driver mode share (NADMS) goals and support the critical staging element to advance to stage 2 of the master plan's development.

Other

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection, and Planning Act.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Chambers of Commerce, City of Gaithersburg, City of Rockville, Department of General Services, Department of Permitting Services, Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, Maryland Transit Administration, Regional Service Centers, Universities at Shady Grove, Urban Districts, Utility Companies, Washington Metropolitan Area Transit Authority

MacArthur Blvd Bikeway Improvements (P500718)

Category	Transportation	Date Last Modified	11/17/14
Sub Category	Pedestrian Facilities/Bikeways	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Potomac-Travilah	Status	Under Construction

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	4,710	2,770	0	1,940	0	0	506	1,034	200	200	0
Land	380	180	0	200	0	0	0	200	0	0	0
Site Improvements and Utilities	596	6	0	590	0	0	0	0	0	590	0
Construction	12,141	5,534	467	6,140	0	0	0	0	2,860	3,280	0
Other	3	3	0	0	0	0	0	0	0	0	0
Total	17,830	8,493	467	8,870	0	0	506	1,234	3,060	4,070	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	17,830	8,493	467	8,870	0	0	506	1,234	3,060	4,070	0
Total	17,830	8,493	467	8,870	0	0	506	1,234	3,060	4,070	0

OPERATING BUDGET IMPACT (\$000s)											
Maintenance				22	0	0	0	0	11	11	
Net Impact				22	0	0	0	0	11	11	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0	Date First Appropriation	FY 07	
Appropriation Request Est.	FY 18	0	First Cost Estimate		
Supplemental Appropriation Request		0	Current Scope	FY 15	17,830
Transfer		0	Last FY's Cost Estimate		17,830
Cumulative Appropriation		9,240			
Expenditure / Encumbrances		8,994			
Unencumbered Balance		246			

Description

This project provides bikeway improvements along 4.7 miles of MacArthur Boulevard from I-495 to the District of Columbia. To increase capacity and enhance safety for users, the existing shared-use path along the south side of MacArthur Boulevard will be widened, wherever feasible, to an eight-foot paved width with a five-foot wide grass buffer provided between the path and the roadway. In addition, to encourage alternate modes of travel and to accommodate the needs of on-road commuter and experienced bicyclists, the roadway itself will be widened, wherever feasible, to a consistent 26-foot pavement width, essentially adding a three-foot wide shoulder to each side of the existing 20-foot pavement width. The project will also provide minor highway improvements along MacArthur Boulevard to enhance overall safety for pedestrians, cyclists and motorists alike.

Location

MacArthur Boulevard between I-495 and the District of Columbia

Estimated Schedule

From I-495 to Oberlin Avenue: Construction was started in FY12 and was substantially completed in FY15. From Oberlin Avenue to the District city line: Design will start in FY17 with construction to start in FY 21 and be completed in FY22.

Justification

This project improves safety and accessibility for pedestrians and bicyclists of all experience levels and enhances connectivity with other bikeways in the vicinity. In addition, spot improvements will improve deficiencies and immediate safety on MacArthur Boulevard. The Department of Transportation (DOT) prepared a Transportation Facility Planning Study document entitled MacArthur Boulevard Bike Path/Lane Improvements-Project Prospectus in February 2004, which is consistent with the October 2004 Potomac Subregion Master Plan and the 1978 Master Plan Bikeways.

Other

Preliminary design costs were funded through Facility Planning: Transportation (CIP #509337).

Fiscal Note

In FY14, \$530,000 in GO Bonds was transferred from Century Boulevard (P501115).

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

U.S. Army Corps of Engineers (Washington Aqueduct Division), National Park Service (NPS), Maryland Department Of Natural Resources (DNR), Maryland-National Capital Park and Planning Commission, Town Of Glen Echo, Washington Suburban Sanitary Commission, PEPCO, Verizon, Comcast

MD 355 Crossing (BRAC) (P501209)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Pedestrian Facilities/Bikeways
Transportation (AAGE30)
Bethesda-Chevy Chase

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Bids Let

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	14,760	5,149	2,000	7,611	2,537	2,537	2,537	0	0	0	0
Land	330	0	0	330	13	317	0	0	0	0	0
Site Improvements and Utilities	7,049	19	1,030	6,000	2,000	2,000	2,000	0	0	0	0
Construction	50,841	8	4,000	46,833	15,611	15,611	15,611	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	72,980	5,176	7,030	60,774	20,161	20,465	20,148	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Federal Aid	68,174	5,176	7,030	55,968	20,161	20,465	15,342	0	0	0	0
State Aid	4,806	0	0	4,806	0	0	4,806	0	0	0	0
Total	72,980	5,176	7,030	60,774	20,161	20,465	20,148	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				15	0	0	0	5	5	5	
Net Impact				15	0	0	0	5	5	5	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		72,980
Expenditure / Encumbrances		11,816
Unencumbered Balance		61,164

Date First Appropriation	FY 12	
First Cost Estimate		
Current Scope	FY 15	72,980
Last FY's Cost Estimate		72,980

Description

This design-build project provides for right-of-way negotiations, utility relocations, and the design and construction of a multi-modal grade separated connection between the Walter Reed National Military Medical Center (WRNMMC) and the Medical Center Metro Rail station. The project consists of two major elements: (1) a shallow pedestrian and bicycle underpass below MD 355/Rockville Pike just south of the South Wood Road/South Drive intersection; access to the underpass will be provided by elevators, escalators and stairs; and (2) a bank of three high-speed elevators on the eastern side of MD 355 that will provide a direct connection from the WRNMMC to the existing Metro station mezzanine, about 120 feet below the elevation of MD 355. Canopies will cover the stairs and escalators. The project also includes extension of the southbound MD 355 left turn lane in the existing median to provide additional queuing for vehicles turning into the WRNMMC hospital entrance at South Wood Road; expansion of the curb radius at the northwestern corner of MD 355/South Drive to improve bus access to the Metrorail station; and stormwater management. The scope of the work is included in the NEPA document prepared by the County Department of Transportation (DOT) and approved by the Federal Highway Administration. This project also provides for the construction of the MD 355 and Jones Bridge Road/Center Drive (BRAC) intersection improvements, which are intended to increase the capacity and operations of the intersection to support the mission of the new WRNMMC. The westbound lanes of Jones Bridge Road will have modified lane configurations to provide a double left-turn lane onto southbound MD 355. Eastbound Center Drive will be widened to the south to provide an exclusive left-turn lane onto northbound MD 355. A dynamic lane control will be implemented between Wood Road/South Drive and Jones Bridge Road/Center Drive. Pedestrian safety improvements include upgrading the intersections and sidewalks to comply with the Americans with Disabilities Act (ADA). Improvements and connections to existing hiker/biker trails are also included with this project. Other improvements include reconstruction of traffic signals and improved drainage facilities.

Location

MD355 between Walter Reed Military Medical Center and Medical Center Metrorail Station

Estimated Schedule

This project started design in FY12 and will complete construction in FY19.

Justification

MD 355 Crossing (BRAC) (P501209)

This project is needed to improve the mobility, traffic operations, and safety for all facility users within the project area by reducing existing conflicts between pedestrians and vehicles. Currently, transit users, pedestrians, and bicyclists crossing MD 355 between WRNMMC, the Medical Center Metrorail Station, and the National Institutes of Health (NIH) must compete for traffic signal time and space with very high traffic volumes along the 6 lanes of MD 355 and with the traffic turning to and from South Wood Road and from South Drive onto MD 355. With the implementation of the 2005 Base Realignment and Closure Act (BRAC), the existing conflicts will increase as the number of visitors to the Hospital is expected to double from the current 500,000 visitors per year to 1,000,000 visitors per year. It is also expected that a majority of visitors will rely on public transportation which requires them to cross MD 355 since parking availability at the site has been significantly reduced. The MD 355 and Jones Bridge Road intersection improvements are needed to improve the capacity and operations of the intersection to support the mission of the new WRNMMC and provide safe pedestrian and bicycle facilities. To reduce disruption and improve coordination, the County will perform the intersection improvements and will be fully reimbursed by the State Highway Administration.

Other

This project will be constructed through a design-build contract, where a single contractor will perform both design and construction of the project, resulting in cost and time savings compared to design-bid-build contracts. Evaluation of technical proposals is underway. Price proposals will be evaluated after the technical evaluation is complete. If necessary, adjustments to the schedule and/or cost will be made after evaluations are completed.

Fiscal Note

This project is funded entirely with Federal Aid and State Aid. Preliminary design and environmental analysis (NEPA Study) funding was included in the State Transportation Participation project (500722) in the amount of \$880,000. The additional FY13 appropriation in the amount of \$40 million is for a competitive Federal Grant under the U.S. Office of Economic Adjustment (OEA). The SHA will provide reimbursement for the MD 355/Jones Bridge Road intersection improvements.

Disclosures

A pedestrian impact analysis has been completed for this project.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Maryland-National Capital Park & Planning Commission, Maryland State Highway Administration, Maryland Department of the Environment, Maryland Department of Planning/Maryland Historical Trust, Washington Metropolitan Area Transit Authority, Federal Highway Administration, Naval Support Activity Bethesda, National Institutes of Health

MD355-Clarksburg Shared Use Path(P501744)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Pedestrian Facilities/Bikeways
Transportation (AAGE30)
Clarksburg

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Preliminary Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	931	0	0	931	543	194	73	121	0	0	0
Land	105	0	0	105	0	105	0	0	0	0	0
Site Improvements and Utilities	1,000	0	0	1,000	0	0	318	682	0	0	0
Construction	1,274	0	0	1,274	0	0	450	824	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,310	0	0	3,310	543	299	841	1,627	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	2,787	0	0	2,787	20	299	841	1,627	0	0	0
State Aid	523	0	0	523	523	0	0	0	0	0	0
Total	3,310	0	0	3,310	543	299	841	1,627	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				2	0	0	0	0	1	1
Net Impact				2	0	0	0	0	1	1

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	737
Appropriation Request Est.	FY 18	105
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 17
First Cost Estimate	
Current Scope	FY 17 3,310
Last FY's Cost Estimate	0

Description

This project is to provide design, land acquisition, utility relocations and construction of a new 10-foot wide shared use bike path along the eastern side of Frederick Road (MD 355) from Snowden Farm Parkway to 830 feet north of Clarksburg Road (MD 121) and a new 5-foot sidewalk to Stringtown Road a distance of 2,125. The total length of project is approximately 3,593 linear feet. This project also provides construction of approximately 2,000 feet of retaining walls to reduce impacts to adjacent properties.

Location

Frederick Road from Snowden Farm Parkway to Stringtown Road

Estimated Schedule

Preliminary design is to start in FY17. Construction is to start in FY19.

Justification

This project provides links between the northern limit of the Frederick Road Bike Path, CIP project number 501118, and the southern limit of the Little Bennett Regional Park Trail Connector. The planned facilities will improve pedestrian and biker access to the Clarksburg town center, Clarksburg High School and Little Bennett Regional Park. The project also leverages State Aid.

Disclosures

A pedestrian impact analysis has been completed for this project.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Frederick Road Bike C.I.P. Project No. 501118. Little Bennett Regional Park Trail Connector, Clarksburg Road/MD355/MD 121 Intersection Improvement Project C.I.P. No. 508000, Maryland National Park & Planning Commission.

MD 355 Sidewalk (Hyattstown) (P501104)

Category Transportation
Sub Category Pedestrian Facilities/Bikeways
Administering Agency Transportation (AAGE30)
Planning Area Clarksburg

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Under Construction

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	859	452	329	78	78	0	0	0	0	0	0
Land	119	119	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	324	0	227	97	97	0	0	0	0	0	0
Construction	878	36	552	290	290	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	2,180	607	1,108	465	465	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	2,175	607	1,103	465	465	0	0	0	0	0	0
Intergovernmental	5	0	5	0	0	0	0	0	0	0	0
Total	2,180	607	1,108	465	465	0	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Maintenance				5	0	1	1	1	1	1	1
Net Impact				5	0	1	1	1	1	1	1

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,180
Expenditure / Encumbrances		612
Unencumbered Balance		1,568

Date First Appropriation	FY 11	
First Cost Estimate		
Current Scope	FY 13	2,180
Last FY's Cost Estimate		2,180

Description

This project provides for the rehabilitation of existing sidewalk and for construction of a ½ mile section of continuous sidewalk along the west side of MD 355 between Hyattstown Mill Road and a point just south of the Montgomery/Frederick County line. The sidewalk will connect Hyattstown Historical District to the Little Bennett Regional Park and provide safe pedestrian access to transit stops, retail stores, and residences adjacent to the roadway. It requires significant coordination with the Maryland Historical Trust (MHT), Maryland-National Capital Park and Planning Commission's (M-NCPPC) Office of Historic Preservation, Maryland State Highway Administration, and the local businesses and the property owners/residents.

Location

MD355 between Hyattstown Road and Montgomery/Frederick County Line

Estimated Schedule

Final design will be completed by Fall 2015. Land acquisition to be completed by Winter 2015/2016. Construction to start in Spring 2016 and to be completed in 9 months.

Justification

This sidewalk provides a safe and more direct pedestrian access to neighborhoods, retail stores, civic space, and transit stops within the Hyattstown Historic District. The project will also provide the community with a direct link between the town and the Little Bennett Regional Park. The 1994 Clarksburg Master Plan and Hyattstown Special Study Area encourages the installation of sidewalk along the MD 355 (Frederick Road) within the town. The existing sidewalk has deteriorated and needs immediate improvements. There is an October 2003 MD 355 (Frederick Road) Sidewalk Feasibility Study prepared by the Maryland State Highway Administration (SHA). A review of impacts to pedestrians, bicyclists and the requirements of the ADA (Americans with Disabilities Act of 1991) is being performed and addressed by this project. The Clarksburg Master Plan & Hyattstown Special Study Area, Approved and Adopted in June 1994 recommends that, as part of the preservation of the historic district of Hyattstown, sidewalks be installed along Frederick Road, "where topography allows, as long as the sidewalks are informal and meandering." The Master Plan also recommends the installation of lighting and street furniture, the creation of community gateways at both ends of the study limits, and planting of street trees in an informal pattern.

Fiscal Note

Intergovernmental funding includes a Washington Suburban Sanitary Commission (WSSC) contribution based on the Memorandum of Understanding between DOT and WSSC dated November 30, 1984

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

MD 355 Sidewalk (Hyattstown) (P501104)

Maryland Department of the Environment, Montgomery County Department of Permitting Services, Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, Maryland Historical Trust, Utility Companies, Upcounty Regional Services Center

Metropolitan Branch Trail (P501110)

Category	Transportation	Date Last Modified	4/26/16
Sub Category	Pedestrian Facilities/Bikeways	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Silver Spring	Status	Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	4,590	1,525	739	2,326	233	500	1,593	0	0	0	0
Land	2,967	8	2,959	0	0	0	0	0	0	0	0
Site Improvements and Utilities	626	0	10	616	10	35	571	0	0	0	0
Construction	10,110	0	274	9,836	266	4,305	5,265	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	18,293	1,533	3,982	12,778	509	4,840	7,429	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	18,293	1,533	3,982	12,778	509	4,840	7,429	0	0	0	0
Total	18,293	1,533	3,982	12,778	509	4,840	7,429	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	509
Appropriation Request Est.	FY 18	12,269
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,515
Expenditure / Encumbrances		1,658
Unencumbered Balance		3,857

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	18,293

Description

This project provides for the design, land acquisition, utility relocations, and construction of the 0.6 mile segment of the trail in Montgomery County between the end of the existing trail in Takoma Park and the Silver Spring Transit Center. The trail will be designed to be 8 feet to 12 feet in width. The construction will be performed in three phases: the initial phase will construct the trail segment along Fenton Street and King Street; the second phase will extend the trail to Georgia Avenue; the final phase will construct a new bridge over Georgia Avenue and extend the trail to Ripley Street. The design for the second phase will include a grade-separated crossing of Burlington Avenue, the narrowing of Selim Road, and the construction of retaining walls. Two sections of the trail north of the B&O train station will be constructed by a developer during the development of the new progress place and the redevelopment of the existing progress place sites. This project's scope of work includes connecting the two developer installed trail segments and widening the existing section at Ripley Street.

Estimated Schedule

Phase I final design and land acquisition will be completed in FY16. Phase I construction will begin in FY16 and be completed in FY17. Phase II utility relocations will be completed in FY18. Phase II construction will begin in FY18 and Phase III will start in FY19. Phases II and III construction will be completed in FY19.

Justification

The Metropolitan Branch Trail is to be part of a larger system of trails to enable non-motorized travel around the Washington region. The overall goal for these trails is to create a bicycle beltway that links Union Station and the Mall in Washington, D.C. to Takoma Park, Silver Spring, and Bethesda in Maryland. The trail will serve pedestrians, bicyclists, joggers, and skaters, and will be Americans with Disabilities Act of 1990 (ADA) accessible. Plans & Studies: Silver Spring Central Business District Sector Plan. Disabilities Act of 1990 (ADA) accessible. Plans & Studies: Silver Spring Central Business District Sector Plan.

Other

The County is currently negotiating with the Maryland Historical Trust and Maryland Preservation Inc. regarding right-of-way impacts and the final alignment of a pedestrian bridge crossing over Georgia Avenue. The initial design for the project was funded through Facility Planning: Transportation (CIP#509337). The expenditures reflect the previously approved FY13-18 alignment over Georgia Avenue, which provides a crossing that is safe, cost-effective, and has a more limited visual impact than other proposed alternatives. This project will be coordinated with the redevelopment of Progress Place and other construction activity in the Ripley district of Silver Spring to minimize impacts to surrounding property owners.

Fiscal Note

Federal Transportation Enhancement Funds will be pursued after property acquisition is complete.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Washington Metropolitan Area Transit Authority, CSX-Transportation, Maryland State Highway Administration, Montgomery College, Maryland Historical Trust, Purple Line Project, Maryland-National Capital Park and Planning Commission, Montgomery County Department of Health and Human Services. Special Capital Projects Legislation was enacted on June 23, 2015 and signed into law on July 6, 2015 (Bill No. 29-15).

Needwood Road Bikepath (P501304)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Pedestrian Facilities/Bikeways
Transportation (AAGE30)
Shady Grove Vicinity

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
Yes
None
Under Construction

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,557	721	1,136	700	349	351	0	0	0	0	0
Land	90	0	52	38	38	0	0	0	0	0	0
Site Improvements and Utilities	146	0	60	86	0	86	0	0	0	0	0
Construction	2,972	0	1,025	1,947	359	1,588	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	5,765	721	2,273	2,771	746	2,025	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	4,905	606	2,273	2,026	1	2,025	0	0	0	0	0
State Aid	860	115	0	745	745	0	0	0	0	0	0
Total	5,765	721	2,273	2,771	746	2,025	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				40	0	0	10	10	10	10	
Maintenance				8	0	0	2	2	2	2	
Net Impact				48	0	0	12	12	12	12	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,126
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,639
Expenditure / Encumbrances		1,001
Unencumbered Balance		2,638

Date First Appropriation	FY 15	
First Cost Estimate		
Current Scope	FY 17	5,765
Last FY's Cost Estimate		4,200

Description

This project provides for the design of a new 8-foot wide shared use path along the south side of Needwood Road, a distance of approximately 1.7 miles, between Deer Lake Road and Muncaster Mill Road (MD 115) in order to provide a safe and continuous pedestrian and bike connection to the Shady Grove Metro Station, Colonel Zadok Magruder High School, the Inter-County Connector (ICC) Shared Use Path, Rock Creek Trail, future North Branch Trail, and Rock Creek Regional Park (Lake Needwood). The project will also include the design and construction of the crossing of Muncaster Mill Road at Needwood Road intersection and a new 6-foot sidewalk along the east side of Muncaster Mill Road, a distance of approximately 450 feet, from Needwood Road to Colonel Zadok Magruder High School.

Estimated Schedule

The right-of-way acquisition for a shared use path along Needwood Road from Deer Lake Road to west of Lake Needwood and from the ICC trail termini to Muncaster Mill Road will be completed in FY17. Construction will start in FY16 and be completed in FY18.

Cost Change

Cost increase of \$1.57 million due to an increase in the project scope including replacement of parapet walls on Needwood Road bridge and of approximately 1,600 feet of traffic barriers to meet American Association of State Highway and Transportation Officials (AASHTO) current design standards and additional 5-foot wide full depth pavement on the north side of the road along Lake Needwood needed to accommodate additional 1,400 feet of traffic barriers between the road and the proposed bike path.

Justification

This project will provide for a safe and continuous pedestrian and bike access to Shady Grove Metro Station, schools, parks and bicycle trails to enhance multi-modal transportation for commuters and recreational users. The Upper Rock Creek Area Master Plan (2004) and Countywide Bikeways Functional Master Plan (2005) propose a dual bikeway - shared use path and on-road bike lanes - on Needwood Road from Redland Road to Muncaster Mill Road. Design of this project will not preclude the future implementation of on-road bike lanes on Needwood Road.

Fiscal Note

This project is approved for \$860,000 in state grants for the design and construction of a shared-use path along Needwood Road from the ICC to west of Lake Needwood. An FY14 supplemental appropriation request was approved for this project for the amount of \$1,930,000 (including \$860,000 in state aid and \$1,070,000 in matching County bonds). Funds for this project were originally programmed through Bikeway Program-Minor Projects (CIP #507596).

Disclosures

A pedestrian impact analysis has been completed for this project.

Needwood Road Bikepath (P501304)

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Maryland Department of Transportation, Maryland State Highway Administration, Maryland-National Capital Park and Planning Commission

Seven Locks Bikeway & Safety Improvements (P501303)

Category	Transportation	Date Last Modified	11/17/14
Sub Category	Pedestrian Facilities/Bikeways	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Potomac-Travilah	Status	Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	3,897	0	0	2,098	0	0	1,705	357	18	18	1,799
Land	6,882	0	0	5,854	0	0	0	2,131	2,131	1,592	1,028
Site Improvements and Utilities	1,178	0	0	300	0	0	0	0	0	300	878
Construction	15,987	0	0	0	0	0	0	0	0	0	15,987
Other	0	0	0	0	0	0	0	0	0	0	0
Total	27,944	0	0	8,252	0	0	1,705	2,488	2,149	1,910	19,692

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	27,929	0	0	8,252	0	0	1,705	2,488	2,149	1,910	19,677
Intergovernmental	15	0	0	0	0	0	0	0	0	0	15
Total	27,944	0	0	8,252	0	0	1,705	2,488	2,149	1,910	19,692

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	FY 13 27,944
Last FY's Cost Estimate	27,944

Description

This project provides for pedestrian and bicycle improvements for dual bicycle facilities (on-road and off-road), and enhanced, continuous pedestrian facilities along Seven Locks Road from Montrose Road to Bradley Boulevard (3.3 miles) plus a bike path on Montrose Road between Seven Locks Road and the I-270 ramp, plus northbound and eastbound auxiliary through lanes with on-road bike lanes at the intersection of Seven Locks Road and Tuckerman Lane. The project is broken down into three phases: Phase I provides dual bikeway and pedestrian facilities for the segment of Seven Locks Road from Montrose Road to Tuckerman Lane including the bike path on Montrose and the improvements to the Tuckerman Lane intersection. Phase II provides a dual bikeway and pedestrian facilities for the segment of Seven Locks Road from Tuckerman Lane to Democracy Boulevard. Phase III provides a dual bikeway and pedestrian facilities for the segment of Seven Locks Road from Democracy Boulevard to Bradley Boulevard.

Location

Potomac-Travilah

Estimated Schedule

Design is scheduled to start in FY19 and land acquisition in FY20.

Justification

This project is needed to address bicycle facility disconnects along Seven Locks Road. The roadway lacks adequate north-south, on-road/off-road bicycle facilities necessary to provide continuity and connection between existing and future bike facilities. Continuous bicycle and pedestrian facilities are needed to allow safe access to residential, retail and commercial destinations, as well as existing religious and educational and facilities. Plans and studies include: 2002 Potomac Sub-Region Master Plan 2005 Countywide Bikeways Master Plan MCDOT Facility Planning Phase I & II

Other

Costs are based on preliminary design. This project currently provides funding for Phase I improvements only.

Fiscal Note

The total estimated cost of the project for all three phases is in the \$50 to \$60 million range, including design, land acquisition, site improvements, utility relocation, and construction. The project can be built in phases to better absorb cost and financial constraints. The project schedule is adjusted due to fiscal capacity.

Coordination

Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Pepco, Verizon, Washington Gas, Washington Suburban Sanitary Commission

Sidewalk Program - Minor Projects (P506747)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Pedestrian Facilities/Bikeways
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	5,425	729	1,576	3,120	520	520	520	520	520	520	0
Land	71	2	33	36	6	6	6	6	6	6	0
Site Improvements and Utilities	126	33	9	84	14	14	14	14	14	14	0
Construction	15,664	1,172	3,248	11,244	1,874	1,874	1,874	1,874	1,874	1,874	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	21,286	1,936	4,866	14,484	2,414	2,414	2,414	2,414	2,414	2,414	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	21,210	1,936	4,790	14,484	2,414	2,414	2,414	2,414	2,414	2,414	0
State Aid	76	0	76	0	0	0	0	0	0	0	0
Total	21,286	1,936	4,866	14,484	2,414	2,414	2,414	2,414	2,414	2,414	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,414
Appropriation Request Est.	FY 18	2,414
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		6,802
Expenditure / Encumbrances		2,278
Unencumbered Balance		4,524

Date First Appropriation	FY 67
First Cost Estimate	
Current Scope	FY 17 21,286
Last FY's Cost Estimate	18,096

Description

This pedestrian access improvement program provides sidewalks on County-owned roads and some State-maintained roadways. Some funds from this project will go to support the Renew Montgomery program. The Department of Transportation maintains an official list of all outstanding sidewalk requests. Future projects are evaluated and selected from this list, which is continually updated with new requests. In addition, projects identified by the Citizens' Advisory Boards are placed on the list. One aspect of this project will focus on improving pedestrian walkability by creating a safer walking environment, utilizing selected engineering technologies, and ensuring Americans with Disabilities Act of 1990 (ADA) compliance.

Cost Change

Cost change due to the addition of FY21 and FY22 to this ongoing project partially offset by partial capitalization of prior year expenditures.

Justification

In addition to connecting existing sidewalks, these projects increase pedestrian safety and facilitate walking to: Metrorail stations, bus stops, shopping and medical centers, employment, recreational, and school sites. This program also complements and augments the bikeways that are included in road projects.

Other

Projects implemented under this project originate from private citizens, citizen associations, and public agencies. Projects are evaluated and scheduled using sidewalk prioritization procedures.

Disclosures

A pedestrian impact analysis has been completed for this project.

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Renew Montgomery Program, Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, Montgomery County Public Schools, Washington Metropolitan Area Transit Authority, Sidewalk and Infrastructure Revitalization, Maryland Mass Transit Administration, Montgomery County Pedestrian Safety Advisory Committee, Commission on People with Disabilities

Silver Spring Green Trail (P509975)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Pedestrian Facilities/Bikeways
Transportation (AAGE30)
Silver Spring

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,442	1,192	0	250	0	50	50	50	50	50	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	533	0	0	533	118	114	120	90	77	14	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,975	1,192	0	783	118	164	170	140	127	64	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	265	265	0	0	0	0	0	0	0	0	0
G.O. Bonds	862	79	0	783	118	164	170	140	127	64	0
PAYGO	848	848	0	0	0	0	0	0	0	0	0
Total	1,975	1,192	0	783	118	164	170	140	127	64	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,626
Expenditure / Encumbrances		1,192
Unencumbered Balance		434

Date First Appropriation	FY 99	
First Cost Estimate		
Current Scope	FY 17	1,975
Last FY's Cost Estimate		4,279

Description

This project provides for an urban trail along the selected Purple Line alignment along Wayne Avenue in Silver Spring. A Memorandum of Understanding (MOU) will be established between the County and the Maryland Transit Administration (MTA) to incorporate the design and construction of the trail as a part of the design and construction of the Purple Line. The pedestrian and bicycle use along this trail supplements the County transportation program. The funding provided for the trail includes the design, property acquisition, and construction of the trail through the Silver Spring Central Business District (CBD), along the northern side of Wayne Avenue from Fenton Street to the Sligo Creek Hiker-Biker Trail. This trail is part of a transportation corridor and is not a recreation area of State or local significance. The trail will include an 8 to 10 foot wide bituminous shared use path, lighting, and landscaping. The trail will provide access to the Silver Spring Transit Station via the Metropolitan Branch and the future Capital Crescent Trail.

Justification

This project will create an important link through Silver Spring to the Silver Spring Transit Center and will provide connectivity to other trails and mitigate congestion on area roads.

Fiscal Note

The project schedule and cost estimate were updated in FY17 as a result of the MTA's proposed Public Private Partnership for the Purple Line and reflect the actual bid by the Concessionaire.

Disclosures

A pedestrian impact analysis has been completed for this project.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, Washington Metropolitan Area Transit Authority, Utility Companies, Silver Spring Chamber of Commerce, Silver Spring Transportation Management District, Maryland Transit Administration

Transportation Improvements For Schools (P509036)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Pedestrian Facilities/Bikeways
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	741	10	317	414	69	69	69	69	69	69	0
Land	89	89	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	200	0	50	150	25	25	25	25	25	25	0
Construction	904	1	213	690	115	115	115	115	115	115	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,934	100	580	1,254	209	209	209	209	209	209	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	1,934	100	580	1,254	209	209	209	209	209	209	0
Total	1,934	100	580	1,254	209	209	209	209	209	209	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	209
Appropriation Request Est.	FY 18	209
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		680
Expenditure / Encumbrances		429
Unencumbered Balance		251

Date First Appropriation	FY 89
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	1,582

Description

This project provides for transportation improvements such as intersection modifications, sidewalks, traffic signals, streetlights, etc., necessary for safe pedestrian and vehicular circulation for schools identified in the Montgomery County Public Schools (MCPS) Capital Program. One aspect of this project will focus on improving pedestrian walkability by creating a safer walking environment, utilizing selected engineering technologies, and ensuring ADA compliance.

Cost Change

Cost change due to the addition of FY21 and FY22 to this ongoing project partially offset by capitalization of prior year expenditures.

Justification

This project is the result of a task force which included representatives from the County Executive, County Council, MCPS, Maryland-National Capital Park and Planning Commission (M-NCPPC), and the Maryland State Highway Administration (MSHA). The construction of schools in the County must be supported by off-site transportation improvements to provide safe access. An individual study has been undertaken to identify requirements related to each new school.

Other

Projects included in this program are subject to Council-approved changes in the MCPS program. Safety assessments and studies as part of the Safe Routes to Schools Program are funded in the Department of Transportation's (DOT) operating budget. Recommendations from those studies can result in the need for capital improvements that are beyond the scope of the operating budget. Current/Planned Projects: Flora Singer Elementary School, St. John's Evangelical School, North Bethesda Middle School, Waters Landing Elementary School.

Disclosures

A pedestrian impact analysis has been completed for this project.

Expenditures will continue indefinitely.

Coordination

Montgomery County Public Schools, Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Maryland State Highway Administration, Montgomery County Pedestrian Safety Advisory Committee

Bethesda CBD Streetscape (P500102)

Category	Transportation	Date Last Modified	5/9/16
Sub Category	Roads	Required Adequate Public Facility	Yes
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Bethesda-Chevy Chase	Status	Preliminary Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,997	413	500	410	0	0	0	0	0	410	674
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	910	0	0	0	0	0	0	0	0	0	910
Construction	2,814	0	0	0	0	0	0	0	0	0	2,814
Other	0	0	0	0	0	0	0	0	0	0	0
Total	5,721	413	500	410	0	0	0	0	0	410	4,398

FUNDING SCHEDULE (\$000s)

G.O. Bonds	5,721	413	500	410	0	0	0	0	0	410	4,398
Total	5,721	413	500	410	0	0	0	0	0	410	4,398

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,502
Expenditure / Encumbrances		431
Unencumbered Balance		1,071

Date First Appropriation FY 01		
First Cost Estimate		
Current Scope	FY 17	5,721
Last FY's Cost Estimate		8,214

Description

This project provides for the design and construction of pedestrian improvements to complete unfinished streetscapes along approximately 2,670 feet of Central Business District (CBD) streets in Bethesda as identified in the Bethesda CBD Sector Plan. This includes 475 feet along Woodmont Avenue between Old Georgetown Road and Cheltenham Drive; 1,825 feet along Wisconsin Avenue between Cheltenham Drive and the northern end of the CBD; and 370 feet along East-West Highway between Waverly Street and Pearl Street. It is intended to fill the gaps between private development projects which have been constructed or are approved in the CBD. The design elements include the replacement and widening (where possible) of sidewalks, new vehicular and pedestrian lighting, street trees, street furniture, and roadway signs. This project addresses streetscape improvements only and does not assume the undergrounding of utilities.

Location

Bethesda CBD

Estimated Schedule

Project deferred until FY22 due to current pace of development activity within the CBD.

Cost Change

Cost decrease due to reduced scope of work as a result of developer activities in the CBD.

Justification

Staging in the Bethesda CBD Sector Plan recommends implementation of transportation improvements and facilities identified in Stage I prior to moving to Stage II. Bethesda CBD Sector Plan, approved and adopted July 1994; and Bethesda Streetscape Plan Standards, updated April 1992.

Other

Since the current scope was approved in FY13, developers have been required to construct portions of the work along East-West Highway, Woodmont Avenue and Wisconsin Avenue. This project will study potential replacement segments that can be completed with the savings derived from the developer-built segments. Potential candidate segments on Norfolk Avenue, Woodmont Avenue, and Cordell Avenue will be considered. Coordination with Pepco revealed that the installation of aesthetic coverings on existing utility poles is not technically feasible.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland-National Capital Park and Planning Commission, Montgomery County Public Schools, Department of Permitting Services, Maryland State Highway Administration, Utility Companies, Bethesda-Chevy Chase Regional Services Center

Burtonsville Access Road (P500500)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Roads
Transportation (AAGE30)
Fairland-Beltsville

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Final Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,609	418	0	335	0	0	0	0	0	335	856
Land	1,954	92	0	0	0	0	0	0	0	0	1,862
Site Improvements and Utilities	12	12	0	0	0	0	0	0	0	0	0
Construction	3,315	0	0	0	0	0	0	0	0	0	3,315
Other	0	0	0	0	0	0	0	0	0	0	0
Total	6,890	522	0	335	0	0	0	0	0	335	6,033

FUNDING SCHEDULE (\$000s)

G.O. Bonds	6,802	474	0	335	0	0	0	0	0	335	5,993
Intergovernmental	88	48	0	0	0	0	0	0	0	0	40
Total	6,890	522	0	335	0	0	0	0	0	335	6,033

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		522
Expenditure / Encumbrances		522
Unencumbered Balance		0

Date First Appropriation	FY 05
First Cost Estimate	
Current Scope	FY 15 6,890
Last FY's Cost Estimate	6,890

Description

This project provides a new roadway between Spencerville Road (MD 198) and the School Access Road in Burtonsville. This roadway will consist of two 12-foot lanes, closed section, for a length of approximately 1,000 linear feet. The project also includes an eight-foot parking lane, curb and gutter, five-foot sidewalks, landscaping, and street lighting. Approximately 400 linear feet of the road has been built by a developer as access to the Burtonsville Town Square Shopping Center.

Capacity

The roadway and intersection capacities for year 2025 Average Daily Traffic (ADT) for MD 198 is projected to be 40,700 vehicles per day.

Estimated Schedule

Project deferred due to changes in stormwater management requiring full redesign. Final design to start in FY22. Property acquisition and construction to start after FY22.

Justification

This project implements the recommendations of the Fairland Master Plan. The proposed modifications to MD 198 (US 29 to Old Columbia Pike), which the Maryland State Highway Administration (SHA) will undertake to correct the high incidence of accidents and improve capacity of the road, will eliminate access off MD 198 to the businesses along the north side of MD 198. The proposed roadway will provide rear access to businesses and will create a more unified and pedestrian-friendly downtown Burtonsville. The project has been developed based on a planning study for Burtonsville Access Road and as called for by the Fairland Master Plan.

Fiscal Note

Intergovernmental revenue represents the Washington Suburban Sanitary Commission's (WSSC) share of water and sewer relocation costs.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, Montgomery County Public Schools, Facility Planning: Transportation, Department of Public Libraries, Department of Transportation, Department Technology Services, Department of Permitting Services, Department of Housing and Community Affairs, Washington Suburban Sanitary Commission, Washington Gas, Pepco, Verizon, Developer

Clarksburg Transportation Connections (P501315)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Roads
Transportation (AAGE30)
Clarksburg

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	10,600	0	2,600	8,000	2,000	2,000	2,000	2,000	0	0
Total	10,600	0	2,600	8,000	2,000	2,000	2,000	2,000	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	7,753	0	20	7,733	1,733	2,000	2,000	2,000	0	0
Impact Tax	2,247	0	1,980	267	267	0	0	0	0	0
Intergovernmental	600	0	600	0	0	0	0	0	0	0
Total	10,600	0	2,600	8,000	2,000	2,000	2,000	2,000	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,000
Appropriation Request Est.	FY 18	2,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,600
Expenditure / Encumbrances		0
Unencumbered Balance		2,600

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	10,000

Description

This project provides for the County contribution to the design, partial land acquisition, and construction of the 2,400-foot long section of Snowden Farm Parkway from 300 feet north of Morning Star Drive to Ridge Road (MD 27); the 3,400-foot section of Little Seneca Parkway from Snowden Farm Parkway to Frederick Road (MD 355); and the intersection of Brink Road at MD 355. Both Parkways will include: four-lane divided roadways, an eight-foot bikeway along the north/west sides, and a five-foot sidewalk along the south/east sides within 120 foot right-of-ways. The Brink Road intersection will include improvements to the intersection as required by the Montgomery County Planning Board's opinion in the approval of the Clarksburg Village and Greenway Village Subdivisions. The project will also include water main work, street lighting, stormwater management, landscaping and reforestation. Appropriate auxiliary lanes and traffic signals will also be provided.

Location

Clarksburg

Justification

These roads will provide congestion relief to the Clarksburg area by providing direct tie-ins to MD 355 and MD 27 and improved access to I-270.

Other

This project will be constructed by the developers. The County's contribution will allow these roadways to be built along with the other portions of the roadways to provide completed connections to State roadways.

Fiscal Note

A Memorandum of Agreement among the County and Developer(s) outlines the shared fiscal responsibility for the design, right-of-way acquisition, construction and maintenance of this project. The County will assume ownership and maintenance of the roadways. The adjacent developers will dedicate their properties to the County for the roadways and other private properties will be acquired through the County's land acquisition process. Water main work will be 100% funded by WSSC Intergovernmental contributions under a separate Memorandum of Understanding.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Department of Transportation, Department of Finance, Upcounty Regional Services Center, Offices of the County Executive, Developers, Clarksburg Historic District, Department of Permitting Services, Maryland State Highway Administration, WSSC.

Dedicated but Unmaintained County Roads (P501117)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Roads
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	344	290	10	44	22	22	0	0	0	0
Land	14	14	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	337	337	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	695	641	10	44	22	22	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	695	641	10	44	22	22	0	0	0	0
Total	695	641	10	44	22	22	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				6	1	1	1	1	1	1
Net Impact				6	1	1	1	1	1	1

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		695
Expenditure / Encumbrances		675
Unencumbered Balance		20

Date First Appropriation	FY 11	
First Cost Estimate		
Current Scope	FY 13	695
Last FY's Cost Estimate		695

Description

This project provides funds for the study and prioritization of improvements to Dedicated but Unmaintained (DBU) County Roads in order to accept them into the County's road maintenance system. Once the need and priority of the roadway improvements are established, funding will be provided for their design and construction. As stipulated in the DBU County Roads Policy, the County will fund planning, design and supervision costs up to 10 percent of the total cost of each project. The remaining costs for these projects will be recovered from the communities through a special tax assessment. The DBU County Roads Policy was developed by the DBU County Roads Working Group. The policy provides guidance for County officials in responding to requests from residents for improvements to, or maintenance of, DBU County Roads in a consistent manner and establishes criteria for evaluating the need for improvements to the DBU County Roads.

Justification

A total of 59 roads have currently been identified and inventoried as DBU County Roads. In the past, residents have requested that the County assume maintenance of various non-standard roads even though County policy prohibits acceptance of maintenance responsibilities for roadways that do not meet appropriate County standards. The purpose of this project is to respond to these requests in accordance with the recently adopted DBU County Roads Policy. Under the terms of the policy, citizen requests will result in comparative studies of the DBU County Roads being performed to determine the priority and ranking of the requested projects.

Coordination

Montgomery County Department of Permitting Services, Montgomery County Department of Finance, Montgomery County Civic Federation

East Gude Drive Roadway Improvements (P501309)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Roads
Transportation (AAGE30)
Shady Grove Vicinity

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Preliminary Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,396	0	0	1,396	751	368	24	114	139	0	0
Land	229	0	0	229	0	50	179	0	0	0	0
Site Improvements and Utilities	415	0	0	415	0	0	0	0	415	0	0
Construction	3,987	0	0	3,987	0	0	0	1,115	2,872	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	6,027	0	0	6,027	751	418	203	1,229	3,426	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	6,027	0	0	6,027	751	418	203	1,229	3,426	0	0
Total	6,027	0	0	6,027	751	418	203	1,229	3,426	0	0

OPERATING BUDGET IMPACT (\$000s)

Energy				1	0	0	0	0	0	1
Net Impact				1	0	0	0	0	0	1

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,031
Appropriation Request Est.	FY 18	138
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 13
Last FY's Cost Estimate	6,027

Description

This project provides for the design, land acquisition, and construction of roadway improvements along East Gude Drive from Crabbs Branch Way to Southlawn Lane to increase roadway capacity and to improve vehicular and pedestrian safety. The improvements will: (1) add a westbound lane (800 linear feet) from Calhoun Drive to Crabbs Branch Way; (2) extend the length of the eastbound taper east of Calhoun Drive (500 linear feet) to west of Incinerator Lane; (3) provide an east-to-northbound left turn lane (300 linear feet) at Dover Road; (4) construct the missing section of sidewalk on the north side of East Gude Drive from west of Incinerator Lane to east of Calhoun Drive (550 linear feet) and (5) install six-foot wide sidewalk connectors from each bus stop on the north side of East Gude Drive to the nearest intersection.

Capacity

The Average Daily Traffic (ADT) on East Gude Drive for the year 2025 is forecasted to be about 60,000.

Estimated Schedule

Final design and land acquisition will be completed in FY19. Construction will start in FY20 and will be completed in FY21.

Justification

The project is needed to reduce existing and future congestion and improve pedestrian and vehicular safety. Three intersections within the project scope will reach failing conditions by 2015. By 2025, the ADT on East Gude Drive is projected to increase from 45,000 to 60,000. The proposed project will improve roadway network efficiency, provide for alternate modes of transportation and will improve pedestrian connectivity and safety by constructing missing sidewalk sections on the north side.

Other

The estimated cost of the project, including design, land acquisition, site improvements, utility relocations, and construction, is currently estimated to be \$6.0 million. A more accurate cost estimate will be prepared upon completion of final design.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland-National Capital Park and Planning Commission, Utility Companies, Department of Permitting Services, City of Rockville

Facility Planning-Transportation (P509337)

Category Transportation
 Sub Category Roads
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 5/19/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	58,793	42,346	2,927	13,520	2,950	1,470	2,125	2,235	2,435	2,305	0
Land	622	622	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	128	128	0	0	0	0	0	0	0	0	0
Construction	54	54	0	0	0	0	0	0	0	0	0
Other	52	52	0	0	0	0	0	0	0	0	0
Total	59,649	43,202	2,927	13,520	2,950	1,470	2,125	2,235	2,435	2,305	0

FUNDING SCHEDULE (\$000s)

Contributions	4	4	0	0	0	0	0	0	0	0	0
Current Revenue: General	43,504	33,129	0	10,375	1,235	300	2,060	2,170	2,370	2,240	0
Impact Tax	6,070	3,050	1,500	1,520	610	910	0	0	0	0	0
Intergovernmental	785	764	21	0	0	0	0	0	0	0	0
Land Sale	2,099	2,099	0	0	0	0	0	0	0	0	0
Mass Transit Fund	5,453	2,422	1,406	1,625	1,105	260	65	65	65	65	0
Recordation Tax Premium	1,659	1,659	0	0	0	0	0	0	0	0	0
State Aid	75	75	0	0	0	0	0	0	0	0	0
Total	59,649	43,202	2,927	13,520	2,950	1,470	2,125	2,235	2,435	2,305	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,720
Appropriation Request Est.	FY 18	1,470
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		47,359
Expenditure / Encumbrances		45,087
Unencumbered Balance		2,272

Date First Appropriation	FY 93
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	56,799

Description

This project provides for planning and preliminary engineering design for new and reconstructed highway projects, pedestrian facilities, bike facilities, and mass transit projects under consideration for inclusion in the Capital Improvements Program (CIP). Prior to the establishment of a stand-alone project in the CIP, the Department of Transportation will perform Phase I of facility planning, a rigorous planning-level investigation of the following critical project elements: purpose and need; usage forecasts; traffic operational analysis; community, economic, social, environmental, and historic impact analyses; recommended concept design and public participation are considered. At the end of Phase I, the Transportation, Infrastructure, Energy and Environment (T&E) Committee of the County Council reviews the work and determines if the project has the merits to advance to Phase II of facility planning: preliminary (35 percent level of completion) engineering design. In preliminary engineering design, construction plans are developed showing specific and detailed features of the project, from which its impacts and costs can be more accurately assessed. At the completion of Phase II, the County Executive and County Council hold project-specific public hearings to determine if the candidate project merits consideration in the CIP as a funded stand-alone project.

Cost Change

Cost changes due to the addition of several new studies and the addition of FY21-22 to this ongoing level-of-effort project.

Justification

There is a continuing need to define the scope and determine need, benefits, implementation feasibility, horizontal and vertical alignments, typical sections, impacts, community support/opposition, preliminary costs, and alternatives for master planned transportation recommendations. Facility Planning provides decision makers with reliable information to determine if a master-planned transportation recommendation merits inclusion in the CIP as a stand-alone project. The sidewalk and bikeway projects in Facility Planning specifically address pedestrian needs.

Fiscal Note

Starting in FY01, Mass Transit Funds provide for mass transit related candidate projects. Impact taxes will continue to be applied to qualifying projects

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.
 Expenditures will continue indefinitely.

Facility Planning-Transportation (P509337)

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, Maryland Department of the Environment, Maryland Department of Natural Resources, U.S. Army Corps of Engineers, Department of Permitting Services, Utilities, Municipalities, Affected communities, Commission on Aging, Commission on People with Disabilities, Montgomery County Pedestrian Safety Advisory Committee

**FACILITY PLANNING TRANSPORTATION – No. 509337
FY17-22 PDF Project List**

Studies Underway or to Start in FY17-18:

Road Projects

- Dorsey Mill Road Extended and Bridge (over I-270)
- Midcounty Hwy Extended (Mont. Village Ave – MD27)
- Summit Avenue Extended (Plyers Mill Rd – University Blvd)

Sidewalk/Bikeway Projects

- Goldsboro Road Bikeway (MacArthur Blvd – River Rd)
- MacArthur Blvd Bikeway Improvements Segment 1 (Stable La – I-495)
- Tuckerman Lane Sidewalk (Gainsborough Rd – Old Georgetown Rd)

Mass Transit Projects

- Boyds Transit Improvements
- Germantown Transit Center Expansion
- Lakeforest Transit Center Modernization
- Milestone Transit Center Expansion
- Upcounty Park-and-Ride Expansion

Candidate Studies to Start in FY19-22:

Road Projects

- Crabbs Branch Way Extended to Amity Drive
- MD 355 (Clarksburg) Bypass
- North High Street Extended to Morningwood Drive
- Old Columbia Pike/Prosperity Drive Widening (Stewart La – Cherry Hill Rd)

Sidewalk/Bikeway Projects

- Bowie Mill Road Bikeway (MD115 – MD108)
- Capitol View Ave/Metropolitan Ave (MD192) Sidewalk/Bikeway (Forest Glen Rd-Ferndale St)
- Sandy Spring Bikeway (MD108 – MD182 – Norwood Rd)

Mass Transit Projects

- Clarksburg Transit Center
- Olney Longwood Park-and-Ride

Other Candidate Studies Proposed after FY22:

Road Projects

TBD

Sidewalk/Bikeway Projects

TBD

Mass Transit Projects

TBD

Goshen Road South (P501107)

Category Transportation
 Sub Category Roads
 Administering Agency Transportation (AAGE30)
 Planning Area Gaithersburg Vicinity

Date Last Modified 5/19/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Preliminary Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	12,913	4,207	1,043	2,852	329	25	25	100	330	2,043	4,811
Land	17,010	24	0	16,986	671	904	1,100	9,836	4,475	0	0
Site Improvements and Utilities	14,730	0	0	10,317	0	0	0	0	4,909	5,408	4,413
Construction	87,806	0	0	0	0	0	0	0	0	0	87,806
Other	28	28	0	0	0	0	0	0	0	0	0
Total	132,487	4,259	1,043	30,155	1,000	929	1,125	9,936	9,714	7,451	97,030

FUNDING SCHEDULE (\$000s)

G.O. Bonds	120,725	2,637	1,012	20,046	1,000	929	0	6,674	6,939	4,504	97,030
Impact Tax	4,162	1,622	31	2,509	0	0	1,125	662	275	447	0
Intergovernmental	7,600	0	0	7,600	0	0	0	2,600	2,500	2,500	0
Total	132,487	4,259	1,043	30,155	1,000	929	1,125	9,936	9,714	7,451	97,030

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		15,755
Expenditure / Encumbrances		5,053
Unencumbered Balance		10,702

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	128,630

Description

This project provides for the design, land acquisition, utility relocations, and construction of roadway improvements along Goshen Road from south of Girard Street to 1,000 feet North of Warfield Road, a distance of approximately 3.5 miles. The improvements will widen Goshen Road from the existing two-lane open section to a four-lane divided, closed section roadway using 12-foot inside lanes, 11-foot outside lanes, 18-foot median, and five-foot on-road bike lanes. A five-foot concrete sidewalk and an eight-foot bituminous hiker/biker path along the east and west side of the road, respectively, are also proposed along with storm drain improvements, street lighting and landscaping. The project also entails construction of approximately 6,000 linear feet of retaining wall.

Capacity

The Average Daily Traffic (ADT) on Goshen Road for the year 2025 is forecasted to be about 26,000.

Estimated Schedule

Final design is underway and will conclude in FY16. Property acquisition will start in FY17 and will be completed by FY21. Utility relocations will begin in FY21 and construction will begin in FY23.

Cost Change

Cost increase due to the addition of noise barriers and more accurate estimates for utility relocations and construction.

Justification

This project is needed to reduce existing and future congestion and improve pedestrian and vehicular safety. Based on projected traffic volumes (year 2025), all intersections along Goshen Road will operate at an unacceptable level-of-service if the road remains in its current condition. The proposed project will provide congestion relief and create improved roadway network efficiency, provide for alternate modes of transportation, and will significantly improve pedestrian safety by constructing a sidewalk and a hiker/biker path. The Gaithersburg Vicinity Master Plan (January 1985; Amended May 1988; Amended July 1990) identifies Goshen Road as a major highway slated for improvement to 4-6 lanes.

Fiscal Note

Intergovernmental revenue is from the Washington Suburban Sanitary Commission (WSSC) for its agreed share of water and sewer relocation costs.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, Utility Companies, Department of Permitting Services, City of Gaithersburg, Facility Planning: Transportation (CIP #509337)

Highway Noise Abatement (P500338)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Roads
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/23/16
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,163	1,042	71	50	25	25	0	0	0	0
Land	28	28	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	1,736	1,736	0	0	0	0	0	0	0	0
Other	9	9	0	0	0	0	0	0	0	0
Total	2,936	2,815	71	50	25	25	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	2,936	2,815	71	50	25	25	0	0	0	0
Total	2,936	2,815	71	50	25	25	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	25
Appropriation Request Est.	FY 18	25
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,886
Expenditure / Encumbrances		2,840
Unencumbered Balance		46

Date First Appropriation	FY 03
First Cost Estimate	
Current Scope	FY 17 2,936
Last FY's Cost Estimate	3,286

Description

This project provides funds for the study and prioritization of noise abatement measures along publicly owned and maintained roads in Montgomery County, except freeways. Once the need and priority of the abatement measures are established, funding is provided for their design and construction.

Location

Countywide

Cost Change

Cost reduction due to lower demand for noise walls expected in the 6-year period.

Justification

Residents regularly request noise abatement measures along County and State roads. The purpose of this project is to respond to these requests in accordance with the Transportation Noise Abatement Policy. Requests would result in noise studies that would determine the need, whether the requested location meets the noise criteria for abatement measures, determination of its priority, and future design and construction. The Highway Noise Abatement Policy was developed by the Noise Abatement Task Force in 2001. The Policy establishes criteria for evaluating the need for noise abatement along publicly maintained roads.

Other

This project was conceived through participation on the Noise Abatement Task Force that developed a policy and criteria for evaluating the need and appropriateness of requests for noise abatement along publicly maintained roads in Montgomery County. The project allows for the implementation of the policy established through this Task Force by providing funds for the study and prioritization of requests and the implementation of noise abatement measures.

Fiscal Note

There may be contributions from impacted and benefited property owners in the future as specified in the Policy. In FY12, \$21,000 was transferred to Advance Reforestation (CIP #500112). Expenditures will continue indefinitely.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Maryland-National Capital Park and Planning Commission, Department of Environmental Protection, Department of Permitting Services, Maryland State Highway Administration.

Montrose Parkway East (P500717)

Category Transportation
Sub Category Roads
Administering Agency Transportation (AAGE30)
Planning Area North Bethesda-Garrett Park

Date Last Modified 5/19/16
Required Adequate Public Facility No
Relocation Impact None
Status Final Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	18,512	3,282	170	7,566	190	319	340	615	2,696	3,406	7,494
Land	18,056	3,916	7,350	6,790	1,258	1,039	1,068	1,970	1,455	0	0
Site Improvements and Utilities	6,490	0	0	3,300	0	0	0	0	3,100	200	3,190
Construction	96,830	0	0	45,143	0	0	0	0	20,749	24,394	51,687
Other	0	0	0	0	0	0	0	0	0	0	0
Total	139,888	7,198	7,520	62,799	1,448	1,358	1,408	2,585	28,000	28,000	62,371

FUNDING SCHEDULE (\$000s)

EDAET	504	504	0	0	0	0	0	0	0	0	0
G.O. Bonds	88,349	4,163	1,308	45,507	649	1,358	0	223	22,003	21,274	37,371
Impact Tax	18,743	1,617	6,212	10,914	799	0	1,408	2,362	3,172	3,173	0
Intergovernmental	728	0	0	728	0	0	0	0	0	728	0
Recordation Tax Premium	6,564	914	0	5,650	0	0	0	0	2,825	2,825	0
State Aid	25,000	0	0	0	0	0	0	0	0	0	25,000
Total	139,888	7,198	7,520	62,799	1,448	1,358	1,408	2,585	28,000	28,000	62,371

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	799
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		20,819
Expenditure / Encumbrances		7,474
Unencumbered Balance		13,345

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 17 139,888
Last FY's Cost Estimate	119,890

Description

This project provides for a new four-lane divided arterial road as recommended in the North Bethesda/Garrett Park and Aspen Hill Master Plans. The roadway will have a curb and gutter section with 11-foot wide lanes, a ten-foot wide bikepath on the north side, and a five-foot wide sidewalk on the south side. The limits of the 1.6 mile project are between the recently constructed MD 355/Montrose interchange on the west and the existing Veirs Mill Road/Parkland Drive/Gaynor Road intersection on the east. The Maryland State Highway Administration (SHA) is preparing the construction plans for the western portion of the project (the "SHA-designed portion"), which meet the County-prepared plans at a point 800 feet east of Parklawn Drive. The project includes a 230-foot bridge spanning the CSX railroad tracks and Nebel Street, a single-point urban interchange (SPUI) with a 198-foot bridge over Parklawn Drive, a 107-foot pedestrian bridge carrying Rock Creek Trail over Montrose Parkway, a 350-foot roadway bridge over Rock Creek, and an at-grade tie-in to Veirs Mill Road. State-of-the-art stormwater management, landscaping, and reforestation practices are included within the scope of the project.

Capacity

Average daily traffic is projected to be 42,000 vehicles per day by 2020.

Estimated Schedule

Design and land acquisition phase is expected to be complete by FY21. Construction is expected to start in FY21 and be complete in FY24.

Cost Change

Cost increases due to the addition of inflation and updated estimates for construction of the SHA-designed portion between Parklawn Drive and MD355.

Justification

This project will relieve traffic congestion on roadways in the area through increased network capacity. The project also provides improved safety for motorists, pedestrians, and bicyclists, as well as providing a greenway. The North Bethesda/Garrett Park Master Plan classifies this roadway as Arterial A-270. The Phase I Facility Planning process was completed in June 2004 with a final project prospectus recommending implementation.

Other

Design of this project will take into consideration the master planned Veirs Mill Bus Rapid Transit (BRT) service. Consistent with the County's master plan, trucks with more than four wheels will be prohibited from Montrose Parkway East between Parklawn Drive and Veirs Mill Road, except for trucks allowed for the parkway's maintenance and in emergency situations.

Fiscal Note

Montrose Parkway East (P500717)

\$25 million in State Aid is programmed in the Beyond 6-Years; the County will continue to pursue additional state funding for the construction of the portion of the roadway between MD 355 and Parklawn Drive. \$9 million for the design of the SHA segment between the MD 355/Montrose Parkway interchange and Parklawn Drive is funded through State Transportation Participation (CIP #500722). Intergovernmental revenue represents the Washington Suburban Sanitary Commission's (WSSC) share of water and sewer relocation costs.

Disclosures

A pedestrian impact analysis has been completed for this project.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Department of Fire and Rescue Services, Department of Transportation, Department of Permitting Services, Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, Maryland Department of Environment, Washington Suburban Sanitary Commission, Washington Gas, Pepco, Verizon, State Transportation Participation, Special Capital Projects Legislation [Bill No. 16-08] was adopted by Council June 10, 2008.

Observation Drive Extended (P501507)

Category Transportation
 Sub Category Roads
 Administering Agency Transportation (AAGE30)
 Planning Area Clarksburg

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	7,460	0	0	4,920	0	0	0	2,530	2,390	0	2,540
Land	61,668	0	0	4,500	0	0	0	0	0	4,500	57,168
Site Improvements and Utilities	2,000	0	0	0	0	0	0	0	0	0	2,000
Construction	69,960	0	0	0	0	0	0	0	0	0	69,960
Other	0	0	0	0	0	0	0	0	0	0	0
Total	141,088	0	0	9,420	0	0	0	2,530	2,390	4,500	131,668

FUNDING SCHEDULE (\$000s)

G.O. Bonds	141,088	0	0	9,420	0	0	0	2,530	2,390	4,500	131,668
Total	141,088	0	0	9,420	0	0	0	2,530	2,390	4,500	131,668

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0	Date First Appropriation	FY 16	
Appropriation Request Est.	FY 18	0	First Cost Estimate		
Supplemental Appropriation Request		0	Current Scope	FY 15	141,088
Transfer		0	Last FY's Cost Estimate		141,088
Cumulative Appropriation		0			
Expenditure / Encumbrances		0			
Unencumbered Balance		0			

Description

The project provides for the design and construction of a 2.2 mile long roadway within a minimum 150-foot right-of-way. Between Waters Discovery Lane and West Old Baltimore Road: a four-lane divided roadway (two lanes in each direction) will be constructed, along with an eight-foot wide shared-use path on the west side and a five-foot wide sidewalk on the east side, with landscaping panels. Between West Old Baltimore Road and Stringtown Road: a two-lane roadway will be constructed, along with an eight-foot wide shared-use path on the west side, leaving space for the two additional master-planned lanes and a five-foot wide sidewalk on the east side to be built in the future. A bike path will be provided on the east side from existing Observation Drive near Waters Discovery Lane to Little Seneca Parkway to provide greenway connectivity. Traffic signals will be provided at the Shawnee Lane, Little Seneca Parkway, and West Old Baltimore Road intersections. A bridge approximately 550 feet in length will be constructed near Waters Discovery Lane, ending at West Old Baltimore Road near the future MTA Comsat Station.

Location

Clarksburg and Germantown

Estimated Schedule

Project schedule is adjusted due to fiscal capacity. The final design is projected to begin in FY22 and will be completed in FY23. Land acquisitions will start in FY23 and continue through FY24. Construction will begin after FY24.

Justification

This project is needed to provide a north-south corridor that links existing Observation Drive to Stringtown Road, providing multi-modal access to a rapidly developing residential and business area between the I-270 and MD 355 corridors. The project improves mobility and safety for local travel, improves pedestrian, bicycle and vehicular access to residential, employment, commercial and recreational areas. It also provides a facility for implementation by Maryland Transit Administration (MTA) for the Corridor Cities Transitway (CCT) including two stations. The transitway will be Bus Rapid Transit (BRT) and will be located in the median area of Observation Drive.

Other

Land costs are based on preliminary design.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Maryland Transit Administration, Washington Suburban Sanitary Commission, Maryland-National Capital Park and Planning Commission, Verizon, Pepco, Washington Gas, Department of Permitting Services, Department of Environmental Protection

Platt Ridge Drive Extended (P501200)

Category	Transportation	Date Last Modified	5/9/16
Sub Category	Roads	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Bethesda-Chevy Chase	Status	Under Construction

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	-----------	----------	---------------	-------	-------	-------	-------	-------	-------	--------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	891	759	0	132	132	0	0	0	0	0	0
Land	10	5	5	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	2,799	0	0	2,799	2,799	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,700	764	5	2,931	2,931	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	3,639	764	5	2,870	2,870	0	0	0	0	0	0
Intergovernmental	61	0	0	61	61	0	0	0	0	0	0
Total	3,700	764	5	2,931	2,931	0	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				5	0	1	1	1	1	1	1
Net Impact				5	0	1	1	1	1	1	1

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,700
Expenditure / Encumbrances		996
Unencumbered Balance		2,704

Date First Appropriation	FY 12	
First Cost Estimate		
Current Scope	FY 12	3,700
Last FY's Cost Estimate		3,700

Description

This project consists of a northerly extension of existing Platt Ridge Drive from its terminus at Jones Bridge Road, approximately 600 feet through North Chevy Chase Local Park to connect with Montrose Driveway, a street in the Chevy Chase Valley (also known as Spring Valley or Chevy Chase Section 9) subdivision. To minimize impact to the park environment, it is proposed that the road be of minimal complexity and width. The road would be a two-lane rolled curb section of tertiary width (20 feet) with guardrails and a minimum right-of-way width of 30 feet; sidewalks, streetlights, drainage ditches and similar features are not proposed in order to minimize impacts to the park. Pedestrian access will continue to be provided by the existing five-foot sidewalks on both sides of Spring Valley Road.

Capacity

The project will benefit the residents and visitors to the 60 homes in Chevy Chase Valley plus the members and users of the Chevy Chase Recreation Association swim and tennis club whose only access is through the Chevy Chase Valley community, as well as all motorists, pedestrians and bicyclists using Jones Bridge Road from Platt Ridge Drive to Connecticut Avenue.

Estimated Schedule

Detailed planning and design activities began in FY12 and will be completed in FY16. Construction will start and be completed in FY17.

Justification

Vehicular ingress and egress anticipated from the Chevy Chase Valley community is currently difficult and will become even more difficult with the increase in traffic from the Base Realignment and Closure (BRAC) relocation of Walter Reed Army Medical Center to Bethesda, especially with construction of a new southbound lane on Connecticut Avenue between I-495 and Jones Bridge Road now proposed by the Maryland State Highway Administration. As a result, an engineering traffic study seeking solutions to the congestion problem was commissioned by the Department of Transportation. The study entitled "Spring Valley Traffic Study" dated June 2010 was prepared by STV Incorporated and serves as the facility planning document for this project. Four alternative solutions to the traffic problem were studied. It was found that Alternative 2 (a new traffic signal at Jones Bridge Road and Spring Valley Road) would have a positive effect for a limited period of time. As a result, a temporary traffic signal was installed in FY11 with funding from the Traffic Signals project (CIP No. #507154). It was also found that Alternative 3 (the extension of Platt Ridge Drive to Montrose Driveway) would provide the most cost-effective approach to a permanent solution. All planning and design work will be done in close consultation and coordination with the M-NCPPC.

Other

The project is delayed by one year due to delays in resolving park mitigation issues. Right-of-way for this project will be dedicated to the public by the M-NCPPC or purchased through ALARF funding. The project will benefit the residents and visitors of the community of Chevy Chase Valley and the motorists, pedestrians, and bicyclists using Jones Bridge Road from Platt Ridge Drive to Connecticut Avenue who are impacted by the BRAC relocation.

Fiscal Note

Platt Ridge Drive Extended (P501200)

Intergovernmental funding represents the Washington Suburban Sanitary Commission's (WSSC) share of the water and sewer relocation costs.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, Washington Suburban Sanitary Commission, Department of Transportation, Department of Permitting Services, Department of Environmental Protection

Public Facilities Roads (P507310)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Roads
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	748	217	297	234	39	39	39	39	39	39	0
Land	415	0	379	36	6	6	6	6	6	6	0
Site Improvements and Utilities	284	0	158	126	21	21	21	21	21	21	0
Construction	1,689	0	1,485	204	34	34	34	34	34	34	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,136	217	2,319	600	100	100	100	100	100	100	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	3,136	217	2,319	600	100	100	100	100	100	100	0
Total	3,136	217	2,319	600	100	100	100	100	100	100	0

OPERATING BUDGET IMPACT (\$000s)

Energy				30	5	5	5	5	5	5
Maintenance				6	1	1	1	1	1	1
Net Impact				36	6	6	6	6	6	6

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	100
Appropriation Request Est.	FY 18	100
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,536
Expenditure / Encumbrances		629
Unencumbered Balance		1,907

Date First Appropriation	FY 73
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	2,982

Description

This project provides funds to reimburse developers for street construction abutting County schools, Maryland-National Capital Park and Planning Commission (M-NCPPC) parks, or other County facilities. The County historically reimburses the developer for one-half of the cost of streets abutting parks, schools, and other County facilities. This project also funds minor roadway improvements.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project partially offset by capitalization of prior year expenditures.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.
Expenditures will continue indefinitely.

Coordination

Developers, Improved (Safe) Access to Schools, Intersection Improvement Projects, Montgomery County Public Schools, Maryland-National Capital Park and Planning Commission, Transportation Improvements for Schools

Seminary Road Intersection Improvement (P501307)

Category Transportation
Sub Category Roads
Administering Agency Transportation (AAGE30)
Planning Area Silver Spring

Date Last Modified 5/19/16
Required Adequate Public Facility No
Relocation Impact None
Status Preliminary Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,533	0	408	1,125	13	31	200	881	0	0	0
Land	605	0	58	547	12	227	200	108	0	0	0
Site Improvements and Utilities	570	0	0	570	0	0	0	570	0	0	0
Construction	4,550	0	0	4,550	0	200	1,179	3,171	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	7,258	0	466	6,792	25	458	1,579	4,730	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	7,233	0	466	6,767	25	458	1,579	4,705	0	0	0
Intergovernmental	25	0	0	25	0	0	0	25	0	0	0
Total	7,258	0	466	6,792	25	458	1,579	4,730	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Energy				2	0	0	0	0	1	1
Net Impact				2	0	0	0	0	1	1

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	961
Appropriation Request Est.	FY 18	5,831
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		466
Expenditure / Encumbrances		0
Unencumbered Balance		466

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 15
Last FY's Cost Estimate	7,258

Description

This project provides for the design, land acquisition, and construction of an approximate 400-foot segment of Seminary Road between the Brookville Road/Seminary Place and Linden Lane/Second Avenue intersections on a new alignment; reconstruction of 650 feet of Seminary Place from Seminary Road to 450 feet east of Riley Place with a vertical alignment revision at Riley Place; increasing the Linden Lane curb lane widths along the 250 foot section between Brookville Road and Second Avenue to provide two 15-foot shared-use lanes to accommodate bicyclists; and reconstruction of the 250 foot segment of Brookville Road between Linden Lane and Seminary Road. Seminary Road will be a closed-section roadway with two 15-foot shared-use lanes, sidewalks, and will have auxiliary turn lanes at the Brookville Road/Seminary Place and Linden Lane/Second Avenue intersections. Seminary Place will be a closed section roadway with two 15-foot shared-use lanes and a sidewalk along the northern side. Brookville Road will be a closed-section roadway with one southbound 16-foot shared-use lane, sidewalks, and a parking lane on the western side. The project amenities include street lights, landscaping, and stormwater management.

Capacity

The Seminary Road Average Daily Traffic (ADT) volume for year 2007 was 11,300.

Estimated Schedule

Final design began in Summer 2015. Construction will start in FY18 and be complete by FY20.

Justification

This project will simplify vehicle movements and improve traffic congestion by eliminating the Seminary Road "sweep" between Brookville Road and Second Avenue. In addition, pedestrian and bicyclist safety will be improved. The proposed Seminary Place vertical alignment revision at Riley Place will increase intersection sight distance. Reconstruction of the segment of Seminary Road intersections between Brookville Road and Second Avenue is recommended in the North and West Silver Spring Master Plan. Facility Planning - Phase I study completed in FY09 and Phase II in FY11.

Fiscal Note

Intergovernmental revenues represent the Washington Suburban Sanitary Commission's (WSSC) share of the water and sewer relocation costs. The project schedule is adjusted for fiscal capacity.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Washington Suburban Sanitary Commission, Department of Permitting Services, Pepco, Verizon, Washington Gas, Maryland-National Capital Park and Planning Commission

Snouffer School Road (P501109)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Roads
Transportation (AAGE30)
Gaithersburg Vicinity

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Final Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	4,092	2,216	496	1,380	781	549	50	0	0	0	0
Land	3,226	1,057	1,661	508	508	0	0	0	0	0	0
Site Improvements and Utilities	1,856	0	0	1,856	0	0	1,856	0	0	0	0
Construction	14,536	3	2,136	12,397	6,092	3,399	2,906	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	23,710	3,276	4,293	16,141	7,381	3,948	4,812	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	18,171	3,111	3,241	11,819	6,131	876	4,812	0	0	0	0
Impact Tax	4,289	165	1,052	3,072	0	3,072	0	0	0	0	0
Intergovernmental	1,250	0	0	1,250	1,250	0	0	0	0	0	0
Total	23,710	3,276	4,293	16,141	7,381	3,948	4,812	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				3	0	0	0	1	1	1
Net Impact				3	0	0	0	1	1	1

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	3,164
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		20,546
Expenditure / Encumbrances		3,356
Unencumbered Balance		17,190

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY 11
Last FY's Cost Estimate	23,710

Description

This project provides for the design, land acquisition, and construction of 5,850 linear feet of roadway widening along Snouffer School Road between Sweet Autumn Drive and Centerway Road. The roadway's typical section consists of two through lanes in each direction, a continuous center turn lane and 5.5-foot bike lanes in each direction with an eight-foot shared use path on the north side and a five-foot sidewalk on the south side within a 90' right-of-way. The typical section was previously approved by the Council's Transportation, Infrastructure, Energy and Environment Committee. The project will require approximately 1.44 acres of land acquisition and will include street lights, storm drainage, stormwater management, and landscaping. Utility relocations include water, sewer, gas, and Pepco utility poles. The Maryland State Highway Administration's (SHA) MD 124 (Woodfield Road) Phase II project will widen the approximately 900 linear-foot segment on Snouffer School Road between Sweet Autumn Drive and Woodfield Road. The County's Smart Growth Initiative site at the Webb Tract includes the Montgomery County Public Schools (MCPS) Food Distribution Facility and the Public Safety Training Academy relocation. The Snouffer School Road North project (CIP #501109) will widen the 3,400 linear foot segment of Snouffer School Road between Centerway Road and Ridge Heights Drive to provide improved access to the planned multi-agency service park at the Webb Tract.

Capacity

The projected Average Daily Traffic (ADT) for 2025 is 30,250.

Estimated Schedule

Final design will be completed in FY16 and land acquisition will be completed in FY17. Construction will begin in FY16 and be completed in FY19.

Justification

The Airpark Project Area of the Gaithersburg Vicinity Planning Area of the County is experiencing rapid growth with plans for new offices, shops, residential communities, and restaurants. The Snouffer School Road improvements project is needed to meet traffic and pedestrian demands of existing and future land uses. This project meets the recommendations of the area Master Plans, enhances regional connectivity, and follows the continuity of adjacent developer improvements. It will improve traffic flow by providing continuous roadway cross section and standard lane widths and encourage alternative means of mobility through proposed bicycle and pedestrian facilities. The Department of Transportation (DOT) completed Facility Planning Phase I study in FY06. Facility Planning Phase II was completed in FY08 in Facility Planning Transportation Project (CIP #509337).

Fiscal Note

Snouffer School Road (P501109)

Intergovernmental revenues represent the Washington Suburban Sanitary Commission's (WSSC) share of water and sewer relocation costs.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Washington Suburban Sanitary Commission, Department of Permitting Services, Pepco, Verizon, Washington Gas, Department of General Services. Special Capital Projects Legislation was enacted on June 23, 2015 and signed into law on July 6, 2015 (Bill No. 28-15).

Snouffer School Road North (Webb Tract) (P501119)

Category Transportation
 Sub Category Roads
 Administering Agency Transportation (AAGE30)
 Planning Area Gaithersburg Vicinity

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,491	1,691	84	716	357	175	184	0	0	0	0
Land	400	0	400	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	10,591	28	0	10,563	1,551	4,077	4,935	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	13,482	1,719	484	11,279	1,908	4,252	5,119	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	7,252	1,238	0	6,014	1,408	1,252	3,354	0	0	0	0
Impact Tax	5,430	481	484	4,465	500	3,000	965	0	0	0	0
Intergovernmental	800	0	0	800	0	0	800	0	0	0	0
Total	13,482	1,719	484	11,279	1,908	4,252	5,119	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				3	0	0	0	1	1	1	
Maintenance				15	0	0	0	5	5	5	
Net Impact				18	0	0	0	6	6	6	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		13,482
Expenditure / Encumbrances		1,934
Unencumbered Balance		11,548

Date First Appropriation	FY 11	
First Cost Estimate		
Current Scope	FY 15	13,482
Last FY's Cost Estimate		13,482

Description

This project provides for the design, land acquisition, and construction of 1,300 linear feet of roadway widening and resurfacing along Snouffer School Road between Centerway Road and Turkey Thicket Drive and a new traffic signal at Alliston Hollow Way and Turkey Thicket Drive, providing left-turn lanes at both signals as well as providing for grading for two northern lanes and resurfacing two southern lanes from Turkey Thicket Drive to Alliston Hollow Way. The closed-section roadway typical section consists of two through lanes southbound and one through lane northbound separated by a raised median, an eight-foot shared use path on the northern side, and a five-foot sidewalk on the southern side within a 100-foot right-of-way. The sidewalk and shared use path will extend for a distance of 2,500 linear feet from Centerway Road to Alliston Hollow Way. The project will include a bridge for the northbound traffic lanes and replacement of the existing bridge for the southbound traffic lane over Cabin Branch, street lights, storm drainage, stormwater management, landscaping, and utility relocations.

Location

Gaithersburg

Capacity

Average Daily Traffic is projected to be 15,000 vehicles per day by 2015.

Estimated Schedule

Final design is anticipated to be completed in the FY16 and construction will begin in FY17.

Justification

This project is part of the County's Smart Growth Initiative for the relocation of the Public Safety Training Academy and the Montgomery County Public School (MCPS) Food Services Facility to the Webb Tract and will provide improved access to the new facilities. This project is also needed to meet the existing and future traffic and pedestrian demands in the area. The Airpark Project Area of the Gaithersburg Vicinity Planning Area is experiencing growth with plans for commercial and residential development. This project meets the recommendations of the area Master Plan and enhances regional connectivity. It will improve traffic flow by providing additional traffic lanes and encourage alternative means of mobility through proposed bicycle and pedestrian facilities.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Snouffer School Road North (Webb Tract) (P501119)

Snouffer School Road (CIP #501109), Public Services Training Academy Relocation, Washington Suburban Sanitary Commission, Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Department of General Services, Maryland Department of the Environment

State Transportation Participation (P500722)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Roads
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
Yes
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	3,532	2,436	1,096	0	0	0	0	0	0	0
Land	1	1	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	11,249	11,248	1	0	0	0	0	0	0	0
Other	69,668	51,460	12,115	6,093	2,700	840	1,553	1,000	0	0
Total	84,450	65,145	13,212	6,093	2,700	840	1,553	1,000	0	0

FUNDING SCHEDULE (\$000s)

Contributions	2,575	0	875	1,700	700	840	160	0	0	0
G.O. Bonds	3,881	1,000	488	2,393	0	0	1,393	1,000	0	0
Impact Tax	610	610	0	0	0	0	0	0	0	0
Revenue Bonds: Liquor Fund	60,921	49,072	11,849	0	0	0	0	0	0	0
State Aid	16,463	14,463	0	2,000	2,000	0	0	0	0	0
Total	84,450	65,145	13,212	6,093	2,700	840	1,553	1,000	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	400
Appropriation Request Est.	FY 18	540
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		80,957
Expenditure / Encumbrances		65,146
Unencumbered Balance		15,811

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	85,875

Description

This project provides for the County's participation for the funding of State and Washington Metropolitan Area Transit Authority (WMATA) transportation projects that will add transportation capacity to the County's network, reduce traffic congestion in different areas of the County, and provide overall benefits to the public at large. Major projects to be funded will be selected from the most recent Joint Priorities letter signed by the County Executive and the President of the County Council and submitted to the state Department of Transportation (MDOT).

Cost Change

Cost increase of \$175K reflects contributions from a developer for the intersection of MD355 and West Old Baltimore Road in Clarksburg. Cost decrease of \$1.6 million reflects reallocation of available liquor bonds in this project to the Rapid Transit System CIP.

Justification

Montgomery County, as part of the Washington Region, has the highest level of traffic congestion in the nation. In order to directly address the congestion problems in Montgomery County, the County will participate in the construction of State projects to improve the quality of life for our residents, eliminate or reduce delays at major bottlenecks in our transportation system, improve safety, and improve air quality in the immediate vicinity of the projects. The SHA has agreed to perform the additional work for the Tapestry subdivision on West Old Baltimore Road as part of its improvements at the intersection of MD355 and West Old Baltimore Road.

Other

Through FY16, the County entered into various Memoranda of Understanding (MOUs) with the State for the following projects: · MD 355/Montrose Parkway interchange (Phase I and II) · I-270/Watkins Mill Road interchange · MD 97 at Randolph Road interchange · Bus Rapid Transit on Viers Mill Road between Wheaton and Rockville · MD 97 from Forest Glen through Montgomery Hills · MD 97/Brookville Bypass · MD 124 between Mid-County Highway and Airpark Road · Intersection Improvements of State-County roads (50%-50% cost share) Also included: Funding for the design and environmental analysis of the MD 355 Crossing (CIP #501209) and engineering design of a pedestrian tunnel beneath Georgia Avenue to access the Forest Glen Metro Rail Station.

Fiscal Note

The funding schedule aligns with current MOU agreements with the State. \$14,463 million was originally advanced by the County to the State for the MD 355/Montrose Parkway interchange. The County received reimbursement from the State in FY10. \$2.0 million of State Aid programmed in FY11 has been moved to the Traffic System Signal Modernization project (CIP #500704) with repayment to this project in FY17. \$1.6 million in available liquor bond appropriation is reallocated to the Rapid Transit System CIP.

State Transportation Participation (P500722)

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Maryland State Highway Administration, Developers, Maryland-National Capital Park and Planning Commission, Montgomery County Fire and Rescue Service, Washington Metropolitan Area Transit Authority

Stringtown Road (P501208)

Category Transportation
Sub Category Roads
Administering Agency Transportation (AAGE30)
Planning Area Clarksburg

Date Last Modified 5/9/16
Required Adequate Public Facility Yes
Relocation Impact None
Status Under Construction

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	999	489	186	324	324	0	0	0	0	0
Land	62	4	58	0	0	0	0	0	0	0
Site Improvements and Utilities	642	0	588	54	54	0	0	0	0	0
Construction	6,297	6	1,691	4,600	2,622	1,978	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	8,000	499	2,523	4,978	3,000	1,978	0	0	0	0

FUNDING SCHEDULE (\$000s)

Contributions	4,000	0	1,000	3,000	3,000	0	0	0	0	0
G.O. Bonds	4,000	499	1,523	1,978	0	1,978	0	0	0	0
Total	8,000	499	2,523	4,978	3,000	1,978	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Energy				5	0	1	1	1	1	1
Maintenance				25	0	5	5	5	5	5
Net Impact				30	0	6	6	6	6	6

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		8,000
Expenditure / Encumbrances		504
Unencumbered Balance		7,496

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY 16 8,000
Last FY's Cost Estimate	8,000

Description

This project provides funding to participate with a developer to design, acquire land, relocate utilities, and construct the 3,200-foot section of Stringtown Road from Overlook Park Drive to Snowden Farm Parkway. This project will construct 1,200 feet of the four lane divided roadway (from Overlook Park Drive to future Gate Rail Road), an 8-foot wide bikeway along the north side and on the south side an 8-foot bikeway transitioning to a 5-foot sidewalk. From future Gate Rail Road to Snowden Farm Parkway construct 2,000 feet of the two westbound lanes an 8-foot wide bikeway along the north side. The project will also include street lighting, stormwater management, landscaping and reforestation.

Estimated Schedule

Construction to begin in FY16 and be completed in FY18.

Justification

This project ultimately will provide sufficient capacity to handle circulation near the Clarksburg Town Center and adjacent residential neighborhoods, and to eliminate substandard segments of Stringtown Road. The addition of a hiker-biker path and sidewalk along the road will improve pedestrian and bike circulation in the vicinity.

Other

The County has entered into a Road Participation Agreement with the new Developer of the Clarksburg Town Center to construct this project.

Fiscal Note

The total cost of this project is \$8.0 million, of which \$4.0 million will be contributed by the developer. The construction cost estimate is based on information provided by the developer during the negotiation of the Road Participation Agreement. The developer will construct this project in accordance with the Road Participation Agreement and will seek impact tax credits in the future. In FY14, \$55,000 was transferred to this project from Father Hurley Blvd. Extended (CIP #500516).

Coordination

Maryland National Capital Park and Planning Commission, Developer

Subdivision Roads Participation (P508000)

Category Transportation
 Sub Category Roads
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility Yes
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	3,022	192	1,088	1,742	846	97	682	39	39	39	0
Land	1,397	156	57	1,184	43	897	61	61	61	61	0
Site Improvements and Utilities	1,120	0	0	1,120	0	0	1,120	0	0	0	0
Construction	5,563	8	708	4,847	704	0	4,143	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	11,102	356	1,853	8,893	1,593	994	6,006	100	100	100	0

FUNDING SCHEDULE (\$000s)

Contributions	3,931	129	602	3,200	0	0	3,200	0	0	0	0
G.O. Bonds	7,136	227	1,216	5,693	1,593	994	2,806	100	100	100	0
Intergovernmental	35	0	35	0	0	0	0	0	0	0	0
Total	11,102	356	1,853	8,893	1,593	994	6,006	100	100	100	0

OPERATING BUDGET IMPACT (\$000s)

Energy				48	12	12	12	12	0	0
Maintenance				48	12	12	12	12	0	0
Net Impact				96	24	24	24	24	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	874
Appropriation Request Est.	FY 18	772
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		8,581
Expenditure / Encumbrances		870
Unencumbered Balance		7,711

Date First Appropriation	FY 80
First Cost Estimate	
Current Scope	FY 17 11,102
Last FY's Cost Estimate	10,737

Description

This project provides for the design, review, and construction of roads or utility work that benefit new subdivisions and the public-at-large. The project may be used for: land acquisition and construction of connections in primary and secondary residential roadways that cannot be made the responsibility of particular developers; County participation with developers in the construction of arterial and major highways by way of agreements; and completion of defaulted permit work to protect improvements that were completed prior to the default. Subsequent reimbursement will be sought for defaulted work.

Cost Change

Cost increase due to the addition of developer contributions and the addition of FY21-22 to this ongoing level-of-effort project partially offset by capitalization of prior year expenditures.

Justification

Several subdivisions have been approved based on this project. After a needs assessment has been made through the master plan process, roadways should be constructed as development occurs to ensure adequate public facilities.

Other

Clarksburg Road/Snowden Farm Parkway and Clarksburg Road/MD 355/MD 121 are in the Preliminary Design Stage. Clarksburg-Town Center Connector Road is in the Final Design Stage.

Fiscal Note

The Town Center developers are contributing \$500,000 to the design of the Clarksburg-Town Center Connector Road; \$3,200,000 for the improvements to the MD355/MD121/Clarksburg Road intersection; and \$231,000 for the Clarksburg Road/Snowden Farm Parkway intersection improvements. Construction expenditures for Clarksburg-Town Center Connector Road are in FY16 and FY17 to reflect the current implementation schedule. Land acquisition will start in FY17 and construction in FY19 for the Clarksburg Road/Snowden Farm Parkway intersection improvements. Land acquisition for the MD 355/MD 121/Clarksburg Road intersection improvements will begin in FY18 with construction to start in FY19.

Disclosures

A pedestrian impact analysis has been completed for this project.
 Expenditures will continue indefinitely.

Coordination

Developers, Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, Required Adequate Public Facilities, Travilah Road (CIP #500101), Stringtown Road (CIP #501208)

Wapakoneta Road Improvements (P501101)

Category Transportation
Sub Category Roads
Administering Agency Transportation (AAGE30)
Planning Area Bethesda-Chevy Chase

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Under Construction

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	536	383	103	50	50	0	0	0	0	0
Land	209	31	178	0	0	0	0	0	0	0
Site Improvements and Utilities	10	0	10	0	0	0	0	0	0	0
Construction	808	0	608	200	200	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	1,563	414	899	250	250	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	1,533	414	869	250	250	0	0	0	0	0
Intergovernmental	30	0	30	0	0	0	0	0	0	0
Total	1,563	414	899	250	250	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				4	1	1	1	1	0	0
Net Impact				4	1	1	1	1	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,563
Expenditure / Encumbrances		427
Unencumbered Balance		1,136

Date First Appropriation	FY 13	
First Cost Estimate		
Current Scope	FY 13	1,563
Last FY's Cost Estimate		1,563

Description

This project provides for reconstruction of full-depth pavement and construction of storm drain improvements along Wapakoneta Road from Namakagan Road to Walhonding Road (approximate length of 900 linear feet). The specific improvements will include reconstruction and resurfacing of the roadway, curb and gutters within a 24-foot roadway section, storm drain system (inlets and drain pipes), and bio-retention facilities. Storm drain improvements will extend beyond properties along Wapakoneta Road. Wapakoneta Road south of Namakagan Road has curb and gutters, a storm drain system, and a reconstructed pavement.

Estimated Schedule

Design completed in Fall 2015. Property acquisition started in Spring 2013 and will conclude by Fall 2015. Construction is expected to start in Fall 2015 and will be completed by Summer 2016.

Justification

A number of the properties experience severe flooding of their dwellings during rain storms and the lack of a drainage system or roadside ditches also causes erosion of shoulders and inundation of the roadway in this older community. The residents of this segment of Wapakoneta Road have submitted a petition requesting installation of curb and gutters, storm drain improvements, and reconstruction of the road. This project is to alleviate erosion of road shoulders and inundation of the roadways and private properties along the west side of the street. The installation of the proposed storm drain improvements will be followed by the reconstruction/resurfacing of the pavement section. The project would benefit all residences in this part of Wapakoneta Road by reducing flooding. A review of impacts of pedestrians, bicycles and ADA (Americans with Disabilities Act of 1991) is being performed and addressed by this project. Traffic signals, streetlights, crosswalks, bus stops, ADA ramps, bikeways, and other pertinent issues are being considered in the design of the project to ensure pedestrian safety.

Other

Intergovernmental represents the Washington Suburban Sanitary Commission's share of utility relocation costs.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland-National Capital Park and Planning Commission, Department of Transportation, Department of Permitting Services, Washington Suburban Sanitary Commission, Washington Gas, Pepco, Verizon

White Flint District East: Transportation (P501204)

Category Transportation
Sub Category Roads
Administering Agency Transportation (AAGE30)
Planning Area North Bethesda-Garrett Park

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Preliminary Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	5,894	713	662	3,304	600	500	377	1,827	0	0	1,215
Land	2	2	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	6,288	0	0	2,986	0	0	266	2,720	0	0	3,302
Construction	17,506	0	0	9,004	0	0	1,169	7,835	0	0	8,502
Other	0	0	0	0	0	0	0	0	0	0	0
Total	29,690	715	662	15,294	600	500	1,812	12,382	0	0	13,019

FUNDING SCHEDULE (\$000s)

White Flint - Special Tax District	29,690	715	662	15,294	600	500	1,812	12,382	0	0	13,019
Total	29,690	715	662	15,294	600	500	1,812	12,382	0	0	13,019

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	489
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,988
Expenditure / Encumbrances		889
Unencumbered Balance		1,099

Date First Appropriation	FY 14
First Cost Estimate	
Current Scope	FY 13
Last FY's Cost Estimate	29,690

Description

This project provides for design, engineering plans, and construction for three new roads and one new bridge in the White Flint District East area as follows: 1. Executive Boulevard Extended East (B-7)-Rockville Pike/MD 355 to a New Private Street - construct 1,100 feet of four-lane roadway. 2. Executive Boulevard Extended East (B-7)-New Private Street to new Nebel Street Extended - construct 600 feet of four-lane roadway. 3. Nebel Street (B-5)-Nicholson Lane South to a Combined Property site - construct 1,200 feet of four-lane roadway. 4. Bridge across Washington Metropolitan Area Transit Authority (WMATA) tracks adjacent to White Flint Metro Station - on future MacGrath Boulevard between MD 355 and future Station Street - construct 80-foot-long three-lane bridge. All the roadway segments will be designed in FY14 - FY18. Various improvements to the roads will include new traffic lanes, shared-use paths, the undergrounding of overhead utility lines where required, other utility relocations, and streetscaping. These projects will become stand-alone projects once engineering is complete and final construction costs can be accurately determined. This project also assumes the developers will dedicate the land needed for these sub-projects in a timely manner.

Location

North Bethesda

Estimated Schedule

Design of all road projects began in FY12 and has been delayed due to coordination with stakeholders. Construction of Executive Boulevard Extended East from Rockville Pike/MD 355 to a New Private Street is scheduled to begin in FY19 and is expected to conclude in FY20, subject to tax district affordability. Design of Executive Boulevard East Extended was delayed due to coordination between the stakeholders over the road alignment. Design for the bridge across the the WMATA tracks adjacent to the White Flint Metro Station has been delayed due to negotiations between WMATA, State Highway Administration (SHA), the County, and the developers; bridge design will begin after a Memorandum of Understanding between the parties has been finalized.

Justification

The vision for the White Flint District is for a more urban core with a walkable street grid, sidewalks, bikeways, trails, paths, public use space, parks and recreational facilities, mixed-use development, and enhanced streetscape to improve the areas for pedestrian circulation and transit-oriented development around the Metro station. These road improvements, along with other District roads proposed to be constructed by developers will fulfill the strategic program plan for a more effective and efficient transportation system. The proposed improvements are in conformance with the White Flint Sector Plan Resolution 16-1300 adopted March 23, 2010.

Fiscal Note

Funding Sources: The ultimate funding source for these projects will be White Flint Development District tax revenues and related special obligation bond issues. Debt service on the special obligation bond issues will be paid solely from White Flint Special Taxing District revenues. Cost Estimation: Construction cost estimates are based on concepts, projected from unit length costs of similar prior projects and are not based on quantity estimates or engineering designs. Final construction costs will be determined after the preliminary engineering (35 percent) phase. Final estimates for the construction of the bridge is unknown since a design has not yet been selected. A public-private partnership will be considered to expedite this project.

Disclosures

White Flint District East: Transportation (P501204)

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland-National Capital Park and Planning Commission, White Flint Sector Plan, Washington Metropolitan Area Transit Administration, Maryland State Highway Administration, Federal Agencies including the Nuclear Regulatory Commission, Developers, Department of Environmental Protection, Department of Permitting Services

White Flint District West: Transportation (P501116)

Category Transportation
Sub Category Roads
Administering Agency Transportation (AAGE30)
Planning Area North Bethesda-Garrett Park

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Preliminary Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	13,490	3,228	525	4,975	0	0	0	2,200	2,400	375	4,762
Land	590	382	0	208	0	0	0	0	208	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	57,015	0	0	2,125	0	0	0	0	0	2,125	54,890
Other	0	0	0	0	0	0	0	0	0	0	0
Total	71,095	3,610	525	7,308	0	0	0	2,200	2,608	2,500	59,652

FUNDING SCHEDULE (\$000s)

White Flint - Special Tax District	71,095	3,610	525	7,308	0	0	0	2,200	2,608	2,500	59,652
Total	71,095	3,610	525	7,308	0	0	0	2,200	2,608	2,500	59,652

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,935
Expenditure / Encumbrances		5,119
Unencumbered Balance		816

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY 15 71,095
Last FY's Cost Estimate	71,095

Description

This project provides for engineering, utility design, and land acquisition for one new road, one relocated road, improvements to three existing roads, and one new bikeway in the White Flint District area for Stage 1. The project also includes both design and future construction expenditures for the reconstruction of Rockville Pike. Various improvements to the roads will include new traffic lanes, shared-use paths, the undergrounding of overhead utility lines, other utility relocations and streetscaping. The new White Flint West Workaround project (CIP #501506) continues funding for several western workaround road projects. The following projects are funded through FY16 for final design: 1. Main Street/Market Street (B-10)-Old Georgetown Road (MD 187) to Woodglen Drive-new 2 lane 1,200 foot roadway. 2. Main Street/Market Street (LB-1)-Old Georgetown Rd (MD 187) to Woodglen Drive-new 1,200 foot bikeway. 3. Executive Blvd Extended (B-15)-Marinelli Road to Old Georgetown Road (MD 187)- 900 feet of relocated four-lane roadway 4. Intersection of Hoya Street (formerly 'Old' Old Georgetown Road) (M-4A), Old Georgetown Road, and Executive Boulevard, including the approaches to Old Georgetown Road. The following project is proposed for both design and construction in the FY19-22 and Beyond 6-Years period: 5. Rockville Pike (MD 355) (M-6)-Flanders Avenue to Hubbard Drive - 6,300 feet of reconstructed 6-8 lane roadway. This project also provides for consulting fees for the analysis and studies necessary to implement the district.

Location

North Bethesda

Estimated Schedule

Design is underway on all projects in the western workaround, with the exception of the Rockville Pike segment, and will conclude in FY16 (FY15-FY16 design is funded through White Flint West Workaround). Design of the Rockville Pike section will begin in FY20 and will conclude after FY21 in order to coordinate with the implementation of the Rapid Transit System (RTS) (CIP#501318). The current expenditure/funding schedule assumes that land needed for road construction will be dedicated by the major developers in a timely manner.

Justification

The vision for the White Flint District is for a more urban core with a walkable street grid, sidewalks, bikeways, trails, paths, public use space, parks and recreational facilities, mixed-use development, and enhanced streetscape to improve the areas for pedestrian circulation and transit-oriented development around the Metro Station. These road improvements, along with other District roads proposed to be constructed by developers will fulfill the strategic program plan for a more effective and efficient transportation system. The proposed improvements are in conformance with the White Flint Sector Plan Resolution 16-1300 adopted March 23, 2010.

Fiscal Note

White Flint District West: Transportation (P501116)

Funding Sources: The ultimate funding source for these projects will be White Flint Special Taxing District tax revenues and related special obligation bond issues. Debt service on the special obligation bond issues will be paid solely from White Flint Special Taxing District revenues. Resolution No. 16-1570 states that "The County's goal is that the White Flint Special Taxing District special tax rate must not exceed ten percent of the total tax rate for the District, except that the rate must be sufficient to pay debt service on any bonds that are already outstanding." With an overall goal of providing infrastructure financing to allow implementation in a timely manner, the County will conduct feasibility studies to determine the affordability of special bond obligation issues prior to the funding of the projects 1, 2, 3, and 4 listed in the Description section above. If White Flint Special Tax District revenues are not sufficient to fund these projects, the County will utilize forward funding, advance funding, and management of debt issuance or repayment in a manner to comply with the goal. A public-private partnership will be considered to expedite this project.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Washington Area Metropolitan Transit Authority, City of Rockville, State Highway Administration, Town of Garrett Park, Neighborhood Civic Associations, Developers

White Flint West Workaround (P501506)

Category Transportation
Sub Category Roads
Administering Agency Transportation (AAGE30)
Planning Area North Bethesda-Garrett Park

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	7,438	39	986	6,413	495	2,078	2,078	1,762	0	0	0
Land	602	72	0	530	81	449	0	0	0	0	0
Site Improvements and Utilities	25,436	0	600	24,836	2,361	8,000	8,475	6,000	0	0	0
Construction	29,213	0	1,210	28,003	3,957	6,402	12,858	4,786	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	62,689	111	2,796	59,782	6,894	16,929	23,411	12,548	0	0	0

FUNDING SCHEDULE (\$000s)											
White Flint - Special Tax District	62,689	111	2,796	59,782	6,894	16,929	23,411	12,548	0	0	0
Total	62,689	111	2,796	59,782	6,894	16,929	23,411	12,548	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				2	0	0	0	0	1	1	
Maintenance				14	0	0	0	0	7	7	
Net Impact				16	0	0	0	0	8	8	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	38,173
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		9,805
Expenditure / Encumbrances		111
Unencumbered Balance		9,694

Date First Appropriation	FY 15	
First Cost Estimate		
Current Scope	FY 15	62,689
Last FY's Cost Estimate		62,689

Description

This project provides for land acquisition, site improvements and utility (SI&U) relocations, construction management and construction for one new road, one new bikeway, one relocated road, and an intersection realignment improvement, and the reconstruction of an existing roadway in the White Flint District area for Stage 1. Various improvements to the roads will include new traffic lanes, shared-use paths, undergrounding of overhead utility lines where required, other utility relocations and streetscaping. Preliminary and final engineering were funded through FY14 by White Flint District West: Transportation (CIP #501116). The proposed projects for construction are: 1. Main Street/Market Street (B-10) - Old Georgetown Road (MD187) to Woodglen Drive- new two-lane 1,200-foot roadway. 2. Main Street/Market Street (LB-1) - Old Georgetown Road (MD187) to Woodglen Drive- new 1,200-foot bikeway. 3. Executive Boulevard Extended (B-15) - Marinelli Road to Old Georgetown Road (MD187)- 900 feet of relocated four-lane roadway. 4. Intersection of Hoya Street (formerly 'Old' Old Georgetown Road) (M-4A), Old Georgetown Road, and Executive Boulevard, including the approaches to Old Georgetown Road and the portion of Hoya Street from the intersection realignment of Hoya Street/Old Georgetown Road/Executive Boulevard to a point just north of the intersection to provide access to new development. 5. Hoya Street (M-4A)- Montrose Parkway to the intersection of Old Georgetown Road-1,100 feet of reconstructed 4-lane roadway.

Estimated Schedule

1. Main Street/Market Street (B-10) - Design in FY14 through FY16, SI&U in FY16 through FY17, and construction in FY17 and FY18. 2. Main Street/Market Street (LB-1) - Design in FY14 through FY16, SI&U in FY16 through FY17, and construction in FY16 and FY17. 3. Executive Boulevard Extended (B-15) - Design in FY14 through FY16, SI&U in FY16 and FY17, and construction in FY16 through FY18. 4. Intersection of Hoya Street (formerly 'Old' Old Georgetown Road) (M-4A), Old Georgetown Road, and Executive Boulevard - Design in FY14 through FY16, land acquisition in FY17, SI&U in FY17 through FY18, and construction in FY18 through FY20. 5. Hoya Street (M-4A) - Design in FY14 through FY16, land acquisition in FY17, SI&U in FY17 through FY18, and construction in FY18 through FY19. The schedule and cost estimates assume that all land needed for road construction will be dedicated by the major developers in a timely manner and that the construction of the conference center replacement parking will take place prior to the start of the road construction.

Justification

The vision for the White Flint District is for a more urban core with a walkable street grid, sidewalks, bikeways, trails, paths, public use space, parks and recreational facilities, mixed-use development, and enhanced streetscape to improve the areas for pedestrian and bicycle circulation and transit oriented development around the Metro station. These road improvements, along with other District roads proposed to be constructed by developers will fulfill the strategic program plan for a more effective and efficient transportation system. The proposed improvements are in conformance with the White Flint Sector Plan Resolution 16-1300 adopted March 23, 2010.

Other

White Flint West Workaround (P501506)

The segments of Main Street/Market Street and Executive Boulevard Extended that are adjacent to the Conference Center site will be constructed by the contractor of the Conference Center Parking Garage. Expenditures for these segments are planned for FY16 and FY17 in order to coordinate with the construction of the parking garage and minimize impacts to the surrounding community.

Fiscal Note

The ultimate funding source for these projects will be White Flint Special Taxing District tax revenues and related special obligation bond issues. Debt service on the special obligation bond issues will be paid solely from White Flint Special Taxing District revenues. Resolution No. 16-1570 states that "The County's goal is that the White Flint Special Taxing District special tax rate must not exceed ten percent of the total tax rate for the District, except that the rate must be sufficient to pay debt service on any bonds that are already outstanding." If White Flint Special Tax District revenues are not sufficient to fund these projects then the County will utilize advance funding and management of debt issuance or repayment in a manner to comply with the goal. A public-private partnership will be considered to expedite this project.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland-National Capital Park and Planning Commission, Washington Area Metropolitan Transit Authority, City of Rockville, State Highway Administration, Town of Garrett Park, Neighborhood Civic Associations, Developers, Maryland-National Capital Park and Planning Commission, Washington Area Metropolitan Transit Authority, City of Rockville, State Highway Administration, Town of Garrett Park, Neighborhood Civic Associations, Developers

Advanced Transportation Management System (P509399)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Traffic Improvements
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	12,799	11,560	177	1,062	177	177	177	177	177	177	0
Land	1	1	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	40,111	27,880	4,245	7,986	1,331	1,331	1,331	1,331	1,331	1,331	0
Construction	194	194	0	0	0	0	0	0	0	0	0
Other	10,144	7,049	95	3,000	500	500	500	500	500	500	0
Total	63,249	46,684	4,517	12,048	2,008	2,008	2,008	2,008	2,008	2,008	0

FUNDING SCHEDULE (\$000s)

Cable TV	2,241	2,241	0	0	0	0	0	0	0	0	0
Contributions	95	95	0	0	0	0	0	0	0	0	0
Current Revenue: General	24,350	12,785	2,517	9,048	1,508	1,508	1,508	1,508	1,508	1,508	0
Federal Aid	2,504	2,504	0	0	0	0	0	0	0	0	0
G.O. Bonds	8,396	8,396	0	0	0	0	0	0	0	0	0
Mass Transit Fund	11,064	7,064	1,000	3,000	500	500	500	500	500	500	0
PAYGO	2,226	2,226	0	0	0	0	0	0	0	0	0
Recordation Tax Premium	1,000	0	1,000	0	0	0	0	0	0	0	0
State Aid	10,873	10,873	0	0	0	0	0	0	0	0	0
Transportation Improvement Credit	500	500	0	0	0	0	0	0	0	0	0
Total	63,249	46,684	4,517	12,048	2,008	2,008	2,008	2,008	2,008	2,008	0

OPERATING BUDGET IMPACT (\$000s)

Energy				105	5	10	15	20	25	30
Maintenance				525	25	50	75	100	125	150
Program-Staff				600	50	50	100	100	150	150
Program-Other				36	3	3	6	6	9	9
Net Impact				1,266	83	113	196	226	309	339
Full Time Equivalent (FTE)					1.0	1.0	2.0	2.0	3.0	3.0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,008
Appropriation Request Est.	FY 18	2,008
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		51,201
Expenditure / Encumbrances		47,408
Unencumbered Balance		3,793

Date First Appropriation	FY 93
First Cost Estimate	
Current Scope	FY 17 63,249
Last FY's Cost Estimate	59,233

Description

This project provides for the Advanced Transportation Management System (ATMS) in the County. The ATMS deploys the infrastructure elements to conduct real-time management and operations of the County's transportation system. Twenty-two National Intelligent Transportation Architecture market packages have been identified for deployment of the ATMS. Each of these market packages is considered a subsystem of the ATMS program and may include several elements. These subsystems are identified in the ATMS Strategic Deployment Plan dated February 2001, revised July 2011. One aspect of this project will focus on improving pedestrian walkability by creating a safer walking environment, utilizing selected technologies and ensuring Americans with Disabilities Act (ADA) compliance.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project.

Justification

Advanced Transportation Management System (P509399)

ATMS provides real-time monitoring, control, and traveler information in an effort to reduce traffic congestion and travel time, improve safety, and defer the need to construct new roads. ATMS emphasizes safety and efficiency of mobility to include mode, route, and travel time choices. ATMS supports public safety and directly impacts the movement of people and goods throughout the County's transportation system. This project was initiated in response to a growing demand to enhance options and amenities within the County's transportation network. Real time bus arrival information allows the public to make informed decisions concerning their mode of transportation as well as increased satisfaction in public transit. Real time information is increasingly becoming a common feature of transit systems across the country, especially within the Washington Metropolitan Area. Federal Transit Administration (FTA) studies have shown that the implementation of an effective real-time information system is essential in order to reap the benefits from the capital investment of a Computer Aided Dispatch/Automatic Vehicle Location System (CAD/AVL) system. The highest benefits are achieved from increased transit ridership, more frequent travel by current riders, and the additional travel of new riders. Other benefits include: Improvement of customer service; increase in customer satisfaction and convenience; improvement of transit visibility; and provision of critical information during emergencies.

Other

This project includes the traffic element that focuses on reducing traffic congestion and travel time and improving safety.

Disclosures

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Developers, Department of Technology Services, Department of Police, Federal Transit Administration (FTA), Federal Highway Administration (FHWA), Fibernet, Maryland State Highway Administration, Virginia Department of Transportation, Other Local Governments, Other Private Entities, Traffic Signals project, Traffic Signal System Modernization Project, Montgomery County Pedestrian Safety Advisory Committee, Citizen's Advisory Boards, Montgomery County Planning Board

Guardrail Projects (P508113)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Traffic Improvements
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	632	73	85	474	79	79	79	79	79	79	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,914	281	217	1,416	236	236	236	236	236	236	0
Construction	4	4	0	0	0	0	0	0	0	0	0
Other	3	0	3	0	0	0	0	0	0	0	0
Total	2,553	358	305	1,890	315	315	315	315	315	315	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	2,553	358	305	1,890	315	315	315	315	315	315	0
Total	2,553	358	305	1,890	315	315	315	315	315	315	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	315
Appropriation Request Est.	FY 18	315
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		663
Expenditure / Encumbrances		361
Unencumbered Balance		302

Date First Appropriation	FY 81
First Cost Estimate	
Current Scope	FY 17 2,553
Last FY's Cost Estimate	2,539

Description

This project provides for: 1) installation of guardrail where they are determined to be required; 2) upgrading identified deficient and/or non-compliant end treatments to meet current Maryland State Highway Administration (MSHA) standards; 3) establishment of a 25-year life-cycle replacement program; and 4) replacement of guardrail damaged beyond repair in crashes.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project partially offset by capitalization of prior year expenditures.

Justification

Guardrails reduce the severity of run-off-the-road accidents, prevent collisions with fixed objects and protect embankments. Damaged or missing guardrails and deficient end treatments present a hazard to motorists, cyclists, and pedestrians. Guardrails have a finite service life and must be replaced at the end of this service life or when damaged in order to continue to provide safety benefits for all users. The March 2010, Report of the Infrastructure Maintenance Task Force, confirmed this and identified the need for guardrail life-cycle replacement. The existing tapered and buried guardrail end treatments provide a ramp for errant vehicles and do not meet current MSHA standards. A study was completed to identify these substandard or deficient end treatments and to replace them to meet modern crash attenuation standards.

Disclosures

Expenditures will continue indefinitely.

Coordination

Federal Highway Administration, Maryland State Highway Administration, Montgomery County Public Schools

Intersection and Spot Improvements (P507017)

Category	Transportation	Date Last Modified	11/17/14
Sub Category	Traffic Improvements	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Countywide	Status	Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,927	455	484	1,988	322	322	336	336	336	336	0
Land	429	0	369	60	10	10	10	10	10	10	0
Site Improvements and Utilities	1,894	694	0	1,200	200	200	200	200	200	200	0
Construction	9,335	37	1,634	7,664	1,200	1,272	1,298	1,298	1,298	1,298	0
Other	19	0	19	0	0	0	0	0	0	0	0
Total	14,604	1,186	2,506	10,912	1,732	1,804	1,844	1,844	1,844	1,844	0

FUNDING SCHEDULE (\$000s)											
Contributions	482	0	482	0	0	0	0	0	0	0	0
Current Revenue: General	4,554	986	568	3,000	500	500	500	500	500	500	0
G.O. Bonds	9,545	200	1,433	7,912	1,232	1,304	1,344	1,344	1,344	1,344	0
Intergovernmental	23	0	23	0	0	0	0	0	0	0	0
Total	14,604	1,186	2,506	10,912	1,732	1,804	1,844	1,844	1,844	1,844	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,732
Appropriation Request Est.	FY 18	1,804
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,692
Expenditure / Encumbrances		1,450
Unencumbered Balance		2,242

Date First Appropriation	FY 70
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	9,642

Description

This project provides for planning and reconstructing various existing intersections in Montgomery County and for an annual congestion study to identify locations where there is a need for congestion mitigation. The project also includes the identification and implementation of corridor modifications and traffic calming treatments to enhance pedestrian safety. At these identified locations either construction begins immediately or detailed design plans are prepared and developed into future projects. The projects listed below reflect their current status.

Cost Change

Cost increase due to increased annual funding to address pedestrian safety and capacity issues and the addition of FY21-22 to this ongoing level-of-effort project partially offset by capitalization of prior year expenditures.

Justification

Ongoing studies conducted by the Division of Traffic Engineering and Operations indicate that many corridors and intersections need traffic calming modifications as well as capacity and/or vehicular and pedestrian safety improvements.

Other

Examples of recently completed projects: Sam Eig Highway from Great Seneca Highway to Diamondback Road, Midcounty Highway at Shady Grove Road, MacArthur Blvd at Sangamore, Seminary Road and Sutton Place, Dale Drive at Mansfield, Bauer Drive at Greenspan Lane, Dale Drive between US 29 and Wayne Avenue, Spartan from MD 97 to Appomattox Road, Homecrest Drive from Bel Pre Road to Longmeade Crossing, Cedar/Summit between Saul Road and Knowles Avenue, and Brunett Avenue from Forest Glen Road to Sligo Creek Parkway. Pliers Mill Road from MD 97 to Kensington town limit, Lockwood Drive from MD 650 to US 29, Wickham Road from Blue Bell Lane to Olney Mill Road. Projects scheduled for completion in FY17 and Beyond include: Riffleford Road at Darnestown Road, Cheshire Road at Old Georgetown Road, Montrose Parkway at East Jefferson Road, and several small undesignated subprojects. The scope of the project also includes a number of intersections that will be impacted by the construction of the Purple Line light rail project.

Fiscal Note

Expenditures include \$500,000 per year for corridor and intersection modifications in support of Strategy No. 4 of the County Executive's Pedestrian Safety Initiative.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Expenditures will continue indefinitely.

Coordination

Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, U.S. Army Corps of Engineers, Washington Metropolitan Area Transit Authority, Developers, Montgomery County Pedestrian Safety Advisory Committee, Citizen's Advisory Boards

Neighborhood Traffic Calming (P509523)

Category Transportation
 Sub Category Traffic Improvements
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	595	85	66	444	74	74	74	74	74	74	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,036	115	505	1,416	236	236	236	236	236	236	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	2,631	200	571	1,860	310	310	310	310	310	310	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	2,631	200	571	1,860	310	310	310	310	310	310	0
Total	2,631	200	571	1,860	310	310	310	310	310	310	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	310
Appropriation Request Est.	FY 18	310
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		771
Expenditure / Encumbrances		335
Unencumbered Balance		436

Date First Appropriation	FY 95
First Cost Estimate	
Current Scope	FY 17 2,631
Last FY's Cost Estimate	2,234

Description

This project provides for the planning, design, and construction of physical traffic control features in residential neighborhoods. Traffic calming features such as traffic circles and islands, curb extensions, speed humps, physical and painted lane narrowing devices, etc., are used to maintain and improve the safety and livability of residential neighborhoods by addressing issues of aggressive driving and excessive speeds and volumes.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project partially offset by capitalization of prior year expenditures.

Justification

Montgomery County has developed justification criteria, implementation procedures, and construction standards for administering traffic calming improvements along neighborhood streets that are consistent with those recommended and/or adopted by the Federal Highway Administration, the Institute of Transportation Engineers, and the Maryland Traffic Engineers Council. Neighborhood traffic control has received steadily increasing emphasis, and the speeding and unsafe driving practices by motorists on residential streets in our neighborhoods continue to generate numerous requests for traffic calming measures by residents. The neighborhood traffic calming project enables the Department of Transportation (DOT) to evaluate requests for traffic calming actions, develop and design appropriate traffic calming measures and fund the implementation of a variety of physical as well as control type traffic calming tools to encourage safer driving behavior in neighborhoods. These measures include the installation of speed humps, traffic circles, etc. Engineering investigations and the analysis of community support are conducted on a per-request basis to determine if the installation of traffic calming features on a street is warranted and appropriate.

Other

Projects originate with requests from citizens' associations, other neighborhood organizations, and/or public officials. Projects are constructed primarily by the Traffic Engineering and Operations Division, using contractors and/or in-house crews. Approximately 50 streets or neighborhoods are under study/review for future traffic calming projects each year.

Disclosures

Expenditures will continue indefinitely.

Coordination

Citizens' Associations, Fire and Rescue Service, Intersection and Spot Improvements Project, Montgomery County Pedestrian Safety Advisory Committee, Maryland-National Capital Park and Planning Commission

Pedestrian Safety Program (P500333)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Traffic Improvements
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	5,554	4,716	146	692	146	146	100	100	100	100	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4,441	2,840	101	1,500	250	250	250	250	250	250	0
Construction	11,887	687	3,570	7,630	1,250	1,380	1,250	1,250	1,250	1,250	0
Other	830	830	0	0	0	0	0	0	0	0	0
Total	22,712	9,073	3,817	9,822	1,646	1,776	1,600	1,600	1,600	1,600	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	11,225	2,958	3,167	5,100	850	850	850	850	850	850	0
G.O. Bonds	8,605	3,233	650	4,722	796	926	750	750	750	750	0
PAYGO	2,782	2,782	0	0	0	0	0	0	0	0	0
State Aid	100	100	0	0	0	0	0	0	0	0	0
Total	22,712	9,073	3,817	9,822	1,646	1,776	1,600	1,600	1,600	1,600	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,646
Appropriation Request Est.	FY 18	1,776
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		12,890
Expenditure / Encumbrances		9,763
Unencumbered Balance		3,127

Date First Appropriation	FY 03
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	22,712
	19,512

Description

This project provides for the review and analysis of existing physical structures and traffic controls in order to make modifications aimed at improving safety and infrastructure for pedestrians and bicycles. This project provides for the construction of physical structures and/or installation of traffic control devices which include, but are not limited to: new crosswalks; pedestrian refuge islands; sidewalks; bus pull-off areas; fencing to channel pedestrians to safer crossing locations; bicycle signings and markings; relocating, adding, or eliminating bus stops; accessible pedestrian signals (countdown) or warning beacons; improving signage, etc. The improvements will be made in compliance with the requirements of the Americans with Disabilities Act (ADA). This project is data-driven and supports the construction of improvements at and around schools identified in the Safe Routes to School program. The project also includes performing pedestrian safety audits at High Incidence Areas and implementing identified physical improvements, education and outreach.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project.

Justification

The County Executive's Blue Ribbon Panel on Pedestrian Safety identified the need to improve the walkability along Montgomery County roadways and, in particular, in the Central Business Districts (CBD) where there is a high concentration of pedestrians and mass transit ridership. The improvements proposed under this project will enhance and/or add to the County's existing infrastructure to increase the safety and comfort level for pedestrians, which in turn will encourage increased pedestrian activity and safer access to schools and mass transit. The issue of pedestrian safety has been an elevated concern for pedestrians, cyclists, motorists, and public officials. To address this issue the County Executive's Pedestrian Safety Initiative has developed strategies and goals to make our streets walkable and pedestrian friendly. This project is intended to support the strategies for enhancing pedestrian safety by piloting new and innovative techniques for improving traffic control device compliance by pedestrians, motorists, and cyclists. Various studies for improvements will be done under this project with an emphasis on pedestrian safety and traffic circulation. A study of over 200 Montgomery County schools (Safe Route to Schools program) was completed in FY05. This study identified needs and prioritized schools based on the need for signage, pavement markings, circulation, and pedestrian accessibility.

Other

This project is intended to address the Engineering aspect of the Three E's concept (Engineering, Education, and Enforcement), which is one of the recommendations included in the final Blue Ribbon Panel on Pedestrian and Traffic Safety Report. Additional efforts to improve pedestrian walkability by creating a safer walking environment, utilizing selected technologies, and ensuring ADA compliance will be addressed under the following projects: Annual Sidewalk Program; Bus Stop Improvements; Intersection and Spot Improvements; Neighborhood Traffic Calming; Transportation Improvements for Schools; ADA Compliance; Transportation; Resurfacing; Primary/Arterial; Sidewalk and Infrastructure Revitalization; Streetlighting; Traffic Signals; and Advanced Transportation Management System.

Disclosures

Pedestrian Safety Program (P500333)

A pedestrian impact analysis will be performed during design or is in progress.

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Washington Metropolitan Area Transit Authority, Maryland-National Capital Park and Planning Commission, Mass Transit Administration, Maryland State Highway Administration, Wheaton Central Business District, Wheaton Regional Services Center, Commission on Aging, Commission on People with Disabilities, Montgomery County Pedestrian Safety Advisory Committee, Citizen's Advisory Boards, Various CIP Projects

Streetlight Enhancements-CBD/Town Center (P500512)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Traffic Improvements
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	904	588	16	300	50	50	50	50	50	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,513	1,799	514	1,200	200	200	200	200	200	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	13	13	0	0	0	0	0	0	0	0
Total	4,430	2,400	530	1,500	250	250	250	250	250	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	3,995	2,157	338	1,500	250	250	250	250	250	0
Urban District - Bethesda	435	243	192	0	0	0	0	0	0	0
Total	4,430	2,400	530	1,500	250	250	250	250	250	0

OPERATING BUDGET IMPACT (\$000s)

Energy				63	3	6	9	12	15	18
Maintenance				63	3	6	9	12	15	18
Net Impact				126	6	12	18	24	30	36

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	250
Appropriation Request Est.	FY 18	250
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,930
Expenditure / Encumbrances		2,476
Unencumbered Balance		454

Date First Appropriation	FY 05
First Cost Estimate	
Current Scope	FY 17 4,430
Last FY's Cost Estimate	3,930

Description

This project provides for the evaluation and enhancement of streetlighting within and around Central Business Districts (CBD) and town centers where current lighting does not meet minimum Illuminating Engineering Society of North America (IESNA) standards. This project will fill in streetlighting; standardize streetlighting types; and replace sodium vapor lights with light emitting diode (LED) lights.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project.

Justification

This project is needed to provide visibility and safety improvements in areas where there is a high concentration of pedestrians, bicyclists, and vehicles. Streetlighting to promote pedestrian safety is one of the items requested each year by the Citizens' Advisory Boards (CABs).

Other

Streetlighting in CBD's and town centers will also support the Montgomery County Planning Board (MCPB) priorities for County-wide pedestrian safety improvements and area specific lighting enhancements. Projects include: Bethesda CBD - Phase I Completed Summer 2007; Long Branch (commercial area) - completed in FY10; Wheaton CBD - completed in FY11; Langley Park - completed in FY12; Odenthal Ave.- completed in FY13; Damascus Town Center - completed in FY14; Glenmont Metro Area - completed in FY15; Olney Town Center - FY16-17; Bethesda Phase II - FY18-22 and beyond.

Disclosures

Expenditures will continue indefinitely.

Coordination

Potomac Electric Power Company, Baltimore Gas and Electric Company, Potomac Edison, Montgomery County Police Department, Community Associations, Urban Districts, Citizens' Advisory Boards, Maryland-National Capital Park and Planning Commission

Streetlighting (P507055)

Category Transportation
Sub Category Traffic Improvements
Administering Agency Transportation (AAGE30)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,700	233	487	1,980	265	343	343	343	343	343	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	7,398	736	812	5,850	715	1,027	1,027	1,027	1,027	1,027	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	10,098	969	1,299	7,830	980	1,370	1,370	1,370	1,370	1,370	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	10,098	969	1,299	7,830	980	1,370	1,370	1,370	1,370	1,370	0
Total	10,098	969	1,299	7,830	980	1,370	1,370	1,370	1,370	1,370	0

OPERATING BUDGET IMPACT (\$000s)

Energy				63	3	6	9	12	15	18
Maintenance				84	4	8	12	16	20	24
Net Impact				147	7	14	21	28	35	42

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	955
Appropriation Request Est.	FY 18	1,370
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,293
Expenditure / Encumbrances		998
Unencumbered Balance		1,295

Date First Appropriation	FY 70
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	8,167

Description

This project provides for the installation and upgrading of streetlights countywide with an emphasis on residential fill in areas, high crime areas, pedestrian generator locations, and high accident locations. This project also provides for the replacement of streetlights that are knocked down, damaged, or have reached the end of service life. Streetlights that pose safety concerns and are no longer functioning to the specifications of original installation are also replaced under this project.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project partially offset by capitalization of prior year expenditures.

Justification

County resolution dated June 25, 1968, requires Montgomery County to provide for the installation of streetlights in those subdivisions that were platted prior to February 1, 1969, when the installation of streetlights was not a requirement of subdivision development. This project provides funds for these streetlight installations, as well as for lighting of the public right-of-way when the existing lighting is substandard to the extent that public safety is compromised. New streetlight plans are developed in conformance with established County streetlight standards and are normally implemented under contract with the pertinent local utility company. The March 2010, Report of the Infrastructure Maintenance Task Force, identified streetlighting in need of lifecycle replacement.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.
Expenditures will continue indefinitely.

Coordination

Baltimore Gas and Electric Company, Potomac Edison, Verizon, Cable TV Montgomery, Maryland State Highway Administration, PEPCO, Washington Gas and Light, Washington Suburban Sanitary Commission, Pedestrian Safety Advisory Committee, Citizen's Advisory Boards, Maryland-National Capital Park and Planning Commission

Traffic Signals (P507154)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Traffic Improvements
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	6,796	2,446	0	4,350	725	725	725	725	725	725	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	33,906	2,350	6,896	24,660	4,110	4,110	4,110	4,110	4,110	4,110	0
Construction	33	33	0	0	0	0	0	0	0	0	0
Other	48	48	0	0	0	0	0	0	0	0	0
Total	40,783	4,877	6,896	29,010	4,835	4,835	4,835	4,835	4,835	4,835	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	35,121	2,337	6,896	25,888	3,659	4,765	3,911	3,883	4,835	4,835	0
Recordation Tax Premium	5,662	2,540	0	3,122	1,176	70	924	952	0	0	0
Total	40,783	4,877	6,896	29,010	4,835	4,835	4,835	4,835	4,835	4,835	0

OPERATING BUDGET IMPACT (\$000s)

Energy				504	24	48	72	96	120	144
Maintenance				252	12	24	36	48	60	72
Program-Staff				450	50	50	50	100	100	100
Net Impact				1,206	86	122	158	244	280	316
Full Time Equivalent (FTE)					1.0	1.0	1.0	2.0	2.0	2.0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	4,835
Appropriation Request Est.	FY 18	4,835
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		11,773
Expenditure / Encumbrances		5,591
Unencumbered Balance		6,182

Date First Appropriation	FY 71
First Cost Estimate	
Current Scope	FY 17 40,783
Last FY's Cost Estimate	35,352

Description

This project provides for the design, construction, and maintenance of vehicular and pedestrian traffic signals and signal systems including: new and existing signals; reconstruction/replacement of aged and obsolete signals and components; auxiliary signs; Accessible Pedestrian Signals (APS); upgrades of the County's centrally-controlled computerized traffic signal system; communications and interconnect into the signal system. \$150,000 is included each fiscal year for the installation of accessible pedestrian signals at 5 intersections to improve pedestrian safety for persons with disabilities. This will provide more easily accessible, raised buttons to press when crossing the road. Also, this effort provides audio cues to indicate when it is safe to cross.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project partially offset by capitalization of prior year expenditures.

Justification

The growth in County population and vehicular registrations continues to produce increasing traffic volumes. As a result, congestion levels and the number of accidents increase. This requires a continued investment in the traffic signal system to: increase intersection safety; accommodate changes in traffic patterns and roadway geometry; reduce intersection delays, energy consumption, and air pollution; and provide coordinated movement on arterial routes through effective traffic management and control, utilizing modern traffic signal technologies. Studies include: The December 2007 Pedestrian Safety Initiative and the March 2010 Report of the Infrastructure Maintenance Task Force which identified traffic signals in need of lifecycle replacement.

Other

Approximately 40 projects are completed annually by a combination of contractual and County work crews. One aspect of this project focuses on improving pedestrian walkability by creating a safe walking environment, utilizing selected engineering technologies, and ensuring Americans with Disabilities Act (ADA) compliance. All new and reconstructed traffic signals are designed and constructed to include appropriate pedestrian features - crosswalks, curb ramps, countdown pedestrian signals, APS, and applicable signing. A significant portion of the traffic signal work will continue to be in the central business districts and other commercial areas, where costs are higher due to more underground utilities and congested work areas. Likewise, new signals in outlying, developing areas are more expensive due to longer runs of communication cable. Since FY97, the fiber optic interconnection of traffic signals has been funded through the Fibernet project.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Traffic Signals (P507154)

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Advanced Transportation Management System, Verizon, FiberNet CIP (No. 509651), Maryland State Highway Administration, Potomac Electric Power Company, Washington Gas and Light, Washington Suburban Sanitary Commission, Montgomery County Pedestrian Safety Advisory Committee, Citizens Advisory Boards, Maryland-National Capital Park and Planning Commission

Traffic Signal System Modernization (P500704)

Category
Sub Category
Administering Agency
Planning Area

Transportation
Traffic Improvements
Transportation (AAGE30)
Countywide

Date Last Modified 5/23/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	12,698	12,073	25	600	100	100	100	100	100	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	31,294	17,316	5,550	8,428	2,238	1,638	1,138	1,138	1,138	0
Construction	230	230	0	0	0	0	0	0	0	0
Other	968	93	10	865	0	865	0	0	0	0
Total	45,190	29,712	5,585	9,893	2,338	2,603	1,238	1,238	1,238	0

FUNDING SCHEDULE (\$000s)

Contributions	295	0	295	0	0	0	0	0	0	0
Current Revenue: General	10,623	355	375	9,893	2,338	2,603	1,238	1,238	1,238	0
G.O. Bonds	15,494	14,528	966	0	0	0	0	0	0	0
Recordation Tax Premium	6,778	5,191	1,587	0	0	0	0	0	0	0
State Aid	12,000	9,638	2,362	0	0	0	0	0	0	0
Total	45,190	29,712	5,585	9,893	2,338	2,603	1,238	1,238	1,238	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				54	3	5	8	10	13	15
Program-Staff				600	50	50	100	100	150	150
Program-Other				36	3	3	6	6	9	9
Net Impact				690	56	58	114	116	172	174
Full Time Equivalent (FTE)					1.0	1.0	2.0	2.0	3.0	3.0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,329
Appropriation Request Est.	FY 18	2,603
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		35,306
Expenditure / Encumbrances		30,936
Unencumbered Balance		4,370

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 17 45,190
Last FY's Cost Estimate	40,849

Description

This project provides for the modernization of the County's aged traffic signal system. Phase I consisted of planning, requirements development, systems engineering, and testing. Phase II consists of acquisition of central system hardware and software, acquisition, and implementation of control equipment and communications for intersections, as well as reconfiguration of the communications cable plant. Phase I was completed in FY08. Phase II implementation commenced in FY09. As a result of the November 2009 failure of the existing system, Phase II was refined into two sub-phases, A and B, so that replacement of the existing system could be accelerated. Phase IIA encompassed critical work that was necessary to deactivate the existing system. Phase IIB includes all other work that is not critical to replacement of the existing system.

Estimated Schedule

Phase I - completed, FY07-08 Phase IIA - completed FY12, Phase IIB - FY13-16; ongoing Life Cycle Upgrades - FY17 and beyond.

Cost Change

Cost increase due to the addition of a pilot Adaptive Traffic Control (ATC) system in FY17-18, the addition of Traffic Signal Prioritization in FY18, and the addition of FY21-22 to this ongoing level-of-effort project.

Justification

Traffic Signal System Modernization (P500704)

The existing traffic signal control system, though it has been highly reliable, is an aging system dependent on dated technology. Central and field communications devices are obsolete and problematic to maintain. As the technologies employed in the Advanced Transportation Management System (ATMS) have advanced, it has become increasingly difficult to interface with the existing traffic signal control system (COMTRAC). Because of the limited functionality of COMTRAC, the system is not able to take advantage of the capabilities of the current generation of local intersection controllers. These capabilities provide a greater level of flexibility to manage traffic demands. In November 2009, the existing traffic signal system experienced a failure that caused significant congestion and delays throughout the County for nearly two days. This event led to an acceleration of the schedule to replace the existing system. The following reports were developed as part of the research, planning and system engineering work on this project. These reports documented the existing condition and need to modernize the existing signal control system, as well as the evaluation and engineering of specific components of the replacement system: White paper on the Status and Future of the Traffic Control System in Montgomery County, March 2001; Concept of Operations (rev 1.4), October 2007; TSSM Requirements (rev g), October 2007; TSSM Communications Master Plan (rev c), February 2009; TSSM Risk Assessment and Analysis (rev e), April 2009. Given the effort to modernize the signal system and its infrastructure, it is important and prudent to take steps to prevent the system from becoming outdated. A proactive program to replace equipment by its "life cycle" usefulness is required given the dependency on technology driven devices and software to maintain traffic control capabilities and full redundancy fail-over systems. This assumes a level of effort (LOE) designation and funding be appropriated beginning in FY17.

Fiscal Note

The county's traffic signal system supports approximately 800 traffic signals, about 550 of which are owned by the Maryland State Highway Administration (MSHA) and maintained and operated by the County on a reimbursement basis. MSHA plans to separately fund and implement other complementary work and intersection upgrades amounting to approximately \$12.5 million that are not reflected in the project costs displayed above. Project appropriations were reduced in FY09 (-\$106,000) and FY11 (-\$269,000) to reconcile the recall of a \$375,000 federal earmark that was originally programmed in FY07. MSHA has committed to provide \$12 million in State aid to this project. This aid was originally programmed during FY09-14, but did not materialize due to the State's fiscal situation. In addition \$2 million in State Aid was moved to the TSSM project from the State Transportation Participation (STP) CIP (No. 500722) in FY11 with repayment to STP programmed in FY17. In FY16, \$9,000 in Current Revenue was transferred from the Brookville Service Park CIP (#509928). In FY16, a funding switch of \$295,000 in Contributions added to this project, fully offsetting a similar amount in Current Revenue.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Advanced Transportation Management System, Fibernet, State Transportation Participation, Traffic Signals Project, Department of Technology Services, Maryland State Highway Administration

White Flint Traffic Analysis and Mitigation (P501202)

Category Transportation
Sub Category Traffic Improvements
Administering Agency Transportation (AAGE30)
Planning Area North Bethesda-Garrett Park

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,834	397	851	586	181	81	81	81	81	81	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	115	115	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,949	512	851	586	181	81	81	81	81	81	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	1,264	54	624	586	181	81	81	81	81	81	0
Impact Tax	685	458	227	0	0	0	0	0	0	0	0
Total	1,949	512	851	586	181	81	81	81	81	81	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	181
Appropriation Request Est.	FY 18	81
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,363
Expenditure / Encumbrances		621
Unencumbered Balance		742

Date First Appropriation	FY 12	
First Cost Estimate		
Current Scope	FY 17	1,949
Last FY's Cost Estimate		1,787

Description

This project is in direct response to requirements of the Approved White Flint Sector Plan. It is composed of three components with the overall goal of mitigating the traffic impacts on communities and major intersections outside of and surrounding the White Flint Sector Plan area that will occur as a result of redevelopment densities approved under the new White Flint Sector Plan. These components include: (A) Cut-through traffic monitoring and mitigation; (B) Capacity improvements to address congested intersections; and (C) A study of strategies and implementation techniques to achieve the Sector Plan's modal split goals. The modal split study will identify specific infrastructure projects to create an improved transit, pedestrian, and biking infrastructure, and programs needed to accomplish the mode share goals; determine funding sources for these strategies; and determine the scope and cost of project components.

Estimated Schedule

Component A-access restrictions: bi-annual data collection: site specific studies to commence in FY17. Component B- Intersection Mitigation: site specific preliminary engineering and concept plan development commenced in FY12 based on M-NCPPC Comprehensive Local Area Transportation Review (CLATR) evaluation. Component C- Modal Split Activities: transit, pedestrian, bicycle access, and safety studies in FY 12; data collection and updating Transportation Demand Management (TDM) information in FY12-13.

Cost Change

Cost increase due to the addition of FY21-22 to this ongoing level-of-effort project to monitor traffic associated with the redevelopment of White Flint.

Justification

Component A: The new White Flint Sector Plan area was approved on March 23, 2010. The plan allows for significantly higher density than the existing development. As a result neighborhoods surrounding the Sector Plan area could be potentially impacted by an increase in cut-through traffic. The approved Sector Plan states: Before any additional development can be approved, the following actions must be taken: Initiate development of plans for through-traffic access restrictions for the residential neighborhoods abutting the Sector Plan area, including traffic from future development in White Flint, and implement these plans if sufficient neighborhood consensus is attained.

Component B: The approved plan did not address the possible negative impact on the roads/intersections outside of the Sector Plan boundary but the plan recognized that those impacts could occur. Therefore, major intersections along primary corridors leading into the Sector Plan area need to be evaluated and appropriate safety and capacity improvements identified and implemented to fulfill the vision of the plan. This component is not part of the phasing process but needs to be addressed to mitigate impacts from the Sector Plan.

Component C: The plan also recognized that capacity improvements alone would not be sufficient to manage the increased traffic resulting from the higher densities within the Sector Plan area. The Sector Plan states: The following prerequisites must be met during Phase 1 before moving to Phase 2: Achieve thirty-four percent non-auto mode share for the Sector Plan area. Increasing the modal split within the White Flint Sector Plan boundary is an integral component to the overall success of the Plan's vision. Transit, pedestrian, bicycle access, safety studies, and TDM planning and implementation efforts are required to facilitate White Flint's transition from a highly automobile oriented environment to a more transit, pedestrian, and bicycle friendly environment. A monitoring mechanism for the modal split will also be developed.

Fiscal Note

White Flint Traffic Analysis and Mitigation (P501202)

Programmed impact taxes have already been collected from the White Flint Metro Station Policy Area (MSPA).

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Maryland-National Capital Park and Planning Commission, Maryland State Highway Administration, U.S. Army Corps of Engineers, Montgomery County Department of Permitting Services, Montgomery County Department of Environmental Protection, Montgomery County Pedestrian and Traffic Safety Advisory Committee, Citizen's Advisory Boards, Neighborhood Homeowner's Associations, Utility Companies, Civic Associations, White Flint Transportation Management District (TMD)

COUNTY GOVERNMENT

HEALTH AND HUMAN SERVICES

Avery Road Treatment Center (P601502)

Category
Sub Category
Administering Agency
Planning Area

Health and Human Services
Health and Human Services
General Services (AAGE29)
Rockville

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,186	13	192	981	421	363	197	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,987	0	0	1,987	589	945	453	0	0	0	0
Construction	5,343	0	0	5,343	1,298	3,357	688	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	8,516	13	192	8,311	2,308	4,665	1,338	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	4,889	0	192	4,697	894	3,465	338	0	0	0	0
PAYGO	13	13	0	0	0	0	0	0	0	0	0
State Aid	3,614	0	0	3,614	1,414	1,200	1,000	0	0	0	0
Total	8,516	13	192	8,311	2,308	4,665	1,338	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,592
Appropriation Request Est.	FY 18	500
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		6,424
Expenditure / Encumbrances		13
Unencumbered Balance		6,411

Date First Appropriation	FY 15	
First Cost Estimate		
Current Scope	FY 16	8,516
Last FY's Cost Estimate		4,800

Description

This project provides for the planning, design, and construction of a replacement facility for the existing Avery Road Treatment Center (ARTC). The existing facility provides residential substance abuse treatment for low-income County residents through 20 medical detox and 40 Intermediate Care Facility beds. In conjunction with a public-private partnership and with assistance from the State, a private partner will construct and operate a new ARTC facility over a 30-year term through a long-term land lease and program operation service delivery agreements.

Location

14703 Avery Road, Rockville, Maryland

Capacity

The new ARTC will be a 64 bed 36,500 gross square foot residential treatment facility providing medical detox and Intermediate Care Facility levels of care. The facility will also house an outpatient mental health and substance abuse treatment program supported by Medicaid reimbursement. The site will be master planned for future potential development of a 16 bed step-down program for transitional age youth.

Estimated Schedule

Design will be performed in FY16 and FY17. Construction is scheduled to begin in FY17 with completion in FY19.

Cost Change

Cost change reflects the replacement of the prior estimated funding with actual anticipated County and State expenditures based on a contractual public-private partnership.

Justification

The existing ARTC facility was constructed of pre-fabricated modular units in 1991 and needs to be replaced.

Fiscal Note

This project reflects County and State contributions to the facility. The County received \$310,000 in FY15 and \$104,000 in FY16 from the State to support project design, and anticipates \$1.0 million in FY17 for construction. State aid is expected to total \$3.614 million.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Department of Health and Human Services, Department of General Services, County Attorney, Office of Procurement, Maryland Department of Health and Mental Hygiene, Private and/or non-profit substance abuse treatment providers Private developers

Child Care in Schools (P649187)

Category Health and Human Services
 Sub Category Health and Human Services
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 5/6/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,268	1,143	0	125	70	42	10	3	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	2,935	976	766	1,193	743	0	363	87	0	0	0
Other	22	22	0	0	0	0	0	0	0	0	0
Total	4,225	2,141	766	1,318	813	42	373	90	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	4,207	2,123	766	1,318	813	42	373	90	0	0	0
PAYGO	18	18	0	0	0	0	0	0	0	0	0
Total	4,225	2,141	766	1,318	813	42	373	90	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	318
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,907
Expenditure / Encumbrances		2,141
Unencumbered Balance		1,766

Date First Appropriation	FY 91	
First Cost Estimate		
Current Scope	FY 17	4,226
Last FY's Cost Estimate		3,907

Description

This project provides for the placement of a large designated child care classroom at public schools where Montgomery County Public Schools (MCPS) is undertaking major construction or renovation. MCPS will oversee the construction or renovation of the school, and the County will arrange to lease the child care portion of the building to a private child-care provider. Cost estimates are based on per square foot costs for elementary school construction, and adjusted by the additional State licensing requirements for child care, related to restroom and food preparation facilities. Site specific factors are not included.

Estimated Schedule

Planning and design for Wheaton Woods and Brown Station Child Care Centers is scheduled for FY16. Construction for both projects is expected to begin in FY16 and to be completed in FY17. Design of Burtonsville Child Care Center is scheduled to begin in FY18.

Cost Change

Cost increase due to net effect of the addition of Burtonsville Child Care Center and reduction of estimated cost for the Wheaton Woods and Brown Station Child Care Centers.

Justification

Findings from the Child Care Modular Study (1989) support this project. The Report of the Interagency Committee on Child Care Facilities at Public School Sites (1989) established the policy of locating child day care facilities at school sites, with priority given to programs that met school selection criteria, facility size, capital budgeting and fiscal procedures.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Department of Health and Human Services, Department of General Services, Montgomery County Public Schools

Dennis Avenue Health Center (P641106)

Category
Sub Category
Administering Agency
Planning Area

Health and Human Services
Health and Human Services
General Services (AAGE29)
Kensington-Wheaton

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/13/16
No
None
Under Construction

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	5,601	3,066	2,335	200	200	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4,014	96	2,418	1,500	1,500	0	0	0	0	0
Construction	25,032	16,863	6,169	2,000	2,000	0	0	0	0	0
Other	2,748	124	2,624	0	0	0	0	0	0	0
Total	37,395	20,149	13,546	3,700	3,700	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	37,395	20,149	13,546	3,700	3,700	0	0	0	0	0
Total	37,395	20,149	13,546	3,700	3,700	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Energy				636	106	106	106	106	106	106
Maintenance				588	98	98	98	98	98	98
Net Impact				1,224	204	204	204	204	204	204

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		37,395
Expenditure / Encumbrances		26,530
Unencumbered Balance		10,865

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY 13
Last FY's Cost Estimate	38,383

Description

The project provides for planning and design, and construction of a new building to replace the Dennis Avenue Health Center (DAHC), on the existing site adjoining the existing building. The existing facility which was built in the 1960's as an elementary school is both inadequate (undersized) in capacity and is not configured to serve as a health center. Currently, patients with infectious airborne diseases are using the same entry and air circulation as other patients (including immune compromised patients) and staff. Key building systems such as the structural system, perimeter skin walls, elevator, roof, HVAC and electrical systems have passed their useful service life. Numerous Americans with Disabilities Act related improvements are required and egress stairs are undersized. The new facility will provide approximately 51,000 gross square feet to address the space shortage and building deficiencies identified in the Program of Requirements (POR) without service interruption, reduction, or loss of these vital health services during construction. Programs will be configured to work efficiently and avoid potential cross contamination of users and staff (spread of communicable disease) due to location and proximity of incompatible programs.

Location

2000 Dennis Avenue, Silver Spring, Maryland

Capacity

The center handles 1 out of every 150 cases of tuberculosis in the entire US. Currently, DAHC handles 74,700 patient visits per year with 115 employees. In 1984, the center (the same building size) handled 7,000 patient visits per year with 35 employees.

Estimated Schedule

The design phase for this project began in the summer of 2011 and is estimated to last two years. Construction began in FY14. Construction of the new building (Phase I) was substantially complete in January 2016. Phase II is expected to be completed by winter 2017.

Justification

DAHC provides several highly sensitive programs such as Public Health Emergency Preparedness and Response, Immunization Program, Disease Control, Sexually Transmitted Diseases Services, Communicable Disease and Epidemiology, HIV Services, and Tuberculosis Control Program. DAHC service demand has been growing steadily while the facility space capacity has remained unchanged and the facility has aged. The 2008 Health and Human Services Strategic Facility Plan identified the need for additional space for program growth. The DAHC POR provided preliminary feasibility study and existing building condition assessment. The POR calls for the need to build a new 30,714 programmable area space facility to meet year 2015 space requirement.

Fiscal Note

FY16 adjustment reflects a \$988,000 transfer to support actual expenditures for prior project work in the School Based Health Center and Linkages to Learning project.

Dennis Avenue Health Center (P641106)

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Department of Health and Human Services, Department of General Services Special Capital Projects Legislation was enacted on June 25 2013 and signed into law on July 8, 2013 (Bill No.17-13).

High School Wellness Center (P640902)

Category
Sub Category
Administering Agency
Planning Area

Health and Human Services
Health and Human Services
General Services (AAGE29)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/9/16
No
None
Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	291	55	192	44	0	20	15	9	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	4,919	3,004	875	1,040	0	625	385	30	0	0	0
Other	487	266	86	135	0	0	50	85	0	0	0
Total	5,697	3,325	1,153	1,219	0	645	450	124	0	0	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	59	0	59	0	0	0	0	0	0	0	0
G.O. Bonds	5,638	3,325	1,094	1,219	0	645	450	124	0	0	0
Total	5,697	3,325	1,153	1,219	0	645	450	124	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Program-Staff				1,359	168	186	186	267	276	276	
Program-Other				6,232	451	723	723	1,445	1,445	1,445	
Net Impact				7,591	619	909	909	1,712	1,721	1,721	
Full Time Equivalent (FTE)					1.8	2.0	2.0	2.9	3.0	3.0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	1,219
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,478
Expenditure / Encumbrances		3,325
Unencumbered Balance		1,153

Date First Appropriation	FY 09	
First Cost Estimate		
Current Scope	FY 17	5,697
Last FY's Cost Estimate		5,308

Description

This project provides for the placement of High School Wellness Centers (HSWC) at public schools. HSWCs provide health, mental health, and social services, as well as family support/youth development services which attempt to address the needs of youth and to build their skills and strengths to be more successful in all sectors of their lives. Services are targeted to meet the specific needs of the school. This project is in accordance with the recommendations of the School Based Wellness Center Planning Group (SBWCPG), the Department of Health and Human Services (DHHS) and Montgomery County Public Schools (MCPS). The selection of the host school is based upon criteria recommended by the SBWCPG. MCPS will oversee the construction of the HSWC sites. The County will occupy the space with DHHS personnel and contractors. The HSWC are similar in design to School Based Health Centers with modifications to accommodate the older student population's needs and services.

Estimated Schedule

Wheaton HSWC is under construction. Seneca Valley HSWC design will be completed in FY16. Construction for Seneca Valley HSWC has been delayed one year to align with the revised MCPS construction schedule; construction is scheduled to begin in FY18 with completion in FY20.

Cost Change

Minor cost increase associated with County staff project oversight. Reflects an FY16 supplemental appropriation of \$345,000 to support actual expenditures for prior project work.

Justification

This project is recommended by the SBWCPG, the DHHS, and MCPS. Each HSWC will provide services to address the physical health, mental health, and social service needs, as well as provide youth development opportunities to the students.

Other

Site specific factors are to be determined, and will be provided during construction.

Fiscal Note

Reflect FY16 transfer of \$65,000 in planning funds from Seneca Valley HSWC to support the completion of the South Lake Linkages to Learning site in the School Based Health and Linkages to Learning Center (P640400) project.

Coordination

Department of Health and Human Services , Department of General Services, Montgomery County Public Schools

Progress Place Relocation and Personal Living Quarters (P601401)

Category Health and Human Services
Sub Category Health and Human Services
Administering Agency General Services (AAGE29)
Planning Area Silver Spring

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Bids Let

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	427	165	175	87	87	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	427	165	175	87	87	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	262	0	175	87	87	0	0	0	0	0
PAYGO	165	165	0	0	0	0	0	0	0	0
Total	427	165	175	87	87	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Energy				333	36	41	41	72	72	72
Maintenance				362	39	44	44	78	78	78
Net Impact				695	75	85	85	150	150	150

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		427
Expenditure / Encumbrances		165
Unencumbered Balance		262

Date First Appropriation	FY 14
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	427

Description

Progress Place is an existing building, located in the Ripley District of Silver Spring, MD, which houses services the Department of Health and Human Services provides to low-income, homeless residents of Montgomery County. These services, currently provided in conjunction with Interfaith Works and Shepherd's Table, include medical, vision, and vocational services; case management; winter overflow overnight shelter; and meals. Due to development that is proposed for the Ripley District, these services will need to be relocated within the Central Business District (CBD), which has convenient transportation, available services and resources, and social networking opportunities in downtown Silver Spring for the homeless population. In conjunction with a public-private partnership, a private developer will construct a new building within the downtown Silver Spring CBD, on County owned property located at the Silver Spring Fire Station No. 1 site. This new building will provide space for the Progress Place services in exchange for the Ripley District land where Progress Place is currently located. This will release the existing site for construction of the Dixon Avenue roadway, the Metropolitan Branch Trail, and a private high-rise residential building. In addition, personal living quarter (PLQ) units will be co-located with the Progress Place service center.

Location

Next to the Silver Spring Fire Station No. 1 site, 8131 Georgia Avenue, Silver Spring, Maryland.

Estimated Schedule

Planning and design is complete. Construction commenced in October 2015 and the building will be turned over to the County in December 2016.

Justification

Progress Place is a facility built nearly 20 years ago that is in need of major renovation. In addition, the east end of the building is in the path of Dixon Avenue extended (a Master Planned roadway), and the west end of the building is in the path of the Metropolitan Branch Trail. Based on the 2012 Housing and Urban Development Unmet Need Calculation Methodology, the need for housing for Montgomery County homeless singles was 372 PLQs. This project includes the relocation of the services rendered at Progress Place and provides for placement of PLQs to increase the County's permanent supportive housing stock within the downtown Silver Spring CBD.

Fiscal Note

This is a public-private partnership. The County will exchange land within the Ripley District for a building that will satisfy the Program of Requirements to house Progress Place services. Funding from the Affordable Housing Acquisition and Preservation project (#P760100) will be used to support the creation of the PLQs. Rental assistance from the Montgomery Housing Initiative Fund will be used to support operating costs not funded by outside contributions. Costs reflect only the County's costs to plan and supervise construction of the service center by the private partner.

Progress Place Relocation and Personal Living Quarters (P601401)

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

U.S. Department of Housing and Urban Development Department of Housing and Community Affairs Department of Health and Human Services Department of General Services Department of Transportation Department of Police Department of Fire and Rescue Services Department of Technology Services Utilities Private developers Private homeless service providers

School Based Health & Linkages to Learning Centers (P640400)

Category
Sub Category
Administering Agency
Planning Area

Health and Human Services
Health and Human Services
General Services (AAGE29)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

6/10/16
No
None
Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,557	1,369	88	100	80	10	5	5	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	8,179	6,754	329	1,096	615	61	300	120	0	0	0
Other	1,634	1,448	53	133	120	13	0	0	0	0	0
Total	11,370	9,571	470	1,329	815	84	305	125	0	0	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	260	140	0	120	120	0	0	0	0	0	0
Federal Aid	494	494	0	0	0	0	0	0	0	0	0
G.O. Bonds	10,551	8,937	405	1,209	695	84	305	125	0	0	0
Recordation Tax Premium	65	0	65	0	0	0	0	0	0	0	0
Total	11,370	9,571	470	1,329	815	84	305	125	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Program-Staff				528	69	92	92	92	92	92	92
Program-Other				328	39	39	63	63	63	63	63
Net Impact				856	108	131	154	154	154	154	154
Full Time Equivalent (FTE)					0.8	1.0	1.0	1.0	1.0	1.0	1.0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	607
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		10,763
Expenditure / Encumbrances		9,571
Unencumbered Balance		1,192

Date First Appropriation	FY 04
First Cost Estimate	
Current Scope	FY 17 11,370
Last FY's Cost Estimate	9,775

Description

This project provides for the placement of School Based Health Centers (SBHC) and Linkages to Learning (LTL) sites at public schools. SBHCs provide primary health, social services, mental health, and youth development services. The LTL program provides accessible services to at-risk children and their families to improve adjustment to and performance in school, home, and community; services include health, mental health, social services, and educational support. Host schools are selected based on criteria recommended by the SBHC Interagency Planning Group and the LTL Advisory Group. Montgomery County Public Schools (MCPS) will oversee the construction of SBHC and LTL sites. The County will occupy the space with School Health Services and LTL personnel and contractors.

Estimated Schedule

Planning for Wheaton Woods will be completed in FY16. Planning and design for Maryvale will be programmed for FY16-18. Construction for Wheaton Woods and Maryvale LTL projects have been delayed one year to align with the revised MCPS construction schedule. Construction of Wheaton Woods LTL is expected to be completed in FY17; Maryvale LTL is expected to be completed in FY19.

Cost Change

Reflects a \$1.475M increase to support actual expenditures for prior project work including a FY16 \$988,000 transfer from Dennis Avenue Health Center and reallocation of unspent funds from the Children's Resource Center to the project in FY17. Cost increase of \$120K includes the purchase/installation of a modular bathroom unit adjacent to the existing portable LTL unit at South Lake Elementary School.

Justification

This project is part of the recommendations of the Department of Health and Human Services and MCPS.

Other

Cost estimates are based on per square foot costs for school construction, adjusted by additional health care facility requirements such as examination rooms, a laboratory and medical equipment. MCPS will provide maintenance and utilities by a Memorandum of Understanding. Site specific factors are to be determined, and will be provided during construction.

Fiscal Note

School Based Health & Linkages to Learning Centers (P640400)

Reflects FY15 transfer of \$65,000 in GO Bonds from the High School Wellness Center (P640902) project and a subsequent funding switch from GO Bonds to Recordation Tax Premium. FY16 funding switch replacing \$165,000 in Federal aid with GO Bonds recognizes actual Federal grant awards.

Coordination

Department of Health and Human Services, Department of General Services, Montgomery County Public Schools

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 06/13/2016 9:42 AM

	Total	Thru FY15	Est FY16	6 Year Total	FY17	FY18	FY19	FY20	FY21	FY22	Beyond 6 Yrs	Approp.
Health and Human Services (SC41)												
Health and Human Services (SC41)												
School Based Health & Linkages to Learning Centers (P640400)	11,370	9,571	470	1,329	815	84	305	125	0	0	0	607
High School Wellness Center (P640902)	5,697	3,325	1,153	1,219	0	645	450	124	0	0	0	0
Dennis Avenue Health Center (P641106)	37,395	20,149	13,546	3,700	3,700	0	0	0	0	0	0	0
Children's Resource Center (P641300)	485	465	0	0	0	0	0	0	0	0	0	0
Child Care in Schools (P649187)	4,225	2,141	766	1,318	813	42	373	90	0	0	0	0
Progress Place Relocation and Personal Living Quarters (P601401)	427	165	175	87	87	0	0	0	0	0	0	0
Avery Road Treatment Center (P601502)	8,516	13	192	8,311	2,308	4,665	1,338	0	0	0	0	1,592
Health and Human Services (SC41)	68,095	35,929	16,302	15,964	7,723	5,436	2,466	339	0	0	0	2,199
Health and Human Services	68,095	35,929	16,302	15,964	7,723	5,436	2,466	339	0	0	0	2,199

*

* = Closeout or Pending Closeout

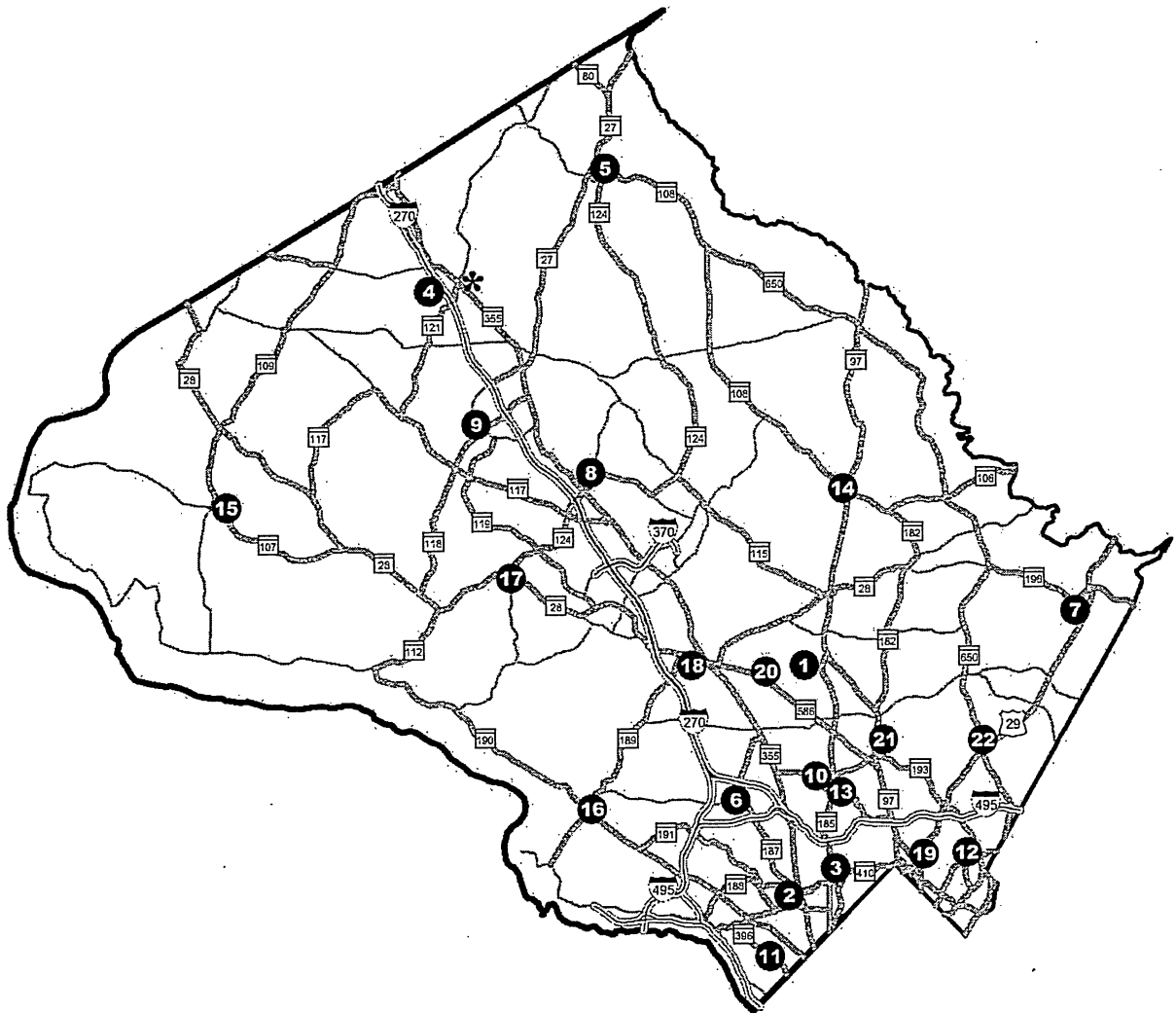
CIP230 - CC Approved

COUNTY GOVERNMENT

CULTURE AND RECREATION

Public Libraries
Recreation

Montgomery County, Maryland Public Libraries



BRANCHES

- | | | | |
|--------------------------|--------------------------|--------------------------------------|----------------------------|
| 1. Aspen Hill ♦ | 7. Marilyn J. Praisner ♦ | 13. Noyes Library for Young Children | 18. Rockville Memorial ♦ |
| 2. Bethesda ♦ | 8. Gaithersburg ♦ | 14. Olney ♦ | 19. Silver Spring ♦ |
| 3. Chevy Chase | 9. Germantown ♦ | 15. Poolesville | 20. Twinbrook |
| 4. Correctional Facility | 10. Kensington Park | 16. Potomac | 21. Wheaton Interim ♦ |
| 5. Damascus ♦ | 11. Little Falls | 17. Quince Orchard ♦ | 22. White Oak ♦ |
| 6. Davis | 12. Long Branch ♦ | | ★ Clarksburg
(proposed) |

♦ Open on Sundays

MCPL Express @ Mid-County Recreation Center will provide materials for checkout, a book return, and holds service.

See <http://www.montgomerycountymd.gov/library> for a full listing of Library Hours and Holidays, Services, and Policies.

21st Century Library Enhancements Level Of Effort (P711503)

Category Culture and Recreation
 Sub Category Libraries
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	900	0	100	800	100	100	150	150	150	150	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	4,050	0	450	3,600	450	450	675	675	675	675	0
Other	4,050	6	444	3,600	450	450	675	675	675	675	0
Total	9,000	6	994	8,000	1,000	1,000	1,500	1,500	1,500	1,500	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	8,631	0	631	8,000	1,000	1,000	1,500	1,500	1,500	1,500	0
G.O. Bonds	225	0	225	0	0	0	0	0	0	0	0
Short-Term Financing	144	6	138	0	0	0	0	0	0	0	0
Total	9,000	6	994	8,000	1,000	1,000	1,500	1,500	1,500	1,500	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,000
Appropriation Request Est.	FY 18	1,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,000
Expenditure / Encumbrances		51
Unencumbered Balance		949

Date First Appropriation	FY 15	
First Cost Estimate		
Current Scope	FY 17	9,000
Last FY's Cost Estimate		6,000

Description

This level of effort project is intended to maintain and keep technology current in existing libraries by updating technology and technology support systems. When appropriate, upgrades will be coordinated with Library Refurbishment project work.

Estimated Schedule

Project started in FY15 and work will progress on an as needed basis.

Cost Change

Cost increase is due to addition of FY21 and FY22 expenditures.

Justification

This funding will allow the Department of Public Libraries, Department of General Services, and Department of Technology Services to respond to customer demands and library trends that require changes in the equipment and related furnishings of library buildings. This includes provision of new equipment such as tablet and laptop vending devices, media dispensing units, modifying service desks to provide single points of service or modernizing furniture to allow tablet arms on lounge chairs or erasable/writable surfaces on tables in children's rooms. It will also provide funding to do minor upgrades of electrical and data connections as improvements are made to the services and programs. This project will improve the level of service to the community by keeping the library system more current and responsive to the needs of the community. Rather than the current 30+ year cycle of renovations, funds will be available to modify technology on a much shorter timeframe.

Disclosures

Expenditures will continue indefinitely.

Coordination

Department of General Services, Department of Public Libraries, Department of Technology Services

Clarksburg Library (P710500)

Category
Sub Category
Administering Agency
Planning Area

Culture and Recreation
Libraries
General Services (AAGE29)
Clarksburg

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,134	0	0	2,134	0	0	0	0	1,064	1,070	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	2,134	0	0	2,134	0	0	0	0	1,064	1,070	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	2,134	0	0	2,134	0	0	0	0	1,064	1,070	0
Total	2,134	0	0	2,134	0	0	0	0	1,064	1,070	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	FY 15 2,134
Last FY's Cost Estimate	2,134

Description

This project provides for the design and construction of a library and associated parking, located in Clarksburg, as outlined in the Clarksburg Master Plan, and appropriate to the needs of the community.

Location

Clarksburg, MD

Estimated Schedule

Planning, design and supervision funds are included in FY21 and FY22.

Justification

The Department's Strategic Facilities Plan (1998 – 2003) recognized the need for library services in the Clarksburg area, including a needs assessment completed in 2001. The Department confirms that the Clarksburg area continues to meet the criteria for a new facility, as outlined in the current Department Facilities Plan (2013 – 2016). The Clarksburg population is expected to increase from 13,766 in 2010 to almost 40,000 by 2025. The closest library is the Germantown branch, which opened in 2007. The library will serve as the community connection hub – to ideas, learning, and the exchange of information. It will improve the community through facilitating knowledge creation, informing the community, and inspiring lifelong learning and collaboration.

Fiscal Note

Dedication of a 1.1 acre site was approved by the Montgomery County Planning Board on July 23, 2015 as part of the developer Third Try LLC's design for the site plan for the unbuilt portions of the Town Center on the east and west sides of the development.

Coordination

M-NCPPC, Department of General Services, Department of Technology Services, Department of Permitting Services, WSSC, Clarksburg Town Center Development District, Department of Public Libraries, Upcounty Regional Service Center

Library Refurbishment Level of Effort (P711502)

Category Culture and Recreation
 Sub Category Libraries
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,948	97	602	2,249	367	353	353	392	392	392	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	13,361	8	2,502	10,851	1,683	1,722	1,722	1,908	1,908	1,908	0
Other	1,678	0	848	830	120	130	130	150	150	150	0
Total	17,987	105	3,952	13,930	2,170	2,205	2,205	2,450	2,450	2,450	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	16,800	76	2,794	13,930	2,170	2,205	2,205	2,450	2,450	2,450	0
State Aid	1,187	29	1,158	0	0	0	0	0	0	0	0
Total	17,987	105	3,952	13,930	2,170	2,205	2,205	2,450	2,450	2,450	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,170
Appropriation Request Est.	FY 18	2,205
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,057
Expenditure / Encumbrances		1,055
Unencumbered Balance		3,002

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	12,287

Description

This level of effort project is intended to provide a structured process to ensure that all branches are modernized with updated technologies and service delivery improvements, which reflect the latest in 21st century library trends. Once a library building has been refreshed, it could offer a multipurpose room for group collaborations or a media lab for printing 3D objects or Prekindergarten early literacy elements to encourage reading readiness in children entering Kindergarten. Coupled with funding from the 21st Century Library Enhancements Level of Effort project, residents may have access to data/electric enabled furniture or state of the art technology to meet their needs where they are (for example, internal use loanable laptops for writing a resume or access to job source websites). Carpeting, painting, updating restrooms, and work identified for major building systems (including the roof, mechanical/HVAC, and windows) will be included to "freshen up" the building and ensure working and efficient operating systems. As noted, work identified, but not contained with this project, may be completed within other facility and Library level of effort projects, including the energy savings contract (ESCO) program and 21st Century Library Enhancements project work.

Estimated Schedule

This project started in FY15-16 with two refurbishment projects at the Twinbrook and Kensington Park Libraries. Starting with FY16, the schedule increased to three per year with the understanding that all 21 branches would be evaluated and refurbished, and then the CIP cycle for refresh work would start over again. The Library department identifies the libraries to be refreshed approximately 18 months before planning and design work begins on them, so that applications for grant funding to the State can be submitted and the necessary budget estimates and notification documents can be prepared. Notice identifying the specific library projects for a given fiscal year must be provided to Council at least 60 days before any design or construction funding is obligated or spent. This notice to Council must include the anticipated scope of work, cost estimates, and an expenditure schedule detailing Planning, Design and Supervision, Construction, and Other costs by fiscal year.

Cost Change

The cost change is due to the addition of FY21 and FY22 expenditures.

Justification

The Facilities Plan 2013-2016 calls for a programmatic evaluation of each branch on a three year cycle with the work to be completed by the fifth year. Many of the Libraries have not been updated for 20 years. This refurbishment of branches will ensure that the County's capital investments are protected by maintaining the Library Department's building infrastructure, that all new and required construction codes are addressed and implemented, that critical equipment and building systems are overhauled or replaced prior to failure, and that reorganization of internal space is completed to insure that space is fully utilized based on the community's needs for programs and services. Rather than totally renovating two existing libraries under the old approach, this new approach will complete refurbishment of 17 libraries during the six year CIP period.

Fiscal Note

FY15 Supplemental in State Aid for \$387,000 was approved for this project for the refurbishment of Twinbrook (\$128,000) and Kensington Park (\$259,000) branches. FY16 Supplemental in State Aid for \$800,000 was approved for this project for the refurbishment of Davis (\$400,000) and Little Falls (\$400,000) branches.

Disclosures

Library Refurbishment Level of Effort (P711502)

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Department of General Services, Department of Public Libraries, Maryland State Department of Education

Noyes Library for Young Children Rehabilitation and Renovation (P711704)

Category Culture and Recreation
 Sub Category Libraries
 Administering Agency Public Libraries (AAGE17)
 Planning Area Kensington-Wheaton

Date Last Modified 6/9/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,000	0	0	1,000	550	450	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	200	0	0	200	100	100	0	0	0	0	0
Construction	1,900	0	0	1,900	100	1,800	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,100	0	0	3,100	750	2,350	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Contributions	1,600	0	0	1,600	350	1,250	0	0	0	0	0
Current Revenue: General	500	0	0	500	300	200	0	0	0	0	0
G.O. Bonds	1,000	0	0	1,000	100	900	0	0	0	0	0
Total	3,100	0	0	3,100	750	2,350	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				28	0	0	7	7	7	7	
Maintenance				36	0	0	9	9	9	9	
Net Impact				64	0	0	16	16	16	16	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	3,050
Appropriation Request Est.	FY 18	50
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	0

Description

This project will provide for a comprehensive rehabilitation of this historic library to include conversion of the attic into a finished second floor, renovation of the first floor, and the addition of a finished basement, an elevator, ADA compliant restrooms and egress stairs. The rehabilitated facility will be able to accommodate more attendees and more types of programming and services than are possible in the current facility.

Location

10237 Carroll Place, Kensington, Maryland 20895

Estimated Schedule

A draft Concept Plan was reviewed by the County and the Noyes Children's Library Foundation in the Summer of 2013 and agreed upon as the basis for the project design. Initial soil bore testing was completed in late Fall 2013, indicating there were no major problems anticipated. Design is scheduled to begin in FY17, and construction will commence when the necessary funds for the complete project are successfully raised by the Noyes Children's Library Foundation.

Justification

The Noyes Library is a small, historically designated library with services specifically focused on Pre-Kindergarten education and Early Childhood (infants through approximately age 8). The small scale and intimate setting of the library are unique and provide a signature experience for children, but the building is not compliant with the Americans with Disabilities Act (ADA). In 2010, the County proposed a modest effort that would have addressed the ADA issues in the most basic manner possible, as well as made small changes to the library layout that would have positively impacted programming and service offerings. Since that time, the County and the Foundation discussed a more comprehensive rehabilitation of the Noyes Library for Young Children that preserved the library's unique, small-scale, intimate experience, while making substantial improvements to the building that supported use by persons with disabilities, new space for program preparatory and collection work by staff, and additional space for programs. The County Executive is proposing, via this project, a partnership to support this enhanced vision of the Noyes Library for Young Children.

Fiscal Note

Noyes Library for Young Children Rehabilitation and Renovation (P711704)

The project is to be funded by County GO Bonds and private funds that will be raised by the Noyes Children's Library Foundation according to the requirements of the Memorandum of Understanding (MOU) between the County and the Noyes Children's Library Foundation which codifies the fundraising and project plan. In addition, Current Revenue funding of \$300,000 in FY17 and \$200,000 in FY18 has been moved from Capital Improvement Grants for the Arts and Humanities from Cost Sharing project P720601. The construction phase will not begin until the Noyes Children's Library Foundation completes its fund raising and provides the construction funding in full to the County.

Coordination

Department of Public Libraries, Department of General Services, Noyes Children's Library Foundation, M-NCPPC, Montgomery County Parks, Mid-County Regional Services Center, WSSC, Pepco, Town of Kensington Park, Maryland Historic Trust.

Wheaton Library and Community Recreation Center (P361202)

Category Culture and Recreation
 Sub Category Libraries
 Administering Agency General Services (AAGE29)
 Planning Area Kensington-Wheaton

Date Last Modified 6/24/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	11,662	2,461	6,413	2,788	1,550	866	372	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	738	0	443	295	295	0	0	0	0	0	0
Construction	60,533	0	2,544	57,989	29,220	26,269	2,500	0	0	0	0
Other	3,926	0	0	3,926	3,721	205	0	0	0	0	0
Total	76,859	2,461	9,400	64,998	34,786	27,340	2,872	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	677	0	0	677	472	205	0	0	0	0	0
G.O. Bonds	73,802	81	9,400	64,321	34,314	27,135	2,872	0	0	0	0
PAYGO	2,380	2,380	0	0	0	0	0	0	0	0	0
Total	76,859	2,461	9,400	64,998	34,786	27,340	2,872	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				1,516	0	0	379	379	379	379	
Maintenance				2,100	0	0	525	525	525	525	
Offset Revenue				-184	0	0	-34	-50	-50	-50	
Program-Staff				124	0	0	31	31	31	31	
Program-Other				84	0	0	51	11	11	11	
Net Impact				3,640	0	0	952	896	896	896	
Full Time Equivalent (FTE)					0.0	0.0	1.4	1.4	1.4	1.4	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	772
Appropriation Request Est.	FY 18	305
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		75,782
Expenditure / Encumbrances		4,325
Unencumbered Balance		71,457

Date First Appropriation	FY 12	
First Cost Estimate		
Current Scope	FY 17	76,859
Last FY's Cost Estimate		76,482

Description

This project will provide a combined facility to include a new Wheaton Library, a Used Book Store, and a Wheaton Community Recreation Center. Included in the scope is the development of a Program of Requirements (POR) and conceptual design followed by full design services and construction of the facility. The Library and the Recreation Center will be comparable to libraries and recreation centers of similar service needs with efficiencies of area and program made due to the shared use of some spaces such as lobbies, meeting rooms, restrooms, and parking which reduces the overall space requirements and provides for efficiencies in the operational costs. DGS and M-NCPPC will develop an agreement for the demolition of the existing Wheaton Neighborhood Recreation Youth Center, as it will be replaced by the new Community Recreation Center, which will allow full use of the green space to support the community programs to be offered by the Department of Recreation in conjunction with the new Wheaton Community Recreation Center. The project provides for road access with a relocated Hermitage Avenue.

Location

Located at the corner of Georgia and Arcola Avenues, Wheaton, MD

Estimated Schedule

The facility concept study was completed in 2013. Design started in 2013 and will be completed in early 2016 followed by permitting and bidding. Construction is expected to start in Summer 2016 and be completed in Mid-2018.

Cost Change

Addition of \$172,000 in FY17 and \$205,000 in FY18 in Current Revenue to provide for a Wheaton Interim Library.

Justification

Wheaton Library and Community Recreation Center (P361202)

The Wheaton Library is one of the busiest libraries in Montgomery County, with over 490,000 items circulated and more than 381,000 visits by the public in FY13. The used book sale, operated by the Friends of the Library, and a satellite office of the Gilchrist Center are located on the lower level. There are serious moisture problems and the building does not meet current mechanical, safety and building codes. The mechanical, elevator and HVAC systems are outdated and worn, and they are not energy efficient. The facility was opened in 1960 and was renovated in 1985. It is in need of space reconfiguration to meet current library information needs. The Department of Recreation has operated the existing Wheaton Recreation Center, owned by the M-NCPPC, for many years. As early as 1997, this facility was designated for replacement with a larger full service facility, originally included in Facility Planning and Site Evaluation projects as the Kemp Mill (later Wheaton/Kemp Mill) Community Recreation Center. In the 2005 update to the Recreation Department's facility plan and in the FY07-12 CIP, a "Wheaton Area Recreation Facilities" study was included in the MCG Facility Planning Project #508768 for this purpose. That study included site and structure, stabilization and design development for future renovation, remodeling, and expansion of the Wheaton Neighborhood Recreation Center - Rafferty to provide an additional recreation facility to complement the existing facility. After review of the Rafferty component, space limitations, utility and plumbing challenges did not make it feasible to complete the project on its current site. A decision was made to pursue an alternative combined facility.

Fiscal Note

Other cost includes \$300,000 for the library collection.

Disclosures

A pedestrian impact analysis has been completed for this project.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Department of General Services, Department of Libraries, Department of Recreation, Department of Transportation, M-NCPPC, State Highways, Mid-County Regional Services Center, WSSC, Pepco. Special Projects Legislation [Bill No. 34-14] was adopted by Council June 17, 2014.

RECREATION

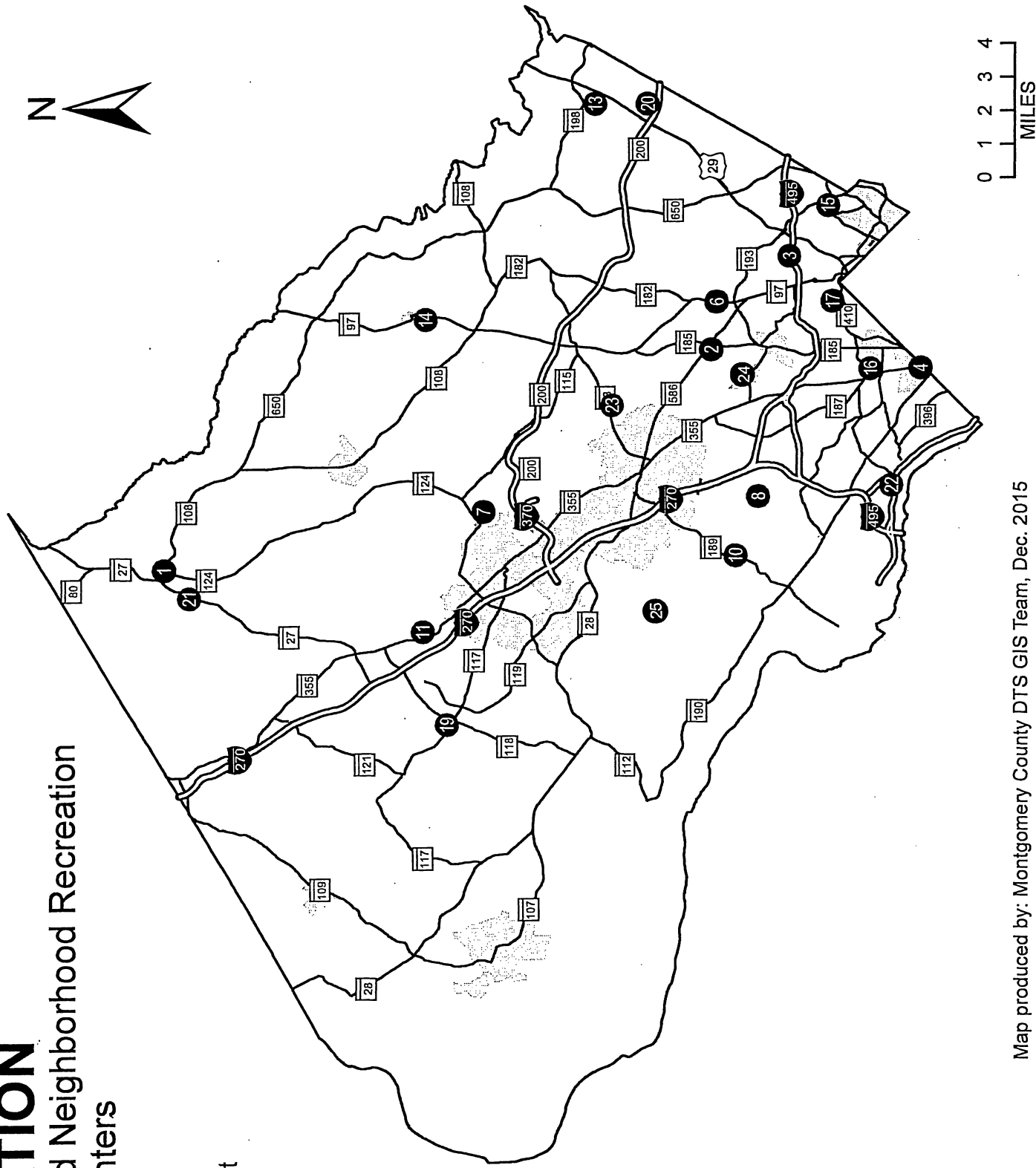
Community and Neighborhood Recreation and Senior Centers

Senior Centers

1. Damascus
2. Holiday Park
3. Margaret Schweinhaut
5. White Oak
15. Long Branch
25. North Potomac

Recreation Centers

4. Wisconsin Place
5. White Oak
6. Wheaton
7. Upper County
8. Scotland
9. Ross Boddy
10. Potomac
11. Plum Gar
12. Mid-County
13. Marilyn Praisner
14. Longwood
15. Long Branch
16. Jane Lawton
17. Gwendolyn Coffield
18. Good Hope
19. Germantown
20. East County
21. Damascus
22. Clara Barton
23. Bauer Drive
24. Ken Gar
25. North Potomac

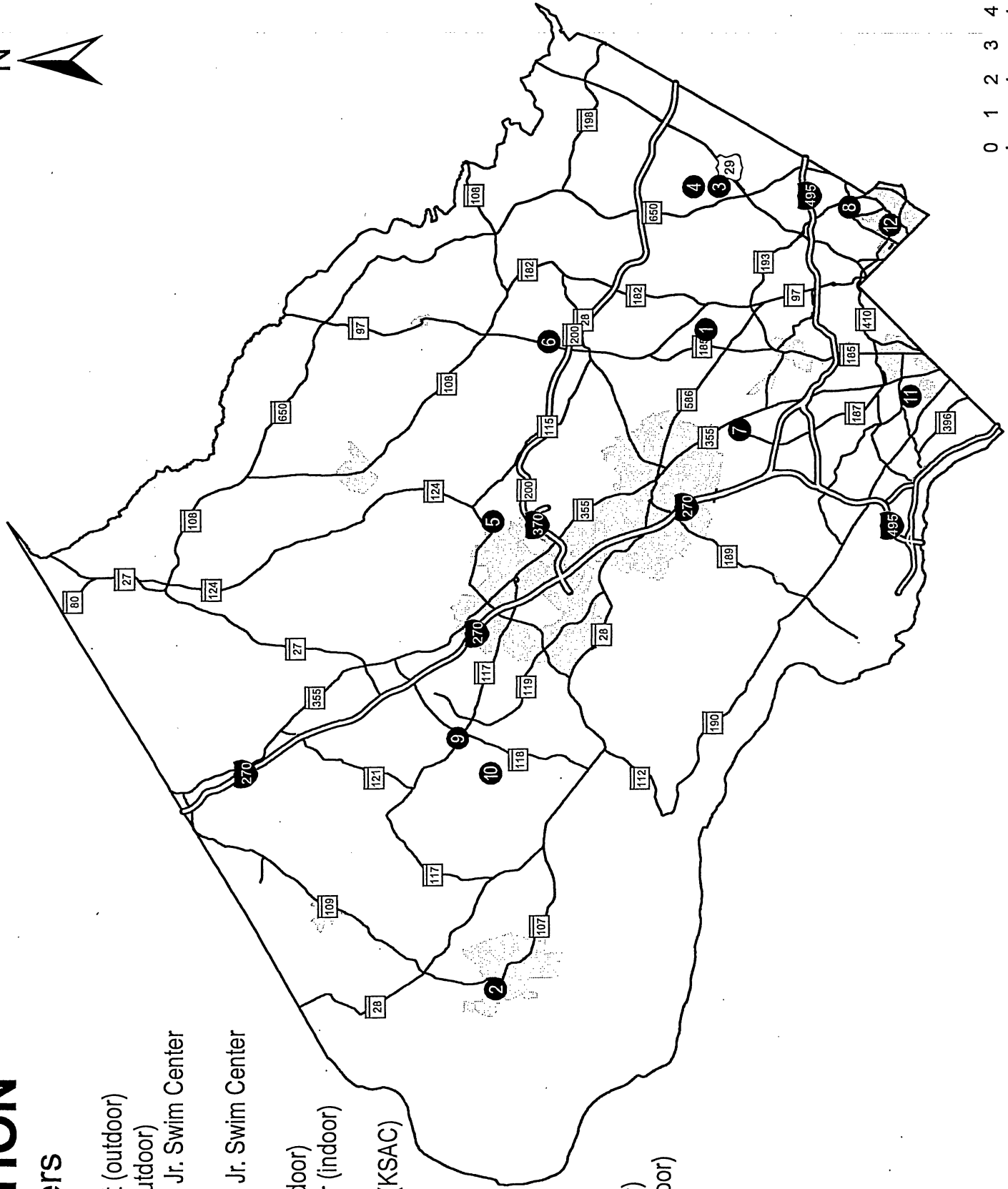


Map produced by: Montgomery County DTS GIS Team, Dec. 2015

RECREATION

Aquatic Centers

1. Wheaton/Glenmont (outdoor)
2. Western County (outdoor)
3. Martin Luther King, Jr. Swim Center (indoor)
4. Martin Luther King, Jr. Swim Center (outdoor)
5. Upper County (outdoor)
6. Olney Swim Center (indoor)
7. Kennedy-Shriver Aquatic Center (KSAC) (indoor)
8. Long Branch (outdoor)
9. Germantown (outdoor)
10. Germantown (indoor)
11. Bethesda (outdoor)
12. Piney Branch (indoor)



Cost Sharing: MCG (P720601)

Category Culture and Recreation
 Sub Category Recreation
 Administering Agency General Services (AAGE29)
 Planning Area Countywide

Date Last Modified 5/6/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	3,634	3,634	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	9	9	0	0	0	0	0	0	0	0
Construction	7,430	7,430	0	0	0	0	0	0	0	0
Other	19,574	6,026	5,472	8,076	3,276	800	1,000	1,000	1,000	1,000
Total	30,647	17,099	5,472	8,076	3,276	800	1,000	1,000	1,000	1,000

FUNDING SCHEDULE (\$000s)

Contributions	150	0	150	0	0	0	0	0	0	0
Current Revenue: General	17,488	7,152	3,658	6,678	1,878	800	1,000	1,000	1,000	1,000
G.O. Bonds	2,398	0	1,000	1,398	1,398	0	0	0	0	0
Land Sale	2,661	2,661	0	0	0	0	0	0	0	0
Long-Term Financing	3,850	3,850	0	0	0	0	0	0	0	0
State Aid	4,100	3,436	664	0	0	0	0	0	0	0
Total	30,647	17,099	5,472	8,076	3,276	800	1,000	1,000	1,000	1,000

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	3,135
Appropriation Request Est.	FY 18	800
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		22,712
Expenditure / Encumbrances		18,381
Unencumbered Balance		4,331

Date First Appropriation	FY 06
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	26,712

Description

This project provides funds for the development of non-governmental projects in conjunction with public agencies or the private sector. County participation leverages private and other public funds for these facilities. Prior to disbursing funds, the relevant County department or agency and the private organization will develop a Memorandum of Understanding, which specifies the requirements and responsibilities of each.

Cost Change

Addition of \$1,398,000 in GO Bonds in FY17 for Strathmore Mansion repairs. Addition of \$1,000,000 in FY21 and \$1,000,000 in FY22 for Capital Improvement Grants for the Arts and Humanities. Addition of \$1,178,000 in County support for Community Grants described on subsequent pages. Current Revenue funding of \$300,000 in FY17 and \$200,000 in FY18 has been moved from the Capital Improvement Grants for the Arts and Humanities allocation to the Noyes Library for Young Children Rehabilitation and Renovation CIP project (P711704).

Justification

The County has entered into or considered many public-private partnerships, which contribute to the excellence and diversity of facilities serving County residents

Other

See attached for Community Grants and CIP Grants for Arts and Humanities Organizations.

Fiscal Note

Remaining \$141,000 in unspent funds for Capital Improvement Grants for the Arts and Humanities have been eliminated in FY16 to reflect Council Approved FY16 Savings Plan. See Cost Sharing Grants attachment for Historical Fiscal Note regarding the Fillmore venue in Silver Spring and Old Blair Auditorium Project, Inc.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Private organizations, State of Maryland, Municipalities, Montgomery County Public Schools, Community Use of Public Facilities, Department of General Services, Department of Economic Development, Arts and Humanities Council of Montgomery County.

COST SHARING GRANTS

Grants:

For FY17, a CIP Grant for Arts and Humanities Organizations totaling \$1,398,000 is approved for the following project: Strathmore Hall Foundation, Inc.: \$1,398,000. The Department of General Services will be managing the Strathmore Mansion repair project. County participation is for the following community grant projects totaling \$1,178,000: A Wider Circle, Inc.: \$50,000; Congregation Beth El of Montgomery County, \$20,000; Cornerstone Montgomery, Inc.: \$350,000; Easter Seals Greater Washington-Baltimore Region, Inc.: \$50,000; Friends House, Inc.: \$50,000; Graceful Growing Together, Inc.: \$100,000; Hebrew Home of Greater Washington, Inc.: \$200,000; Jewish Community Center of Greater Washington, Inc.: \$25,000; Jewish Foundation for Group Homes, Inc.: \$100,000; Our House, Inc.: \$20,000; Potomac Community Resources, Inc.: \$50,000; Reginald S. Lourie Center for Infants and Young Children, \$68,000; Seven Locks Jewish Community Inc.: \$20,000; The Jewish Federation of Greater Washington, Inc.: \$25,000; Warrior Canine Connection, Inc.: \$50,000. For FY17, CIP Grants for Arts and Humanities Organizations totaling \$377,217 are approved for the following projects: Glen Echo Park Partnership for Arts and Culture, Inc.: \$67,795; Montgomery Community Television, Inc.: \$159,422; and The Olney Theatre Center for the Arts, Inc.: \$150,000. In addition, \$300,000 in FY17 funds and \$200,000 in FY18 funds allocated for CIP Grants for Arts and Humanities Organizations have been moved from this project to the Noyes Library for Young Children Rehabilitation and Renovation project P711704.

For FY16, County participation is for the following community grant projects totaling \$865,000: Beth Shalom Congregation and Talmud Torah: \$60,000; Easter Seals Greater Washington-Baltimore Region: \$50,000; Graceful Growing Together, Inc.: \$75,000; Jewish Council for the Aging of Greater Washington, Inc.: \$50,000; Jewish Foundation for Group Homes: \$50,000; Latin American Youth Center, Inc.: \$25,000; Muslim Community Center Inc. DBA MCC-Medical Clinic: \$25,000; Potomac Community Resources: \$25,000; Rockville Science Center, Inc.: \$15,000; Silver Spring United Methodist Church: \$50,000; The Jewish Federation of Greater Washington: \$40,000; Warrior Canine Connection: \$50,000; Cornerstone Montgomery, Inc.: \$350,000. For FY16, CIP Grants for Arts and Humanities Organizations totaling \$1,625,004 are approved for the following projects: The Writer's Center, Inc.: \$250,000; Montgomery Community Television, Inc.: \$119,181; Sandy Spring Museum, Inc.: \$30,170; Round House Theatre, Inc.: \$155,572; American Dance Institute, Inc.: \$70,081; and Strathmore Hall Foundation, Inc.: \$1,000,000.

For FY15, County participation was for the following projects: Easter Seals Greater Washington-Baltimore Region, Inc.: \$100,000; Graceful Growing Together, Inc.: \$125,000; Jewish Community Center of Greater Washington: \$150,000; Muslim Community Center, Inc.: \$250,000; Potomac Community Resources, Inc.: \$150,000; The Arc of Montgomery County, Inc.: \$17,973; Catholic Charities of the Archdiocese of Washington, Inc.: \$11,395; Melvin J. Berman Hebrew Academy: \$33,000; Jewish Social Service Agency: \$75,000; Warrior Canine Connection, Inc.: \$75,000; Jewish Council for the Aging of Greater Washington, Inc.: \$125,000; The Jewish Federation of Greater Washington, Inc.: \$100,000; Family Services, Inc.: \$75,000. For FY15, CIP Grants for Arts and Humanities Organizations totaling \$849,080 are approved for the following projects: Germantown Cultural Arts Center, Inc.: \$75,000; Jewish Community Center of Greater Washington, Inc.: \$134,000; Montgomery Community Television, Inc.: \$50,080; The Olney Theatre Center for the Arts, Inc.: \$150,000; Sandy Spring Museum, Inc.: \$90,000; and The Writer's Center, Inc.: \$250,000. \$100,000 of these funds will also be used to provide a State bond bill match for Silver Spring Black Box Theater. For FY15, emergency CIP Grants for Arts and Humanities Organizations totaling \$143,116 are approved for the following projects: Montgomery Community Television, Inc.: \$127,179; and Sandy Spring Museum, Inc.: \$15,937.

For FY14, County participation was for the following projects: Easter Seals Greater Washington-Baltimore Region: \$100,000; Jewish Foundation for Group Homes, Inc.: \$125,000; Muslim Community Center: \$100,000; Potomac Community Resources, Inc.: \$50,000; Sandy Spring Museum: \$65,000; St. Luke's House and Threshold Services United: \$50,000; and Takoma Park Presbyterian Church: \$75,000. Prior to disbursement of funds, Takoma Park Presbyterian Church must provide a final Business Plan to the Executive and Council that includes the proposed fee schedule and letters of interest from potential entrepreneurs with expected revenues from each user. The Church must agree to use the facility for the expressed purposes for a period of ten years from the time the facility is complete or repay the pro rata portion of County funds. The following Capital Improvement Grants for the Arts and Humanities were awarded to Friends of the Library, Montgomery County, Inc.: \$25,100; Imagination Stage, Inc.: \$190,000; The Washington Conservatory: \$26,875; Strathmore Hall Foundation, Inc.: \$26,000; The Puppet Company: \$25,000; The Writers Center, Inc.: \$250,000; Glen Echo Park Partnership for Arts and Culture: \$45,000; American Dance Institute, Inc.: \$34,889; Olney Theatre Corp: \$25,000; Montgomery Community Television dba Montgomery Community Media: \$62,469; The Dance Exchange Inc.: \$77,500; and Metropolitan Ballet Theatre, Inc.: \$100,850.

For FY13, County participation was for the following projects: ArtPreneurs, Inc.: \$80,000; Muslim Community Center, Inc.: \$120,000; Muslim Community Center, Inc.: \$175,000; Potomac Community Resources, Inc.: \$50,000; Sheppard Pratt Health System, Inc.: \$50,000; and The Menare Foundation, Inc.: \$80,000.

For FY12, County participation was for the following projects: Catholic Charities of the Archdiocese of Washington, Inc.: \$125,000; CHI Centers Inc.: \$200,000; and Ivymount School, Inc.: \$100,000.

For FY11, County participation was for the following projects: Girl Scout Council of the Nation's Capital: \$100,000; Jewish Foundation for Group Homes, Inc.: \$50,000; and Ivymount School, Inc.: \$100,000.

For FY10, County participation was for the following project: Aunt Hattie's Place, Inc.: \$100,000. Disbursement of FY09 and FY10 County funds is conditioned on the owner of the property giving the County an appropriate covenant restricting the use of the leased property to a foster home for boys for a period of ten years from the time the facility commences to operate as a foster home. Boys and Girls Club of Greater Washington: \$38,000; CASA de Maryland, Inc.: \$100,000; Jewish Council for the Aging of Greater Washington, Inc.: \$50,000; and Warren Historic Site Committee, Inc.: \$150,000.

For FY09, County participation was for the following projects: Aunt Hattie's Place, Inc.: \$250,000; Boys and Girls Club of Greater Washington: \$250,000; CASA de Maryland, Inc.: \$150,000; CHI Centers: \$50,000; and Institute for Family Development Inc., doing business as Centro Familia: \$75,000 (The organization had to demonstrate to the County's satisfaction that it had commitments for the entire funding needed to construct the project before the \$75,000 in County funds could be spent.); Jewish Council for the Aging of Greater Washington, Inc.: \$250,000; Montgomery General Hospital: \$500,000; Nonprofit Village, Inc.: \$200,000; and YMCA of Metropolitan Washington and Youth and Family Services Branch: \$200,000.

Occasionally, contracts are not executed or are terminated. For more information, contact Beryl Feinberg from the Department of General Services.

Historical Fiscal Note:

The State approved \$4,000,000 in State Aid from FY07 to FY09 for the Fillmore venue in Silver Spring. The County's required match of \$4,000,000 and \$6,511,000 was programmed. The Venue Operator agreed to purchase certain furniture, fixtures, and equipment for the project; \$150,000 of which would be used as the required County match. An agreement between the development partners and the County was executed. The Fillmore is now operational. Old Blair Auditorium Project, Inc., in FY06-07 the County provided \$190,000 as a partial match for the State funds with \$50,000 in current revenue for DPWT to develop a program of requirements and cost estimate for the project, and bond funded expenditure of \$140,000 to pay for part of the construction. These funds were budgeted in the MCG: Cost Sharing project (No. 720601). In FY11, the funds were transferred to a new CIP Old Blair Auditorium Reuse project (No. 361113).

Good Hope Neighborhood Recreation Center (P720918)

Category
Sub Category
Administering Agency
Planning Area

Culture and Recreation
Recreation
General Services (AAGE29)
Silver Spring

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Final Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,860	759	749	352	286	66	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	841	0	240	601	517	84	0	0	0	0
Construction	7,092	1	961	6,130	6,130	0	0	0	0	0
Other	952	2	0	950	950	0	0	0	0	0
Total	10,745	762	1,950	8,033	7,883	150	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	10,600	617	1,950	8,033	7,883	150	0	0	0	0
PAYGO	145	145	0	0	0	0	0	0	0	0
Total	10,745	762	1,950	8,033	7,883	150	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Energy				119	0	7	28	28	28	28
Maintenance				144	0	8	34	34	34	34
Offset Revenue				-12	0	0	-3	-3	-3	-3
Program-Staff				255	0	15	60	60	60	60
Program-Other				144	0	36	27	27	27	27
Net Impact				650	0	66	146	146	146	146
Full Time Equivalent (FTE)					0.0	2.4	2.4	2.4	2.4	2.4

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,418
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		9,327
Expenditure / Encumbrances		1,245
Unencumbered Balance		8,082

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	10,029

Description

The Good Hope Neighborhood Recreation Center requires demolition of the existing building and new construction to include the construction of a gymnasium, exercise/weight room, activity room, game room, toilets, and storage. Additionally, the design will accommodate the introduction of performing arts activities to the other typical recreational activities. A key constraint is the limit on impervious site area, due to the Paint Branch Special Protection Area, resulting in expansion requirements that do not increase the building footprint. A key component of the site and building infrastructure renovation is to upgrade the facility to conform to the Montgomery County manual for planning, design, and construction of sustainable buildings, including meeting green building/sustainability goals; Montgomery County Energy Design Guidelines; and the Americans with Disabilities Act (ADA).

Location

14715 Good Hope Road, Silver Spring

Estimated Schedule

Project has been delayed due to the site development challenges to meet Special Protection Area (SPA), Storm Water Management (SWM), and Americans with Disabilities Act (ADA) requirements. Construction is anticipated to begin in Spring 2016 with completion in Spring 2018.

Cost Change

The cost increase is due to the addition of performing arts program elements in the gymnasium, social/activities room, and outdoor venues in addition to the standard recreation and community activities.

Justification

Renovation and construction requirements are based on a facilities assessment of the site and building infrastructure, and on programmatic requirements of the facility and the Department of Recreation. Two community charrettes were conducted as a part of the facility planning process.

Other

Good Hope Neighborhood Recreation Center (P720918)

In 2000, the Montgomery County Department of Recreation (MCRD), in coordination with the then Department of Public Works and Transportation (DPWT), submitted an informal in-house assessment of five neighborhood recreation facilities, including informal recommendations for renovation or expansion. The assessment and recommendations were submitted in the Neighborhood Recreation Centers 2003 recommendations draft report summary.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Department of General Services, Department of Technology Services, Department of Recreation, WSSC, PEPCO, Department of Permitting Services

Kennedy Shriver Aquatic Center Building Envelope Improvement (P721503)

Category Culture and Recreation
 Sub Category Recreation
 Administering Agency General Services (AAGE29)
 Planning Area North Bethesda-Garrett Park

Date Last Modified 11/17/14
 Required Adequate Public Facility Yes
 Relocation Impact None
 Status Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,027	0	0	2,027	0	509	876	581	61	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	5,035	0	0	5,035	0	0	1,960	3,075	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	7,062	0	0	7,062	0	509	2,836	3,656	61	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	7,062	0	0	7,062	0	509	2,836	3,656	61	0	0
Total	7,062	0	0	7,062	0	509	2,836	3,656	61	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	790
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	FY 15 7,062
Last FY's Cost Estimate	7,062

Description

The Kennedy Shriver Aquatic Center opened in 1989. It consists of a 50 meter competitive swimming and diving pool, a 200 foot water flume, a separate leisure pool with two hydrotherapy areas and a diving tower. Since opening, the center has had problems related to the movement and condensation of moist indoor air through the building's exterior masonry walls, and roof leakage throughout the building. This project will: remove and restore existing window and louvers; remove the 4-inch masonry veneer block throughout the facility, and correct louvers, windows, and penetration flashings; install spray-applied wall insulation functioning as both air/vapor barrier system; install new exterior masonry veneer wall system; and replace the existing roof.

Location

5900 Executive Boulevard, North Bethesda, Maryland

Estimated Schedule

Design to start in FY18, and construction to start in FY19

Fiscal Note

Operating Budget Impacts will be estimated in a future CIP submission.

Coordination

Department of General Services, Department of Recreation, Office of Management and Budget, Bethesda/Chevy Chase Regional Services Center

North Bethesda Community Recreation Center (P720100)

Category Culture and Recreation
 Sub Category Recreation
 Administering Agency General Services (AAGE29)
 Planning Area North Bethesda-Garrett Park

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,536	0	0	0	0	0	0	0	0	1,536
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	1,536	0	0	0	0	0	0	0	0	1,536

FUNDING SCHEDULE (\$000s)

G.O. Bonds	1,536	0	0	0	0	0	0	0	0	1,536
Total	1,536	0	0	0	0	0	0	0	0	1,536

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 13 1,536
Last FY's Cost Estimate	1,536

Description

This project will include an approximately 46,200 gross square foot community recreation center. This building will include typical elements, such as, a gymnasium, exercise room, social hall, kitchen, senior/community lounge, arts/kiln room, game room, vending space, conference room, offices, lobby, restrooms, and storage space in association with the development of the White Flint Community Recreation and Aquatic Center (Kennedy Shriver Aquatic Center) and Wall Park in White Flint.

Estimated Schedule

The project schedule is dependent upon the development of the White Flint Sector plan and affordability considerations.

Justification

This region, with a population approaching 100,000, is currently served by one community recreation center located in Chevy Chase, which is designed to serve a community of 30,000. Residential development in the northern sector of this region has been significant in recent years, and additional development is in process.

Coordination

Bethesda-Chevy Chase Regional Services Center, Department of Permitting Services, Department of General Services, Department of Recreation, Department of Technology Services, WSSC, PEPCO

Public Arts Trust (P729658)

Category
Sub Category
Administering Agency
Planning Area

Culture and Recreation
Recreation
Recreation (AAGE19)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/6/16
No
None
Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	400	0	100	300	50	50	50	50	50	50	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	871	165	66	640	140	140	90	90	90	90	0
Total	1,271	165	166	940	190	190	140	140	140	140	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	1,271	165	166	940	190	190	140	140	140	140	0
Total	1,271	165	166	940	190	190	140	140	140	140	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	190
Appropriation Request Est.	FY 18	190
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		331
Expenditure / Encumbrances		165
Unencumbered Balance		166

Date First Appropriation	FY 96
First Cost Estimate	
Current Scope	FY 17 1,271
Last FY's Cost Estimate	1,157

Description

Effective April 12, 1995, the County Council enacted legislation providing for the creation of a Public Arts Trust. The purpose of this program is to incorporate art into public facilities and sponsor privately-funded temporary or permanent displays of art on public property. As written, the County Chief Administrative Officer (CAO) administers the trust in consultation with the Arts and Humanities Council of Montgomery County (AHCMC), Montgomery County Public Schools, Montgomery College, and the Montgomery County Parks Commission. The request for County funds for this project will be determined annually. The guidelines state that the annual request for the next fiscal year will be 0.05 percent of the total approved programmed capital expenditures for the current year Capital Improvements Program of the County Government, Public Schools, Montgomery College, and the Maryland-National Capital Park and Planning Commission. Each year, the County Council should consider appropriating this amount but may appropriate any amount.

Cost Change

Funding has increased by \$50,000 in FY17, \$50,000 in FY18, and been added for FY21 and FY22.

Justification

Bill 12-94, a revision to the Art in Public Architecture law, provides for the creation of a Public Arts Trust. The Public Arts Trust is administered by the County Chief Administrative Officer.

Fiscal Note

The Public Arts Trust is implemented through the Department of Recreation via an outside contract with the AHCMC.

Disclosures

Expenditures will continue indefinitely.

Coordination

Arts and Humanities Council of Montgomery County, Montgomery County Public Schools, Montgomery College, M-NCPPC, Department of General Services, County Executive, Chief Administrative Officer

Recreation Facility Modernization (P720917)

Category	Culture and Recreation	Date Last Modified	11/17/14
Sub Category	Recreation	Required Adequate Public Facility	No
Administering Agency	General Services (AAGE29)	Relocation Impact	None
Planning Area	Countywide	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	250	8	42	150	50	0	50	0	50	0	50
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	250	8	42	150	50	0	50	0	50	0	50

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	200	0	0	150	50	0	50	0	50	0	50
G.O. Bonds	42	0	42	0	0	0	0	0	0	0	0
PAYGO	8	8	0	0	0	0	0	0	0	0	0
Total	250	8	42	150	50	0	50	0	50	0	50

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	-100
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		200
Expenditure / Encumbrances		8
Unencumbered Balance		192

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	200

Description

This project provides for a comprehensive plan and renovation of recreational facilities to protect the County's investment in recreation facilities and to sustain efficient and reliable facility operations. Improvements that may be provided from this project include mechanical/plumbing equipment, code compliance, ADA compliance, lighting system replacements, building structural and exterior envelope refurbishment, and reconstruction or reconfiguration of interior building or exterior site amenities. This project also includes developing a plan to address the renovation needs of each facility listed below based on their age and condition. The plan will include a Program of Requirements, scope of work and cost estimates. Current appropriations will be used to support Program of Requirements development for the following facilities: Schweinhaut Senior Center, MLK Aquatic Center, Clara Barton Neighborhood Recreation Center, Upper County Community Recreation Center, and Bauer Drive Community Recreation Center.

Cost Change

Cost increase is due to addition of FY21 expenditures.

Justification

Renovation requirements will be based on facility assessments of the site and building infrastructure and programmatic requirements. Originally this project was initiated to proceed with master planning of five Neighborhood Recreation Centers, two Community Recreation Centers, and one Senior Center. This project serves as a mechanism to prioritize projects and to begin facility renovations.

Coordination

Department of General Services, Department of Recreation, Department of Permitting Services

Western County Outdoor Pool Renovation and Modernization (P721501)

Category Culture and Recreation
 Sub Category Recreation
 Administering Agency General Services (AAGE29)
 Planning Area Poolesville

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Under Construction

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,086	331	741	14	14	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	518	0	518	0	0	0	0	0	0	0	0
Construction	2,246	1	2,245	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,850	332	3,504	14	14	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	3,850	332	3,504	14	14	0	0	0	0	0	0
Total	3,850	332	3,504	14	14	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	14
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,836
Expenditure / Encumbrances		394
Unencumbered Balance		3,442

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 15 3,850
Last FY's Cost Estimate	3,850

Description

This project provides for the design, renovation, and modernization of 71,500 SF of an outdoor pool complex. The project includes Bathhouse, Snack Bar, Main Pool with associated deck area, Leisure Pool with associated deck area, Wading Pool, to be replaced with a zero depth Spray Pad with associated deck area, and dry land playground, open lawns and a Filter Room located below the Main Pool Deck.

Location

20151 Fisher Avenue, Poolesville

Estimated Schedule

Construction began in Fall 2015 and is expected to be complete in Spring 2016.

Justification

The facility was built in 1991 and has had no renovation or upgrades since construction over 20 years ago. This facility has been diligently maintained and remains serviceable, but much of the original pool equipment and many of the finishes are beyond their useful life and have reached the point that standard care and repairs are not able to keep the facility operational. In some cases original equipment and configurations no longer comply with the most current code requirements or County standards. Finally, some of the original amenities are out of date when compared with other more recently completed or renovated County aquatic facilities, and considering the extent of work required to correct the shortcomings noted above, complete replacement appears warranted.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Department of General Services, Department of Recreation, Department of Technology Services, Office of Management and Budget, Upcounty Regional Service Center

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 06/25/2016 1:33 PM

Culture and Recreation

Recreation

	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
North Bethesda Community Recreation Center (P720100)	1,536	0	0	0	0	0	0	0	0	0	1,536	0
White Oak Community Recreation Center (P720101)	21,140	21,128	12	0	0	0	0	0	0	0	0	0
North Potomac Community Recreation Center (P720102)	35,512	21,545	13,967	0	0	0	0	0	0	0	0	0
Cost Sharing: MCG (P720601)	30,647	17,099	5,472	8,076	3,276	800	1,000	1,000	1,000	1,000	0	3,135
Plum Gar Neighborhood Recreation Center (P720905)	7,775	7,749	26	0	0	0	0	0	0	0	0	0
Scotland Neighborhood Recreation Center (P720916)	8,418	8,040	378	0	0	0	0	0	0	0	0	0
Recreation Facility Modernization (P720917)	250	8	42	150	50	0	50	0	50	0	50	-100
Good Hope Neighborhood Recreation Center (P720918)	10,745	762	1,950	8,033	7,883	150	0	0	0	0	0	1,418
Ross Boddy Neighborhood Recreation Center (P720919)	15,760	4,532	11,228	0	0	0	0	0	0	0	0	0
Public Arts Trust (P729658)	1,271	165	166	840	190	180	140	140	140	140	0	180
Ken Gar Community Center Renovation (P721401)	163	163	0	0	0	0	0	0	0	0	0	-37
Gaithersburg Middle School Pool (P721402)	300	0	300	0	0	0	0	0	0	0	0	0
Western County Outdoor Pool Renovation and Modernization (P721501)	3,850	332	3,504	14	14	0	0	0	0	0	0	14
Kennedy Shriver Aquatic Center Building Envelope Improvement (P721503)	7,062	0	0	7,062	0	509	2,836	3,656	61	0	0	0
Potomac Adaptive Sports Court (P721403)	250	0	250	0	0	0	0	0	0	0	0	0
	144,579	81,523	37,295	24,275	11,413	1,649	4,026	4,796	1,251	1,140	1,586	4,620

Recreation

Libraries

Wheaton Library and Community Recreation Center (P361202)	76,859	2,461	9,400	64,998	34,786	27,340	2,872	0	0	0	0	772
Gaithersburg Library Renovation (P710300)	22,781	22,088	703	0	0	0	0	0	0	0	0	0
Olney Library Renovation and Addition (P710301)	12,909	12,701	208	0	0	0	0	0	0	0	0	0
Silver Spring Library (P710302)	72,029	67,619	4,410	0	0	0	0	0	0	0	0	0
Clarksburg Library (P710500)	2,134	0	0	2,134	0	0	0	0	1,064	1,070	0	0
DPL Network and Telephone Infrastructure (P711401)	462	418	44	0	0	0	0	0	0	0	0	0
Library Refurbishment Level of Effort (P711502)	17,987	105	3,952	13,930	2,170	2,205	2,205	2,450	2,450	2,450	0	2,170
21st Century Library Enhancements Level Of Effort (P711503)	9,000	6	994	8,000	1,000	1,000	1,500	1,500	1,500	1,500	0	1,000
Noyes Library for Young Children Rehabilitation and Renovation (P711704)	3,100	0	0	3,100	750	2,350	0	0	0	0	0	3,050
	217,271	105,398	19,711	92,162	38,706	32,895	6,577	3,950	5,014	5,020	0	6,992
	361,950	186,921	57,006	116,437	50,119	34,544	10,803	8,746	6,265	6,160	1,586	11,612

Libraries

Culture and Recreation

* = Closeout or Pending Closeout

CIP230 - CC Approved

COUNTY GOVERNMENT

**CONSERVATION OF
NATURAL RESOURCES**

**Agricultural Land Preservation
Storm Drains
Stormwater Management**

Ag Land Pres Easements (P788911)

Category
Sub Category
Administering Agency
Planning Area

Conservation of Natural Resources
Ag Land Preservation
Economic Development (AAGE06)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,821	268	373	2,180	350	360	360	360	370	380	0
Land	6,584	4,263	527	1,794	1,124	134	134	134	134	134	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	20	20	0	0	0	0	0	0	0	0	0
Total	9,425	4,551	900	3,974	1,474	494	494	494	504	514	0

FUNDING SCHEDULE (\$000s)

Agricultural Transfer Tax	1,539	231	14	1,294	624	134	134	134	134	134	0
Contributions	1,668	1,000	10	658	510	10	10	10	10	108	0
G.O. Bonds	308	308	0	0	0	0	0	0	0	0	0
Investment Income	802	0	0	802	0	70	200	200	210	122	0
M-NCPPC Contributions	4,423	2,860	663	900	150	150	150	150	150	150	0
State Aid	685	152	213	320	190	130	0	0	0	0	0
Total	9,425	4,551	900	3,974	1,474	494	494	494	504	514	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,133
Appropriation Request Est.	FY 18	494
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,792
Expenditure / Encumbrances		4,563
Unencumbered Balance		1,751

Date First Appropriation	FY 89
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	21,961
Partial Closeout Thru	70,790
New Partial Closeout	4,552
Total Partial Closeout	75,342

Description

This project provides funds for the purchase of agricultural and conservation easements under the County Agricultural Land Preservation legislation, effective November 25, 2008, for local participation in Maryland's agricultural and conservation programs and through Executive Regulation 3-09 AM, adopted July 27, 2010. The County Agricultural Easement Program (AEP) enables the County to purchase preservation easements on farmland in the agricultural zones and in other zones approved by the County Council to preserve farmland not entirely protected by Transferable Development Rights (TDR) easements or State agricultural land preservation easements. The Maryland Agricultural Land Preservation Foundation (MALPF) enables the State to purchase preservation easements on farmland jointly by the County and State. The Rural Legacy Program (RLP) enables the State to purchase conservation easements to preserve large contiguous tracts of agricultural land. The sale of development rights easements are proffered voluntarily by the farmland owner. The project receives funding from the Agricultural Transfer Tax, which is levied when farmland is sold and removed from agricultural status. Montgomery County is a State-certified county under the provisions of State legislation, which enables the County to retain 75 percent of the taxes for local use. The County uses a portion of its share of the tax to provide matching funds for State easements. In FY10, the Building Lot Termination (BLT) program was initiated. This program represents an enhanced farmland preservation program tool to further protect land where development rights have been retained in the Agricultural Reserve-AR zone. This program utilizes a variety of revenue sources that include: Agricultural Transfer Tax revenues, MNCPPC Contributions, Developer Contributions, and G.O. Bonds to purchase the development rights and the corresponding TDRs retained on these properties.

Cost Change

Update the FY16 Ag Transfer Taxes collected in FY16 and Crown Farm payment \$500,000 received to program for easement acquisitions in FY17. Expenditure and funding schedules reflect the revised estimates for Agricultural Transfer Tax revenues, contributions, investment income, and state aid to cover planning, design, and supervision for expenses FY17-22 and the addition of FY21 and FY22 project costs.

Justification

Annotated Code of Maryland 2-501 to 2-515, Maryland Agricultural Land Preservation Foundation; Annotated Code of Maryland 13-301 to 13-308, Agricultural Land Transfer Tax; and Montgomery County Code, Chapter 2B, Agricultural Land Preservation, and Executive Regulation 3-09 AM.

Other

Ag Land Pres Easements (P788911)

FY17 estimated Planning, Design and Supervision expenditures are \$316,000. The amount includes funding for 1.0 FTE Sr. Business Development Specialist; 1.5 FTE Principal Administrative Aides; \$20,000 - Deer Donation Program; \$10,000 - Montgomery Weed Control Program; and \$50,000 for the Cooperative Extension Partnership. Appropriations are based upon a projection of Montgomery County's portion of the total amount of Agricultural Transfer Tax which has become available since the last appropriation and State Rural Legacy Program grant funding. Appropriations to this project represent a commitment of Agricultural Transfer Tax funds and State Aid to purchase agricultural easements, private contributions from the Crown Farm Annexation Agreement, and partial BLT payments made by developers for additional density in BLT receiving areas. The Agricultural Transfer Taxes are deposited into an investment income fund, the interest from which is used to fund direct administrative expenses, the purchase of easements, and other agricultural initiatives carried out by the new Office of Agriculture. The program permits the County to take title to the TDRs. These TDRs are an asset that the County may sell in the future, generating revenues for the Agricultural Land Preservation Fund. The County can use unexpended appropriations for this project to pay its share (40 percent) of the cost of easements purchased by the State. Since FY99, the County has received State RLP grant funds to purchase easements for the State through the County. The State allows County reimbursement of three percent for direct administrative costs such as appraisals, title searches, surveys, and legal fees. Given changes to the Federal Program, new Federal Aid funds are no longer programmed in this project. The traditional funding sources for this project are no longer sustainable. Easement acquisition opportunities will be considered on a case-by-case approach while alternative funding sources are identified.

Fiscal Note

Expenditures do not reflect additional authorized payments made from the Agricultural Land Preservation Fund balance to increase financial incentives for landowners.

Disclosures

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Montgomery County Office of Agriculture, State of Maryland Agricultural Land Preservation Foundation, State of Maryland Department of Natural Resources, Maryland-National Capital Park and Planning Commission, and landowners.

Facility Planning: Storm Drains (P508180)

Category Conservation of Natural Resources
 Sub Category Storm Drains
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	6,760	4,694	326	1,740	290	290	290	290	290	290	0
Land	142	142	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	37	37	0	0	0	0	0	0	0	0	0
Other	5	5	0	0	0	0	0	0	0	0	0
Total	6,944	4,878	326	1,740	290	290	290	290	290	290	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	4,103	4,103	0	0	0	0	0	0	0	0	0
G.O. Bonds	101	101	0	0	0	0	0	0	0	0	0
Water Quality Protection Charge	2,740	674	326	1,740	290	290	290	290	290	290	0
Total	6,944	4,878	326	1,740	290	290	290	290	290	290	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	290
Appropriation Request Est.	FY 18	290
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,204
Expenditure / Encumbrances		4,888
Unencumbered Balance		316

Date First Appropriation	FY 81
First Cost Estimate	
Current Scope	FY 17 6,944
Last FY's Cost Estimate	6,364

Description

This project provides for the investigation and analysis of various storm drainage assistance requests initiated by private citizens and public agencies. These requests are related to the design, construction, and operation of public drainage facilities where flooding and erosion occur. This project includes expenditures for the preliminary and final design and land acquisition for storm drain projects prior to inclusion in the Storm Drain General project, or as a stand-alone project in the CIP. Prior to its inclusion in the CIP, the Department of Transportation (DOT) will conduct a feasibility study to determine the general and specific features required for the project. Candidate projects currently are evaluated from the Drainage Assistance Request list. As part of the facility planning process, DOT considers citizen and public agency requests and undertakes a comprehensive analysis of storm drainage issues and problems being experienced in the County. This analysis is used to select areas where a comprehensive long-term plan for the remediation of a problem may be required. No construction activities are performed in this project. When a design is 35 percent complete, an evaluation is performed to determine if right-of-way is needed. Based on the need for right-of-way, the project may proceed to final design and the preparation of right-of-way plats under this project. The cost of right-of-way acquisition will be charged to the Advanced Land Acquisition Revolving Fund (ALARF). When designs are complete, projects with a construction cost under \$500,000 will be constructed in the Storm Drain General project. Projects with a construction cost over \$500,000 will be constructed in stand-alone projects.

Capacity

Projects will be designed to accommodate the ten year storm frequency interval.

Cost Change

Increase due to the addition of FY21 and FY22 to this on-going level of effort project

Justification

Evaluation, justification, and cost-benefit analysis are completed by DOT as necessary. In the case of participation projects, drainage studies and preliminary plans will be prepared by the requestor's engineer and reviewed by DOT. A review of impacts to pedestrians, bicyclists, and ADA (Americans with Disabilities Act of 1991) is being performed and addressed for each subproject in this project. Traffic signals, streetlights, crosswalks, bus stops, ADA ramps, bikeways and other pertinent issues are being considered in the design of the project to ensure pedestrian safety.

Other

Facility Planning: Storm Drains (P508180)

Before being added as a sub-project, concept studies are evaluated based on the following factors: public safety, damage to private property, frequency of event, damage to public right-of-way, environmental factors such as erosion, general public benefit, availability of right-of-way and 5:1 cost benefit ratio. In the case of public safety or severe damage to private property, the 5:1 cost benefit damage prevented ratio can be waived. Drainage assistance requests are evaluated on a continuing basis in response to public requests. DOT maintains a database of complaints. Construction projects completed: Linton St-Patton Dr, Hollywood Ave, Jamieson Dr, Langley Dr at Kimes St, Dorset Ave, Sangamore Rd at Madawaska Rd, Northfield Rd, Hampton Ln, Tomlinson Ave at 77th St, 78th St at Macarthur Blvd, Nebel St at Old Georgetown Rd, Piney Meetinghouse Rd, Devon Rd, Falmouth Rd at Blakeford Ct, Garnett Dr, Chapel Hill Rd, Elkhart St, Ridgefield Rd, Iroquois Rd, Edson Ln at Edson park Pl, Armat Dr, Langdrum Ln, Westlake Dr, Barkwater Ct, Falls Rd, Graybill Dr, Old Bonifant Rd, Hornbeam Dr, Rosemere Ave, Decatur Ave, Diamondback Dr, Berryville Rd, Marlow Rd, Ellsworth Dr, Verne St to Wynkoop Blvd, East Melbourne Ave, Greenwood Ave and Division St. Candidate Projects for FY17 and FY18: 80th Street, Norvale Road, Sherwood Forest, 83rd Street, Forest Road

Disclosures

A pedestrian impact analysis has been completed for this project.

Expenditures will continue indefinitely.

Coordination

Montgomery County Department of Environmental Protection, Maryland-National Capital Park and Planning Commission, Maryland Department of the Environment, United States Army Corps of Engineers, Montgomery County Department of Permitting Services, Utility Companies, Annual Sidewalk Program (CIP No. 506747)

Glen Echo Storm Drain (P509637)

Category Conservation of Natural Resources
 Sub Category Storm Drains
 Administering Agency Transportation (AAGE30)
 Planning Area Bethesda-Chevy Chase

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	184	184	0	0	0	0	0	0	0	0	0
Land	160	160	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	285	285	0	0	0	0	0	0	0	0	0
Other	1	1	0	0	0	0	0	0	0	0	0
Total	630	630	0	0	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	625	625	0	0	0	0	0	0	0	0	0
Intergovernmental	5	5	0	0	0	0	0	0	0	0	0
Total	630	630	0	0	0	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		630
Expenditure / Encumbrances		630
Unencumbered Balance		0

Date First Appropriation	FY 96	
First Cost Estimate		
Current Scope	FY 15	630
Last FY's Cost Estimate		630

Description

This project provides for design and construction of a new storm drain system located along Bryn Mawr Avenue and the replacement of the existing system on University Avenue to the outfall at Clara Barton Parkway. The new storm drain system and replacement system will include inlets and reinforced concrete pipes. The existing failing system is located within private backyards, without public easements. The improvements will collect runoff from MacArthur Boulevard and redirect it around the portion of the existing system where easements are not possible.

Cost Change

The cost increase is due to the addition of the land costs which were previously paid by ALARF.

Justification

A large sink hole opened up behind the properties on Harvard Avenue due to the collapse of an existing clay pipe. A temporary plastic pipe was installed. This project will provide a more permanent drainage solution. The Town of Glen Echo commissioned a study to analyze the Town's storm drain needs. The study determined that the existing pipes were undersized. Town officials requested that a replacement system be designed and built.

Other

The project scope remains the same. The Intergovernmental funding represents reimbursement from WSSC for its share of relocation costs of their facilities. The construction start date has been delayed to FY03 to allow time for the acquisition of all easements through the appropriate legal procedures.

Coordination

Town of Glen Echo , WSSC, Department of Permitting Services , Soil Conservation Service, M-NCPPC , National Park Service, Utility Companies ,

Henderson Avenue Storm Drain & Roadway Improvement (P501108)

Category Conservation of Natural Resources
Sub Category Storm Drains
Administering Agency Transportation (AAGE30)
Planning Area Kensington-Wheaton

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Final Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	204	181	23	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	11	11	0	0	0	0	0	0	0	0
Construction	2,055	2,055	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	2,270	2,247	23	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	2,247	2,247	0	0	0	0	0	0	0	0
Intergovernmental	23	0	23	0	0	0	0	0	0	0
Total	2,270	2,247	23	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				4	1	1	1	1	0	0
Net Impact				4	1	1	1	1	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,270
Expenditure / Encumbrances		2,250
Unencumbered Balance		20

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY 11 2,270
Last FY's Cost Estimate	2,270

Description

This project provides for reconstruction of full depth pavement and construction of storm drain improvements along Henderson Avenue from east of Georgia Avenue to its terminus at Wheaton Regional Park. The specific improvements include construction of storm drain system, curb and gutters, bio retention facilities, and reconstruction/resurfacing of the roadway surface within a typical 25-foot roadway section.

Capacity

The storm drain design is based on the ten-year storm frequency interval.

Estimated Schedule

Design to be completed in the fall of 2010. Utility relocations to commence in the winter of 2010 and take approximately six months to complete. Construction to start in the summer of 2011 and take approximately 12 months to complete.

Justification

The community has experienced severe flooding of the road, yards, driveways, and garages during rain storms and has repeatedly requested storm drain improvements. The community submitted a petition to the Office of the County Executive to request improvements to the poor drainage condition in the area and deteriorated pavement of Henderson Avenue. As a result of the petition, the design of this project started under Facility Planning: Storm Drains (CIP No. 508180). This project is to alleviate inundation and stagnating water on private properties along Henderson Avenue from east of Georgia Avenue to its terminus at Wheaton Regional Park (approximate length of 2200 linear feet). The installation of proposed storm drain system is followed by the reconstruction/resurfacing of the pavement section. The project would benefit all 40 residences in the community, which are impacted by storm events.

Other

The project has been designed under Facility Planning: Storm Drains (CIP No. 508180). Intergovernmental represents Washington Suburban Sanitary Commission's share of utility adjustment costs.

Fiscal Note

Intergovernmental revenue is from the Washington Suburban Sanitary Commission for its agreed share of water and sewer relocation costs.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland-National Capital Park and Planning Commission, Department of Parks, Maryland State Highway Administration (MSHA), Department of Transportation, Department Technology Services, Department of Permitting Services, Washington Suburban Sanitary Commission, Washington Gas, Pepco, Verizon

Maple Avenue Storm Drain & Roadway Improvements (P501100)

Category Conservation of Natural Resources
 Sub Category Storm Drains
 Administering Agency Transportation (AAGE30)
 Planning Area Bethesda-Chevy Chase

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	739	739	0	0	0	0	0	0	0	0
Land	82	36	46	0	0	0	0	0	0	0
Site Improvements and Utilities	10	0	10	0	0	0	0	0	0	0
Construction	789	789	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	1,620	1,564	56	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	1,510	1,510	0	0	0	0	0	0	0	0
Intergovernmental	110	54	56	0	0	0	0	0	0	0
Total	1,620	1,564	56	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				4	1	1	1	1	0	0
Net Impact				4	1	1	1	1	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,620
Expenditure / Encumbrances		1,564
Unencumbered Balance		56

Date First Appropriation	FY 11	
First Cost Estimate		
Current Scope	FY 11	1,620
Last FY's Cost Estimate		1,620

Description

This project provides for reconstruction of full depth pavement and construction of storm drain improvements along Maple Avenue from Tilbury Street to about 200 linear feet east of Maryland Avenue (approximate length of 1,100 linear feet). The specific improvements will include reconstruction and resurfacing of the roadway, curb and gutters within a 22-foot roadway section, storm drain system (inlets and drain pipes), and adjustment of existing inlets.

Capacity

The storm drain design is based on the ten-year storm frequency interval.

Estimated Schedule

Design commenced in the summer of 2010 and will be completed by the Winter of 2011. Construction is expected to start in the Fall of 2012 and take approximately 12 months to complete.

Justification

The community has experienced severe flooding of the sidewalks, yards, driveways, garages and basements during rain storms and has requested storm drain improvements. This project is to alleviate stagnating water on the sidewalk and inundation of dwellings along Maple Avenue from Tilbury Street to Maryland Avenue. The installation of the proposed storm drain system is followed by the reconstruction/resurfacing of the pavement section. The project would benefit all 24 residences in the community.

Fiscal Note

Intergovernmental revenue is from the Washington Suburban Sanitary Commission for its agreed share of water and sewer relocation costs.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland-National Capital Park and Planning Commission, Department of Transportation, Department of Permitting Services, Washington Suburban Sanitary Commission, Washington Gas, Pepco, Verizon

Outfall Repairs (P509948)

Category Conservation of Natural Resources
 Sub Category Storm Drains
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	3,679	1,231	828	1,620	270	270	270	270	270	270	0
Land	12	12	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	5,287	3,902	233	1,152	192	192	192	192	192	192	0
Other	3	3	0	0	0	0	0	0	0	0	0
Total	8,981	5,148	1,061	2,772	462	462	462	462	462	462	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	5,357	5,148	209	0	0	0	0	0	0	0	0
Water Quality Protection Bonds	2,772	0	0	2,772	462	462	462	462	462	462	0
Water Quality Protection Charge	852	0	852	0	0	0	0	0	0	0	0
Total	8,981	5,148	1,061	2,772	462	462	462	462	462	462	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	462
Appropriation Request Est.	FY 18	462
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		6,209
Expenditure / Encumbrances		5,392
Unencumbered Balance		817

Date First Appropriation	FY 99
First Cost Estimate	
Current Scope	FY 17 8,981
Last FY's Cost Estimate	8,057

Description

This project provides for the repair of existing storm drain outfalls into stream valleys. Design of corrective measures is included when in-kind replacement of original outfall structures is not feasible. Candidate outfall repairs are selected from citizen and public agency requests. The Department of Environmental Protection's (DEP) Miscellaneous Stream Valley Improvements project generates and assists in rating the outfalls, which are identified as that project expands into additional watersheds.

Cost Change

Increase due to the addition of FY21-22 to this on-going level of effort project

Justification

Collapsed storm drain pipe sections, undermined endwalls, and eroded outfall channels create hazardous conditions throughout the County. The course of drainage could be altered endangering private property or public roads and speeding the erosion of stream channels. Erosion from damaged outfalls results in heavy sediment load being carried downstream that can severely impact aquatic ecosystems and exacerbate existing downstream channel erosion. As part of its watershed restoration inventories, DEP identifies storm drain outfalls that are in need of repair in County stream valleys and respective watersheds. As this program expands to include additional watersheds, each outfall is categorized and, where damaged, rated. A functional rating and evaluation process is used to prioritize each outfall.

Other

The number of outfall locations being repaired per year varies based on the severity of the erosion and damage, the complexity of the design, and the complexity of the needed restorative construction work. Completed outfalls in FY14-15: 11101 Schuylkill Road, 10688 Maple Leaf Drive, 20232 Maple Leaf Court, 9112 Falls Bridge Lane, Holman Avenue, 14700 Lake Terrace Court, 8500 Freyman Drive, and Culvert Outfall Repair At Locksley Lane. Scheduled for repairs (FY16 - beyond): Dartmouth Avenue, Harvard Street, 7600 Rosdhu Court, and 9124 Hollyoak Drive.

Fiscal Note

Funding source changed from General Obligation Bonds to Water Quality Protection Charge (FY15 and FY16) and Water Quality Protection Bonds (FY17-22).

Disclosures

A pedestrian impact analysis has been completed for this project.

Expenditures will continue indefinitely.

Coordination

Department of Environmental Protection, Maryland-National Capital Park and Planning Commission, Maryland Department of the Environment, United States Army Corps of Engineers, Montgomery County Department of Permitting Services, Utility Companies, Miscellaneous Stream Valley Improvements

Sonoma / Ayrilawn Storm Drain Improvements (P500509)

Category Conservation of Natural Resources
 Sub Category Storm Drains
 Administering Agency Transportation (AAGE30)
 Planning Area Bethesda-Chevy Chase

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,025	1,025	0	0	0	0	0	0	0	0
Land	16	16	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	2,357	2,355	2	0	0	0	0	0	0	0
Other	3	3	0	0	0	0	0	0	0	0
Total	3,401	3,399	2	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	3,076	3,076	0	0	0	0	0	0	0	0
Intergovernmental	325	323	2	0	0	0	0	0	0	0
Total	3,401	3,399	2	0	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,401
Expenditure / Encumbrances		3,399
Unencumbered Balance		2

Date First Appropriation	FY 05
First Cost Estimate	
Current Scope	FY07 3,401
Last FY's Cost Estimate	3,401

Description

This project provides a replacement storm drain system for the existing inadequate surface drainage ditches which run along the edge of roads and on private properties in the Ayrilawn area and cause inundation of the roadway, sidewalks and private properties. The project will include approximately 8,400 linear feet of concrete curb and gutter, 14 inlets and manholes, approximately 1,800 linear feet of storm drain pipe, and the reconstruction and resurfacing of approximately 4,400 linear feet of two-lane streets. Preliminary design was funded from the Facility Planning Storm Drain Project in FY03 and has been completed.

Cost Change

Decrease cost due to a transfer of \$292,000 to the Facility Planning Bridges Project No. 509132 for the increase cost of a traffic study and pedestrian bridge for the Cedar Lane Bridge Project #M-0074.

Justification

Private properties, sidewalks, and portions of the roadways within the project area are inundated during every rainfall event. Based on the request of the community, storm drain improvements are provided to address the problem. This project addresses the inundation of properties from roadway runoff entering yards and to improve drainage in the area. The project will benefit all 84 residences in the community. This project has been developed based on repeated requests from area residents under the Drainage Assistance Request (DAR) program.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Department of Permitting Services, Utility Companies, Neighborhood Storm Drain Repairs, Facility Planning: Storm Drains

Storm Drain Culvert Replacement (P501470)

Category
Sub Category
Administering Agency
Planning Area

Conservation of Natural Resources
Storm Drains
Transportation (AAGE30)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,905	236	589	1,080	180	180	180	180	180	180	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	10,793	2,071	2,602	6,120	1,020	1,020	1,020	1,020	1,020	1,020	0
Other	2	2	0	0	0	0	0	0	0	0	0
Total	12,700	2,309	3,191	7,200	1,200	1,200	1,200	1,200	1,200	1,200	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	1,500	1,500	0	0	0	0	0	0	0	0	0
Water Quality Protection Bonds	7,200	0	0	7,200	1,200	1,200	1,200	1,200	1,200	1,200	0
Water Quality Protection Charge	4,000	809	3,191	0	0	0	0	0	0	0	0
Total	12,700	2,309	3,191	7,200	1,200	1,200	1,200	1,200	1,200	1,200	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,200
Appropriation Request Est.	FY 18	1,200
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,500
Expenditure / Encumbrances		2,479
Unencumbered Balance		3,021

Date First Appropriation	FY 14
First Cost Estimate	
Current Scope	FY 17 12,700
Last FY's Cost Estimate	8,700

Description

This program will provide for the replacement of failed storm drain pipes and culverts. The County's storm drain infrastructure is aging and many of the metal pipe culverts installed from 1960 through the 1990's have reached the end of their service life. Currently no asset inventory with condition assessment exists; therefore no funding is programmed for systematic replacement of these pipes and culverts. This program will provide for emergency culvert replacement and provide for funding to assist in the development of an asset inventory program to better forecast future replacement needs. This program includes: storm water pipe and culvert replacement of both metal and concrete less than six (6) feet in roadway longitudinal length (structures greater than six feet roadway longitudinal length are repaired under the Bridge Renovation Program, CIP#509753), headwalls, end sections, replacement, or extension of culverts to assure positive flow of storm water and channeling of storm water into existing ditch lines or structures. Repairs also include roadside pipe and culvert end treatment safety improvements to eliminate safety hazards. This project will not make major changes to the location or size of existing storm drainage structures.

Cost Change

Addition of FY21 and FY22 to this ongoing project

Justification

This program will address emergency pipe replacements of aging metal and concrete pipes that have reached the end of their service life. The result of these pipe failures has been deep depressions, sinkholes, sediment build up, open pipe joints and metal pipe inverts to an unacceptable levels. Existing storm drain conditions are extremely poor. Repairs are needed to improve safety and reduce the potential for hazards and associated public inconvenience. Failure of a storm drain pipe will precipitate emergency repairs at much higher prices. Further, this program will provide some funding towards the development of an asset inventory of the storm drain system including pipe and culvert conditions for future funding forecasting.

Disclosures

Expenditures will continue indefinitely.

Coordination

Washington Suburban Sanitary Commission, Washington Gas Company, Department of Permitting Services, Pepco, Cable TV, Verizon, Montgomery County Public Schools, Regional Service Centers, Community Associations, Commission on People With Disabilities, Maryland Department of Environment, Montgomery County Department of Environmental Protection, Army Corps of Engineers

Storm Drain General (P500320)

Category Conservation of Natural Resources
Sub Category Storm Drains
Administering Agency Transportation (AAGE30)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	3,824	1,400	0	2,424	404	404	404	404	404	404	0
Land	58	58	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	12,400	9,483	217	2,700	450	450	450	450	450	450	0
Other	1	1	0	0	0	0	0	0	0	0	0
Total	16,283	10,942	217	5,124	854	854	854	854	854	854	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	9,169	9,169	0	0	0	0	0	0	0	0	0
Intergovernmental	228	223	5	0	0	0	0	0	0	0	0
State Aid	162	162	0	0	0	0	0	0	0	0	0
Water Quality Protection Bonds	5,124	0	0	5,124	854	854	854	854	854	854	0
Water Quality Protection Charge	1,600	1,388	212	0	0	0	0	0	0	0	0
Total	16,283	10,942	217	5,124	854	854	854	854	854	854	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,708
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		11,159
Expenditure / Encumbrances		10,945
Unencumbered Balance		214

Date First Appropriation	FY 03
First Cost Estimate	
Current Scope	FY 17 16,283
Last FY's Cost Estimate	14,575

Description

This project provides the flexibility to construct various sub-projects that might otherwise be delayed for lack of funds or difficulty in acquiring right-of-way. This project provides for right-of-way acquisition and construction for storm drain projects resulting from the Drainage Assistance Request program. Individual projects range from retrofitting existing storm drainage systems to developing new drainage systems required to upgrade the existing systems in older subdivisions. Projects formerly handled through the Neighborhood Storm Drain Improvements project are usually small, unanticipated projects initiated by requests from citizens whose homes and properties are subject to severe flooding or erosion and where there is a demonstrated need for early relief. Potential new storm drain projects are studied under the Facility Planning: Storm Drain project. Concept studies are evaluated based on the following factors: public safety, damage to private property and frequency of event, damage to public right-of-way, environmental factors such as erosion, general public benefit, availability of right-of-way and 5:1 cost benefit damage prevented ratio. After the completion of facility planning, projects with construction estimated to cost less than \$500,000 are included in this project. Prompt relief is frequently achieved by the use of Department of Transportation (DOT) personnel to construct and provide construction management. The project also facilitates financial participation with developers up to 50 percent share of construction cost for storm drainage projects where such construction would yield a public benefit to properties other than that of homeowner or developers. Right-of-way is acquired under the Advanced Land Acquisition Revolving Fund (ALARF).

Capacity

Projects will be designed to accommodate the ten year storm frequency interval.

Cost Change

Increase due to the addition of FY21-22 to this on-going level of effort project

Other

On Participation projects cost sharing between the County and either homeowners or developers varies and is based upon a signed Letter of Understanding. Some funds from this project will go to support the Renew Montgomery program. Completed Projects in FY14 And FY15: Linton St-Patton Dr, Hollywood Ave, Jamieson Dr, Langley Dr At Kimes St, Dorset Ave, Sangamore Rd At Madawaska Rd, Northfield Rd, Hampton Ln, Tomlinson Ave At 77th St, 78th St At Macarthur Blvd, Nebel St At Old Georgetown Rd, Piney Meetinghouse Rd, Devon Rd, Falmouth Rd At Blakeford Ct, Garnett Dr, Chapel Hill Rd, Elkhart St, Ridgefield Rd, Iroquois Rd, Edson Ln At Edson Park Pl, Armat Dr, Langdrum Ln, Westlake Dr, Barkwater Ct, Falls Rd, Graybill Dr, Old Bonifant Rd, Hornbeam Dr, Rosemere Ave, Decatur Ave, Diamondback Dr, Berryville Rd, Marlow Rd, Ellsworth Dr, Verne St To Wynkoop Blvd, East Melbourne Ave, Greenwood Ave And Division St. Potential Future projects: 80th Street, Norvale Road, Sherwood Forest, 83rd Street, Forest Road

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Storm Drain General (P500320)

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Montgomery County Department of Environmental Protection , Maryland-National Capital Park & Planning Commission , Maryland Department of the Environment , United States Army Corps of Engineers , Montgomery County Department of Permitting Services , Utility Companies , Annual Sidewalk Program

Town of Chevy Chase Storm Drain Improvements (P500808)

Category	Conservation of Natural Resources	Date Last Modified	11/17/14
Sub Category	Storm Drains	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Bethesda-Chevy Chase	Status	Final Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,163	1,164	-1	0	0	0	0	0	0	0
Land	8	8	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	2,089	2,086	3	0	0	0	0	0	0	0
Other	2	2	0	0	0	0	0	0	0	0
Total	3,262	3,260	2	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	3,262	3,260	2	0	0	0	0	0	0	0
Total	3,262	3,260	2	0	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,262
Expenditure / Encumbrances		3,260
Unencumbered Balance		2

Date First Appropriation	FY 08	
First Cost Estimate		
Current Scope	FY 13	3,262
Last FY's Cost Estimate		3,262

Description

This project provides for the evaluation of the drainage conditions within the Town of Chevy Chase and construction in the four most critical sectors. The Town is divided into fourteen drainage areas (sectors). Design for four sectors was completed in the Facility Planning: Storm Drain project. Ten sectors will be evaluated in two additional phases and if the existing facilities are found to be inadequate, design will be developed for the necessary drainage improvements. Phase 2 will implement the needed drainage improvements in the northwest part of the town. Phase 3 will address the remaining areas along the east side of the town.

Estimated Schedule

Design for phase 2 is complete. Construction for phase 2 is expected to commence by the summer of 2010 and take approximately 12 months to complete. Design and construction of phase 3 will be completed in FY13.

Cost Change

Increase due to the addition of overhead costs.

Justification

Private properties and portions of the roadways within the Town of Chevy Chase are inundated during every rainfall event. This project was initiated at the request of the Town of Chevy Chase to address these severe drainage deficiencies. Construction for the four sectors in FY08 included improvements along East Avenue, Oakridge Avenue, Maple Avenue, Thornapple Street, Stanford Street, Chatham Road, Meadow Lane, Blackthorn Street, Woodbine Street, Leland Street, and Aspen Street. These improvements were completed in Phase I; Evaluation of the drainage conditions in the remainder of the town was completed in FY09. Design was developed for the remaining needed drainage improvements in the town; design and construction of Phase II was completed in FY11 and included Willow Lane, 46th Street, 44th Street, and Leland Street. Construction funding for Phase III of the project to address the remaining sectors in the east side of the town is included in the current budget submission.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Facility Planning: Storm Drains, Town of Chevy Chase, Department of Permitting Services, Washington Suburban Sanitary Commission, Washington Gas, Utility Companies

Facility Planning: SM.(P809319)

Category Conservation of Natural Resources
 Sub Category Stormwater Management
 Administering Agency Environmental Protection (AAGE07)
 Planning Area Countywide

Date Last Modified 5/5/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	17,599	10,387	541	6,671	2,126	1,323	997	773	799	653	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	91	91	0	0	0	0	0	0	0	0	0
Total	17,690	10,478	541	6,671	2,126	1,323	997	773	799	653	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	5,000	5,000	0	-0	0	0	0	0	0	0	0
State Aid	140	140	0	0	0	0	0	0	0	0	0
Stormwater Management Waiver Fees	797	797	0	0	0	0	0	0	0	0	0
Water Quality Protection Charge	11,753	4,541	541	6,671	2,126	1,323	997	773	799	653	0
Total	17,690	10,478	541	6,671	2,126	1,323	997	773	799	653	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	4
Appropriation Request Est.	FY 18	1,323
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		13,141
Expenditure / Encumbrances		10,606
Unencumbered Balance		2,535

Date First Appropriation	FY 93
First Cost Estimate	
Current Scope	FY 17 17,690
Last FY's Cost Estimate	17,497

Description

This project provides for facility planning and feasibility studies to evaluate watershed conservation needs and to identify remedial project alternatives for stormwater management, stormwater retrofit, Environmental Site Design (ESD)/Low Impact Development (LID), and stream restoration projects. Projects in facility planning may include the preparation of watershed plans assessing stream restoration, stormwater management retrofit projects, and LID and ESD projects to help mitigate degraded stream conditions in rural and developed watersheds. Water quality monitoring and analysis is required to quantify impacts of watershed development and projects implemented in Retrofit SM Government Facilities (No. 800900), SM Retrofit Roads (No. 801300), SM Retrofit Schools (No. 801301), SM Retrofit Countywide (No. 808726), and Misc Stream Valley Improvements (No. 807359). The projects generated in facility planning support the requirements in the County's Municipal Separate Storm Sewer System (MS4) Permit. Facility planning represents planning and preliminary design and develops a program of requirements in advance of full programming of a project. This project also provides for operation of automated fixed monitoring stations as required by the MS4 Permit.

Cost Change

Cost increases reflect anticipated implementation schedule including the addition of FY21 and FY22.

Justification

The Facility Planning products support the requirements outlined in the County's MS4 Permit as detailed in the Montgomery County Coordinated Implementation Strategy (CCIS). This project establishes the facilities planning data and alternatives analysis needed to identify and set priorities for individual capital projects. Facility planning costs for projects which are ultimately included in stand-alone Project Description Forms (PDFs) are reflected here and not in the resulting individual project. Future individual CIP projects which result from facility planning will each reflect reduced planning and design costs.

Fiscal Note

FY17-22 funding has been adjusted to better reflect anticipated annual spending. Expenditures in the outyears include expected costs to meet the requirements of the County's next MS4 permit. The scope of the next MS4 permit is subject to negotiation with the Maryland Department of Environment. Expenditures also include activities associated with increased emphasis on Green Infrastructure methods in MS4 projects.

Disclosures

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Facility Planning: SM (P809319)

Maryland-National Capital Park and Planning Commission, U. S. Army Corps of Engineers, Washington Suburban Sanitary Commission, Department of Transportation, Montgomery County Public Schools, SM Retrofit Government Facilities (No. 800900), SM Retrofit Roads (No. 801300), SM Retrofit Schools (No. 801301), SM Retrofit Countywide (No. 808726), Misc. Stream Valley Improvements (No. 807359).

Misc Stream Valley Improvements (P807359)

Category
Sub Category
Administering Agency
Planning Area

Conservation of Natural Resources
Stormwater Management
Environmental Protection (AAGE07)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/5/16
No
None
Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	17,683	1,444	2,252	13,987	2,459	2,732	2,892	2,859	1,814	1,231	0
Land	40	2	38	0	0	0	0	0	0	0	0
Site Improvements and Utilities	7	1	6	0	0	0	0	0	0	0	0
Construction	52,494	2,653	2,555	47,286	6,421	8,220	9,679	10,857	6,734	5,375	0
Other	35	35	0	0	0	0	0	0	0	0	0
Total	70,259	4,135	4,851	61,273	8,880	10,952	12,571	13,716	8,548	6,606	0
FUNDING SCHEDULE (\$000s)											
State Aid	9,560	2,799	761	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Stormwater Management Waiver Fees	2,171	0	971	1,200	200	200	200	200	200	200	0
Water Quality Protection Bonds	58,528	1,336	3,119	54,073	7,680	9,752	11,371	12,516	7,348	5,406	0
Total	70,259	4,135	4,851	61,273	8,880	10,952	12,571	13,716	8,548	6,606	0
OPERATING BUDGET IMPACT (\$000s)											
Maintenance				95	15	20	25	15	10	10	
Net Impact				95	15	20	25	15	10	10	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	13,951
Appropriation Request Est.	FY 18	8,620
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		15,376
Expenditure / Encumbrances		7,406
Unencumbered Balance		7,970

Date First Appropriation	FY 73
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	70,259
	47,373

Description

This project provides for design and construction of habitat restoration or stabilization measures for stream reaches having significant channel erosion, sedimentation, and habitat degradation. Developed areas constructed without current stormwater controls contribute uncontrolled runoff which results in eroded streambanks, excessive sediment, tree loss, and degraded habitat for fish and aquatic life. Stormdrain outfalls damaged from severe erosion are identified and, where possible, the outfalls are repaired as part of stream restoration projects - funded from the Outfall Repairs project (No. 509948). Stream deterioration can also adversely affect sanitary sewer crossings by exposing sewer lines and manholes, which in turn can be fish barriers and leak raw sewage into streams or allow infiltration of stream baseflow into the sewer system, potentially causing substantial increases in wastewater treatment costs.

Cost Change

Cost increases reflect anticipated implementation schedule including the addition of FY21 and FY22 partially offset by capitalization of prior expenditures.

Justification

The project supports the requirements of the County's MS4 permit and addresses the goals of the Chesapeake Bay Watershed Agreement, Anacostia Watershed Restoration Agreement, and the County's adopted water quality goals (Chapter 19, Article IV). The project will stabilize and improve local stream habitat conditions where streams have been damaged by inadequately controlled stormwater runoff. Corrective measures constructed or coordinated under this project include stream bank stabilization, channel modifications, habitat restoration, storm drain outfall or sanitary sewer infrastructure repairs to improve fish and other biological resources, while reducing sediment and nutrient loadings caused by excessive streambank erosion. The Facility Planning: SM project (No. 809319) includes funds for watershed studies and identifies and prioritizes stream reaches in need of restoration and protection.

Other

The Department of Environmental Protection identifies damaged sewer lines as part of this project, and the Washington Suburban Sanitary Commission makes sewer repairs during project construction. Projects planned for design and construction include Bel Pre Creek I, Bedfordshire and Fallsreach, Muddy Branch I, Great Seneca (GSGN 205), Grosvenor Tributary, Stonybrook Tributary, Cinnamon Woods stream, Lower Snowden & Falling Creek, Plum Gar stream, Old Farm 6 (Neilwood Drive), Stoneridge & Clearspring, and Derby Ridge & Glenallen.

Fiscal Note

Misc Stream Valley Improvements (P807359)

While the State of Maryland has indicated a desire to provide funding, all indicated State Aid is preliminary and not committed. Funding may need to be revised based on actual State Aid commitments. In FY17, funding from the Water Quality Protection Charge replaced some funding previously allocated to Water Quality Protection Bonds. Expenditures in the outyears include expected costs to meet the requirements of the County's next MS4 permit. The scope of the next MS4 permit is subject to negotiation with the Maryland Department of Environment. Expenditures also include activities associated with increased emphasis on Green Infrastructure methods in MS4 projects.

Disclosures

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Department of Transportation, Maryland-National Capital Park and Planning Commission, Washington Suburban Sanitary Commission, Department of Permitting Services, Maryland Department of the Environment, Maryland Department of Natural Resources.

SM Facility Major Structural Repair (P800700)

Category Conservation of Natural Resources
Sub Category Stormwater Management
Administering Agency Environmental Protection (AAGE07)
Planning Area Countywide

Date Last Modified 5/5/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	11,225	2,592	1,494	7,139	1,408	1,304	1,169	885	1,102	1,271	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	25,954	4,513	6,870	14,571	3,221	2,100	1,000	2,700	3,750	1,800	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	37,179	7,105	8,364	21,710	4,629	3,404	2,169	3,585	4,852	3,071	0

FUNDING SCHEDULE (\$000s)

State Aid	905	399	506	0	0	0	0	0	0	0	0
Water Quality Protection Bonds	27,786	3,706	3,876	20,204	3,123	3,404	2,169	3,585	4,852	3,071	0
Water Quality Protection Charge	8,488	3,000	3,982	1,506	1,506	0	0	0	0	0	0
Total	37,179	7,105	8,364	21,710	4,629	3,404	2,169	3,585	4,852	3,071	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	3,643
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		21,488
Expenditure / Encumbrances		12,857
Unencumbered Balance		8,631

Date First Appropriation	FY 07	
First Cost Estimate		
Current Scope	FY 17	37,179
Last FY's Cost Estimate		31,735

Description

This project provides for the design and construction of major structural repairs to County maintained stormwater management facilities. The County is responsible for structural maintenance of over 4,200 stormwater management facilities. Major structural repairs can include, dredging and removing sediment, removal and replacement or relining of failing pipes and principal spillways, replacing failing riser structures and repairing failing dam embankments. The repair work under this project is more significant than routine maintenance and requires engineering analysis and design, and application for Federal, State, and local permitting. Major structural repairs that may include a retrofit would also include partial funding for the retrofit under the SM Retrofit: Countywide project (No. 808726).

Cost Change

Cost increases reflect anticipated implementation schedule including the addition of FY21 and FY22.

Justification

This project provides for major structural repairs in order to comply with the County's MS4 permit. It is limited to funding repairs at facilities that require extensive engineering design and permitting that cannot be accomplished within a single fiscal year due to the time required to obtain State and Federal permits.

Other

Projects include: Quince Orchard Manor (Quince Orchard Valley Neighborhood Park), Lake Whetstone, Chadswood, B'nai Israel, Gunners Lake, Colony Pond, Persimmon Tree, Wheaton Branch, Oaks Pond, Peachwood, Hallowell, Railroad Branch, Tamarak, Oakhurst, Home Depot (Aspen Hill) and Garfield Retrofit.

Fiscal Note

No State Aid is assumed for this project in FY17-22. In FY17, funding from the Water Quality Protection Charge was increased reducing the need for Water Quality Protection Bonds.

Disclosures

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Department of Transportation, Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Homeowners Associations, Montgomery County Public Schools, Department of General Services, Maryland State Highway Administration, SM Retrofit: Countywide (No. 808726), Maryland Department of Natural Resources.

SM Retrofit: Countywide (P808726)

Category Conservation of Natural Resources
Sub Category Stormwater Management
Administering Agency Environmental Protection (AAGE07)
Planning Area Countywide

Date Last Modified 5/5/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	56,703	5,381	9,668	41,654	7,841	8,686	6,781	6,669	5,842	5,835	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	69,846	1,740	11,980	56,126	14,098	10,539	12,644	11,331	3,812	3,702	0
Other	29	29	0	0	0	0	0	0	0	0	0
Total	126,578	7,150	21,648	97,780	21,939	19,225	19,425	18,000	9,654	9,537	0

FUNDING SCHEDULE (\$000s)											
Federal Aid	0	0	0	0	0	0	0	0	0	0	0
Federal Stimulus	0	0	0	0	0	0	0	0	0	0	0
State Aid	13,937	38	1,899	12,000	2,000	2,000	2,000	2,000	2,000	2,000	0
Water Quality Protection Bonds	105,015	7,112	15,467	82,436	16,595	17,225	17,425	16,000	7,654	7,537	0
Water Quality Protection Charge	7,626	0	4,282	3,344	3,344	0	0	0	0	0	0
Total	126,578	7,150	21,648	97,780	21,939	19,225	19,425	18,000	9,654	9,537	0

OPERATING BUDGET IMPACT (\$000s)											
Maintenance				56	14	11	13	11	4	4	
Net Impact				56	14	11	13	11	4	4	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	8,918
Appropriation Request Est.	FY 18	17,471
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		65,197
Expenditure / Encumbrances		17,496
Unencumbered Balance		47,701

Date First Appropriation	FY 87
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	162,644

Description

This project provides for the design and construction of new and/or upgrades of existing underperforming stormwater management facilities and devices under the County's Municipal Separate Storm Sewer System (MS4) Permit as detailed in the draft Montgomery County Coordinated Implementation Strategy (CCIS). Compliance with the MS4 permit requires controlling 20 percent of impervious surfaces, or approximately 3,777 impervious acres, not currently treated to the maximum extent practicable. Inventories of candidate projects have been conducted under the Facility Planning: SM project (PDF No. 809319) for the County's ten watersheds (Paint Branch, Rock Creek, Cabin John Creek, Hawlings River, Watts Branch, Great Seneca, Muddy Branch, Sligo Creek, Little Paint Branch, and Northwest Branch). Some of the most complex projects constructed under this project are assessed, and the preliminary plans are completed in the Facility Planning: SM project (No. 809319). Where feasible, the projects integrate wetland and habitat features consistent with the goals of the Chesapeake Bay Agreement. In small drainage areas, retrofit projects may also include biofiltration, bioretention, or stormwater filtering devices.

Cost Change

Cost decreases reflect anticipated implementation schedule including the addition of FY21 and FY22 partially offset by capitalization of prior expenditures.

Justification

This project is needed to comply with the County's MS4 permitting requirements outlined in the County Coordinated Implementation Strategy (CCIS) and to implement the County's adopted water quality goals (Chapter 19, Article IV) and protect habitat conditions in local streams. In addition, the project supports the goals of the Anacostia Watershed Restoration Agreement.

Other

Projects in design and construction include projects located in the Rock Creek Watershed, Watts Branch Watershed, Great Seneca Creek Watershed, Muddy Branch Watershed, Cabin John Creek Watershed, and Anacostia River Watershed.

Fiscal Note

While the State of Maryland has indicated a desire to provide funding, all indicated State Aid is preliminary and not committed. Funding may need to be revised based on actual State Aid commitments. In FY17, funding from the Water Quality Protection Charge replaced some funding previously allocated to Water Quality Protection Bonds. Expenditures in the outyears include expected costs to meet the requirements of the County's next MS4 permit. The scope of the next permit is subject to negotiation with the Maryland Department of Environment. Expenditures also include activities associated with increased emphasis on Green Infrastructure methods in MS4 projects.

SM Retrofit: Countywide (P808726)

Disclosures

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Department of Transportation, Maryland National Capital Park and Planning Commission, Department of Permitting Services, Maryland Department of the Environment, Natural Resources Conservation Service , U.S. Army Corps of Engineers, Facility Planning: SM (No. 809319), Maryland Department of Natural Resources.

SM Retrofit - Government Facilities (P800900)

Category Conservation of Natural Resources
Sub Category Stormwater Management
Administering Agency Environmental Protection (AAGE07)
Planning Area Countywide

Date Last Modified 5/5/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	13,146	7,193	1,426	4,527	1,162	822	708	695	606	534	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3	3	0	0	0	0	0	0	0	0	0
Construction	11,730	2,802	777	8,151	2,290	1,492	1,531	1,023	918	897	0
Other	19	19	0	0	0	0	0	0	0	0	0
Total	24,898	10,017	2,203	12,678	3,452	2,314	2,239	1,718	1,524	1,431	0

FUNDING SCHEDULE (\$000s)

State Aid	192	192	0	0	0	0	0	0	0	0	0
Water Quality Protection Bonds	23,524	8,643	2,203	12,678	3,452	2,314	2,239	1,718	1,524	1,431	0
Water Quality Protection Charge	1,182	1,182	0	0	0	0	0	0	0	0	0
Total	24,898	10,017	2,203	12,678	3,452	2,314	2,239	1,718	1,524	1,431	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				199	67	61	0	29	19	24
Net Impact				199	67	61	0	29	19	24

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	57
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		19,648
Expenditure / Encumbrances		11,417
Unencumbered Balance		8,231

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17 24,898
Last FY's Cost Estimate	27,819

Description

This project provides for the design and construction of Environmental Site Design (ESD)/Low Impact Development (LID) stormwater management devices at County facilities such as buildings, parking garages, and parking lots constructed prior to modern stormwater management controls. ESD/LID stormwater devices include: Green Roofs, bioretention areas, tree box inlets, porous concrete, and other types of devices that promote water filtering and groundwater recharge. Implementing new stormwater devices in developed areas built with inadequate or no stormwater control is required in the County's Municipal Separate Storm Sewer System (MS4) Permit as detailed in the Montgomery County Coordinated Implementation Strategy (CCIS). The Department of Environmental Protection (DEP) in coordination with the Department of General Services (DGS) has identified candidate CIP projects that will be implemented jointly.

Cost Change

Cost decreases reflect anticipated implementation schedule including the addition of FY21 and FY22.

Justification

This project supports the requirements of the County's current MS4 permit and addresses the goals of the Chesapeake Bay Watershed Agreement and the County's adopted water quality goals (Chapter 19, Article IV). The County's MS4 permit requires that the County provide stormwater controls for 20 percent of impervious surfaces not currently treated to the maximum extent practicable, with an emphasis, where possible, on the use of LID/ESD devices.

Fiscal Note

No State Aid is assumed for this project in FY17-22. Funding schedule may need to be revised based on actual State Aid commitments. In FY17, funding from the Water Quality Protection Charge replaced some funding previously allocated to Water Quality Protection Bonds. Expenditures in the outyears include expected costs to meet the requirements of the County's next MS4 permit. The scope of the next MS4 permit is subject to negotiation with the Maryland Department of Environment. Expenditures also include activities associated with an increased emphasis on Green Infrastructure methods in MS4 projects.

Disclosures

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Department of General Services, Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Maryland Department of the Environment, Maryland Department of Natural Resources.

SM Retrofit - Roads (P801300)

Category Conservation of Natural Resources
 Sub Category Stormwater Management
 Administering Agency Environmental Protection (AAGE07)
 Planning Area Countywide

Date Last Modified 5/5/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	20,963	3,689	2,930	14,344	2,995	3,332	3,709	1,786	1,278	1,244	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	111,880	7,122	2,259	102,499	6,431	7,850	21,329	24,329	22,560	20,000	0
Other	1	1	0	0	0	0	0	0	0	0	0
Total	132,844	10,812	5,189	116,843	9,426	11,182	25,038	26,115	23,838	21,244	0

FUNDING SCHEDULE (\$000s)

State Aid	15,285	3,185	100	12,000	2,000	2,000	2,000	2,000	2,000	2,000	0
Water Quality Protection Bonds	117,559	7,627	5,089	104,843	7,426	9,182	23,038	24,115	21,838	19,244	0
Total	132,844	10,812	5,189	116,843	9,426	11,182	25,038	26,115	23,838	21,244	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				6,815	515	1,018	471	1,049	1,996	1,766
Net Impact				6,815	515	1,018	471	1,049	1,996	1,766

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	-9,876
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		53,830
Expenditure / Encumbrances		16,580
Unencumbered Balance		37,250

Date First Appropriation	FY 13
First Cost Estimate	
Current Scope	FY 17 132,844
Last FY's Cost Estimate	111,815

Description

This project provides for the design and construction of Environmental Site Design (ESD)/Low Impact Development (LID) stormwater management devices along County roads constructed prior to modern stormwater management controls. ESD/LID stormwater devices include bioretention, curb extensions, porous concrete, tree box inlets and other types of devices that promote water filtering and groundwater recharge. The construction amounts include costs for a public private partnership scheduled to start in FY19.

Cost Change

Cost increases reflect anticipated implementation schedule including the addition of FY21 and FY22.

Justification

This project supports the requirements of the county's MS4 permit and addresses the goals of the Chesapeake Bay Watershed Agreement and the County's adopted water quality goals (Chapter 19, Article IV). The County's MS4 permit requires that the County provide stormwater controls for 20 percent of impervious surfaces not currently treated to the maximum extent practicable, with an emphasis, where possible, on the use of ESD/LID devices. This project will be responsible for controlling stormwater on County roads, largely through ESD/LID practices, as needed to satisfy the permit requirements.

Other

A portion of these potential ESD/LID stormwater retrofits on County roads were previously programmed under the SM Retrofit - Government Facilities project (No. 800900). This new stand alone project includes all the potential ESD/LID projects for County roads and allows for a more efficient implementation of projects of similar scope in partnership with the Department of Transportation (DOT). Planned and in-construction projects include Franklin Knolls, Springbrook, Cannon Road, Derrydown, Glenmont Forest, Wheaton Woods, and Manor Woods green streets.

Fiscal Note

While the State of Maryland has indicated a desire to provide funding, all indicated State Aid is preliminary and unappropriated in FY17-22. Funding may need to be revised based on actual State Aid commitments. In FY17, the Water Quality Protection Charge replaced some funding previously allocated to Water Quality Protection Bonds. Expenditures in the outyears include expected costs to meet the requirements of the County's next MS4 permit. The scope of the next MS4 permit is subject to negotiation with the Maryland Department of Environment. Expenditures also include activities associated with an increased emphasis on Green Infrastructure methods in MS4 projects and preparation for a Public Private Partnership procurement in FY19.

Disclosures

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

SM Retrofit - Roads (P801300)

Coordination

Department of General Services, Department of Transportation, Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Maryland Department of the Environment, United States Army Corps of Engineers, Maryland Department of Natural Resources.

SM Retrofit - Schools (P801301)

Category Conservation of Natural Resources
Sub Category Stormwater Management
Administering Agency Environmental Protection (AAGE07)
Planning Area Countywide

Date Last Modified 5/5/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	7,023	972	865	5,186	1,050	918	968	956	751	543	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	8,651	0	584	8,067	1,436	1,030	1,537	1,331	1,390	1,343	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	15,674	972	1,449	13,253	2,486	1,948	2,505	2,287	2,141	1,886	0

FUNDING SCHEDULE (\$000s)

Water Quality Protection Bonds	15,674	972	1,449	13,253	2,486	1,948	2,505	2,287	2,141	1,886	0
Total	15,674	972	1,449	13,253	2,486	1,948	2,505	2,287	2,141	1,886	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				147	33	15	28	20	30	22
Net Impact				147	33	15	28	20	30	22

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	-5,104
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		13,390
Expenditure / Encumbrances		2,124
Unencumbered Balance		11,266

Date First Appropriation	FY 13
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	15,674
	26,455

Description

This project provides for the design and construction of Environmental Site Design (ESD)/Low Impact Development (LID) stormwater management devices at Montgomery County Public Schools (MCPS) such as buildings, parking lots, and other impervious surfaces constructed prior to modern stormwater management controls. LID/ESD stormwater devices that may be implemented under this project include: green roofs, bioretention areas, tree box inlets, porous concrete and other types of devices that promote water filtering and groundwater recharge.

Cost Change

Cost decreases reflect anticipated implementation schedule including the addition of FY21 and FY22.

Justification

This project supports the requirements of the County's MS4 permit and addresses the goals of the Chesapeake Bay Watershed Agreement and the County's adopted water quality goals (Chapter 19, Article IV). The County's MS4 permit requires that the County provide stormwater controls for 20 percent of impervious surfaces not currently treated to the maximum extent practicable, with an emphasis, where possible, on the use of LID/ESD devices. This project will be responsible for controlling stormwater on Montgomery County Public School (MCPS) properties largely through the use of LID/ESD practices needed to satisfy the permit requirements.

Other

A portion of these potential LID/ESD stormwater retrofits located at County schools were previously programmed under the FY11-16 Approved SM Retrofit - Government Facilities project (No. 800900). This stand-alone project includes LID/ESD projects located on MCPS property and allows for a more efficient implementation of projects in partnership with MCPS.

Fiscal Note

In FY17, some funding was reduced from Water Quality Protection Bonds and was replaced with the Water Quality Protection Charge. Expenditures in the outyears include expected costs to meet the requirements of the County's next MS4 permit. The scope of the next MS4 permit is subject to negotiation with the Maryland Department of the Environment. Expenditures also include activities associated with an increased emphasis on Green Infrastructure methods in MS4 projects.

Disclosures

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Maryland-National Capital Park and Planning Commission, Montgomery County Public Schools, Department of Permitting Services, Maryland Department of the Environment.

Watershed Restoration - Interagency (P809342)

Category Conservation of Natural Resources
 Sub Category Stormwater Management
 Administering Agency Environmental Protection (AAGE07)
 Planning Area Colesville-White Oak

Date Last Modified 5/5/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	6,269	2,898	50	3,321	1,599	56	60	728	511	367	0
Land	4	4	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	10,502	1,873	0	8,629	0	5,025	0	0	2,163	1,441	0
Other	2	2	0	0	0	0	0	0	0	0	0
Total	16,777	4,777	50	11,950	1,599	5,081	60	728	2,674	1,808	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	527	527	0	0	0	0	0	0	0	0	0
State Aid	505	505	0	0	0	0	0	0	0	0	0
Stormwater Management Waiver Fees	3,226	3,226	0	0	0	0	0	0	0	0	0
Water Quality Protection Bonds	12,489	489	50	11,950	1,599	5,081	60	728	2,674	1,808	0
Water Quality Protection Charge	30	30	0	0	0	0	0	0	0	0	0
Total	16,777	4,777	50	11,950	1,599	5,081	60	728	2,674	1,808	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				20	0	0	15	0	0	5
Net Impact				20	0	0	15	0	0	5

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	36
Appropriation Request Est.	FY 18	5,081
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		6,391
Expenditure / Encumbrances		4,777
Unencumbered Balance		1,614

Date First Appropriation	FY 93
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	6,972

Description

This project provides for the design and construction of stormwater management retrofits and stream restoration projects which manage stormwater runoff, enhance aquatic habitat, and improve water quality in County streams. The projects are executed under interagency agreements with the U.S. Army Corps of Engineers (USACE). The first two agreements, which were signed in 1992 and 1997, were limited to subwatersheds within the Anacostia Watershed. In FY04, the USACE expanded project eligibility to include all County subwatersheds within the Mid-Potomac watershed. The feasibility study and the design and construction of the projects selected in Montgomery County are managed by the U.S. Army Corps of Engineers with assistance from the Maryland Department of Environment and Maryland-National Capital Park and Planning Commission.

Cost Change

Cost increases reflect anticipated implementation schedule including the addition of FY21 and FY22.

Justification

This project will improve local stream water quality, protect stream conditions, and enhance wildlife and aquatic habitats in Sligo Creek, Northwest Branch, Paint Branch, and Little Paint Branch tributaries within the interjurisdictional Anacostia River Watershed. The project supports the goals of the Chesapeake Bay initiatives, the Anacostia Watershed Restoration Agreement, and addresses the County's Municipal Separate Storm Sewer System (MS4) permit as detailed in the Montgomery County Coordinated Implementation Strategy (CCIS).

Fiscal Note

This project leverages Federal Aid with the Federal government paying for 75 percent of construction costs for projects designed under the Anacostia Phase I Feasibility Study, and 65 percent of construction costs for projects designed under the subsequent agreements. Program expenditures reflect County contributions to the U.S. Army Corps of Engineers for design/construction and in-kind services. In FY17, Water Quality Protection Charge funding was increased reducing the need for Water Quality Protection Bonds. Expenditures in the outyears include expected costs to meet the requirements of the County's next MS4 permit. The scope of the next MS4 permit is subject to negotiation with the Maryland Department of Environment. Expenditures also include activities associated with increased emphasis on Green Infrastructure methods in MS4 projects.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Watershed Restoration - Interagency (P809342)

U.S. Army Corps of Engineers, Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Department of Transportation, Maryland Department of the Environment, Facility Planning: SM (No. 809319), Maryland Department of Natural Resources.

Wheaton Regional Dam Flooding Mitigation (P801710)

Category
Sub Category
Administering Agency
Planning Area

Conservation of Natural Resources
Stormwater Management
Environmental Protection (AAGE07)
Kensington-Wheaton

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
Yes
Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	350	0	0	350	50	200	50	50	0	0	0
Land	2,900	0	0	2,900	2,900	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	1,800	0	0	1,800	0	0	800	1,000	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	5,050	0	0	5,050	2,950	200	850	1,050	0	0	0

FUNDING SCHEDULE (\$000s)

Federal Aid	2,000	0	0	2,000	2,000	0	0	0	0	0	0
Water Quality Protection Bonds	3,050	0	0	3,050	950	200	850	1,050	0	0	0
Total	5,050	0	0	5,050	2,950	200	850	1,050	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,950
Appropriation Request Est.	FY 18	200
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	FY 17 5,050
Last FY's Cost Estimate	0

Description

This flood mitigation project will seek to voluntarily acquire properties, located in Wheaton along Glenhaven Drive and Dennis Avenue, that are affected by the updating of the 100-year floodplain. The project will remove the buildings, restore the area with water quality improvement technologies and provide non-structural recreational open space for the community.

Justification

An engineering analysis by the Department of Environmental Protection (DEP) indicates that the effect of the Wheaton Regional Dam, Dennis Avenue Culvert, and undersized stream channel along Glenhaven Drive, cumulatively, will cause flooding of roads and private property during a 100-year storm event. Flooding of adjacent roads and private property has already occurred in 2006 and 2010. The County is seeking a map amendment to the Federal Emergency Management Agency (FEMA) panel for this area to have the 100-year floodplain updated to reflect existing conditions.

Fiscal Note

The County will partner with the Maryland Emergency Management Agency (MEMA) to seek FEMA Hazard Mitigation Assistance grants for the property acquisition. FEMA Hazard Mitigation Assistance grants will provide up to 75% cost of the voluntary acquisition buyout. These FEMA grants are administered by MEMA and are estimated to be \$2 million.

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 06/14/2016 9:35 AM

	Total Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
Conservation of Natural Resources											
Storm Drains											
Storm Drain General (P500320)	16,283	10,942	217	854	854	854	854	854	854	0	1,708
Sonoma / Ayrilawn Storm Drain Improvements (P500509)	* 3,401	3,399	2	0	0	0	0	0	0	0	0
Town of Chevy Chase Storm Drain Improvements (P500808)	* 3,262	3,260	2	0	0	0	0	0	0	0	0
Maple Avenue Storm Drain & Roadway Improvements (P501100)	* 1,620	1,564	56	0	0	0	0	0	0	0	0
Henderson Avenue Storm Drain & Roadway Improvement (P501108)	* 2,270	2,247	23	0	0	0	0	0	0	0	0
Facility Planning: Storm Drains (P508180)	6,944	4,878	326	290	290	290	290	290	290	0	290
Glen Echo Storm Drain (P509637)	* 630	630	0	0	0	0	0	0	0	0	0
Outfall Repairs (P509948)	8,981	5,148	1,061	462	462	462	462	462	462	0	462
Storm Drain Culvert Replacement (P501470)	12,700	2,309	3,191	1,200	1,200	1,200	1,200	1,200	1,200	0	1,200
	56,091	34,377	4,878	2,806	2,806	2,806	2,806	2,806	2,806	0	3,660
Stormwater Management											
SM Facility Major Structural Repair (P800700)	37,179	7,105	8,364	4,629	3,404	2,169	3,585	4,852	3,071	0	0
SM Retrofit - Government Facilities (P800900)	24,898	10,017	2,203	3,452	2,314	2,239	1,718	1,524	1,431	0	0
SM Retrofit - Roads (P801300)	132,844	10,812	5,189	9,426	11,182	25,038	26,115	23,838	21,244	0	-9,876
SM Retrofit - Schools (P801301)	15,674	972	1,449	2,486	1,948	2,505	2,287	2,141	1,886	0	-5,104
Misc Stream Valley Improvements (P807359)	70,259	4,135	4,851	8,880	10,952	12,571	13,716	8,548	6,806	0	13,951
SM Retrofit: Countywide (P808726)	126,578	7,150	21,648	21,939	19,225	19,425	18,000	9,654	9,537	0	8,918
Facility Planning: SM (P809319)	17,690	10,478	541	2,126	1,323	997	773	799	653	0	4
Watershed Restoration - Interagency (P809342)	16,777	4,777	50	1,599	5,081	60	728	2,674	1,808	0	36
Wheaton Regional Dam Flooding Mitigation (P801710)	5,050	0	0	2,950	200	850	1,050	0	0	0	2,950
	446,949	55,446	44,295	57,487	55,629	65,854	67,972	54,030	46,236	0	10,879
Ag Land Preservation											
Ag Land Pres Easements (P788911)	9,425	4,551	900	1,474	494	494	494	504	514	0	611
	9,425	4,551	900	1,474	494	494	494	504	514	0	611
Conservation of Natural Resources	512,465	94,374	50,073	61,767	58,929	69,154	71,272	57,340	49,556	0	15,150

New

* = Closeout or Pending Closeout

CIP230 - CC Approved

Funding Summary by Category, Sub-Category and Revenue Source (\$000s)

Run Date: 06/14/2016 11:15 AM

Project	Funding Source	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Recreation	Rental Income - General	59	59	0	0	0	0	0	0	0	0
	Short-Term Financing	606	424	182	0	0	0	0	0	0	0
	State Aid	9,685	7,863	1,822	0	0	0	0	0	0	0
	Total Funding Sources	361,950	186,921	57,006	116,437	50,119	34,544	10,603	8,746	6,265	1,586
	Contributions	175	0	175	0	0	0	0	0	0	0
	Current Revenue: General	19,322	7,380	4,124	7,768	2,118	990	1,190	1,140	1,190	50
	G.O. Bonds	90,141	39,766	32,332	16,507	9,295	659	2,836	3,656	61	1,536
	Land Sale	2,661	2,661	0	0	0	0	0	0	0	0
	Long-Term Financing	3,850	3,850	0	0	0	0	0	0	0	0
	PAYGO	24,080	24,080	0	0	0	0	0	0	0	0
Libraries	State Aid	4,450	3,786	664	0	0	0	0	0	0	0
	Total Funding Sources	144,679	81,523	37,295	24,275	11,413	1,649	4,026	4,796	1,251	1,140
	Contributions	1,600	0	0	1,600	350	1,250	0	0	0	0
	Current Revenue: General	11,483	1,065	1,241	9,177	1,772	1,405	1,500	1,500	1,500	0
	G.O. Bonds	151,370	52,855	17,130	81,385	36,584	30,240	5,077	2,450	3,514	3,520
	PAYGO	46,918	46,918	0	0	0	0	0	0	0	0
	Rental Income - General	59	59	0	0	0	0	0	0	0	0
	Short-Term Financing	606	424	182	0	0	0	0	0	0	0
	State Aid	5,235	4,077	1,158	0	0	0	0	0	0	0
	Total Funding Sources	217,271	105,398	19,711	92,162	38,706	32,895	6,577	3,950	5,014	5,020
Conservation of Natural Resources	Agricultural Transfer Tax	1,539	231	14	1,294	624	134	134	134	134	0
	Contributions	1,668	1,000	10	658	510	10	10	10	10	0
	Current Revenue: General	9,103	9,103	0	0	0	0	0	0	0	0
	Federal Aid	2,000	0	0	2,000	2,000	0	0	0	0	0
	G.O. Bonds	27,682	27,471	211	0	0	0	0	0	0	0
	Intergovernmental	691	605	86	0	0	0	0	0	0	0
	Investment Income	802	0	0	802	0	70	200	200	210	122
	M-NCPPC Contributions	4,423	2,860	663	900	150	150	150	150	150	150
	State Aid	41,371	7,572	3,479	30,320	5,190	5,130	5,000	5,000	5,000	0
	Stormwater Management Waiver Fees	6,194	4,023	971	1,200	200	200	200	200	200	0

Funding Summary by Category, Sub-Category and Revenue Source (\$000s)

Run Date: 06/14/2016 11:15 AM

Project	Funding Source	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Storm Drains	Water Quality Protection Bonds	378,721	29,885	31,253	317,583	45,827	51,622	62,173	64,515	50,547	42,899
	Water Quality Protection Charge	38,271	11,624	13,386	13,261	7,266	1,613	1,287	1,063	1,089	943
	Total Funding Sources	512,465	94,374	50,073	368,018	61,767	58,929	69,154	71,272	57,340	49,556
	Current Revenue: General	4,103	4,103	0	0	0	0	0	0	0	0
	G.O. Bonds	26,847	26,636	211	0	0	0	0	0	0	0
	Intergovernmental	691	605	86	0	0	0	0	0	0	0
	State Aid	162	162	0	0	0	0	0	0	0	0
	Water Quality Protection Bonds	15,096	0	0	15,096	2,516	2,516	2,516	2,516	2,516	2,516
	Water Quality Protection Charge	9,192	2,871	4,581	1,740	290	290	290	290	290	290
	Total Funding Sources	56,091	34,377	4,878	16,836	2,806	2,806	2,806	2,806	2,806	2,806
Stormwater Management	Current Revenue: General	5,000	5,000	0	0	0	0	0	0	0	0
	Federal Aid	2,000	0	0	2,000	2,000	0	0	0	0	0
	G.O. Bonds	527	527	0	0	0	0	0	0	0	0
	State Aid	40,524	7,258	3,266	30,000	5,000	5,000	5,000	5,000	5,000	5,000
	Stormwater Management Waiver Fees	6,194	4,023	971	1,200	200	200	200	200	200	200
	Water Quality Protection Bonds	363,625	29,885	31,253	302,487	43,311	49,106	59,657	61,999	48,031	40,383
	Water Quality Protection Charge	29,079	8,753	8,805	11,521	6,976	1,323	997	773	799	653
	Total Funding Sources	446,949	55,446	44,295	347,208	57,487	55,629	65,854	67,972	54,030	46,236
	Agricultural Transfer Tax	1,539	231	14	1,294	624	134	134	134	134	134
	Contributions	1,668	1,000	10	658	510	10	10	10	10	108
Ag Land Preservation	G.O. Bonds	308	308	0	0	0	0	0	0	0	0
	Investment Income	802	0	0	802	0	70	200	200	210	122
	M-NCPPC Contributions	4,423	2,860	663	900	150	150	150	150	150	150
	State Aid	685	152	213	320	190	130	0	0	0	0
	Total Funding Sources	9,425	4,551	900	3,974	1,474	494	494	494	504	514
	Community Development Block Grant	9,277	6,278	2,999	0	0	0	0	0	0	0
	Current Revenue: General	6,937	2,491	1,146	3,300	675	725	775	875	125	125
	Current Revenue: Parking - Montgomery Hill	100	100	0	0	0	0	0	0	0	0
	Federal Aid	1,601	851	750	0	0	0	0	0	0	0
	G.O. Bonds	12,095	0	12,095	0	0	0	0	0	0	0
Community Development and Housing	Water Quality Protection Bonds	378,721	29,885	31,253	317,583	45,827	51,622	62,173	64,515	50,547	42,899
	Water Quality Protection Charge	38,271	11,624	13,386	13,261	7,266	1,613	1,287	1,063	1,089	943
	Total Funding Sources	512,465	94,374	50,073	368,018	61,767	58,929	69,154	71,272	57,340	49,556
	Current Revenue: General	4,103	4,103	0	0	0	0	0	0	0	0
	G.O. Bonds	26,847	26,636	211	0	0	0	0	0	0	0
	Intergovernmental	691	605	86	0	0	0	0	0	0	0
	State Aid	162	162	0	0	0	0	0	0	0	0
	Water Quality Protection Bonds	15,096	0	0	15,096	2,516	2,516	2,516	2,516	2,516	2,516
	Water Quality Protection Charge	9,192	2,871	4,581	1,740	290	290	290	290	290	290
	Total Funding Sources	56,091	34,377	4,878	16,836	2,806	2,806	2,806	2,806	2,806	2,806
Community Development and Housing	Current Revenue: General	5,000	5,000	0	0	0	0	0	0	0	0
	Federal Aid	2,000	0	0	2,000	2,000	0	0	0	0	0
	G.O. Bonds	527	527	0	0	0	0	0	0	0	0
	State Aid	40,524	7,258	3,266	30,000	5,000	5,000	5,000	5,000	5,000	5,000
	Stormwater Management Waiver Fees	6,194	4,023	971	1,200	200	200	200	200	200	200
	Water Quality Protection Bonds	363,625	29,885	31,253	302,487	43,311	49,106	59,657	61,999	48,031	40,383
	Water Quality Protection Charge	29,079	8,753	8,805	11,521	6,976	1,323	997	773	799	653
	Total Funding Sources	446,949	55,446	44,295	347,208	57,487	55,629	65,854	67,972	54,030	46,236
	Agricultural Transfer Tax	1,539	231	14	1,294	624	134	134	134	134	134
	Contributions	1,668	1,000	10	658	510	10	10	10	10	108
Community Development and Housing	G.O. Bonds	308	308	0	0	0	0	0	0	0	0
	Investment Income	802	0	0	802	0	70	200	200	210	122
	M-NCPPC Contributions	4,423	2,860	663	900	150	150	150	150	150	150
	State Aid	685	152	213	320	190	130	0	0	0	0
	Total Funding Sources	9,425	4,551	900	3,974	1,474	494	494	494	504	514
	Community Development Block Grant	9,277	6,278	2,999	0	0	0	0	0	0	0
	Current Revenue: General	6,937	2,491	1,146	3,300	675	725	775	875	125	125
	Current Revenue: Parking - Montgomery Hill	100	100	0	0	0	0	0	0	0	0
	Federal Aid	1,601	851	750	0	0	0	0	0	0	0
	G.O. Bonds	12,095	0	12,095	0	0	0	0	0	0	0

COUNTY GOVERNMENT

**HOUSING AND
COMMUNITY DEVELOPMENT**

Burtonsville Community Revitalization (P760900)

Category	Community Development and Housing	Date Last Modified	11/17/14
Sub Category	Community Development	Required Adequate Public Facility	No
Administering Agency	Housing & Community Affairs (AAGE11)	Relocation Impact	None
Planning Area	Fairland-Beltsville	Status	Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,327	1,327	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,358	0	1,358	0	0	0	0	0	0	0
Construction	1,255	340	915	0	0	0	0	0	0	0
Other	100	3	97	0	0	0	0	0	0	0
Total	4,040	1,670	2,370	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	460	460	0	0	0	0	0	0	0	0
G.O. Bonds	2,370	0	2,370	0	0	0	0	0	0	0
PAYGO	1,210	1,210	0	0	0	0	0	0	0	0
Total	4,040	1,670	2,370	0	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,040
Expenditure / Encumbrances		1,670
Unencumbered Balance		2,370

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 13
Last FY's Cost Estimate	4,040

Description

This project provides for community revitalization in the Burtonsville area with primary focus on the commercial core. Project elements will mitigate the impact of transportation improvement projects to businesses in the Burtonsville commercial area. The objective is to support the existing small businesses and create new opportunities for private investment, as well as, create a "village center" by improving the visual appearance of the area. Project elements include Gateway Signage, pedestrian lighting, streetface elements, acquisition of long-term façade easements and center signage.

Location

Developers, Department of Technology Services, Department of Police, Federal Transit Administration (FTA), Federal Highway Administration (FHWA), Fibernet, Maryland State Highway Administration, Virginia Department of Transportation, Other Local Governments, Other Private Entities, Traffic Signals project, Traffic Signal System Modernization Project, Montgomery County Pedestrian Safety Advisory Committee, Citizen's Advisory Boards, Montgomery County Planning Board

Justification

The project responds to concerns relating to changes in the community resulting from population increases and the road realignment of US Rte 29 and MD Rte 198.

Other

Plans and Studies: M-NCPPC Fairland Master Plan in 1997; Burtonsville Market Study (2007); the Burtonsville Legacy Plan.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Department of Transportation, Maryland State Highway Administration, M-NCPPC, Maryland Department of the Environment, Department of Permitting Services

Facility Planning: HCD (P769375)

Category Community Development and Housing
 Sub Category Community Development
 Administering Agency Housing & Community Affairs (AAGE11)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	4,420	2,665	1,005	750	125	125	125	125	125	125	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	4,420	2,665	1,005	750	125	125	125	125	125	125	0

FUNDING SCHEDULE (\$000s)

Community Development Block Grant	893	334	559	0	0	0	0	0	0	0	0
Current Revenue: General	3,227	2,031	446	750	125	125	125	125	125	125	0
Current Revenue: Parking - Montgomery Hill	100	100	0	0	0	0	0	0	0	0	0
Federal Aid	200	200	0	0	0	0	0	0	0	0	0
Total	4,420	2,665	1,005	750	125	125	125	125	125	125	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	125
Appropriation Request Est.	FY 18	125
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,670
Expenditure / Encumbrances		2,665
Unencumbered Balance		1,005

Date First Appropriation	FY 96
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	4,295

Description

This project provides funds for Department of Housing and Community Affairs (DHCA) facility planning studies for a variety of projects for possible inclusion in the CIP. In addition, facility planning serves as a transition stage for a project between the master plan or conceptual stage and its inclusion as a stand-alone project in the CIP. Prior to the establishment of a stand-alone project, DHCA will develop a Program of Requirements (POR) that outlines the general and specific features required in the project. Selected projects range in type including: land and building acquisition; conversion of surplus schools/ school sites or County-owned land into housing resources; design and construction of street improvements, sidewalks, and other infrastructure improvements in neighborhoods and small commercial area revitalization including streetscaping and circulation along with Central Business District (CBD) revitalization. Facility planning is a decision-making process to determine the purpose and need of a candidate project through a rigorous investigation of the following critical project elements: community revitalization needs analysis; economic, social, environmental, and historic impact analyses; public participation; investigation of non-County sources of funding; and detailed project cost estimates. Depending upon the results of a facility planning determination of purpose and need, a project may or may not proceed to construction. For a full description of the facility planning process, see the CIP Planning Section.

Cost Change

Increase due to the addition of FY21 and FY22.

Justification

There is a continuing need for development of accurate cost estimates and an exploration of alternatives for proposed projects. Facility planning costs for all projects which ultimately become stand-alone PDFs are included here. These costs will not be reflected in the resulting individual project. Future individual CIP projects, which result from facility planning, will each reflect reduced planning and design costs.

Other

The proposals studied under this program will involve the Office of Management and Budget staff, consultants, community groups, and related program area staff, to ensure that completed studies show full costs, program requirements, and have community support.

Fiscal Note

This project includes \$75,000 in FY13 to develop a program of requirements for a potential Colesville New Hampshire Avenue corridor improvement project between Midland Road and Hollywood Boulevard.

Disclosures

Expenditures will continue indefinitely.

Coordination

Office of Management and Budget, M-NCPPC, Department of Transportation, Department of General Services, Regional Services Centers

Colesville/New Hampshire Avenue Community Revitalization (P761501)

Category	Community Development and Housing	Date Last Modified	11/17/14
Sub Category	Community Development	Required Adequate Public Facility	No
Administering Agency	Housing & Community Affairs (AAGE11)	Relocation Impact	None
Planning Area	Colesville-White Oak	Status	Preliminary Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	950	0	400	550	200	200	100	50	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	2,300	0	300	2,000	350	400	550	700	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,250	0	700	2,550	550	600	650	750	0	0	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	3,250	0	700	2,550	550	600	650	750	0	0	0
Total	3,250	0	700	2,550	550	600	650	750	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	550
Appropriation Request Est.	FY 18	600
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		700
Expenditure / Encumbrances		0
Unencumbered Balance		700

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 15 3,250
Last FY's Cost Estimate	3,250

Description

This project provides for commercial revitalization in the Colesville Community focused on the four commercial intersections along New Hampshire Avenue (MD Route 650). The objective is to support the existing small businesses and create new opportunities for private investment, as well as improving the visual appearance of the area. Project elements include gateway signage, pedestrian lighting, connectivity, streetscape elements, landscaping/screening, acquisition of long term façade and center signage easements, and other amenities.

Location

The focus areas are: the four quadrants at the intersection of New Hampshire Avenue and Randolph Road; the commercial area at New Hampshire Avenue and Vital Way; the commercial area between Thomas Drive and Eldrid Drive on the west side of New Hampshire Avenue; and the commercial node east of New Hampshire Avenue at Hollywood Avenue.

Justification

The Colesville Commercial area is primarily older local, neighborhood retail centers with some office space. The White Oak Master Plan (1997) recommended providing a more unified "Main Street" form of development, integrating the commercial development with neighboring residential communities while providing buffers between the adjacent residential neighborhoods. The Colesville Community is interested in enhancing the viability of the commercial centers along New Hampshire Avenue.

Other

Plans and Studies: M-NCPPC White Oak Master Plan (1997), Colesville Commercial Area and Design Study (2013).

Fiscal Note

This area is not eligible for CDBG funding.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Department of Transportation, Maryland State Highway Administration, M-NCPPC, Maryland Department of the Environment, Department of Permitting Services.

Affordable Housing Acquisition and Preservation (P760100)

Category
Sub Category
Administering Agency
Planning Area

Community Development and Housing
Housing
Housing & Community Affairs (AAGE11)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0
Land	176,786	103,635	40,151	33,000	16,000	17,000	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	176,786	103,635	40,151	33,000	16,000	17,000	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	9,725	0	9,725	0	0	0	0	0	0	0
HIF Revolving Program	121,252	89,809	10,191	21,252	13,409	7,843	0	0	0	0
Loan Repayment Proceeds	36,494	11,326	13,420	11,748	2,591	9,157	0	0	0	0
Montgomery Housing Initiative Fund	4,775	2,500	2,275	0	0	0	0	0	0	0
Recordation Tax Premium	4,540	0	4,540	0	0	0	0	0	0	0
Total	176,786	103,635	40,151	33,000	16,000	17,000	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	14,635
Appropriation Request Est.	FY 18	17,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		145,151
Expenditure / Encumbrances		103,635
Unencumbered Balance		41,516

Date First Appropriation	FY 01
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	145,151

Description

This project provides funding for acquisition and/or renovation of properties for the purpose of preserving or increasing the County's affordable housing inventory. The County may purchase properties or assist not-for-profit, tenant, or for-profit entities, or HOC with bridge financing to purchase and renovate properties. The monies may be used to purchase properties that are offered to the County under the Right of First Refusal law or otherwise available for purchase. A portion of the units in these properties must serve households with incomes that are at or below incomes eligible for the Moderately Priced Dwelling Unit (MPDU) program. A priority should be given to rental housing.

Cost Change

Increase funding in FY17 and FY18 to include the issuance of \$21.3 million of taxable debt along with the use of loan repayments to provide continued support for this project.

Justification

To implement Section 25B, Housing Policy, and Section 53A, Tenant Displacement (Right of First Refusal), of the Montgomery County Code. Opportunities to purchase property utilizing the County's Right of First Refusal arise without advance notice and cannot be planned in advance. Properties may be acquired by the County, non-profit developers, HOC or other entities that agree to develop or redevelop property for affordable housing.

Other

Resale or control period restrictions to ensure long term affordability should be a part of projects funded with these monies.

Fiscal Note

Debt service will be financed by the Montgomery Housing Initiative Fund. In addition to the appropriation shown above this PDF assumes that any actual revolving loan repayments received will be appropriated in the subsequent year as displayed above. Future loan repayments are expected and will be used to finance future housing activities in this project. General Obligation bonds will be used for Housing Opportunities Commission and other projects that bond counsel determines are eligible for tax-exempt bond funding.

Coordination

Housing Opportunities Commission (HOC) Nonprofit housing providers Private sector developers

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 07/05/2016 12:53 PM

	Total	Thru FY15	Est FY16	6 Year Total			FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
Community Development and Housing														
Community Development														
Fenton Street Village Pedestrian Linkages (P760500)	*	2,899	2,028	871	0	0	0	0	0	0	0	0	0	0
Long Branch Pedestrian Linkages (P760600)	*	4,031	2,144	1,887	0	0	0	0	0	0	0	0	0	0
Burtonsville Community Revitalization (P760900)		4,040	1,670	2,370	0	0	0	0	0	0	0	0	0	0
Focused Neighborhood Assistance (P761100)	*	2,855	2,423	432	0	0	0	0	0	0	0	0	0	0
CDBG Capital Appropriation (P767820)	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Facility Planning: HCD (P769375)		4,420	2,665	1,005	750	125	125	125	125	125	125	125	0	125
Colesville/New Hampshire Avenue Community Revitalization (P761501)		3,250	0	700	2,550	550	600	650	750	750	0	0	0	550
		21,495	10,930	7,265	3,300	675	725	775	875	125	125	125	0	675
Community Development														
Housing (SC69)														
Affordable Housing Acquisition and Preservation (P760100)		176,786	103,635	40,151	33,000	16,000	17,000	0	0	0	0	0	0	14,635
		176,786	103,635	40,151	33,000	16,000	17,000	0	0	0	0	0	0	14,635
Housing (SC69)		198,281	114,565	47,416	36,300	16,675	17,725	775	875	125	125	125	0	15,310
Community Development and Housing														

* = Closeout or Pending Closeout

CIP230 - CC Approved

HOUSING OPPORTUNITIES COMMISSION

HOC Opportunity Housing Dev Fund (P767511)

Category	Housing Opportunities Commission	Date Last Modified	11/17/14
Sub Category	Housing	Required Adequate Public Facility	No
Administering Agency	Housing Opportunities Commission	Relocation Impact	None
Planning Area	(AAGE12)	Status	Ongoing
	Countywide		

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	-----------	----------	---------------	-------	-------	-------	-------	-------	-------	--------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0
Land	4,500	1,140	3,360	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	4,500	1,140	3,360	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

Revolving Fund - Current Revenue	4,500	1,140	3,360	0	0	0	0	0	0	0
Total	4,500	1,140	3,360	0	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0	
Appropriation Request Est.	FY 18	0	
Supplemental Appropriation Request		0	
Transfer		0	
Cumulative Appropriation		4,500	
Expenditure / Encumbrances		1,140	
Unencumbered Balance		3,360	

Date First Appropriation	FY 75		
First Cost Estimate			
Current Scope	FY 80	4,500	
Last FY's Cost Estimate		4,500	

Description

The Opportunity Housing Development Fund (OHDF) is a revolving loan fund from which Housing Opportunities Commission (HOC) is authorized to use up to \$4.5 million at any one time. The project provides funds to temporarily cover project planning, site improvements, building construction loan guarantees, construction financing, short-term financing (including second trusts), insurance for permanent financing, notes and bonds, and associated professional and financing fees for housing developments undertaken by HOC or its designees. Since a separate fund is established for site acquisition and Moderately Priced Dwelling Units (MPDU) acquisition, land and MPDUs shall not be acquired from the OHDF (with the exception of MPDUs acquired under the last resort provision of the MPDU Ordinance). This fund is to be repaid when permanent financing is obtained or when other sources of financing are made available from HOC housing developments. If sufficient funds are not available in the MPDU/Property Acquisition Fund, this fund can also be used, upon County approval, for the acquisition of sites and/or existing properties for low and moderate-income, single, or multi-family housing facilities, which are to be owned and operated by HOC or its designees.

Justification

This project assures availability of short-term financing and front-end costs at favorable interest rates for projects determined by HOC and the County to be in support of the County Housing Assistance Plan and housing policy. The fund permits existing and new properties to be reviewed and insured and, in other ways, secures prompt decisions when time demands require them.

Other

The County General Plan Refinement stands in compliance with the General Plan requirement of the Maryland Economic Growth, Resource Protection, and Planning Act. County Master Plans must be in compliance with the General Plan. Beginning in FY'01, as a contribution to affordable housing, HOC was given relief on past due interest payments and is no longer required to pay interest on funding for this project.

Fiscal Note

Outstanding draws as of June 30, 2015 totaled \$1,139,992. Repayments totaling \$3,307,354 were made in FY'15 consisting of annual repayments for Smith Village (\$21,817) and Alexander House (\$67,381) loans, Paddington Square (\$3,000,000) and Jubilee Homes (\$218,156). In FY'04, \$3 million was used to acquire Paddington Square that preserved 166 affordable units in Silver Spring. The permanent financing for Paddington Square closed in FY'2015 and the loan was repaid in full. Also, \$218,156 which was drawn to provide local matching funds to be leveraged with a grant from the Maryland Department of Mental Hygiene to fund the acquisition of a home for developmentally disabled adults, was repaid in FY'15. Repayments totaling \$548,198 are projected in FY'16 representing annual loan payments for Smith Village and Alexander House, as well as the repayment of matching local funds for Jubilee Homes.

Coordination

Department of Finance, Department of Housing and Community Affairs

HOC MPDU/Property Acq Fund (P768047)

Category Housing Opportunities Commission
 Sub Category Housing
 Administering Agency Housing Opportunities Commission
 Planning Area (AAGE12)
 Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0
Land	2,864	2,864	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4,515	1,915	2,600	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	5,128	1,605	3,523	0	0	0	0	0	0	0
Total	12,507	6,384	6,123	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

Revolving Fund - Current Revenue	107	107	0	0	0	0	0	0	0	0
Revolving Fund - G.O. Bonds	12,400	6,277	6,123	0	0	0	0	0	0	0
Total	12,507	6,384	6,123	0	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		12,507
Expenditure / Encumbrances		6,384
Unencumbered Balance		6,123

Date First Appropriation	FY 14
First Cost Estimate	
Current Scope	FY08 12,507
Last FY's Cost Estimate	12,507

Description

This is a revolving loan fund which authorizes the Housing Opportunities Commission (HOC) to use up to \$12.5 million at any one time for: (a) interim financing, including cost of acquisition and finishing by HOC, of Moderately Priced Dwelling Units (MPDUs) as permitted in Chapter 25A of the Montgomery County Code, provided that the unit is used in tandem with a Federal, State, or local subsidy program and is developed to provide housing to low- and-moderate-income households; and (b) planning, acquisition, and improvement of sites and/or existing properties for low and-moderate-income, single, or multifamily housing facilities, which are to be owned and operated by HOC or its designees. Sites may be land-banked in anticipation of future development when adequate public facilities become available. Upon receipt of permanent financing, monies are returned to the fund for reuse. No MPDU may be held by the fund for more than 24 months. The 24-month maximum holding period may be extended in unusual situations for a limited time upon determination by the Director of the Department of Housing and Community Affairs that such an extension would best support purposes of this program. HOC may determine that a County lump sum subsidy is required to secure independent financing or meet Federal, State, or local program guidelines for itself or its designees. Such write-downs from County funds shall be made only for projects serving households whose incomes do not exceed the following limits: 1/3 units - 80 percent of Washington Metropolitan Area Median income; 1/3 units - 80 percent of County Median income; and 1/3 units uncontrolled. In the event that a subsidy is undertaken, then in its next CIP submission, HOC shall include a PDF describing the subsidized program and shall request an appropriation sufficient to fully repay this fund.

Justification

HOC is continually evaluating transactions that will require interim funding from the revolving fund. These transactions include redevelopment activities of older HOC properties that require significant capital infusion to improve their physical conditions or to redevelop and/or reposition them in their respective market areas. In addition, HOC continues to seek new development opportunities, as well as, the acquisition of existing multifamily developments through the conventional real estate sales market that may require interim financing to facilitate the transaction. The County's right of first refusal law changed to include all multifamily properties of more than five units. The change in law provides HOC with greater acquisition opportunities to preserve affordability and greater need for gap and bridge financing. HOC sets aside revolving funds to capitalize on opportunities to acquire and preserve rental units as they are offered under the current law.

Other

The County General Plan Refinement stands in compliance with the General Plan requirement of the Maryland Economic Growth, Resource Protection, and Planning Act. County Master Plans must be in compliance with the General Plan. Beginning in FY'01, as a contribution to affordable housing, HOC was given relief on past due interest payments and is no longer required to pay interest on funding for this project.

Fiscal Note

HOC MPDU/Property Acq Fund (P768047)

Outstanding draws as of June 30, 2015, totaled \$6,383,947. Repayments of \$2,653,989 were made in FY'15 for Pooks Hill- midrise (\$66,500), HOC/HOP (\$2,384,363), and Holiday Park (2 x \$101,563). Repayments of \$2,126,878 are expected in FY'16 for Pooks Hill- midrise (\$66,500), HOC/HOP program (\$1,767,378), and to repay the loan made to purchase a work force unit in King Farm (\$293,000). HOC anticipates continued utilization of the revolving fund for the Housing Opportunities Commission Homeownership program (HOC/HOP) (\$2,500,000) as well as to take advantage of preservation opportunities in the market.

Coordination

Department of Finance, Department of Housing and Community Affairs

HOC Cty Guaranteed Bond Projects (P809482)

Category Housing Opportunities Commission
 Sub Category Housing
 Administering Agency Housing Opportunities Commission (AAGE12)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	-----------	----------	---------------	-------	-------	-------	-------	-------	-------	--------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	50,000	50,000	0	0	0	0	0	0	0	0
Total	50,000	50,000	0	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

HOC Bonds	50,000	50,000	0	0	0	0	0	0	0	0
Total	50,000	50,000	0	0	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		50,000
Expenditure / Encumbrances		50,000
Unencumbered Balance		0

Date First Appropriation	FY 14
First Cost Estimate	
Current Scope	FY 13 50,000
Last FY's Cost Estimate	50,000

Description

This project serves to identify the uses of Housing Opportunities Commission (HOC) bonds for housing construction and permanent mortgage financing. In addition, the County guarantee on these HOC revenue bonds may provide coinsurance with appropriate Federal, State, and private insurers on HOC revenue bonds and notes issued to finance new or existing residential units. These bonds will be backed by the revenues of the developments; by the pledge of subsidy funds if appropriate; and by the full faith and credit of Montgomery County. All developments financed under this approach will be self-supporting. They are included in the Capital Improvements Program (CIP) in order to provide the legal authorization of ultimate County backing of specific projects. This project reflects a total authorization of \$50 million. Control over specific projects which are given County backing is maintained by implementation procedures developed in accordance with local legislation. The legislation provides for specific approval by the County Council, except for certain stated uses for which County Executive approval is permitted, subject to action by the County Council at its discretion.

Justification

Relevant legislation and reports include: Code of Maryland as amended by State legislation providing for County backing of HOC bonds; Opportunity Housing legislation; report of the Task Force on Moderate Income Rental; and other studies. In the opinion of County bond counsel, inclusion in the CIP is required even though no County funds will be required.

Other

The County General Plan refinement stands in compliance with the General Plan requirement of the Maryland Economic Growth, Resource Protection, and Planning Act. County Master Plans must be in compliance with the General Plan.

Fiscal Note

The project has financed the development of housing units at The Oaks at Four Corners (120 units), Magruder's Discovery (134 Section 8 units), Spring Gardens (83 units), Chevy Chase Lake South (68 units), Fairfax Courts (18 units), Montgomery Arms apartments (132 units), The Metropolitan (308 units), Amherst Square (100 units) and Pooks Hill Courtyard (50 units). In FY'95, HOC repaid the Magruder's Discovery bond (\$5.7 million) and financed The Metropolitan (\$33.9 million). During FY'97, HOC repaid the \$4.1 million bond for The Oaks at Four Corners. In FY'98, the bonds that were used to finance The Metropolitan were repaid using bonds guaranteed under the FHA Risk-Sharing program. Subsequently, in FY'99, Pooks Hill's Courtyard (50 units) and Landings Edge (100 units), were financed using \$12.9 million in County G.O. bonds. In FY'07, HOC issued \$36.35 Million in Taxable Bond Anticipation Notes to fund the construction of MetroPointe. In 2008, HOC issued \$33.05 million in Fixed-Rate Tax-Exempt Short-Term Notes, which were expected to be redeemed and replaced with Long-Term Variable Bonds in 2009. However, continued dislocation in the Financial Markets necessitated the issuance of another Short-Term Financing. In FY'10, HOC issued \$32.3 million in 2 Year Fixed-Rate County Backed Notes which matured on January 1, 2012. Effective December 20, 2011, HOC issued \$33.585 million of Variable-Rate Tax-Exempt Multifamily Housing Development Bonds to, among other things, refinance the FY'10 Tax-Exempt Notes guaranteed by the County's General Obligation Pledge. On January 3, 2012, the two-year notes issued in FY'10 were repaid thereby releasing the County's General Obligation pledge. The mortgages on the property are insured by FHA pursuant to its Risk Sharing Agreement with HOC. The remaining G.O. Bond capacity as of July 1, 2015 is \$43,088,633.

Coordination

Department of Finance

Supplemental funds for Deeply Subsidized HOC Owned Units Improvements (P091501)

Category Housing Opportunities Commission
 Sub Category Housing
 Administering Agency Housing Opportunities Commission
 Planning Area (AAGE12)
 Countywide

Date Last Modified 5/6/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	10,000	0	2,500	7,500	1,250	1,250	1,250	1,250	1,250	0
Total	10,000	0	2,500	7,500	1,250	1,250	1,250	1,250	1,250	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	10,000	0	2,500	7,500	1,250	1,250	1,250	1,250	1,250	0
Total	10,000	0	2,500	7,500	1,250	1,250	1,250	1,250	1,250	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,250
Appropriation Request Est.	FY 18	1,250
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,500
Expenditure / Encumbrances		0
Unencumbered Balance		2,500

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	10,000
	7,500

Description

Typical improvements include, but are not limited to, replacement of roofs, windows and doors; improvements to unit interiors such as kitchen and bathroom modernization; replacement of major mechanical, electrical, plumbing systems and equipment; appliance replacement; life-safety improvements; site improvements such as fencing, site lighting, landscaping, and sidewalk and parking lot replacement. In the FY15-20 Capital Improvements Program this project was expanded to allow these funds to be used for deeply subsidized HOC owned unit improvements on public housing units both pre- and post- conversion.

Capacity

Income-restricted HOC owned units restricted to households making less than 60% of the median income for the Washington Metropolitan statistical area.

Cost Change

The increase is due to the addition of FY21 and FY22.

Justification

These properties are original MPDUs that are owned by HOC and are subject to Commission imposed or financing restrictions, or have approximately 15 years left on the Low Income Housing Tax Credit (LIHTC) restrictive covenants requiring continued affordability. Given the age of the properties, they now need comprehensive renovation but lack the net operating income to generate sufficient proceeds to both retire the existing debt and fund the vital renovations. Montgomery County has a higher property standard than the Federal government. In addition, neighbors in the communities with the units expect the properties to be well maintained. Many of these units are scattered throughout the County in communities governed by Home Owner Associations (HOAs), and some have higher standards than the County code. Additional funding is necessary if HOC units are to be maintained at levels consistent with community norms and standards. In an effort to stay true to its mandate to provide decent, safe and sanitary housing to low and moderate income residents in Montgomery County and to ensure that its properties and communities are maintained at a level consistent with community norms, HOC will use a combination of its own funds and County funds to make capital improvements to this housing stock.

Fiscal Note

The Commission's portfolio includes hundreds of income-restricted scattered site units throughout the county, most approximately 30 years of age. Many of these units were acquired into a Low Income Housing Tax Credit limited partnership more than 15 years ago and are subject to continued affordability restrictions under the LIHTC program. In addition, there are limited partnerships that are expected to contribute units to HOC and, upon doing so; HOC becomes the sole owner of these units. Finally, other units are simply older Moderately Priced Dwelling Units (MPDUs) that continue to be restricted to households of low- and moderate-income. With significant debt remaining on those units, the net operating income from these affordably priced units cannot support both the repayment of that debt and the additional proceeds needed to complete a comprehensive scope of renovation, which includes new windows, roof replacement, installation of energy-efficient heating and air conditioning systems, electrical and plumbing repairs, new flooring, new lighting, new cabinetry, installation of energy-efficient appliances, and new bathrooms.

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Coordination

Supplemental funds for Deeply Subsidized HOC Owned Units Improvements (P091501)

Maryland Department of Housing and Community Development, Department of Housing and Community Affairs

Demolition Fund (P091704)

Category Housing Opportunities Commission
 Sub Category Housing
 Administering Agency Housing Opportunities Commission
 Planning Area (AAGE12)
 Countywide

Date Last Modified 5/23/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	1,900	0	0	1,900	0	1,300	600	0	0	0
Total	1,900	0	0	1,900	0	1,300	600	0	0	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	1,900	0	0	1,900	0	1,300	600	0	0	0
Total	1,900	0	0	1,900	0	1,300	600	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	1,300
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 17 1,900
Last FY's Cost Estimate	1,900

Description

In an effort to replace some of the County's least sustainable affordable housing, deliver amenities not currently present along with the return of housing to those sites, and embed the new stock of affordable housing within mixed-income communities, the Housing Opportunities Commission (HOC) has vacated its Emory Grove Village property and is beginning the process of vacating its Ambassador property. The entitlement and permitting process for each site will take from two to four years. In the interim, upon vacating these sites, HOC will demolish the existing buildings such that they do not become blights on the surrounding neighborhoods.

Location

Gaithersburg and Wheaton

Capacity

Demolition of 216 units

Estimated Schedule

Demolition of Emory Grove Village will take approximately three months. Demolition of the Ambassador will take approximately five months.

Justification

Both Emory Grove Village and the Ambassador have physical capital needs that far outweigh their ability to support remediation. As both properties are 100 percent affordable, they have no resources available to fund improvements or demolition. Both properties are located on prominent corners and would remain vacant for a considerable period of time.

Fiscal Note

The estimated cost of demolition for Emory Grove Village is between \$600,000 and \$800,000 and estimated demolition costs for the Ambassador is between \$1.3 and \$1.5 million.

Coordination

Department of Finance, Department of Housing and Community Affairs, and the Department of Permitting Services

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 07/05/2016 12:53 PM

Housing Opportunities Commission

Housing

	Total Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
* Supplemental Funds for Public Housing Improvements (P017601)	9,841	9,628	213	0	0	0	0	0	0	0	0
* Sprinkler Systems for HOC Elderly Properties (P097600)	8,820	4,734	4,086	0	0	0	0	0	0	0	0
HOC Opportunity Housing Dev Fund (P767511)	4,500	1,140	3,360	0	0	0	0	0	0	0	0
HOC MPDU/Property Acq Fund (P768047)	12,507	6,384	6,123	0	0	0	0	0	0	0	0
HOC City Guaranteed Bond Projects (P809482)	50,000	50,000	0	0	0	0	0	0	0	0	0
Capital Needs for 236 Funded Elderly Properties (P137601)	730	285	445	0	0	0	0	0	0	0	0
Supplemental funds for Deeply Subsidized HOC Owned Units Improvements (P091501)	10,000	0	2,500	1,250	1,250	1,250	1,250	1,250	1,250	0	1,250
Demolition Fund (P091704)	1,900	0	0	0	1,300	600	0	0	0	0	0
	98,298	72,171	16,727	1,250	2,550	1,850	1,250	1,250	1,250	0	1,250
	98,298	72,171	16,727	1,250	2,550	1,850	1,250	1,250	1,250	0	1,250

Housing

Housing Opportunities Commission

REVENUE AUTHORITY

Falls Road G.C. Improvements (P967432)

Category Revenue Authority
 Sub Category Golf Courses
 Administering Agency Revenue Authority (AAGE20)
 Planning Area Cabin John

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	534	534	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,188	2,188	0	0	0	0	0	0	0	0	0
Construction	1,754	1,627	0	127	57	70	0	0	0	0	0
Other	73	73	0	0	0	0	0	0	0	0	0
Total	4,549	4,422	0	127	57	70	0	0	0	0	0
FUNDING SCHEDULE (\$000s)											
Revenue Authority	4,549	4,422	0	127	57	70	0	0	0	0	0
Total	4,549	4,422	0	127	57	70	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	127
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,422
Expenditure / Encumbrances		4,422
Unencumbered Balance		0

Date First Appropriation	FY 96
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	4,422

Description

This project provides for improvements at Falls Road Golf Course. Modifications to the existing clubhouse food service area will be completed in FY17. The stream connection project to address erosion and drainage issues was completed in FY15.

Location

10800 Falls Road, Potomac MD

Cost Change

Increase due to modification of the food services facility.

Justification

The planned modifications to the food services facility will provide patrons a broader selection of food options with quick, efficient service.

Coordination

Montgomery County Department of Permitting Services, Maryland Department of the Environment

HG Restroom Amenities and Grille (P391501)

Category Revenue Authority
 Sub Category Golf Courses
 Administering Agency Revenue Authority (AAGE20)
 Planning Area Silver Spring

Date Last Modified 10/13/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	20	0	0	20	20	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	320	12	88	220	220	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	340	12	88	240	240	0	0	0	0	0	0
FUNDING SCHEDULE (\$000s)											
Revenue Authority	340	12	88	240	240	0	0	0	0	0	0
Total	340	12	88	240	240	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	240
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		100
Expenditure / Encumbrances		12
Unencumbered Balance		88

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	100

Description

This project provides for the construction of a new building with a restroom and grille/snack bar area at Hampshire Greens Golf Course near the 9th tee approach between the range and the tee. In FY17, modifications will be made to the irrigation system to improve reliability and coverage.

Location

616 Firestone Dr, Silver Spring MD

Cost Change

Increase due to planned modifications to the irrigation system.

Coordination

Maryland Department of the Environment, Montgomery County Department of Permitting Services

Little Bennett Golf Course (P093903)

Category Revenue Authority
 Sub Category Golf Courses
 Administering Agency Revenue Authority (AAGE20)
 Planning Area Clarksburg

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	3	3	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	252	135	117	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	255	138	117	0	0	0	0	0	0	0	0
FUNDING SCHEDULE (\$000s)											
Revenue Authority	255	138	117	0	0	0	0	0	0	0	0
Total	255	138	117	0	0	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		255
Expenditure / Encumbrances		138
Unencumbered Balance		117

Date First Appropriation	FY 09	
First Cost Estimate		
Current Scope	FY09	255
Last FY's Cost Estimate		255

Description

This project provides for improvements at Little Bennett Golf Course located at 25900 Prescott Road in Clarksburg. The improvements include upgrades to the irrigation system and the clubhouse. The clubhouse renovation includes expansion of the seating area to better accommodate groups, which will improve revenue performance.

Location

25900 Prescott Road, Clarksburg MD

Justification

The clubhouse remodeling will expand the seating area to better accommodate group functions and improve revenue performance. The irrigation system is central to the infrastructure of the course.

Coordination

Maryland-National Capital Parks and Planning, Montgomery County Department of Permitting Services

Needwood Golf Course (P113900)

Category Revenue Authority
 Sub Category Golf Courses
 Administering Agency Revenue Authority (AAGE20)
 Planning Area Shady Grove Vicinity

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	7	7	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,306	0	0	1,306	600	706	0	0	0	0	0
Construction	44	44	0	0	0	0	0	0	0	0	0
Other	73	73	0	0	0	0	0	0	0	0	0
Total	1,430	124	0	1,306	600	706	0	0	0	0	0
FUNDING SCHEDULE (\$000s)											
Revenue Authority	1,430	124	0	1,306	600	706	0	0	0	0	0
Total	1,430	124	0	1,306	600	706	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,200
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		230
Expenditure / Encumbrances		124
Unencumbered Balance		106

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY 11
Last FY's Cost Estimate	1,430

Description

This project provides for improvements to Needwood Golf Course. In FY17 and FY18, this project will provide for a complete replacement of the irrigation system at this facility.

Location

6724 Needwood Road, Derwood MD

Coordination

Maryland Department of the Environment, Montgomery County Department of Permitting Services

Northwest Golf Course (P113901)

Category Revenue Authority
 Sub Category Golf Courses
 Administering Agency Revenue Authority (AAGE20)
 Planning Area Kensington-Wheaton

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	15	15	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	508	508	0	0	0	0	0	0	0	0	0
Construction	793	99	126	568	189	189	190	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,316	622	126	568	189	189	190	0	0	0	0
FUNDING SCHEDULE (\$000s)											
Revenue Authority	1,316	622	126	568	189	189	190	0	0	0	0
Total	1,316	622	126	568	189	189	190	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	35
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,091
Expenditure / Encumbrances		622
Unencumbered Balance		469

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY 11
Last FY's Cost Estimate	1,316

Description

This project provides for improvements at Northwest Golf Course including modifying the existing golf course, and improving the playability for different levels of golfers.

Location

15711 Layhill Road, Wheaton MD

Justification

The public daily fee golf course must cater to the diverse abilities of many golfers, from low to high handicappers, by providing both appropriate levels of strategy and challenge and an interesting and pleasant setting in which to play the game. The objective of the improvements is to provide maximum playability, enhance visual quality, and allow for the most efficient maintenance of the golf course. The project proposes improvements to the golf course which serve to enhance the existing character and playability, while employing contemporary standards for design, construction, and maintenance.

Coordination

Maryland Department of the Environment, Montgomery County Department of Permitting Services

Poolesville Golf Course (P997458)

Category Revenue Authority
 Sub Category Golf Courses
 Administering Agency Revenue Authority (AAGE20)
 Planning Area Poolesville

Date Last Modified 8/25/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	120	100	0	20	0	20	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	285	285	0	0	0	0	0	0	0	0	0
Construction	1,530	917	183	430	0	430	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,935	1,302	183	450	0	450	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Revenue Authority	1,935	1,302	183	450	0	450	0	0	0	0	0
Total	1,935	1,302	183	450	0	450	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,935
Expenditure / Encumbrances		1,302
Unencumbered Balance		633

Date First Appropriation	FY 99
First Cost Estimate	
Current Scope	FY 11 1,935
Last FY's Cost Estimate	1,935

Description

This project provides for improvements at Poolesville Golf Course including the repair and replacement of cart paths throughout the golf course as well as improvements to playing areas.

Location

16601 West Willard Road, Poolesville MD

Justification

The projects addresses long-term infrastructure needs

Coordination

Maryland Department of the Environment, Montgomery County Department of Permitting Services

Rattlewood Golf Course (P391701)

Category Revenue Authority
 Sub Category Golf Courses
 Administering Agency Revenue Authority (AAGE20)
 Planning Area Damascus

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	60	0	0	60	60	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	60	0	0	60	60	0	0	0	0	0	0
FUNDING SCHEDULE (\$000s)											
Revenue Authority	60	0	0	60	60	0	0	0	0	0	0
Total	60	0	0	60	60	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	60
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 17
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	0

Description

This project provides for improvements at Rattlewood Golf Course including updates/enhancements to the irrigation system to address water concerns.

Location

13501 Penn Shop Road, Mount Airy, MD 21771.

Estimated Schedule

Construction is expected to be completed in FY17.

Justification

The public daily fee golf course must cater to the diverse abilities of many golfers, from low to high handicappers, by providing both appropriate levels of strategy and challenge and an interesting and pleasant setting in which to play the game. The project proposes enhancements to the irrigation system to address water constraints. The objective of the improvements is to provide maximum playability, enhance visual quality, and allow for the most efficient maintenance of the golf course.

Coordination

Maryland Department of the Environment, Montgomery County Department of Permitting Services

Montgomery County Airpark (P703909)

Category	Revenue Authority	Date Last Modified	11/17/14
Sub Category	Miscellaneous Projects (Revenue Authority)	Required Adequate Public Facility	No
Administering Agency	Revenue Authority (AAGE20)	Relocation Impact	Yes
Planning Area	Gaithersburg	Status	Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	3,911	1,911	300	1,700	300	500	300	500	100	0	0
Land	38,894	23,133	1,261	14,500	3,300	2,700	0	0	8,500	0	0
Site Improvements and Utilities	6,235	6,235	0	0	0	0	0	0	0	0	0
Construction	10,706	5,406	0	5,300	300	2,000	1,500	1,500	0	0	0
Other	1,002	1,002	0	0	0	0	0	0	0	0	0
Total	60,748	37,687	1,561	21,500	3,900	5,200	1,800	2,000	8,600	0	0

FUNDING SCHEDULE (\$000s)											
Contributions	85	85	0	0	0	0	0	0	0	0	0
Federal Aid	54,597	33,842	1,405	19,350	3,510	4,680	1,620	1,800	7,740	0	0
Revenue Authority	3,033	1,880	78	1,075	195	260	90	100	430	0	0
State Aid	3,033	1,880	78	1,075	195	260	90	100	430	0	0
Total	60,748	37,687	1,561	21,500	3,900	5,200	1,800	2,000	8,600	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0	Date First Appropriation	FY 70
Appropriation Request Est.	FY 18	0	First Cost Estimate	
Supplemental Appropriation Request		0	Current Scope	FY 17 60,748
Transfer		0	Last FY's Cost Estimate	61,353
Cumulative Appropriation		49,653		
Expenditure / Encumbrances		37,687		
Unencumbered Balance		11,966		

Description

The Montgomery County Airpark is a general aviation reliever airport located at 7940 Airpark Drive in Gaithersburg. The Montgomery County Revenue Authority (MCRA) updated the Airport Layout Plan (ALP) in 2002. The updated ALP identifies the projects and plans the sequencing for continued airport improvement. An Environmental Study of the ALP identified projects for the first five years and was completed in December 2005. Federal funds for the Airpark are approved by the Federal Aviation Administration (FAA) through the Airport Capital Improvement Plan (ACIP). FAA priorities for funding airport projects include promoting safety and security; preserving existing infrastructure; mitigating noise or environmental impacts; fulfilling compliance; and providing capacity. Projects to be completed in the FY17-22 six-year period include the following: FY17 - Rehab Taxiway - Phase 1 - \$3,900,000, FY17 - Land Acquisition - \$2,600,000, FY18 - Land Acquisition - \$2,600,000, FY19 - Demolish Buildings- Design - \$1,800,000, FY20 - Rehabilitate Taxiway - Phase 2 - \$2,000,000, FY21 - Demolish Buildings - Construction - \$5,000,000, FY21 - Demolish Buildings Construction- \$3,600,000, for a total of \$21,500,000.

Location

7940 Airpark Drive, Gaithersburg MD

Cost Change

Change reflects funding schedule per the Federal Aviation Administration Airport Capital Improvement Program and project slippage.

Justification

The recommended acquisitions, easements, and obstruction removals address obstructions to air navigation and protect life and property on the ground. Activities are based on Federal Aviation Administration design standards and guidelines. The basis for the planned improvements is the Airport Layout Plan (ALP) approved by the FAA on July 25, 2002 and the Airport Capital Improvement Plan (ACIP) for 2011 -2016 submitted to the FAA.

Fiscal Note

The funding schedule is per the Federal Aviation Administration Airport Capital Improvement Program. Funding will provide for preliminary acquisition of properties as required by the FAA for the runway protection zone and for planning for the removal of obstructions to Runway 32. Future funding may be affected by changes to the federal budget and FAA funding levels. Typically, funding for all Airpark projects is approximately 90 percent Federal, 5 percent State, and 5 percent Revenue Authority. These percentages may change according to the future funding levels of the FAA.

Disclosures

A pedestrian impact analysis has been completed for this project.

Revenue Authority (A20) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Federal Aviation Administration, Maryland Aviation Administration, Maryland-National Capital Park and Planning Commission, Airport Liaison Committee

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 07/12/2016 9:40 AM

	Total Thru FY16	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
Revenue Authority (C14)											
Golf Courses											
Little Bennett Golf Course (P093903)	255	138	117	0	0	0	0	0	0	0	0
Needwood Golf Course (P113900)	1,430	124	0	1,306	600	706	0	0	0	0	1,200
Northwest Golf Course (P113901)	1,316	622	126	568	189	190	0	0	0	0	0
Falls Road G.C. Improvements (P967432)	4,549	4,422	0	127	57	70	0	0	0	0	127
Poolesville Golf Course (P997458)	1,935	1,302	183	450	0	450	0	0	0	0	0
HG Restroom Amenities and Grille (P391501)	340	12	88	240	0	0	0	0	0	0	240
Rattlewood Golf Course (P391701)	60	0	0	60	0	0	0	0	0	0	60
	9,885	6,820	514	2,751	1,146	1,415	180	0	0	0	1,627
Miscellaneous Projects (Revenue Authority)											
Montgomery County Airport (P703909)	60,748	37,687	1,561	21,500	3,900	5,200	1,800	2,000	8,500	0	0
	60,748	37,687	1,561	21,500	3,900	5,200	1,800	2,000	8,500	0	0
	70,633	44,307	2,075	24,251	5,046	6,615	1,980	2,000	8,500	0	1,627

* = Closeout or Pending Closeout

CIP230 - CC Approved

MONTGOMERY COUNTY PUBLIC SCHOOLS

ADA Compliance: MCPS (P796235)

Category Montgomery County Public Schools
 Sub Category Countywide
 Administering Agency Public Schools (AAGE18)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	7,000	3,614	810	2,576	630	630	329	329	329	329	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	21,593	12,979	2,190	6,424	1,470	1,470	871	871	871	871	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	28,593	16,593	3,000	9,000	2,100	2,100	1,200	1,200	1,200	1,200	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	28,593	16,593	3,000	9,000	2,100	2,100	1,200	1,200	1,200	1,200	0
Total	28,593	16,593	3,000	9,000	2,100	2,100	1,200	1,200	1,200	1,200	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,100
Appropriation Request Est.	FY 18	2,100
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		19,593
Expenditure / Encumbrances		16,593
Unencumbered Balance		3,000

Date First Appropriation	FY 79
First Cost Estimate	
Current Scope	FY 96
Last FY's Cost Estimate	16,615
	24,393

Description

Federal and State laws require MCPS to provide program accessibility for all of its activities and to consider various forms of accessibility improvements at existing facilities on a continuing basis. While MCPS provides program accessibility in a manner consistent with current laws, a significant number of existing facilities not scheduled for modernization in the current six-year CIP are at least partially inaccessible for a variety of disabling conditions. Some combination of elevators, wheelchair lifts, restroom modifications, and other site-specific improvements are required at many of these facilities. Since disabilities of eligible individuals must be considered on a case-by-case basis, additional modifications such as automatic door openers, access ramps, and curb cuts may be required on an ad hoc basis even in facilities previously considered accessible. The increased mainstreaming of special education students has contributed to modifications to existing facilities. Certain ADA modifications results in significant cost avoidance, since transportation may have to be provided for individuals to other venues or programs. On September 15, 2010, the Department of Justice approved revisions to Title II of the Americans with Disabilities Act (ADA), that will require local and state government agencies to comply with these revisions. An FY 2013 appropriation was approved to begin the assessment of MCPS facilities to comply with the approved revision of Title II of the ADA. An FY 2014 appropriation was approved to continue this level of effort project. An FY 2015 appropriation was approved to continue remediation to address the revisions to Title II of the ADA. An FY 2016 appropriation was approved to continue this level of effort project. An FY 2017 appropriation was approved to complete facility modifications due to the revisions of Title II of the ADA and also to continue to provide accessibility modifications where necessary throughout the school system.

Other

ADA requirements are addressed in other projects, including many transportation and renovation projects.

Fiscal Note

State Reimbursement: Not eligible

Disclosures

Expenditures will continue indefinitely.

Coordination

Advisory Committee for the Handicapped

Asbestos Abatement: MCPS (P816695)

Category Montgomery County Public Schools
 Sub Category Countywide
 Administering Agency Public Schools (AAGE18)
 Planning Area Countywide

Date Last Modified 5/18/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	11,848	6,962	50	4,836	806	806	806	806	806	806	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	5,962	3,728	200	2,034	339	339	339	339	339	339	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	17,810	10,690	250	6,870	1,145	1,145	1,145	1,145	1,145	1,145	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	17,810	10,690	250	6,870	1,145	1,145	1,145	1,145	1,145	1,145	0
Total	17,810	10,690	250	6,870	1,145	1,145	1,145	1,145	1,145	1,145	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,145
Appropriation Request Est.	FY 18	1,145
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		10,940
Expenditure / Encumbrances		10,690
Unencumbered Balance		250

Date First Appropriation	FY 81
First Cost Estimate	
Current Scope	FY 96 147,218
Last FY's Cost Estimate	15,520

Description

Comprehensive asbestos management services for all facilities in the school system ensure compliance with the existing Federal Asbestos Hazard Emergency Response Act (AHERA). MCPS has produced major cost savings for asbestos abatement by an innovative plan with an in-house team of licensed abatement technicians for its numerous small abatement projects and required semi-annual inspections. Cost containment measures, a more competitive bidding environment, and development of a comprehensive data base and management plan also have contributed to significant expenditure reductions. This project is based on the approved management plan for all facilities in the system. Actual abatement and the subsequent restoration of facilities are funded through this project. An FY 2015 appropriation was approved to continue funding asbestos abatement projects systemwide. An FY 2016 appropriation was approved to continue this level of effort project. An FY 2017 appropriation was approved to continue asbestos abatement projects at facilities throughout the school system.

Disclosures

Expenditures will continue indefinitely.

Coordination

Maryland Department of the Environment, Department of Environmental Protection, State Department of Education, Department of Health
 FY 2017 -- Salaries and Wages: \$817K, Fringe Benefits \$376K, Workyears: 10
 FY 2018-2022 -- Salaries and Wages: \$4.085M, Fringe Benefits: \$1.880M, Workyears 50

Building Modifications and Program Improvements (P076506)

Category Montgomery County Public Schools
 Sub Category Countywide
 Administering Agency Public Schools (AAGE18)
 Planning Area Countywide

Date Last Modified 5/23/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	5,897	3,852	765	1,280	640	640	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	28,782	21,482	2,580	4,720	2,360	2,360	0	0	0	0	0
Other	1,260	660	200	400	200	200	0	0	0	0	0
Total	35,939	25,994	3,545	6,400	3,200	3,200	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Contributions	2,555	2,510	45	0	0	0	0	0	0	0	0
G.O. Bonds	33,384	23,484	3,500	6,400	3,200	3,200	0	0	0	0	0
Total	35,939	25,994	3,545	6,400	3,200	3,200	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	3,200
Appropriation Request Est.	FY 18	3,200
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		29,539
Expenditure / Encumbrances		25,994
Unencumbered Balance		3,545

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY07
Last FY's Cost Estimate	28,194

Description

This project will provide facility modifications to support program offerings at schools that are not scheduled for capital improvements in the six-year CIP. These limited modifications to instruction and support spaces are needed to provide adequate space for new or expanded programs and administrative support space for schools that are not included in the revitalization/expansion program. An FY 2012 appropriation was approved to continue to provide facility modifications at various schools throughout the system. Facility modifications in FY 2013 and beyond will be determined based on the need for space modifications/upgrades to support new or modified program offerings. Due to fiscal constraints, expenditures requested in the Board of Education's FY 2011-2016 CIP for FYs 2013-2016 were removed by the County Council in the adopted FY.2011-2016 CIP. An FY 2013 appropriation was approved to renovate science laboratories at one high school and provide special education facility modifications for two elementary schools and two high schools. An FY 2014 appropriation was approved to continue to provide facility modifications and program improvements to various schools throughout the county. An FY 2015 appropriation was approved for modifications to schools due to special education program changes; science laboratory upgrades at secondary schools; space modifications for program requirements; as well as two specific one-time projects—the construction of an auxiliary gymnasium at Thomas Pyle Middle School and classroom modifications at the Whittier Woods Center to be used by Walt Whitman High School. An FY 2015 appropriation was approved for \$1.3 million for the installation of artificial turf at Winston Churchill High School. An FY 2016 appropriation was approved for modifications to schools due to special education program changes, space modifications for program requirements, and computer lab conversions at various schools throughout the county. An FY 2016 supplemental appropriation for \$45,410 was approved to begin the design of the artificial turf installation at Somerset Elementary School. An FY 2017 appropriation was approved, however, it was \$2.0 million less than the Board of Education's request and will fund program changes to address space deficits through building modifications.

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshall, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Current Revitalizations/Expansions(P926575)

Category Montgomery County Public Schools
 Sub Category Countywide
 Administering Agency Public Schools (AAGE18)
 Planning Area Countywide

Date Last Modified 5/20/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	89,735	43,965	8,741	37,029	9,367	9,330	6,795	6,027	5,510	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	202,756	78,010	17,359	107,387	10,434	23,430	20,928	9,979	26,216	16,400	0
Construction	1,053,697	326,591	91,276	557,574	68,894	67,489	147,036	97,069	79,792	97,294	78,256
Other	42,778	14,046	3,278	24,554	2,599	2,609	3,538	7,408	3,100	5,300	900
Total	1,388,966	462,612	120,654	726,544	91,294	102,858	178,297	120,483	114,618	118,994	79,156

FUNDING SCHEDULE (\$000s)											
Contributions	2,791	2,791	0	0	0	0	0	0	0	0	0
Current Revenue: General	44	0	0	44	44	0	0	0	0	0	0
Current Revenue: Recordation Tax	113,351	36,142	1,984	75,225	23,047	11,489	13,936	26,753	0	0	0
G.O. Bonds	1,079,991	344,496	97,277	559,062	34,033	77,765	142,925	70,727	114,618	118,994	79,156
School Facilities Payment	696	517	138	41	41	0	0	0	0	0	0
Schools Impact Tax	80,970	19,056	0	61,914	3,871	13,604	21,436	23,003	0	0	0
State Aid	111,123	59,610	21,255	30,258	30,258	0	0	0	0	0	0
Total	1,388,966	462,612	120,654	726,544	91,294	102,858	178,297	120,483	114,618	118,994	79,156

OPERATING BUDGET IMPACT (\$000s)											
Energy				3,515	869	1,178	734	734	0	0	
Maintenance				7,872	1,770	2,598	1,752	1,752	0	0	
Net Impact				11,387	2,639	3,776	2,486	2,486	0	0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	15,342
Appropriation Request Est.	FY 18	261,463
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		758,551
Expenditure / Encumbrances		462,612
Unencumbered Balance		295,939

Date First Appropriation	
First Cost Estimate	
Current Scope	331,923
Last FY's Cost Estimate	1,455,058

Description

This project combines all current revitalization/expansion projects as prioritized by the FACT assessments. Future projects with planning in FY 2019 or later are in PDF No. 886536. Due to fiscal constraints, the County Council adopted FY 2015-2020 CIP includes a one year delay, beyond the Board of Education's request, for elementary school projects and a one year delay of secondary school projects beginning with Tilden Middle School and Seneca Valley High School; however, all planning funds remained on the Board of Education's requested schedule. An FY 2015 appropriation was approved to provide planning funds for two revitalization/expansion projects, construction funds for one revitalization/expansion project and the balance of funding for three revitalization/expansion projects. An FY 2015 supplemental appropriation of a \$2.5 million contribution from Junior Achievement of Greater Washington was approved to include a Junior Achievement Finance Park during the revitalization of Thomas Edison High School of Technology. An FY 2016 appropriation was approved for the balance of funding for one project, construction funding for four projects, and planning funding for five projects. The Board of Education's FY 2017-2022 CIP maintained the approved completion dates for the revitalization/expansion program. However, due to fiscal constraints, the County Council's adopted FY17-22 CIP includes a one year delay of elementary school revitalization/expansion projects beginning with Cold Spring Elementary School. An FY 2017 appropriation was approved to build out the 24 classroom shell at Wheaton High School, and the balance of funding for Wayside, Brown Station and Wheaton Woods elementary schools and Thomas Edison High School of Technology.

Disclosures

Expenditures will continue indefinitely.

Public Schools (A18) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshal Inspections, Department of Transportation, Sediment Control, Stormwater Management, WSSC Permits

Design and Construction Management (P746032)

Category Montgomery County Public Schools
 Sub Category Countywide
 Administering Agency Public Schools (AAGE18)
 Planning Area Countywide

Date Last Modified 5/18/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	75,575	44,453	1,722	29,400	4,900	4,900	4,900	4,900	4,900	4,900	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	75,575	44,453	1,722	29,400	4,900	4,900	4,900	4,900	4,900	4,900	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	75,575	44,453	1,722	29,400	4,900	4,900	4,900	4,900	4,900	4,900	0
Total	75,575	44,453	1,722	29,400	4,900	4,900	4,900	4,900	4,900	4,900	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	4,900
Appropriation Request Est.	FY 18	4,900
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		46,175
Expenditure / Encumbrances		44,453
Unencumbered Balance		1,722

Date First Appropriation	FY 74
First Cost Estimate	
Current Scope	FY 96 19,723
Last FY's Cost Estimate	65,775

Description

This project funds positions essential for implementation of the multi-year capital improvements program. Personnel provide project administration, in-house design, and engineering services in the Department of Facilities Management and the Division of Construction. An FY 2011 appropriation was approved for salaries of 41 current staff, legal fees and other non-reimbursable costs for MCPS real estate issues, as well as the transfer of three positions previously in the HVAC PDF. Due to fiscal constraints, \$100,000 annually, for a total of \$600,000 was removed from this PDF to reflect the reduction of COLAs and step increases for MCPS staff. An FY 2012 appropriation was approved. An FY 2013 appropriation was approved for salaries, legal fees and other non-reimbursable costs for MCPS related real estate issues. An FY 2014 appropriation was approved for this project. An FY 2015 appropriation was approved for salaries of 44 current staff, legal fees and other non-reimbursable costs for MCPS real estate issues. An FY 2016 appropriation was approved for salaries of current staff, legal fees and other non-reimbursable costs for MCPS real estate issues. An FY 2017 appropriation was approved to continue this level of effort project.

Fiscal Note

State Reimbursement: Not eligible

Disclosures

Expenditures will continue indefinitely.

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshall, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits FY 2017 – Salaries and Wages: \$3.581M, Fringe Benefits: \$895K, Workyears 44 FY 2018-2022 – Salaries and Wages \$17.905M, Fringe Benefits: \$4.475M, Workyears: 220

Energy Conservation: MCPS (P796222)

Category Montgomery County Public Schools
 Sub Category Countywide
 Administering Agency Public Schools (AAGE18)
 Planning Area Countywide

Date Last Modified 5/18/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	5,040	2,890	200	1,950	325	325	325	325	325	325	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	27,939	16,274	1,543	10,122	1,687	1,687	1,687	1,687	1,687	1,687	0
Other	885	570	45	270	45	45	45	45	45	45	0
Total	33,864	19,734	1,788	12,342	2,057	2,057	2,057	2,057	2,057	2,057	0

FUNDING SCHEDULE (\$000s)											
Federal Stimulus	1,624	1,624	0	0	0	0	0	0	0	0	0
G.O. Bonds	31,552	17,422	1,788	12,342	2,057	2,057	2,057	2,057	2,057	2,057	0
State Aid	688	688	0	0	0	0	0	0	0	0	0
Total	33,864	19,734	1,788	12,342	2,057	2,057	2,057	2,057	2,057	2,057	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				-996	-498	-498	0	0	0	0	0
Maintenance				-928	-464	-464	0	0	0	0	0
Net Impact				-1,924	-962	-962	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,057
Appropriation Request Est.	FY 18	2,057
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		21,522
Expenditure / Encumbrances		17,585
Unencumbered Balance		3,937

Date First Appropriation	FY 79
First Cost Estimate	
Current Scope	FY 96 8,061
Last FY's Cost Estimate	29,750

Description

The MCPS Energy Conservation Program has saved more than \$34 million since the project began in FY 1978. The project has been reviewed by the Interagency Committee on Energy and Utility Management. The program is designed to reduce energy consumption by improving building mechanical systems, retrofitting building lighting and control systems, and controlling HVAC equipment through computer management systems. Computer systems currently control the operation of most MCPS facilities. New and modernized schools are built with the latest technological advances to achieve higher levels of energy savings. Energy conservation staff review new construction mechanical guidelines and designs. Staff also inspect and perform computer diagnostics of HVAC installations for operational efficiency and review certain aspects of indoor air quality. To date, 197 facilities have energy management system installations; to keep up with advances in computer technology, each is on a schedule for upgrade and/or replacement energy management system installations, 65 remain to be upgraded or replaced. Expenditures in the six-year period will address the controls system integration, the energy management system upgrades, and continue the countywide lighting modernization schedule. An FY 2014 appropriation was approved to continue this project. An FY 2015 appropriation was approved to continue this level of effort project. An FY 2016 appropriation was approved to continue the upgrades/replacements necessary to reduce energy consumption at MCPS facilities. An FY 2017 appropriation was approved to continue this level of effort project to provide upgrades/replacements of building mechanical systems.

Disclosures

Expenditures will continue indefinitely.

Public Schools (A18) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Montgomery College, County Government, Comprehensive Facilities Plan, Interagency Committee - Energy and Utilities Management, MCPS Resource Conservation Plan, County Code 8-14a FY 2017 -- Salaries and Wages: \$140K, Fringe Benefits: \$65K, Workyears: 1.5 FY 2018-2022 -- Salaries and Wages: \$700K, Fringe Benefits: \$325K, Workyears: 7.5

Facility Planning: MCPS (P966553)

Category Montgomery County Public Schools
 Sub Category Countywide
 Administering Agency Public Schools (AAGE18)
 Planning Area Countywide

Date Last Modified 5/26/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	11,767	8,345	512	2,910	635	535	360	460	460	460	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	11,767	8,345	512	2,910	635	535	360	460	460	460	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	4,459	3,548	114	797	155	120	108	138	138	138	0
Current Revenue: Recordation Tax	885	885	0	0	0	0	0	0	0	0	0
G.O. Bonds	6,423	3,912	398	2,113	480	415	252	322	322	322	0
Total	11,767	8,345	512	2,910	635	535	360	460	460	460	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	635
Appropriation Request Est.	FY 18	535
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		8,857
Expenditure / Encumbrances		9,539
Unencumbered Balance		-682

Date First Appropriation	FY 96
First Cost Estimate	
Current Scope	FY 96
Last FY's Cost Estimate	10,997

Description

The facility planning process provides preliminary programs of requirements (PORs), cost estimates, and budget documentation for selected projects. This project serves as the transition stage from the master plan or conceptual stage to inclusion of a stand-alone project in the CIP. There is a continuing need for the development of accurate cost estimates and an exploration of alternatives for proposed projects. Implementation of the facility planning process results in realistic cost estimates, fewer and less significant cost overruns, fewer project delays, and improved life-cycle costing of projects. In the past, this project was funded solely by current revenue; however, as a result of new environmental regulation changes, design of site development concept plans must be done during the facility planning phase in order to obtain necessary site permits in time for the construction phase. Therefore, the funding sources shown on this PDF reflect the appropriate portions for both current revenue and GO bonds. Due to fiscal constraints, the County Council, in the adopted FY 2011-2016 CIP, reduced the expenditures in FYs 2013-2016 for this project. An FY 2012 appropriation was approved to continue this project. An FY 2013 appropriation was approved for the pre-planning of three elementary school revitalization/expansion projects, one middle school revitalization/expansion project, six elementary school additions, and one middle school addition. An FY 2014 appropriation and amendment to the FY 2013-2018 CIP was approved to provide an additional \$220,000 for this project to conduct feasibility studies to address overutilization at various school throughout the county. An FY 2015 appropriation was approved for the pre-planning of nine elementary school additions, five middle school additions, one high school addition, one new elementary school, and four elementary school and one high school revitalization/expansion projects. An FY 2016 appropriation and amendment to the adopted CIP was approved for the preplanning of two elementary school additions, five high school additions, and one middle school addition. An FY 2017 appropriation was approved for the preplanning for additions at one elementary school, one middle school, and two high schools, as well as preplanning for revitalization/expansions at four elementary schools, one middle school, and one high school.

Disclosures

Expenditures will continue indefinitely.

Fire Safety Code Upgrades (P016532)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
Public Schools (AAGE18)
Countywide

Date Last Modified 5/23/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	4,490	2,330	100	2,060	750	750	140	140	140	140	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	20,993	9,439	346	11,208	4,250	4,250	677	677	677	677	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	25,483	11,769	446	13,268	5,000	5,000	817	817	817	817	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	25,483	11,769	446	13,268	5,000	5,000	817	817	817	817	0
Total	25,483	11,769	446	13,268	5,000	5,000	817	817	817	817	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	5,000
Appropriation Request Est.	FY 18	5,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		12,215
Expenditure / Encumbrances		12,115
Unencumbered Balance		100

Date First Appropriation	FY 01
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	15,483

Description

This project addresses sprinklers, escape windows, exit signs, fire alarm devices, exit stairs, and hood and fire suppression systems to comply with annual Fire Marshal inspections. An FY 2011 appropriation was approved to continue this program to maintain code compliance and life-cycle equipment replacement. An FY 2012 appropriation was approved to continue this level of effort project. An FY 2013 appropriation was approved to maintain life safety code compliance and equipment life-cycle replacements at MCPS facilities systemwide. An FY 2014 appropriation was approved to continue this project. An FY 2015 appropriation was approved to continue this level of effort project and maintain life safety code compliance through equipment replacement such as fire alarm systems that will be over 20 years old and will have exceeded their anticipated life-cycle. An FY 2016 appropriation was approved to continue this level of effort project. An FY 2017 appropriation was approved to continue this level of effort project as well as address code compliance issues related to the storage of flammable materials at schools systemwide.

Coordination

Fire Marshal

Future Revitalizations/Expansions(P886536)

Category Montgomery County Public Schools
Sub Category Countywide
Administering Agency Public Schools (AAGE18)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	11,150	0	0	10,750	0	0	1,400	2,414	5,436	1,500	400
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	18,241	0	0	9,021	0	0	0	0	0	9,021	9,220
Construction	122,517	0	0	527	0	0	0	0	0	527	121,990
Other	3,000	0	0	0	0	0	0	0	0	0	3,000
Total	154,908	0	0	20,298	0	0	1,400	2,414	5,436	11,048	134,610

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	154,908	0	0	20,298	0	0	1,400	2,414	5,436	11,048	134,610
Total	154,908	0	0	20,298	0	0	1,400	2,414	5,436	11,048	134,610

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	50,028
Last FY's Cost Estimate	150,076

Description

The Board of Education strongly supports the upgrading of facilities through comprehensive revitalization/expansion to replace major building systems and to bring schools up to current educational standards. As feasibility studies are completed and architectural planning is scheduled, individual schools move from this project to the Current Revitalization/Expansion PDF No. 926575. The adopted FY 2011-2016 CIP moved three elementary schools, one middle school, and one high school from this project to the Current Revitalization/Expansion project. Also, the adopted FY 2011-2016 CIP provided completion dates for one middle school and one high school. The Board of Education's Requested FY 2013-2018 CIP moves three elementary schools and one high school from this project to the Current Revitalization/Expansion project. Also, based on the new Facility Assessment with Criteria and Testing (FACT) conducted in 2010-2011, eight elementary schools were appended to the current revitalization/expansion schedule. Due to fiscal constraints, the County Council's adopted FY 2013-2018 CIP includes a two year delay for middle school revitalizations/expansions beginning with Tilden Middle School and a two year delay for high school revitalizations/expansions beginning with Seneca Valley High School. The Board of Education's Requested FY 2015-2020 CIP moved one middle and one high school from this project to the Current Revitalization/Expansion project. Due to fiscal constraints the County Council adopted FY 2015-2020 CIP delayed elementary school projects one year beyond the Board of Education's request and delayed secondary projects one year beginning with Tilden Middle School and Seneca Valley High School; however, all planning funds remained on the Board of Education's requested schedule. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. Therefore, the revitalization/expansion projects beginning with Potomac ES, Tilden MS, and Seneca Valley HS will remain on their approved schedules. The Board of Education, in the FY 2017-2022 CIP, maintained the approved completion dates of all revitalization/expansion projects. However, due to fiscal constraints, the County Council's adopted FY17-22 CIP includes a one year delay of elementary school revitalization/expansions beginning with Cold Spring Elementary School. As a result of the Office of Legislative Oversight's study on the revitalization/expansion program, the FACT Review Committee will reconvene to review the FACT methodology and consider changes to parameters measured in FACT scoring. The Board of Education will, based on the superintendent's recommendation, determine, in the next CIP, how the queue of schools will be addressed. A complete list of the revitalization/expansion schedule is in Appendix E of the FY 2017 Educational Facilities Master Plan.

Disclosures

Expenditures will continue indefinitely.

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshal, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

HVAC (Mechanical Systems) Replacement: MCPS (P816633)

Category: Montgomery County Public Schools
 Sub Category: Countywide
 Administering Agency: Public Schools (AAGE18)
 Planning Area: Countywide

Date Last Modified: 5/26/16
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	41,700	10,100	2,100	29,500	5,000	3,000	3,000	6,000	6,000	6,500	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	182,977	51,805	7,672	123,500	23,000	15,000	15,000	22,500	22,000	26,000	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	224,677	61,905	9,772	153,000	28,000	18,000	18,000	28,500	28,000	32,500	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	1,000	0	0	1,000	1,000	0	0	0	0	0	0
G.O. Bonds	188,667	41,832	250	146,585	21,585	18,000	18,000	28,500	28,000	32,500	0
State Aid	35,010	20,073	9,522	5,415	5,415	0	0	0	0	0	0
Total	224,677	61,905	9,772	153,000	28,000	18,000	18,000	28,500	28,000	32,500	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	28,000
Appropriation Request Est.	FY 18	19,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		71,677
Expenditure / Encumbrances		61,905
Unencumbered Balance		9,772

Date First Appropriation	FY 81
First Cost Estimate	
Current Scope	FY 96
Last FY's Cost Estimate	16,388
	150,076

Description

This project provides for the systematic replacement of heating, ventilating, air conditioning, automated temperature controls, and plumbing systems for MCPS facilities. This replacement approach is based on indoor environmental quality (IEQ), energy performance, maintenance data, and the revitalization/expansion schedule. Qualifying systems and/or components are selected based on the above criteria and are prioritized within the CIP through a rating system formula. MCPS is participating in interagency planning and review to share successful and cost effective approaches. For projects on the revitalization/expansion schedule, the scope is reduced to the minimum necessary to maintain the operation of the existing mechanical system. Any new equipment installations will be salvaged at the time of the revitalization/expansion project and will be re-used. The County Council, in the adopted FY 2013-2018 CIP, significantly reduced the expenditures requested by the Board of Education for this project for FY 2014 and beyond. An FY 2014 appropriation and amendment to the FY 2013-2018 CIP was requested to provide an additional \$11.46 million above the adopted CIP to reinstate funds that were removed by the County Council during reconciliation in May 2012. However, the County Council, in the adopted FY 2013-2018 Amended CIP, approved only \$3.82 million of the \$11.46 million requested by the Board. Due to fiscal constraints, the County Council adopted FY 2015-2020 CIP reduced the FY 2016 expenditures requested by the Board of Education from \$28 million to \$16 million, but increased the outyears by a total of \$8 million (\$2 million in FYs 2017-2020). An FY 2015 appropriation was approved for mechanical systems upgrades and/or replacements at 3 high schools, 3 middle schools, and 11 elementary schools. An FY 2016 appropriation was approved for mechanical systems upgrades and/or replacements at Quince Orchard (Phase II) and Damascus (Phase III) high schools; Shady Grove (Phase II) Middle School; and Beall, Burning Tree, Captain Daly, Highland, and Rolling Terrace elementary schools. An FY 2017 appropriation was approved, but was \$3 million less than the Board of Education's request. The funds will be used for mechanical systems upgrades and/or replacements at John T. Baker (Phase I) and Silver Spring International middle schools; and Greencastle, Olney, Greenwood, Jones Lane, Stone Mill, Brooke Grove, Clearspring, Laytonsville, New Hampshire Estates, and Sligo Creek elementary schools.

Disclosures

Expenditures will continue indefinitely.

Public Schools (A18) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

CIP Master Plan for School Facilities

Improved (Safe) Access to Schools (P975051)

Category Montgomery County Public Schools
 Sub Category Countywide
 Administering Agency Public Schools (AAGE18)
 Planning Area Countywide

Date Last Modified 5/18/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,166	1,266	100	800	400	400	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	12,177	8,297	680	3,200	1,600	1,600	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	14,343	9,563	780	4,000	2,000	2,000	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	14,343	9,563	780	4,000	2,000	2,000	0	0	0	0	0
Total	14,343	9,563	780	4,000	2,000	2,000	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,000
Appropriation Request Est.	FY 18	2,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		10,343
Expenditure / Encumbrances		9,563
Unencumbered Balance		780

Date First Appropriation	FY 97	
First Cost Estimate		
Current Scope	FY 97	1,185
Last FY's Cost Estimate		10,343

Description

This project addresses vehicular and pedestrian access to schools. It may involve the widening of a street or roadway, obtaining rights-of-way for school access or exit, or changing or adding entrance/exits at various schools. These problems may arise at schools where there are no construction projects or DOT road projects that could fund the necessary changes. An FY 2011 appropriation was approved to address access, circulation, and vehicular and pedestrian traffic issues at schools throughout the county. Expenditures are shown for only the first two years of the CIP. Funding beyond the first two years will be reviewed during each on-year of the CIP cycle. An FY 2012 appropriation was approved to continue this project. An FY 2013 appropriation was approved to address access, circulation, and vehicular and pedestrian traffic issues at two high schools, one middle school, and one elementary school. An FY 2014 appropriation was approved to continue this project. An FY 2015 appropriation was approved to address access, circulation, and vehicular and pedestrian traffic issues at Julius West Middle School, North Bethesda Middle School, Ashburton Elementary School and Judith Resnik Elementary School. An FY 2016 appropriation was approved to continue this project. An FY 2017 appropriation was approved to address access, circulation, and vehicular and pedestrian traffic issues at schools throughout the county, as well as modify and expand parking lots to provide staff parking at schools that are overutilized.

Fiscal Note

State Reimbursement: not eligible

Disclosures

Expenditures will continue indefinitely.

Coordination

STEP Committee

Indoor Air Quality Improvements: MCPS (P006503)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
Public Schools (AAGE18)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	13,650	6,708	1,290	5,652	942	942	942	942	942	942	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	16,985	13,043	822	3,120	520	520	520	520	520	520	0
Other	420	175	35	210	35	35	35	35	35	35	0
Total	31,055	19,926	2,147	8,982	1,497	1,497	1,497	1,497	1,497	1,497	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	31,055	19,926	2,147	8,982	1,497	1,497	1,497	1,497	1,497	1,497	0
Total	31,055	19,926	2,147	8,982	1,497	1,497	1,497	1,497	1,497	1,497	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,497
Appropriation Request Est.	FY 18	1,497
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		22,073
Expenditure / Encumbrances		19,926
Unencumbered Balance		2,147

Date First Appropriation	FY 99
First Cost Estimate	
Current Scope	FY02 3,800
Last FY's Cost Estimate	28,061

Description

This project funds mechanical retrofits and building envelope modifications necessary to address schools experiencing Indoor Air Quality (IAQ) problems. In the FY 2005-2010 CIP, the County Council approved a level of effort funding for the outyears of this project in order to adequately illustrate that this project will continue for the foreseeable future. Funds approved in FYs 2006-2010 were used to address indoor air quality issues systemwide. Due to fiscal constraints, the County Council's adopted FY 2011-2016 CIP reduced the expenditures, as requested in the Board of Education's FY 2011-2016 CIP for FYs 2012-2016 by approximately \$2.8 million. The title of this PDF was change to more accurately reflect the work accomplished in this project. An FY 2012 appropriation and amendment to the FY 2011-2016 CIP was approved to provide an additional \$394,000 above the adopted CIP to reinstate funds that were removed by the County Council during reconciliation in May 2010. An FY 2013 appropriation was approved to continue to address indoor air quality issues through remediation efforts such as carpet removal, floor and ceiling tile replacement, and minor mechanical retrofits. An FY 2014 appropriation was approved to continue this level of effort project. An FY 2015 appropriation was approved to address indoor air quality issues throughout the school system. The increase in for FY 2015 will provide funds for replacements of pipe insulation to improve indoor air quality where identified. An FY 2016 appropriation was approved to continue this level of effort project. An FY 2017 appropriation was approved to continue to address indoor air quality issues at various school throughout the county.

Fiscal Note

State reimbursement: not eligible

Coordination

Department of Environmental Protection, Department of Health and Human Services, American Lung Association FY 2017 – Salaries and Wages: \$266K, Fringe Benefits: \$123K, Workyears: 4 FY2018-2022 – Salaries and Wages: \$1.330M, Fringe Benefits: \$615K, Workyears: 20

Planned Life Cycle Asset Repl: MCPS (P896586)

Category Montgomery County Public Schools
 Sub Category Countywide
 Administering Agency Public Schools (AAGE18)
 Planning Area Countywide

Date Last Modified 5/26/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	14,872	6,543	1,029	7,300	1,200	1,000	900	1,400	1,400	1,400	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	12,945	8,520	925	3,500	800	700	500	500	500	500	0
Construction	91,096	56,000	2,432	32,664	9,000	8,050	3,341	4,091	4,091	4,091	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	118,913	71,063	4,386	43,464	11,000	9,750	4,741	5,991	5,991	5,991	0

FUNDING SCHEDULE (\$000s)											
Aging Schools Program	6,964	6,361	603	0	0	0	0	0	0	0	0
G.O. Bonds	101,773	55,529	2,882	43,362	10,898	9,750	4,741	5,991	5,991	5,991	0
Qualified Zone Academy Funds	10,074	9,173	901	0	0	0	0	0	0	0	0
State Aid	102	0	0	102	102	0	0	0	0	0	0
Total	118,913	71,063	4,386	43,464	11,000	9,750	4,741	5,991	5,991	5,991	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	11,000
Appropriation Request Est.	FY 18	9,750
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		75,449
Expenditure / Encumbrances		71,063
Unencumbered Balance		4,386

Date First Appropriation	FY 89
First Cost Estimate	
Current Scope	FY 96
Last FY's Cost Estimate	90,506

Description

This project funds a comprehensive and ongoing plan to replace key facility and site components based on an inventory of their age and conditions. A comprehensive inventory of all such components has been assembled so that replacements can be anticipated and accomplished in a planned and orderly manner. Facility components included in this project are code corrections, physical education facility/field improvements, school facility exterior resurfacing, partitions, doors, lighting, media center security gates, bleachers, communication systems, and flooring. An FY 2013 appropriation was approved to fund capital projects that will address MCPS infrastructure. The County Council, in the adopted FY 2013-2018 CIP significantly reduced the expenditures requested by the Board of Education for this project for FY 2014 and beyond. An FY 2014 appropriation and amendment to the FY 2013-2018 CIP was requested to provide an additional \$2.49 million above the adopted CIP to reinstate funds that were removed by the County Council during reconciliation in May 2012. However, the County Council, in the adopted FY 2013-2018 Amended CIP did not approve the \$2.49 million amendment as requested by the Board. An FY 2013 supplemental appropriation of \$3.1 million was approved through the state's ASP program and an FY 2013 supplemental appropriation of \$2.0 million was approved through the state's QZAB program. An FY 2015 appropriation was approved to reinstate funds that were removed by the County Council during the last full CIP approval process in order to address our aging infrastructure through the PLAR program. An FY 2015 supplemental appropriation of \$603,000 was approved through the state's ASP program and \$1.009 million was approved through the state's QZAB program. An FY 2016 appropriation and amendment was approved to continue this level of effort project and also provide an additional \$2.5 million in FY 2016 to address immediate facility issues at schools that are waiting for a major capital project. An FY 2016 supplemental appropriation in the amount of \$603,000 was approved as part of the state's ASP program and an FY 2016 supplemental appropriation in the amount of \$901,000 was approved as part of the state's QZAB program. An FY 2017 appropriation was approved to address facility components in school facilities that have reached the end of their life-cycle. For a list of projects completed during the summer of 2015, see Appendix R of the FY 2017 Educational Facilities Master Plan.

Disclosures

Expenditures will continue indefinitely.

Public Schools (A18) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

FY 2017 -- Salaries and Wages: \$365K, Fringe Benefits: \$163K, Workyears: 5 FY 2018-2022 -- Salaries and Wages: \$1.825M, Fringe Benefits: \$815K, Workyears: 25

Rehab/Reno.Of Closed Schools- RROCS (P916587)

Category Montgomery County Public Schools
 Sub Category Countywide
 Administering Agency Public Schools (AAGE18)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	12,612	6,133	977	1,728	1,402	326	0	0	0	0	3,774
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	17,765	9,660	0	3,105	2,379	726	0	0	0	0	5,000
Construction	138,836	57,043	0	32,068	9,574	19,683	2,811	0	0	0	49,725
Other	5,106	3,906	0	1,200	100	330	770	0	0	0	0
Total	174,319	76,742	977	38,101	13,455	21,065	3,581	0	0	0	58,499

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	2,765	2,765	0	0	0	0	0	0	0	0	0
G.O. Bonds	129,174	43,959	977	25,739	5,000	17,158	3,581	0	0	0	58,499
PAYGO	375	375	0	0	0	0	0	0	0	0	0
Recordation Tax - PAYGO	7,000	7,000	0	0	0	0	0	0	0	0	0
Schools Impact Tax	13,690	1,328	0	12,362	8,455	3,907	0	0	0	0	0
State Aid	21,315	21,315	0	0	0	0	0	0	0	0	0
Total	174,319	76,742	977	38,101	13,455	21,065	3,581	0	0	0	58,499

OPERATING BUDGET IMPACT (\$000s)											
Energy				636	0	0	159	159	159	159	
Maintenance				1,708	0	0	427	427	427	427	
Net Impact				2,344	0	0	586	586	586	586	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	36,023
Appropriation Request Est.	FY 18	1,100
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		78,697
Expenditure / Encumbrances		76,742
Unencumbered Balance		1,955

Date First Appropriation	
First Cost Estimate	
Current Scope	15,152
Last FY's Cost Estimate	169,319

Description

MCPS retained some closed schools for use for office space, as holding schools, or for alternative programs. Occasionally a closed school is reopened as an operating school to address increasing enrollment. Some rehabilitation is necessary to restore spaces for contemporary instructional use. Student enrollment at elementary schools in the Richard Montgomery Cluster has increased dramatically over the past four school years. The magnitude of enrollment growth in the cluster requires the opening of a new elementary school. A feasibility study was conducted during the 2010-2011 school year for a new elementary school at the site of the former Hungerford Park Elementary School. Based on the revised enrollment projections for Richard Montgomery Cluster elementary schools, the new elementary school will be sufficient to address the projected elementary enrollment in the cluster. An FY 2013 appropriation was requested by the Board of Education for planning funds for this new school; however, the County Council, in the adopted FY 2013-2108 CIP delayed this project two years. An FY 2012 transfer was approved to shift \$4.5 million from the Downcounty Consortium Elementary School #29 to another project in the approved CIP. An FY 2015 appropriation was approved to begin planning the new Richard Montgomery Elementary School #5. However, due to fiscal constraints, the construction funds for this project were delayed one year in the approved FY2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for construction funds for the new Richard Montgomery Elementary School #5 to be completed August 2018 and also for interior modifications to the former English Manor Elementary School to accommodate the Infants and Toddlers Program as well as other MCPS support programs.

Public Schools (A18) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshal, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Relocatable Classrooms (P846540)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
Public Schools (AAGE18)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/26/16
No
None
Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	4,225	2,575	400	1,250	250	500	500	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	48,836	35,188	2,648	11,000	2,000	4,500	4,500	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	53,061	37,763	3,048	12,250	2,250	5,000	5,000	0	0	0	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	48,637	33,339	3,048	12,250	2,250	5,000	5,000	0	0	0	0
Current Revenue: Recordation Tax	4,424	4,424	0	0	0	0	0	0	0	0	0
Total	53,061	37,763	3,048	12,250	2,250	5,000	5,000	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	5,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		43,061
Expenditure / Encumbrances		37,763
Unencumbered Balance		5,298

Date First Appropriation	FY 84	
First Cost Estimate		
Current Scope	FY02	21,470
Last FY's Cost Estimate		45,811

Description

For the 2015-2016 school year, MCPS has a total of 500 relocatable classrooms. Of the 500 relocatables, 381 are used to address over utilization at various schools throughout the system. The balance, 119 relocatables, are used to provide daycare at schools, are used at schools undergoing construction projects on-site, or at holding schools, or for other uses countywide. Units around 15-20 years old require general renovation if they are to continue in use as educational spaces. An FY 2013 supplemental appropriation of \$4.0 million was approved to accelerate the FY 2014 appropriation requested by the Board of Education to allow MCPS to enter into contracts in order to have the relocatables ready for the 2013-2014 school year. An FY 2014 supplemental appropriation of \$5.0 million was approved to accelerate the FY 2015 appropriation requested by the Board of Education to allow MCPS to enter into contracts in order to have the relocatables ready for the 2014-2015 school year. An FY 2015 supplemental appropriation of \$5.0 million was approved to accelerate the FY 2016 appropriation requested by the Board of Education to enter into contracts in order to have relocatables ready for the 2015-2016 school year. An FY 2016 supplemental appropriation of \$2.250 was approved to accelerate the FY 2017 appropriation requested by the Board of Education to enter into contracts in order to have relocatables ready for the 2016-2017 school year. The expenditure for FY 2017 reflects the ability to utilize some expenditures from FY 2106 due to the conversion of computer labs to classrooms at some elementary schools, as well as the rerating of the class-size reduction schools, which resulted in the placement of less units for the 2015-2016 school year. The expenditures showing in FY 2018 and beyond will once again show the level of effort for this project.

Disclosures

Expenditures will continue indefinitely.

Coordination

CIP Master Plan for School Facilities

Restroom Renovations (P056501)

Category Montgomery County Public Schools
 Sub Category Countywide
 Administering Agency Public Schools (AAGE18)
 Planning Area Countywide

Date Last Modified 5/18/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,505	1,060	0	445	220	225	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	14,770	10,639	36	4,095	2,070	2,025	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	16,275	11,699	36	4,540	2,290	2,250	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	16,275	11,699	36	4,540	2,290	2,250	0	0	0	0	0
Total	16,275	11,699	36	4,540	2,290	2,250	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,290
Appropriation Request Est.	FY 18	2,250
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		11,735
Expenditure / Encumbrances		11,699
Unencumbered Balance		36

Date First Appropriation	FY 05
First Cost Estimate	
Current Scope	FY05
Last FY's Cost Estimate	13,085

Description

This project will provide needed modifications to specific areas of restroom facilities. A study was conducted in FY 2004 to evaluate restrooms for all schools that were built or renovated before 1985. Schools on the revitalization/expansion list with either planning or construction funding in the six-year CIP were excluded from this list. Ratings were based upon visual inspections of the existing materials and fixtures as of August 1, 2003. Ratings also were based on conversations with the building services managers, principals, vice principals, and staffs about the existing conditions of the restroom facilities. The numeric rating for each school was based on an evaluation method using a preset number scale for the assessment of the existing plumbing fixtures, accessories, and room finish materials. An FY 2010 appropriation was approved to address the remaining schools identified on the list for restroom renovations. In FY 2010, a second round of assessments were completed, which included a total of 110 schools, including holding facilities. An FY 2011 appropriation was approved to begin the renovations of the schools identified in the second round of assessments. Based on the expenditures shown above, the first 71 schools are proposed for renovation in the FY 2011-2016 CIP. An FY 2012 appropriation was approved to continue this project. An FY 2013 appropriation was approved to continue the renovations of restroom facilities. An FY 2014 appropriation was approved to continue this project. An FY 2015 appropriation was approved to provide restroom renovations for school identified for this project. An FY 2016 appropriation was approved to continue this project. An FY 2017 appropriation was approved to continue this project and complete all restroom renovations by the end of FY 2018. Expenditures in this project have not been increased since this project was first approved and, therefore, the increase in expenditures shown in the FY 2017-2022 CIP reflect rises in construction costs based on the estimates for each school project included in this PDF. BY FY 2018, based on the expenditures shown above, all 110 schools assessed will be completed. The list of approved restroom renovations is shown in Appendix G of the 2017 Educational Facilities Master Plan.

Roof Replacement: MCPS (P766995)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
Public Schools (AAGE18)
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/26/16
No
None
Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	6,225	225	740	5,260	960	850	550	1,550	550	800	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	81,926	24,926	7,260	49,740	11,040	8,650	5,950	8,950	6,950	8,200	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	88,151	25,151	8,000	55,000	12,000	9,500	6,500	10,500	7,500	9,000	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	80,189	19,018	6,553	54,618	11,618	9,500	6,500	10,500	7,500	9,000	0
State Aid	7,962	6,133	1,447	382	382	0	0	0	0	0	0
Total	88,151	25,151	8,000	55,000	12,000	9,500	6,500	10,500	7,500	9,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	12,000
Appropriation Request Est.	FY 18	9,500
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		33,151
Expenditure / Encumbrances		25,151
Unencumbered Balance		8,000

Date First Appropriation	FY 76
First Cost Estimate	
Current Scope	FY 96
Last FY's Cost Estimate	19,470
	72,153

Description

The increasing age of buildings has created a backlog of work to replace roofs on their expected 20 year life cycle. Roofs are replaced when schools are not in session, and are scheduled during the summer. This is an annual request, funded since FY 1976. An FY 2013 appropriation was approved for partial roof replacements at Pine Crest, Stedwick, Dr. Charles R. Drew, Summit Hall, and Whetstone elementary schools and full roof replacements at Damascus, Judith A. Resnick and Sequoyah elementary schools. An FY 2014 appropriation was approved to continue this project. An FY 2015 appropriation was approved for partial roof replacements at Fields Road, Olney, and Rockwell elementary schools and Walt Whitman High School as well as full roof replacements at Briggs Chaney, White Oak, and Roberto Clemente middle schools. An FY 2016 appropriation was approved for partial roof replacements at Albert Einstein and Walt Whitman high schools; Newport Mill Middle School; Galway, Thurgood Marshall, Rock Creek Valley and Washington Grove elementary schools; and the Stephen Knolls Center. An FY 2017 appropriation was approved for partial roof replacements at Ashburton, Broad Acres, Fallsmead, Forest Knolls, Georgian Forest, Meadow Hall, and Westbrook elementary schools; Thomas Pyle Middle School and Albert Einstein High School; and a full replacement at Rosa Parks Middle School.

Disclosures

Expenditures will continue indefinitely.

Public Schools (A18) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

FY 2017 — Salaries and Wages: \$158K, Fringe Benefits: \$73K, Workyears: 2 FY 2018-2022 — Salaries and Wages: \$790K, Fringe Benefits: \$365K, Workyears: 10

Stormwater Discharge & Water Quality Mgmt: MCPS (P956550)

Category Montgomery County Public Schools
 Sub Category Countywide
 Administering Agency Public Schools (AAGE18)
 Planning Area Countywide

Date Last Modified 5/18/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	6,248	2,474	318	3,456	576	576	576	576	576	576	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,047	2,047	0	0	0	0	0	0	0	0	0
Construction	1,681	1,681	0	0	0	0	0	0	0	0	0
Other	420	140	40	240	40	40	40	40	40	40	0
Total	10,396	6,342	358	3,696	616	616	616	616	616	616	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	10,396	6,342	358	3,696	616	616	616	616	616	616	0
Total	10,396	6,342	358	3,696	616	616	616	616	616	616	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	616
Appropriation Request Est.	FY 18	616
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		6,903
Expenditure / Encumbrances		6,342
Unencumbered Balance		561

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope, FY07	0
Last FY's Cost Estimate	9,164

Description

This project will provide funds to meet the State of Maryland requirements that all industrial sites be surveyed and a plan developed to mitigate stormwater runoff. Work under this project includes concrete curbing to channel rainwater, oil/grit separators to filter stormwater for quality control, modifications to retention systems, the installation of a surface pond for stormwater management quality control at the Randolph Bus and Maintenance Depot, and other items to improve stormwater management systems at other depot sites. This project is reviewed by the interagency committee for capital programs that affect other county agencies to develop the most cost effective method to comply with state regulation. This project also will address pollution prevention measures that were formally addressed in the County Water Quality PDF. Federal and State laws require MCPS to upgrade and maintain stormwater pollution prevention measures at schools and support facilities. The State of Maryland, Department of the Environment, through the renewal of Montgomery County's National Pollutant Discharge Elimination System (NPDES) Permit, has included MCPS as a co-permittee under its revised current Municipal Separate Storm Sewer System MS4 permit, subject to certain pollution prevention regulations and reporting requirements not required in the past. As a co-permittee, MCPS will be required to develop a system-wide plan for complying with MS4 permit requirements. The plan could include infrastructure improvements that reduce the potential for pollution to enter into the stormwater system and area streams. A portion of the plan also will include surveying and documenting, in a GIS mapping system, the stormwater systems at various facilities. An FY 2013 appropriation was approved to continue this level of effort project. An FY 2014 appropriation was approved to continue this project. An FY 2015 appropriation was approved to address water quality issues related to stormwater management. An FY 2016 appropriation was approved to continue this level of effort project. An FY 2017 appropriation was approved to continue this level of effort project to address stormwater runoff at all MCPS schools.

Coordination

FY 2017 -- Salaries and Wages: \$68K, Fringe Benefits: \$31K, Workyears: 1 FY 2018-2022 -- Salaries and Wages: \$340K, Fringe Benefits: \$155K, Workyears: 5

Technology Modernization (P036510)

Category Montgomery County Public Schools
 Sub Category Countywide
 Administering Agency Public Schools (AAGE18)
 Planning Area Countywide

Date Last Modified 5/25/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	368,926	191,111	25,538	152,277	27,399	26,010	22,875	25,366	25,484	25,143	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	368,926	191,111	25,538	152,277	27,399	26,010	22,875	25,366	25,484	25,143	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	205,986	58,588	1,323	146,075	26,319	24,930	21,936	24,263	24,484	24,143	0
Current Revenue: Recordation Tax	146,916	116,499	24,215	6,202	1,080	1,080	939	1,103	1,000	1,000	0
Federal Aid	16,024	16,024	0	0	0	0	0	0	0	0	0
Total	368,926	191,111	25,538	152,277	27,399	26,010	22,875	25,366	25,484	25,143	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	27,399
Appropriation Request Est.	FY 18	26,010
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		216,649
Expenditure / Encumbrances		191,111
Unencumbered Balance		25,538

Date First Appropriation	FY 03
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	294,215

Description

The Technology Modernization (Tech Mod) project is a key component of the MCPS strategic technology plan, Educational Technology for 21st Century Learning. This plan builds upon the following four goals: students will use technology to become actively engaged in learning, schools will address the digital divide through equitable access to technology, staff will improve technology skills through professional development, and staff will use technology to improve productivity and results. The funding source for the initiative is anticipated to be Federal e-rate funds. The Federal e-rate funds programmed in this PDF consist of available unspent e-rate balance: \$1.8M in FY 2010, \$1.8M in FY 2011, and \$327K in FY 2012. In addition, MCPS projects future e-rate funding of \$1.6M each year (FY 2010-2012) that may be used to support the payment obligation pending receipt and appropriation. No county funds may be spent for the initiative payment obligation in FY 2010-2012 without prior Council approval. During the County Council's reconciliation of the amended FY 2011-2016 CIP, the Board of Education's requested FY 2012 appropriation was reduced by \$3.023 million due to a shortfall in Recordation Tax revenue. An FY 2012 supplemental appropriation of \$1.339 million in federal e-rate funds was approved; however, during the County Council action, \$1.339 million in current revenue was removed from this project resulting in no additional dollars for this project in FY 2012. An FY 2013 appropriation was requested to continue the technology modernization project and return to a four-year replacement cycle starting in FY 2013; however, the County Council, in the adopted FY 2013-2018 CIP reduced the request and therefore, the replacement cycle will remain on a five-year schedule. An FY 2013 supplemental appropriation in the amount of \$2.042 million was approved in federal e-rate funds to roll out Promethean interactive technology across all elementary schools and to implement wireless networks across all schools. An FY 2014 appropriation was approved to continue this project. An FY 2015 appropriation was approved to continue the technology modernization program which will enable MCPS to provide mobile (laptop and tablet) devices in the classrooms. The County Council adopted FY 2015-2020 CIP is approximately \$21 million less than the Board's request over the six year period. However, e-rate funding anticipated for FY 2015 and FY 2016 will bring expenditures in those two years up to the Board's request to begin the new initiative to provide mobile devices for students and teachers in the classroom. The County Council, during the review of the amended FY 2015-2020 CIP, programmed an additional \$2 million in FY 2016 for this project. A supplemental appropriation was approved to have the \$2 million appropriated to MCPS. An FY 2016 appropriation was approved to continue the technology modernization program. An FY 2017 appropriation was approved to continue the technology modernization program as well as fund 16 information technology system specialist positions being reallocated from the operating budget to the capital budget.

Coordination

FY 2017 – Salaries and Wages: \$4.819M, Fringe Benefits: \$893K, Workyears: 36.5 FY 2018-2022 – Salaries and Wages \$24.782M, Fringe Benefits \$4.604M, Workyears: 219

Albert Einstein Cluster HS Solution (P651519)

Category Montgomery County Public Schools
 Sub Category Individual Schools
 Administering Agency Public Schools (AAGE18)
 Planning Area Kensington-Wheaton

Date Last Modified 5/20/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	177	0	0	177	0	89	53	35	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	190	0	0	190	0	0	152	38	0	0	0
Construction	1,757	0	0	1,757	0	0	351	879	527	0	0
Other	210	0	0	210	0	0	0	42	168	0	0
Total	2,334	0	0	2,334	0	89	556	994	695	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	2,321	0	0	2,321	0	76	556	994	695	0	0
School Facilities Payment	13	0	0	13	0	13	0	0	0	0	0
Total	2,334	0	0	2,334	0	89	556	994	695	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

Due to increasing enrollment growth, this project includes funds to design and construct six permanent high school classrooms serving Albert Einstein High School in the Down County Consortium. These additional classrooms would meet capacity requirements under the Subdivision Staging Policy, avoiding a residential moratorium in the Albert Einstein Cluster. The County Council anticipates that ultimately, the Board of Education will request a specific project that will add at least these classrooms by the start of the 2020-2021 school year, at the latest, and that these funds would be used towards that purpose.

Ashburton ES Addition (P651514)

Category Montgomery County Public Schools
 Sub Category Individual Schools
 Administering Agency Public Schools (AAGE18)
 Planning Area Rockville

Date Last Modified 5/23/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,206	0	0	1,206	603	482	121	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,865	0	0	1,865	0	1,399	466	0	0	0	0
Construction	10,243	0	0	10,243	0	5,122	4,097	1,024	0	0	0
Other	630	0	0	630	0	0	630	0	0	0	0
Total	13,944	0	0	13,944	603	7,003	5,314	1,024	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	13,747	0	0	13,747	406	7,003	5,314	1,024	0	0	0
School Facilities Payment	197	0	0	197	197	0	0	0	0	0	0
Total	13,944	0	0	13,944	603	7,003	5,314	1,024	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				75	0	0	0	25	25	25	
Maintenance				186	0	0	0	62	62	62	
Net Impact				261	0	0	0	87	87	87	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,205
Appropriation Request Est.	FY 18	12,306
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	7,221
Last FY's Cost Estimate	7,221

Description

Enrollment projections at Ashburton Elementary School reflect a need for an addition. Ashburton Elementary School has a program capacity for 628 students. Enrollment is expected to reach 835 students by the 2020-2021 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. In the approved FY 2015-2020 CIP, while the planning funds for this project remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later, with a completion date of August 2020. The Board of Education's requested FY2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. Based on new enrollment projections, this school has one of the highest space deficits of projects approved in the Amended FY2015-2020 CIP. Therefore, the Board of Education, in the FY 2017-2022 CIP accelerated this project one year. An FY 2017 appropriation was approved for planning funds. This project is scheduled to be completed August 2019.

Disclosures

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshall, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Bethesda-Chevy Chase HS Addition (P651513)

Category	Montgomery County Public Schools	Date Last Modified	5/26/16
Sub Category	Individual Schools	Required Adequate Public Facility	No
Administering Agency	Public Schools (AAGE18)	Relocation Impact	None
Planning Area	Bethesda-Chevy Chase	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,808	1,123	842	843	562	281	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	5,970	0	0	5,970	4,678	1,292	0	0	0	0	0
Construction	29,279	0	0	29,279	10,581	15,789	2,909	0	0	0	0
Other	1,590	0	0	1,590	0	1,590	0	0	0	0	0
Total	39,647	1,123	842	37,682	15,821	18,952	2,909	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	36,361	698	691	34,972	15,750	16,313	2,909	0	0	0	0
School Facilities Payment	647	425	151	71	71	0	0	0	0	0	0
Schools Impact Tax	2,639	0	0	2,639	0	2,639	0	0	0	0	0
Total	39,647	1,123	842	37,682	15,821	18,952	2,909	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				500	0	0	125	125	125	125	
Maintenance				1,216	0	0	304	304	304	304	
Net Impact				1,716	0	0	429	429	429	429	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	35,245
Appropriation Request Est.	FY 18	1,594
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,808
Expenditure / Encumbrances		1,123
Unencumbered Balance		1,685

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	30,787
Last FY's Cost Estimate	30,787

Description

Enrollment projections at Bethesda-Chevy Chase High School reflect a need for an addition. Bethesda-Chevy Chase High School has a program capacity for 1692 students. Enrollment is expected to reach 2286 students by the 2019-2020 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. An FY 2015 appropriation was approved to begin planning this addition. While the planning funds for this project remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY 2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for construction funds. This project is scheduled to be completed August 2018.

Disclosures

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits; Code Review, Fire Marshall, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Bethesda-Chevy Chase MS #2 (P136502)

Category	Montgomery County Public Schools	Date Last Modified	5/26/16
Sub Category	Individual Schools	Required Adequate Public Facility	No
Administering Agency	Public Schools (AAGE18)	Relocation Impact	None
Planning Area	Bethesda-Chevy Chase	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,698	1,079	809	810	540	270	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	10,505	1,800	6,529	2,176	2,176	0	0	0	0	0	0
Construction	39,211	0	5,843	33,368	29,448	3,920	0	0	0	0	0
Other	1,700	0	0	1,700	510	1,190	0	0	0	0	0
Total	54,114	2,879	13,181	38,054	32,674	5,380	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	13,487	2,879	360	10,248	10,093	155	0	0	0	0	0
School Facilities Payment	7	0	0	7	7	0	0	0	0	0	0
Schools Impact Tax	40,620	0	12,821	27,799	22,574	5,225	0	0	0	0	0
Total	54,114	2,879	13,181	38,054	32,674	5,380	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,700
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		52,414
Expenditure / Encumbrances		2,879
Unencumbered Balance		49,535

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	52,314

Description

Enrollment projections at Westland Middle School and the plan to reassign Grade 6 students from Chevy Chase and North Chevy Chase elementary schools to the middle school level, will result in a total cluster middle school enrollment of approximately 1,600 students. This projected enrollment would far exceed the current capacity of Westland Middle School. Therefore, a new middle school is needed in the cluster to accommodate the projected enrollment. A feasibility study was conducted to determine the cost and scope of the project. An FY 2014 appropriation was approved to begin planning this new school. An FY 2016 appropriation was approved for construction funds. An FY 2016 transfer was approved to shift \$1.8 million from another project to this project. An FY 2017 appropriation was approved to complete this project. This project is scheduled to be completed by August 2017.

Capacity

Program Capacity: 930

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshall, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Blair Ewing Center Improvements (P651515)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
Public Schools (AAGE18)
Rockville

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,512	605	454	453	0	302	151	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	350	0	0	350	0	263	87	0	0	0	0
Construction	14,049	0	0	14,049	0	2,810	5,835	5,404	0	0	0
Other	668	0	0	668	0	0	201	467	0	0	0
Total	16,579	605	454	15,520	0	3,375	6,274	5,871	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	16,579	605	454	15,520	0	3,375	6,274	5,871	0	0	0
Total	16,579	605	454	15,520	0	3,375	6,274	5,871	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,512
Expenditure / Encumbrances		605
Unencumbered Balance		907

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	16,579
Last FY's Cost Estimate	16,579

Description

The Blair Ewing Center was assessed as part of the FACT process during the 2010-2011 school year. To address facilities needs at this school, an FY 2013 appropriation for facility planning was approved in the Modifications to Holding, Special Education and Alternative Centers project for a feasibility study to identify improvements for this building. An FY 2015 appropriation was approved to begin planning the modifications to this building. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Also, the Board of Education's request includes a scope change for the Blair Ewing Center. In order to provide the Alternative Education Programs (AEP) with a facility that will support the program and students, the Board's request relocated the AEP from the current site to the English Manor ES site. However, the County Council directed the Board to reevaluate the current Blair G. Ewing site, as well as another site deemed appropriate by the Board for the AEP. Subsequently, the Board directed MCPS staff to reevaluate the current Blair G. Ewing site, as well as other sites owned by the Board of Education. Therefore, the County Council did not approve the Board's request to accelerate the construction funds for this project, but instead kept this project on the approved schedule. The evaluation of the Blair G. Ewing site, as well as other sites owned by the Board of Education is still in progress. Therefore, the adopted FY 2017-2022 CIP includes a one year delay for this project. An FY 2018 appropriation will be requested for construction funds. This project is scheduled to be completed August 2019.

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshall, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Burtonsville ES Addition (P651511)

Category	Montgomery County Public Schools	Date Last Modified	5/26/16
Sub Category	Individual Schools	Required Adequate Public Facility	No
Administering Agency	Public Schools (AAGE18)	Relocation Impact	None
Planning Area	Colesville-White Oak	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,172	0	0	1,172	469	352	234	117	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,013	0	0	2,013	0	0	1,510	503	0	0	0
Construction	9,149	0	0	9,149	0	0	1,830	4,605	2,714	0	0
Other	484	0	0	484	0	0	0	146	338	0	0
Total	12,818	0	0	12,818	469	352	3,574	5,371	3,052	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	5,991	0	0	5,991	0	352	1,801	786	3,052	0	0
Schools Impact Tax	6,827	0	0	6,827	469	0	1,773	4,585	0	0	0
Total	12,818	0	0	12,818	469	352	3,574	5,371	3,052	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				88	0	0	0	0	44	44	
Maintenance				216	0	0	0	0	108	108	
Net Impact				304	0	0	0	0	152	152	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,172
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	12,818
Last FY's Cost Estimate	12,818

Description

Enrollment projections at Burtonsville Elementary School reflect a need for an addition. Burtonsville Elementary School has a program capacity for 502 students. Enrollment is expected to reach 672 students by the 2019-2020 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY 2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for planning funds. This project is scheduled to be completed by August 2020.

Disclosures

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits:, Code Review, Fire Marshall, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Clarksburg Cluster ES (Clarksburg Village Site #2) (P651713)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
Public Schools (AAGE18)
Clarksburg

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/18/16

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,476	0	0	2,476	1,238	990	248	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,856	0	0	3,856	0	2,892	964	0	0	0	0
Construction	28,351	0	0	28,351	0	1,212	15,665	11,474	0	0	0
Other	1,325	0	0	1,325	0	0	1,325	0	0	0	0
Total	36,008	0	0	36,008	1,238	5,094	18,202	11,474	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	36,008	0	0	36,008	1,238	5,094	18,202	11,474	0	0	0
Total	36,008	0	0	36,008	1,238	5,094	18,202	11,474	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				471	0	0	0	157	157	157	
Maintenance				1,176	0	0	0	392	392	392	
Net Impact				1,647	0	0	0	549	549	549	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,476
Appropriation Request Est.	FY 18	32,208
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

The Clarksburg Master Plan allows for the development of up to 15,000 residential units. The plan includes five future elementary school sites. To accommodate the enrollment growth from the new development Little Bennett, William B. Gibbs, and Wilson Wims elementary schools were opened over the past 9 years. With continue growth in elementary school enrollment, another new elementary school is needed in this cluster. An FY 2017 appropriation was approved to begin the planning for this new elementary school in the Clarksburg Cluster. This project is schedule to be completed by August 2019.

Coordination

Mandatory Referral -- M-NCPPC Department of Environmental Protection Building Permits Code Review Fire Marshal Department of Transportation Inspections Sediment Control Stormwater Management WSSC Permits.

Clarksburg/Damascus MS (New) (P116506)

Category Montgomery County Public Schools
 Sub Category Individual Schools
 Administering Agency Public Schools (AAGE18)
 Planning Area Clarksburg

Date Last Modified 5/26/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,631	2,091	540	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	7,690	5,514	2,176	0	0	0	0	0	0	0	0
Construction	40,813	6,335	27,020	7,458	7,458	0	0	0	0	0	0
Other	1,630	0	510	1,120	1,120	0	0	0	0	0	0
Total	52,764	13,940	30,246	8,578	8,578	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: Recordation Tax	1,000	0	0	1,000	1,000	0	0	0	0	0	0
G.O. Bonds	22,802	1,708	18,902	2,192	2,192	0	0	0	0	0	0
Schools Impact Tax	23,576	12,232	11,344	0	0	0	0	0	0	0	0
State Aid	5,386	0	0	5,386	5,386	0	0	0	0	0	0
Total	52,764	13,940	30,246	8,578	8,578	0	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				1,398	233	233	233	233	233	233	
Maintenance				3,756	626	626	626	626	626	626	
Net Impact				5,154	859	859	859	859	859	859	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		52,764
Expenditure / Encumbrances		13,940
Unencumbered Balance		38,824

Date First Appropriation	FY 13
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	52,764

Description

The Clarksburg Master Plan, approved in 1994, allows for the potential development of 15,000 housing units. Development of this community resulted in the formation of a new cluster of schools. Enrollment projections at Rocky Hill Middle School continue to increase dramatically throughout the FY 2011-2016 six-year CIP. This continued growth justifies the need for the opening of another middle school to serve the Clarksburg/Damascus service areas. Rocky Hill Middle School has a program capacity for 939 students. Enrollment is expected to reach 1,411 students by the 2015-2016 school year. A feasibility study was conducted in FY 2009 to determine the cost and scope of the project. The proposed middle school will have a program capacity of 988. Due to fiscal constraints, this project was delayed one year in the adopted FY 2013-2018 CIP. An FY 2013 appropriation was approved to begin planning this new middle school. An FY 2015 appropriation was approved for construction funds. An FY 2016 appropriation was approved to complete this project. This project is scheduled to be completed by August 2016.

Capacity

Program Capacity after Project: 988

Public Schools (A18) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Mandatory Referral - M-NCPPC, Department of Environment Protection, Building Permits, Code Review, Fire Marshal, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Col E Brooke Lee MS Addition (P651712)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
Public Schools (AAGE18)
Silver Spring

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/19/16

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,536	0	0	1,536	0	0	1,230	153	153	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,100	0	0	2,100	0	0	0	1,365	735	0	0
Construction	15,364	0	0	15,364	0	0	0	4,646	9,182	1,536	0
Other	1,045	0	0	1,045	0	0	0	0	1,045	0	0
Total	20,045	0	0	20,045	0	0	1,230	6,164	11,115	1,536	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	20,045	0	0	20,045	0	0	1,230	6,164	11,115	1,536	0
Total	20,045	0	0	20,045	0	0	1,230	6,164	11,115	1,536	0
OPERATING BUDGET IMPACT (\$000s)											
Energy				176	0	0	0	0	88	88	
Maintenance				440	0	0	0	0	220	220	
Net Impact				616	0	0	0	0	308	308	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

Projections indicate that enrollment at Col. E. Brooke Lee Middle School will exceed capacity by 150 seats or more by the end of the six-year period. The Board of Education's Requested FY 2017-2022 CIP included funding for an addition at this school, with planning to begin in FY 2017. Due to fiscal constraints, the County Council's adopted FY 2017-2022 CIP includes a one year delay for this addition project, with planning to begin in FY 2019. An FY 2019 appropriation will be requested to begin the planning for a 21 classroom addition. This project is scheduled to be completed by August 2021.

Capacity

Program Capacity after Addition: 1,204

Coordination

Mandatory Referral – M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshal, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits.

Diamond ES Addition (P651510)

Category Montgomery County Public Schools
 Sub Category Individual Schools
 Administering Agency Public Schools (AAGE18)
 Planning Area Gaithersburg

Date Last Modified 5/26/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	844	322	241	281	201	80	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,531	0	0	1,531	1,149	382	0	0	0	0	0
Construction	6,236	0	0	6,236	2,979	2,580	677	0	0	0	0
Other	536	0	0	536	0	536	0	0	0	0	0
Total	9,147	322	241	8,584	4,329	3,578	677	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	7,196	0	0	7,196	3,959	2,560	677	0	0	0	0
School Facilities Payment	933	322	241	370	370	0	0	0	0	0	0
Schools Impact Tax	1,018	0	0	1,018	0	1,018	0	0	0	0	0
Total	9,147	322	241	8,584	4,329	3,578	677	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				108	0	0	27	27	27	27	
Maintenance				264	0	0	66	66	66	66	
Net Impact				372	0	0	93	93	93	93	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	7,807
Appropriation Request Est.	FY 18	536
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		804
Expenditure / Encumbrances		322
Unencumbered Balance		482

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	8,926
Last FY's Cost Estimate	8,926

Description

Enrollment projections at Diamond Elementary School reflect a need for an addition. Diamond Elementary School has a program capacity for 463 students. Enrollment is expected to reach 615 students by the 2020-2021 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. An FY 2015 appropriation was approved to begin planning this addition. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for construction funds. This project is scheduled to be completed by August 2018.

Disclosures

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits:, Code Review, Fire Marshal, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

East Silver Spring ES Addition (P651714)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
Public Schools (AAGE18)
Silver Spring

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/18/16

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	320	0	0	320	0	0	160	96	32	32	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	751	0	0	751	0	0	0	0	488	263	0
Construction	2,319	0	0	2,087	0	0	0	0	928	1,159	232
Other	124	0	0	124	0	0	0	0	0	124	0
Total	3,514	0	0	3,282	0	0	160	96	1,448	1,578	232

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	3,514	0	0	3,282	0	0	160	96	1,448	1,578	232
Total	3,514	0	0	3,282	0	0	160	96	1,448	1,578	232

OPERATING BUDGET IMPACT (\$000s)											
Energy				24	0	0	0	0	12	12	
Maintenance				62	0	0	0	0	31	31	
Net Impact				86	0	0	0	0	43	43	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

A comprehensive capacity study to address overutilization at several elementary schools in the lower section of the Downcounty Consortium was conducted during the 2014-2015 school year. This capacity study included the following schools: East Silver Spring, Forest Knolls, Highland View, Montgomery Knolls, New Hampshire Estates, Oak View, Takoma Park, Pine Crest, Piney Branch, Rolling Terrace, Sligo Creek and Woodlin elementary schools. As a result of the capacity study it was determined that a four classroom addition project would be constructed at East Silver Spring Elementary School to relieve the overutilization at Rolling Terrace Elementary School. An FY 2017 appropriation was requested to begin the planning for this addition. Due to fiscal constraints, the County Council's approved FY2017-2022 CIP includes a two year delay for this project. An FY 2019 appropriation will be requested to begin the planning for this addition. This project is scheduled to be completed August 2022.

Capacity

Program Capacity after Addition: 674

Coordination

Mandatory Referral -- M-NCPPC Department of Environmental Protection Building Permits Code Review Fire Marshal Department of Transportation Inspections Sediment Control Stormwater Management WSSC Permits.

Gaithersburg ES Addition (P651518)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
Public Schools (AAGE18)
Gaithersburg Vicinity

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/26/16
No
Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	4,097	0	0	4,097	2,000	1,872	150	75	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,000	0	0	3,000	0	0	2,000	1,000	0	0	0
Construction	17,153	0	0	17,153	0	0	4,804	8,429	3,920	0	0
Other	1,750	0	0	1,750	0	0	0	1,750	0	0	0
Total	26,000	0	0	26,000	2,000	1,872	6,954	11,254	3,920	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	25,498	0	0	25,498	1,498	1,872	6,954	11,254	3,920	0	0
School Facilities Payment	502	0	0	502	502	0	0	0	0	0	0
Total	26,000	0	0	26,000	2,000	1,872	6,954	11,254	3,920	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	4,097
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

Enrollment projections at Gaithersburg Elementary School reflect a need for an addition. Gaithersburg Elementary School has a program capacity for 771 students. Enrollment is expected to reach 970 students by the 2021-2022 school year. A Tri-cluster Roundtable Discussion Group process was conducted to explore options to relieve the overutilization in Gaithersburg Cluster elementary schools. On April 19, 2016, the Board of Education approved an addition project at Gaithersburg Elementary School and also approved the replacement of relocatable classrooms at Summit Hall Elementary School by the 2017-2018 school year. An FY 2017 appropriation was approved to begin planning at both schools. The addition project is scheduled to be completed August 2020.

Greencastle ES Addition (P651710)

Category Montgomery County Public Schools
 Sub Category Individual Schools
 Administering Agency Public Schools (AAGE18)
 Planning Area Silver Spring

Date Last Modified 5/19/16
 Required Adequate Public Facility
 Relocation Impact
 Status

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	996	0	0	996	0	0	498	398	100	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,787	0	0	1,787	0	0	0	0	1,240	547	0
Construction	7,797	0	0	7,017	0	0	0	0	2,899	4,118	780
Other	638	0	0	638	0	0	0	0	0	638	0
Total	11,218	0	0	10,438	0	0	498	398	4,239	5,303	780

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	11,218	0	0	10,438	0	0	498	398	4,239	5,303	780
Total	11,218	0	0	10,438	0	0	498	398	4,239	5,303	780

OPERATING BUDGET IMPACT (\$000s)											
Energy				82	0	0	0	0	41	41	
Maintenance				204	0	0	0	0	102	102	
Net Impact				286	0	0	0	0	143	143	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

Projections indicate enrollment at Greencastle Elementary School will exceed capacity by 92 seats or more by the end of the six-year planning period. The Board of Education's Requested FY2017-2022 CIP included funding for an addition project to begin planning in FY 2017. Due to fiscal constraints, the County Council's adopted FY 2017-2022 CIP includes a two year delay for this addition project. An FY 2019 appropriation will be requested for the planning for an eight classroom addition at this school. This project is scheduled to be completed August 2022.

Capacity

Program Capacity after Addition: 747

Coordination

Mandatory Referral – M-NCPPC Department of Environmental Protection Building Permits Code Review Fire Marshal Department of Transportation Inspections Sediment Control Stormwater Management WSSC Permits.

Judith Resnik ES Addition (P651507)

Category Montgomery County Public Schools
 Sub Category Individual Schools
 Administering Agency Public Schools (AAGE18)
 Planning Area Germantown

Date Last Modified 5/19/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	871	0	0	871	436	348	87	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,766	0	0	1,766	0	0	1,275	491	0	0	0
Construction	7,934	0	0	7,934	0	0	2,930	4,211	793	0	0
Other	418	0	0	418	0	0	0	418	0	0	0
Total	10,989	0	0	10,989	436	348	4,292	5,120	793	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	3,202	0	0	3,202	23	348	1,038	1,000	793	0	0
Schools Impact Tax	7,787	0	0	7,787	413	0	3,254	4,120	0	0	0
Total	10,989	0	0	10,989	436	348	4,292	5,120	793	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				78	0	0	0	0	39	39	
Maintenance				192	0	0	0	0	96	96	
Net Impact				270	0	0	0	0	135	135	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	871
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	11,512
Last FY's Cost Estimate	11,512

Description

Enrollment projections at Judith Resnik Elementary School reflect a need for an addition. Judith Resnik Elementary School has a program capacity for 503 students. Enrollment is expected to reach 655 students by the 2019-2020 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY2015-2020 CIP. The Board of Education's requested FY2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approved the Board's request. An FY 2017 appropriation was approved for planning funds in the adopted FY 2017-2022 CIP. This project is scheduled to be completed by August 2020.

Disclosures

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits:, Code Review, Fire Marshall, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Julius West MS Addition (P136507)

Category Montgomery County Public Schools
 Sub Category Individual Schools
 Administering Agency Public Schools (AAGE18)
 Planning Area Rockville

Date Last Modified 5/26/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,389	854	335	200	200	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,646	1,984	662	0	0	0	0	0	0	0	0
Construction	10,580	2,235	7,350	995	995	0	0	0	0	0	0
Other	688	0	207	481	481	0	0	0	0	0	0
Total	15,303	5,073	8,554	1,676	1,676	0	0	0	0	0	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	7,563	409	5,478	1,676	1,676	0	0	0	0	0	0
Schools Impact Tax	7,740	4,664	3,076	0	0	0	0	0	0	0	0
Total	15,303	5,073	8,554	1,676	1,676	0	0	0	0	0	0
OPERATING BUDGET IMPACT (\$000s)											
Energy				300	50	50	50	50	50	50	
Maintenance				804	134	134	134	134	134	134	
Net Impact				1,104	184	184	184	184	184	184	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		15,303
Expenditure / Encumbrances		5,073
Unencumbered Balance		10,230

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	15,303

Description

Enrollment projections at Julius West Middle School reflect a need for an addition. Julius West Middle School has a program capacity for 986 students. Enrollment is expected to reach 1,313 students by the 2016-2017 school year. A feasibility study was conducted in FY 2011 to determine the cost and scope of the project. An FY 2014 appropriation was approved to begin planning this addition. An FY 2015 appropriation was approved for construction funds. An FY 2016 appropriation was approved to complete this project. This project is scheduled to be completed by August 2016.

Capacity

Program Capacity After Addition: 1,444

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshal, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Kensington-Parkwood ES Addition (P651505)

Category	Montgomery County Public Schools	Date Last Modified	5/18/16
Sub Category	Individual Schools	Required Adequate Public Facility	No
Administering Agency	Public Schools (AAGE18)	Relocation Impact	None
Planning Area	Kensington-Wheaton	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	998	399	299	300	200	100	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,900	0	0	1,900	1,425	475	0	0	0	0	0
Construction	9,305	0	0	9,305	4,668	3,705	932	0	0	0	0
Other	476	0	0	476	0	476	0	0	0	0	0
Total	12,679	399	299	11,981	6,293	4,756	932	0	0	0	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	12,679	399	299	11,981	6,293	4,756	932	0	0	0	0
Total	12,679	399	299	11,981	6,293	4,756	932	0	0	0	0
OPERATING BUDGET IMPACT (\$000s)											
Energy				144	0	0	36	36	36	36	
Maintenance				352	0	0	88	88	88	88	
Net Impact				496	0	0	124	124	124	124	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	11,205	Date First Appropriation	FY 15	
Appropriation Request Est.	FY 18	476	First Cost Estimate		
Supplemental Appropriation Request		0	Current Scope		11,156
Transfer		0	Last FY's Cost Estimate		11,156
Cumulative Appropriation		998			
Expenditure / Encumbrances		399			
Unencumbered Balance		599			

Description

Enrollment projections at Kensington-Parkwood Elementary School reflect a need for an addition. Kensington-Parkwood Elementary School has a program capacity for 471 students. Enrollment is expected to reach 674 students by the 2017-2018 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. An FY 2015 appropriation was approved to begin planning this addition. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for construction funds. This project is scheduled to be completed by August 2018.

Disclosures

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshall, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Lucy V. Barnsley ES Addition (P651504)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
Public Schools (AAGE18)
Rockville

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/26/16
No
None
Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,156	462	347	347	231	116	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,660	0	0	1,660	1,245	415	0	0	0	0	0
Construction	9,830	0	0	9,830	4,915	3,932	983	0	0	0	0
Other	578	0	0	578	0	578	0	0	0	0	0
Total	13,224	462	347	12,415	6,391	5,041	983	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	11,172	450	0	10,722	6,391	3,348	983	0	0	0	0
School Facilities Payment	12	12	0	0	0	0	0	0	0	0	0
Schools Impact Tax	2,040	0	347	1,693	0	1,693	0	0	0	0	0
Total	13,224	462	347	12,415	6,391	5,041	983	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				188	0	0	47	47	47	47	
Maintenance				460	0	0	115	115	115	115	
Net Impact				648	0	0	162	162	162	162	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	11,495
Appropriation Request Est.	FY 18	573
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,156
Expenditure / Encumbrances		462
Unencumbered Balance		694

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	12,974
Last FY's Cost Estimate	12,974

Description

Enrollment projections at Lucy V. Barnsley Elementary School reflect a need for an addition. Lucy V. Barnsley Elementary School has a program capacity for 411 students. Enrollment is expected to reach 619 students by the 2020-2021 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. An FY 2015 appropriation was approved to begin planning this addition. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY 2015-2020 CIP, with a completion date of August 2018. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for construction funds. This project is scheduled to be completed by August 2018.

Disclosures

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshall, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Montgomery Knolls ES Addition (P651709)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
Silver Spring

Date Last Modified 5/18/16
Required Adequate Public Facility
Relocation Impact
Status

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	546	0	0	546	273	218	55	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,345	0	0	1,345	0	0	954	391	0	0	0
Construction	4,436	0	0	4,436	0	0	2,218	1,774	444	0	0
Other	278	0	0	278	0	0	0	278	0	0	0
Total	6,605	0	0	6,605	273	218	3,227	2,443	444	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	6,605	0	0	6,605	273	218	3,227	2,443	444	0	0
Total	6,605	0	0	6,605	273	218	3,227	2,443	444	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				48	0	0	0	0	24	24	
Maintenance				118	0	0	0	0	59	59	
Net Impact				166	0	0	0	0	83	83	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	546
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

A comprehensive capacity study to address overutilization at several elementary schools in the lower section of the Downcounty Consortium was conducted during the 2014-2015 school year. This capacity study included the following schools: East Silver Spring, Forest Knolls, Highland View, Montgomery Knolls, New Hampshire Estates, Oak View, Takoma Park, Pine Crest, Piney Branch, Rolling Terrace, Sligo Creek, and Woodlin elementary schools. As a result of the capacity study, it was determined that a four classroom addition project would be constructed at Montgomery Knolls Elementary School to relieve the overutilization at Forest Knolls Elementary School. An FY 2017 appropriation was approved to begin the planning for this addition. This project is scheduled to be completed August 2020.

Coordination

Mandatory Referral – M-NCPPC Department of Environmental Protection Building Permits Code Review Fire Marshal Department of Transportation Inspections Sediment Control Stormwater Management WSSC Permits.

North Bethesda MS Addition (P651503)

Category Montgomery County Public Schools
 Sub Category Individual Schools
 Administering Agency Public Schools (AAGE18)
 Planning Area Bethesda-Chevy Chase

Date Last Modified 5/26/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,791	676	507	608	438	170	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,303	0	0	3,303	2,578	725	0	0	0	0	0
Construction	15,528	0	0	15,528	7,686	6,302	1,540	0	0	0	0
Other	971	0	0	971	0	971	0	0	0	0	0
Total	21,593	676	507	20,410	10,702	8,168	1,540	0	0	0	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	20,769	438	476	19,855	10,147	8,168	1,540	0	0	0	0
School Facilities Payment	824	238	31	555	555	0	0	0	0	0	0
Total	21,593	676	507	20,410	10,702	8,168	1,540	0	0	0	0
OPERATING BUDGET IMPACT (\$000s)											
Energy				304	0	0	76	76	76	76	
Maintenance				744	0	0	186	186	186	186	
Net Impact				1,048	0	0	262	262	262	262	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	18,931
Appropriation Request Est.	FY 18	971
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,691
Expenditure / Encumbrances		676
Unencumbered Balance		1,015

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	18,610
Last FY's Cost Estimate	18,610

Description

Enrollment projections at North Bethesda Middle School reflect a need for an addition. North Bethesda Middle School has a program capacity for 864 students. Enrollment is expected to reach 1156 students by the 2017-2018 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. An FY 2015 appropriation was approved to begin planning this addition. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for construction funds. This project is scheduled to be completed by August 2018.

Disclosures

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshall, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Northwest Cluster ES Solution (P136505)

Category	Montgomery County Public Schools	Date Last Modified	5/18/16
Sub Category	Individual Schools	Required Adequate Public Facility	No
Administering Agency	Public Schools (AAGE18)	Relocation Impact	None
Planning Area	Germantown	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,979	1,192	894	893	0	0	596	297	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4,776	0	0	4,776	0	0	2,690	2,086	0	0	0
Construction	10,595	0	0	10,595	0	0	1,374	4,819	4,402	0	0
Other	1,100	0	0	1,100	0	0	0	330	770	0	0
Total	19,450	1,192	894	17,364	0	0	4,660	7,532	5,172	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	18,258	0	894	17,364	0	0	4,660	7,532	5,172	0	0
School Facilities Payment	630	630	0	0	0	0	0	0	0	0	0
Schools Impact Tax	562	562	0	0	0	0	0	0	0	0	0
Total	19,450	1,192	894	17,364	0	0	4,660	7,532	5,172	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				441	0	0	0	147	147	147	
Maintenance				1,182	0	0	0	394	394	394	
Net Impact				1,623	0	0	0	541	541	541	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,979
Expenditure / Encumbrances		1,192
Unencumbered Balance		1,787

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	32,450

Description

Projections indicate enrollment at Spark M. Matsunaga and Ronald McNair elementary schools will exceed the capacities at each school. Spark M. Matsunaga Elementary School has a program capacity of 650 with a 2017-2018 projected enrollment of 1,016 students. Ronald McNair Elementary School has a program capacity of 623 with a 2017-2018 projected enrollment of 732 students. In order to provide relief of the overutilization at both schools, a new elementary school is needed. An FY 2015 appropriation was approved to begin planning this new school. While planning funds remain on schedule, due to fiscal constraints, the construction funds for this project were delayed one year in the approved FY2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. The Northwest Cluster elementary school deficit has decreased from previous years. Therefore, the Board of Education, in the FY 2017-2022 CIP, delayed the construction funds two years to provide an opportunity to monitor the cluster deficit and explore alternatives to address the overutilization at the elementary schools in this cluster. The County Council, based on the Board of Education's decision to evaluate alternatives to address the overutilization, changed the name of this project. As with other solution PDFs, this project includes funds for the design and construction of 20 classrooms. Any additional core improvements to an existing facility or if a new elementary school is built, additional funds would be necessary. An FY 2019 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2020.

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshal, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Northwood Cluster HS Solution (P651517)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
Public Schools (AAGE18)
Kensington-Wheaton

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/24/16
No
None
Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	294	0	0	294	0	147	88	59	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	316	0	0	316	0	0	253	63	0	0	0
Construction	2,928	0	0	2,928	0	0	586	1,464	878	0	0
Other	350	0	0	350	0	0	0	70	280	0	0
Total	3,888	0	0	3,888	0	147	927	1,656	1,158	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	3,790	0	0	3,790	0	49	927	1,656	1,158	0	0
School Facilities Payment	98	0	0	98	0	98	0	0	0	0	0
Total	3,888	0	0	3,888	0	147	927	1,656	1,158	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

Due to increasing enrollment growth, this project includes funds to design and construct 10 high school classrooms serving Northwood High School in the Down County Consortium. These additional classrooms would meet capacity requirements under the Subdivision Staging Policy, avoiding a residential moratorium in the Northwood Cluster. The County Council anticipates that ultimately, the Board of Education will request a specific project that will add, at least, these classrooms by the start of the 2020-2021 school year at the latest and these funds would be used towards that purpose.

Pine Crest ES Addition (P651708)

Category	Montgomery County Public Schools	Date Last Modified	11/17/14
Sub Category	Individual Schools	Required Adequate Public Facility	No
Administering Agency	Public Schools (AAGE18)	Relocation Impact	None
Planning Area	Kemp Mill-Four Corners	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	703	0	0	703	352	211	70	70	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,411	0	0	1,411	0	0	917	494	0	0	0
Construction	6,261	0	0	6,261	0	0	2,505	3,130	626	0	0
Other	248	0	0	248	0	0	0	248	0	0	0
Total	8,623	0	0	8,623	352	211	3,492	3,942	626	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	8,623	0	0	8,623	352	211	3,492	3,942	626	0	0
Total	8,623	0	0	8,623	352	211	3,492	3,942	626	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				72	0	0	0	0	36	36	
Maintenance				182	0	0	0	0	91	91	
Net Impact				254	0	0	0	0	127	127	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	703
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

A comprehensive capacity study to address overutilization at several elementary schools in the lower section of the Downcounty Consortium was conducted during the 2014-2015 school year. This capacity study included the following schools: East Silver Spring, Forest Knolls, Highland View, Montgomery Knolls, New Hampshire Estates, Oak View, Takoma Park, Pine Crest, Piney Branch, Rolling Terrace, Sligo Creek and Woodlin elementary schools. As a result of the capacity study it was determined that a nine classroom addition project would be constructed at Pine Crest Elementary School to relieve the overutilization at Forest Knolls and Pine Crest elementary schools. An FY 2017 appropriation was approved to begin the planning for this addition. This project is scheduled to be completed August 2020.

Piney Branch ES Addition (P651707)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools

Silver Spring

Date Last Modified 5/19/16
Required Adequate Public Facility
Relocation Impact
Status

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	493	0	0	493	0	0	274	219	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	924	0	0	924	0	0	0	0	593	331	0
Construction	2,423	0	0	2,423	0	0	0	0	1,634	789	0
Other	371	0	0	371	0	0	0	0	0	371	0
Total	4,211	0	0	4,211	0	0	274	219	2,227	1,491	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	4,211	0	0	4,211	0	0	274	219	2,227	1,491	0
Total	4,211	0	0	4,211	0	0	274	219	2,227	1,491	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

A comprehensive capacity study to address overutilization at several elementary schools in the lower section of the Downcounty Consortium was conducted during the 2014-2015 school year. This capacity study included the following schools: East Silver Spring, Forest Knolls, Highland View, Montgomery Knolls, New Hampshire Estates, Oak View, Takoma Park, Pine Crest, Piney Branch ,Rolling Terrace, Sligo Creek and Woodlin elementary schools. Based on revised enrollment projections, enrollment at Piney Branch Elementary School will exceed 125 seats by the end of the six-year planning period. Piney Branch Elementary School is located on the smallest site in the county at 1.9 acres and there is little to no room for relocatable classrooms to accommodate overutilization at the school. Therefore, the Board of Education's Requested FY2017-2022 CIP included a five classroom addition for this school to address the space deficit. The County Council's adopted FY2017-2022 CIP includes funding for this project, with planning to begin in FY 2019. An FY 2019 appropriation will be requested to begin planning this addition. This project is scheduled to be completed August 2021.

Coordination

Mandatory Referral -- M-NCPPC Department of Environmental Protection Building Permits Code Review Fire Marshal Department of Transportation Inspections Sediment Control Stormwater Management WSSC Permits.

S. Christa McAuliffe ES Addition (P651502)

Category	Montgomery County Public Schools	Date Last Modified	5/18/16
Sub Category	Individual Schools	Required Adequate Public Facility	No
Administering Agency	Public Schools (AAGE18)	Relocation Impact	None
Planning Area	Germantown	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,024	0	0	1,024	512	410	102	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,976	0	0	1,976	0	1,482	494	0	0	0	0
Construction	7,913	0	0	7,913	0	3,956	3,166	791	0	0	0
Other	473	0	0	473	0	0	473	0	0	0	0
Total	11,386	0	0	11,386	512	5,848	4,235	791	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	8,154	0	0	8,154	148	5,848	1,367	791	0	0	0
Schools Impact Tax	3,232	0	0	3,232	364	0	2,868	0	0	0	0
Total	11,386	0	0	11,386	512	5,848	4,235	791	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				120	0	0	0	40	40	40	
Maintenance				294	0	0	0	98	98	98	
Net Impact				414	0	0	0	138	138	138	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,024
Appropriation Request Est.	FY 18	4,972
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	10,171
Last FY's Cost Estimate	10,171

Description

Enrollment projections at S. Christa McAuliffe Elementary School reflect a need for an addition. S. Christa McAuliffe Elementary School has a program capacity for 533 students. Enrollment is expected to reach 697 students by the 2019-2020 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY 2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. Based on new enrollment projections, this school has one of the highest space deficits of approved projects in the Amended FY2015-2020 CIP. Therefore, the Board of Education, in the FY 2017-2022 CIP, accelerated this project one year. An FY 2017 appropriation was approved for planning funds. This project is scheduled to be completed by August 2019.

Disclosures

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshall, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Takoma Park MS Addition (P651706)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools

Takoma Park

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/19/16
No
None
Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,954	0	0	1,954	500	477	782	195	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	5,465	0	0	5,465	0	0	1,200	3,004	1,261	0	0
Construction	16,843	0	0	16,843	0	0	200	10,697	5,946	0	0
Other	924	0	0	924	0	0	0	924	0	0	0
Total	25,186	0	0	25,186	500	477	2,182	14,820	7,207	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	25,186	0	0	25,186	500	477	2,182	14,820	7,207	0	0
Total	25,186	0	0	25,186	500	477	2,182	14,820	7,207	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				178	0	0	0	0	89	89	
Maintenance				448	0	0	0	0	224	224	
Net Impact				626	0	0	0	0	313	313	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,954
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

Projections indicate enrollment at Takoma Park Middle School will exceed capacity by 150 seats or more by the end of the six-year period. An FY 2017 appropriation was approved to begin the planning for this 25 classroom addition. This project is scheduled to be completed by August 2020.

Capacity

Program Capacity after Addition: 1498

Coordination

Mandatory Referral -- M-NCPPC Department of Environmental Protection Building Permits Code Review Fire Marshal Department of Transportation Inspections Sediment Control Stormwater Management WSSC Permits.

Thomas W. Pyle MS Addition (P651705)

Category	Montgomery County Public Schools	Date Last Modified	5/19/16
Sub Category	Individual Schools	Required Adequate Public Facility	No
Administering Agency	Public Schools (AAGE18)	Relocation Impact	None
Planning Area	Bethesda-Chevy Chase	Status	Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,426	0	0	1,426	400	313	350	363	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4,122	0	0	4,122	0	0	1,000	2,199	923	0	0
Construction	12,251	0	0	12,251	0	0	620	7,906	3,725	0	0
Other	1,100	0	0	1,100	0	0	0	1,100	0	0	0
Total	18,899	0	0	18,899	400	313	1,970	11,568	4,648	0	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	18,899	0	0	18,899	400	313	1,970	11,568	4,648	0	0
Total	18,899	0	0	18,899	400	313	1,970	11,568	4,648	0	0
OPERATING BUDGET IMPACT (\$000s)											
Energy				148	0	0	0	0	74	74	
Maintenance				368	0	0	0	0	184	184	
Net Impact				516	0	0	0	0	258	258	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,426	Date First Appropriation	
Appropriation Request Est.	FY 18	0	First Cost Estimate	
Supplemental Appropriation Request		0	Current Scope	0
Transfer		0	Last FY's Cost Estimate	0
Cumulative Appropriation		0		
Expenditure / Encumbrances		0		
Unencumbered Balance		0		

Description

Projections for Thomas Pyle Middle School indicate that enrollment will exceed capacity by 150 seats or more throughout the six-year planning period. An FY 2015 appropriation was approved in the Building Modifications and Program Improvements project for the planning and construction of a third auxiliary gymnasium. However due to the space deficit at the school and the need for additional cafeteria space an FY 2016 appropriation was approved for a feasibility study to determine the scope and cost for an addition and core improvements to this school. An FY 2017 appropriation was approved to begin the planning for this 14 classroom addition. The project is scheduled to be completed August 2020.

Coordination

Mandatory Referral – M-NCPPC Department of Environmental Protection Building Permits Code Review Fire Marshal Department of Transportation Inspections Sediment Control Stormwater Management WSSC Permits.

Walt Whitman HS Addition (P651704)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
Public Schools (AAGE18)
Bethesda-Chevy Chase

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/19/16

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,660	0	0	1,660	0	830	664	166	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,579	0	0	3,579	0	0	0	2,743	836	0	0
Construction	15,616	0	0	15,616	0	0	0	6,158	7,926	1,532	0
Other	1,218	0	0	1,218	0	0	0	0	1,218	0	0
Total	22,073	0	0	22,073	0	830	664	9,067	9,980	1,532	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	22,073	0	0	22,073	0	830	664	9,067	9,980	1,532	0
Total	22,073	0	0	22,073	0	830	664	9,067	9,980	1,532	0
OPERATING BUDGET IMPACT (\$000s)											
Energy				168	0	0	0	0	84	84	
Maintenance				418	0	0	0	0	209	209	
Net Impact				586	0	0	0	0	293	293	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	1,660
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

Projections indicate enrollment at Walt Whitman High School will exceed capacity by 200 seats or more by the end of the six-year period. The Board of Education's Requested FY 2017-2022 CIP included funding for an addition to this school, with planning to begin in FY 2017. Due to fiscal constraints, the County Council's adopted FY 2017-2022 CIP includes a one year delay for this project. An FY 2018 appropriation will be requested to begin the planning for a 27 classroom addition at this school. This project is scheduled to be completed August 2021.

Capacity

Program Capacity after Addition: 2398

Coordination

Mandatory Referral – M-NCPPC Department of Environmental Protection Building Permits Code Review Fire Marshal Department of Transportation Inspections Sediment Control Stormwater Management WSSC Permits.

Walter Johnson Cluster HS Solution (651607)

Category Montgomery County Public Schools
 Sub Category Individual Schools
 Administering Agency Public Schools (AGE18)
 Planning Area North Bethesda-Garrett Park

Date Last Modified 11/17/14
 Required Adequate Public Facility
 Relocation Impact
 Status

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	236	0	0	236	0	118	71	47	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	253	0	0	253	0	0	202	51	0	0	0
Construction	2,342	0	0	2,342	0	0	468	1,171	703	0	0
Other	280	0	0	280	0	0	0	56	224	0	0
Total	3,111	0	0	3,111	0	118	741	1,325	927	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	3,111	0	0	3,111	0	118	741	1,325	927	0	0
Total	3,111	0	0	3,111	0	118	741	1,325	927	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

Due to increasing enrollment growth, this project includes funds to design and construct eight permanent high school classrooms serving the Walter Johnson Cluster. These additional classrooms would meet capacity requirements under the Subdivision Staging Policy, avoiding a residential moratorium in the Walter Johnson Cluster. The County Council anticipates that ultimately the Board of Education will request a specific project that will add at least these classrooms by the start of the 2020-2021 school year at the latest, and that these funds would be used towards that purpose. The Board of Education, in the FY 2017-2022 CIP approved a Roundtable Discussion Group to evaluate a range of options to address the overutilization at Walter Johnson High School.

Wood Acres ES Addition (P136508)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
Public Schools (AAGE18)
Bethesda-Chevy Chase

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

5/26/16
No
None
Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	786	550	157	79	79	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,496	1,122	374	0	0	0	0	0	0	0	0
Construction	5,982	1,197	4,188	597	597	0	0	0	0	0	0
Other	342	0	103	239	239	0	0	0	0	0	0
Total	8,606	2,869	4,822	915	915	0	0	0	0	0	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	5,969	232	4,822	915	915	0	0	0	0	0	0
Schools Impact Tax	2,637	2,637	0	0	0	0	0	0	0	0	0
Total	8,606	2,869	4,822	915	915	0	0	0	0	0	0
OPERATING BUDGET IMPACT (\$000s)											
Energy				204	34	34	34	34	34	34	34
Maintenance				552	92	92	92	92	92	92	92
Net Impact				756	126	126	126	126	126	126	126

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		8,606
Expenditure / Encumbrances		2,869
Unencumbered Balance		5,737

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	8,606

Description

Enrollment projections at Wood Acres Elementary School reflect a need for an addition. Wood Acres Elementary School has a program capacity for 551 students. Enrollment is expected to reach 696 students by the 2016-2017 school year. A feasibility study was conducted in FY 2011 to determine the cost and scope of the project. An FY 2014 appropriation was approved to begin planning this addition. An FY 2015 appropriation was approved for construction funds. An FY2016 appropriation was approved to complete this project. This project is scheduled to be completed by August 2016.

Capacity

Program Capacity After Addition: 735

Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshall, Department of Transportation, Inspections, Sediment Control, Stormwater Management, WSSC Permits

Woodlin ES Addition (P651703)

Category
Sub Category
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
Public Schools (AAGE18)
Silver Spring

Date Last Modified 5/18/16
Required Adequate Public Facility
Relocation Impact
Status

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,167	0	0	1,167	0	0	583	350	117	117	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,256	0	0	1,256	0	0	0	0	816	440	0
Construction	11,987	0	0	10,788	0	0	0	0	4,795	5,993	1,199
Other	887	0	0	887	0	0	0	0	0	887	0
Total	15,297	0	0	14,098	0	0	583	350	5,728	7,437	1,199

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	15,297	0	0	14,098	0	0	583	350	5,728	7,437	1,199
Total	15,297	0	0	14,098	0	0	583	350	5,728	7,437	1,199

OPERATING BUDGET IMPACT (\$000s)											
Energy				96	0	0	0	0	48	48	
Maintenance				242	0	0	0	0	121	121	
Net Impact				338	0	0	0	0	169	169	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	0
Last FY's Cost Estimate	0

Description

A comprehensive capacity study to address overutilization at several elementary schools in the lower section of the Downcounty Consortium was conducted during the 2014-2015 school year. This capacity study included the following schools: East Silver Spring, Forest Knolls, Highland View, Montgomery Knolls, New Hampshire Estates, Oak View, Takoma Park, Pine Crest, Piney Branch, Rolling Terrace, Sligo Creek and Woodlin elementary schools. As a result of the capacity study it was determined that a eight classroom addition project would be constructed at Woodlin Elementary School to address the space deficit at the school. The Board of Education's Requested FY 2017-2022 CIP included funds for this addition project, with planning to begin in FY 2017. Due to fiscal constraints, the County Council's adopted FY 2017-2022 CIP includes a two year delay of this addition project. An FY 2019 appropriation will be requested to begin the planning for this addition. This project is scheduled to be completed August 2022.

Capacity

Program Capacity after Addition: 635

Coordination

Mandatory Referral – M-NCPPC Department of Environmental Protection Building Permits Code Review Fire Marshal Department of Transportation Inspections Sediment Control Stormwater Management WSSC Permits.

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 06/27/2016 3:54 PM

		Total Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
Montgomery County Public Schools												
Individual Schools												
	Redland MS - Improvements (P016519)	14,233	14,233	0	0	0	0	0	0	0	0	0
*	Brookhaven ES Addition (P096500)	5,819	5,819	0	0	0	0	0	0	0	0	0
	Fairland ES Addition (P096501)	7,729	7,729	0	0	0	0	0	0	0	0	0
*	Harmony Hills ES Addition (P096503)	5,949	5,949	0	0	0	0	0	0	0	0	0
*	Jackson Road ES Addition (P096504)	6,791	6,791	0	0	0	0	0	0	0	0	0
*	Montgomery Knolls ES Addition (P096505)	8,753	8,753	0	0	0	0	0	0	0	0	0
	Rock View ES Addition (P096506)	5,470	5,470	0	0	0	0	0	0	0	0	0
*	Whetstone ES Addition (P096508)	7,633	7,633	0	0	0	0	0	0	0	0	0
	Bradley Hills ES Addition (P116503)	17,949	17,949	0	0	0	0	0	0	0	0	0
	Clarksburg HS Addition (P116505)	11,823	6,875	4,948	0	0	0	0	0	0	0	0
	Clarksburg/Damascus MS (New) (P116506)	52,764	13,940	30,246	8,578	0	0	0	0	0	0	0
	Damestown ES Addition (P116507)	15,400	15,400	0	0	0	0	0	0	0	0	0
	Georgian Forest ES Addition (P116508)	10,620	10,620	0	0	0	0	0	0	0	0	0
	Somerset ES Addition (P116509)	1,516	1,516	0	0	0	0	0	0	0	0	0
	Viers Mill ES Addition (P116510)	11,177	11,177	0	0	0	0	0	0	0	0	0
	Waters Landing ES Addition (P116511)	8,827	8,827	0	0	0	0	0	0	0	0	0
	Westbrook ES Addition (P116512)	12,052	12,052	0	0	0	0	0	0	0	0	0
	Wyngate ES Addition (P116513)	10,230	10,230	0	0	0	0	0	0	0	0	0
	Arcola ES Addition (P136500)	3,841	2,294	1,547	0	0	0	0	0	0	0	0
	Bethesda ES Addition (P136501)	3,970	2,393	1,577	0	0	0	0	0	0	0	0
*	Bethesda-Chevy Chase MS #2 (P136502)	54,114	2,879	13,181	38,054	5,380	0	0	0	0	0	1,700
	Highland View ES Addition (P136503)	0	0	0	0	0	0	0	0	0	0	0
	North Chevy Chase ES Addition (P136504)	6,820	4,031	2,789	0	0	0	0	0	0	0	0
	Northwest Cluster ES Solution (P136505)	19,450	1,192	894	17,364	0	4,660	7,532	5,172	0	0	0
	Rosemary Hills ES Addition (P136506)	5,708	3,435	2,273	0	0	0	0	0	0	0	0
	Julius West MS Addition (P136507)	15,303	5,073	8,554	1,676	1,676	0	0	0	0	0	0
	Wood Acres ES Addition (P136508)	8,606	2,869	4,822	915	915	0	0	0	0	0	0
*	Sargent Shriver ES Addition (DCC Solution) (P651501)	-341	0	-341	0	0	0	0	0	0	0	0
	S. Christa McAuliffe ES Addition (P651502)	11,386	0	0	11,386	5,848	4,235	791	0	0	0	1,024
	North Bethesda MS Addition (P651503)	21,593	676	507	20,410	8,168	1,540	0	0	0	0	18,931
	Lucy V. Barnsley ES Addition (P651504)	13,224	462	347	12,415	6,391	983	0	0	0	0	11,495
	Kensington-Parkwood ES Addition (P651505)	12,679	399	299	11,981	6,293	932	0	0	0	0	11,205
*	Kemp Mill ES Addition (DCC Solution) (P651506)	-774	0	-774	0	0	0	0	0	0	0	0
	Judith Resnik ES Addition (P651507)	10,989	0	0	10,989	436	4,292	5,120	793	0	0	871
*	Highland ES Addition (DCC Solution) (P651508)	-713	0	-713	0	0	0	0	0	0	0	0

* = Closeout or Pending Closeout

CIP230 - CC Approved

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 06/27/2016 3:54 PM

		Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
*	Glen Haven ES Addition (DCC Solution) (P651509)	-367	0	-367	0	0	0	0	0	0	0	0	0
	Diamond ES Addition (P651510)	9,147	322	241	8,584	4,329	3,578	677	0	0	0	0	7,807
	Burtonsville ES Addition (P651511)	12,818	0	0	12,818	469	352	3,574	5,371	3,052	0	0	1,172
*	Brookhaven ES Addition (DCC Solution) (P651512)	-481	0	-481	0	0	0	0	0	0	0	0	0
	Bethesda-Chevy Chase HS Addition (P651513)	39,647	1,123	842	37,682	15,821	18,952	2,909	0	0	0	0	35,245
	Ashburton ES Addition (P651514)	13,944	0	0	13,944	603	7,003	5,314	1,024	0	0	0	1,205
*	Blair Ewing Center Improvements (P651515)	16,579	605	454	15,520	0	3,375	6,274	5,871	0	0	0	0
	Wheaton Cluster MS Solution (P651516)	0	0	0	0	0	0	0	0	0	0	0	0
	Northwood Cluster HS Solution (P651517)	3,888	0	0	3,888	0	147	927	1,656	1,158	0	0	0
	Gaithersburg ES Addition (P651518)	26,000	0	0	26,000	2,000	1,872	6,954	11,254	3,920	0	0	4,097
	Albert Einstein Cluster HS Solution (P651519)	2,334	0	0	2,334	0	89	556	994	695	0	0	0
	Clarksburg Cluster ES (Clarksburg Village Site #1) (P116504)	26,418	26,418	0	0	0	0	0	0	0	0	0	0
*	Northwood Cluster MS Solution (651608)	0	0	0	0	0	0	0	0	0	0	0	0
	Walter Johnson Cluster HS Solution (651607)	3,111	0	0	3,111	0	118	741	1,325	927	0	0	0
	Thomas W. Pyle MS Addition (P651705)	18,899	0	0	18,899	400	313	1,970	11,568	4,648	0	0	1,426
	East Silver Spring ES Addition (P086500)	11,798	11,798	0	0	0	0	0	0	0	0	0	0
	Greencastle ES Addition (P651710)	11,218	0	0	10,438	0	0	498	398	4,239	5,303	780	0
	Col E Brooke Lee MS Addition (P651712)	20,045	0	0	20,045	0	0	1,230	6,164	11,115	1,536	0	0
	Piney Branch ES Addition (P651707)	4,211	0	0	4,211	0	0	274	219	2,227	1,491	0	0
	Montgomery Knolls ES Addition (P651709)	6,605	0	0	6,605	273	218	3,227	2,443	444	0	0	546
	Walt Whitman HS Addition (P651704)	22,073	0	0	22,073	0	830	664	9,067	9,980	1,532	0	0
	Clarksburg Cluster ES (Clarksburg Village Site #2) (P651713)	36,008	0	0	36,008	1,238	5,094	18,202	11,474	0	0	0	2,476
	Woodlin ES Addition (P651703)	15,297	0	0	14,098	0	0	583	350	5,728	7,437	1,199	0
	Takoma Park MS Addition (P651706)	25,186	0	0	25,186	500	477	2,182	14,820	7,207	0	0	1,954
	Pine Crest ES Addition (P651708)	8,623	0	0	8,623	352	211	3,492	3,942	626	0	0	703
	East Silver Spring ES Addition (P651714)	3,514	0	0	3,282	0	0	160	96	1,448	1,578	232	0
		737,105	236,932	70,845	427,117	94,162	72,170	77,050	101,479	63,379	18,877	2,211	101,857
Countywide (SC50)													
	Indoor Air Quality Improvements: MCPS (P006503)	31,055	19,926	2,147	8,982	1,497	1,497	1,497	1,497	1,497	1,497	0	1,497
	Fire Safety Code Upgrades (P016532)	25,483	11,769	446	13,268	5,000	5,000	817	817	817	817	0	5,000
	Technology Modernization (P036510)	368,926	191,111	25,538	152,277	27,399	26,010	22,875	25,366	25,484	25,143	0	27,399
	Restroom Renovations (P056501)	16,275	11,699	36	4,540	2,290	2,250	0	0	0	0	0	2,290
*	Transportation Maintenance Depot (P056510)	500	500	0	0	0	0	0	0	0	0	0	0
	Building Modifications and Program Improvements (P076506)	35,939	25,994	3,545	6,400	3,200	3,200	0	0	0	0	0	3,200
*	County Water Quality Compliance (P106500)	410	410	0	0	0	0	0	0	0	0	0	0
	WSSC Compliance (P126500)	6,400	6,400	0	0	0	0	0	0	0	0	0	0
	Modifications to Holding, Special Education & Afterschool (P136510)	3,000	3,000	0	0	0	0	0	0	0	0	0	0

* = Closeout or Pending Closeout

CIP230 - CC Approved

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 06/27/2016 3:54 PM

	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
Land Acquisition: MCPS (P546034)	8,005	8,005	0	0	0	0	0	0	0	0	0	0
Design and Construction Management (P746032)	75,575	44,453	1,722	29,400	4,900	4,900	4,900	4,900	4,900	4,900	0	4,900
Roof Replacement: MCPS (P766995)	88,151	25,151	8,000	55,000	12,000	9,500	6,500	10,500	7,500	9,000	0	12,000
Energy Conservation: MCPS (P796222)	33,864	19,734	1,788	12,342	2,057	2,057	2,057	2,057	2,057	2,057	0	2,057
ADA Compliance: MCPS (P796235)	28,593	16,593	3,000	9,000	2,100	2,100	1,200	1,200	1,200	1,200	0	2,100
HVAC (Mechanical Systems) Replacement: MCPS (P816533)	224,677	61,905	9,772	153,000	28,000	18,000	18,000	28,500	28,000	32,500	0	28,000
Asbestos Abatement: MCPS (P816695)	17,810	10,690	250	6,870	1,145	1,145	1,145	1,145	1,145	1,145	0	1,145
Relocatable Classrooms (P846540)	53,061	37,763	3,048	12,250	2,250	5,000	5,000	0	0	0	0	0
Stadium Lighting (P876544)	509	509	0	0	0	0	0	0	0	0	0	0
School Gymnasiums (P886550)	19,999	19,999	0	0	0	0	0	0	0	0	0	0
Planned Life Cycle Asset Repl: MCPS (P896586)	118,913	71,063	4,386	43,464	11,000	9,750	4,741	5,991	5,991	5,991	0	11,000
School Security Systems (P926557)	18,610	18,610	0	0	0	0	0	0	0	0	0	0
Stormwater Discharge & Water Quality Mgmt: MCPS (P956550)	10,396	6,342	358	3,696	616	616	616	616	616	616	0	616
Facility Planning: MCPS (P966553)	11,767	8,345	512	2,910	635	535	360	460	460	460	0	635
Improved (Safe) Access to Schools (P975051)	14,343	9,563	780	4,000	2,000	2,000	0	0	0	0	0	2,000
Future Revitalizations/Expansions(P886536)	154,908	0	0	20,298	0	0	1,400	2,414	5,436	11,048	134,610	0
Rehab/Reno.Of Closed Schools- RROCS (P916587)	174,319	76,742	977	38,101	13,455	21,065	3,581	0	0	0	58,499	36,023
Current Revitalizations/Expansions(P926575)	1,388,966	462,612	120,654	726,544	91,294	102,858	178,297	120,483	114,618	118,994	79,156	15,342
Shady Grove Transportation Depot Replacement (P651641)	2,425	0	2,425	0	0	0	0	0	0	0	0	0
Countywide (SC50)	2,932,879	1,168,888	189,384	1,302,342	210,838	217,483	252,986	205,946	199,721	215,368	272,265	155,204
Miscellaneous Projects												
MCPS Affordability Reconciliation (P056516)	0	0	0	0	0	0	0	0	0	0	0	0
MCPS Funding Reconciliation (P076510)	0	0	0	0	0	0	0	0	0	0	0	0
State Aid Reconciliation (P996536)	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Projects												
Montgomery County Public Schools	3,669,984	1,405,820	260,229	1,729,459	305,000	289,663	330,036	307,425	263,100	234,245	274,476	257,061

* = Closeout or Pending Closeout

CIP230 - CC Approved

MONTGOMERY COLLEGE

ADA Compliance: College (P936660)

Category Montgomery College
 Sub Category Higher Education
 Administering Agency Montgomery College (AAGE15)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	113	87	14	12	2	2	2	2	2	2	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	235	234	1	0	0	0	0	0	0	0	0
Construction	1,255	912	55	288	48	48	48	48	48	48	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,603	1,233	70	300	50	50	50	50	50	50	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	1,603	1,233	70	300	50	50	50	50	50	50	0
Total	1,603	1,233	70	300	50	50	50	50	50	50	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	50
Appropriation Request Est.	FY 18	50
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,303
Expenditure / Encumbrances		1,284
Unencumbered Balance		19

Date First Appropriation	FY 93
First Cost Estimate	
Current Scope	FY 17 1,603
Last FY's Cost Estimate	1,503

Description

This project provides funding for modifications to College facilities to comply with the accessibility provisions of the Americans with Disability Act (ADA) of 1990. Typical modifications include: paths of travel, entrance doors, stairs, corridors, ramps, toilet facilities, drinking fountains, parking, curb cuts, elevators, areas of refuge, public phones, signage, emergency notification and alarm systems, and other accessibility modifications to meet comfort, security, and safety requirements for people with disabilities. This project addresses access deficiencies in all College facilities. Project implementation is in accordance with ADA guidelines and the College's annual work program. The College has conducted a series of facility audits to determine ADA compliance and scope of required modification work, including estimated costs. Readily achievable modifications are implemented as part of the College's regular maintenance work.

Cost Change

Increase due to the addition of FY21 and FY22.

Justification

The ADA requirements mandate a comprehensive effort to provide accessible programs and barrier free facilities to disabled persons. The deadline for compliance with the requirement to make the College's programs accessible was January 26, 1995; however, the law allows for additional time to comply if available resources are limited for structural and building modifications. Based on the College's annual work program and available funding for ADA modifications, the College anticipates that the project will continue beyond the current six-year CIP. Relevant studies include the Collegewide Facilities Condition Assessment Update (12/13) and the Collegewide Facilities Master Plan Update (1/15).

Other

FY2017 Appropriation: \$50,000 (G.O. Bonds). FY2018 Appropriation: \$50,000 (G.O. Bonds). The following fund transfer has been made from this project: \$7,000 to Planning, Design & Construction project (No. P906605) (BOT Resol. #01-153 - 10/15/01).

Disclosures

Expenditures will continue indefinitely.

Coordination

This project is coordinated with the scheduled building renovations, and the planned construction of new buildings, on the Rockville, Germantown and Takoma Park/Silver Spring Campuses.

Bioscience Education Center (P056603)

Category Montgomery College
Sub Category Higher Education
Administering Agency Montgomery College (AAGE15)
Planning Area Germantown

Date Last Modified 5/20/16
Required Adequate Public Facility No
Relocation Impact None
Status Under Construction

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	8,039	7,953	86	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	74,221	74,193	28	0	0	0	0	0	0	0	0
Other	10,880	8,475	2,205	200	100	100	0	0	0	0	0
Total	93,140	90,621	2,319	200	100	100	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	51,366	50,456	810	100	50	50	0	0	0	0	0
PAYGO	691	691	0	0	0	0	0	0	0	0	0
State Aid	41,083	39,474	1,509	100	50	50	0	0	0	0	0
Total	93,140	90,621	2,319	200	100	100	0	0	0	0	0
Full Time Equivalent (FTE)					0.0	0.0	0.0	0.0	0.0	0.0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		93,140
Expenditure / Encumbrances		90,621
Unencumbered Balance		2,519

Date First Appropriation	FY 05
First Cost Estimate	
Current Scope	FY 17 93,140
Last FY's Cost Estimate	93,840

Description

This project provides for the design and construction of a new biotechnology and science building (approx. 145,139 gsf) on the Germantown Campus, and for a new Germantown campus access road. This building will support Campus space needs and provide for up-to-date biotechnology and science laboratories in a modern facility that complies with current requirements. This new building is part of an overall plan to provide a Campus instructional focus in support of the biotechnology industry. This project also funds the design and construction of a new access road to provide an additional means of entrance and egress as student enrollment grows, and to better address emergency situations that may necessitate a campus evacuation. The current primary gateway and entrance to the campus is located on MD 118. The Germantown Access Road potentially will change from a two lane road to a four lane road to accommodate the additional traffic generated by the Germantown business park. The Council has approved an alignment for the access road consistent with the alignment referred to as West Alternative 2. In addition, the College is working with the County to develop an adjacent technology business park on the Germantown Campus as part of the up-County technology corridor. This new building and the biotechnology program is part of an overall strategy to supply a biotechnology workforce for Montgomery County and the State of Maryland. In addition to housing the biology, chemistry and biotechnology programs, this new building will have a meeting center providing the College and outside groups with opportunities to gather in support of scientific education. The Bioscience Education Center will be located on the Montgomery College Germantown campus at 20200 Observation Drive.

Estimated Schedule

Project construction was completed in the fall of 2014

Justification

Under the application of the State space guidelines, the enrollment growth on the Germantown Campus has resulted in a significant instructional space deficit. The Germantown Campus has a 2022 projected instructional space deficit of 132,252 NASF and a total space deficit anticipated to be 227,390 NASF. In addition, the chemistry and biology classrooms and labs are currently located in outdated facilities; these will be updated under the Germantown Science and Applied Studies Phase 1 Renovation project. The new Bioscience Education building will provide a modern facility for up to date biotechnology instruction along with providing much needed additional space. The Germantown Campus accommodates 7,739 students and 494 full time, and part time faculty and staff (Fall 2012). Related studies include the Collegewide Facilities Master Plan Update (1/13), the Germantown Bioscience Education Center Facility Program (5/04), a Collegewide Facilities Condition Assessment Update (pending 11/13), and the Bioscience Education Center Program Verification Report, (9/07).

Other

Bioscience Education Center (P056603)

Funding Source: G.O. Bonds, Paygo, and State Aid. State share of the project is based on anticipated eligible costs. Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement. The following fund transfers have been made to this project: \$4,500,000 from the Rockville Science Center project (No. P036600) (BOT Resol. #12-01-07, 1/30/12); \$555,000 from the Health Sciences Expansion project (#P096603), \$300,000 from the Rockville Parking Lot and Tennis Court Relocation project (#P096602), and \$200,000 from the Energy Conservation project (#P816611)(BOT Resol. #12-06-036, 6/11/12). The following fund transfer has been made from this project: \$700,000 to the Planning, Design, and Construction project (#P906605) (BOT Resol. #16-04-051, 4/18/16).

Disclosures

A pedestrian impact analysis has been completed for this project.

Montgomery College (A15) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Energy Conservation: College (CIP No. P816611), Facility Planning: College (CIP No. P886686), Germantown Observation Drive Reconstruction (CIP No. P096604), Germantown Science and Applied Studies Phase 1 Renovation (CIP No. P136600)

Capital Renewal: College (P096600)

Category: Montgomery College
 Sub Category: Higher Education
 Administering Agency: Montgomery College (AAGE15)
 Planning Area: Countywide

Date Last Modified: 5/3/16
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	3,646	1,302	544	1,800	300	300	300	300	300	300	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	18,163	8,916	1,047	8,200	700	700	1,700	1,700	1,700	1,700	0
Other	1,079	818	261	0	0	0	0	0	0	0	0
Total	22,888	11,036	1,852	10,000	1,000	1,000	2,000	2,000	2,000	2,000	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	22,888	11,036	1,852	10,000	1,000	1,000	2,000	2,000	2,000	2,000	0
Total	22,888	11,036	1,852	10,000	1,000	1,000	2,000	2,000	2,000	2,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,000
Appropriation Request Est.	FY 18	1,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		12,888
Expenditure / Encumbrances		11,036
Unencumbered Balance		1,852

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17 23,888
Last FY's Cost Estimate	21,508

Description

This project provides funding for the capital renewal and major renovation of College facilities for new and changing College academic programs and student service operations. The major focus of this project is to support programmatic changes to College facilities and operations by allowing the College to continue an on-going building modernization effort where State aid is lacking. With this project, the College will selectively focus State aid requests on high cost projects utilizing these County funds to support an on-going renovation effort on each campus. In conjunction with programmatic improvements and modifications, this project will replace aging building systems, such as heating, air conditioning, electrical, plumbing, etc., provide furniture, fixtures, and equipment; and update facilities to current building codes and regulations.

Cost Change

Increase due to the addition of FY21, and FY22. FY18 was reduced by \$1,000,000 for fiscal capacity.

Justification

Starting FY2009, the County approved funding several renovation projects from the Capital Renewal project. These renovation projects were less likely to receive funding from the State, and as a result five projects at that time were merged into the Capital Renewal project. In November 2007, the College updated a comprehensive building system/equipment assessment, including site utilities and improvements, that identified deficiencies, prioritized replacements and upgrades, and provides the framework for implementing a systematic capital renewal program to complement on-going preventive maintenance efforts. The College continues to have a significant backlog of major building systems and equipment renovations and/or replacements due to the age of the Campuses and deferral of major equipment replacement. Key components of the HVAC, mechanical and electrical systems are outdated, energy inefficient, and costly to continue to repair. The renovation and/or replacement of major building systems, building components and equipment, and site improvements will significantly extend the useful life of the College's buildings and correct safety and environmental problems. The Collegewide Facilities Condition Assessment identified a \$85 million deferred maintenance backlog for the three campuses. If additional financial resources are not directed at this problem, College facilities will continue to deteriorate leading to higher cost renovations or building replacements. Related studies include the Collegewide Facilities Condition Assessment Update (12/13), and the Collegewide Facilities Master Plan Update (1/15), and Utilities Master Plan (5/06).

Other

FY17 Appropriation: \$1,000,000 (G.O. Bonds). FY18 Appropriation: \$1,000,000 (G.O. Bonds). The following budget reallocation is made to this project: \$800,000 from the Health Sciences Expansion project (P096603).

Disclosures

Expenditures will continue indefinitely.

Coordination

Energy Conservation: College (CIP No. P816611), Facility Planning: College (CIP No. P886686), Planned Lifecycle Asset Replacement: College (CIP No. P926659), Roof Replacement: College (CIP No. P876664), Site Improvements: College (CIP No. P076601)

Computer Science Alterations (P046602)

Category: Montgomery College
 Sub Category: Higher Education
 Administering Agency: Montgomery College (AAGE15)
 Planning Area: Rockville

Date Last Modified: 5/6/16
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	550	508	42	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	534	418	116	0	0	0	0	0	0	0	0
Other	75	0	75	0	0	0	0	0	0	0	0
Total	1,159	926	233	0	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	1,159	926	233	0	0	0	0	0	0	0	0
Total	1,159	926	233	0	0	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	-200
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,359
Expenditure / Encumbrances		926
Unencumbered Balance		433

Date First Appropriation	FY 01
First Cost Estimate	
Current Scope	FY01 1,359
Last FY's Cost Estimate	1,359

Description

This project provides funding for (1) the renovation of the upper floor of the Computer Science Building to create new classrooms, a telecommunications room and offices, and (2) a 438-space surface parking lot at the Carver site across from the Rockville Campus. The Computer Science building is located on the Montgomery College - Rockville Campus at 51 Mannakee Street, Rockville, MD 20850.

Estimated Schedule

Project construction is scheduled to be completed in Fall 2019

Cost Change

FY17 and FY18 were reduced by \$100,000 each for fiscal capacity.

Justification

The Rockville Campus has a current (Fall 2014) instructional space deficit of 68,975 net square feet and a total space deficit of 242,373 net square feet. The College is experiencing ongoing shortage of classroom space. The network operating center (NOC), previously housed in the Computer Science Building, has relocated to the Cafritz Foundation Arts Center on the Takoma Park/Silver Spring Campus. The relocation of the NOC has freed up space in the Computer Science Building which is being converted to classrooms and offices. In addition to the shortage of classroom space, there is a similar shortage of parking spaces due to enrollment growth. The 438 space surface parking lot is complete, was opened for Fall 2006 classes, and will help alleviate some of that shortage. Related studies included the Collegewide Facilities Condition Assessment Update (12/13), and the Collegewide Facilities Master Plan Update (1/15).

Other

Funding Source: G.O. Bonds. Renovation of the Computer Science Building is coordinated with the relocation of the NOC from the Computer Science Building on the Rockville Campus to the Cafritz Arts Center on the Takoma Park/Silver Spring Campus. As of FY10, the Takoma Park/Silver Spring Campus NOC is fully operational; renovation of the Rockville (former NOC) facility is scheduled to start construction in FY18, with completion planned for FY19.

Coordination

Cafritz Foundation Arts Center (CIP No. P056604), Network Operating Center (CIP No. P076618)

Elevator Modernization: College (P056608)

Category Montgomery College
 Sub Category Higher Education
 Administering Agency Montgomery College (AAGE15)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	553	465	38	50	50	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	3,621	2,546	325	750	350	100	100	0	0	200	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	4,174	3,011	363	800	400	100	100	0	0	200	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	4,174	3,011	363	800	400	100	100	0	0	200	0
Total	4,174	3,011	363	800	400	100	100	0	0	200	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,974
Expenditure / Encumbrances		3,011
Unencumbered Balance		963

Date First Appropriation	FY 03	
First Cost Estimate		
Current Scope	FY 17	4,174
Last FY's Cost Estimate		3,974

Description

This project provides funding for the modernization and/or replacement of existing elevators on all three campuses.

Cost Change

Increase due to the addition of FY22.

Justification

Many elevator systems at the College are inefficient, outdated and beyond continued economic repair. While the College's maintenance program has kept elevators operational, spare parts are not readily available from maintenance providers for many of the older pieces of elevator equipment. This results in extended down time, high maintenance costs, higher energy consumption, and the lack of current car safety devices. This project will modernize elevators to improve overall performance, safety, reliability and energy conservation, and to achieve code compliance. Furthermore, some buildings lack elevators or have elevators of inadequate size requiring the installation of new elevators to increase accessibility and capacity. Related studies include the Collegewide Facilities Condition Assessment Update (12/13), a Collegewide Elevator Study (4/05), the Collegewide Facilities Master Plan Update (1/15), and the Takoma Park/Silver Spring Elevator Update (9/09).

Other

Funding Source: G.O. Bonds.

Disclosures

Expenditures will continue indefinitely.

Coordination

This project is coordinated with the scheduled building renovations on the Rockville, Takoma Park/Silver Spring and Germantown Campuses., Phase 4 - Takoma Park/Silver Spring Elevator Study, Site Improvements: College (CIP No. P076601)

Energy Conservation: College (P816611)

Category Montgomery College
 Sub Category Higher Education
 Administering Agency Montgomery College (AAGE15)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,342	1,782	80	480	80	80	80	80	80	80	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	59	59	0	0	0	0	0	0	0	0	0
Construction	2,935	2,620	45	270	45	45	45	45	45	45	0
Other	132	132	0	0	0	0	0	0	0	0	0
Total	5,468	4,593	125	750	125	125	125	125	125	125	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	2,106	1,994	16	96	16	16	16	16	16	16	0
Total	5,468	4,593	125	750	125	125	125	125	125	125	0
OPERATING BUDGET IMPACT (\$000s)											
Energy				-6,810	-1,010	-1,060	-1,110	-1,160	-1,210	-1,260	
Maintenance				-2,580	-380	-400	-420	-440	-460	-480	
Net Impact				-9,390	-1,390	-1,460	-1,530	-1,600	-1,670	-1,740	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	125
Appropriation Request Est.	FY 18	125
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,718
Expenditure / Encumbrances		4,643
Unencumbered Balance		75

Date First Appropriation	FY 81
First Cost Estimate	
Current Scope	FY 17 5,468
Last FY's Cost Estimate	5,218

Description

This project provides funding to (1) continue development of a Collegewide energy management program, (2) implement life-cycle cost effective energy conservation measures based upon energy audits, and (3) review new building/renovation designs for compliance with Montgomery County Code, Ch. 8 Building Energy Performance Standards. Typical project activities include retrofits and modifications of lighting, controls, and HVAC equipment; building envelope modifications; solar energy retrofits; computer equipment for equipment control and energy-use monitoring; HVAC system evaluation/balancing studies; long-range energy/utility planning studies; central plant design plans (Germantown, Rockville, Takoma Park/Silver Spring); and waste management studies. Typical payback on lighting, controls, HVAC and solar energy modifications is five to six years. This project includes one staff position for a Utility Analyst which is in response to increased workload associated with the energy and utility functions, but also the design reviews of major projects, planned lifecycle asset replacements, and capital renewals, as well as complying with laws.

Cost Change

Increase due to the addition of FY21 and FY22.

Justification

As mandated by Ch. 8 of the County Code and supported by the College, County Council, the Interagency Committee on Energy & Utility Management (ICEUM), and the Citizens Energy Conservation Advisory Committee (ECAC), an energy cost reduction program has been developed. This program consists of energy audits performed by College staff to identify life cycle cost effective retrofits, including a lighting retrofit program, LEED certification, etc.

Other

FY2017 Appropriation: \$125,000 (G.O. Bonds). FY2018 Appropriation: \$125,000 (G.O. Bonds). The following fund transfers have been made from this project: \$21,420 to Central Plant Distribution System project (#P886676) (BOT Resolution #90-102, 6/18/90); \$70,000 to Fine Arts Renovation (#P906601) (BOT Resolution #94-114, 9/19/94); \$7,000 to Planning, Design & Construction project (#P906605) (BOT Resolution #01-153, 10/15/01), and \$200,000 to Germantown Bioscience Education Center Project (#P056603) (BOT Resol. #12-06-036, 6/11/12). Beginning in FY98, the portion of this project funded by County Current Revenues migrated to the College's Operating Budget. It is anticipated that migration of this portion of the project will promote a desirable consistency with County budgeting practices and encourage greater competition in an environment of scarce resources. Reflecting the migration of this portion of the project, the College's Operating Budget includes funds for this effort. New construction and building renovation projects under review during FY14-15 include planning for new buildings on the Rockville and Germantown campuses. Campus utilities master plans are currently being updated to conform to the approved Facilities Master Plan Update (1/15). This project is also coordinated with the Collegewide Facilities Condition Assessment Update (12/13).

Disclosures

Expenditures will continue indefinitely.

Energy Conservation: College (P816611)

Montgomery College (A15) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

This project is coordinated with the scheduled building renovations, and the planned construction of new buildings, on the Rockville, Germantown, and Takoma Park/Silver Spring Campuses., ICEUM & ECAC, Facility Planning: College (CIP No. P886686), Planned Lifecycle Asset Replacement: College (CIP No. P926659), Roof Replacement: College (CIP No. P876664)

Facility Planning: College (P886686)

Category: Montgomery College
 Sub Category: Higher Education
 Administering Agency: Montgomery College (AAGE15)
 Planning Area: Countywide

Date Last Modified: 11/17/14
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	6,857	4,861	376	1,620	270	270	270	270	270	270	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	6,857	4,861	376	1,620	270	270	270	270	270	270	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	6,857	4,861	376	1,620	270	270	270	270	270	270	0
Total	6,857	4,861	376	1,620	270	270	270	270	270	270	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	270
Appropriation Request Est.	FY 18	270
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,237
Expenditure / Encumbrances		4,861
Unencumbered Balance		376

Date First Appropriation	FY 88
First Cost Estimate	
Current Scope	FY 17 6,857
Last FY's Cost Estimate	6,317

Description

This project provides funding for campus master plans, and facility planning studies for projects being considered for possible inclusion in the CIP. In addition, facility planning serves as a transition stage for a project between the master plan or conceptual stage, and its inclusion as a stand-alone project, or subproject, in the CIP. Prior to the establishment of a stand-alone project, the College develops a Facility Program/Program of Requirements (POR) that outlines the general facility purpose and need and specific features required on the project. Facility planning is a decision-making process to determine the purpose and need of a candidate project through a rigorous investigation of the following critical project elements: usage forecasts; academic requirements; investigation of non-County sources of funding; and detailed project cost estimates. This project provides for project planning and preliminary design, and allows for the development of a program of requirements in advance of the full programming of a project in the CIP, including the preparation of Part I and II documentation to meet State requirements. Depending upon the results of a facility planning determination of purpose and need, a project may or may not proceed to construction.

Cost Change

Increase due to the addition of FY21 and FY22.

Justification

There is a continuing need for the development of accurate cost estimates and an exploration of alternatives for proposed projects. Facility planning costs for all projects which ultimately become stand-alone PDFs are included here. These costs will not be reflected in the resulting individual project. Future individual CIP projects which result from facility planning may each reflect reduced planning and design costs. Relevant studies include the Collegewide Facilities Condition Assessment Update (12/13), and the Collegewide Facilities Master Plan Update (1/15).

Other

FY2017 Appropriation: \$270,000 (Current Revenue: General). FY2018 Appropriation: \$270,000 (Current Revenue: General). The following fund transfers have been made from this project: \$25,000 to the Information Technology: College project (CIP No. P856509) (BOT Resol. #91-56 - 5/20/91); \$7,000 to Planning, Design & Construction (CIP No. P906605) (BOT Resol. #01-153 - 10/15/01); \$25,000 to Planning, Design and Construction (CIP No. P804064) (BOT Resol. #02-62 - 6/17/02). The following fund transfer has been made to this project: \$28,000 from the South Silver Spring Property Acquisition (CIP No. P016602) (BOT Resol. # 03-28 - 4/21/03). By County Council Resol. No. 12-6333, the cumulative project appropriation was reduced by \$187,500 in FY92. By County Council Resolution No. 16-1261, the cumulative appropriation was reduced by \$171,000 (Current Revenue: General) as part of the FY10 savings plan.

Disclosures

Expenditures will continue indefinitely.

Coordination

Collegewide Facilities Master Plan Update, FY16 – Takoma Park/Silver Spring Math and Science Center Part I/II as submitted to the State, FY17 – Germantown Student Services Center Part I/II as submitted to the State.

Germantown Observation Drive Reconstruction (P096604)

Category Montgomery College
Sub Category Higher Education
Administering Agency Montgomery College (AAGE15)
Planning Area Germantown

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,000	0	0	1,000	350	500	150	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,000	0	0	1,000	350	500	150	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	1,000	0	0	1,000	350	500	150	0	0	0	0
Total	1,000	0	0	1,000	350	500	150	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,000
Expenditure / Encumbrances		0
Unencumbered Balance		1,000

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY09 1,000
Last FY's Cost Estimate	1,000

Description

This project funds the design for reconstruction of the existing main entrance road, and for signage at the Observation Drive/MD-118 entrance into the Campus. On-going repairs to the main road on the Germantown Campus are no longer sufficient and existing conditions require a major reconstruction. Originally constructed in the mid 1970's, this road was largely constructed on grade without the sub-base construction that is now typical for roads with the heavy vehicle and bus traffic that the Campus operations impose.

Justification

During the Fall 2014 semester, 7,316 students attended the Germantown campus, and the existing main entrance road (Observation Drive) is inadequate for serving the current and growing student body and requires reconstruction due to the heavy vehicle and bus traffic currently experienced on the campus. According to the Geotechnical Report for Observation Drive Pavement Assessment, problems identified with the existing Observation Drive are the non existent sub base, longitudinal cracks, alligator cracks, potholes, and raveling. Related studies include the Collegewide Facilities Condition Assessment (12/13), and the Geotechnical Report for Observation Drive Pavement Assessment (5/07).

Other

Funding Source: G.O. Bonds.

Coordination

Site Improvements: College (CIP No. P076601)

Germantown Science & Applied Studies Phase 1-Renov (P136600)

Category: Montgomery College
 Sub Category: Higher Education
 Administering Agency: Montgomery College (AAGE15)
 Planning Area: Germantown

Date Last Modified: 5/5/16
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	4,529	2,827	1,702	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	30,840	0	5,000	25,840	15,000	10,840	0	0	0	0	0
Other	5,172	0	0	5,172	0	5,172	0	0	0	0	0
Total	40,541	2,827	6,702	31,012	15,000	16,012	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	20,881	1,413	3,760	15,708	7,500	8,208	0	0	0	0	0
Total	40,541	2,827	6,702	31,012	15,000	16,012	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				566	0	102	107	113	119	125	
Maintenance				1,161	0	129	258	258	258	258	
Net Impact				1,727	0	231	365	371	377	383	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	5,172
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		35,369
Expenditure / Encumbrances		2,848
Unencumbered Balance		32,521

Date First Appropriation	FY 13
First Cost Estimate	
Current Scope	FY 17 40,541
Last FY's Cost Estimate	39,025

Description

This project provides for the realignment/renovation of space in the Science and Applied Studies building (65,015 GSF) on the Germantown Campus in accordance with the College's Facilities Master Plan (9/10) and the building educational space specifications. The renovated building will house open class labs, classrooms, offices and support space related to the physics, engineering, and mathematics departments. The Science and Applied Studies Renovation will occur in two phases. The first phase involves the renovation of the second floor, and a 29,330 GSF building addition, to support the Physics, Engineering, and Mathematics disciplines. There will be vacant space in the building when various departments move to the Bioscience Education Center, which makes it necessary to renovate this building to support new disciplines. The current building layout is inappropriate for the Physics, Engineering, and Mathematics departments, which makes it necessary to renovate laboratory spaces, classrooms, and faculty and staff offices. This building also has outdated laboratory equipment, which does not properly support the new functions, and technological changes in teaching methods. Programmatic changes are necessary to prepare this building for these uses. The second phase of this project will deal with the renovation of the first floor. Overall growth at the Germantown Campus in combination with the transition to lab instruction for mathematics and engineering expansion has created the demand for additional academic space. Renovation for these disciplines co-locates them near the Bioscience Education Center, creating good programmatic synergy on the campus. Renovation of this facility is contingent on completion of the Bioscience Education Center. Based on student interest, enrollment trends, existing and projected County and State workforce needs, and the teaching and learning strategies, including the final report of The Governor's Science Technology Engineering Mathematics Task Force, Investing in STEM to Secure Maryland's Future, the Germantown Campus will be well positioned to meet the needs of its students and the region. Design funding for this project was appropriated in FY13, and construction funding was appropriated in FY16.

Estimated Schedule

Project construction is scheduled to be completed in the spring of 2018.

Justification

Under the application of the State space guidelines, the enrollment growth on the Germantown Campus has resulted in a significant instructional space deficit. The Germantown Campus has a 2024 projected instructional space deficit of 190,098 NASF and a total space deficit anticipated to be 317,384 NASF. In addition, this project will position the College to address workforce shortages in the Science, Technology, Engineering, and Mathematics fields. This project will impact local and Maryland workforce shortages through educating students to fill technical jobs. Relevant studies include the Collegewide Facilities Master Plan Update (1/15), the Renovation/Addition to Sciences & Applied Studies Building at Montgomery College Germantown Campus, Part 1, Part 2 (3/11), and the Collegewide Facilities Conditions Assessment Update (12/13),

Other

Germantown Science & Applied Studies Phase 1-Renov (P136600)

FY17 Appropriation: \$0 FY18 Appropriation: \$5,172,000 Total; \$2,788,000 (G.O. Bonds), \$2,384,000 (State Aid). Project expenditures assume that a portion of Information Technology (IT) equipment costs may be funded through the Information Technology (No. P856509) project. The construction costs in the expenditure schedule (\$30,840,000) include: site improvement costs (\$2,390,000), building construction costs (\$28,450,000). The building construction cost per gross square foot equals \$438 (\$28,450,000/65,015).

Disclosures

A pedestrian impact analysis has been completed for this project.

Montgomery College (A15) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Facility Planning: College (No. P886686), Bioscience Education Center (No. P056603), Energy Conservation: College (No. P816611), PLAR: College (No. P926659)

Germantown Student Services Center (P076612)

Category: Montgomery College
 Sub Category: Higher Education
 Administering Agency: Montgomery College (AAGE15)
 Planning Area: Germantown

Date Last Modified: 5/6/16
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	14,506	0	0	6,000	0	0	0	0	0	6,000	8,506
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	65,256	0	0	0	0	0	0	0	0	0	65,256
Other	10,880	0	0	0	0	0	0	0	0	0	10,880
Total	90,642	0	0	6,000	0	0	0	0	0	6,000	84,642

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	45,321	0	0	3,000	0	0	0	0	0	3,000	42,321
Total	90,642	0	0	6,000	0	0	0	0	0	6,000	84,642

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 17 90,642
Last FY's Cost Estimate	89,716

Description

This project provides funds for the design and construction of a new student resource center (approximately 120,400 gross square feet) to support both study and student services as outlined in the Germantown Campus Facilities Master Plan, 2006-2016 (9/10). This project provides a comprehensive one-stop shop and brings together the Cafeteria, Bookstore, and Mailroom from the Humanities and Social Sciences Building; Admissions, Student Life and Security from the Science and Applied Studies Building, creating much more space for study and student development. This building will also house the Provost's Office, as well as media and academic computing support functions. This building will be located at 20200 Observation Drive, Germantown, MD 20874.

Cost Change

Design of this project was delayed from FY19 to FY22 due to likely available State matching funds and County fiscal capacity.

Justification

Supported in this facility are the media resources and academic computing functions, including the computer training lab. The advantage for students is the concentration of support resources in a single location. For the campus, space is made available in other buildings that will allow more growth in office and instructional space before another academic building is needed on campus. Under the application of State space guidelines, the enrollment growth on the Germantown campus has resulted in a significant space deficit. The Germantown campus has a fall 2014 space deficit of 142,114 NASF, and a 2024 projected space deficit of 317,384. Relevant studies include the Collegewide Facilities Master Plan Update (1/15).

Other

Funding Sources: G.O. Bonds and State Aid. State share of project is based on anticipated eligible costs. Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement. The construction costs in the expenditure schedule (\$65,256,000) include: site improvement costs (\$13,295,000), building construction costs (\$51,961,000). The building construction cost per gross square foot equals \$432 (\$51,961,000/120,400).

Disclosures

A pedestrian impact analysis has been completed for this project.

Montgomery College (A15) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Sciences and Applied Studies Building Alterations (CIP# P056605)

Information Technology: College (P856509)

Category Montgomery College
 Sub Category Higher Education
 Administering Agency Montgomery College (AAGE15)
 Planning Area Countywide

Date Last Modified 5/19/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	16,482	16,482	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	23,274	19,081	1,193	3,000	500	500	500	500	500	500	0
Other	122,191	70,169	4,022	48,000	8,000	8,000	8,000	8,000	8,000	8,000	0
Total	161,947	105,732	5,215	51,000	8,500	8,500	8,500	8,500	8,500	8,500	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	97,387	43,100	3,287	51,000	8,500	8,500	8,500	8,500	8,500	8,500	0
Total	161,947	105,732	5,215	51,000	8,500	8,500	8,500	8,500	8,500	8,500	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	3,450
Appropriation Request Est.	FY 18	8,500
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		115,997
Expenditure / Encumbrances		105,732
Unencumbered Balance		10,265

Date First Appropriation	FY 85
First Cost Estimate	
Current Scope	FY 17 161,947
Last FY's Cost Estimate	149,997

Description

This project provides for the design and installation/construction, and support of College Information Technology (IT) systems including data, video, cyber security, software services, enterprise applications, and voice applications; associated cable systems, equipment closet, IT space construction; and the replacement/upgrade of IT equipment to meet current requirements. The project includes planning, installation, and furnishing of technology in classrooms, labs, and offices. These IT systems support and enhance the College's mission, instructional programs, student services including counseling, admissions, registration, etc., and administrative computing requirements for finance, human resources, institutional advancement, workforce development and continuing education, etc., and are implemented in accordance with collegewide strategic planning efforts. The Office of Information Technology (OIT) determines and recommends the hardware and software to be purchased based on requirements analysis. OIT is responsible for equipment purchases, monitoring of systems results, providing assistance during implementation, and on-going technology reviews and analysis. Four (4) technical staff positions are in this project.

Capacity

As part of the FY16 savings plan the College has reduced the FY17 CIP request by \$5,050,000 (Council Resol.#18-248, 9/15/15) to \$350,000 for this project. Increase due to addition in FY21, and FY22. In the FY17 CIP, all Current Revenue: Recordation Tax funds were swapped for Current Revenue: General funds.

Justification

To meet current and projected technical standards for data, video, and voice communications the College plans and installs complete IT, telecommunications and learning center systems at each campus, the central administration building and all instructional sites. The new systems allow replacement of legacy systems for data and video applications; provide for updated networking capabilities; provide necessary security and monitoring capabilities; establish learning centers in classrooms and labs, and for distributed instruction; and allow expanded opportunities for linking with external information technology services. The Information Technology Strategic Plan (ITSP) is a comprehensive plan covering information technology activities funded from all budget sources for an integrated and complete plan for the College. The ITSP helps meet student requirements for information technology tools and instruction in preparation for career opportunities and transfer programs to four-year institutions. Use of state-of-the-market hardware and technology capabilities are required to attract and serve students, as well as serving the business community by upgrading work force technology skills and providing a base for continued economic development in the county. Three goals of the ITSP- are the use of information technology to (1) facilitate student success; (2) effectively and efficiently operate the College; and (3) support the College's growth, development, and community initiatives. The ITSP is an overall strategic plan that provides a cost effective and efficient vision for instructional, academic, and administrative systems. The ITSP supports the current IT program and serves as documentation for future funding requests.

Other

Information Technology: College (P856509)

FY2017 Appropriation: Total \$3,450,000 FY2018 Appropriation: Total \$8,500,000 The following fund transfers have been made from this project: \$1,300,000 to the Takoma Park Campus Expansion project (CIP No. P996662) (BOT Resol. #07-01-005, 1/16/2007); \$300,000 to the Student Learning Support Systems project (CIP No. P076617); and \$2,500,000 to the Network Operating Center project (#P076618)(BOT Resol. #12-06-037, 6/11/12). The following fund transfers have been made to this project: \$111,000 from the Planning, Design and Construction project (CIP No. P906605), and \$25,000 from the Facilities Planning: College project (CIP No. P886886) to this project (BOT Resol. #91-56, 5/20/1991); the project appropriation was reduced by \$559,000 in FY92.

Disclosures

Expenditures will continue indefinitely.

Coordination

Information Technology (IT) Strategic Plan , New Building Construction projects, Campus Building Renovation projects

Instructional Furniture and Equipment: College (P096601)

Category Montgomery College
 Sub Category Higher Education
 Administering Agency Montgomery College (AAGE15)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	3,720	1,830	270	1,620	270	270	270	270	270	270	0
Total	3,720	1,830	270	1,620	270	270	270	270	270	270	0
FUNDING SCHEDULE (\$000s)											
Current Revenue: General	3,720	1,830	270	1,620	270	270	270	270	270	270	0
Total	3,720	1,830	270	1,620	270	270	270	270	270	270	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	270
Appropriation Request Est.	FY 18	270
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,100
Expenditure / Encumbrances		1,847
Unencumbered Balance		253

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17 3,720
Last FY's Cost Estimate	3,180

Description

This project provides funding for new and replacement instructional furniture and equipment to support academic programs, improve classroom and lab functionality, and upgrade equipment to meet instructional requirements. New and replacement furniture and equipment will be provided in classroom, laboratory, and/or instructional support settings. General instructional furniture includes such items as tables, chairs, stools, laboratory cabinetry, white boards, and other display boards, that typically occur in classrooms, labs, and instructional support spaces. Instructional equipment, for example, may include microscopes, autoclaves, weight equipment, pottery kilns, and other types of equipment used for teaching, experimentation, and/or research.

Cost Change

Increase due to the addition of FY21 and FY22.

Justification

Instructional furniture and equipment necessary for classes and labs typically has a replacement cycle of 10 years or more depending upon level of usage. Existing furniture and equipment across the College is often outdated or inadequate, necessitating a major replacement effort. In addition, new instructional endeavors may also require the purchase of furniture and equipment to support the academic program. New and replacement instructional furniture and equipment is necessary to support the academic success of students and provide faculty with the tools for student learning. Relevant studies include the Montgomery College Academic Master Plan, 1/2006.

Other

FY2017 Appropriation: \$270,000 (Current Revenue: General). FY2018 Appropriation: \$270,000 (Current Revenue: General).

Disclosures

Expenditures will continue indefinitely.

Coordination

Montgomery College Academic Master Plan, 1/2006

Macklin Tower Alterations (P036603)

Category Montgomery College
Sub Category Higher Education
Administering Agency Montgomery College (AAGE15)
Planning Area Rockville

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Under Construction

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,591	659	932	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	9,013	4,330	67	4,616	2,000	2,616	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	10,604	4,989	999	4,616	2,000	2,616	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	10,604	4,989	999	4,616	2,000	2,616	0	0	0	0	0
Total	10,604	4,989	999	4,616	2,000	2,616	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		10,604
Expenditure / Encumbrances		4,989
Unencumbered Balance		5,615

Date First Appropriation	FY 03
First Cost Estimate	
Current Scope	FY 14 10,604
Last FY's Cost Estimate	10,604

Description

This project provides funding for major building infrastructure improvements to Macklin Tower including replacement of major mechanical, electrical, and plumbing systems and equipment; upgrade/replacement of life safety systems (fire alarm, emergency generator and sprinkler systems); upgrade/replacement of building elevators; and building access upgrades. The College completed a facilities condition assessment of the building in August 2002 that evaluated all building systems and related equipment and identified major repair and/or replacement requirements.

Estimated Schedule

Project construction is scheduled to be completed in the Fall of 2019

Justification

Macklin Tower was constructed in 1971 and this forty-two year old facility is experiencing a progressive deterioration of building systems and major pieces of building equipment. It has now reached the point that addressing the problem of a deteriorating building infrastructure is beyond the scope of a maintenance effort and that building repairs are no longer adequate or cost effective. Key components of the HVAC, mechanical and electrical systems are outdated, energy inefficient, and costly to continue to repair. The refurbishment and/or replacement of major building systems and related equipment will significantly extend the useful life of the building and correct safety and environmental problems. This project is coordinated with the College's FY02 supplemental appropriation request to the PLAR project (CIP #P926659) to correct significant water and air infiltration problems with a failing exterior curtain wall framing system and a deteriorating sealant used on all of the building's windows. The College completed a building condition assessment in 2002 that provides a detailed evaluation of building deficiencies and initial cost estimates for major repairs, equipment replacements, and related improvements. Schematic Design for Curtain Wall Remediation - Macklin Tower (5/25/01) and Curtain Wall and Building Envelope Investigation - Macklin Tower (3/16/01). Collegewide Facilities Condition Assessment (12/13) and Collegewide Facilities Master Plan Update (1/15).

Other

The following fund transfer has been made from this project: \$400,000 to the Takoma Park Campus Expansion Project (# 996662) (BOT Resol. # 07-01-005, 01/16/07). Funding Source: \$10,604,000 (G.O.Bonds). Note: The Library Renovation and Other (Furniture, Fixtures, and Equipment) costs are currently estimated at \$4.5 million, and \$500,000 respectively pending final design. These costs are not shown in the expenditure schedule.

Fiscal Note

In December 2001, the County Council approved an FY02 supplemental capital budget appropriation of \$2,075,000 to the PLAR project (CIP #P926659) to replace the building's exterior curtain wall to correct problems associated with a failing exterior curtain wall framing system and a deteriorating window sealant. The exterior curtain wall replacement was completed in spring 2003. An engineering evaluation of the building's fire alarm system and emergency generator was completed in August 2002 and a design/build replacement of this system and equipment was completed in summer 2003 for the tower. Mechanical and electrical equipment upgrades of floors 2-6 in the tower have been completed (2004/2005). The current focus is mechanical, electrical and plumbing upgrades for the ground floor, and FY09 and beyond will focus on the 3-story Library wing of the building.

Coordination

Macklin Tower Alterations (P036603)

Energy Conservation: College (CIP No. P816611), Planned Lifecycle Asset Replacement: College (CIP No. P926659), Roof Replacement: College (CIP No. P876664)

Network Infrastructure and Support Systems (P076619)

Category: Montgomery College
 Sub Category: Higher Education
 Administering Agency: Montgomery College (AAGE15)
 Planning Area: Countywide

Date Last Modified: 11/17/14
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	4,293	3,834	459	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	2,369	1,548	821	0	0	0	0	0	0	0	0
Other	17,455	6,253	402	10,800	1,800	1,800	1,800	1,800	1,800	1,800	0
Total	24,117	11,635	1,682	10,800	1,800	1,800	1,800	1,800	1,800	1,800	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	22,697	10,215	1,682	10,800	1,800	1,800	1,800	1,800	1,800	1,800	0
Total	24,117	11,635	1,682	10,800	1,800	1,800	1,800	1,800	1,800	1,800	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	350
Appropriation Request Est.	FY 18	1,800
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		14,767
Expenditure / Encumbrances		11,635
Unencumbered Balance		3,132

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	21,967

Description

The purpose of this project is to provide for planned technology replacements and upgrades, and to establish and maintain network infrastructure and support systems both in existing and new locations based on the academic and instructional needs and requirements of the students and College community. The network infrastructure and support systems represent systems outside the College's datacenters and network operating center structure, including campus cable distribution systems (conduit and wiring); campus centers for labs, classrooms, offices, and learning centers; and operation centers for telephony, communication, security, and notification systems. These network infrastructure and support systems refer to the organization of its various parts and their configurations, and will enhance student learning and benefit the entire College community. These systems include servers, high speed connection systems, routers, ports, wireless access points, network protocols, network access methodologies, firewalls, instructor workstations, hands on computing and technology tools, audio visual equipment, software support and remote access among other developing technologies. This project also funds three (3) project managers to oversee the design of new buildings and renovations (one for each campus) and one (1) position for collegewide communication and notification systems.

Cost Change

As part of the FY16 savings plan the College has reduced the FY17 CIP request by \$1,450,000 (Council Resol. #18-248, 9/15/15) to \$350,000 for this project. Increase due to the addition of FY21 and FY22.

Justification

The datacenter and network operation center network infrastructure must be compatible and work in concert with each other so no location is without central and on-site technology capabilities and support. This requires planned replacement and upgrades as new technology evolves. As faculty continue to develop more learning programs and methods to meet the increased expectations of students, the technology needs are increasing and changing for existing and new capabilities. Without meeting the requirements developed in the Information Technology Strategic Plan (ITSP), College unit plans, overall strategic plans, and telecommunications plans, the College will fall behind on expectations and the ability to deliver the right technology at the appropriate time. The Information Technology Strategic Plan (ITSP) is a comprehensive plan covering information technology activities funded from all budget sources for an integrated and complete plan for the College. The ITSP helps meet student requirements for information technology tools and instruction in preparation for career opportunities and transfer programs to four-year institutions. Use of state-of-the-market hardware and technology capabilities are required to attract and serve students, as well as serving the business community by upgrading work force technology skills and providing a base for continued economic development in the county. Three goals of the ITSP- are the use of information technology to (1) facilitate student success; (2) effectively and efficiently operate the College; and (3) support the College's growth, development, and community initiatives. The ITSP is an overall strategic plan that provides a cost effective and efficient vision for instructional, academic, and administrative systems. The ITSP supports the current IT program and serves as documentation for future funding requests.

Other

FY17 Appropriation: \$350,000 (Current Revenue: General). FY18 Appropriation: \$1,800,000 (Current Revenue: General). The following fund transfers/reductions have occurred with this project: By County Council Resolution No. 16-1261, the cumulative appropriation was reduced by \$533,000 (Current Revenue: General) as part of the FY10 savings plan; \$800,000 to the Network Operating Center project (#P076618)(BOT Resol. #12-06-037,6/11/12).

Network Infrastructure and Support Systems (P076619)

Disclosures

Expenditures will continue indefinitely.

Coordination

Montgomery College Information Technology Strategic Plan

Network Operating Center/Datacenter (P076618)

Category: Montgomery College
 Sub Category: Higher Education
 Administering Agency: Montgomery College (AAGE15)
 Planning Area: Silver Spring

Date Last Modified: 11/17/14
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	5,844	3,175	1,589	1,080	180	180	180	180	180	180	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	9,333	7,856	877	600	100	100	100	100	100	100	0
Other	19,377	6,826	2,231	10,320	1,720	1,720	1,720	1,720	1,720	1,720	0
Total	34,554	17,857	4,697	12,000	2,000	2,000	2,000	2,000	2,000	2,000	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	23,261	10,564	697	12,000	2,000	2,000	2,000	2,000	2,000	2,000	0
Total	34,554	17,857	4,697	12,000	2,000	2,000	2,000	2,000	2,000	2,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,000
Appropriation Request Est.	FY 18	2,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		22,554
Expenditure / Encumbrances		17,857
Unencumbered Balance		4,697

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 17 34,554
Last FY's Cost Estimate	30,554

Description

The purpose of this project is to establish and maintain a datacenter and network operating center on the Takoma Park/Silver Spring Campus and related central sites, and to provide for planned (lifecycle) technology replacements. The datacenter and network operating center houses the technology from which control is exercised over the College's instructional, academic, and administrative computing systems. This project also funds staff for monitoring security, cyber security, disaster recovery and redundant systems to help insure the integrity of the datacenters. Two (2) staff positions are included in the project.

Cost Change

Increase due to the addition FY21 and FY22.

Justification

The datacenter and network operating center located on the Takoma Park/Silver Spring Campus provides the College with high availability as well as upgraded disaster recovery components, security firewalls, and security systems. Planned lifecycle asset replacement and upgrades are critical components of maintaining state-of-the-marketplace hardware and operating software complement within each Campus center. The College's strategic planning initiatives include comprehensive strategies to cover information technology activities funded from all budget sources for an integrated and complete plan for the College. This strategic planning ensures that the College meets student requirements for information technology tools and instruction in preparation for career opportunities and transfer programs to four-year institutions. Use of state-of-the-market hardware and technology capabilities are required to attract and serve students, as well as serving the business community by upgrading work force technology skills and providing a base for continued economic development in the county. Collegewide strategic planning goals include using information technology to (1) facilitate student success; (2) effectively and efficiently operate the College; and (3) support the College's growth, development, and community initiatives. The College's strategic planning efforts provide for a cost effective and efficient vision for instructional, academic, and administrative systems. The College's strategic plan supports the current IT program and serves as documentation for future funding requests.

Other

FY17 Appropriation: \$2,000,000 (Current Revenue: General). FY18 Appropriation: \$2,000,000 (Current Revenue: General). By County Council Resolution No. 16-1261, the cumulative appropriation was reduced by \$146,000 (Current Revenue: General) as part of the FY10 savings plan. The following fund transfers have been made to this project: \$800,000 from the Network Infrastructure Support System project (#P076619), \$2,500,000 from the Information Technology project (#P856509)(BOT Resol. #: 12-06-037, 6/11/12).

Disclosures

Expenditures will continue indefinitely.

Coordination

Cafritz Foundation Arts Center (CIP No. P056604), Computer Science Alterations (CIP No. P046602), Germantown Science and Applied Studies Phase 1 - Renovation (CIP No. P136600).

Planning, Design & Construction (P906605)

Category Montgomery College
 Sub Category Higher Education
 Administering Agency Montgomery College (AAGE15)
 Planning Area Countywide

Date Last Modified 5/20/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	26,118	16,357	2,513	7,248	1,208	1,208	1,208	1,208	1,208	1,208	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	8,300	5,668	376	2,256	376	376	376	376	376	376	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	34,418	22,025	2,889	9,504	1,584	1,584	1,584	1,584	1,584	1,584	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	18,134	12,288	1,094	4,752	792	792	792	792	792	792	0
Total	34,418	22,025	2,889	9,504	1,584	1,584	1,584	1,584	1,584	1,584	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,584
Appropriation Request Est.	FY 18	1,584
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		24,914
Expenditure / Encumbrances		23,376
Unencumbered Balance		1,538

Date First Appropriation	FY 90
First Cost Estimate	
Current Scope	FY 17 34,418
Last FY's Cost Estimate	30,150

Description

This project provides for sixteen full time positions in the Facilities Office. These positions plan, design, manage and implement the College's capital program which extends beyond the current six years. These sixteen positions are broken down into 3 categories: Project Management Staff; Design Staff; and Construction Staff. The positions that are categorized as Project Management Staff are Project Managers (8), and Project Support Staff (1). The Project Managers are responsible for budget development, program planning, and project management through to completion. The Project Support Staff supports the goals of the Project Managers. The positions that are categorized as Design Staff are Architect (2), Engineer (1), and Architectural Drafter/Designer (1). The final category is Construction Staff, which consists of a Construction Services Supervisor (1), and Construction Trades Workers (2), who are responsible for completing small, in-house construction projects.

Cost Change

Increase due to the addition of FY21, and FY22, and the 6% salary increase approved during the FY16 budget cycle.

Justification

The above staff supports the increased work load associated with the College's CIP and complements the existing staff expertise. The College's CIP has increased substantially since the mid-1980s and the then existing staff could no longer support the additional projects.

Other

FY2017 Appropriation: \$1,584,000; \$792,000 (G.O. Bonds) and \$792,000 (Current Revenue: General). FY2018 Appropriation: \$1,584,000; \$792,000 (G.O. Bonds) and \$792,000 (Current Revenue: General). The following fund transfers have been made from this project: \$111,000 to Information Technology (#P856509) (BOT Resol. #91-56; \$400,000 to the Takoma Park Expansion project (#996662) (BOT Resol. #07-01-005, 1/16/07). The following fund transfer has been made into this project: \$28,000 (\$7,000 each) from ADA Compliance (#P936660), Energy Conservation (#P816611), Facility Planning (#P886686), PLAR (#P926659) (BOT Resol. #01-153), and \$150,000 from the Takoma Park Campus Expansion (#P996662) (BOT Resol. #11-06-078, 06-20-11), and \$700,000 from the Bioscience Education Center project (#P056603) (BOT Resol. #16-04-051, 4/18/16). During FY87-89, certain personnel costs were charged to individual capital projects. As some staff work is required on every capital project, separately identifying staff funding is an efficient and cost effective method of management for the College and provides a clear presentation of staff costs.

Disclosures

Expenditures will continue indefinitely.

Planned Lifecycle Asset Replacement: College (P926659)

Category: Montgomery College
 Sub Category: Higher Education
 Administering Agency: Montgomery College (AAGE15)
 Planning Area: Countywide

Date Last Modified: 5/3/16
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	7,513	4,280	933	2,300	300	400	400	400	400	400	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	58,349	35,205	3,644	19,500	2,400	2,700	3,600	3,600	3,600	3,600	0
Other	310	276	34	0	0	0	0	0	0	0	0
Total	66,172	39,761	4,611	21,800	2,700	3,100	4,000	4,000	4,000	4,000	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	1,940	1,940	0	0	0	0	0	0	0	0	0
Total	66,172	39,761	4,611	21,800	2,700	3,100	4,000	4,000	4,000	4,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,700
Appropriation Request Est.	FY 18	3,100
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		44,372
Expenditure / Encumbrances		40,312
Unencumbered Balance		4,060

Date First Appropriation	FY 93
First Cost Estimate	
Current Scope	FY 17 67,072
Last FY's Cost Estimate	59,048

Description

This project provides funding for a comprehensive lifecycle renewal and replacement program to protect the investment in College facilities and equipment and to meet current safety and environmental requirements. Funding also provides for project management staff and/or services. This collegewide project is targeted at deteriorating facilities and deferred maintenance of major building systems. This project includes: (1) HVAC system renovation/replacement; (2) major mechanical/plumbing equipment renovation/replacement; (3) interior and exterior lighting system renovation/replacements; (4) electrical service/switchgear renovation/replacement; (5) building structural and exterior envelope refurbishment; (6) asbestos removals not tied to building renovations; (7) major carpet replacement; (8) underground petroleum tank upgrades; and (9) site utility, and site infrastructure replacement/ improvements. Note: The Life Safety Systems project, (CIP No. P046601), has been merged into this project. This project also provides design and construction funding for the correction of life safety and fire code deficiencies identified in the Collegewide Facilities Condition Audit prepared by Vanderweil Facility Advisors (VFA). The scope of this project includes the installation and/or replacement of fire alarm systems, fire sprinkler systems, smoke control systems, emergency power systems, emergency lighting systems, public address systems, and similar equipment and operations.

Cost Change

Increase due to the addition of FY21, and FY22. FY18 was reduced by \$900,000 for fiscal capacity.

Justification

In November 2007 (December 2013 update), the College updated a comprehensive building system/equipment assessment, including site utilities and improvements, that identified deficiencies, prioritized replacements and upgrades, and provided the framework for implementing a systematic capital renewal program to complement on-going preventive maintenance efforts. The College continues to have a significant backlog of major building systems and equipment renovations and/or replacements due to the age of the Campuses and deferral of major equipment replacement. Key components of the HVAC, mechanical and electrical systems are outdated, energy inefficient, and costly to continue to repair. The renovation and/or replacement of major building systems, building components and equipment, and site improvements will significantly extend the useful life of the College's buildings and correct safety and environmental problems. The Collegewide Facilities Condition Assessment Update (12/13) identified a \$85 million deferred maintenance backlog for the three campuses. If additional financial resources are not directed at this problem, facilities will continue to deteriorate leading to higher cost renovations or building replacements. The Collegewide Facilities Condition Audit identified various life safety concerns on all three campuses. This project allows the College to address the concerns, replacing and/or installing appropriate life safety or fire code measures, and ensuring compliance with applicable life safety, fire, and building codes. Other relevant plans and studies include the Collegewide Facilities Master Plan Update (1/15), and the County Council Report of the Infrastructure Maintenance Task Force (3/14).

Other

Planned Lifecycle Asset Replacement: College (P926659)

FY2017 Appropriation: \$2,700,000 (G.O. Bonds). FY2018 Appropriation: \$3,100,000 (G.O. Bonds). The following fund transfers have been made from this project: \$47,685 to Takoma Park Child Care Center (CIP No. P946657) (BOT Resol. #93-106, #94-26 & #941-28); \$185,000 to Rockville Surge Building (CIP No. P966665) (BOT Resol. #11-2291 - 1/21/97); \$7,000 to Planning, Design & Construction (CIP No. P906605) (BOT Resol. #01-153); \$91,175 to the Art Building Renovation Project (CIP No. P906608) (BOT Resol. # 06-09-106 - 9/18/06); and \$250,000 to the Takoma Park Expansion Project (CIP No. P996662) (BOT Resol. #07-01-005 - 1/16/07). The following fund transfers have been made into this project: \$15,000 from Central Plant Distribution System (CIP No. P886676) (BOT Resol. #98-82 - 6/15/98), \$25,000 from Clean Air Act (CIP No. P956643) (BOT Resol. # 98-82 - 6/15/98), and \$24,000 from the Rockville Campus Science Center Project (CIP No. P036600) (BOT Resol. # 15-03-025 - 03/23/15). Beginning in FY98, the portion of this project funded by County Current Revenues migrated to the College's Operating Budget. Reflecting the migration of this portion of the project, the College's Operating Budget includes funds for this effort. The following fund transfer has been made from this project: \$67,000 to the Commons Building Renovation Project (CIP No. P056601) (BOT Resolution #10-08-057, 07/31/10).

Disclosures

Expenditures will continue indefinitely.

Coordination

This project is coordinated with Utility Master Plans and building renovations on the Rockville, Germantown, and Takoma Park/Silver Spring Campuses; and the following projects: Capital Renewal: College (CIP No. P096600), Elevator Modernization: College (CIP No. P046600), Energy Conservation: College (CIP No. P816611), Facility Planning: College (CIP No. P886686), Macklin Tower Alterations (CIP No. P036603), Roof Replacement: College (CIP No. P876664), Computer Science Alterations (CIP No. P046602).

Rockville Parking Garage (P136601)

Category Montgomery College
Sub Category Higher Education
Administering Agency Montgomery College (AAGE15)
Planning Area Rockville

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	3,200	2,289	911	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	26,500	23,287	3,013	200	100	100	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	29,700	25,576	3,924	200	100	100	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	16,450	13,933	2,417	100	50	50	0	0	0	0	0
Revenue Authority	13,250	11,643	1,507	100	50	50	0	0	0	0	0
Total	29,700	25,576	3,924	200	100	100	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				698	102	108	113	119	125	131	
Maintenance				1,620	270	270	270	270	270	270	
Net Impact				2,318	372	378	383	389	395	401	
Full Time Equivalent (FTE)					4.0	4.0	4.0	4.0	4.0	4.0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		29,700
Expenditure / Encumbrances		25,576
Unencumbered Balance		4,124

Date First Appropriation	FY 15	
First Cost Estimate		
Current Scope	FY 13	29,700
Last FY's Cost Estimate		29,700

Description

This project provides design and construction funding for a 922 space parking garage on the Rockville Campus. The proposed 7 level parking garage will be located north of the Physical Education Building, and will be built on 120 existing parking spaces for a net gain of 802 spaces. The exposed north and west walls will be screened with plantings or architectural elements, while the south side will be adjacent to the PE addition.

Estimated Schedule

Project construction is scheduled to be completed in the Fall of 2016.

Justification

The Rockville Campus currently has 3,497 spaces but needs 5,639 spaces resulting in a deficit of 2,142 spaces (Fall 2014). This deficit is only expected to get worse within the next 10 years with an increase to 3,930 spaces. The parking deficit must be addressed, or this could adversely effect student enrollment at Montgomery College. Related studies include the Collegewide Facilities Master Plan Update (1/15), and a Collegewide Parking Analysis Montgomery College Maryland, (Desman Associates, 3/06).

Other

Funding Sources: G.O. Bonds, and Revenue Authority.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

City of Rockville, Montgomery County Revenue Authority, Rockville Student Services Center (CIP #P076604)

Rockville Student Services Center (P076604)

Category: Montgomery College
 Sub Category: Higher Education
 Administering Agency: Montgomery College (AAGE15)
 Planning Area: Rockville

Date Last Modified: 11/17/14
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	10,369	6,035	4,334	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	53,716	0	4	53,712	28,768	24,944	0	0	0	0	0
Other	10,901	0	0	10,901	0	10,901	0	0	0	0	0
Total	74,986	6,035	4,338	64,613	28,768	35,845	0	0	0	0	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	38,640	3,176	2,169	33,295	14,384	18,911	0	0	0	0	0
Total	74,986	6,035	4,338	64,613	28,768	35,845	0	0	0	0	0
OPERATING BUDGET IMPACT (\$000s)											
Energy				1,994	0	184	420	.441	463	486	
Maintenance				3,685	0	0	521	1,042	1,061	1,061	
Net Impact				5,679	0	184	941	1,483	1,524	1,547	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	53,712
Appropriation Request Est.	FY 18	10,901
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		10,373
Expenditure / Encumbrances		6,035
Unencumbered Balance		4,338

Date First Appropriation	FY 13
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	70,762

Description

This project provides funds for the construction of a new student services center (126,756 gross square feet) to support student administrative services as outlined in the Rockville Campus Facilities Master Plan, 2006-2016 (9/10). This project brings together student and administrative services to support the concept of one stop shopping services for students. Specifically, it will include the following campus related functions and activities: Admissions and Registration, Financial Aid, Cashier, Dean of Student Development, Career Transfer Center, Assessment, Counseling, Disabled Student Services (DSS), and Trio program plus support services such as a training facility, storage, resource library and waiting areas. In addition, this building will house the Office of Safety and Security and a new parking department. This project also includes funding for a central plant located in the Student Services Center and funding for a road extension/site improvements related to the building.

Estimated Schedule

Project construction is scheduled to be completed in the winter 2019.

Cost Change

Project expenditures assume that a portion of Information Technology (IT) equipment costs may be funded through the Information Technology (No. P856509) project. The cost of this project has increased to match the State's allowed cost escalation of 3%.

Justification

Currently, these intake functions are fragmented and are insufficiently accommodated: Student Development is located in the Counseling & Advising Building; the assessment program is located in Campus Center; Admissions, Registration and Financial Aid are located in the Student Services Building. Bringing these functions under one roof will be of great benefit to students by increasing the efficiency of the intake operations. Relevant studies include the Collegewide Facilities Condition Assessment (12/13), the Collegewide Facilities Master Plan Update (1/15), and the Rockville Student Services Center Part 1/Part 2 (5/11).

Other

FY17 Appropriation: \$53,712,000 Total: \$26,856,000 (G.O. Bonds), and \$26,856,000 (State Aid). FY18 Appropriation: \$10,901,000 Total: \$6,439,000 (G.O. Bonds), and \$4,462,000 (State Aid). Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement. The construction costs in the expenditure schedule (\$53,712,000) include: site improvement costs (\$9,553,000), building construction costs (\$44,159,000). The building construction cost per gross square foot equals \$348 (\$44,159,000/126,756).

Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

Montgomery College (A15) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Rockville Student Services Center (P076604)

Coordination

Facility Planning: College (CIP #P886686)

Roof Replacement: College (P876664)

Category Montgomery College
 Sub Category Higher Education
 Administering Agency Montgomery College (AAGE15)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,206	877	197	132	0	0	33	33	33	33	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	7,859	5,461	1,530	868	0	0	217	217	217	217	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	9,065	6,338	1,727	1,000	0	0	250	250	250	250	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	1,248	1,248	0	0	0	0	0	0	0	0	0
Total	9,065	6,338	1,727	1,000	0	0	250	250	250	250	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		8,065
Expenditure / Encumbrances		6,432
Unencumbered Balance		1,633

Date First Appropriation	FY 87
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	9,117

Description

This project provides for the replacement/major repair of roofs and entrance canopies on buildings at all three campuses, including the addition of roof insulation as part of the replacement work. Project costs are based on comprehensive roof surveys of all College buildings completed in 2008. An update to this survey will be conducted in 2016.

Cost Change

Increase in FY21, and FY22 for level of effort addition.

Justification

The College has implemented a roof replacement/renovation program to respond to the aging of building roofs. The program provides for the periodic evaluation of roofs on a four year cycle. The current roof replacement/major repair schedule (2009) delineates specific building projects through FY16. Roofs requiring major renovation are generally ten years or older in age. In the initial replacement cycle, approximately 33% of the construction cost is for the addition of roof insulation on each building. Added insulation results in an average five year payback due to reduced energy costs and lower replacement costs of mechanical equipment retrofits in building renovations. This project is coordinated with the College's building renovation program and with the replacement of major roof-top building equipment. Related studies include the Collegewide Roof Surveys Update (9/09), a Collegewide Facilities Condition Assessment Update (12/13) and the Collegewide Facilities Master Plan Update (1/15).

Other

By County Council Resolution #12-663, the cumulative project appropriation was reduced by \$65,000 in FY92. In addition, the State share was reduced by \$65,000 in FY92. FY87-FY91, and FY93 project funding was 100% current revenue. FY92 funding was current revenue and State aid. No appropriations were made to this project in FY94 and FY95. In FY96, funding was changed to G.O Bonds and State aid. State aid applies only to roof replacement design and construction. Roof surveys are 100% County G.O. Bond funded. FY2017 Appropriation: \$0 (G.O. Bonds). FY2018 Appropriation: \$0 (G.O. Bonds).

Disclosures

Expenditures will continue indefinitely.

Montgomery College (A15) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Energy Conservation (CIP No. P816611), Planned Lifecycle Asset Replacement: College (CIP No. P926659), FY16 -- Collegewide Roof Surveys & Major Repairs, FY17 -- Gudelsky Bldg. (RV)

Science East Building Renovation (P076623)

Category: Montgomery College
 Sub Category: Higher Education
 Administering Agency: Montgomery College (AAGE15)
 Planning Area: Rockville

Date Last Modified: 11/17/14
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Under Construction

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	3,822	3,576	246	0	0	0	0	0	0	0	0
and	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	22,175	22,047	128	0	0	0	0	0	0	0	0
Other	4,959	2,245	2,714	0	0	0	0	0	0	0	0
Total	30,956	27,868	3,088	0	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	17,603	15,722	1,881	0	0	0	0	0	0	0	0
State Aid	13,353	12,146	1,207	0	0	0	0	0	0	0	0
Total	30,956	27,868	3,088	0	0	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		30,956
Expenditure / Encumbrances		27,868
Unencumbered Balance		3,088

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 17 30,956
Last FY's Cost Estimate	32,356

Description

This project provides for the realignment/renovation of space in the Science East building (60,793 GSF) on the Rockville campus in accordance with the College's Facilities Master Plan (1/04) and the building educational space specifications. The renovated building will house general purpose classrooms, and the mathematics and education departments. The building renovation will include general building improvements, HVAC system replacement and related energy conservation measures, and building access improvements. A building survey in FY89 determined that the building structure is fireproofed with a sprayed on asbestos product and asbestos thermal insulation is used on the mechanical systems. Asbestos removal is determined to be the most appropriate response under Federal and State asbestos guidelines. The removal project will include mechanical system reinsulation and re-fireproofing in conformance with the local fire code.

Estimated Schedule

Project construction was completed in Spring 2014.

Justification

Science East was constructed in 1965 and the greenhouse addition was constructed in 1970. The building no longer adequately supports the educational programs and support functions housed in it. The College plans to coordinate the renovation of Science East with the construction of the Rockville Science Center. The Biology and Physics departments will relocate to the new Rockville Science Center when it is completed in FY11. The existing mechanical system is inadequate and will be replaced along with the existing lighting to create better illumination levels and greater energy efficiency. The funds requested will also provide for the reassignment, realignment, and renovation of space, including furniture and equipment; energy conservation; and handicapped modification measures. Relevant studies include the Collegewide Facilities Condition Assessment (12/13), a Collegewide Facilities Master Plan Update (1/15), and the Part 1 and 2 Program submitted to the State for the Renovation/Addition to the Science East & Science West Buildings (5/06).

Other

Funding sources: G.O. Bonds, and State Aid. State share of project is based on anticipated eligible costs. Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement. Building renovation planning and design began in FY09 with building asbestos removal and renovation scheduled to begin in FY12. The following fund transfer has been made from this project: \$1,400,000 to the Site Improvements project (#P076601)(BOT Resol. #15-09-77, 9/21/15).

Disclosures

A pedestrian impact analysis has been completed for this project.

Montgomery College (A15) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Rockville Science Center (CIP No. P036600), Science West Building Renovation (CIP No. P976645)

Science West Building Renovation (P076622)

Category Montgomery College
Sub Category Higher Education
Administering Agency Montgomery College (AAGE15)
Planning Area Rockville

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	3,162	3,155	7	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	26,509	23,426	1,983	1,100	1,000	100	0	0	0	0	0
Other	5,675	0	5,675	0	0	0	0	0	0	0	0
Total	35,346	26,581	7,665	1,100	1,000	100	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	18,885	13,753	4,588	544	500	44	0	0	0	0	0
State Aid	16,461	12,828	3,077	556	500	56	0	0	0	0	0
Total	35,346	26,581	7,665	1,100	1,000	100	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				628	92	97	102	107	112	118	
Maintenance				624	104	104	104	104	104	104	
Net Impact				1,252	196	201	206	211	216	222	
Full Time Equivalent (FTE)					2.0	2.0	2.0	2.0	2.0	2.0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		35,346
Expenditure / Encumbrances		26,581
Unencumbered Balance		8,765

Date First Appropriation	FY 09	
First Cost Estimate		
Current Scope	FY 15	35,346
Last FY's Cost Estimate		35,346

Description

This project (total 70,164 GSF) provides for the realignment/renovation of space in the Science West Building (41,988 GSF), and for the addition of a third floor (28,176 GSF) on the Rockville Campus in accordance with the College's Facilities Master Plan (1/04) and the building educational space specifications. The renovated building will house the Math department faculty offices and the Math Learning Center. The building renovation will include general building improvements, HVAC system replacement and related energy conservation measures, and building access improvements. The addition will add a third floor to the Science West building to provide additional classroom support to address instructional space deficits at the Rockville Campus. A building survey in FY91 determined that the building structure is fireproofed with a sprayed on asbestos product and asbestos thermal insulation is used on the mechanical systems. An asbestos removal is determined to be the most appropriate response under Federal and State asbestos guidelines. The removal project will include mechanical system reinsulation and reproofing in conformance with the local fire code.

Estimated Schedule

Project construction is scheduled to be completed in the fall of 2016.

Justification

Science West was constructed in 1971. The building no longer adequately supports the educational programs and support functions housed in it. The College will coordinate the renovation of Science West with the construction of the Rockville Science Center. The Chemistry and Biology departments will relocate to the new Rockville Science Center when it is completed in FY11. The existing mechanical system is inadequate and will be replaced along with the existing lighting to create better illumination levels and greater energy efficiency. The funds requested will also provide for the reassignment, realignment, and renovation of space, including furniture and equipment; energy conservation; and handicapped modification measures. Relevant studies include the Collegewide Facilities Condition Assessment (12/13), a Collegewide Facilities Master Plan Update (1/15), and the Part 1 and 2 Program documentation submitted to the State for the Renovation/Addition to the Science East & Science West Buildings (5/06).

Other

Funding Sources: G.O.Bonds, and State Aid. State share of project is based on anticipated eligible costs. Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement. Building renovation planning and design began in FY09 with a building asbestos removal and renovation scheduled to begin in FY14.

Disclosures

A pedestrian impact analysis has been completed for this project.

Science West Building Renovation (P076622)

Montgomery College (A15) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Rockville Science Center (CIP No. P036600), Science East Building Renovation (CIP No. P076623)

Site Improvements: College (P076601)

Category Montgomery College
 Sub Category Higher Education
 Administering Agency Montgomery College (AAGE15)
 Planning Area Countywide

Date Last Modified 5/3/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,894	1,810	244	840	140	140	140	140	140	140	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	13,970	10,806	579	2,585	480	185	480	480	480	480	0
Construction	2,570	515	1,575	480	80	80	80	80	80	80	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	19,434	13,131	2,398	3,905	700	405	700	700	700	700	0
FUNDING SCHEDULE (\$000s)											
Current Revenue: General	1,000	1,000	0	0	0	0	0	0	0	0	0
G.O. Bonds	18,434	12,131	2,398	3,905	700	405	700	700	700	700	0
Total	19,434	13,131	2,398	3,905	700	405	700	700	700	700	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	700
Appropriation Request Est.	FY 18	405
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		15,529
Expenditure / Encumbrances		13,798
Unencumbered Balance		1,731

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 17
Last FY's Cost Estimate	16,929

Description

This project funds the repair, maintenance and improvements of the College's site infrastructure. This may include, but is not limited to: roadways, parking lots, walkways, site lighting, external site signage and site communications infrastructure. The Stormwater Management project, #076602, was added to the scope of this project in FY2009. This project also provides for the rehabilitation and structural maintenance of storm water management facilities on the College's campuses. This includes, but is not limited to: dam or spillway repairs, pond dredging, storm drain system repairs/replacement, and storm water management studies to determine best practice solutions. This project also funds the repair, maintenance and improvement of the College's outdoor athletic facilities. This may include, but is not limited to: athletic field lighting, reconfiguration and upgrade; the repair/replacement of bleachers; turf renovation including regrading, sodding and irrigation/drainage management; repair/replacement of running tracks and tennis courts; and the repair/replacement of backstops, player protection fencing and benches. ** Note: In FY11, the Outdoor Athletics Facilities: College project (CIP No. 076600) was merged into this project.

Cost Change

Increase in FY21, and FY22 for level of effort addition. FY18 was reduced by \$200,000 for fiscal capacity.

Justification

In December 2004, the County Council initiated an Infrastructure Maintenance Task Force which gathered information on the maintenance needs of County agencies. The first objective was to identify the direst needs of agencies for additional funding; while the long-term goal was to initiate an ongoing, regular process to update and improve the inventory and analysis of infrastructure maintenance needs. As the College had already completed a facilities assessment (August, 2002), adequate information was available for buildings and a process was already underway to address these needs. However, less attention had been given to site issues. An outcome of this task force was to create projects to address these site needs. Related studies include the Collegewide Facilities Condition Assessment Update (12/13), the Collegewide Facilities Master Plan Update (1/15), and the County Council Report of the Infrastructure Maintenance Task Force (3/10).

Other

FY2017 Appropriation: \$700,000 (G.O. Bonds). FY2018 Appropriation: \$405,000 (G.O. Bonds). The following fund transfer has been made to this project: \$1,400,000 from the Science East Building renovation (P076623)(BOT Resol. #: 15-09-77, 9/21/15).

Disclosures

Expenditures will continue indefinitely.

Coordination

This project is coordinated with Utility Master Plans and building renovations on the Rockville, Germantown, and Takoma Park Silver Spring Campuses., Capital Renewal: College (CIP No. P096600), Elevator Modernization: College (CIP No. P056608)

Student Learning Support Systems (P076617)

Category: Montgomery College
 Sub Category: Higher Education
 Administering Agency: Montgomery College (AAGE15)
 Planning Area: Countywide

Date Last Modified: 11/17/14
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	6,769	4,037	332	2,400	400	400	400	400	400	400	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	12,051	3,263	2,788	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Total	18,820	7,300	3,120	8,400	1,400	1,400	1,400	1,400	1,400	1,400	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	18,458	6,938	3,120	8,400	1,400	1,400	1,400	1,400	1,400	1,400	0
Current Revenue: Recordation Tax	362	362	0	0	0	0	0	0	0	0	0
Total	18,820	7,300	3,120	8,400	1,400	1,400	1,400	1,400	1,400	1,400	0
Full Time Equivalent (FTE)					4.0	4.0	4.0	4.0	4.0	4.0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,400
Appropriation Request Est.	FY 18	1,400
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		10,420
Expenditure / Encumbrances		7,300
Unencumbered Balance		3,120

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 17 18,820
Last FY's Cost Estimate	16,020

Description

This project includes the installation, upgrading, and replacement of technology systems used to support teaching and learning and to assess student outcomes and the effectiveness of MC services to students. This includes technology to support student with disabilities, technology based communications and collaborations with students, to support and enhance access to course electronic materials software anytime anywhere, identification security, and cyber security tools for these systems and other applications used by and for students and faculty, including both hardware and software. The project also funds four (4) technical project and planning analyst staff positions to manage applications systems, and to be in charge of the design, setup and maintenance of technical specifications and the on-going review and update of the systems to stay current.

Cost Change

Increase due to the addition of FY21, and FY22.

Justification

It is essential that appropriate systems are in place to enhance learning as well as collaboration and communication. Increased attention on student retention and success creates a growing need to assess the effectiveness of the services and support provided to students and the impact on student success. Leveraging technology is fundamental in measuring/documenting student success. The Information Technology Strategic Plan (ITSP) is a comprehensive plan covering information technology activities funded from all budget sources for an integrated and complete plan for the College. The ITSP helps meet student requirements for information technology tools and instruction in preparation for career opportunities and transfer programs to four-year institutions. Use of state-of-the-market hardware and technology capabilities are required to attract and serve students, as well as serving the business community by upgrading work force technology skills and providing a base for continued economic development in the county. Three goals of the ITSP- are the use of information technology to (1) facilitate student success; (2) effectively and efficiently operate the College; and (3) support the College's growth, development, and community initiatives. The ITSP is an overall strategic plan that provides a cost effective and efficient vision for instructional, academic, and administrative systems. The ITSP supports the current IT program and serves as documentation for future funding requests.

Other

FY2017 Appropriation: \$1,400,000 (Current Revenue: General). FY2018 Appropriation: \$1,400,000 (Current Revenue: General). The following fund reductions/transfers have occurred with this project: By County Council Resolution No. 16-1261, the cumulative appropriation was reduced by \$1,000,000 (Current Revenue: General) as part of the FY10 savings plan; and \$300,000 was transferred from the Information Technology project (#P856509) to this project in FY11.

Disclosures

Expenditures will continue indefinitely.

Coordination

Montgomery College Information Technology Strategic Plan

Takoma Park/Silver Spring Math & Science Center (P076607)

Category: Montgomery College
 Sub Category: Higher Education
 Administering Agency: Montgomery College (AAGE15)
 Planning Area: Takoma Park

Date Last Modified: 5/19/16
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	13,026	0	0	13,026	0	1,500	4,582	4,884	2,060	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	65,130	0	0	65,130	0	0	0	8,000	25,440	31,690	0
Other	9,772	0	0	9,772	0	0	0	0	0	9,772	0
Total	87,928	0	0	87,928	0	1,500	4,582	12,884	27,500	41,462	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	43,964	0	0	43,964	0	750	2,291	6,442	13,750	20,731	0
G.O. Bonds	43,964	0	0	43,964	0	750	2,291	6,442	13,750	20,731	0
Total	87,928	0	0	87,928	0	1,500	4,582	12,884	27,500	41,462	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	13,026
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	FY 17 87,928
Last FY's Cost Estimate	88,027

Description

This project provides funding for the design and construction of a new academic building (134,600 gross square feet) supporting science programs, such as Biology, Chemistry, and the Physical Sciences, and the Mathematics Department, as described in the Takoma Park Campus Facilities Master Plan, 2006-2016 (9/10). The science and math complex will be completed in two phases, beginning with the demolition and replacement of Science South, followed by the demolition and replacement of Science North.

Cost Change

Project expenditures assume that a portion of Information Technology (IT) equipment costs may be funded through the Information Technology (No. P856509) project. The cost of this project has increased to match the State's allowable cost escalation factor (3%).

Justification

Under the application of the State space guidelines, the enrollment growth on the Takoma Park/Silver Spring Campus has resulted in a significant instructional space deficit. The Takoma Park/Silver Spring Campus has a Fall 2014 laboratory space deficit of 100,392 NASF and a total space deficit of 74,322 NASF. Even with the completion of the Takoma Park Campus Expansion Project and the Cafritz Foundation Art Center, the 2024 projected laboratory space deficit is 155,556 NASF and the total space deficit is anticipated to be 192,855 NASF. The construction of the Math & Science Center will address this deficit as well as replace Science North and Science South that are in exceedingly poor condition (as identified in the Collegewide Facilities Condition Assessment, 12/13). In addition, the replacement of Science North and Science South allows the campus to capitalize on site capacities with large buildings, given the restricted development opportunities available on the campus. Relevant studies include the Collegewide Facilities Condition Assessment Update (12/13), and the Collegewide Facilities Master Plan Update (1/15).

Other

FY17 Appropriation: 0 FY18 Appropriation: \$13,026,000; \$6,513,000 (G.O. Bonds), and \$6,513,000 (State Aid). Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement. The construction costs in the expenditure schedule (\$65,130,000) include: site improvement costs (\$4,664,000), building construction costs (\$60,466,000). The building construction cost per gross square foot equals \$449 (\$60,466,000/134,600).

Disclosures

A pedestrian impact analysis has been completed for this project.

Montgomery College (A15) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Facility Planning: College (CIP No. P886686)

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 06/16/2016 2:02 PM

	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
Montgomery College												
Higher Education												
Macklin Tower Alterations (P036603)	10,604	4,989	999	4,616	2,000	2,616	0	0	0	0	0	0
Computer Science Alterations (P046602)	1,159	926	233	0	0	0	0	0	0	0	0	-200
Bioscience Education Center (P056603)	93,140	90,621	2,319	200	100	100	0	0	0	0	0	0
Elevator Modernization: College (P056608)	4,174	3,011	363	800	400	100	100	0	0	200	0	0
Site Improvements: College (P076601)	19,434	13,131	2,398	3,905	700	405	700	700	700	700	0	700
Rockville Student Services Center (P076604)	74,986	6,035	4,338	64,613	28,768	35,845	0	0	0	0	0	53,712
Takoma Park/Silver Spring Math & Science Center (P076607)	87,928	0	0	87,928	0	1,500	4,582	12,884	27,500	41,462	0	0
Germantown Student Services Center (P076612)	90,642	0	0	6,000	0	0	0	0	0	6,000	84,642	0
Student Learning Support Systems (P076617)	18,820	7,300	3,120	8,400	1,400	1,400	1,400	1,400	1,400	1,400	0	1,400
Network Operating Center/Datacenter (P076618)	34,554	17,857	4,697	12,000	2,000	2,000	2,000	2,000	2,000	2,000	0	2,000
Network Infrastructure and Support Systems (P076619)	24,117	11,635	1,682	10,800	1,800	1,800	1,800	1,800	1,800	1,800	0	350
Science West Building Renovation (P076622)	35,346	26,581	7,665	1,100	1,000	100	0	0	0	0	0	0
Science East Building Renovation (P076623)	30,956	27,868	3,088	0	0	0	0	0	0	0	0	0
Capital Renewal: College (P096600)	22,888	11,036	1,852	10,000	1,000	1,000	2,000	2,000	2,000	2,000	0	1,000
Instructional Furniture and Equipment: College (P096601)	3,720	1,830	270	1,620	270	270	270	270	270	270	0	270
Germantown Observation Drive Reconstruction (P096604)	1,000	0	0	1,000	350	500	150	0	0	0	0	0
Germantown Science & Applied Studies Phase 1-Renov (P136600)	40,541	2,827	6,702	31,012	15,000	16,012	0	0	0	0	0	0
Rockville Parking Garage (P136601)	29,700	25,576	3,924	200	100	100	0	0	0	0	0	0
Energy Conservation: College (P816611)	5,468	4,593	125	750	125	125	125	125	125	125	0	125
Information Technology: College (P856509)	161,947	105,732	5,215	51,000	8,500	8,500	8,500	8,500	8,500	8,500	0	3,450
Roof Replacement: College (P876664)	9,065	6,338	1,727	1,000	0	0	250	250	250	250	0	0
Facility Planning: College (P886686)	6,857	4,861	376	1,620	270	270	270	270	270	270	0	270
Planning, Design & Construction (P906605)	34,418	22,025	2,889	9,504	1,584	1,584	1,584	1,584	1,584	1,584	0	1,584
Planned Lifecycle Asset Replacement: College (P926659)	66,172	39,761	4,611	21,800	2,700	3,100	4,000	4,000	4,000	4,000	0	2,700
ADA Compliance: College (P936660)	1,603	1,233	70	300	50	50	50	50	50	50	0	50
Collegewide Physical Education Renovations (P661602)	4,200	0	1,100	3,100	1,000	2,000	100	0	0	0	0	0
College Affordability Reconciliation (P661401)	0	0	0	0	0	0	0	0	0	0	0	0
Higher Education	913,439	435,766	59,763	333,268	69,117	79,377	27,881	35,833	50,449	70,611	84,642	67,411
Montgomery College	913,439	435,766	59,763	333,268	69,117	79,377	27,881	35,833	50,449	70,611	84,642	67,411

*

* = Closeout or Pending Closeout

CIP230 - CC Approved

MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION

ADA Compliance: Local Parks (P128701)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	757	0	87	670	140	130	100	100	100	100	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4,310	0	480	3,830	710	720	600	600	600	600	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	5,067	0	567	4,500	850	850	700	700	700	700	0

FUNDING SCHEDULE (\$000s)

Park and Planning Bonds	5,067	0	567	4,500	850	850	700	700	700	700	0
Total	5,067	0	567	4,500	850	850	700	700	700	700	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	850
Appropriation Request Est.	FY 18	850
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		567
Expenditure / Encumbrances		25
Unencumbered Balance		542

Date First Appropriation	FY 12
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	5,067
	3,845

Description

This program provides for an on-going comprehensive effort to ensure that all parks and park facilities are built and maintained in compliance with Title II of the Americans with Disabilities Act (ADA) and the ADA Accessibility Guidelines (ADAAG) standards. This program includes both the correction of deficiencies identified by the United States Department of Justice (DOJ) during its proactive Project Civic Access (PCA) assessment of 19 local park facilities, as well as efforts to comply with the revisions to Title II of the ADA, which went into effect on March 15, 2011. This program also includes policy development and advanced technical training for Department of Parks' architects, landscape architects, engineers, construction managers, inspectors, and other staff to ensure that ADA compliance and accessibility are incorporated throughout the park system's planning, design and construction processes in order to ensure that parks and park facilities comply with the new revisions to Title II of the ADA. The new Title II requirements include revisions to the existing 1991 ADAAG and additional standards for facilities not addressed in the 1991 ADAAG including swimming pools, recreational facilities, and playgrounds which collectively is now known as the 2010 ADA Standards for Accessible Design.

Cost Change

FY17 AND FY18 INCREASE TO ADDRESS BARRIERS IDENTIFIED ON THE ADA TRANSITION PLAN AND TO ACCOMMODATE ADA RETROFITS TRIGGERED BY WORK DONE IN OTHER LEVEL-OF-EFFORT PDFs. OVERALL COST INCREASE DUE TO IMPLEMENTATION OF ALTERNATIVE PROJECT DELIVERY MODEL AIMED AT SHORTENING PROJECT DEVELOPMENT PROCESS AND ALLOWING STAFF TO BE MORE RESPONSIVE TO CHANGES IN USER NEEDS AND FUNDING AVAILABILITY. THIS NEW METHOD USES VARIOUS LEVEL-OF-EFFORT PDFs TO FUND SMALLER OR PHASED PROJECTS IN LIEU OF CREATING A STAND-ALONE PDF FOR A COMPLETE PARK RENOVATION THAT MAY TAKE YEARS TO COMPLETE.

Justification

Montgomery County was selected by the DOJ for a Project Civic Access (PCA) review in 2006. PCA is a proactive, ongoing initiative of the Disability Rights Section (DRS) of the DOJ Civil Rights Division to ensure ADA compliance in local and state governments throughout the country. DOJ has inspected over 112 County facilities, including 19 local parks that fall under the M-NCPPC's jurisdiction. Montgomery County and M-NCPPC entered into a settlement agreement with DOJ on August 16, 2011, that requires the County and M-NCPPC to remediate problems identified by DOJ within a negotiated timeline and place assurances for self-assessing and remediation for the future, including efforts to comply with the new Title II requirements. The agreement further stipulates that M-NCPPC must perform self-evaluations of all parks within its system at the approximate rate of 20% per year. Upon completion of the self-evaluations, M-NCPPC must also submit a final transition plan by August 2016. The transition plan provides a summary of all barriers found, a strategy and timeline for their removal, as well as planning level cost estimates for barrier removal. As of August 2013, self-evaluations have been completed on approximately 45% of the park system. These evaluations report that approximately 14,000 barriers have been identified with a projected planning level cost estimate of \$18-20 million dollars for barrier removal. It is estimated that the final totals will be approximately double the figures mentioned. The estimates indicate that a significant increase in the level-of-effort will be required to comply with the requirements of Title II and the settlement agreement.

Disclosures

Expenditures will continue indefinitely.

Coordination

ADA Compliance: Local Parks (P128701)

United States Department of Justice, County Attorney's Office, Department of General Services, ADA Compliance: Non-Local Parks, PDF 128702

ADA Compliance: Non-Local Parks (P128702)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	-----------	----------	---------------	-------	-------	-------	-------	-------	-------	--------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,088	0	188	900	150	150	150	150	150	150	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	5,019	0	869	4,150	650	700	700	700	700	700	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	6,107	0	1,057	5,050	800	850	850	850	850	850	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	461	0	161	300	50	50	50	50	50	50	0
G.O. Bonds	5,646	0	896	4,750	750	800	800	800	800	800	0
Total	6,107	0	1,057	5,050	800	850	850	850	850	850	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	800
Appropriation Request Est.	FY 18	850
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,057
Expenditure / Encumbrances		304
Unencumbered Balance		753

Date First Appropriation	FY 12
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	5,106

Description

This program provides for an on-going comprehensive effort to ensure that all parks and park facilities are built and maintained in compliance with Title II of the Americans with Disabilities Act (ADA) and the ADA Accessibility Guidelines (ADAAG) standards. This program includes both the correction of deficiencies identified by the United States Department of Justice (DOJ) during its proactive Project Civic Access (PCA) assessment of 19 local park facilities, as well as efforts to comply with the revisions to Title II of the ADA, which went into effect on March 15, 2011. This program also includes policy development and advanced technical training for Department of Parks' architects, landscape architects, engineers, construction managers, inspectors, and other staff to ensure that ADA compliance and accessibility are incorporated throughout the park system's planning, design and construction processes in order to ensure that parks and park facilities comply with the new revisions to Title II of the ADA. The new Title II requirements include revisions to the existing 1991 ADAAG and additional standards for facilities not addressed in the 1991 ADAAG including swimming pools, recreational facilities, and playgrounds which collectively is now known as the 2010 ADA Standards for Accessible Design.

Cost Change

FY17 and FY18 increase to address barriers identified on the ADA Transition Plan and to accommodate ADA retrofits triggered by work done in other Level-Of-Effort PDFs. Overall cost increase due to implementation of alternative project delivery model aimed at shortening project development process and allowing staff to be more responsive to changes in user needs and funding availability. This new method uses various level-of-effort pdfs to fund smaller or phased projects in lieu of creating a standalone PDF for a complete park renovation that may take years to complete.

Justification

Montgomery County was selected by the DOJ for a Project Civic Access (PCA) review in 2006. PCA is a proactive, ongoing initiative of the Disability Rights Section (DRS) of the DOJ Civil Rights Division to ensure ADA compliance in local and state governments throughout the country. DOJ has inspected over 112 County facilities, including 19 local parks that fall under the M-NCPPC's jurisdiction. Montgomery County and M-NCPPC entered into a settlement agreement with DOJ on August 16, 2011, that requires the County and M-NCPPC to remediate problems identified by DOJ within a negotiated timeline and place assurances for self-assessing and remediation for the future, including efforts to comply with the new Title II requirements. The agreement further stipulates that M-NCPPC must perform self-evaluations of all parks within its system at the approximate rate of 20% per year. Upon completion of the self-evaluations, M-NCPPC must also submit a final transition plan by August 2016. The transition plan provides a summary of all barriers found, a strategy and timeline for their removal, as well as planning level cost estimates for barrier removal. As of August 2013, self-evaluations have been completed on approximately 45% of the park system. These evaluations report that approximately 14,000 barriers have been identified with a projected planning level cost estimate of \$18-20 million dollars for barrier removal. It is estimated that the final totals will be approximately double the figures mentioned. The estimates indicate that a significant increase in the level-of-effort will be required to comply with the requirements of Title II and the settlement agreement.

Other

\$50,000 Current Revenue is budgeted for required ADA retrofits to leased properties that cannot be funded with general obligation bonds

Fiscal Note

ADA Compliance: Non-Local Parks (P128702)

Prior year partial capitalization of expenditures through FY15 totalled \$2,962,000.

Disclosures

Expenditures will continue indefinitely.

Coordination

United States Department of Justice, County Attorney's Office, Department of General Services, ADA Compliance: Local Parks, PDF 128701

ALARF: M-NCPPC (P727007)

Category M-NCPPC
Sub Category Acquisition
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 5/20/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0	0
Land	23,798	0	17,798	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	23,798	0	17,798	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0

FUNDING SCHEDULE (\$000s)											
Revolving (P&P only)	23,798	0	17,798	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Total	23,798	0	17,798	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		17,798
Expenditure / Encumbrances		0
Unencumbered Balance		17,798

Date First Appropriation	FY 72
First Cost Estimate	
Current Scope	FY 16 23,798
Last FY's Cost Estimate	24,185

Description

The Advance Land Acquisition Revolving Fund (ALARF) was established in the Commission's FY72-FY77 Capital Improvements Program pursuant to Land Use Article Section 18-401 of the Annotated Code of the State of Maryland to enable the Commission to acquire rights-of-way and other property needed for future public projects. Before acquisition of a specific parcel, the Montgomery County Planning Board will submit an authorization request to the Montgomery County Council for approval by formal resolution. The corpus of the revolving fund includes the original \$7 million bond issue in FY71, an additional \$5 million bond issue in FY90, an additional \$2.2 million bond issue in FY95, an additional \$2 million bond issue in FY05, plus reimbursements in excess of costs, accumulated interest, and any surplus of Advance Land Acquisition (ALA) tax revenue over debt service. The remaining costs of lands still being held for transfer as of June 30, 2013 are \$6,798,361. M-NCPPC must seek County Council approval to change the use of ALARF-acquired property. It is the intent of the County Council that land acquisition costs for ALARF-acquired properties will ultimately be appropriated in a specific project PDF or acquisition PDF so that ALARF can be reimbursed and continue to revolve. In the event that the County Council does not require that ALARF be reimbursed, the cost of the land acquisition related to the development project shall be disclosed in the PDF text.

Justification

Some of the acquisitions in this project may help meet 2012 Park, Recreation and Open Space (PROS) Plan objectives. This project enables the Commission to acquire private property in lieu of allowing development that would adversely affect a planned public use of the property. All properties acquired with ALARF must first be shown on adopted area master plans as needed for future public use. Properties included for acquisition in a current capital budget of any public agency are not eligible for acquisition under this project.

Other

The partial closeout applies to acquisitions for which reimbursements are not expected, selected pre-acquisition costs, bond interest, other fees, and reimbursements for properties that have been transferred

Fiscal Note

AS OF JUNE 30, 2015, THE BALANCE IN THE ALARF ACCOUNT IS \$8,183,894.

Disclosures

Land acquisition will be funded initially through ALARF, and then reimbursed by a future appropriation from this project. The total cost of this project will increase when land expenditures are programmed.

Expenditures will continue indefinitely.

Acquisition: Local Parks (P767828)

Category M-NCPPC
 Sub Category Acquisition
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	81	0	21	60	10	10	10	10	10	0
Land	8,098	0	2,098	6,000	1,000	1,000	1,000	1,000	1,000	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	203	0	53	150	25	25	25	25	25	0
Total	8,382	0	2,172	6,210	1,035	1,035	1,035	1,035	1,035	0

FUNDING SCHEDULE (\$000s)

Land Sale (P&P Only)	513	0	513	0	0	0	0	0	0	0
Park and Planning Bonds	269	0	59	210	35	35	35	35	35	0
Program Open Space	7,600	0	1,600	6,000	1,000	1,000	1,000	1,000	1,000	0
Total	8,382	0	2,172	6,210	1,035	1,035	1,035	1,035	1,035	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,035
Appropriation Request Est.	FY 18	1,035
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,172
Expenditure / Encumbrances		434
Unencumbered Balance		1,738

Date First Appropriation	
First Cost Estimate	
Current Scope	FY 16 8,382
Last FY's Cost Estimate	5,723

Description

This project identifies capital expenditures and appropriations for parkland acquisitions THAT SERVE COUNTY RESIDENTS ON A NEIGHBORHOOD OR COMMUNITY BASIS. THE PARKS FUNDED UNDER THIS PROJECT INCLUDE local, urban, neighborhood, and neighborhood conservation area parks. THIS PROJECT ALSO INCLUDES FUNDS FOR LAND SURVEYS, APPRAISALS, SETTLEMENT EXPENSES AND OTHER RELATED ACQUISITION COSTS. Acquisitions can include new parkland or additions to existing parks, and are pursued when they become available, if sufficient funds exist. To the extent possible, the Commission acquires parkland through dedication at the time of subdivision; however, to meet all parkland needs, this method must be supplemented by a direct land purchase program.

Cost Change

Increases OR DECREASES IN COST ARE due to anticipated increases OR DECREASES IN AVAILABLE Program Open Space funding.

Justification

2012 Park, Recreation and Open Space (PROS) Plan, approved by the Montgomery County Planning Board, and other adopted area master plans guide the local parkland acquisition program. This PDF provides latitude to acquire properties consistent with master plans and Commission policies.

Other

Acquisitions will be pursued to the extent possible with available reserves and in anticipation of economic improvement. \$25,000 is budgeted annually to cover one-time costs to secure properties, e.g. removing attractive nuisances, posting properties, cleaning up sites, etc.

Fiscal Note

THIS PROJECT IS FUNDED PRIMARILY BY STATE DNR PROGRAM OPEN SPACE (POS) GRANTS. \$50,000 is budgeted annually to cover one-time costs to secure properties, e.g. removing attractive nuisances, posting properties, site clean-up, etc. FY12 Supplemental Appropriation added \$1,059,000 from land sale proceeds. FY13 Supplemental Appropriation added \$600,000 in Program Open Space grant funding.

Disclosures

Expenditures will continue indefinitely.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Acquisition: Non-Local PDF 998798, Legacy 2000 PDF 018710, ALARF: M-NCPPC PDF 727007

ADA Compliance: Local Parks (P128701)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	757	0	87	670	140	130	100	100	100	100	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4,310	0	480	3,830	710	720	600	600	600	600	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	5,067	0	567	4,500	850	850	700	700	700	700	0

FUNDING SCHEDULE (\$000s)

Park and Planning Bonds	5,067	0	567	4,500	850	850	700	700	700	700	0
Total	5,067	0	567	4,500	850	850	700	700	700	700	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	850
Appropriation Request Est.	FY 18	850
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		567
Expenditure / Encumbrances		25
Unencumbered Balance		542

Date First Appropriation	FY 12
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	3,845

Description

This program provides for an on-going comprehensive effort to ensure that all parks and park facilities are built and maintained in compliance with Title II of the Americans with Disabilities Act (ADA) and the ADA Accessibility Guidelines (ADAAG) standards. This program includes both the correction of deficiencies identified by the United States Department of Justice (DOJ) during its proactive Project Civic Access (PCA) assessment of 19 local park facilities, as well as efforts to comply with the revisions to Title II of the ADA, which went into effect on March 15, 2011. This program also includes policy development and advanced technical training for Department of Parks' architects, landscape architects, engineers, construction managers, inspectors, and other staff to ensure that ADA compliance and accessibility are incorporated throughout the park system's planning, design and construction processes in order to ensure that parks and park facilities comply with the new revisions to Title II of the ADA. The new Title II requirements include revisions to the existing 1991 ADAAG and additional standards for facilities not addressed in the 1991 ADAAG including swimming pools, recreational facilities, and playgrounds which collectively is now known as the 2010 ADA Standards for Accessible Design.

Cost Change

FY17 AND FY18 INCREASE TO ADDRESS BARRIERS IDENTIFIED ON THE ADA TRANSITION PLAN AND TO ACCOMMODATE ADA RETROFITS TRIGGERED BY WORK DONE IN OTHER LEVEL-OF-EFFORT PDFs. OVERALL COST INCREASE DUE TO IMPLEMENTATION OF ALTERNATIVE PROJECT DELIVERY MODEL AIMED AT SHORTENING PROJECT DEVELOPMENT PROCESS AND ALLOWING STAFF TO BE MORE RESPONSIVE TO CHANGES IN USER NEEDS AND FUNDING AVAILABILITY. THIS NEW METHOD USES VARIOUS LEVEL-OF-EFFORT PDFs TO FUND SMALLER OR PHASED PROJECTS IN LIEU OF CREATING A STAND-ALONE PDF FOR A COMPLETE PARK RENOVATION THAT MAY TAKE YEARS TO COMPLETE.

Justification

Montgomery County was selected by the DOJ for a Project Civic Access (PCA) review in 2006. PCA is a proactive, ongoing initiative of the Disability Rights Section (DRS) of the DOJ Civil Rights Division to ensure ADA compliance in local and state governments throughout the country. DOJ has inspected over 112 County facilities, including 19 local parks that fall under the M-NCPPC's jurisdiction. Montgomery County and M-NCPPC entered into a settlement agreement with DOJ on August 16, 2011, that requires the County and M-NCPPC to remediate problems identified by DOJ within a negotiated timeline and place assurances for self-assessing and remediation for the future, including efforts to comply with the new Title II requirements. The agreement further stipulates that M-NCPPC must perform self-evaluations of all parks within its system at the approximate rate of 20% per year. Upon completion of the self-evaluations, M-NCPPC must also submit a final transition plan by August 2016. The transition plan provides a summary of all barriers found, a strategy and timeline for their removal, as well as planning level cost estimates for barrier removal. As of August 2013, self-evaluations have been completed on approximately 45% of the park system. These evaluations report that approximately 14,000 barriers have been identified with a projected planning level cost estimate of \$18-20 million dollars for barrier removal. It is estimated that the final totals will be approximately double the figures mentioned. The estimates indicate that a significant increase in the level-of-effort will be required to comply with the requirements of Title II and the settlement agreement.

Disclosures

Expenditures will continue indefinitely.

Coordination

ADA Compliance: Local Parks (P128701)

United States Department of Justice, County Attorney's Office, Department of General Services, ADA Compliance: Non-Local Parks, PDF 128702

Ballfield Improvements (P008720)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Countywide

Date Last Modified 5/19/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	682	0	112	570	100	100	80	90	100	100	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	7,291	0	961	6,330	1,300	1,050	820	860	1,150	1,150	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	7,973	0	1,073	6,900	1,400	1,150	900	950	1,250	1,250	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	7,223	0	1,073	6,150	900	900	900	950	1,250	1,250	0
Intergovernmental	750	0	0	750	500	250	0	0	0	0	0
Total	7,973	0	1,073	6,900	1,400	1,150	900	950	1,250	1,250	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,400
Appropriation Request Est.	FY 18	1,150
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,073
Expenditure / Encumbrances		250
Unencumbered Balance		823

Date First Appropriation	FY 99	
First Cost Estimate		
Current Scope	FY 17	7,973
Last FY's Cost Estimate		5,325

Description

This project addresses countywide ballfield needs by funding ballfield improvements on parkland, school sites, and other public sites. Improvements may include, but are not limited to, ballfield lighting, irrigation, drainage improvements, reconfigurations, and upgrades. Generally, ballfields to be constructed as part of new park construction or reconstruction will be shown in the individual new park construction or reconstruction pdfs. Projects proposed for the six-year period include: fencing and backstop replacements, turf and infield renovations, bleacher replacements at selected recreational parks, new or upgraded irrigation systems, drainage improvements, and cricket field design.

Cost Change

Added \$750k of Community Use of Public Facilities (CUPF) funding in FY17 and FY18 to renovate 15 school fields as per ongoing assessment. Increase due to the addition of FY21 and FY22 to this ongoing project, increase in construction and regulatory costs, and to address aging infrastructure in parks system. Overall cost increase due to implementation of alternative project delivery model aimed at shortening project development process and allowing staff to be more responsive to changes in user needs and funding availability. This new method uses various level-of-effort pdfs to fund smaller or phased projects in lieu of creating a standalone PDF for a complete park renovation that may take years to complete.

Justification

2012 Parks, Recreation and Open Space (PROS) Plan. Montgomery County users of parks and recreation facilities identified a serious shortage of ballfields throughout the County. The Ballfield Work Group Reports, Phases 1 and 2, 1999.

Other

In January 1999, the Planning Board established a Work Group comprised of major sport user groups, public agencies and the Countywide Recreation Advisory Board to address the acute shortages of ballfields in the County.

Fiscal Note

Prior year partial capitalization of expenditures through FY15 totalled \$15,642,000. CUPF funding to renovate 10 school fields in FY17 and 5 school fields in FY18 as per ongoing assessment. FY14 transferred in \$40K GO bonds from Pollution Prevention #078701. Due to fiscal capacity \$250,000 GO Bonds shifted from this project in FY15 and FY16 to fund Urban Park Elements project #871540

Disclosures

Expenditures will continue indefinitely.

Battery Lane Urban Park (P118701)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Bethesda-Chevy Chase

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	111	0	0	111	60	15	36	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	349	0	0	349	0	115	234	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	460	0	0	460	60	130	270	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Park and Planning Bonds	460	0	0	460	60	130	270	0	0	0	0
Total	460	0	0	460	60	130	270	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	60
Appropriation Request Est.	FY 18	400
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	2,499

Description

Battery Lane Urban Park, 4960 Battery Lane, Bethesda, is a 1.9-acre existing park located at the edge of the Bethesda Central Business District. The approved facility plan includes the renovation of the following amenities in the park: tennis court, enlarged playground, walking path, basketball court, improved entryway, lighting, seating, drinking fountain, landscaping, and bike racks. The plan provides for better maintenance access.

Location

This project is approved for \$860,000 in state grants for the design and construction of a shared-use path along Needwood Road from the ICC to west of Lake Needwood. An FY14 supplemental appropriation request was approved for this project for the amount of \$1,930,000 (including \$860,000 in state aid and \$1,070,000 in matching County bonds). Funds for this project were originally programmed through Bikeway Program-Minor Projects (CIP #507596).

Estimated Schedule

Design FY17, construction beginning FY18.

Cost Change

Due to fiscal constraints and changes in recommendations for this park from the staff draft of the Bethesda Downtown Plan, the funding for the project has been reduced to only renovate the playground, which is well beyond its lifecycle for replacement. Redevelopment of the entire park is on hold. Cost change also due to inflation adjustment.

Justification

The Woodmont Triangle Amendment to the Sector Plan for the Bethesda CBD (2006) lists Battery Lane Urban Park as a priority public amenity and facility. It recommends the completion of a facility plan for the park by a private developer in exchange for additional density under the optional development method of development. The park is one of the two major green spaces within the Woodmont Triangle area. The Facility Plan was approved by the Planning Board on July 30, 2009.

Other

Parks staff will continue to coordinate with Planning staff in the implementation of an amenity fund recommended by the sector plan to receive financial contributions from future development projects within the sector plan area. These contributions may be used to off-set the Park and Planning Bonds in this project or for additional improvements to the park.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Developer, Montgomery County Planning Department

Brookside Gardens Master Plan Implementation (P078702)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Kemp Mill-Four Corners

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Under Construction

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,420	931	1,173	316	262	54	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	7,791	2,997	3,356	1,438	1,192	246	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	10,211	3,928	4,529	1,754	1,454	300	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Contributions	1,350	1	849	500	500	0	0	0	0	0	0
Current Revenue: General	283	132	151	0	0	0	0	0	0	0	0
G.O. Bonds	7,378	3,795	2,329	1,254	954	300	0	0	0	0	0
Program Open Space	1,200	0	1,200	0	0	0	0	0	0	0	0
Total	10,211	3,928	4,529	1,754	1,454	300	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				20	5	5	5	5	0	0	
Program-Staff				6	1	1	2	2	0	0	
Net Impact				26	6	6	7	7	0	0	
Full Time Equivalent (FTE)					0.0	0.0	0.0	0.0	0.0	0.0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	650
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		9,561
Expenditure / Encumbrances		9,053
Unencumbered Balance		508

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 16 10,211
Last FY's Cost Estimate	9,110

Description

This project implements Phases I, II and V of the Brookside Gardens Master Plan, at 1800 Glenallan Avenue, Wheaton. The phased implementation in the CIP is as follows: Phase I: facility planning, design and construction of the Visitors Center entrance. Phase II: facility planning, design and construction of the expanded parking lot and stormwater management. Phase V: design and construction of a new greenhouse and plant propagation facility to consolidate growing areas and provide operational efficiencies and budget savings. Phase III deals with stream stabilization along the perimeter of Brookside Gardens and Phase IV includes improvements in Gude Gardens. Both phases are being coordinated through this PDF and other related funding sources.

Estimated Schedule

Design for Phases I and II were combined and commenced in FY12, with construction completion expected in FY15. Phase V design and construction scheduled in FY15-16.

Cost Change

Additional increases are included to address unanticipated construction conditions for work in phases I, II, and V.

Justification

Visitor Survey (1995). Brookside Gardens Master Plan (2004), including data from several focus groups held during the planning process and public testimony at planning board hearings. Renovations address critical maintenance needs for the 44 year old facility that has become one M NCPPC's most popular facilities. 1995 Visitor Survey. Brookside Gardens Master Plan approved by Montgomery County Planning Board, March 3, 2005. The Montgomery County Planning Board approved the following facility Plans: Phase I (entrance), July 17, 2008; Phase II (parking expansion and drop-off), February 25, 2010; and Phase V (greenhouse), June 13, 2013.

Fiscal Note

Brookside Gardens Master Plan Implementation (P078702)

A private donation of \$1 million has been offered to Brookside Gardens and the Montgomery Parks Foundation for construction of a new plant production greenhouse, provided the Parks department can acquire the remaining funding for the greenhouse and supporting infrastructure. \$1.2 million in Program Open Space funds will be allocated for construction of the new greenhouse. FY14 transfer in of \$460,000 GO bonds from Black Hill Trail #058701, Montrose Trail #038707, and Rock Creek Sewer #098701. FY15 transfer in of \$451,000 of Current Revenue and GO bonds from Small Grants Donor Assisted CIP and Trails Hard Surface Design and Construction. Additional private donations of \$374,000 were raised for public artwork, a gatehouse, site furnishings and other improvements that were not funded by the CIP project for phases I and II.

Disclosures

A pedestrian impact analysis has been completed for this project.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Friends of Brookside Gardens, Montgomery County Department of Environmental Protection, Public Arts Trust, Small Grants/Donor Assisted Capital Improvements, PDF 058755, Montgomery County Department of Transportation

Caroline Freeland Local Park (P871743)

Category
Sub Category
Administering Agency
Planning Area

Date Last Modified 11/17/14
Required Adequate Public Facility
Relocation Impact
Status

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	443	0	0	443	0	0	160	136	91	56	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,365	0	0	3,365	0	0	0	264	1,909	1,192	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,808	0	0	3,808	0	0	160	400	2,000	1,248	0

FUNDING SCHEDULE (\$000s)

Park and Planning Bonds	1,808	0	0	1,808	0	0	160	400	0	1,248	0
Program Open Space	2,000	0	0	2,000	0	0	0	0	2,000	0	0
Total	3,808	0	0	3,808	0	0	160	400	2,000	1,248	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	3,808
Last FY's Cost Estimate	0

Description

This project renovates an existing one-acre urban park in Bethesda, situated adjacent to the Bethesda Library between the Edgemoor residential neighborhood and the downtown Bethesda Central Business District. The facility plan removes outdated and deteriorating facilities and renovates the park to Provide a cohesive and flexible plan with improved open space, pedestrian connectivity and visibility. The Plan includes the following elements: gateway entrance and meeting area, accessible park entrances From all directions, enhanced streetscape on Arlington Road, Hampden Lane plaza and promenade, open Lawn area, shaded terrace and seating area, multi-age playground, improved site furnishings, lighting, Public art, protection and enhancement of existing mature trees, vegetated buffer at residential edge Of park, and low maintenance bioretention and landscaped areas.

Estimated Schedule

Design FY19, construction FY21-22.

Justification

The park facility plan was approved by the Montgomery County Planning Board on July 16, 2015. The Bethesda downtown plan staff draft and the Bethesda Central Business District (CBD) sector plan, Approved and adopted July 1994, provide recommendations for streetscape design, bike lanes, parkland Acquisition and the buffer function of parks adjacent to residential areas. Vision 2030 strategic plan For parks and recreation, Montgomery county, Maryland (2011), shows this area of the county to have The lowest level of service for parks and recreation compared to population density. Additional Applicable recommendations are included in the countywide bikeways functional master plan (2005) and The 2012 park recreation and open space (pros) plan.

Other

A pedestrian impact analysis has been completed for this project.

Cost Sharing: Local Parks (P977748)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	220	0	40	180	30	30	30	30	30	30	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	331	0	61	270	45	45	45	45	45	45	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	551	0	101	450	75	75	75	75	75	75	0

FUNDING SCHEDULE (\$000s)											
Park and Planning Bonds	551	0	101	450	75	75	75	75	75	75	0
Total	551	0	101	450	75	75	75	75	75	75	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	75
Appropriation Request Est.	FY 18	75
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		101
Expenditure / Encumbrances		0
Unencumbered Balance		101

Date First Appropriation	FY 97	
First Cost Estimate		
Current Scope	FY 16	551
Last FY's Cost Estimate		543

Description

This project provides funding to accomplish local park development projects with either private sector or other public agencies. Often it allows the Commission to participate more efficiently and with cost savings in sequence with private developers. Cost savings occur because the developers and their subcontractors are already mobilized on the adjacent developments, provide lower prices to M-NCPPC because of volume and quantity discounts, already have the necessary permits, and have lower procurement and construction management costs.

Justification

2012 Parks, Recreation and Open Space (PROS) Plan identified needed recreational facilities, e.g. ballfields, tennis and multi-use courts, playgrounds and infrastructure. Also, area master plans; Planning Board approved subdivisions and site plans.

Other

In recent years, the Commission has entered into or considered many public-private partnerships. These partnerships contribute to the excellence and diversity of park facilities serving our constituents, but public-private partnerships require related investments by the Commission that are not readily discernible. Legal, procurement, and general administrative costs are appropriately absorbed by the operating budget, but architectural, landscape architectural, engineering, survey, acquisition, construction management, and similar costs associated with the Commission's participation in these public-private partnerships should be programmed in the CIP. Whenever possible, these costs should be programmed in stand-alone PDFs, if such PDFs exist for the project supported by the public-private partnership. In other instances, the above-described costs may be charged to this PDF.

Disclosures

Expenditures will continue indefinitely.

Cost Sharing: Non-Local Parks (P761682)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	178	0	28	150	25	25	25	25	25	25	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	178	0	28	150	25	25	25	25	25	25	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	356	0	56	300	50	50	50	50	50	50	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	10	0	10	0	0	0	0	0	0	0	0
G.O. Bonds	346	0	46	300	50	50	50	50	50	50	0
Total	356	0	56	300	50	50	50	50	50	50	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	50
Appropriation Request Est.	FY 18	50
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		56
Expenditure / Encumbrances		12
Unencumbered Balance		44

Date First Appropriation	FY 76	
First Cost Estimate		
Current Scope	FY 16	356
Last FY's Cost Estimate		348

Description

This PDF funds development of non-local park projects in conjunction with public agencies or the private sector. It allows M-NCPPC to participate more efficiently in sequence with private developments. Non-local parks are stream valley, conservation, regional, recreational, and special parks. The PDF may fund improvements on park property, school sites, other public sites or private properties. This project supports design, plan review, permitting, construction, construction management, and related activities associated with capital investments that may result from Planning Board approved public-private partnerships.

Cost Change

COST CHANGE DUE TO INFLATION AND ADDITION OF FY15 STATE BOND BILL.

Justification

2012 Parks, Recreation and Open Space (PROS) Plan. This project provides recreational facilities and infrastructure, e.g. trails, trail underpasses, parking, etc. that are needed. Area master plans; Planning Board approved subdivision and site plans.

Other

In recent years, the Commission has entered into or considered many public-private partnerships. These partnerships contribute to the excellence and diversity of park facilities serving our constituents, but public-private partnerships require related investments by the Commission that are not readily discernible. Legal, procurement, and general administrative costs are appropriately absorbed by the operating budget, but architectural, landscape architectural, engineering, survey, acquisition, construction management, and similar costs associated with the Commission's participation in these public-private partnerships should be programmed in the CIP. Whenever possible, these costs should be programmed in stand-alone PDFs, if such PDFs exist for the project supported by the public-private partnership. In other instances, the above-described costs may be charged to this PDF.

Fiscal Note

MNCPPC RECEIVED A STATE BOND BILL GRANT OF \$100,000 IN 2015. FY14 transferred in \$49,000 of Current Revenue General from PLARNL #968755.

Disclosures

Expenditures will continue indefinitely.

Elm Street Urban Park (P138701)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Bethesda-Chevy Chase

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	115	0	100	15	10	5	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	556	0	65	491	178	313	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	671	0	165	506	188	318	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Park and Planning Bonds	671	0	165	506	188	318	0	0	0	0	0
Total	671	0	165	506	188	318	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	9
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		662
Expenditure / Encumbrances		0
Unencumbered Balance		662

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 16 671
Last FY's Cost Estimate	662

Description

This project was intended to be a cost-sharing project with a developer as part of a site plan requirement to renovate the northern portion of the existing two-acre Elm Street Urban Park, located at 4600 Elm Street in downtown Bethesda, just outside of the Bethesda Central Business District. Work was divided into two equal phases for implementation; however the developer has since sold the property. Park staff will utilize the available public funding for this project to complete design and fund a first phase, which would include the playground and other amenities as funding permits. The full scope of the project includes demolition of the existing facilities, tree protection, stormwater management, sediment and erosion control, grading, an eight to ten foot asphalt bike path, specially paved walkways including the east-west promenade, ornamental fencing, lighting, signage, and site furnishings. A new playground with poured-in-place resilient surfacing, seating areas, special paving, fencing, public art, and landscape planting will be included. The plan will address re-alignment alternatives of the Capital Crescent Trail, which may directly impact the park. This will require additional coordination with the Maryland Transit Authority.

Estimated Schedule

Design in FY16 with construction in FY17

Cost Change

Inflation adjustment

Justification

A second future phase of work will be required to complete the project. This may be funded by a developer or by the Commission.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Maryland Transit Administration, Town of Chevy Chase, Arts and Humanities Council of Montgomery County, Department of Permitting Services, Developer

Energy Conservation - Local Parks (P998710)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	113	0	53	60	10	10	10	10	10	10	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	308	0	146	162	27	27	27	27	27	27	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	421	0	199	222	37	37	37	37	37	37	0

FUNDING SCHEDULE (\$000s)											
Park and Planning Bonds	421	0	199	222	37	37	37	37	37	37	0
Total	421	0	199	222	37	37	37	37	37	37	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	37
Appropriation Request Est.	FY 18	37
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		199
Expenditure / Encumbrances		13
Unencumbered Balance		186

Date First Appropriation	FY 99	
First Cost Estimate		
Current Scope	FY 16	421
Last FY's Cost Estimate		382

Description

This project provides funds to modify existing local park buildings and facilities to control fuel and utilities consumption. The project scope encompasses planning, identifying, implementing and monitoring effective energy conservation measures at each major local park facility. Emphasis is placed upon positive and proven measures to remedy heat losses and gains through modifications to building envelope systems and through improvement and retrofit of building support systems; and modification of electrical and mechanical systems and equipment and their associated control and distribution systems.

Disclosures

Expenditures will continue indefinitely.

Energy Conservation - Non-Local Parks (P998711)

Category
Sub Category
Administering Agency
Planning Area

M-NCPPC
Development
M-NCPPC (AAGE13)
Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	39	0	9	30	5	5	5	5	5	5	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	271	0	61	210	35	35	35	35	35	35	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	310	0	70	240	40	40	40	40	40	40	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	310	0	70	240	40	40	40	40	40	40	0
Total	310	0	70	240	40	40	40	40	40	40	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	40
Appropriation Request Est.	FY 18	40
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		70
Expenditure / Encumbrances		1
Unencumbered Balance		69

Date First Appropriation	FY 99	
First Cost Estimate		
Current Scope	FY 16	310
Last FY's Cost Estimate		265

Description

This project provides funds to modify existing non-local park buildings and facilities to control fuel and utilities consumption. The project scope encompasses planning, identifying, implementing and monitoring effective energy conservation measures at each major non-local park facility. Emphasis is placed upon positive and proven measures to remedy heat losses and gains through modifications to building envelope systems and through improvement and retrofit of building support systems; and modification of electrical and mechanical systems and equipment and associated control and distribution systems.

Disclosures

Expenditures will continue indefinitely.

Enterprise Facilities' Improvements (P998773)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,669	0	276	2,393	195	158	120	900	900	120	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	15,118	0	1,561	13,557	1,105	892	680	5,100	5,100	680	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	17,787	0	1,837	15,950	1,300	1,050	800	6,000	6,000	800	0

FUNDING SCHEDULE (\$000s)

Enterprise Park and Planning	17,787	0	1,837	15,950	1,300	1,050	800	6,000	6,000	800	0
Total	17,787	0	1,837	15,950	1,300	1,050	800	6,000	6,000	800	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,300
Appropriation Request Est.	FY 18	1,050
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,837
Expenditure / Encumbrances		1,071
Unencumbered Balance		766

Date First Appropriation	FY 99	
First Cost Estimate		
Current Scope	FY 16	17,787
Last FY's Cost Estimate		5,403

Description

This project funds renovations or new construction at M-NCPPC-owned Enterprise facilities that operate in a manner similar to private business enterprises. Enterprise facilities include: Agricultural History Farm Park activities building (mainly lease agreement), Black Hill boats, Lake Needwood boats, Little Bennett campground, South Germantown mini-golf and splash playground, , Cabin John Ice Rink, Wheaton Ice Arena, Wheaton Sports Pavilion, Pauline Betz Addie Tennis facility, Wheaton Indoor Tennis, Cabin John Train, Wheaton Train and Carousel, , Brookside Gardens, South Germantown Driving Range, Rockwood Manor, Seneca Lodge and Woodlawn Manor Event Centers. This PDF consolidates Enterprise fund expenditures for most Enterprise facilities. The PDF supports planning, design, and construction-related activities, with an emphasis on renovation of existing Enterprise facilities. Projects may include minor renovations, fire suppression system installation, roof replacements, and lighting improvements. All projects are subject to the availability of funds.

Cost Change

Increase in the level-of-effort due to growth in Park and Planning Enterprise funds generated by user fees. This level allows for infrastructure improvements to ice rinks, tennis centers, and other Enterprise-funded facilities.

Justification

Infrastructure Inventory and Assessment of Park Components, 2008

Fiscal Note

M-NCPPC's Enterprise Facilities provide recreational and cultural activities that operate in a manner similar to private business enterprises. User fees replenish the enterprise fund that sustains all revenue-generating facilities in the parks system.

Disclosures

Expenditures will continue indefinitely.

Facility Planning: Local Parks (P957775)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,629	0	829	1,800	300	300	300	300	300	300	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	2,629	0	829	1,800	300	300	300	300	300	300	0

FUNDING SCHEDULE (\$000s)

Current Revenue: Park and Planning	2,629	0	829	1,800	300	300	300	300	300	300	0
Total	2,629	0	829	1,800	300	300	300	300	300	300	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	300
Appropriation Request Est.	FY 18	300
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		829
Expenditure / Encumbrances		172
Unencumbered Balance		657

Date First Appropriation	FY 95
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	2,580

Description

This project funds preparation of local park master plans, concept plans, and park management plans; archaeological, engineering and environmental studies; topographic, natural resource, and forest conservation surveys; utility studies; feasibility studies, and facility plans, AND DETAILED DESIGN PLANS FOR SMALL AND PHASED PROJECTS. Facility plans produce well-reasoned project cost estimates based on preliminary design, i.e. 30 percent of final design and construction documents. Preliminary design includes topographic surveys, environmental assessments, traffic studies, site plans, schematic drawings, floor plans, elevations, quantity calculations, and cost estimates, as well as public participation. Facility planning is needed when the variables or options involved in the project do not support reliable independent cost estimating.

Justification

2012 Parks, Recreation, and Open Space (PROS) Plan, approved by the Montgomery County Planning Board. There is a continuing need for the development of accurate cost estimates and an exploration of alternatives for proposed facility projects. Future projects which result from facility planning programmed in this PDF will reflect reduced planning and design costs. Individual area master plans.

Disclosures

Expenditures will continue indefinitely.

Facility Planning: Non-Local Parks (P958776)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AGE13)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	2,578	0	778	1,800	300	300	300	300	300	300	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	2,578	0	778	1,800	300	300	300	300	300	300	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	2,578	0	778	1,800	300	300	300	300	300	300	0
Total	2,578	0	778	1,800	300	300	300	300	300	300	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	300
Appropriation Request Est.	FY 18	300
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		778
Expenditure / Encumbrances		415
Unencumbered Balance		363

Date First Appropriation	FY 95
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	2,444

Description

This project funds preparation of PARK MASTER PLANS AND STUDIES, CONCEPT PLANS, facility plans, DETAILED DESIGN PLANS FOR SMALL AND PHASED PROJECTS and related plans/studies/analysis, e.g. environmental, feasibility, engineering, and utilities analysis. Facility plans produce well-reasoned project cost estimates based on preliminary design, i.e. thirty percent of final design and construction documents. Preliminary design includes topographic surveys, environmental assessments, traffic studies, site plans, schematic drawings, floor plans, elevations, quantity calculations, and cost estimates, as well as public participation. Facility planning is needed when the variables or options involved in the project do not support reliable independent cost estimating. This project also supports upfront planning activities associated with capital investments that may result from public-private partnerships.

Justification

2012 Parks, Recreation and Open Space (PROS) Plan, Countywide Park Trails Plan, approved by the Planning Board in July 1998; individual park master plans; INDIVIDUAL AREA MASTER PLANS.

Fiscal Note

In FY13 Current Revenue reduced \$50,000 for fiscal capacity.

Disclosures

Expenditures will continue indefinitely.

Falls Road Local Park (P098705)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Potomac-Travilah

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	917	777	140	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,521	726	795	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	2,438	1,503	935	0	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Park and Planning Bonds	2,070	1,203	867	0	0	0	0	0	0	0	0
Program Open Space	368	300	68	0	0	0	0	0	0	0	0
Total	2,438	1,503	935	0	0	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,438
Expenditure / Encumbrances		2,193
Unencumbered Balance		245

Date First Appropriation	FY 15	
First Cost Estimate		
Current Scope	FY 15	2,438
Last FY's Cost Estimate		2,438

Description

Falls Road Local Park, 12600 Falls Road, Potomac, is a 19.9-acre park located at the intersection of Falls Road and Falls Chapel Way. This park is the site of Hadley's Playground, a very popular play area designed for children of all abilities. Special education centers from throughout the County bring children to this park to enjoy the accessible playground equipment. This project funded the replacement of the rubberized surface that had deteriorated since it was originally installed in 1999. This project also funds the design for expansion of the existing parking lot that is inadequate to accommodate the volume of park patrons. In addition to the very popular Hadley's Playground, park amenities include several playing fields for football, soccer, and baseball games, and a loop trail.

Location

The right-of-way acquisition for a shared use path along Needwood Road from Deer Lake Road to West of Lake Needwood and from the ICC trail termini to Muncaster Mill Road will be completed in FY17. Construction will start in FY17 and be completed in FY18.

Estimated Schedule

Playground surface installed in FY10. Design of expanded parking lot will be completed in FY14. Construction begins FY15.

Justification

The facility plan was approved by the Montgomery County Planning Board in October 2007.

Fiscal Note

FY14 reduced appropriation OF \$937,000 in Program Open Space funding due to lack of availability of these funds.

Disclosures

A pedestrian impact analysis has been completed for this project.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Hillandale Local Park (P871742)

Category
Sub Category
Administering Agency
Planning Area

Date Last Modified 11/17/14
Required Adequate Public Facility
Relocation Impact
Status

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	640	0	0	640	130	355	81	27	47	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	6,910	0	0	6,910	0	0	1,919	2,213	2,778	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	7,550	0	0	7,550	130	355	2,000	2,240	2,825	0	0

FUNDING SCHEDULE (\$000s)											
Park and Planning Bonds	4,550	0	0	4,550	130	355	0	1,240	2,825	0	0
Program Open Space	3,000	0	0	3,000	0	0	2,000	1,000	0	0	0
Total	7,550	0	0	7,550	130	355	2,000	2,240	2,825	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	700
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	7,550
Last FY's Cost Estimate	0

Description

This project renovates an existing 25.35 acre local park located at 10615 New Hampshire Avenue in Silver Spring, the park is situated adjacent to the Hillandale volunteer fire department, the federal research Center complex, and the Chi Center. The facility plan removes or renovates deteriorating facilities and reconfigures the park to improve access and circulation. The plan includes the following elements: Demolition of the Hillandale office building in order to provide an improved, safe vehicular park Entrance, reconfigured roadway and parking areas (125 parking spaces), sidewalk improvements on new Hampshire Avenue, hard surface internal trail loop with exercise equipment and heart-smart trail Markers, restroom facility, full size soccer field with irrigation and fencing, themed multi-age Playground with public art, two picnic shelters, two tennis courts with lighting, two basketball courts with lighting, stormwater management facilities and landscaping.

Estimated Schedule

Design FY17, construction FY19-21

Justification

The park facility plan was approved by the Montgomery County Planning Board on July 9, 2015. Specific recommendations for the renovation of this park are included in the White Oak Science Gateway Master Plan, approved and adopted July 2014. Additional applicable recommendations are included in the Countywide bikeways functional master plan (2005), vision 2030 strategic plan for parks and recreation, Montgomery County, Maryland (2011), and the 2012 Park Recreation and Open Space (PORS) plan.

Other

A pedestrian impact analysis has been completed for this project.

Coordination

The project requires coordination with the Hillandale volunteer fire station to ensure that access and Entrance requirements for the fire station are met. The removal of the Hillandale office building Requires coordination with the timing of staff relocation to the Wheaton headquarters building.

Josiah Henson Historic Park (P871552)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Cabin John

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Preliminary Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,020	0	260	760	400	240	50	50	20	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4,212	0	0	4,212	0	500	1,650	1,250	812	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	850	0	0	850	0	0	500	300	50	0	0
Total	6,082	0	260	5,822	400	740	2,200	1,600	882	0	0

FUNDING SCHEDULE (\$000s)

Contributions	850	0	0	850	0	0	500	300	50	0	0
G.O. Bonds	4,606	0	0	4,606	34	740	1,700	1,300	832	0	0
Program Open Space	526	0	260	266	266	0	0	0	0	0	0
State Aid	100	0	0	100	100	0	0	0	0	0	0
Total	6,082	0	260	5,822	400	740	2,200	1,600	882	0	0

OPERATING BUDGET IMPACT (\$000s)

Energy				51	8	8	19	8	0	
Maintenance				146	24	24	50	24	0	
Offset Revenue				30	5	5	5	5	5	
Program-Staff				437	172	0	0	265	0	0
Program-Other				76	9	0	0	67	0	0
Net Impact				740	218	37	37	406	37	5
Full Time Equivalent (FTE)					0.0	0.0	0.0	4.0	0.0	0.0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	300
Appropriation Request Est.	FY 18	4,412
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		520
Expenditure / Encumbrances		0
Unencumbered Balance		520

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	5,850

Description

The 2.77 acre park is located at 11420 Old Georgetown Road in the Luxmanor Community of North Bethesda. The purpose of the project is to rehabilitate the existing Josiah Henson Park and create a heritage tourism destination. The project includes converting the historic Riley/Bolten House to a public museum; constructing a new 2,900 square foot visitor center with bus-drop off area and five-car parking lot on the former Rozier property; and new landscape sitework and outdoor interpretation that will make the park more accessible for visitors and convey its former appearance as a plantation.

Location

Oak Drive/MD 27 Sidewalk

Estimated Schedule

Design in FY16-17; construction in FY18 through FY21.

Cost Change

Inflation adjustment. M-NCPPC was awarded a State Bond Bill of \$50,000 in FY15.

Justification

Montgomery County Master Plan for Historic Preservation, 1979, identified the property as resource #30/6, "Uncle Tom's Cabin". The park vision was approved and name was changed to Josiah Henson Special Park with the approved and adopted Park Master Plan, December 2010. Josiah Henson Park was the subject of an approved facility plan in June 2013. Also cited in the approved and adopted White Flint Sector Plan, April 2010; and the 2012 Park Recreation and Open Space (PROS) plan, July 2012.

Other

Josiah Henson Historic Park (P871552)

The museum's exhibit storyline will focus on the first-person narrative of Josiah Henson, a former slave who escaped from the Riley Plantation to freedom in Canada and whose autobiographical life story inspired Harriet Beecher Stowe to write her world-famous novel, Uncle Tom's Cabin. This project seeks to make the house and park a destination for historic education and international tourism and tie the story of slavery to the Montgomery County Public School's Social Studies curriculum. The historic house will not be a traditional house museum with furnished rooms, but a more experiential and interactive place, with exhibits not only in the house but outside along the path and grounds. Educational tours will be provided. The park is currently open for guided tours as staffing permits.

Fiscal Note

The project budget for the "moderate option" of the master plan was approved by the Planning Board to fund three of four major components of the project work: rehabilitation of the historic house, new visitor center building, and new and rehabilitated sitework. The fourth component creates and installs exhibits in the historic house, visitor center and outdoor landscape. Those exhibits will be funded by a minimum of \$850,000 to a maximum of \$2 million that will result from a Montgomery Parks Foundation Capital Campaign, which is currently underway.

Disclosures

A pedestrian impact analysis has been completed for this project.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Montgomery County Departments: Recreation, Permitting Services, Fire/Rescue, Transportation; State Highway Administration; WSSC; WMATA

Kemp Mill Urban Park (P138702)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Kemp Mill-Four Corners

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,110	332	745	33	33	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4,700	0	4,223	477	477	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	5,810	332	4,968	510	510	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Park and Planning Bonds	4,610	332	3,968	310	310	0	0	0	0	0	0
Program Open Space	1,200	0	1,000	200	200	0	0	0	0	0	0
Total	5,810	332	4,968	510	510	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,810
Expenditure / Encumbrances		422
Unencumbered Balance		5,388

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 15 5,810
Last FY's Cost Estimate	5,810

Description

Kemp Mill Urban Park, located at 1200 Arcola Avenue in Wheaton, is a 2.7 acre park in the Kemp Mill Town Center. The park infrastructure reached the end of its lifecycle and required significant temporary repairs in recent years. The proposed plan renovates and enhances the existing park to improve the appearance, function and operation of the park. The following amenities are included: enlarged playground, multi-purpose court, pond reduced in size by 40 percent with necessary supporting infrastructure, overlook areas with seating, accessible park entrances with improved circulation and loop walking paths, lighting, site furnishings and amenities, naturalized low maintenance plantings, stormwater management facilities, and improved off-site drainage system.

Location

The Metropolitan Branch Trail is to be part of a larger system of trails to enable non-motorized travel around the Washington region. The overall goal for these trails is to create a bicycle beltway that links Union Station and the Mall in Washington, D.C. to Takoma Park, Silver Spring, and Bethesda in Maryland. The trail will serve pedestrians, bicyclists, joggers, and skaters, and will be Americans with Disabilities Act of 1990 (ADA) accessible. Plans & Studies: Silver Spring Central Business District Sector Plan. Disabilities Act of 1990 (ADA) accessible. Plans & Studies: Silver Spring Central Business District Sector Plan.

Estimated Schedule

Detailed design in FY13 and FY14 with construction in FY15-17

Justification

The Montgomery County Planning Board Approved the Park Facility Plan on September 15, 2011; Kemp Mill Master Plan (2001); 2005 Land Preservation, Parks, and Recreation Plan; Vision 2030: The Parks and Recreation Strategic Plan (2011) and 2012 Parks, Recreation and Open Space (PROS) Plan.

Fiscal Note

Program Open Space funding replaces some Park and Planning Bonds in FY15-17.

Disclosures

A pedestrian impact analysis has been completed for this project.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Montgomery County Department of Transportation, Montgomery County Department of Permitting Services, U.S. Army Corps of Engineers, Arts and Humanities Council of Montgomery County, Washington Suburban Sanitary Commission

Laytonia Recreational Park (P038703)

Category	M-NCPPC	Date Last Modified	11/17/14
Sub Category	Development	Required Adequate Public Facility	No
Administering Agency	M-NCPPC (AGE13)	Relocation Impact	None
Planning Area	Gaithersburg Vicinity	Status	Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,952	353	1,158	441	300	141	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	10,627	2,006	6,562	2,059	1,400	659	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	12,579	2,359	7,720	2,500	1,700	800	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	8,811	1,591	4,720	2,500	1,700	800	0	0	0	0	0
PAYGO	768	768	0	0	0	0	0	0	0	0	0
Program Open Space	3,000	0	3,000	0	0	0	0	0	0	0	0
Total	12,579	2,359	7,720	2,500	1,700	800	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Energy				126	0	0	63	63	0	0	
Maintenance				150	0	0	75	75	0	0	
Offset Revenue				-196	0	0	-98	-98	0	0	
Program-Staff				650	0	0	325	325	0	0	
Program-Other				256	0	0	256	0	0	0	
Net Impact				986	0	0	621	365	0	0	
Full Time Equivalent (FTE)					0.0	0.0	5.3	5.3	0.0	0.0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		12,579
Expenditure / Encumbrances		9,406
Unencumbered Balance		3,173

Date First Appropriation	FY 03
First Cost Estimate	
Current Scope	FY 15
Last FY's Cost Estimate	12,579

Description

Laytonia Recreational Park is located at the northeast quadrant of the intersection of Muncaster Mill Road and Airpark Road in the Derwood area of Rockville. Access to this new park will be from Airpark Road. The park consists of three parcels totaling nearly 51 acres: an undeveloped surplus school site, a parcel dedicated through the subdivision process, and adjacent church property purchased by MNCPPC. The new County Animal Shelter is located on a 7-acre portion of the property. The approved plan includes: one full-size lit, irrigated baseball field; one lit synthetic turf field; two rectangular irrigated turf fields; 240 parking spaces with the potential for 50 additional spaces in the future if needed; playground; basketball court; combination restroom picnic shelter; and trails.

Location

This project provides for planning and reconstructing various existing intersections in Montgomery County and for an annual congestion study to identify locations where there is a need for congestion mitigation. The project also includes the identification and implementation of corridor modifications and traffic calming treatments to enhance pedestrian safety. At these identified locations either construction begins immediately or detailed design plans are prepared and developed into future projects. The projects listed below reflect their current status.

Estimated Schedule

Design through FY 14 with construction to begin in FY15

Justification

2012 Parks, Recreation and Open Space (PROS) Plan. Land Preservation, Parks, and Recreation Plan (LPPRP), approved by the Montgomery County Planning Board in 2005. The proposed fields will help to alleviate the shortage of regulation sized baseball and rectangular fields in the county. The Montgomery County Planning Board approved a Facility Plan update for Laytonia Recreational Park on July 22, 2010.

Other

Laytonia Recreational Park (P038703)

The Montgomery County Planning Board approved the original facility plan on July 30, 2001, and the Council subsequently approved this PDF. The implementation of the approved plan was delayed while the Commission considered development of the site through a public/private partnership which was ultimately rejected. On July 22, 2010, the Planning Board approved an updated facility plan to address the special protection area regulations, change in proposed use from county library to county animal shelter, and changing recreational needs.

Fiscal Note

The FY14 appropriation provides the remaining piece of funding for this project. In FY16, Program Open Space (POS) funding will offset GO bond funding.

Disclosures

A pedestrian impact analysis has been completed for this project.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Maryland State Highway Administration (SHA), Montgomery County Department of General Services, Montgomery County Department of Transportation, Montgomery County Revenue Authority, Montgomery County Department of Police, Animal Services Division

Legacy Open Space (P018710)

Category M-NCPPC
Sub Category Acquisition
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0	0
Land	92,410	63,471	3,409	19,000	3,000	3,000	3,250	3,250	3,250	3,250	6,530
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	7,590	5,305	284	1,500	250	250	250	250	250	250	501
Total	100,000	68,776	3,693	20,500	3,250	3,250	3,500	3,500	3,500	3,500	7,031

FUNDING SCHEDULE (\$000s)											
Contributions	938	938	0	0	0	0	0	0	0	0	0
Current Revenue: General	11,959	9,639	320	1,500	250	250	250	250	250	250	500
G.O. Bonds	53,620	29,616	2,473	16,000	2,500	2,500	2,750	2,750	2,750	2,750	5,531
PAYGO	18,780	18,780	0	0	0	0	0	0	0	0	0
POS-Stateside (P&P only)	200	200	0	0	0	0	0	0	0	0	0
Park and Planning Bonds	10,500	5,600	900	3,000	500	500	500	500	500	500	1,000
Program Open Space	4,003	4,003	0	0	0	0	0	0	0	0	0
Total	100,000	68,776	3,693	20,500	3,250	3,250	3,500	3,500	3,500	3,500	7,031

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	3,250
Appropriation Request Est.	FY 18	3,250
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		72,469
Expenditure / Encumbrances		68,783
Unencumbered Balance		3,686

Date First Appropriation	FY 01
First Cost Estimate	
Current Scope	FY 16 100,000
Last FY's Cost Estimate	100,000

Description

The Legacy Open Space initiative identifies open space lands that should be acquired and interpreted because of exceptional natural or cultural value to current and future generations of Montgomery County residents. Legacy Open Space will acquire or obtain easements or make fee-simple purchases on open-space lands of countywide significance. Priorities are updated during each CIP cycle but remain flexible to allow the Montgomery County Planning Board to address development threats, OPPORTUNITY ACQUISITIONS, and joint funding opportunities. The County Council encourages the Commission to seek supplemental appropriations if approved CIP funding is insufficient. Non-County funding sources are expected to contribute significantly to the Legacy Open Space program. Contributions only will appear in the PDF Expenditure and Funding Schedules if the contribution is spent by the County or M-NCPPC. For instance, matching donations from partners in cash or Program Open Space (POS) funds are spent by the County or M-NCPPC and thus are reflected in the schedules above, while donations of land or non-County funded payments that go directly to property owners are not included. The combination of these non-County and County funds have resulted in the successful protection of over 5,000 acres of open space in the County, including OVER 3,500 ACRES OF NEW PARKLAND. ALMOST 500 ACRES OF PARKLAND WAS RECEIVED AT NO COST THROUGH DEDICATION AND DONATIONS BY PRIVATE LANDOWNERS.

Justification

THE VISION 2030 STRATEGIC PLAN FOR PARKS AND RECREATION IN MONTGOMERY COUNTY (2010) and the subsequent 2012 Park, Recreation and Open Space (PROS) Plan recommend placing priority on conservation of natural open spaces, protection of heritage resources, PROVIDING CRITICAL URBAN OPEN SPACES, and expanded interpretive activities in parks. Legacy Open Space: Open Space Conservation in the 21st Century, approved by the Montgomery County Planning Board in October 1999. Legacy Open Space Functional Master Plan adopted by the County Council in July 2001.

Other

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Fiscal Note

County Finance made PAYGO substitutions for FY13 (\$4,778,911) and for FY14 (\$1,135,872.50).

Disclosures

Expenditures will continue indefinitely.

Legacy Open Space (P018710)

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Acquisition: Local Parks PDF 767828, Acquisition: Non-Local Parks PDF 998798, ALARF: M-NCPPC PDF 727007, Restoration of Historic Structures PDF 808494, State of Maryland

Little Bennett Regional Park Day Use Area (P138703)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Clarksburg

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Planning Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,703	0	0	964	0	0	256	317	212	179	739
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	12,864	0	0	4,550	0	0	0	0	2,371	2,179	8,314
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	14,567	0	0	5,514	0	0	256	317	2,583	2,358	9,053

FUNDING SCHEDULE (\$000s)

G.O. Bonds	13,544	0	0	4,491	0	0	256	317	2,583	1,335	9,053
Program Open Space	1,023	0	0	1,023	0	0	0	0	0	1,023	0
Total	14,567	0	0	5,514	0	0	256	317	2,583	2,358	9,053

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 16 14,567
Last FY's Cost Estimate	14,253

Description

The Little Bennett Regional Park Day Use Area, located on the east side of MD Route 355 north of Comus Road, is a 65-acre existing meadow adjacent to wooded areas of the park and Soper's Branch stream. The day use area is designed to provide nature-based recreation and protects and interprets the existing meadow and adjacent forest habitat. The program of requirements from the master plan is accomplished in a uniquely sustainable manner that interprets the natural and cultural landscapes of the area. The project includes a multi-purpose outdoor classroom building, outdoor educational space and amphitheater, group picnic areas and shelter, play complex, sledding hill, hay play, group fire ring, teaching alcoves, two entrances and an access road, parking, bike path, hard and natural surface interpretive trails, bridges and boardwalks with overlooks, meadow enhancement and management, control of invasive species, managed forest succession, and stream restoration.

Location

The County is currently negotiating with the Maryland Historical Trust and Maryland Preservation Inc. regarding right-of-way impacts and the final alignment of a pedestrian bridge crossing over Georgia Avenue. The initial design for this project was funded through Facility Planning: Transportation (CIP #509337). The expenditures reflects the previously approved FY13-18 alignment over Georgia Avenue, which provides a crossing that is safe, cost-effective, and has a more limited visual impact than other proposed alternatives. This project will be coordinated. The County is currently negotiating with the Maryland Historical Trust and Maryland Preservation Inc. regarding right-of-way impacts and the final alignment of a pedestrian bridge crossing over Georgia Avenue. The initial design for this project was funded through Facility Planning: Transportation (CIP #509337). The expenditures reflects the previously approved FY13-18 alignment over Georgia Avenue, which provides a crossing that is safe, cost-effective, and has a more limited visual impact than other proposed alternatives. This project will be coordinated with the redevelopment of Progress Place and other construction activity in the Ripley district of Silver Spring to minimize impacts to surrounding property owners. the redevelopment of Progress Place and other construction activity in the Ripley district of Silver Spring to minimize impacts to surrounding property owners.

Estimated Schedule

Design in FY17 and FY18 with construction beginning in FY19

Cost Change

Cost increase due to inflation.

Justification

The Montgomery County Planning Board approved the park facility plan on October 6, 2011; Countywide Park Trails Plan (2008); Little Bennett Regional Park Master Plan (2007); 2005 Land Preservation, Parks, and Recreation Plan (LPPRP); Countywide Bikeways Functional Master Plan (2005); Clarksburg Master Plan and Hyattstown Special Study Area (1994); Vision 2030: The Parks and Recreation Strategic Plan (2011); 2012 Park, Recreation and Open Space (PROS) Plan.

Disclosures

A pedestrian impact analysis has been completed for this project.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Little Bennett Regional Park Day Use Area (P138703)

Coordination

Montgomery County Department of Transportation, Maryland State Highway Administration, Montgomery County Department of Permitting Services, Montgomery County Department of Environmental Protection, Arts and Humanities Council of Montgomery County

Little Bennett Regional Park Trail Connector (P871744)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Little Bennett Watershed

Date Last Modified 5/12/16
Required Adequate Public Facility
Relocation Impact
Status

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	202	0	0	150	0	0	0	0	0	150	52
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,578	0	0	0	0	0	0	0	0	0	2,578
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	2,780	0	0	150	0	0	0	0	0	150	2,630

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	1,780	0	0	150	0	0	0	0	0	150	1,630
Program Open Space	1,000	0	0	0	0	0	0	0	0	0	1,000
Total	2,780	0	0	150	0	0	0	0	0	150	2,630

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	2,780
Last FY's Cost Estimate	2,780

Description

This project provides a new eight-foot wide hard surface public sidewalk and recreational trail, Approximately one mile in length, on the east side of Frederick Road (md 355) in Clarksburg. The trail provides accessible pedestrian connections from an existing sidewalk at Snowden Farm Parkway to the Little Bennett Regional Park Day Use Area. The trail will extend the Clarksburg Greenway hard surface trail and the md 355 hiker-biker trail north towards Hyattstown; provide pedestrian access from the Clarksburg Town Center to the Little Bennett Regional Park Campground, future day use area and natural surface trail system; and provide bikeway and trail connections via Comus Road to a future Class III bikeway on Shiloh church road and to a future natural surface trail connection through the Ten Mile Creek Legacy Open Space to Black Hill Regional Park, promoting pedestrian connectivity and expanded recreational opportunities in upper Montgomery County. The plan includes the following elements: asphalt trail, approximately 750 linear feet of twelve-foot wide elevated boardwalk with concrete decking, retaining walls, pedestrian crossing of md 355 at Comus Road, signage, tributary stabilization, stormwater management, and reforestation planting.

Estimated Schedule

Design FY22, Construction BSY

Justification

The park facility plan was approved by the Montgomery County Planning Board on September 24, 2015. Recommendations related to this trail are included in the Little Bennett Regional Park Master Plan (2007), Ten Mile Creek Limited Amendment to the Clarksburg Master Plan and Hyattstown Special Study Area (2014), Clarksburg Master Plan and Hyattstown Special Study Area (1994), and Countywide Bikeways Functional Master Plan (2005). Additional applicable general recommendations are included in the Vision 2030 Strategic Plan for Parks and Recreation, Montgomery County, Maryland (2011) and the Countywide Park Trails Plan (2008).

Other

A Pedestrian Impact Analysis has been completed for this project.

asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Project requires ongoing coordination with The Montgomery County Department of Transportation and the Maryland State Highway Administration. Timing of the project should be coordinated with the construction of the Little Bennett Day Use Area.

Minor New Construction - Local Parks (P998799)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	702	0	146	556	140	140	69	69	69	69	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,527	0	583	1,944	560	560	206	206	206	206	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,229	0	729	2,500	700	700	275	275	275	275	0

FUNDING SCHEDULE (\$000s)											
Park and Planning Bonds	3,229	0	729	2,500	700	700	275	275	275	275	0
Total	3,229	0	729	2,500	700	700	275	275	275	275	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	700
Appropriation Request Est.	FY 18	700
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		729
Expenditure / Encumbrances		227
Unencumbered Balance		502

Date First Appropriation	FY 01
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	1,775

Description

This project funds design and/or construction of new and reconstruction projects generally less than \$300,000. Projects include a variety of improvements at local parks, such as new picnic shelters, SEATING, WALKWAYS, EXERCISE EQUIPMENT, SITE AMMENITIES, PLAY FEATURES, GRADING, COURTS, LANDSCAPING, stormwater management and drainage upgrades, parking lot expansions, retaining walls, UTILITIES, AND OTHER improvements. A separate project funds similar tasks at regional and recreational (non-local) parks. These level-of-effort PDFs address a variety of ONGOING needs in our park system and reduce proliferation of new stand-alone PDFs.

Cost Change

Increase in the level-of-effort to address higher construction costs and additional regulatory requirements, i.e. water quality permits, sediment control and ADA regulations, which increase costs. OVERALL COST INCREASE DUE TO IMPLEMENTATION OF ALTERNATIVE PROJECT DELIVERY MODEL AIMED AT SHORTENING PROJECT DEVELOPMENT PROCESS AND ALLOWING STAFF TO BE MORE RESPONSIVE TO CHANGES IN USER NEEDS AND FUNDING AVAILABILITY. THIS NEW METHOD USES VARIOUS LEVEL-OF-EFFORT PDFS TO FUND SMALLER OR PHASED PROJECTS IN LIEU OF CREATING A STAND-ALONE PDF FOR A COMPLETE PARK RENOVATION THAT MAY TAKE YEARS TO COMPLETE.

Justification

2012 Parks, Recreation and Open Space (PROS) Plan. The 2005 Land Preservation, Parks and Recreation Plan. Individual Area Master Plans. COMMUNITY REQUESTS.

Disclosures

Expenditures will continue indefinitely.

Minor New Construction - Non-Local Parks (P998763)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	492	0	62	430	125	125	45	45	45	45	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,468	0	248	2,220	875	625	180	180	180	180	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	2,960	0	310	2,650	1,000	750	225	225	225	225	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	2,960	0	310	2,650	1,000	750	225	225	225	225	0
Total	2,960	0	310	2,650	1,000	750	225	225	225	225	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,000
Appropriation Request Est.	FY 18	750
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		310
Expenditure / Encumbrances		137
Unencumbered Balance		173

Date First Appropriation	FY 01	
First Cost Estimate		
Current Scope	FY 16	1,210
Last FY's Cost Estimate		1,420

Description

This project funds design and construction of new and reconstruction projects costing less than \$300,000. Projects include a variety of improvements at non-local parks, such as dog exercise areas, trail amenities (parking, kiosks), maintenance storage buildings, etc. A separate project funds similar tasks at local parks. These level-of-effort PDFs address a variety of needs in our park system and reduce proliferation of new stand-alone PDFs.

Cost Change

Added \$250k in FY17 for Maydale Nature Center. Overall cost increase due to implementation of alternative project delivery model aimed at shortening project development process and allowing staff to be more responsive to changes in user needs and funding availability. This new method uses various level-of-effort pdfs to fund smaller or phased projects in lieu of creating a stand-alone pdf for a complete park renovation that may take years to complete.

Justification

New partial closeout amount includes FY14 and FY15. 2012 Parks, Recreation, and Open Space (PROS) Plan. 2005 Land Preservation, Park and Recreation Plan. Individual park master plans.

Fiscal Note

Prior year partial capitalization of expenditures through FY15 totalled \$2,685,000. Added \$250k in FY17 for Maydale Nature Center. In FY13, supplemental appropriation added \$200,000 in State Aid funding

Disclosures

Expenditures will continue indefinitely.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

North Branch Trail (P871541)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Rockville

Date Last Modified 5/13/16
Required Adequate Public Facility No
Relocation Impact None
Status Under Construction

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	238	0	0	238	20	95	62	61	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	4,434	0	0	4,434	462	1,705	1,115	1,152	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	4,672	0	0	4,672	482	1,800	1,177	1,213	0	0	0

FUNDING SCHEDULE (\$000s)											
Contributions - Other (WSSC only)	282	0	0	282	282	0	0	0	0	0	0
Federal Aid	2,000	0	0	2,000	200	1,800	0	0	0	0	0
G.O. Bonds	2,390	0	0	2,390	0	0	1,177	1,213	0	0	0
Total	4,672	0	0	4,672	482	1,800	1,177	1,213	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Maintenance				94	0	4	0	90	0	0	
Program-Staff				105	0	21	21	21	21	21	
Net Impact				199	0	25	21	111	21	21	
Full Time Equivalent (FTE)					0.0	0.0	0.0	1.0	0.0	0.0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	4,672
Appropriation Request Est.	FY 18	1,800
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16	
First Cost Estimate		
Current Scope	FY 16	4,390
Last FY's Cost Estimate		4,290

Description

The North Branch Hiker-Biker Trail will be a new trail located within Rock Creek Regional Park and the North Branch Stream Valley Park Unit 4 and is approximately 2.2 miles in length including connector trails. There are two segments of this trail. The first will connect the Lake Frank Lakeside Trail to the Emory Lane Bikeway at the intersection of Muncaster Mill Road. A 20 space parking lot will be built off of Muncaster Mill Road for trailhead parking. Improvements to the intersection of Muncaster Mill Road and Emory Lane are proposed and coordinated jointly between MC-DOT, SHA and M-NCPPC. The second segment connects the Route 200 Bikeway to the future trail being built by the developer at the Preserve at Rock Creek.

Estimated Schedule

Design in FY15, funded in Project #768673, Trails: Hard Surface Design & Construction. Construction in FY17-20.

Cost Change

Added \$282k for WSSC reimbursement for disturbances in the North Branch area. Inflation adjustment.

Justification

The Facility Plan was approved by the MCPB on June 27, 2013. The trail has been recommended in multiple master plans including the 2005 Olney Master Plan, 2004 Upper Rock Creek Area Master Plan, the 2008 Countywide Park Trails Plan, the 2000 Rock Creek Regional Park Master Plan and the 2008 Upper Rock Creek Trail Corridor Plan.

Fiscal Note

M-NCPPC was awarded a Transportation Alternatives Program Grant for the amount of \$2,000,000 from the Maryland State Highway Administration in July 2015. \$282k WSSC reimbursement for disturbances in the North Branch Area.

Disclosures

A pedestrian impact analysis has been completed for this project.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Montgomery County Department of Transportation, Maryland State Highway Administration, Montgomery County Department of Permitting Services, M-NCPPC Department of Planning and Maryland Transportation Authority, Project #768673 Trails Hard Surface Design & Construction.

Northwest Branch Recreational Park-Athletic Area (P118704)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Cloverly-Norwood

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Final Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	957	2	233	122	0	0	0	0	100	22	600
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,643	0	115	128	0	0	0	0	0	128	3,400
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	4,600	2	348	250	0	0	0	0	100	150	4,000

FUNDING SCHEDULE (\$000s)

G.O. Bonds	4,600	2	348	250	0	0	0	0	100	150	4,000
Total	4,600	2	348	250	0	0	0	0	100	150	4,000

OPERATING BUDGET IMPACT (\$000s)

Energy				124	31	31	31	31	0	0
Maintenance				80	20	20	20	20	0	0
Offset Revenue				-280	-70	-70	-70	-70	0	0
Program-Staff				640	160	160	160	160	0	0
Program-Other				8	2	2	2	2	0	0
Net Impact				572	143	143	143	143	0	0
Full Time Equivalent (FTE)					2.5	2.5	2.5	2.5	0.0	0.0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		350
Expenditure / Encumbrances		163
Unencumbered Balance		187

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY 16 4,600
Last FY's Cost Estimate	350

Description

The athletic area at Northwest Branch Recreational Park is located on Norbeck Road, between Layhill and Norwood Roads. The site is approximately 41 acres in area, of which Maryland State Highway Administration (SHA) owns 23 acres, and M-NCPPC owns 18 acres. This project consists of two phases. Phase I, under construction by SHA and anticipated to be complete in SPRING 2016, will include the following: 1 adult-sized baseball field, 3 adult-sized multi-purpose rectangular fields, 1 football field, 225 space parking lot, and trails for field access and connection to the existing trail on Norwood Road. FOLLOWING SHA'S CONSTRUCTION AND PARK OPENING, the remainder of the park will be FULLY COMPLETED by M-NCPPC in phases. THE NEXT PHASE will include playground, picnic shelter, and maintenance building and storage bin area. LATER PHASES will include additional parking, synthetic turf field, lighting, irrigation, and a restroom building.

Estimated Schedule

Concept plan for both phases was presented to the Planning Board by SHA on January 12, 2010. Phase I, under construction by SHA, is anticipated to be complete in spring 2016. PHASE I FINAL DESIGN AND land acquisition will be completed in FY16. PHASE IIA DETAILED DESIGN WILL BE COMPLETED IN FY21 AND FY22.

Justification

2012 Parks, Recreation and Open Space (PROS) Plan, Land Preservation, Parks and Recreation Plan, 2005; Cloverly Master Plan, 1997; ICC Record of Decision, Attachment D: The ICC Mitigation Package, 2006

Other

Phase 1 design and construction was funded by SHA; therefore, no funding is shown for that phase. Operating Budget Impact (OBI) is shown for both phases.

Fiscal Note

The Maryland State Highway Administration contribution for community stewardship projects for ICC mitigation will fund Phase 1 of this project.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Northwest Branch Recreational Park-Athletic Area (P118704)

Maryland State Highway Administration, Montgomery County Revenue Authority, Montgomery County Department of Environmental Protection, Montgomery County Department of Permitting Services.

Ovid Hazen Wells Recreational Park (P871745)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Clarksburg

Date Last Modified 6/24/16
Required Adequate Public Facility
Relocation Impact
Status

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	3,126	0	0	974	0	0	325	49	195	405	2,152
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	15,874	0	0	3,676	0	0	0	276	1,105	2,295	12,198
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	19,000	0	0	4,650	0	0	325	325	1,300	2,700	14,350

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	19,000	0	0	4,650	0	0	325	325	1,300	2,700	14,350
Total	19,000	0	0	4,650	0	0	325	325	1,300	2,700	14,350

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	19,000
Last FY's Cost Estimate	19,000

Description

This project expands the active recreation area in Ovid Hazen Wells Recreational Park and relocates the Ovid Hazen Wells Carousel from Wheaton Regional Park. The expansion of the active recreation area as recommended in the 2014 Ovid Hazen Wells Recreational Park Master Plan Update will occur in two phases. This project funds the first phase of work, which includes the carousel roundhouse, skate park, accessory building (with ticketing, party room and restrooms), parking, trails, stormwater management, utilities, additional playground equipment and landscaping. The second future phase of work will include an adventure playground, water play area, dog park, amphitheater, community green, additional picnic shelters, teen adventure play (climbing/fitness tower and fitness equipment with running track), athletic field improvements, additional parking, maintenance building, trails, open meadows and landscaping.

Justification

The Park Facility Plan for the active recreation area was approved by the Montgomery County Planning Board on September 24, 2015. The program of requirements for this project was recommended in the Ovid Hazen Wells Recreational Park Master Plan Update, approved by the Montgomery County Planning Board on November 20, 2014.

Planned Lifecycle Asset Replacement: Local Parks (P967754)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,660	0	388	1,272	240	240	198	198	198	198	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	20,572	0	4,789	15,783	3,185	3,110	2,372	2,372	2,372	2,372	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	22,232	0	5,177	17,055	3,425	3,350	2,570	2,570	2,570	2,570	0

FUNDING SCHEDULE (\$000s)											
Park and Planning Bonds	21,107	0	5,177	15,930	2,850	2,800	2,570	2,570	2,570	2,570	0
Program Open Space	1,050	0	0	1,050	500	550	0	0	0	0	0
State Aid	75	0	0	75	75	0	0	0	0	0	0
Total	22,232	0	5,177	17,055	3,425	3,350	2,570	2,570	2,570	2,570	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	3,425
Appropriation Request Est.	FY 18	3,350
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,177
Expenditure / Encumbrances		1,469
Unencumbered Balance		3,708

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	22,232
Last FY's Cost Estimate	15,319

Description

This project schedules renovation, modernization, or replacement of aging, unsafe, or obsolete local park facilities or components of park facilities. Local parks include local, neighborhood, urban, and neighborhood conservation area parks. The park system contains over 300 local parks and many different types of facilities, many of which are over 30 years old. There are six sub-categories of work funded by this project, and each has a prioritized list of candidate projects, but schedules may change as needs arise. 1. Boundary Markings: Provides for survey work to delineate park boundaries. 2. Minor Renovations: Provides for infrastructure improvements for a variety of park amenities and infrastructure, such as bridge repairs/replacements. 3. Park Building Renovations: The park system has 40 small park activity and ancillary buildings available for rent or lease. Repairs to these buildings may include kitchen and restroom upgrades; replace floors; upgrade major system components HVAC/plumbing/electrical. 4. Play Equipment: The life span of most play equipment is 20 years. Changes in safety standards sometimes require replacement at earlier intervals. Amenities included in this project are the play area border and protective surfacing under equipment, as well as benches and trees to shade the play equipment, if needed. 5. Tennis & Multi-Use Court Renovation: The asphalt base and fences generally last 20 years. Work includes fence repairs or replacement, new asphalt base, color-coating of courts, installation of new nets and standards, drainage improvements, and lights as needed. 6. Resurfacing Parking Lots and Paths: pavement and drainage rehabilitation for parking lots, entrance roads and paved walkways.

Cost Change

Overall cost increase due to implementation of alternative project delivery model aimed at shortening project development process and allowing staff to be more responsive to changes in user needs and funding availability. This new method uses various level-of-effort pdfs to fund smaller or phased projects in lieu of creating a stand-alone PDF for a complete park renovation that may take years to complete.

Justification

Infrastructure Inventory and Assessment of Park Components for Recreation and Ancillary Buildings and Playgrounds. Renovations scheduled in this project are based on this assessment study as well as requests from park managers and park users. Failure to renovate or replace aging park facilities or components on a scheduled basis before the end of their useful life results in decreased levels of service to park users and an overall increase in capital costs as repairs become emergencies.

Other

Repairs to hiker-biker and natural surface trails are funded through other PDFs.

Fiscal Note

Planned Lifecycle Asset Replacement: Local Parks (P967754)

Prior year partial capitalization of expenditures through FY15 totaled \$34,577,000. MNCPPC was awarded a State Bond Bill in FY15 of \$75,000 for West Fairland LP. In FY15 transferred in \$560,000 Park and Planning Bonds from North Four Corners LP, #078706. In FY10, \$285,000 was transferred in from Broadacres Local Park PDF 058702, which is substantially complete. In FY09, \$74,000 was transferred in from PLAR Athletic Field Renovation PDF 998700, which was closed out. In FY09, the Town of Chevy Chase donated \$30,000 for Playground Improvements at Leland Local Park. This donation offsets \$30,000 Park and Planning Bond expenditure and appropriation in FY10.

Disclosures

Expenditures will continue indefinitely.

M-NCPCC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Trails: Hard Surface Renovation, PDF 888754, Trails: Natural Surface Trails, PDF 858710

Planned Lifecycle Asset Replacement: NL Parks (P968755)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 5/5/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,939	0	337	1,602	245	245	231	231	325	325	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	17,292	0	2,934	14,358	2,095	2,095	2,109	2,109	2,975	2,975	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	19,231	0	3,271	15,960	2,340	2,340	2,340	2,340	3,300	3,300	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	13,088	0	2,128	10,960	1,040	1,040	1,740	1,740	2,700	2,700	0
G.O. Bonds	6,143	0	1,143	5,000	1,300	1,300	600	600	600	600	0
Total	19,231	0	3,271	15,960	2,340	2,340	2,340	2,340	3,300	3,300	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,340
Appropriation Request Est.	FY 18	2,340
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,271
Expenditure / Encumbrances		1,212
Unencumbered Balance		2,059

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	19,231
Last FY's Cost Estimate	12,935

Description

This project schedules renovation, modernization, or replacement of aging, unsafe, or obsolete park facilities or components of park facilities in non-local parks. These parks include Regional, Recreational, Stream Valley, Conservation and Special Parks, most of which are over 30 years old. There are five sub-categories of work funded in PLAR NL, and each has a prioritized list of candidate projects, but schedules may change as needs arise. 1. Boundary Markings: provides for survey work to delineate park boundaries. 2. Minor Renovations: provides for infrastructure improvements for a variety of park amenities and infrastructure, such as bridge repairs/replacements. 3. Play Equipment: the life span of most play equipment is 20 years. Changes in safety standards sometimes require replacement at earlier intervals. Amenities included in this project are the play area border and protective surfacing under equipment, as well as benches and trees to shade the play equipment, if needed. 4. Tennis & Multi-Use Court Renovation: the asphalt base and fences generally last 20 years. Work includes fence repairs or replacement, new asphalt base, color-coating of courts, installation of new nets and standards, drainage improvements, and lights as needed. 5. Resurfacing Parking Lots and Paths: pavement and drainage rehabilitation for parking lots, entrance roads and walkways.

Justification

Over 100 non-local parks and facilities require scheduled renovation in order to maintain a reasonable level of service for park users and avoid costly emergency repairs. Failure to renovate or replace aging park facilities or components on a scheduled basis before the end of their useful life results in decreased levels of service to park users and an overall increase in capital costs as repairs become emergencies.

Other

Repairs to hiker-biker and natural surface trails and roof replacements are funded through other PDFs.

Fiscal Note

Prior year partial capitalization of expenditures through FY15 totalled \$25,649,000. In FY14 transferred out \$49,000 of GO Bonds to Cost Sharing NL, #761682. In FY13, disappropriate \$105,000 of State Aid not received; reduce Current Revenue \$50,000 for fiscal capacity. In FY12, transferred \$48,000 to Restoration of Historic Structures. In FY11, \$60,000 was transferred in from Brookside Gardens, PDF #848704. In April 2011, Reduce current revenue by \$75,000 in FY12 for fiscal capacity. In March 2011, Reduce current revenue by \$100,000 in FY12 for fiscal capacity. In December 2010, Reduce current revenue by \$125,000 in FY12 for fiscal capacity. In April 2010, the Council approved a reduction of \$200,000 in Current Revenue in FY11. In January 2010, the Executive recommended and Council approved a reduction of \$100,000 in Current Revenue as part of the FY10 Savings Plan. In FY10, \$375,000 (General Obligation Bonds) was transferred in from Lake Needwood Dam Remediation, PDF #078710 (\$373,000) and Rickman Horse Farm Park, PDF #008722 (\$2,000). In FY09, \$141,000 in current revenue was transferred out to Wheaton Tennis Bubble Renovation, PDF# 078708.

Disclosures

Expenditures will continue indefinitely.

Coordination

Planned Lifecycle Asset Replacement: NL Parks (P968755)

Montgomery County Department of Recreation, Resurfacing Parking Lots and Paths, PDF 998740, Roof Replacement Non-Local, PDF 838882, Trails: Hard Surface Renovation, PDF 888754, Trails: Natural Surface Trails, PDF 858710

Pollution Prevention and Repairs to Ponds & Lakes (P078701)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 5/13/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,610	0	710	900	150	150	150	150	150	150	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	5,974	0	2,974	3,000	500	500	500	500	500	500	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	7,584	0	3,684	3,900	650	650	650	650	650	650	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	2,966	0	1,166	1,800	300	300	300	300	300	300	0
G.O. Bonds	2,655	0	605	2,050	300	350	350	350	350	350	0
State Aid	50	0	0	50	50	0	0	0	0	0	0
State ICC Funding (M-NCPPC Only)	1,913	0	1,913	0	0	0	0	0	0	0	0
Total	7,584	0	3,684	3,900	650	650	650	650	650	650	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	650
Appropriation Request Est.	FY 18	650
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,684
Expenditure / Encumbrances		562
Unencumbered Balance		3,122

Date First Appropriation	FY 07
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	6,563

Description

This PDF funds continuing efforts to update and maintain our existing facilities to meet today's standards and enhance environmental conditions throughout the park system. M-NCPPC operates 12 maintenance yards (MY) throughout Montgomery County that are regulated as industrial sites under NPDES because bulk materials storage and equipment maintenance have the potential to pollute surface waters. Each MY is subject to NPDES regulations, and must have a Stormwater Pollution Prevention Plans (SWPPPs) in place. SWPPPs are generally a combination of operational efforts and capital projects, such as covered structures for bulk materials and equipment, vehicle wash areas, or stormwater management facilities. In addition, M-NCPPC has identified between 60 and 70 existing farm ponds, lakes, constructed wetlands, irrigation ponds, recreational ponds, nature ponds, and historic dams on park property that do not qualify for funding through Montgomery County's Water Quality Protection program. Based on the results of field inspections, projects are prioritized for design, permitting, and construction. M-NCPPC has entered into a countywide NPDES Phase II Permit with MDE to establish pollution prevention measures to mitigate stormwater runoff that originates on parkland. This new permitting requirement will involve additional efforts to identify untreated areas and develop appropriate Best Management Practices (BMPs) to control stormwater runoff and enhance water quality.

Cost Change

Received supplemental appropriation for additional \$600k from SHA for ICC Mitigation. The level-of-effort will increase to address rising construction costs. Overall cost increase due to implementation of alternative project delivery model aimed at shortening project development process and allowing staff to be more responsive to changes in user needs and funding availability. This new method uses various level-of-effort pdfs to fund smaller or phased projects in lieu of creating a standalone PDF for a complete park renovation that may take years to complete.

Justification

The NPDES General Discharge Permit for Stormwater Associated with Industrial Facilities, Permit No. 02 SW issued by the Maryland Department of the Environment (MDE), requires implementation of the SWPPPs at each maintenance yard. The MDE Dam Safety Program requires regular aesthetic maintenance, tri-annual inspection, and periodic rehabilitation of all pond facilities to maintain their function and structural integrity. In 2010, the EPA enacted the NPDES Municipal Separate Storm Sewer System (MS4) Permit.

Fiscal Note

Prior year partial capitalization of expenditures through FY15 totalled \$5,426,000. In FY16 received an additional \$600k from SHA for ICC Mitigation. State Bond Bill grant of \$50,000 was received in 2015 for West Fairland Local Park. New partial closeout includes FY14 and FY15. In FY14 transferred in FY14, \$40,000 GO bonds to Ballfield Improvements, #008720. In FY13, transferred-in \$200,000 GO Bonds from Lake Needwood Modifications #098708.

Disclosures

Expenditures will continue indefinitely.

Pollution Prevention and Repairs to Ponds & Lakes (P078701)

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Montgomery County Department of Permitting Services (MCDPS), Montgomery County Department of Environmental Protection (MCDEP), Maryland Department of the Environment, Washington Suburban Sanitary Commission (WSSC)

Restoration Of Historic Structures (P808494)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 5/13/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,729	0	229	1,500	250	250	250	250	250	250	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,611	0	916	695	445	50	50	50	50	50	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,340	0	1,145	2,195	695	300	300	300	300	300	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	2,792	0	897	1,895	645	250	250	250	250	250	0
G.O. Bonds	548	0	248	300	50	50	50	50	50	50	0
Total	3,340	0	1,145	2,195	695	300	300	300	300	300	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	695
Appropriation Request Est.	FY 18	300
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,145
Expenditure / Encumbrances		354
Unencumbered Balance		791

Date First Appropriation	FY 80	
First Cost Estimate		
Current Scope	FY 16	2,945
Last FY's Cost Estimate		3,369

Description

The commission owns and is the steward of 117 built structures of historic significance across 43 historic sites and upwards of 400 archaeological resources. This PDF provides baseline funds necessary to repair, stabilize, and renovate some of the top priority historical structures and sites that are located on parkland. This PDF provides for bringing vacant historic buildings to life, defining stabilization and rehabilitation scopes of work, and developing implementation strategies with limited resources a major ongoing effort is to focus few resources on visible properties that satisfy greatest need, to preserve severely decaying structures, and to tell the county's history through the best historic properties. Projects include stabilization or rehabilitation at Jesup Blair House; Seneca (Poole), Darby, and Red Foot Stores; Agriculture History Farm Park; Waters House; and Zeigler Log House. Several projects may require leases of public/private partnerships.

Estimated Schedule

FY15 emergency stabilization of Jesup Blair House.

Cost Change

FY17 increase for Phase 2 stabilization of Jesup Blair House.

Justification

2005 Land Preservation, Parks and Recreation Plan, approved by the Planning Board. Area master plans and the County's Historic Preservation Ordinance. From Artifact to Attraction: A Strategic Plan for Cultural Resources in Parks. Cultural resources asset inventory prioritization list.

Other

Public demand for program is strong: in the most recent PROS Survey, the majority of residents found protection of historic sites to be important and rated this as a high funding priority. Proposed funding will not only provide the funds to preserve historic structures and sites, especially those that can be opened to the public or serve a public need.

Fiscal Note

Prior year partial capitalization of expenditures through FY15 totalled \$7,583,000. FY14 transfer in of \$30,000 GO bonds from Matthew Henson Trail #500400. MNCPPC received two State Bond Bill grants of \$50k each for Seneca (Poole) Store in 2011 and 2014.

Disclosures

Expenditures will continue indefinitely.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Montgomery County Historic Preservation Commission, Woodlawn Barn Visitor's Center PDF 098703, Warner Circle Special Park PDF 118703, Maryland Historical Trust, National Park Service, National Trust for Historic Preservation

Rock Creek Maintenance Facility (P118702)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Upper Rock Creek

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,261	655	606	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	8,394	364	8,030	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	9,655	1,019	8,636	0	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	9,655	1,019	8,636	0	0	0	0	0	0	0	0
Total	9,655	1,019	8,636	0	0	0	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Maintenance				12	0	0	0	12	0	0	
Program-Staff				32	0	0	0	32	0	0	
Net Impact				44	0	0	0	44	0	0	
Full Time Equivalent (FTE)					0.0	0.0	0.0	0.4	0.0	0.0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		9,655
Expenditure / Encumbrances		8,019
Unencumbered Balance		1,636

Date First Appropriation	FY 9,463
First Cost Estimate	
Current Scope	FY 15 9,655
Last FY's Cost Estimate	9,655

Description

The existing Rock Creek Park Maintenance Yard is located within Rock Creek Regional Park at 15881 Beach Drive in Derwood, MD 20855. It is east of the intersection of Needwood Road and Beach Drive. The site is approximately five acres. The existing buildings were built during the 1960's and 1970's when the park was first developed. The main objective for this project is to bring the existing outdated, inadequate and deteriorated facility up to industry standard and comparable to other newer facilities such as the Black Hill, Cabin John, and Wheaton Maintenance Yards. The major components of the project include: administration building, vehicle maintenance shop, work shops for two crews, equipment storage building, material storage building, staff parking, vehicle parking, and fuel island. The consultant has designed the new maintenance facility with the objective of achieving a green building level of at least LEED Silver rating without any major additional cost to the project.

Location

Maryland Department of Transportation, Maryland State Highway Administration, Maryland-National Capital Park and Planning Commission

Estimated Schedule

Design through FY15. Construction begins in FY16.

Cost Change

Cost increase due to inflation. Entire funding for project accelerated into FY16.

Justification

Facility Plan approved by Montgomery County Planning Board in June 2009. Rock Creek Regional Park Master Plan, 2000

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

United States Green Building Council, Montgomery County Department of Permitting Services, Montgomery County Department of Environmental Protection, Washington Suburban Sanitary Commission

Roof Replacement: Non-Local Pk (P838882)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	397	0	19	378	63	63	63	63	63	63	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	1,699	0	499	1,200	200	200	200	200	200	200	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	2,096	0	518	1,578	263	263	263	263	263	263	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	714	0	336	378	63	63	63	63	63	63	0
G.O. Bonds	1,382	0	182	1,200	200	200	200	200	200	200	0
Total	2,096	0	518	1,578	263	263	263	263	263	263	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	263
Appropriation Request Est.	FY 18	263
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		518
Expenditure / Encumbrances		69
Unencumbered Balance		449

Date First Appropriation	FY 83
First Cost Estimate	
Current Scope	FY 15 2,096
Last FY's Cost Estimate	2,642

Description

This project provides for roof replacement on buildings and structures in non-local parks, as well as countywide maintenance facilities, Park Police facilities, and selected enterprise facilities that are of historic significance. The PDF also funds periodic roof evaluations and designs.

Fiscal Note

Prior year partial capitalization of expenditures through FY15 totalled \$4,623,000.

Disclosures

Expenditures will continue indefinitely.

Seneca Crossing Local Park (P138704)

Category
Sub Category
Administering Agency
Planning Area

M-NCPPC
Development
M-NCPPC (AAGE13)
Germantown

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,315	0	0	0	0	0	0	0	0	0	1,315
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	7,458	0	0	0	0	0	0	0	0	0	7,458
Other	0	0	0	0	0	0	0	0	0	0	0
Total	8,773	0	0	0	0	0	0	0	0	0	8,773

FUNDING SCHEDULE (\$000s)											
Park and Planning Bonds	6,773	0	0	0	0	0	0	0	0	0	6,773
Program Open Space	2,000	0	0	0	0	0	0	0	0	0	2,000
Total	8,773	0	0	0	0	0	0	0	0	0	8,773

OPERATING BUDGET IMPACT (\$000s)											
Maintenance				41	0	0	0	41	0	0	
Program-Staff				110	0	0	0	110	0	0	
Net Impact				151	0	0	0	151	0	0	
Full Time Equivalent (FTE)					0.0	0.0	0.0	1.7	0.0	0.0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16	
First Cost Estimate		
Current Scope	FY 15	8,773
Last FY's Cost Estimate		8,773

Description

This project provides a new local park on approximately 28 acres of undeveloped parkland at 11400 Brink Road, Germantown. Park amenities will include two rectangular playing fields, a multi-age playground, four sand volleyball courts, a skate spot, several areas of unprogrammed open space, seating areas, trails, picnic/shade structures, approximately 175 parking spaces, portable toilets, stormwater management facilities, reforestation areas, landscape planting, and other miscellaneous amenities.

Location

Project is deferred in order to coordinate with the redevelopment of Progress Place and Ripley Street. Federal Transportation Enhancement Funds will be pursued after property acquisition is complete.

Estimated Schedule

Design and construction to commence in the beyond the six-year period.

Cost Change

Increased for inflation. All funding shifted to the beyond six year period for affordability reasons.

Justification

The Montgomery County Planning Board approved the park facility plan on October 6, 2011; Germantown Master Plan (1989); 2005 Land Preservation, Parks, and Recreation Plan; Vision 2030: The Parks and Recreation Strategic Plan (2011); Countywide Park Trails Plan (2008); Countywide Bikeways Functional Master Plan (2005)

Other

The land was deeded to M-NCPPC from the developer, Winchester Homes, in 1998 for use as a local park.

Disclosures

A pedestrian impact analysis has been completed for this project.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Montgomery County Department of Transportation, Montgomery County Department of Permitting Services

S. Germantown Recreational Park: Cricket Field (P87.1746)

Category
Sub Category
Administering Agency
Planning Area

M-NCPPC
Development
M-NCPPC (AAGE13)
Germantown

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

11/17/14
No
None
Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	209	0	0	209	75	100	22	12	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,091	0	0	2,091	0	700	903	488	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	2,300	0	0	2,300	75	800	925	500	0	0	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	2,300	0	0	2,300	75	800	925	500	0	0	0
Total	2,300	0	0	2,300	75	800	925	500	0	0	0
OPERATING BUDGET IMPACT (\$000s)											
Maintenance				164	0	0	0	164	0	0	0
Net Impact				164	0	0	0	164	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,300
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 16
Last FY's Cost Estimate	2,300

Description

This project provides a new cricket field and supporting infrastructure on undeveloped parkland within South Germantown Recreational Park. The project includes the following amenities: 400' diameter cricket field with pitch, irrigation, vehicle entrance road, 50 parking spaces, vehicle turnaround and overflow parking for 30 cars, central pedestrian plaza, trail connection to existing park, loop trails around field and natural area of park, viewing mound for spectators, bioretention areas, hedgerow screen plantings, meadow plantings and reforestation areas.

Estimated Schedule

Design FY16-17, construction begins FY18

Justification

The site selection and concept plan for this project was approved by the Montgomery County Planning Board on July 30, 2015. The 2012 Park Recreation and Open Space (PROS) plan estimated a need for four dedicated cricket fields in Montgomery County by the year 2022.

Other

A pedestrian impact analysis has been completed for this project.

Disclosures

A pedestrian impact analysis has been completed for this project.

Small Grant/Donor-Assisted Capital Improvements (P058755)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	757	0	397	360	60	60	60	60	60	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,029	0	1,589	1,440	240	240	240	240	240	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	3,786	0	1,986	1,800	300	300	300	300	300	0

FUNDING SCHEDULE (\$000s)

Contributions	2,674	0	1,474	1,200	200	200	200	200	200	0
Current Revenue: General	506	0	206	300	50	50	50	50	50	0
Current Revenue: Park and Planning	606	0	306	300	50	50	50	50	50	0
Total	3,786	0	1,986	1,800	300	300	300	300	300	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	300
Appropriation Request Est.	FY 18	300
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,986
Expenditure / Encumbrances		31
Unencumbered Balance		1,955

Date First Appropriation	FY 05
First Cost Estimate	
Current Scope	FY 16 3,786
Last FY's Cost Estimate	3,413

Description

This project authorizes expenditures for new or existing projects that receive support from non-County government funding sources, e.g. grants, donations, gifts, fund raising projects, and sponsorships. No funds can be expended from this project unless at least 80 percent of the total cost of the project, or the change to an existing project is provided from a non-County government funding source. The funds provided can be expended within this project provided: 1. The capital cost is less than \$100,000; or 2. The capital cost is at least \$100,000, but the project: (a) does not have an Operating Budget Impact (OBI) in excess of 10 percent of the capital cost; and (b) vehicle trips generated by the project do not exceed 25 vehicle trips during the peak one-hour period in the vicinity of the project. The Department must notify the County Council of any grants or donations for projects having a capital cost of at least \$100,000. The Department must submit a PDF for approval by the County Council for all other projects in accordance with the County Council policy on non-County funded capital projects, approved on February 22, 2000.

Justification

Montgomery County Department of Park and Planning Policy and Guidelines on Donations and Public/Private Partnerships, adopted 2003.

Other

From time to time M-NCPPC is able to generate non-County government funded support for projects with the expectation that the project will be implemented in a timely way as a condition of the support. This project provides the authorization to receive and expend the funds from various sources. In addition, there is often a requirement or need for the Commission to provide matching funds, fund the overhead for the project, e.g. planning, design, and construction management or supervision services, or otherwise contribute to the project. This PDF provides public funding for this limited participation.

Fiscal Note

NEW PARTIAL CLOSEOUT AMOUNT INCLUDES FY14 AND FY15. FY15 TRANSFERRED OUT \$151,000 COUNTY CURRENT REVENUE TO BROOKSIDE GARDENS MASTER PLAN, #078702.

Disclosures

Expenditures will continue indefinitely.

Stream Protection: SVP (P818571)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,011	0	195	816	132	132	138	138	138	138	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,438	0	654	2,784	468	468	462	462	462	462	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	4,449	0	849	3,600	600	600	600	600	600	600	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	4,449	0	849	3,600	600	600	600	600	600	600	0
Total	4,449	0	849	3,600	600	600	600	600	600	600	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	600
Appropriation Request Est.	FY 18	600
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		849
Expenditure / Encumbrances		169
Unencumbered Balance		680

Date First Appropriation	FY 81
First Cost Estimate	
Current Scope	FY 16 4,449
Last FY's Cost Estimate	3,990

Description

As a result of development in urban and suburban watersheds, stream channels are subject to increased storm water flows that result in severely eroded stream banks. This project makes corrective improvements to damaged stream channels, floodplains, and tributaries in stream valley parks and constructs new stormwater management (SWM) facilities and associated riparian enhancements to improve watershed conditions. Stream erosion problems include stream sedimentation, destruction of aquatic habitat, undercutting of stream banks, blockage of migration routes, loss of floodplain access, tree loss, damage to infrastructure (i.e. bike paths, bridges, utilities, and other improvements). Rock and wood revetments (i.e. cross vanes, J-hooks, riffle grade controls) are used in association with reforestation, floodplain enhancements, and other stream protection techniques (brush bundles, wing deflectors, root wads, etc.) to prevent continued erosion and improve aquatic habitat. Stream protection projects must be examined from a watershed perspective to identify/control the source of problems. If possible new SWM facilities will be built to control water flows prior to entering the stream channel to help the watershed return to a more stable equilibrium. Projects require engineering and permitting by Maryland Department of the Environment, the U.S. Army Corps of Engineers, and Montgomery County's Department of Permitting Services. This project also includes reforestation in stream valley parks.

Justification

The project meets Montgomery County's water quality goals, Chapter 19, Article IV of the Montgomery County Code: to protect, maintain, and restore high quality chemical, physical, and biological conditions in the waters of the State in the County. This project is also supported by the Countywide Stream Protection Strategy developed by Montgomery County's Department of Environmental Protection (DEP). Many county streams flow through lands managed/owned by M-NCPPC. M-NCPPC performs a stewardship role in protection of these streams and protecting improvements, which are threatened by stream erosion. Comprehensive Watershed Inventories conducted by Montgomery County Department of Environmental Protection with assistance from M-NCPPC.

Fiscal Note

Prior year partial capitalization of expenditures through FY15 totalled \$12,449,000. FY13 transfer in of \$129K GO Bonds from Lake Needwood Modifications #098708.

Disclosures

Expenditures will continue indefinitely.

Coordination

Montgomery County Department of Environmental Protection, National Capital Planning Commission for Capper-Cramton Funded Parks, State and County Department of Transportation, State Dept. of Natural Resources, Montgomery County Department of Environmental Protection, PDF 733759, Utility rights-of-way coordinated with WSSC and other utility companies where applicable., U.S. Army Corps of Engineers, Metropolitan Washington Council of Governments

Trails: Hard Surface Design & Construction (P768673)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 5/19/16
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	803	0	347	456	98	98	65	65	65	65	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,205	0	1,561	1,644	352	352	235	235	235	235	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	4,008	0	1,908	2,100	450	450	300	300	300	300	0

FUNDING SCHEDULE (\$000s)

Contributions	900	0	900	0	0	0	0	0	0	0	0
G.O. Bonds	3,108	0	1,008	2,100	450	450	300	300	300	300	0
Total	4,008	0	1,908	2,100	450	450	300	300	300	300	0
Full Time Equivalent (FTE)					0.0	0.0	0.0	0.0	0.0	0.0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	450
Appropriation Request Est.	FY 18	450
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,908
Expenditure / Encumbrances		341
Unencumbered Balance		1,567

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 17 4,008
Last FY's Cost Estimate	2,376

Description

This PDF provides major renovations of hard surface trails. Hard surface trails will accommodate bicyclists, pedestrians, strollers, inline skaters, and people in with disabilities, where feasible. Projects include major trails of Countywide significance e.g. those in stream valley parks but also include shorter connector trails that link to the Countywide system. Trail design will meet Americans with Disabilities Act (ADA) and American Association of State Highway and Transportation standards while protecting natural resources. this project does not include development of new trails or trail extensions.

Cost Change

Increase includes raising the level-of-effort to meet increased demand.

Justification

Connectors, safety improvements, signage, and amenities increase trail usage for recreation and promote walking and biking as alternatives to vehicular transportation. In park user surveys, hiking and biking on trails is the most frequent recreation activity reported. Biking and walking paths top respondents' lists of desired facilities or greatest facility shortages. 2008 Countywide Park Trails 2005 Land Preservation, Park and Recreation Plan

Fiscal Note

Prior year partial capitalization of expenditures through FY15 totalled \$10,886,000. FY15 Supplemental Appropriation for developer contribution of \$900,000. FY15 transferred out \$300,000 of GO bonds to Brookside Gardens Master Plan, #078702.

Disclosures

Expenditures will continue indefinitely.

Coordination

State of Maryland, Montgomery County Department of Transportation, Washington Suburban Sanitary Commission and other utilities, Montgomery County Department of Environmental Protection, Maryland Department of Natural Resources, Trails: Hard Surface Renovation PDF 888754, Municipal Governments, Montgomery County Department of Permitting Services

Trails: Hard Surface Renovation (P888754)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Countywide

Date Last Modified 5/20/16
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	865	0	321	544	170	170	51	51	51	51	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4,226	0	1,570	2,656	830	830	249	249	249	249	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	5,091	0	1,891	3,200	1,000	1,000	300	300	300	300	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	3,291	0	891	2,400	700	500	300	300	300	300	0
Program Open Space	1,800	0	1,000	800	300	500	0	0	0	0	0
Total	5,091	0	1,891	3,200	1,000	1,000	300	300	300	300	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	700
Appropriation Request Est.	FY 18	1,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,891
Expenditure / Encumbrances		136
Unencumbered Balance		1,755

Date First Appropriation	FY 88
First Cost Estimate	
Current Scope	FY 16 3,991
Last FY's Cost Estimate	3,574

Description

This PDF provides major renovations of hard surface trails. Hard surface trails will accommodate bicyclists, pedestrians, strollers, inline skaters, and people in with disabilities, where feasible. Projects include major trails of Countywide significance, e.g., those in stream valley parks, but also include shorter connector trails that link to the Countywide system. Renovations may include resurfacing, realignments, culvert repair/replacement, grading and drainage improvements, trail signage and amenities, guardrails, and bridge repair/replacement. Where possible, trail renovations will meet Americans with Disabilities Act (ADA) and American Association of State Highway and Transportation standards while protecting natural resources. this project does not include development of new trails or trail extensions.

Cost Change

Increase includes raising the level-of-effort to meet increased demand.

Justification

The trail system currently has 14 miles of paved trails at least 30-years old. Scheduled maintenance and renovation promotes safety and reduces long-term maintenance costs. In park user surveys, hiking and biking on trails is the most frequent recreation activity reported. Biking and walking paths top respondents' lists of desired facilities or greatest facility shortages. 2008 Countywide Park Trails 2005 Land Preservation, Park and Recreation Plan

Fiscal Note

Prior year partial capitalization of expenditures through FY15 totalled \$4,712,000.

Disclosures

Expenditures will continue indefinitely.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Trails: Hard Surface Design & Construction PDF 768673

Trails: Natural Surface & Resource-based Recreation (P858710)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	121	0	31	90	15	15	15	15	15	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,692	0	682	2,010	335	335	335	335	335	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	2,813	0	713	2,100	350	350	350	350	350	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	2,365	0	565	1,800	300	300	300	300	300	0
G.O. Bonds	448	0	148	300	50	50	50	50	50	0
Total	2,813	0	713	2,100	350	350	350	350	350	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	350
Appropriation Request Est.	FY 18	350
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		713
Expenditure / Encumbrances		60
Unencumbered Balance		653

Date First Appropriation	FY 85
First Cost Estimate	
Current Scope	FY 16 2,213
Last FY's Cost Estimate	1,860

Description

Formerly known as "Trails: Natural Surface Design, Construction, and Renovation," this project is one of the key level-of-effort projects that will support providing access to natural, undeveloped park land. The focus will still be natural surface trails, but it will also help support natural resource-based recreation uses such as bicycling, hiking, running, horseback riding, bird watching, nature photography, wildlife viewing, kayaking, rowing, canoeing, and fishing, as identified in the 2012 Park, Recreation and Open Space (PROS) Plan. This PDF includes planning, design, and construction and reconstruction of natural surface trails. Natural surface trails are usually located in stream valley parks. Surfaces include dirt, wood chip, soil mixtures, and sometimes gravel or stone, supplemented by boardwalk or other elevated surfaces when needed; they are generally narrower than hard surface trails. Work may include grading, drainage, signage, bridges/culverts, edging, realignments, etc. The trails generally do not meet Americans with Disabilities Act (ADA) requirements. The expenditure schedule does not include the value of work done by volunteers to assist with the construction of natural surface trails.

Cost Change

Increase includes raising the level-of-effort to meet increased demand.

Justification

Improvements address only the highest priority needs for each trail and presume some volunteer assistance for hand labor. Projects in Rock Creek, Rachel Carson, Little Bennett, and Black Hill implement park master plans. This CIP Project implements the natural surface recreational trail component of the Countywide Park Trails Plan and trail recommendations in area master plans. 2015 Countywide Park Trails 2005 Land Preservation, Park and Recreation Plan

Fiscal Note

Prior year partial capitalization of expenditures through FY15 totalled \$2,844,000. FY14 transfer out of \$45,000 GO Bonds to Montrose Trail, #038707.

Disclosures

Expenditures will continue indefinitely.

Coordination

Maryland State Parks, Maryland Department of Natural Resources, Montgomery County Department of Transportation, Volunteer Groups

Urban Park Elements (P871540)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Countywide

Date Last Modified 5/13/16
Required Adequate Public Facility No
Relocation Impact None
Status Planning Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	337	0	37	300	50	50	50	50	50	50	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,413	0	213	1,200	200	200	200	200	200	200	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,750	0	250	1,500	250	250	250	250	250	250	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	550	0	250	300	50	50	50	50	50	50	0
Park and Planning Bonds	1,200	0	0	1,200	200	200	200	200	200	200	0
Total	1,750	0	250	1,500	250	250	250	250	250	250	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	250
Appropriation Request Est.	FY 18	250
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		250
Expenditure / Encumbrances		0
Unencumbered Balance		250

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 15 250
Last FY's Cost Estimate	250

Description

This project funds design and construction of various park elements such as dog parks, community gardens, skateboard facilities, outdoor volleyball courts and civic greens to be added to urban parks throughout the county. Amenities may be new or created by replacing older or underutilized elements of the urban park.

Estimated Schedule

The goal of this level-of-effort project is to fund one urban park element per year to meet the high needs of urban areas

Cost Change

Increase due to continuing this level-of-effort indefinitely beyond FY16.

Justification

Vision 2030 recommended the following guiding principal for meeting future park and recreation needs in the County, which are reflected in the approved PROS 2012 plan service delivery strategy: Balance renovation and conversion of older parks and facilities with new construction. Respond to changing priorities by redefining existing land and facilities to provide different kinds of services, and deliver services to areas of highest need. This project will deliver amenities to urban parks which are in the areas of highest need.

Other

Respond to changing priorities by re-defining existing land and facilities to provide different kinds of services, and deliver services to areas of highest need. This project will deliver amenities to urban parks which are in the areas of highest need.

Fiscal Note

Due to fiscal capacity, this project is funded by shifting some funds from Ballfield Improvements #008720, in FY15 and FY16

Disclosures

Expenditures will continue indefinitely.

Coordination

M-NCPPC Planning Department; Montgomery County Departments of Transportation, Permitting Services, Environmental Protection; Regional Services Center and Urban Districts.

Warner Circle Special Park (P118703)

Category	M-NCPPC	Date Last Modified	11/17/14
Sub Category	Development	Required Adequate Public Facility	No
Administering Agency	M-NCPPC (AAGE13)	Relocation Impact	None
Planning Area	Kensington-Wheaton	Status	Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	915	275	40	0	0	0	0	0	0	0	600
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	5,262	400	510	0	0	0	0	0	0	0	4,352
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	6,177	675	550	0	0	0	0	0	0	0	4,952

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	5,115	0	163	0	0	0	0	0	0	0	4,952
PAYGO	37	37	0	0	0	0	0	0	0	0	0
State Bonds (P&P only)	1,025	638	387	0	0	0	0	0	0	0	0
Total	6,177	675	550	0	0	0	0	0	0	0	4,952

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,225
Expenditure / Encumbrances		687
Unencumbered Balance		538

Date First Appropriation	FY 11	
First Cost Estimate		
Current Scope	FY 15	6,177
Last FY's Cost Estimate		6,177

Description

Warner Circle Special Park (WCSP), located on Carroll Place in the heart of the Kensington Historic District, was the home of Brainard Warner, the founder of the Town of Kensington and a significant figure in the development of Montgomery County. This 4.5-acre property was acquired by M-NCPPC in 2005-2006 through the Legacy Open Space program. This pdf will fund construction of a restoration tied to a use that satisfies a strong County need and fits into the community. Phase I of this project is completed and included demolition of the nursing home wing, restoration of public areas of the park previously occupied by the nursing home, re-creation of the loop road, and reconstruction of historic exterior walls, porches, and patios. Stabilization is currently underway and identified structural failings that must be addressed, including the front porch, masonry repointing that will tighten the building envelope, and a visible historic window repair. When a use is approved, phase II funding will include the rehabilitation of the historic house and carriage house and landscape enhancements to the grounds.

Estimated Schedule

Phase I completed in FY14. Structural stabilization in FY15 and FY16. Further renovation of the building and grounds will be funded beyond the six year program.

Cost Change

Actual costs for renovations beyond FY20 are unknown at this time and will be determined by the re-use option selected. Entire funding for the project placed in the beyond six year period for affordability reasons.

Justification

Montgomery County Master Plan for Historic Preservation (1979); Kensington Historic District listed in 1986; From Artifact to Attraction: A Strategic Plan for Cultural Resources in Parks (2006); National Register of Historic Places: Kensington Historic District (1980); Vision for Kensington: A Long-Range Preservation Plan (1992); Legacy Open Space Functional Master Plan (2001); Facility Plan approved by Planning Board (2011)

Other

It is essential to activate vacant buildings on Parks' historic inventory with appropriate uses to prevent deterioration. This project will result in a large publicly-owned historic site with county-wide significance becoming a vibrant landmark again.

Fiscal Note

In 2004, 2006, 2010, 2011 and 2015 a total of \$725,000 in state bond bills was awarded to M-NCPPC for this project

Disclosures

A pedestrian impact analysis has been completed for this project.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Warner Circle Special Park (P118703)

Restoration of Historic Structures, PDF# 808494, Maryland Historical Trust, Town of Kensington, Montgomery County Historic Preservation Commission. Parks has committed to a great deal of community outreach on this project as well as research into uses that can be accommodated by the building code. Agreeing on an appropriate and necessary use for this building is essential at this time to prevent further vandalism and the unnecessarily rapid deterioration that accompanies vacant structures.

Western Grove Urban Park (P871548)

Category M-NCPPC
Sub Category Development
Administering Agency M-NCPPC (AAGE13)
Planning Area Bethesda-Chevy Chase

Date Last Modified 5/13/16
Required Adequate Public Facility No
Relocation Impact None
Status Preliminary Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	322	34	238	50	50	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	833	59	424	350	350	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,155	93	662	400	400	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)											
Contributions	300	0	100	200	200	0	0	0	0	0	0
Park and Planning Bonds	855	93	562	200	200	0	0	0	0	0	0
Total	1,155	93	662	400	400	0	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000s)											
Maintenance				30	0	0	15	15	0	0	
Program-Staff				92	0	0	46	46	0	0	
Net Impact				122	0	0	61	61	0	0	
Full Time Equivalent (FTE)					0.0	0.0	0.6	0.6	0.0	0.0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	50
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,105
Expenditure / Encumbrances		170
Unencumbered Balance		935

Date First Appropriation	FY 15	
First Cost Estimate		
Current Scope	FY 15	1,105
Last FY's Cost Estimate		1,105

Description

Western Grove Urban Park is a 1.89-acre site that provides a significant opportunity to create green open space for the use and enjoyment of urban residents in one of the most densely-populated Metro Station areas in Montgomery County. The site is adjacent to the Friendship Heights CBD and is within the limits of Chevy Chase Village. Now vacant, the site was formerly a single-family home, located at 5409 Grove Street, Chevy Chase.

Location

Riffle Ford Road Bikelaness

Cost Change

On March 24, 2016, the Village Board voted to increase the Village's contribution from \$250,000 to \$300,000

Justification

2001 Legacy Open Space Functional Master Plan recommended acquisition of this property as parkland; Concept Plan and Program of Requirements approved by the Montgomery County Planning Board and the Board of Managers of Chevy Chase Village, May 2013; Facility Plan approved by Montgomery County Planning Board, September 2013; 2012 Park, Recreation and Open Space (PROS) Plan

Other

This property was acquired as an Urban Open Space through the Legacy Open Space program in 2001, in partnership with Chevy Chase Village ("the Village"). An MOU with Chevy Chase Village was created. The Parks Department took control of the property in late 2007 after cessation of a life estate. Since that time, significant site cleanup has occurred on the property including demolition of the structures.

Fiscal Note

The Village of Chevy Chase Village contributed to the cost of purchasing the property, demolition of the buildings, and to the cost of facility planning. The village has committed to contribute a minimum of \$300,000 towards the cost of design, and construction. The Village is responsible for trash/recycling removal and police protection within the park.

Disclosures

A pedestrian impact analysis has been completed for this project.

Coordination

Montgomery County Department of Permitting Services; WSSC; DC Dept. of Transportation; DC Public Open Space Committee, DC Water, Pepco, Chevy Chase Village

Woodside Urban Park (P138705)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Silver Spring

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Preliminary Design Stage

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
-------	--------------	----------	------------------	-------	-------	-------	-------	-------	-------	-----------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,288	13	52	1,223	350	316	435	122	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	5,704	185	300	5,219	1,245	1,440	1,981	553	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	6,992	198	352	6,442	1,595	1,756	2,416	675	0	0	0

FUNDING SCHEDULE (\$000s)

Park and Planning Bonds	5,968	198	352	5,418	1,083	1,244	2,416	675	0	0	0
Program Open Space	1,024	0	0	1,024	512	512	0	0	0	0	0
Total	6,992	198	352	6,442	1,595	1,756	2,416	675	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	6,442
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		550
Expenditure / Encumbrances		412
Unencumbered Balance		138

Date First Appropriation	FY 16	
First Cost Estimate		
Current Scope	FY 15	6,992
Last FY's Cost Estimate		6,603

Description

Woodside Urban Park, located at 8800 Georgia Avenue, is a 2.34-acre park at the gateway to downtown Silver Spring. The facility plan removes outdated and deteriorating facilities and renovates the park to provide a cohesive plan with flexible open space, improved pedestrian connectivity and better visibility. The plan includes the following elements: gateway entrance terrace, accessible park entrances, large open lawn area, loop walkways, internal terrace area for picnicking, linear and artful play areas, fitness area, tennis court, basketball court with timed lights, community garden with water cisterns, rain gardens incorporated with play and educational features, improved site furnishings, lighting, protection and enhancement of existing mature trees, and low maintenance landscaped areas.

Location

Washington Metropolitan Area Transit Authority, CSX-Transportation, Maryland State Highway Administration, Montgomery College, Maryland Historical Trust, Purple Line Project, Maryland-National Capital Park and Planning Commission, Montgomery County Department of Health and Human Services

Estimated Schedule

Detailed design in FY15-16 with construction in FY17-FY19.

Cost Change

Cost increase due to inflation.

Justification

The Montgomery County Planning Board approved the park facility plan on October 6, 2011; North and West Silver Spring Master Plan (2000); Silver Spring CBD Sector Plan (2000); Countywide Bikeways Functional Master Plan (2005); 2005 Land Preservation, Parks, and Recreation Plan; Vision 2030: The Parks and Recreation Strategic Plan (2011)

Other

The park will be designed as originally approved October 2011. Plans for the existing Health and Human Services building adjacent to this park will be determined by Montgomery County Government Department of General Services.

Disclosures

A pedestrian impact analysis has been completed for this project.

M-NCPPC (A13) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Montgomery County Department of General Services Health & Human Services Building, 8818 Georgia Avenue, Montgomery County Department of Permitting Services, Maryland State Highway Administration, Montgomery County Department of Transportation, Arts and Humanities Council of Montgomery County

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 06/21/2016 2:42 PM

	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
M-NCPPC												
Acquisition												
Legacy Open Space (P018710)	100,000	68,776	3,693	20,500	3,250	3,250	3,500	3,500	3,500	3,500	7,031	3,250
ALARE: M-NCPPC (P727007)	23,798	0	17,798	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0
Acquisition: Local Parks (P767828)	8,382	0	2,172	6,210	1,035	1,035	1,035	1,035	1,035	1,035	0	1,035
Acquisition: Non-Local Parks (P998798)	9,362	0	2,552	6,810	1,135	1,135	1,135	1,135	1,135	1,135	0	1,135
	141,542	68,776	26,215	39,520	6,420	6,420	6,670	6,670	6,670	6,670	7,031	5,420
Development												
Acquisition												
Ballfield Improvements (P008720)	7,973	0	1,073	6,900	1,400	1,150	900	950	1,250	1,250	0	1,400
Woodstock Equestrian Center (P018712)	* 1,491	1,491	0	0	0	0	0	0	0	0	0	0
Work Order Mgmt/Planned Lifecycle Asset Repl. Sys. (P028702)	* 920	920	0	0	0	0	0	0	0	0	0	0
Laytonia Recreational Park (P038703)	12,579	2,359	7,720	2,500	1,700	800	0	0	0	0	0	0
Montrose Trail (P038707)	* 544	544	0	0	0	0	0	0	0	0	0	0
Rock Creek Trail Pedestrian Bridge (P048703)	* 8,795	8,795	0	0	0	0	0	0	0	0	0	0
Black Hill Trail Renovation and Extension (P058701)	* 4,036	4,036	0	0	0	0	0	0	0	0	0	0
East Norbeck Local Park Expansion (P058703)	* 3,754	3,754	0	0	0	0	0	0	0	0	0	0
Small Grant/Donor-Assisted Capital Improvements (P058755)	3,786	0	1,986	1,800	300	300	300	300	300	300	0	300
Pollution Prevention and Repairs to Ponds & Lakes (P078701)	7,584	0	3,684	3,900	650	650	650	650	650	650	0	650
Brookside Gardens Master Plan Implementation (P078702)	10,211	3,928	4,529	1,754	1,454	300	0	0	0	0	0	650
Germanatown Town Center Urban Park (P078704)	* 7,806	7,806	0	0	0	0	0	0	0	0	0	0
Greenbriar Local Park (P078705)	* 4,407	3,783	624	0	0	0	0	0	0	0	0	0
North Four Corners Local Park (P078706)	* 4,304	4,304	0	0	0	0	0	0	0	0	0	0
Takoma-Piney Branch Local Park (P078707)	* 3,350	3,350	0	0	0	0	0	0	0	0	0	0
Evans Parkway Neighborhood Park (P098702)	* 3,651	3,651	0	0	0	0	0	0	0	0	0	0
Woodlawn Barn Visitors Center (P098703)	* 3,250	2,750	500	0	0	0	0	0	0	0	0	0
Darnestown Square Heritage Park (P098704)	* 734	734	0	0	0	0	0	0	0	0	0	0
Falls Road Local Park (P098705)	2,438	1,503	935	0	0	0	0	0	0	0	0	0
Magruder Branch Trail Extension (P098706)	2,629	0	0	0	0	0	0	0	0	0	2,629	0
Lake Needwood Modifications (P098708)	* 3,290	3,290	0	0	0	0	0	0	0	0	0	0
Shady Grove Maintenance Facility Relocation (P098709)	* 250	200	50	0	0	0	0	0	0	0	0	0
Battery Lane Urban Park (P118701)	460	0	0	460	60	130	270	0	0	0	0	60
Rock Creek Maintenance Facility (P118702)	9,655	1,019	8,636	0	0	0	0	0	0	0	0	0
Warner Circle Special Park (P118703)	6,177	675	550	0	0	0	0	0	0	0	4,952	0
Northwest Branch Recreational Park-Athletic Area (P118704)	4,600	2	348	250	0	0	0	0	100	150	4,000	0
ADA Compliance: Local Parks (P128701)	5,067	0	567	4,500	850	850	700	700	700	700	0	850
ADA Compliance: Non-Local Parks (P128702)	6,107	0	1,057	5,050	800	850	850	850	850	850	0	800
Elm Street Urban Park (P138701)	671	0	165	506	188	318	0	0	0	0	0	9

* = Closeout or Pending Closeout

CIP230 - CC Approved

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 06/21/2016 2:42 PM

	Total Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
Kemp Mill Urban Park (P138702)	5,810	332	4,968	510	0	0	0	0	0	0	0
Little Bennett Regional Park Day Use Area (P138703)	14,567	0	0	5,514	0	256	317	2,583	2,358	9,053	0
Seneca Crossing Local Park (P138704)	8,773	0	0	0	0	0	0	0	0	8,773	0
Woodside Urban Park (P138705)	6,992	198	352	1,595	1,756	2,416	675	0	0	0	6,442
Cost Sharing: Non-Local Parks (P761682)	356	0	56	300	50	50	50	50	50	0	50
Trails: Hard Surface Design & Construction (P768673)	4,008	0	1,908	450	450	300	300	300	300	0	450
Restoration Of Historic Structures (P808494)	3,340	0	1,145	695	300	300	300	300	300	0	695
Stream Protection: SVP (P818571)	4,449	0	849	600	600	600	600	600	600	0	600
Roof Replacement: Non-Local Pk (P838882)	2,096	0	518	263	263	263	263	263	263	0	263
Trails: Natural Surface & Resource-based Recreation (P858710)	2,813	0	713	350	350	350	350	350	350	0	350
Trails: Hard Surface Renovation (P888754)	5,091	0	1,891	1,000	1,000	300	300	300	300	0	700
Facility Planning: Local Parks (P957775)	2,629	0	829	300	300	300	300	300	300	0	300
Facility Planning: Non-Local Parks (P958776)	2,578	0	778	300	300	300	300	300	300	0	300
Cost Sharing: Local Parks (P977748)	551	0	101	450	75	75	75	75	75	0	75
Energy Conservation - Local Parks (P998710)	421	0	199	222	37	37	37	37	37	0	37
Energy Conservation - Non-Local Parks (P998711)	310	0	70	40	40	40	40	40	40	0	40
S. Germantown Recreational Park: Soccerplex Fac. (P998712)	* 10,965	10,965	0	0	0	0	0	0	0	0	0
Resurfacing Parking Lots & Paths: Local Parks (P998714)	* 442	442	0	0	0	0	0	0	0	0	0
Minor New Construction - Non-Local Parks (P998763)	2,960	0	310	1,000	750	225	225	225	225	0	1,000
Resurfacing Parking Lots & Paths: Non-Local Parks (P998764)	* 429	429	0	0	0	0	0	0	0	0	0
Enterprise Facilities' Improvements (P998773)	17,787	0	1,837	15,950	1,300	800	6,000	6,000	800	0	1,300
Minor New Construction - Local Parks (P998799)	3,229	0	729	2,500	700	275	275	275	275	0	700
Planned Lifecycle Asset Replacement: Local Parks (P967754)	22,232	0	5,177	17,055	3,425	2,570	2,570	2,570	2,570	0	3,425
Planned Lifecycle Asset Replacement: NL Parks (P968755)	19,231	0	3,271	15,960	2,340	2,340	2,340	3,300	3,300	0	2,340
Urban Park Elements (P871540)	1,750	0	250	1,500	250	250	250	250	250	0	250
North Branch Trail (P871541)	4,672	0	0	4,672	482	1,800	1,177	1,213	0	0	4,672
Western Grove Urban Park (P871548)	1,155	93	662	400	400	0	0	0	0	0	50
Josiah Henson Historic Park (P871552)	6,082	0	260	5,822	400	740	2,200	1,600	882	0	300
Caroline Freeland Local Park (P871743)	3,808	0	0	3,808	0	0	160	400	2,000	1,248	0
Hillendale Local Park (P871742)	7,550	0	0	7,550	130	355	2,000	2,240	2,825	0	700
Little Bennett Regional Park Trail Connector (P871744)	2,780	0	0	150	0	0	0	0	0	150	2,630
Ovid Hazen Wells Recreational Park (P871745)	19,000	0	0	4,650	0	325	325	1,300	2,700	14,350	0
S. Germantown Recreational Park: Cricket Field (P871746)	2,300	0	0	2,300	75	800	925	500	0	0	2,300
Development	321,675	71,353	59,297	144,638	24,169	23,004	25,295	28,975	20,691	46,387	32,058
M-NCPPC	463,217	140,129	85,512	184,158	30,589	29,424	31,965	35,645	27,361	53,418	37,478

* = Closeout or Pending Closeout

Funding Summary by Category, Sub-Category and Revenue Source (\$000s)

Run Date: 06/21/2016 2:43 PM

Project	Funding Source	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Community Development	HIF Revolving Program	121,252	89,809	10,191	21,252	13,409	7,843	0	0	0	0
	Loan Repayment Proceeds	36,494	11,326	13,420	11,748	2,591	9,157	0	0	0	0
	Montgomery Housing Initiative Fund	4,775	2,500	2,275	0	0	0	0	0	0	0
	PAYGO	1,210	1,210	0	0	0	0	0	0	0	0
	Recordation Tax Premium	4,540	0	4,540	0	0	0	0	0	0	0
	Total Funding Sources	198,281	114,565	47,416	36,300	16,675	17,725	775	875	125	125
	Community Development Block Grant	9,277	6,278	2,999	0	0	0	0	0	0	0
	Current Revenue: General	6,937	2,491	1,146	3,300	675	725	775	875	125	125
	Current Revenue: Parking - Montgomery Hill	100	100	0	0	0	0	0	0	0	0
	Federal Aid	1,601	851	750	0	0	0	0	0	0	0
Housing (SC69)	G.O. Bonds	2,370	0	2,370	0	0	0	0	0	0	0
	PAYGO	1,210	1,210	0	0	0	0	0	0	0	0
	Total Funding Sources	21,495	10,930	7,265	3,300	675	725	775	875	125	125
	G.O. Bonds	9,725	0	9,725	0	0	0	0	0	0	0
	HIF Revolving Program	121,252	89,809	10,191	21,252	13,409	7,843	0	0	0	0
	Loan Repayment Proceeds	36,494	11,326	13,420	11,748	2,591	9,157	0	0	0	0
	Montgomery Housing Initiative Fund	4,775	2,500	2,275	0	0	0	0	0	0	0
	Recordation Tax Premium	4,540	0	4,540	0	0	0	0	0	0	0
	Total Funding Sources	176,786	103,635	40,151	33,000	16,000	17,000	0	0	0	0
	Contributions	8,478	2,405	3,323	2,750	900	200	700	500	250	200
M-NCPPC	Contributions - Other (WSSC only)	282	0	0	282	282	0	0	0	0	0
	Current Revenue: General	38,670	9,831	6,796	21,543	3,133	2,738	3,438	3,438	4,398	4,398
	Current Revenue: Park and Planning	3,235	0	1,135	2,100	350	350	350	350	350	350
	Enterprise Park and Planning	17,787	0	1,837	15,950	1,300	1,050	800	6,000	6,000	800
	Federal Aid	2,000	0	0	2,000	200	1,800	0	0	0	0
	G.O. Bonds	184,871	46,717	26,438	69,931	11,703	11,230	11,648	10,970	12,430	11,950
	Intergovernmental	750	0	0	750	500	250	0	0	0	0
	Land Sale (P&P Only)	513	0	513	0	0	0	0	0	0	0
	PAYGO	29,346	29,346	0	0	0	0	0	0	0	0
	POS-Stateside (P&P only)	200	200	0	0	0	0	0	0	0	0

Funding Summary by Category, Sub-Category and Revenue Source (\$000s)

Run Date: 06/21/2016 2:43 PM

Project	Funding Source	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Acquisition	Park and Planning Bonds	83,544	20,665	13,842	41,264	7,218	7,244	7,238	6,707	7,217	5,640 7,773
	Program Open Space	57,984	22,231	11,030	21,363	3,778	3,562	4,000	3,000	4,000	3,023 3,360
	Revenue Authority	319	319	0	0	0	0	0	0	0	0 0
	Revolving (P&P only)	23,798	0	17,798	6,000	1,000	1,000	1,000	1,000	1,000	1,000 0
	Revolving Fund - Current Revenue	920	920	0	0	0	0	0	0	0	0 0
	State Aid	1,375	1,150	0	225	225	0	0	0	0	0 0
	State Bonds (P&P only)	1,275	888	387	0	0	0	0	0	0	0 0
	State ICC Funding (M-NCPPC Only)	3,913	1,500	2,413	0	0	0	0	0	0	0 0
	TEA-21	2,368	2,368	0	0	0	0	0	0	0	0 0
	Transportation Enhancement Program	1,589	1,589	0	0	0	0	0	0	0	0 0
	Total Funding Sources	463,217	140,129	85,512	184,158	30,589	29,424	29,174	31,965	35,645	27,361 53,418
	Contributions	938	938	0	0	0	0	0	0	0	0 0
	Current Revenue: General	12,847	9,639	398	2,310	385	385	385	385	385	385 500
	G.O. Bonds	53,620	29,616	2,473	16,000	2,500	2,500	2,750	2,750	2,750	2,750 5,531
	Land Sale (P&P Only)	513	0	513	0	0	0	0	0	0	0 0
Development	PAYGO	18,780	18,780	0	0	0	0	0	0	0	0 0
	POS-Stateside (P&P only)	200	200	0	0	0	0	0	0	0	0 0
	Park and Planning Bonds	10,769	5,600	959	3,210	535	535	535	535	535	535 1,000
	Program Open Space	20,077	4,003	4,074	12,000	2,000	2,000	2,000	2,000	2,000	2,000 0
	Revolving (P&P only)	23,798	0	17,798	6,000	1,000	1,000	1,000	1,000	1,000	1,000 0
	Total Funding Sources	141,542	68,776	26,215	39,520	6,420	6,420	6,670	6,670	6,670	6,670 7,031
	Contributions	7,540	1,467	3,323	2,750	900	200	700	500	250	200 0
	Contributions - Other (WSSC only)	282	0	0	282	282	0	0	0	0	0 0
	Current Revenue: General	25,823	192	6,398	19,233	2,748	2,353	3,053	3,053	4,013	4,013 0
	Current Revenue: Park and Planning	3,235	0	1,135	2,100	350	350	350	350	350	350 0
	Enterprise Park and Planning	17,787	0	1,837	15,950	1,300	1,050	800	6,000	6,000	800 0
	Federal Aid	2,000	0	0	2,000	200	1,800	0	0	0	0 0
	G.O. Bonds	131,251	17,101	23,965	53,931	9,203	8,730	8,898	8,220	9,680	9,200 36,254
	Intergovernmental	750	0	0	750	500	250	0	0	0	0 0
	PAYGO	10,566	10,566	0	0	0	0	0	0	0	0 0

Funding Summary by Category, Sub-Category and Revenue Source (\$000s)

Run Date: 06/21/2016 2:43 PM

Project	Funding Source	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
Revenue Authority (C14)	Park and Planning Bonds	72,775	15,065	12,883	38,054	6,683	6,709	6,703	6,172	6,682	6,773
	Program Open Space	37,907	19,228	6,956	9,363	1,778	1,562	2,000	1,000	2,000	3,360
	Revenue Authority	319	319	0	0	0	0	0	0	0	0
	Revolving Fund - Current Revenue	920	920	0	0	0	0	0	0	0	0
	State Aid	1,375	1,150	0	225	225	0	0	0	0	0
	State Bonds (P&P only)	1,275	888	387	0	0	0	0	0	0	0
	State ICC Funding (M-NCPPC Only)	3,913	1,500	2,413	0	0	0	0	0	0	0
	TEA-21	2,368	2,368	0	0	0	0	0	0	0	0
	Transportation Enhancement Program	1,589	1,589	0	0	0	0	0	0	0	0
	Total Funding Sources	321,675	71,353	59,297	144,638	24,169	23,004	22,504	25,295	28,975	46,387
Golf Courses	Contributions	85	85	0	0	0	0	0	0	0	0
	Federal Aid	54,597	33,842	1,405	19,350	3,510	4,680	1,620	1,800	7,740	0
	Revenue Authority	12,918	8,500	592	3,826	1,341	1,675	280	100	430	0
	State Aid	3,033	1,880	78	1,075	195	260	90	100	430	0
	Total Funding Sources	70,633	44,307	2,075	24,251	5,046	6,615	1,990	2,000	8,600	0
	Revenue Authority	9,885	6,620	514	2,751	1,146	1,415	190	0	0	0
	Total Funding Sources	9,885	6,620	514	2,751	1,146	1,415	190	0	0	0
	Contributions	85	85	0	0	0	0	0	0	0	0
	Federal Aid	54,597	33,842	1,405	19,350	3,510	4,680	1,620	1,800	7,740	0
	Revenue Authority	3,033	1,880	78	1,075	195	260	90	100	430	0
Miscellaneous Projects (Revenue Authority)	State Aid	3,033	1,880	78	1,075	195	260	90	100	430	0
	Total Funding Sources	60,748	37,687	1,561	21,500	3,900	5,200	1,800	2,000	8,600	0
	Aging Schools Program	6,964	6,361	603	0	0	0	0	0	0	0
	Contributions	5,907	5,862	45	0	0	0	0	0	0	0
	Current Revenue: General	223,288	98,240	5,185	119,863	25,966	24,702	19,181	17,112	16,455	16,447
	Current Revenue: Recordation Tax	580,421	182,506	24,215	373,700	51,911	58,106	61,104	62,678	67,608	72,293
	Federal Aid	16,024	16,024	0	0	0	0	0	0	0	0
	Federal Stimulus	1,624	1,624	0	0	0	0	0	0	0	0
	G.O. Bonds	1,853,999	719,632	145,462	714,429	142,802	118,928	163,107	141,413	91,921	56,258
	PAYGO	375	375	0	0	0	0	0	0	0	0
Montgomery County Public Schools	Contributions	375	375	0	0	0	0	0	0	0	0
	Federal Aid	54,597	33,842	1,405	19,350	3,510	4,680	1,620	1,800	7,740	0
	Revenue Authority	3,033	1,880	78	1,075	195	260	90	100	430	0
	State Aid	3,033	1,880	78	1,075	195	260	90	100	430	0
	Total Funding Sources	60,748	37,687	1,561	21,500	3,900	5,200	1,800	2,000	8,600	0
	Aging Schools Program	6,964	6,361	603	0	0	0	0	0	0	0
	Contributions	5,907	5,862	45	0	0	0	0	0	0	0
	Current Revenue: General	223,288	98,240	5,185	119,863	25,966	24,702	19,181	17,112	16,455	16,447
	Current Revenue: Recordation Tax	580,421	182,506	24,215	373,700	51,911	58,106	61,104	62,678	67,608	72,293
	Federal Aid	16,024	16,024	0	0	0	0	0	0	0	0

SEWERAGE BI-COUNTY

Blue Plains WWTP: Biosolids Management, Part 2

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S-22.07	954812	Change

PDF Date	October 1, 2016
Date Revised	April 29, 2016

Pressure Zones	BI-County 30;
Drainage Basins	BI-County;
Planning Areas	

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	145,464	133,741	4,946	6,080	1,168	832	572	1,086	1,547	885	697
Land											
Site Improvements & Utilities											
Construction	300,874	263,593	12,972	23,900	2,812	2,675	5,431	4,055	6,984	1,933	409
Other	489		179	299	40	35	60	51	85	28	11
Total	446,827	397,334	18,097	30,279	4,010	3,542	6,083	5,192	8,626	2,848	1,117

C. Funding Schedule (000's)

WSSC Bonds	422,300	375,523	17,104	28,617	3,790	3,348	6,730	4,907	8,152	2,690	1,066
City of Rockville	24,527	21,811	993	1,662	220	194	333	285	474	156	61

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC's share of the Blue Plains biosolids handling projects for which construction began after June 30, 1993. Major projects include: new Digestion Facilities; Gravity Thickener Facilities; and Solids Processing Building/Dewatered Sludge Loading Facility.

JUSTIFICATION

This project is needed to implement a set of facilities which will provide a permanent biosolids management program for Blue Plains.

The Blue Plains Interim Municipal Agreement of 2012; the DCWASA Master Plan (1998); EPMC IV Facility Plan, CH2MHILL (2001); the Biosolids Management at DCWASA Blue Plains Wastewater Treatment Plant Phase II - Design and Cost Considerations for Treatment Alternatives Report (December 2007); and the DCWASA Approved FY 2017 Capital Improvement Program.

COST CHANGE

Not applicable

OTHER

The project scope has remained the same. Project costs are derived from the DCWASA Capital & Operating Budget 10-year forecast of spending and DCWASA's latest project management data, and fully reflect DCWASA's current cost estimates and expenditure schedules. Given the open-ended nature of the Blue Plains projects, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. Portions of the program have been financed by low interest loans through the Maryland Department of the Environment's Water Quality Administration State Revolving Loan Program. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

Coordinating Agencies: City of Rockville; (responsible for a share of funding); District of Columbia Water and Sewer Authority; (responsible for design and construction)
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff	FY of Impact
Maintenance	
Other Project Costs	
Debt Service	\$29,057
Total Cost	\$29,057
Impact on Water and Sewer Rate	\$0.66

F. Approval and Expenditure Data (000's)

Date First In Program	FY 96
Date First Approved	FY 96
Initial Cost Estimate	77,296
Cost Estimate Last FY	409,909
Present Cost Estimate	446,827
Approved Request Last FY	4,558
Total Expense & Encumbrances	397,334
Approval Request Year 1	4,010

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	
Est Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	370 MGD

H. Map

MAP NOT AVAILABLE

Blue Plains WWTP: Enhanced Nutrient Removal

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S-22-10	033800	Change

PDF Date	October 1, 2015
Date Revised	April 29, 2016

Pressure Zones	BI-County 30;
Drainage Basins	BI-County 30;
Planning Areas	BI-County;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	107,503	74,524	11,140	20,994	8,613	6,376	2,348	2,097	805	255	845
Land											
Site Improvements & Utilities											
Construction	289,923	173,665	48,138	66,808	38,354	27,236	1,105	84	23	6	1,292
Other	1,493	879	593	879	470	336	40	22	8	3	21
Total	398,919	248,209	59,871	88,681	47,437	33,948	3,993	2,203	836	264	2,168

C. Funding Schedule (000's)

WSSC Bonds	173,373	80,028	33,562	57,743	30,964	23,838	1,586	847	324	184	2,040
State Aid	215,482	163,538	24,360	27,584	14,675	8,725	2,316	1,307	493	69	0
City of Rockville	10,064	4,843	1,949	3,354	1,798	1,385	92	49	19	11	118

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC's share of the Blue Plains Enhanced Nutrient Removal projects required to achieve nutrient removal to levels below BNR levels to meet the Chesapeake Bay water quality targets determined in the 2005 Tributary Strategies Process and DC Water's 2010 NPDES permit. Major projects include: Enhanced Nitrogen Removal North, Enhanced Clarification Facilities, Enhanced Nitrogen Removal Facilities, Biosolids Filtrate Treatment Facilities, and Wet Weather Mitigation; Diversion at Bolling and Tunnel Dewatering Pump Station.

JUSTIFICATION

The funding schedule reflects the final cost sharing agreement with the Maryland Department of the Environment.

Chesapeake Bay Program Tributary Strategies Process (2005); Blue Plains Strategic Process Study, Metcalf & Eddy (2005); Selection of the Enhanced Nitrogen Removal Process Alternative for the Blue Plains Advanced Wastewater Treatment Facility, Metcalf & Eddy (2009); DCWASA Approved FY 2017 Capital Improvement Program, and the Blue Plains Intermunicipal Agreement of 2012.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. Project costs are derived from the DCWASA Capital & Operating Budget 10-year forecast and latest project management data, and reflect DCWASA's current expenditure estimates and schedules. Total Nitrogen Secondary Treatment Upgrades will take place after 2021. Projects extending beyond those supported by State Aid include rehabilitation and upgrades to older projects. Portions of the program have been financed by low interest loans through the Maryland Department of the Environment's Water Quality Administration State Revolving Loan Program. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; U.S. Environmental Protection Agency, Region III; District of Columbia Water and Sewer Authority; (responsible for design and construction); City of Rockville; (responsible for a share of funding)
Coordinating Projects: S-22-06-Blue Plains WWTP; Liquid Train Projects; Part 2.

E. Annual Operating Budget Impact (000's)

FY of Impact	
Staff	
Maintenance	
Other Project Costs	
Debt Service	\$11,929
Total Cost	\$11,929
Impact on Water and Sewer Rate	\$0.27

F. Approval and Expenditure Data (000's)

Date First In Program	FY 08
Date First Approved	FY 07
Initial Cost Estimate	648
Cost Estimate Last FY	388,171
Present Cost Estimate	398,919
Approved Request Last FY	65,284
Total Expense & Encumbrances	248,209
Approval Request Year 1	47,437

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	
Est Completion Date	On-Going

Growth

System Improvement	
Environmental Regulation	
Population Served	100%
Capacity	370 MGD

H. Map

MAP NOT AVAILABLE

Blue Plains WWTP: Liquid Train Projects, Part 2

A. Identification and Coding Information			PDF Date	October 1, 2015
Agency Number	Project Number	Update Code	Date Revised	April 29, 2016
S-22.08	954811	Change		

Pressure Zones		Bi-County 30;
Drainage Basins	Planning Areas	Bi-County;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	118,987	99,143	4,313	14,361	2,952	3,314	2,810	2,495	1,690	1,100	1,170
Land											
Site Improvements & Utilities											
Construction	239,106	157,836	5,311	68,078	9,006	12,809	16,450	12,640	7,460	9,713	7,881
Other	1,012		96	825	120	161	193	151	92	108	91
Total	359,105	256,979	9,720	83,264	12,078	16,284	19,453	15,286	9,242	10,921	9,142

C. Funding Schedule (000's)

WSSC Bonds	339,392	242,872	9,166	78,694	11,415	16,390	18,385	14,447	8,735	10,322	8,640
City of Rockville	19,713	14,107	534	4,570	663	894	1,088	839	507	599	502

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC's share of Blue Plains liquid train projects for which construction began after June 30, 1993. Major projects include: Dual Purpose Sedimentation Basins Rehabilitation, Headworks HVAC Rehabilitation, Raw Wastewater Pumping Station No. 2, Primary Treatment Facilities Phase II, and Grit Chamber Facilities Phase II.

JUSTIFICATION

This is a continuation of the DCWASA's upgrading of the Blue Plains Wastewater Treatment Plant.

The Blue Plains Intermunicipal Agreement of 2012; the DCWASA Master Plan (1998); and the DCWASA Approved FY 2017 Capital Improvements Program.

COST CHANGE

Cost Increase is primarily due to the addition of new projects for Replace/Upgrade Primary Treatment Mechanisms, Grit Chambers 1 & 2 Upgrades, Secondary East & West Upgrades, and Nitrification Reactor/Sedimentation Upgrades.

OTHER

The project scope has remained the same. Project costs are derived from the DCWASA Capital & Operating Budget 10-year forecast of spending and DCWASA's latest project management data, and fully reflect DCWASA's current cost estimates and expenditure schedules. Given the open-ended nature of the Blue Plains projects, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

Coordinating Agencies: District of Columbia Water and Sewer Authority; (responsible for design and construction); City of Rockville; (responsible for a share of funding)

Coordinating Projects: S-22.10-Blue Plains WWTP: Enhanced Nutrient Removal;

E. Annual Operating Budget Impact (000's)

Staff	FY of Impact
Maintenance	
Other Project Costs	
Debt Service	\$23,352
Total Cost	\$23,352
Impact on Water and Sewer Rate	\$0.52

F. Approval and Expenditure Data (000's)

Date First In Program	FY 86
Date First Approved	FY 95
Initial Cost Estimate	69,745
Cost Estimate Last FY	345,636
Present Cost Estimate	359,105
Approved Request Last FY	8,008
Total Expense & Encumbrances	256,979
Approval Request Year 1	12,078

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	
Est Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	370 MGD

H. Map

MAP NOT AVAILABLE

Blue Plains: Pipelines & Appurtenances

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
S-22-11	113804	Change	

PDF Date	October 1, 2015
Date Revised	April 29, 2015

Pressure Zones		Bl-County 30:	
Drainage Basins		Bl-County:	
Planning Areas			

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 5 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	40,382	16,986	4,565	16,896	4,683	3,463	1,632	1,171	2,906	3,041	1,935
Land											
Site Improvements & Utilities											
Construction	135,066	53,034	8,022	55,739	12,242	9,752	8,249	8,645	9,177	10,774	14,471
Other	1,054		134	756	169	132	99	97	121	138	164
Total	175,502	70,020	13,521	76,391	17,094	13,347	9,980	9,813	12,204	13,953	16,570

C. Funding Schedule (000's)

WSSC Bonds:	169,977	67,219	13,205	73,644	16,575	12,850	9,489	9,499	11,759	13,472	14,909
City of Rockville:	7,525	2,801	316	2,747	519	497	491	314	445	481	1,661

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC's share of Blue Plains-associated projects which are "outside the fence" of the treatment plant. Major projects include: A new headquarters building; Potomac Interceptor Rehabilitation; Upper Potomac Sewage Pumping Station Rehabilitation; Influent Sewers Rehabilitation; and projects associated with the Combined Sewer Overflow (CSO) Long Term Control Plan (e.g. Anacostia Tunnel).

JUSTIFICATION

This is a continuation of DCWASA's upgrading of the Blue Plains-associated projects outside the fence.

The Blue Plains Inter-municipal Agreement of 2012; the WASA Master Plan (1998); Technical Memorandum No. 1, Multi-Jurisdictional Use Facilities Capital Cost Allocation, (June 2013); and the DCWASA Approved FY 2017 Capital Improvement Program.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. Project costs are derived from the DC-WASA Capital & Operating Budget 10-year forecast and latest project management data, and reflect WASA's current expenditure estimates and schedules. Given the open-ended nature of the project, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. The funding schedule also indicates the calculated Rockville share of the cost which varies by project based on the City's relative share of WSSC's flow as derived in the Multi-jurisdiction Use Facilities Study.

COORDINATION

Coordinating Agencies: City of Rockville; (responsible for a share of funding); District of Columbia Water and Sewer Authority; (responsible for design and construction)
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$11,627	
Total Cost	\$11,627	
Impact on Water and Sewer Rate	\$0.26	

F. Approval and Expenditure Data (000's)

Date First In Program		FY 11
Date First Approved		FY 02
Initial Cost Estimate		102,833
Cost Estimate Last FY		178,731
Present Cost Estimate		176,502
Approved Request Last FY		22,007
Total Expense & Encumbrances		70,020
Approval Request Year 1		17,094

G. Status Information

Land Status:	Not Applicable
Project Phase:	On-Going
Percent Complete:	
Est Completion Date:	On-Going

H. Map

Growth	
System Improvement	45%
Environmental Regulation	55%
Population Served	
Capacity	

MAP NOT AVAILABLE

Blue Plains WWTP: Plant-wide Projects

A. Identification and Coding Information			PDF Date	October 1, 2015
Agency Number	Project Number	Update Code	Date Revised	April 29, 2016
S-22.09	023805	Change		

Pressure Zones	BI-County 30;
Drainage Basins	BI-County;
Planning Areas	

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'16	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	95,747	74,388	2,427	16,021	2,398	1,547	1,335	4,105	4,018	2,620	2,911
Land											
Site Improvements & Utilities											
Construction	205,640	118,074	6,270	55,872	5,764	6,728	9,142	14,757	10,197	9,284	26,424
Other	1,100		87	720	82	83	105	189	142	119	293
Total	303,487	192,462	8,784	72,613	8,242	8,358	10,582	19,061	14,357	12,023	29,628

C. Funding Schedule (000's)

WSSC Bonds	286,828	181,897	8,302	68,627	7,790	7,899	10,001	18,005	13,589	11,363	28,002
City of Rockville	16,659	10,565	482	3,986	452	459	581	1,048	788	660	1,626

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC's share of Blue Plains plant-wide projects for which construction began after June 30, 1993. Major projects include: New Warehouse/Visitor Center/Security Facility, Electrical Power System, and Instrumentation and Control Engineering Program Management.

JUSTIFICATION

This is a continuation of the DCWASA's upgrading of the Blue Plains Wastewater Treatment Plant.

The Blue Plains Intermunicipal Agreement of 2012; the WASA Master Plan (1998); and the DCWASA-Approved FY 2017 Capital Improvement Program.

COST CHANGE

Cost increased for new major projects including Hydrogen Sulfide Mitigation, Roofing Upgrades, and Chemical System/Building Upgrades.

OTHER

The project scope has remained the same. Project costs are derived from the DCWASA Capital & Operating Budget 10-year forecast and latest project management data, and reflect DCWASA's current expenditure estimates and schedules. Given the open-ended nature of the project, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

Coordinating Agencies: City of Rockville; (responsible for a share of funding); District of Columbia Water and Sewer Authority; (responsible for design and construction)
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff	FY of Impact
Maintenance	
Other Project Costs	
Debt Service	\$19,735
Total Cost	\$19,735
Impact on Water and Sewer Rate	\$0.44

F. Approval and Expenditure Data (000's)

Date First In Program	FY 95
Date First Approved	FY 02
Initial Cost Estimate	84,650
Cost Estimate Last FY	286,513
Present Cost Estimate	303,487
Approved Request Last FY	5,977
Total Expense & Encumbrances	192,462
Approval Request Year 1	8,242

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	
Est Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	370 MGD

H. Map

MAP NOT AVAILABLE

Land & Rights-of-Way Acquisition - Bi-County Sewer

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
S-203.00	163800	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision											
Land	204		20	184	122	22	10	10	10	10	
Site Improvements & Utilities											
Construction											
Other											
Total	204		20	184	122	22	10	10	10	10	

C. Funding Schedule (000's)

WSSC Bonds	180	20	160	110	10	10	10	10	10	10	
Contribution/Other	24		24	12	12						

D. Description & Justification

DESCRIPTION

This PDF provides a consolidated estimate of funding for the acquisition of land and rights-of-way for sewer projects. Expenditures are programmed based upon anticipated schedules and are required for the completion of those specific projects. These costs do not include purchases which have already been completed.

JUSTIFICATION

Consolidation of expenditures for land and rights-of-way acquisitions provides flexibility in expending funds in a specific fiscal year and permits the WSSC to respond to the uncertainty of project-specific implementation schedules. Other considerations include the accommodation of unpredictable delays which impact the timing of a planned purchase, unanticipated rights-of-way requirements due to minor alignment changes identified late in the design phase, and the need to assure the WSSC an equitable negotiation position by avoiding project-specific cost displays prior to contacting property owners.

Acquisition needs are determined by the WSSC and are based upon facility planning efforts, alignment studies, field surveys, realignments required by other agencies, or requirements identified within the Development Services Process.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same.Expenditure and schedule projections shown in Block B are estimates only and may change based upon actual negotiations. When purchases are complete, the actual cost will be displayed in the expenditure schedule on the appropriate project.

COORDINATION

Coordinating Agencies: Not Applicable
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$12	23
Total Cost	\$12	23
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program		FY 98
Date First Approved		FY 98
Initial Cost Estimate		
Cost Estimate Last FY		424
Present Cost Estimate		204
Approved Request Last FY		112
Total Expense & Encumbrances		
Approval Request Year 1		122

G. Status Information

Land Status	Land and RW to be acquired
Project Phase	Not Applicable
Percent Complete	
Est Completion Date	Not Applicable

Growth		12%
System Improvement		88%
Environmental Regulation		
Population Served		
Capacity		

H. Map

MAP NOT APPLICABLE

Piscataway WWTP Bio-Energy Project

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S-103.02	153802	Change

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	23,922	1,362	950	21,610	4,050	4,120	6,150	6,300	990		
Land											
Site Improvements & Utilities											
Construction	113,300			113,300		8,500	39,500	46,500	18,800		
Other	6,798		48	6,750	204	632	2,284	2,640	990		
Total	144,020	1,362	998	141,660	4,254	13,252	47,934	55,440	20,780		

C. Funding Schedule (000's)

WSSC Bonds	72,120	791	499	70,830	2,127	6,626	23,967	27,720	10,390		
Federal Aid	71,900	571	499	70,830	2,127	6,626	23,967	27,720	10,390		

D. Description & Justification

DESCRIPTION

This project will develop a comprehensive program for the engineering, design, construction, maintenance, and monitoring and verification necessary to add sustainable energy equipment and systems to produce biogas and electricity at Piscataway WWTP. The program will provide a reduction in energy and energy-related costs (electricity, natural gas, transportation, and disposal of biosolids) which may in part be guaranteed by the contractor. The potential guaranteed reduction component includes annual avoided energy costs as well as operations and maintenance, chemicals, and biosolids transportation and disposal costs. The program will enhance existing operating conditions and reliability while continuing to meet all permit requirements, and ensure a continued commitment to environmental stewardship at WSSC sites. The scope of work will include, but is not limited to, the addition of anaerobic digestion equipment, thermal hydrolysis pretreatment equipment, gas cleaning systems, hydrogen sulfide and siloxane removal, tanks, piping, valves, pumps, sludge dewatering/thickening equipment, grit removal, effluent disinfection systems, instrumentation, flow metering, power measurement, and combined heat and power generation systems.

JUSTIFICATION

In March 2009, the WSSC received approval for a federal Department of Energy grant of \$570,900 for the feasibility study/conceptual design phase. On June 16, 2010, the WSSC awarded the study contract to AECOM Technical Services, Inc., of Laurel, Maryland. The study was completed in December 2011, and the Thermal Hydrolysis/Mesophilic Anaerobic Digestion/Combined Heat & Power facility was recommended to be constructed and was presented to the Commission in April 2012. Since April 2012 WSSC staff members have met with and made presentations to Montgomery County Department of Environmental Protection Prince George's County Department of Environmental Resources staff both County Councils and DC Water in order to gain support for the project.

Since April 2012, WSSC staff members have met with and made presentations to Montgomery County Department of Environmental Protection, Prince George's County Department of Environmental Resources staff, both County Councils, and DC Water, in order to gain support for the project. The EPA is urging wastewater utilities to utilize this commercially available technology (anaerobic digestion) to produce power at a cost below retail electricity, displace purchased fuels for thermal needs, produce renewable fuel for green power programs, enhance power reliability for the wastewater treatment plant to prevent sanitary sewer overflows, reduce biosolids production and improve the health of the Chesapeake Bay, and to reduce greenhouse gas (GHG) and other air pollutants. In April 2009, the EPA announced that greenhouse gases contributed to air pollution that may endanger public health or welfare, and began proceedings to regulate CO2 under the Clean Air Act. In June 2014, the EPA announced a proposed rule to reduce carbon emissions from power plants by 30% by 2030, compared to the levels in 2005. Based on AECOM's feasibility study work as of May 2011, a regional/centralized plant at a location to be determined based on a Thermal Hydrolysis/Mesophilic Anaerobic Digestion/Combined Heat & Power (TH/MAD/CHP) process supplemented by restaurant grease fuel design was recommended.

The environmental benefits and expected outcomes determined from the feasibility study are estimated as follows: 1. Recover 2-3 MW of renewable energy from biomass 2. Reduce Greenhouse Gas production by 11,800 tons/year 3. Reduce biosolids output by more than 50,500 tons/year 4. Reduce lime demand by 4,100 tons/year 5. Reduce nutrient load to the Chesapeake Bay 6. Reduce 5 million gallons/year of grease discharge to sewers 7. Produce Class A Biosolids

The economic benefits determined from the feasibility study are estimated as follows: 1. Recover more than \$1.5 million of renewable energy costs/year 2. Reduce biosolids disposal costs by ~ \$1.7 million/year 3. Reduce chemical costs by ~ \$500,000/year 4. Hedge against rising costs of power fuel and chemicals 5. Net Payback over time (net based on capital cost of TH/MAD/CHP minus capital cost of lime stabilization upgrade of WSSC WWTP facilities through 2030) (Any Federal Aid received would shorten the payback period).

E. Annual Operating Budget Impact (000's)

FY of Impact	
Staff	
Maintenance	
Other Project Costs	
Debt Service	\$4,962
Total Cost	\$4,962
Impact on Water and Sewer Rate	\$0.11

F. Approval and Expenditure Data (000's)

Date First in Program	FY 15
Date First Approved	FY 10
Initial Cost Estimate	345
Cost Estimate Last FY	144,019
Present Cost Estimate	144,020
Approved Request Last FY	14,276
Total Expense & Encumbrances	1,362
Approval Request Year 1	4,254

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	0%
Est Completion Date	June 2021

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT AVAILABLE

Piscataway WWTP Bio-Energy Project

Plans & Studies: Appel Consultants, Urban Waste Grease Resource Assessment-NREL (November 1998); Environmental Protection Agency (EPA), Opportunities For and Benefits Of Combined Heat and Power at Wastewater Treatment Facilities (December 2006); Brown & Caldwell, Anaerobic Digestion and Electric Generation Options for WSSC (November 2007); Metcalf & Eddy, WSSC Sludge Digestion Study for Piscataway and Seneca (December 2007); Black & Veatch, WSSC Digester Scope and Analysis (December 2007); JMT, Prince George's County Septage (FOG) Discharge Facility Study (February 2008); JMT, Western Research Institute (WRI) Biogas Feasibility Study Scope of Work - WSSC (April 2008); JMT, Montgomery County Septage (FOG) Discharge Facility Study (January 2010); Facility Plan for the Rock Creek Wastewater Treatment Plant (January 2010); AECOM Technical Services, Inc., Anaerobic Digestion/Combined Heat & Power Study (December 2011, Executive Summary Revised May 2013).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. Now that the feasibility study has been completed, the Commission has a defined scope, capital cost, and energy and energy-related cost savings estimates to be able to proceed with the detailed design and construction of the anaerobic digestion, biomass, and combined heat and power generation system facilities for treating all biosolids from WSSC's Damascus, Seneca, Parkway and Piscataway WWTPs. The Montgomery and Prince George's County Councils have been briefed on the project and approved by resolution on November 25, 2014, and September 9, 2014, respectively, so the project can proceed. It is envisioned that either the entire project, or only portions of the project that include the thermal hydrolysis, anaerobic digestion or combined heat and power, include a guarantee by the contractor that the capital cost will be paid back 100% from energy and energy-related cost savings over time. The energy savings for other completed WSSC Energy Performance projects have surpassed the contracts' guaranteed amount every year of the monitoring and verification period. The WSSC will continue to pursue federal capital funding as a source of cost sharing as the project develops. Any Federal Aid received would shorten the payback period. The funding schedule reflects 50% Federal participation. The project name was updated to reflect the final site location at the Piscataway WWTP.

COORDINATION

Coordinating Agencies: Montgomery County Government; Prince George's County Government; Maryland-National Capital Park & Planning Commission; (Mandatory Referral Process); Montgomery County Department of Environmental Protection; Maryland Department of the Environment; Chesapeake Bay Critical Areas;

Coordinating Projects: S-96.14-Piscataway WWTP Facility Upgrades;

Septage Discharge Facility Planning & Implementation

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
S-170.08	103802	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	3,965	919	683	2,363	440	999	587	253	84		
Land											
Site Improvements & Utilities											
Construction	9,280			9,280	1,792	2,390	2,848	1,888	562		
Other	1,233		68	1,165	223	339	344	194	65		
Total	14,478	919	751	12,808	2,455	3,728	3,779	2,135	711		

C. Funding Schedule (000's)

WSSC Bonds	14,478	919	751	12,808	2,455	3,728	3,779	2,135	711		
------------	--------	-----	-----	--------	-------	-------	-------	-------	-----	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design and construction of new Septage and Fats, Oils, Grease (FOG) discharge facilities at two locations: (1) the abandoned Rock Creek WWTP, and (2) Anacostia WWPS No. 2; and new Septage discharge facilities at Piscataway WWTP.

JUSTIFICATION

Currently septage waste is collected at four locations: Muddy Branch Road Disposal Site in Montgomery County, Temple Hill Road Disposal Site, Ritchie Road Disposal Site and Bladensburg Disposal Site in Prince George's County. The types of waste collected are as follows: Septic Tank Pump-Out (Sludge), Waste Holding Tank Discharge (Gray Water), Grease Trap Pump Out (FOG), Bus Holding Tank Discharge (Sewage and Chemicals), Small Food Service Providers (Low Volume FOG Waste), and Hazardous Materials. FOG wastes should not be discharged to the Commission's sewerage system without treatment.

Septage Discharge Facility Study for Montgomery County: Final Report, JMT (July 2012); Septage Discharge Facility Study for Prince George's County: Final Report, JMT (July 2012).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The expenditures and schedule projections shown in Block B are planning level estimates and may change depending on site-specific conditions and design constraints. The design of the facilities at the Piscataway WWTP will be delayed until the design of the Piscataway WWTP Bio-Energy project is 30% complete.

COORDINATION

Coordinating Agencies: Montgomery County Government; Prince George's County Government; Maryland-National Capital Park & Planning Commission; (Mandatory Referral) Montgomery County Department of Environmental Protection; Prince George's County Department of Environmental Resources; Prince George's County Health Department;

Coordinating Projects: S-103.02-Piscataway WWTP Bio-Energy Project;

E. Annual Operating Budget Impact (000's)

Staff		\$750	22	FY of Impact
Maintenance				
Other Project Costs		\$482	22	
Debt Service		\$996	22	
Total Cost		\$2,228	22	
Impact on Water and Sewer Rate		\$0.05	22	

F. Approval and Expenditure Data (000's)

Date First in Program		FY 10
Date First Approved		FY 10
Initial Cost Estimate		10,835
Cost Estimate Last FY		14,374
Present Cost Estimate		14,478
Approved Request Last FY		758
Total Expense & Encumbrances		919
Approval Request Year 1		2,455

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	15%
Est Completion Date	July 2020

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

Trunk Sewer Reconstruction Program

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
S-170.09	113805	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	BI-County 30;
Drainage Basins	
Planning Areas	BI-County;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	174,416	50,830	20,571	103,015	30,769	31,598	12,855	12,026	8,712	7,055	
Land											
Site Improvements & Utilities											
Construction	563,645	150,745	74,500	338,400	102,000	89,900	49,800	46,900	35,300	14,500	
Other	51,999		10,286	41,713	12,752	13,166	5,295	4,881	3,224	2,395	
Total	790,060	201,575	105,357	483,128	145,521	134,664	67,950	63,807	47,236	23,950	

C. Funding Schedule (000's)

WSSC Bonds	790,060	201,575	105,357	483,128	145,521	134,664	67,950	63,807	47,236	23,950
------------	---------	---------	---------	---------	---------	---------	--------	--------	--------	--------

D. Description & Justification

DESCRIPTION

The Trunk Sewer Reconstruction Program provides for the inspection, evaluation, planning, design and construction required for the rehabilitation of sewer mains and their associated manholes in environmentally sensitive areas (ESA). This includes both trunk sewers 15-inches in diameter and greater, along with associated smaller diameter pipe less than 15-inches in diameter. The smaller diameter pipe is included due to its location within the ESA.

JUSTIFICATION

Under the terms of the Consent Decree the WSSC Trunk Sewer Inspection Program inspected all required sewers in 21 basins by December 2010 and completed Sewer System Evaluation Surveys (SSES) for 9 basins. WSSC shall conduct rainfall, groundwater and flow monitoring to determine flow/infiltration (I/I) rates and identify areas of limited capacity through collection system modeling. Where appropriate, WSSC shall use additional means to identify sources of I/I, including CCTV, smoke and/or dye testing. All the Trunk Sewer Inspections, SSES work and other related collection system evaluations are complete. Due to the delay in receiving permits, as well as Right-of-Entry permissions and subcontractor availability, trunk sewer reconstruction work is expected to extend beyond the Consent Decree's December 2015 deadline. All USACE and MDE permits have been received. WSSC Sanitary Sewer Overflow Consent Decree (December 7, 2005).

COST CHANGE

The increase in the overall program costs is attributed to the addition of the 102-inch diameter Anacostia pressure sewer rehabilitation project, partially offset by revised lower estimates for work within the ESA and a reduction in the Other cost calculation. An assessment of the pressure sewer first began in 2011 following an inquiry from Prince George's County and the Army Corps of Engineers due to its crossing a levee under their jurisdiction.

OTHER

The project scope has remained the same. Reconstruction work will include: reduction of I/I; replacement of substandard sewer segments; in situ lining of sewer segments; pipeline and manhole protection; rebuilding of manholes; and correction of structural defects and poor alignment. The reconstruction work in each sewer basin will be prioritized to most effectively prevent SSOs and backups. The Consent Decree requires that all rehabilitation work be substantially complete by December 5, 2015. WSSC is negotiating with U.S. Environmental Protection Agency, U.S. Department of Justice, and Maryland Department of the Environment on a Consent Decree extension. All construction contracts for ESA work have been awarded and the approved amounts have been utilized in the current budget projections. As actual construction progresses the projections may be updated. Beginning in FY 2015, construction work has increased in the ESAs as a majority of the work was released for construction. Most of the upfront costs are associated with the construction of access roads and by-pass pumping. After completion of a majority of the Priority 1 construction activities associated with the Consent Decree, Phase 2 work (Priority 2 & 3 plus any newly identified Priority 1) is programmed at roughly five miles per year. Land costs are included in WSSC Project S-203.00.

COORDINATION

Coordinating Agencies: Maryland State Highway Administration; Montgomery County Department of Public Works and Transportation; Maryland-National Capital Park & Planning Commission; National Park Service; Maryland Department of the Environment; Maryland Department of Natural Resources; (Critical Area Commission, FSD Approval Forest Conservation/Reforestation Rare, Threatened or Endangered Species) Prince George's County Department of Permitting Inspection and Enforcement; U.S. Army Corps of Engineers; U.S. Environmental Protection Agency, Region III; Maryland Historical Trust; Coordinating Projects: S-1.01-Sewer Reconstruction Program;

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$54,360	23
Total Cost	\$54,360	23
Impact on Water and Sewer Rate	\$1.21	23

F. Approval and Expenditure Data (000's)

Date First in Program		FY 11
Date First Approved		FY 11
Initial Cost Estimate		504,993
Cost Estimate Last FY		747,314
Present Cost Estimate		790,060
Approved Request Last FY		191,866
Total Expense & Encumbrances		201,575
Approval Request Year 1		145,521

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	Construction
Percent Complete	31%
Est Completion Date	See Block D

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

SEWARAGE MONTGOMERY COUNTY

Cabin Branch Wastewater Pumping Station

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S-84.60	023807	Change

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	Seneca Creek 15;
Planning Areas	Clarksburg & Vicinity PA 13;

B. Expenditure Schedule (000's)

Cost Elements		Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision		483	12	11	460	75	315	70			
Land											
Site Improvements & Utilities											
Construction		1,555			1,555	315	1,047	193			
Other		304		2	302	59	204	39			
Total		2,342	12	13	2,317	449	1,566	302			

C. Funding Schedule (000's)

Contribution/Other	2,342	12	13	2,317	449	1,566	302			
--------------------	-------	----	----	-------	-----	-------	-----	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of a 0.9 MGD wastewater pumping station. This wastewater pumping station is projected to serve new development in Stage 3 of the Clarksburg planning area west of I-270.

JUSTIFICATION

The Cabin Branch neighborhood includes Clarksburg Triangle and other Stage 3 properties west of I-270 and east of Clarksburg Road.

Clarksburg Master Plan and Hyattstown Special Study Area (1994); Montgomery County Council Resolution Number 14-772; Water and Sewer Plan Service Area Map Amendments for the Clarksburg Master Plan Area (Adopted February 13, 2001); Clarksburg Stages 3 and 4 Area Facility Plan, Rodgers Consulting (December 2004); Cabin Branch - Amended Phase I Letter of Findings #6 (September 2013)

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The expenditures and schedule projections shown in Block B are based upon information provided by the developer. Estimated completion date is developer dependent. No WSSC rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland-National Capital Park & Planning Commission; Montgomery County Department of Environmental Protection; (Non-Tidal Wetlands Permit) Maryland Department of Natural Resources; U.S. Fish and Wildlife Service; Maryland Department of the Environment; Montgomery County Government;

Coordinating Projects: S-84.61-Cabin Branch WWPS Force Main;

E. Annual Operating Budget Impact (000's)

FY of Impact	
Staff	
Maintenance	
Other Project Costs	
Debt Service	
Total Cost	
Impact on Water and Sewer Rate	

F. Approval and Expenditure Data (000's)

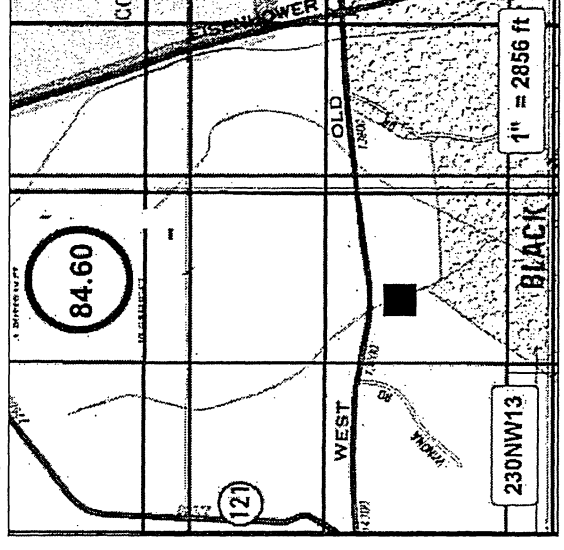
Date First in Program		FY 02
Date First Approved		FY 02
Initial Cost Estimate		22
Cost Estimate Last FY		2,342
Present Cost Estimate		2,342
Approved Request Last FY		449
Total Expense & Encumbrances		12
Approval Request Year 1		449

G. Status Information

Land Status		Not Applicable
Project Phase		Planning
Percent Complete		95%
Est Completion Date		Developer Dependent

Growth		100%
System Improvement		
Environmental Regulation		
Population Served		1,550
Capacity		0.9 MGD

H. Map



Cabin Branch WWPS Force Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S-84.61	023808	Change

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	90		15	75	27	45	3				
Land											
Site Improvements & Utilities											
Construction	279			279	97	164	18				
Other	55		2	53	19	31	3				
Total	424		17	407	143	240	24				

C. Funding Schedule (000's)

Contribution/Other	424	17	407	143	240	24		
--------------------	-----	----	-----	-----	-----	----	--	--

D. Description & Justification

DESCRIPTION	DATE	AMOUNT	REMARKS
...

This project provides for the planning, design, and construction of 2,000 feet of 10-inch diameter force main downstream of the Cabin Branch Wastewater Pumping Station. The wastewater pumping station and force main will provide service to new development in Stage 3 of the Clarksburg planning area, west of I-270.

JUSTIFICATION

The Cabin Branch neighborhood includes Clarksburg Triangle and other Stage 3 properties west of I-270 and east of Clarksburg Road.

Clark County, Montana, has submitted numerous planning, management, and other requests for a proposed water conservation program. The Clark County Council has approved the following:

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The expenditures and schedule projections shown in Block B are based upon information provided by the developer. Estimated completion date is developer dependent. No WSSC rate supported debt will be used for this project. Land costs are included in WSSC Project S-203.00.

COORDINATION

Coordinating Agencies: Maryland-National Capital Park & Planning Commission; Montgomery County Department of Environmental Protection; Maryland Department of the Environment; (Non-Tidal Wetlands Permit) Maryland Department of Natural Resources; U.S. Fish and Wildlife Service;

Coordinating Projects: S-84.47-Clarksburg Triangle Outfall Sewer, Part 2; S-84.60-Cabin Branch Wastewater Pumping Station;

E. Annual Operating Budget Impact (000's)

FY of Impact	
Staff	
Maintenance	\$29
Other Project Costs	
Debt Service	
Total Cost	\$29
Impact on Water and Sewer Rate	

F. Approval and Expenditure Data (000's)

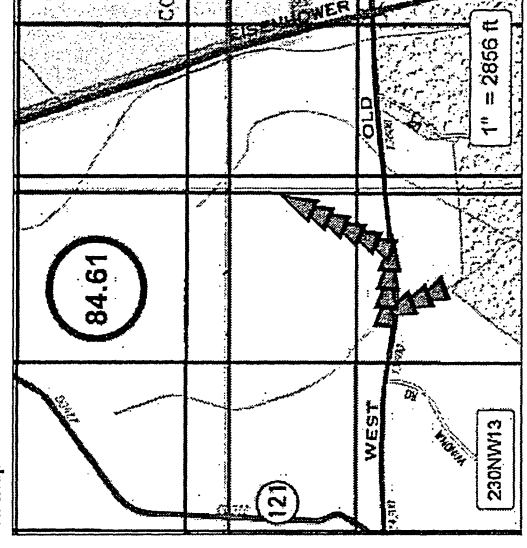
Date First in Program	FY 02
Date First Approved	FY 02
Initial Cost Estimate	22
Cost Estimate Last FY	424
Present Cost Estimate	424
Approved Request Last FY	143
Total Expense & Encumbrances	
Approval Request Year 1	143

G. Status Information

Land Status	Land and RW to be acquired
Project Phase	Planning
Percent Complete	100%
Est Completion Date	Developer Dependent

Growth	-	100%
System Improvement		
Environmental Regulation		
Population Served		1,550
Capacity		0.9 MGD

H. Map



Cabin John Trunk Sewer Relief

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S-103.16	153801	Change

PDF Date	October 1, 2015
Date Revised	

Pressure Zones		Cabin John 07;
Drainage Basins		
Planning Areas		Bethesda-Chevy Chase & Vicinity PA 35;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	621	21	390	210	180	20	10				
Land											
Site Improvements & Utilities											
Construction	13,120			13,120	5,352	5,352	2,416				
Other	1,372		39	1,333	553	537	243				
Total	15,113	21	429	14,663	6,085	5,909	2,669				
C. Funding Schedule (000's)											
Contribution/Other	15,113	21	429	14,663	6,085	5,909	2,669				

D. Description & Justification

DESCRIPTION

This project provides for the planning, design and construction of 3,400 feet of 24-inch diameter sewer in the Cabin John Basin.

JUSTIFICATION

Mid-Pike Plaza Hydraulic Planning Analysis (November, 2012).

COST CHANGE

Cost were increased based upon information provided by the developer.

OTHER

The project scope has remained the same. The expenditures and schedule projections shown in Block B are based upon information provided by the developer. Estimated completion date is developer dependent. No WSSC rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland-National Capital Park & Planning Commission; Montgomery County Department of Environmental Protection; Maryland Department of the Environment; Maryland Department of Natural Resources; Montgomery County Government;
Coordinating Projects: S-25.04-Mid-Pike Plaza Sewer Main, Phase 1; S-25.05-Mid-Pike Plaza Sewer Main, Phase 2;

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		\$49
Other Project Costs		
Debt Service		
Total Cost		\$49
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

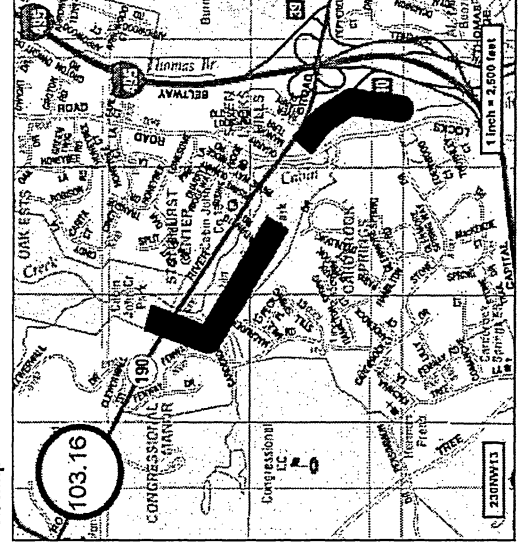
Date First in Program	FY 14
Date First Approved	FY 14
Initial Cost Estimate	7,999
Cost Estimate Last FY	7,999
Present Cost Estimate	15,113
Approved Request Last FY	2,662
Total Expense & Encumbrances	
Approval Request Year 1	21
Approval Request Year 1	6,085

G. Status Information

Land Status	Not Applicable
Project Phase	Design
Percent Complete	20%
Est Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	29.37 to 36.74 MGD

H. Map



Clarksburg Triangle Outfall Sewer, Part 2

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S-84.47	023811	Change

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	Seneca Creek 15;
Planning Areas	Clarksburg & Vicinity PA 13;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
	470	226	230	14	12	2					
Planning, Design & Supervision											
Land											
Site Improvements & Utilities											
Construction	1,885	900	450	535	471	64					
Other	184	82	102	82	72	10					
Total	2,539	1,126	782	631	555	76					

C. Funding Schedule (000's)

Contribution/Other	2,539	1,126	782	631	555	76					
--------------------	-------	-------	-----	-----	-----	----	--	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of approximately 4,200 feet of 24-inch, 1,450 feet of 21-inch, 1,670 feet of 18-inch, and 580 feet of 15-inch diameter outfall sewer along a tributary west of and parallel to U.S. Interstate 270, north of West Old Baltimore Road. This sewer is projected to serve new development in Stage 3 of the Clarksburg planning area west of I-270 and potentially serve Clarksburg Development Stage 4 as specified in the 1994 Clarksburg Master Plan.

JUSTIFICATION

The Cabin Branch neighborhood includes Clarksburg Triangle and other Stage 3 properties west of I-270 and east of Clarksburg Road.

Clarksburg Master Plan and Hyattstown Special Study Area (1994); Montgomery County Council Resolution Number 14-772; Water and Sewer Plan.

Service Area Map Amendments for the Clarksburg Master Plan Area (Adopted February 13, 2001); Clarksburg Stages 3 and 4 Area Facility Plan, Rodgers Consulting (December 2004); Ten Mile Creek Area Limited Master Plan (2014).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The expenditures and schedule projections shown in Block B are based upon information provided by the developer. Design and construction will be performed by the developer under a System Extension Permit. Estimated completion date is developer dependent. No WSSC rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland-National Capital Park & Planning Commission; Montgomery County Department of Environmental Protection; Maryland Department of the Environment; (Non-Tidal Wetlands Permit) Maryland Department of Natural Resources; U.S. Fish and Wildlife Service; Montgomery County Government;

Coordinating Projects: W-46.14-Clarksburg Area Stage 3 Water Main, Parts 1, 2 & 3; S-84.46-Clarksburg Triangle Outfall Sewer, Part 1;

E. Annual Operating Budget Impact (000's)

Staff	FY of Impact	
Maintenance	\$113	19
Other Project Costs		
Debt Service		
Total Cost	\$113	19
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

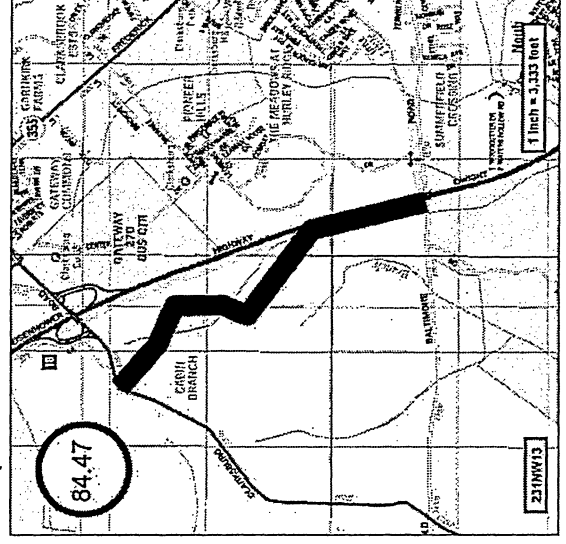
Date First in Program	FY 02
Date First Approved	FY 02
Initial Cost Estimate	22
Cost Estimate Last FY	2,539
Present Cost Estimate	2,539
Approved Request Last FY	555
Total Expense & Encumbrances	1,126
Approval Request Year 1	555

G. Status Information

Land Status	Not Applicable
Project Phase	Construction
Percent Complete	70%
Est Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	10.8 MGD

H. Map



Mid-Pike Plaza Sewer Main, Phase 1

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
S-25.04	123801	Change	

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	343	330	5	8	8						
Land											
Site Improvements & Utilities											
Construction	3,668	3,400	168	100	100						
Other	42		26	16	16						
Total	4,053	3,730	199	124	124						

C. Funding Schedule (000's)

Contribution/Other	4,053	3,730	199	124	124						
--------------------	-------	-------	-----	-----	-----	--	--	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 4,000 feet of 15, 18, and 21-inch diameter sewer main to provide service to Mid-Pike Plaza.

JUSTIFICATION

Mid-Pike Plaza Hydraulic Planning Analysis, (November 2012).

COST CHANGE

Total project cost has increased based on updated construction cost estimate.

OTHER

The project scope has remained the same. The expenditures and schedule projections shown in Block B are based upon information provided by the developer. Design and construction will be performed by the developer under a Systems Extension Permit. Estimated completion date is developer dependent. No WSSC rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Montgomery County Government; Montgomery County Department of Environmental Protection; Local Community Civic Associations;

Coordinating Projects: S-103.16-Cabin John Trunk Sewer Relief; S-25.05-Mid-Pike Plaza Sewer Main, Phase 2;

E. Annual Operating Budget Impact (000's)

Staff	FY of Impact
Maintenance	\$57
Other Project Costs	
Debt Service	
Total Cost	\$57
Impact on Water and Sewer Rate	

F. Approval and Expenditure Data (000's)

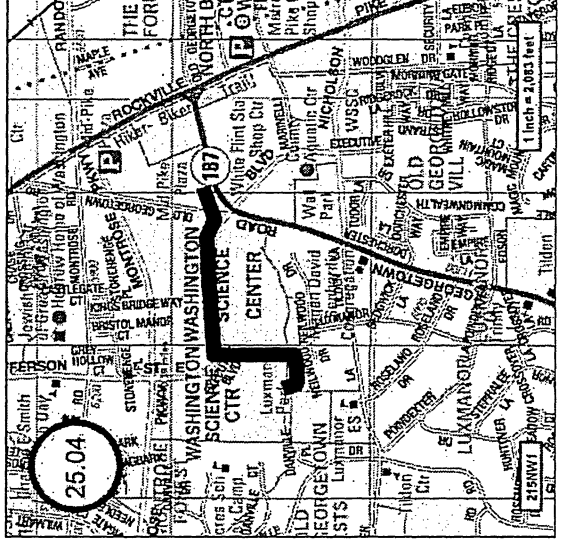
Date First in Program	FY 12
Date First Approved	FY 12
Initial Cost Estimate	1,488
Cost Estimate Last FY	3,874
Present Cost Estimate	4,053
Approved Request Last FY	37
Total Expense & Encumbrances	3,730
Approval Request Year 1	124

G. Status Information

Land Status	RAW acquired
Project Phase	Construction
Percent Complete	75%
Est Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	2,007
Capacity	3.47 mgd

H. Map



Mid-Pike Plaza Sewer Main, Phase 2

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
S-25.05	143801	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	Cabin John 07;
Planning Areas	North Bethesda PA 30;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	860	119	247	494	247	247					
Land											
Site Improvements & Utilities											
Construction	4,455		1,000	3,455	2,455	1,000					
Other	779		187	592	405	187					
Total	6,094	119	1,434	4,541	3,107	1,434					

C. Funding Schedule (000's)

Contribution/Other	6,094	119	1,434	4,541	3,107	1,434					
--------------------	-------	-----	-------	-------	-------	-------	--	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 3,600 feet of 21-inch and 24-inch diameter sewer main to provide service to Mid-Pike Plaza.

JUSTIFICATION

Mid-Pike Plaza Hydraulic Planning Analysis (November 2012).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The expenditures and schedule projections shown in Block B are based upon information provided by the developer. Estimated completion date is developer dependent. No WSSC rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Montgomery County Government; Montgomery County Department of Environmental Protection; Local Community Civic Associations;

Coordinating Projects: S-25.04-Mid-Pike Plaza Sewer Main, Phase 1; S-103.16-Cabin John Trunk Sewer Relief;

E. Annual Operating Budget Impact (000's)

FY of Impact	
Staff	
Maintenance	\$51
Other Project Costs	
Debt Service	
Total Cost	\$51
Impact on Water and Sewer Rate	

F. Approval and Expenditure Data (000's)

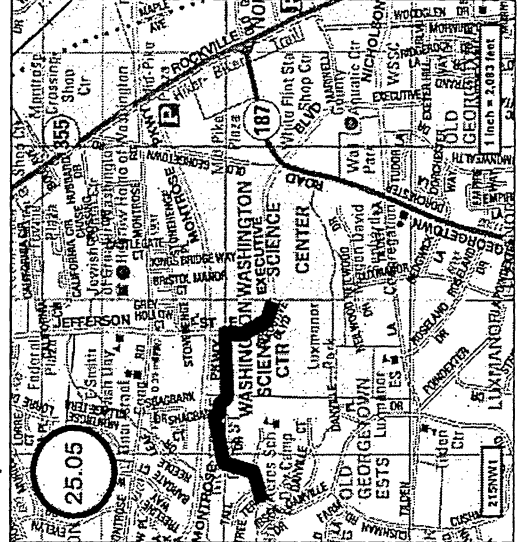
Date First in Program	FY 14
Date First Approved	FY 14
Initial Cost Estimate	5,917
Cost Estimate Last FY	6,094
Present Cost Estimate	6,094
Approved Request Last FY	3,107
Total Expense & Encumbrances	119
Approval Request Year 1	3,107

G. Status Information

Land Status	Not Applicable
Project Phase	Design
Percent Complete	20%
Est Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	

H. Map



Seneca WWTP Enhanced Nutrient Removal

A. Identification and Coding Information			PDF Date	October 1, 2015	Pressure Zones	
Agency Number	Project Number	Update Code	Date Revised		Drainage Basins	Seneca Creek 15;
S-53.21	073800	Change			Planning Areas	Lower Seneca PA 18;

B. Expenditure Schedule (000's)												
Cost Elements		Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision		6,958	6,956	1	1	1						
Land												
Site Improvements & Utilities												
Construction		7,000	6,877	103	20	20						
Other		17		16	1	1						
Total		13,975	13,833	120	22	22						
C. Funding Schedule (000's)												
WSSC Bonds		7,755	7,613	120	22	22						
State Aid		6,220	6,220									

D. Description & Justification
DESCRIPTION
This project provides for the planning, design, and construction of improvements at the Seneca WWTP necessary to meet the requirements of the Maryland Department of the Environment (MDE) Enhanced Nutrient Removal (ENR) Program at 20 MGD. The recommendations include modification of the existing basins to Flexible Modified Ludzack-Ettinger (MLE) mode, methanol storage and distribution system, upgrade of the existing 13 filters, and expansion of the filter gallery to include 3 new sand filters designed for phosphorous removal down to the permit goal of 0.18 mg/l at the maximum month flow of 33 MGD (design flow is 26 MGD).

JUSTIFICATION
The Bay Restoration Fund Enhanced Nutrient Removal (ENR) Program's purpose is to meet the commitments under the 2000 Chesapeake Bay Agreement. Reductions of nutrient pollutants from all sources including sewage treatment plants are necessary. The ENR strategy builds on the success of the Biological Nutrient Removal (BNR) Program already in place. The MDE is using the Bay Restoration Fund to upgrade the 66 major wastewater treatment plants which discharge to the Chesapeake Bay with ENR technologies. Once upgraded, these plants are expected to reduce nitrogen and phosphorus in the wastewater down to 3 mg/l total nitrogen and 0.3 mg/l total phosphorus, achieving approximately one-third of the needed reduction under the Chesapeake Bay 2000 Agreement. Other pollutants will continue to be reduced by more than 90%.

ENR Alternatives for the Seneca Wastewater Treatment Plant, Gannett Fleming (June 2005); Maryland Department of the Environment, Feasibility Study Approval Letter (July 27, 2005); WSSC Preliminary Engineering Report (September 2008); Design Criteria Report (November 2008).

COST CHANGE
Not applicable.

OTHER
The project scope has remained the same. The expenditures and schedule projections shown in Block B are based upon the actual bid and future change orders. The funding schedule reflects the final cost sharing agreement with MDE. WSSC's share of the project will be financed through a low interest loan from the MDE's Water Quality Administration State Revolving Loan Program. WSSC and MDE have negotiated a consent agreement for this project. The currently proposed date for the ENR substantial completion is January 1, 2016 and effluent discharge compliance by January 1, 2017. Funds are shown beyond FY16 for project closeout.

COORDINATION
Coordinating Agencies: Montgomery County Government; Montgomery County Department of Environmental Protection; Maryland Department of the Environment;
Coordinating Projects: S-53.22-Seneca WWTP Expansion, Part 2;

E. Annual Operating Budget Impact (000's)				FY of Impact	
Staff					
Maintenance					
Other Project Costs					
Debt Service				\$534	18
Total Cost				\$534	18
Impact on Water and Sewer Rate				\$0.01	18

F. Approval and Expenditure Data (000's)				FY 07	
Date First in Program					
Date First Approved					
Initial Cost Estimate				22,862	
Cost Estimate Last FY				13,972	
Present Cost Estimate				13,975	
Approved Request Last FY				22	
Total Expense & Encumbrances				13,833	
Approval Request Year 1				22	

G. Status Information				Not Applicable	
Land Status					
Project Phase				Construction	
Percent Complete				95%	
Est Completion Date				September 2015	

Growth					
System Improvement					
Environmental Regulation					
Population Served					
Capacity					

H. Map

MAP NOT AVAILABLE

Seneca WWTP Expansion, Part 2

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
S-53.22	083802	Change	

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	7,006	6,897	108	1	1						
Land											
Site Improvements & Utilities											
Construction	23,425	23,058	347	20	20						
Other	53		52	1	1						
Total	30,484	29,955	507	22	22						

C. Funding Schedule (000's)			
SDC	30,484	29,955	507
		22	22

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of improvements at the Seneca WWTP necessary to meet the projected growth in this service area while adhering to the requirements of the Maryland Department of the Environment (MDE) Enhanced Nutrient Removal (ENR) Program at 26 MGD (an increase from 20 MGD). The project will provide an additional aeration basin, an additional 150-foot clarifier, expansion of the filter gallery to include 4 new sand filters designed for phosphorous removal down to the permit goal of 0.18 mg/l at the maximum month flow of 33 MGD (design flow is 26 MGD), and biosolids handling system improvements. The biosolids handling improvements consist of an additional centrifuge and biosolids conveyance modifications which will provide system redundancy. The electrical distribution system will also be evaluated.

JUSTIFICATION

The planned improvements at the Seneca WWTP will adhere to the requirements of MDE's ENR Program at 26 MGD in accordance with the reduction goals under the Chesapeake Bay 2000 Agreement. The design provides for phosphorous removal down to the permit goal of 0.18 mg/l at the maximum month flow of 33 MGD (design flow is 26 MGD).

ENR Alternatives for the Seneca Wastewater Treatment Plant, Gannett Fleming (June 2005); Maryland Department of the Environment, Feasibility Study Approval Letter (July 27, 2005); WSSC Preliminary Engineering Report (September 2008); Design Criteria Report (November 2008).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The expenditures and schedule projections shown in Block B are based upon actual bid. Funds are shown beyond FY16 for project closeout.

COORDINATION

Coordinating Agencies: Montgomery County Government; Montgomery County Department of Environmental Protection; Maryland Department of the Environment;

Coordinating Projects: S-53.21-Seneca WWTP Enhanced Nutrient Removal;

E. Annual Operating Budget Impact (000's)

FY of Impact	
Staff	
Maintenance	
Other Project Costs	
Debt Service	
Total Cost	
Impact on Water and Sewer Rate	

F. Approval and Expenditure Data (000's)

Date First in Program	FY 08
Date First Approved	FY 07
Initial Cost Estimate	16,478
Cost Estimate Last FY	28,990
Present Cost Estimate	30,484
Approved Request Last FY	22
Total Expense & Encumbrances	29,955
Approval Request Year 1	22

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Construction
Percent Complete	95%
Est Completion Date	September 2015

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	6 MGD

H. Map

MAP NOT AVAILABLE

Shady Grove Station Sewer Augmentation

A. Identification and Coding Information		PDF Date	October 1, 2015	Pressure Zones	
Agency Number	Project Number	Date Revised		Drainage Basins	Rock Creek 05;
S-85.21	153800	Change		Planning Areas	Gaithersburg & Vicinity PA 20;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	59	23	15	21	11	10					
Land											
Site Improvements & Utilities											
Construction	1,904		250	1,654	1,016	638					
Other	291		40	251	154	97					
Total	2,254	23	305	1,926	1,181	745					

C. Funding Schedule (000's)

Contribution/Other	2,254	23	305	1,926	1,181	745					
--------------------	-------	----	-----	-------	-------	-----	--	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design and construction of approximately 3,600 feet of 15-inch to 18-inch diameter sewers. These sewers will replace an existing 10-inch diameter sewer main near Crabbs Branch Creek and CSX Railroad and terminate at a manhole approximately 300 feet southeast of Redland Road.

JUSTIFICATION

The new 15-inch and 18-inch diameter sewers will serve the area encompassed by Shady Grove Road, I-370 and CSX Railroad.

Due to development density proposed in DA5409Z12, the projected peak wastewater flow exceeds the capacity of existing sewers.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The expenditures and schedule projections shown in Block B are based upon information provided by the developer. Estimated completion date is developer dependent. No WSSC rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Montgomery County Department of Public Works and Transportation; Montgomery County Government; Maryland-National Capital Park & Planning Commission;
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

		FY of Impact	
Staff			
Maintenance		\$57	19
Other Project Costs			
Debt Service			
Total Cost		\$57	19
Impact on Water and Sewer Rate			

F. Approval and Expenditure Data (000's)

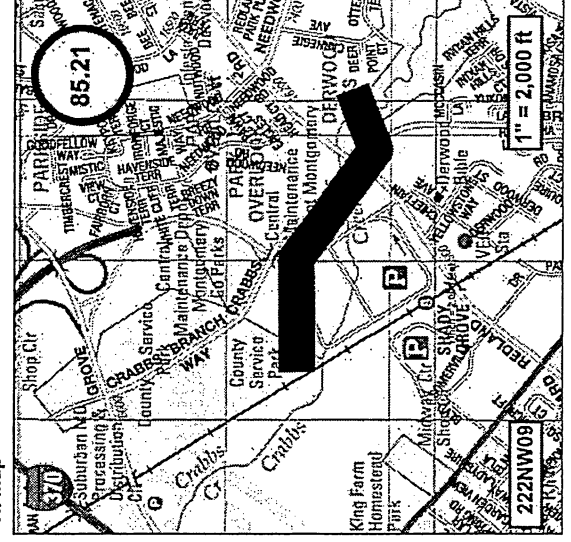
Date First in Program		FY 15
Date First Approved		FY 15
Initial Cost Estimate		2,254
Cost Estimate Last FY		2,254
Present Cost Estimate		2,254
Approved Request Last FY		1,188
Total Expense & Encumbrances		23
Approval Request Year 1		1,181

G. Status Information

Land Status	Not Applicable
Project Phase	Design
Percent Complete	50%
Est Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	5,500
Capacity	1.0 - 3.0 mgd

H. Map



Tapestry Wastewater Pumping Station

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
S-84.65	083803	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	Seneca Creek 15;
Planning Areas	Clarksburg & Vicinity PA 13;

B. Expenditure Schedule (000's)

Cost Elements		Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision		338	65	120	153	103	50				
Land											
Site Improvements & Utilities											
Construction		848	0	315	533	298	235				
Other		168		65	103	60	43				
Total		1,354	65	500	789	461	328				

C. Funding Schedule (000's)

Contribution/Other	1,354	65	500	789	461	328					
--------------------	-------	----	-----	-----	-----	-----	--	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of a 0.23 MGD wastewater pumping station to serve the Tapestry Subdivision.

JUSTIFICATION

Tapestry Subdivision Amended Hydraulic Planning Analysis and Letter of Findings #2 (March 2014).

COST CHANGE

Cost increase is based upon more definitive design information provided by Developer.

OTHER

The project scope has remained the same. The expenditures and schedule projections shown in Block B are based upon information provided by the developer. Estimated completion date is developer dependent. The design and construction will be performed by the developer under a Memorandum of Understanding. No WSSC rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Montgomery County Government; Local Community Civic Associations;
Coordinating Projects: S-84.66-Tapestry WWPS Force Main;

E. Annual Operating Budget Impact (000's)

FY of Impact	
Staff	
Maintenance	
Other Project Costs	
Debt Service	
Total Cost	
Impact on Water and Sewer Rate	

F. Approval and Expenditure Data (000's)

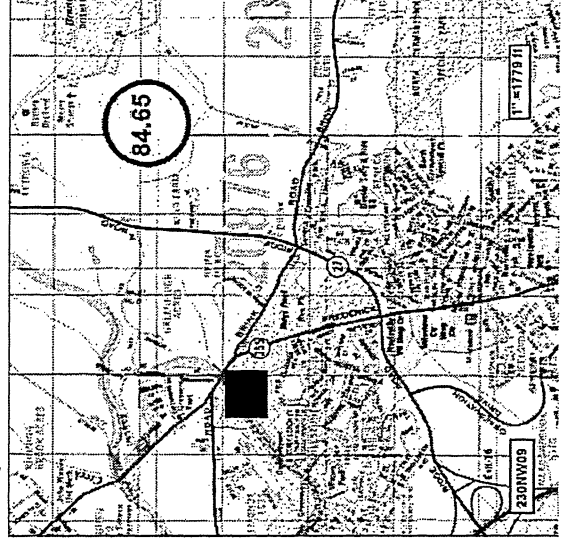
Date First in Program		FY08
Date First Approved		FY08
Initial Cost Estimate		552
Cost Estimate Last FY		683
Present Cost Estimate		1,354
Approved Request Last FY		223
Total Expense & Encumbrances		65
Approval Request Year 1		461

G. Status Information

Land Status		Not Applicable
Project Phase		Design
Percent Complete		50%
Est Completion Date		Developer Dependent

Growth		100%
System Improvement		
Environmental Regulation		
Population Served		590
Capacity		0.23 MGD

H. Map



Tapestry WWPS Force Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S-84.66	083804	Change

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	Seneca Creek 15;
Planning Areas	Clarksburg & Vicinity PA 13;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	26	13	13	0	0	0					
Land											
Site Improvements & Utilities											
Construction	92		34	58	32	26					
Other	16		7	9	5	4					
Total	134	13	54	67	37	30					

C. Funding Schedule (000's)

Contribution/Other	134	13	54	67	37	30					
--------------------	-----	----	----	----	----	----	--	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 2,150 feet of 4-inch diameter force main to serve the Tapestry Subdivision.

JUSTIFICATION

Tapestry Subdivision Amended Hydraulic Planning Analysis and Letter of Findings #2 (March 2014).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The expenditures and schedule projections shown in Block B are based upon information provided by the developer. Estimated completion date is developer dependent. No WSSC rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Montgomery County Government; Maryland-National Capital Park & Planning Commission; (Mandatory Referral Process) Local Community Civic Associations;

Coordinating Projects: S-84.65-Tapestry Wastewater Pumping Station;

E. Annual Operating Budget Impact (000's)

FY of Impact	
Staff	
Maintenance	\$31
Other Project Costs	
Debt Service	
Total Cost	\$31
Impact on Water and Sewer Rate	

F. Approval and Expenditure Data (000's)

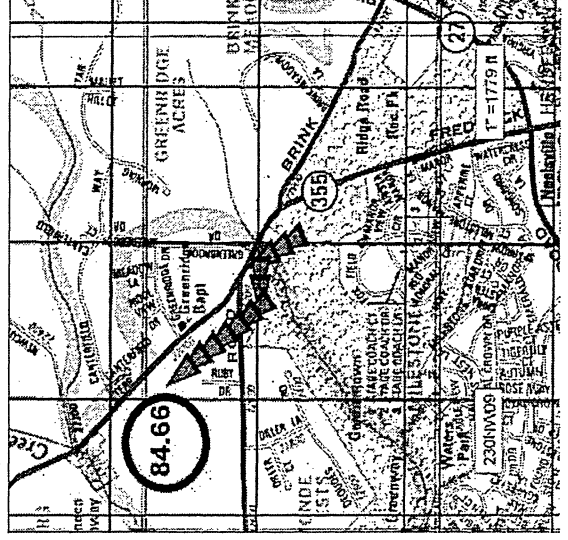
Date First in Program	FY 08
Date First Approved	FY 08
Initial Cost Estimate	110
Cost Estimate Last FY	134
Present Cost Estimate	134
Approved Request Last FY	46
Total Expense & Encumbrances	13
Approval Request Year 1	37

G. Status Information

Land Status	Not Applicable
Project Phase	Design
Percent Complete	50%
Est Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	590
Capacity	

H. Map



Twinbrook Commons Sewer

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S-25.03	083801	Change

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	Rock Creek 05;
Planning Areas	North Bethesda PA 30;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	417	380	10	27	8	7	6	6			
Land											
Site Improvements & Utilities											
Construction	535	227	41	267	130	69	34	34			
Other	52		8	44	21	11	6	6			
Total	1,004	607	59	338	159	87	46	46			

C. Funding Schedule (000's)

Contribution/Other	1,004	607	59	338	159	87	46	46			
--------------------	-------	-----	----	-----	-----	----	----	----	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 1,300 feet of 18-inch diameter sewer main to provide service to Twinbrook Commons.

JUSTIFICATION

Phase I Letter of Findings (April 2006).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. This project will be completed in two phases. The first phase, Contract No. DA4159A05, was completed in January 2010. The second phase, Contract No. DA4159B05, is in the construction stage. The expenditures and schedule projections shown in Block B are based upon information provided by the developer. Design and construction will be performed by the developer under a System Extension Permit. Estimated completion date is developer dependent. No WSSC rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Washington Metropolitan Area Transit Authority; Montgomery County Government; City of Rockville; Local Community Civic Associations;
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff	FY of Impact	
Maintenance	\$19	21
Other Project Costs		
Debt Service		
Total Cost	\$19	21
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

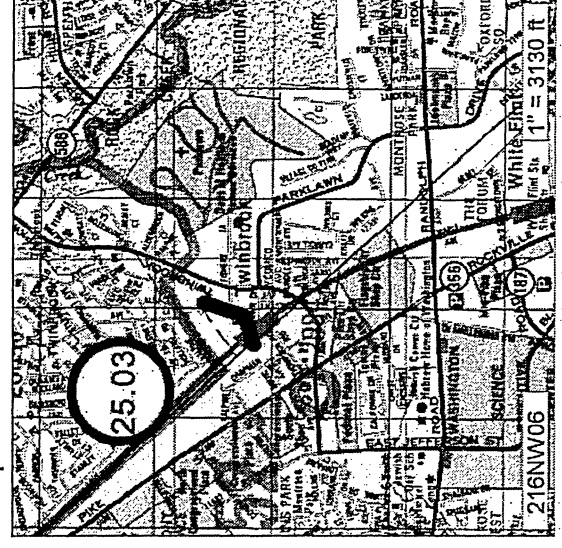
Date First in Program	FY 08
Date First Approved	FY 08
Initial Cost Estimate	677
Cost Estimate Last FY	1,004
Present Cost Estimate	1,004
Approved Request Last FY	159
Total Expense & Encumbrances	607
Approval Request Year 1	159

G. Status Information

Land Status	Not Applicable
Project Phase	Construction
Percent Complete	50%
Est Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	3.26 to 4.33 MGD

H. Map



WATER BI-COUNTY

Bi-County Water Tunnel

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
W-127.01	934855	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	Montgomery Main 495A; Prince George's
Drainage Basins	
Planning Areas	Bi-County;

B. Expenditure Schedule (000's)

Cost Elements		Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision		28,295	26,455	1,830	10	10						
Land												
Site Improvements & Utilities												
Construction		115,358	113,170	2,168	20	20						
Other		202	200	2	2	2						
Total		143,855	139,625	4,198	32	32						

C. Funding Schedule (000's)

WSSC Bonds	700	700										
SDC	143,155	138,925	4,198	32	32							

D. Description & Justification

DESCRIPTION

This project provides for the design and construction of approximately 28,400 feet of 84-inch diameter water main between the intersection of Tuckerman Lane and Route I-270 and the western terminus of the Bi-County Water Tunnel near the area where Rock Creek crosses the Capital Beltway (Maryland Route 495). The project will be constructed as a deep tunnel, minimizing community and environmental impacts. The project also includes relining 450 feet of existing 96-inch diameter PCCP with 84-inch diameter steel pipe at the I-270 connection between this pipeline and the new tunnel.

JUSTIFICATION

This project will significantly increase transmission capacity from the Potomac Water Filtration Plant to the Montgomery County Main Zone and Prince George's County. The alignment study completed in July 2005 recommended that the water main be constructed as a pipeline with a deep rock tunnel from 90 to 250 feet below the ground surface.

Montgomery and Prince George's Main Zone Facility Plan, Black and Veatch, Inc. (October 1990); Technical Memoranda #s 1, 2, & 3 (Draft), Louis Berger & Associates (1997); Updated Water Demand Projections (dated April 6, 2001); and the General Plan. Final Alignment Report, Black and Veatch, Inc. (July 2005).

COST CHANGE

Not applicable.

OTHER

The project scope remains the same. Expenditures shown in Block B above are definitive and are the sum of the design services, construction management services and construction contract amounts. In late 2005, both Councils reviewed the results of the detailed alignment study and agreed upon the final alignment and construction method. The tunnel was substantially completed and the Commission received beneficial use of the main on February 12, 2015. Final restoration is expected to be completed in the fall 2015 planting season. As part of the permit requirements for work within Cabin John and Rock Creek Parks, M-NCP&PC calls for stream restoration along Old Farm Creek. This work will be handled under a separate contract with costs extending into FY'17. The relining of 450 feet of existing 96-inch diameter PCCP was completed in FY'14 at a cost of \$700,000 and is not subject to SDC funding.

COORDINATION

Coordinating Agencies: Montgomery County Government; Prince George's County Government; Maryland-National Capital Park & Planning Commission; (Mandatory Referral submissions are approved); Maryland Department of Natural Resources; Maryland State Department of Transportation;

Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance	\$531	18
Other Project Costs		
Debt Service	\$48	18
Total Cost	\$579	18
Impact on Water and Sewer Rate	\$0.01	18

F. Approval and Expenditure Data (000's)

Date First in Program		FY 93
Date First Approved		FY 93
Initial Cost Estimate		63,000
Cost Estimate Last FY		144,258
Present Cost Estimate		143,855
Approved Request Last FY		1,123
Total Expense & Encumbrances		139,625
Approval Request Year 1		32

G. Status Information

Land Status	Land acquired
Project Phase	Construction
Percent Complete	99%
Est Completion Date	See Block D

Growth	99%
System Improvement	1%
Environmental Regulation	
Population Served	
Capacity	

H. Map

SEE ATTACHED MAP

Duckett & Brighton Dam Upgrades

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
W-139.02	073802	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	7,471	6,021	362	1,088	725	363					
Land											
Site Improvements & Utilities											
Construction	20,605	5,905	3,825	10,875	7,250	3,625					
Other	1,616		419	1,197	798	399					
Total	29,692	11,926	4,606	13,160	8,773	4,387					

C. Funding Schedule (000's)

WSSC Bonds	29,692	11,926	4,606	13,160	8,773	4,387					
------------	--------	--------	-------	--------	-------	-------	--	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design and construction of the upgrades required to enable the T. Howard Duckett Dam to meet current Maryland Department of the Environment (MDE) dam safety standards including the Probable Maximum Flood (PMF) criteria and maximum credible earthquake loadings. The upgrades include parapet walls on both embankments of the dam and three foot thick scour slabs tied into the rock on the downstream side of the dam. This project also includes improvements to the Brighton Dam to assure continued safe operation.

JUSTIFICATION

The MDE requested that WSSC perform a safety analysis of the T. Howard Duckett Dam to ensure that the dam can safely pass the Probable Maximum Flood criteria. MDE also requested that the evaluation include an analysis of the dam's ability to withstand the maximum credible earthquake loadings. The safety analysis includes geotechnical and structural evaluations.

December 13, 2004 letter from MDE; "Comprehensive Safety Evaluation of the T. Howard Duckett Dam", URS Corporation (January 2007); June 28, 2007 letter from MDE.

COST CHANGE

Costs were increased based on the Engineer's estimate for the work required for the Brighton Dam part of the project.

OTHER

The project scope has remained the same. Expenditures and schedule projections shown in Block B above reflect design level estimates (Brighton Dam) and actual bids (Duckett Dam). A report with a presentation of alternatives to enable the dam to safely pass the PMF and any other safety requirements was delivered to MDE in January 2007. In June 2007, MDE formally concurred with the recommended alternative. Construction work at Duckett Dam is approximately 95% complete. Brighton Dam is currently in design.

COORDINATION

Coordinating Agencies: Maryland State Highway Administration; Montgomery County Government; Prince George's County Government; Howard County Government; City of Laurel; Maryland Department of the Environment; U.S. Army Corps of Engineers; Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$2,043	19
Total Cost	\$2,043	19
Impact on Water and Sewer Rate	\$0.04	19

F. Approval and Expenditure Data (000's)

Date First in Program		FY 07
Date First Approved		FY 07
Initial Cost Estimate		575
Cost Estimate Last FY		16,950
Present Cost Estimate		29,692
Approved Request Last FY		670
Total Expense & Encumbrances		11,926
Approval Request Year 1		8,773

G. Status Information

Land Status	Not Applicable
Project Phase	Design
Percent Complete	90%
Est Completion Date	January 2018

H. Map

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

MAP NOT AVAILABLE

Land & Rights-of-Way Acquisition - Bi-County Water

Agency Number

W-202.00

Project Number

983857

Update Code

Change

PDF Date

October 1, 2015

Date Revised

Pressure Zones

Drainage Basins

Planning Areas

Bi-County,

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision											
Land	2,120		697	1,423	425	550	20	418	10		
Site Improvements & Utilities											
Construction											
Other											
Total	2,120		697	1,423	425	550	20	418	10		

C. Funding Schedule (000's)

WSSC Bonds	857	234	623	325	250	20	18	10		
SDC	1,263	463	800	100	300	400				

D. Description & Justification

DESCRIPTION

This PDF provides a consolidated estimate of funding for the acquisition of land and rights-of-way for water projects and for easement and land acquisitions for watershed protection. Expenditures are programmed based upon anticipated schedules and are required for the completion of those specific projects. These costs do not include purchases which have already been completed.

JUSTIFICATION

Consolidation of expenditures for land and rights-of-way acquisitions provides flexibility in expending funds in a specific fiscal year and permits the WSSC to respond to the uncertainty of project-specific implementation schedules. Other considerations include the accommodation of unpredictable delays which impact the timing of a planned purchase, unanticipated rights-of-way requirements due to minor alignment changes identified late in the design phase, and the need to assure the WSSC an equitable negotiation position by avoiding project-specific cost displays prior to contacting property owners.

Acquisition needs are determined by the WSSC and are based upon facility planning efforts, alignment studies, field surveys, realignments required by other agencies, or requirements identified within the Development Services Process (DSP).

COST CHANGE

Not applicable.

OTHER

COORDINATION

Coordinating Agencies: Not Applicable

Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$59	22
Total Cost	\$59	22
Impact on Water and Sewer Rate		22

F. Approval and Expenditure Data (000's)

Date First in Program		FY 98
Date First Approved		FY 98
Initial Cost Estimate		
Cost Estimate Last FY	5,676	
Present Cost Estimate	2,120	
Approved Request Last FY	1,125	
Total Expense & Encumbrances		
Approval Request Year 1		425

G. Status Information

Land Status	Land and RW to be acquired
Project Phase	Not Applicable
Percent Complete	
Est Completion Date	Not Applicable

Growth	60%
System Improvement	40%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT AVAILABLE

Large Diameter Water Pipe & Large Valve Rehabilitation Program

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
W-161.01	113803	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County;

B. Expenditure Schedule (000's)

Cost Elements		Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision		34,395	7,818	3,261	23,316	3,842	3,710	3,743	3,842	3,842	4,337	
Land												
Site Improvements & Utilities												
Construction		366,662	72,023	24,241	270,398	41,960	45,283	46,496	45,553	45,553	45,553	
Other		16,112		1,425	14,687	2,290	2,450	2,512	2,470	2,470	2,495	
Total		417,169	79,841	28,927	308,401	48,092	51,443	52,751	51,865	51,865	52,385	

C. Funding Schedule (000's)

WSSC Bonds	417,169	79,841	28,927	308,401	51,443	52,751	51,865	51,865	52,385
------------	---------	--------	--------	---------	--------	--------	--------	--------	--------

D. Description & Justification

DESCRIPTION

The purpose of this Program is to plan, inspect, design and rehabilitate or replace large diameter water transmission mains and large system valves that have reached the end of their useful life. Condition assessment and/or corrosion monitoring is performed on metallic pipelines, including ductile iron, cast iron, and steel, to identify lengths of pipe requiring replacement or rehabilitation and cathodic protection. The PCCP Inspection and Condition Assessment and Monitoring Program identifies individual pipe segments that require repair or replacement to assure the continued safe and reliable operation of the pipeline. The Program also identifies extended lengths of pipe that require the replacement of an increased number of pipe segments in varying stages of deterioration that are most cost effectively accomplished by the replacement or rehabilitation of long segments of the pipeline or the entire pipeline.

Rehabilitation or replacement of these mains provides value to the customer by minimizing the risk of failure and ensuring a safe and reliable water supply. The Program includes installation of Acoustic Fiber Optic Monitoring equipment in order to accomplish these goals in PCCP mains.

EXPENDITURES FOR LARGE DIAMETER WATER PIPE REHABILITATION ARE EXPECTED TO CONTINUE INDEFINITELY.

JUSTIFICATION

WSSC has approximately 1,031 miles of large diameter water main ranging from 16-inch to 96-inch in diameter. This includes 335 miles of cast iron, 328 miles of ductile iron, 35 miles of steel and 335 miles of PCCP. Internal inspection and condition assessment is performed annually on PCCP pipelines 36-inch and larger in diameter. Of the 335 miles of PCCP, 140 miles are 36-inch diameter and larger. The inspection program includes internal visual and sounding, sonic/ultrasonic testing, and electromagnetic testing to establish the condition of each pipe section and determine if maintenance repairs, rehabilitation, or replacement are needed.

The planning and design phase evaluates the alignment, hydraulic capacity, and project coordination amongst other factors in an effort to re-engineer these pipelines to meet today's design standards. The design effort includes the preparation of bid ready contract documents including all needed rights-of-way acquisitions and regulatory permits. The constructed system is inspected and an as-built plan is produced to serve as the renewed asset record.

In July 2013, WSSC's Acoustic Fiber Optic monitoring system identified breaking wires in a 54-inch diameter PCCP water transmission main in the Forestville area of Prince George's County. Upon attempting to close nearby valves to isolate the failing pipe for repair, WSSC crews encountered an inoperable valve with a broken gear, requiring the crew to drop back to the next available valve. This dropping-back to another valve would block one of the major water mains serving Prince George's county, significantly enlarging the shutdown area and reduce our capacity to supply water to over 100,000 residents. In order to minimize the risk associated with inoperable large valves and possible water outages, the large valve inspection and repair program was initiated to systematically inspect, exercise, repair and replace (when necessary) any of the 1500 large diameter valves and vaults located throughout the system.

Utility Wide Master Plan, (December 2007); 30 Year Infrastructure Plan (2007); FY2016 Water Transmission System Asset Management Plan (February 2014); WSSC FY 2017 Buried Water Asset Systems Asset Management Plan (December 2014);

COST CHANGE

Not applicable.

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$28,703	23
Total Cost	\$28,703	23
Impact on Water and Sewer Rate	\$0.58	23

F. Approval and Expenditure Data (000's)

Date First in Program		FY 11
Date First Approved		FY 11
Initial Cost Estimate		60,000
Cost Estimate Last FY		411,331
Present Cost Estimate		417,169
Approved Request Last FY		48,293
Total Expense & Encumbrances		79,841
Approval Request Year 1		48,092

G. Status Information

Land Status		Not Applicable
Project Phase		On-Going
Percent Complete		0%
Est Completion Date		On-Going

Growth		
System Improvement		100%
Environmental Regulation		
Population Served		
Capacity		

H. Map

MAP NOT AVAILABLE

Large Diameter Water Pipe & Large Valve Rehabilitation Program

OTHER

The project scope has remained the same. Expenditure and schedule projections shown in Block B above are Order of Magnitude estimates and are expected to change based upon the results of the inspections and condition assessments. Additional costs associated with PCCP inspection/condition assessment, large valve inspection/repairs and emergency repairs are included in the Operating Budget.

COORDINATION

Coordinating Agencies: Maryland State Highway Administration; Montgomery County Department of Public Works and Transportation; Montgomery County Government; (including localities where work is to be performed); Prince George's County Government; (including localities where work is to be performed); Maryland-National Capital Park & Planning Commission; Prince George's County Department of Permitting Inspection and Enforcement; Local Community Civic Associations;

Coordinating Projects: W-1.00-Water Reconstruction Program; A-107.00-Specialty Valve Vault Rehabilitation Program;

Patuxent WFP Phase II Expansion

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W-172.05	033807	Change

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	Bi-County;
Drainage Basins	4
Planning Areas	Bi-County;

B. Expenditure Schedule (000's)

Cost Elements		Thru FY'15	Total	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision		7,655	14,704	2,231	1,742	898				
Land		34	34							
Site Improvements & Utilities										
Construction		3,289	47,534	14,700	12,300	3,746				
Other		789	2,566	847	702	228				
Total		10,978	64,838	17,778	14,744	4,872				
C. Funding Schedule (000's)		WSSC Bonds	64,838	10,978	16,466	37,394	17,778	14,744	4,872	

D. Description & Justification

DESCRIPTION

This project provides for the addition of a sixth treatment train, a new electrical substation, a new residuals handling facility, new UV disinfection facilities, upgrades to existing yard piping, and upgrades to chemical facilities at the Patuxent WFP along with an upgrade to the existing potassium permanganate and carbon feed systems at the Patuxent Pretreatment Facility and a new relief sewer which upgrades the existing sewer system along Sweetzer Lane to accommodate the new residuals facility.

JUSTIFICATION

Phase II will add a sixth treatment train consisting of a three stage flocculation chamber, sedimentation basin with chain and flight solids removal and plate settlers, disinfectant contact chamber, and two deep bed granular carbon filters. A fourth raw water pipeline, Patuxent Raw Water Pipeline (W-172.07) and the modification and expansion of the Rocky Gorge Water Pumping Station (W-172.08), will provide a firm raw water pumping/transmission capacity of 110 MGD. These improvements will give the plant a firm nominal capacity of 72 MGD, with emergency capacity of 110 MGD. New UV disinfection facilities are being added to the plant in order to assure compliance with future EPA regulations for Cryptosporidium treatment and Stage 2 Disinfection Byproducts Rule effective 2012. This project also adds a residuals handling facility to remove the solids from impacting the Parkway WWTP and a relief sewer along Sweetzer Lane to assure no sanitary sewer overflows (SSO) occur as a result of Plant wastewater discharge.

"Patuxent WFP Facility Plan", O'Brien & Gere Engineers, Inc., (April, 1997); In-House Study (April, 2002); Patuxent Expansion Design Criteria Report (April, 2005), "Parkway WWTP Biosolids Facility Plan", CH2M Hill (October, 2009), "Evaluation of Residuals Handling Process Alternatives", AECOM Technical Services, (July, 2011)

COST CHANGE

Slight decrease reflects actual construction bid price.

OTHER

The project scope has remained the same. In the event of an outage at the Potomac WFP, additional capacity at the Patuxent WFP will reduce customer impact. However, emergency conservation measures will still be required.

COORDINATION

Coordinating Agencies: Montgomery County Government; Prince George's County Government; Maryland-National Capital Park & Planning Commission; Maryland Department of the Environment; Maryland State Department of Transportation; Baltimore Gas & Electric;
Coordinating Projects: W-12.02-Prince George's County HG415 Zone Water Main; W-172.07-Patuxent Raw Water Pipeline; W-172.08-Rocky Gorge Pump Station Upgrade;

E. Annual Operating Budget Impact (000's)

	FY of Impact
Staff	
Maintenance	
Other Project Costs	
Debt Service	\$4,461
Total Cost	\$4,461
Impact on Water and Sewer Rate	\$0.09

F. Approval and Expenditure Data (000's)

Date First in Program	FY 04
Date First Approved	FY 03
Initial Cost Estimate	33,002
Cost Estimate Last FY	65,611
Present Cost Estimate	64,838
Approved Request Last FY	14,372
Total Expense & Encumbrances	10,978
Approval Request Year 1	17,778

G. Status Information

Land Status	R/W acquired
Project Phase	Construction
Percent Complete	10%
Est Completion Date	FY 2019

Growth	
System Improvement	80%
Environmental Regulation	20%
Population Served	
Capacity	72 MGD nominal/110 MGD emergency

H. Map

MAP NOT AVAILABLE

Patuxent Raw Water Pipeline

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
W-172.07	063804	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County;

B. Expenditure Schedule (000's)

Cost Elements		Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision		4,667	4,329	38	300	100	100	100				
Land												
Site Improvements & Utilities												
Construction		25,935	7,935		18,000	5,000	8,000	5,000				
Other		1,834		4	1,830	510	810	510				
Total		32,436	12,264	42	20,130	5,610	8,910	5,610				

C. Funding Schedule (000's)

WSSC Bonds	32,436	12,264	42	20,130	5,610	8,910	5,610					
------------	--------	--------	----	--------	-------	-------	-------	--	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for planning, design and construction of approximately 2.5 miles of new 48-inch diameter raw water pipeline from the Rocky Gorge Raw Water Pumping Station to the Patuxent Water Filtration Plant, cleaning of the existing water lines and replacement of valves.

JUSTIFICATION

The existing raw water supply facilities are hydraulically limited to 72 MGD with all pumps running at the Rocky Gorge Pumping Station. In order to convey more than 72 MGD of raw water, a new raw water pipeline is required. A fourth raw water pipeline from Rocky Gorge Pumping Station to the Patuxent Plant and modification/expansion of the Rocky Gorge Pumping Station will provide a firm raw water pumping transmission capacity of 110 MGD. These improvements, in conjunction with expansion of the Patuxent Water Filtration Plant, will give the Plant a firm nominal capacity of 72 MGD, with an emergency capacity of 110 MG.

Patuxent WFP Facility Plan (April 1997); In-House Study (April 2002).

COST CHANGE

The cost was increased based on a change in alignment needed to avoid BGE gas line relocations. The new pipeline design includes added air release vacuum/entry port valve vaults, enhanced cathodic protection including Pritch coating, anodes, and test stations.

OTHER

The project scope has remained the same. The Rocky Gorge Valve Replacement and the cleaning of existing raw water pipelines are 100% complete. The new raw water pipeline is currently in design. Expenditure and schedule estimates for the new raw water pipeline may change based upon design constraints and permitting issues. The project has been delayed due to a lengthy permit and right-of-way acquisition process. As with any construction project, areas disturbed by construction will be restored. This restoration includes paving of impacted roads in accordance with Prince George's County Policy and Specifications for Utility Installation and Maintenance Manual (Section 4.7.2). Land costs are included in WSSC Project W-202.00.

COORDINATION

Coordinating Agencies: Montgomery County Government; Prince George's County Government; Maryland-National Capital Park & Planning Commission; Maryland Department of the Environment; Interstate Commission on the Potomac River Basin; Local Community Civic Associations; (West Laurel Civic Association); Baltimore Gas & Electric;
Coordinating Projects: W-172.05-Patuxent WFP Phase II Expansion; W-172.08-Rocky Gorge Pump Station Upgrade;

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance	\$242	20
Other Project Costs		
Debt Service	\$2,232	20
Total Cost	\$2,474	20
Impact on Water and Sewer Rate	\$0.05	20

F. Approval and Expenditure Data (000's)

Date First in Program		FY 06
Date First Approved		FY 03
Initial Cost Estimate		18,750
Cost Estimate Last FY		23,616
Present Cost Estimate		32,436
Approved Request Last FY		3,095
Total Expense & Encumbrances		12,264
Approval Request Year 1		5,610

G. Status Information

Land Status	Land and RW to be acquired
Project Phase	Design
Percent Complete	90%
Est Completion Date	FY 2019

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT AVAILABLE

Potomac WFP Consent Decree Program

A. Identification and Coding Information			PDF Date	April 29, 2016
Agency Number	Project Number	Update Code	Date Revised	
W-73.33		Add		

Pressure Zones	Potomac WFP HGP/OWF:
Drainage Basins:	
Planning Areas:	Bl-Country;

B. Expenditure Schedule (000's)

Cost Elements		Thru FY'15	Estimate FY'16	Total 5 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision		10,000		10,000	2,000	2,000	2,000	2,000	2,000		
Land		1,000		1,000	600	400					
Site Improvements & Utilities											
Construction		15,000		15,000		3,000	4,000	4,000	4,000		
Other		1,250		1,250	100	250	300	300	300		
Total		27,250		27,250	2,700	5,650	6,300	6,300	6,300		

C. Funding Schedule (000's)

WSSC Bonds	27,250		2,700	5,650	6,300	6,300	6,300			
------------	--------	--	-------	-------	-------	-------	-------	--	--	--

D. Description & Justification

DESCRIPTION

The Potomac WFP Consent Decree Program provides for the planning, design, and construction required for the implementation of Short-Term Operational and Long-Term Capital Improvements at the Potomac Water Filtration Plant (WFP) to allow the Commission to meet the new discharge limitations identified in the Consent Decree.

JUSTIFICATION

The Consent Decree (CD) was lodged with the U.S. District Court of Maryland on October 29, 2015 and is pending for approval and entry by the Court. Under the terms of the CD the Commission is required to "undertake short-term operational changes and capital improvements at the Potomac WFP that will enable WSSC to reduce significantly the pounds per day of solids discharged to the River" (CD Section II, Paragraph 6.i); and to plan, design, and implement a long term "upgrades to the existing Plant or to design and construct a new plant to achieve the effluent limits, conditions, and waste load allocations established by the Maryland Department of the Environment (the Department) and/or in this Consent Decree and incorporated in a new discharge permit to be issued by the Department" (CD Section II, Paragraph 6.ii). The CD requires the Commission to submit a Draft Audit Report and Draft Long-Term Upgrade Plan to the Citizens and the Department by November 15, 2016, and final reports to be submitted to the Citizens and the Department by January 1, 2017. Upon receipt the Department will review the Audit Report and select improvements in operations, monitoring, and waste tracking recommended in the Audit Report and select capital projects that can be completed no later than April 1, 2020 and that are necessary to achieve the goals identified in CD Section IV, Paragraph 24. Additionally, the work required to implement the Long-Term Capital Improvements Project(s) shall be fully implemented in accordance with the schedule set forth in the Long Term Upgrade Plan. The Commission shall be subjected to a lump-sum stipulated penalty in accordance with the CD for failure to implement the Long Term Capital Improvement Project(s) by January 1, 2026.

COST CHANGE

Not applicable.

OTHER

The project scope was developed for the FY 2017 CIP and has a preliminary cost estimate of approximately \$27,250,000. Expenditure and schedule projections shown above are Order of Magnitude level estimates. The construction estimate is expected to increase significantly once the Short-Term (Audit Report) and Long-Term Capital Improvements plans are completed and approved by the Maryland Department of the Environment. The expenditure and schedule projections shown above also include \$1,000,000 for Supplemental Environmental Projects included under CD Section IX, Paragraph 50. Preliminary planning work is currently underway in FY16 under ESP project W-708.48, Potomac WFP Consent Decree Projects. In addition, operational requirements identified in CD Section IV, Interim Performance Measures and Plant Improvements are currently underway under ESP project W-708.47, Potomac WFP Turbidity Monitoring.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Montgomery County Government; Prince George's County Government; National Park Service; U.S. Environmental Protection Agency, Region III;
Coordinating Projects: W-73.21-Potomac WFP Corrosion Mitigation; W-73.30-Potomac WFP Submerged Channel Intake;

E. Annual Operating Budget Impact (000's)

Staff	FY of Impact
Maintenance	
Other Project Costs	
Debt Service	\$1,875 22
Total Cost	\$1,875 22
Impact on Water and Sewer Rate	\$0.04 22

F. Approval and Expenditure Data (000's)

Date First in Program	FY 16
Date First Approved	FY 16
Initial Cost Estimate	27,250
Cost Estimate Last FY	
Present Cost Estimate	27,250
Approved Request Last FY	
Total Expense & Encumbrances	
Approval Request Year 1	2,700

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase:	Planning
Percent Complete	0%
Est Completion Date	January 2026

Growth	
System Improvement	
Environmental Regulation	100%
Population Served	
Capacity	

H. Map

MAP NOT AVAILABLE

Potomac WFP Corrosion Mitigation

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
W-73.21	143802	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	1,210	985	190	35	35						
Land											
Site Improvements & Utilities											
Construction	13,000	250	10,750	2,000	2,000						
Other	1,298		1,094	204	204						
Total	15,508	1,235	12,034	2,239	2,239						

C. Funding Schedule (000's)

WSSC Bonds	15,508	1,235	12,034	2,239	2,239						
------------	--------	-------	--------	-------	-------	--	--	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design and construction required to upgrade and replace the existing metallic components in the eight Sedimentation Basins due to accelerated corrosion observed since the implementation of the full-scale Low pH Enhanced Coagulation Program in 2008. The project will also upgrade components in the Rapid Mix and Flocculation process areas in anticipation of the Ferric Chloride Feed System Project completion that will introduce a coagulant that is not compatible with several of the existing metallic components.

JUSTIFICATION

Sedimentation Basin components, such as valve hardware, pipe couplings, operator extensions, cross beams, cross collector drive chains and pipe support brackets, are all essential elements. Failure could mean losing important and significant process capacity, possibly for extended periods of time. This could hinder the Commission's ability to meet water supply demands, particularly when the system may need to recover quickly, as in the case of a major water main break. Replacing the metallic components with compatible materials will help maintain the integrity of our system. The project also includes the replacement of the existing polyurethane sprockets, chains for the cross collector drive, augers, auger shafts, and auger chains.

Technical Memorandum No. 1 - Impact of Ferric Chloride on Existing Facilities, Hazen and Sawyer, (May 2010); Potomac Sedimentation Basin Corrosion Study, Hatch Mott MacDonald, (July 2010).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. Expenditures and schedule projections shown in Block B above are based on approved construction contract BF5250A11.

COORDINATION

Coordinating Agencies: Montgomery County Government; Prince George's County Government; Maryland Department of the Environment; Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$1,067	18
Total Cost	\$1,067	18
Impact on Water and Sewer Rate	\$0.02	18

F. Approval and Expenditure Data (000's)

Date First in Program		FY 14
Date First Approved		FY 14
Initial Cost Estimate	7,443	
Cost Estimate Last FY	15,556	
Present Cost Estimate	15,508	
Approved Request Last FY	5,165	
Total Expense & Encumbrances	1,235	
Approval Request Year 1	2,239	

G. Status Information

Land Status		Not Applicable
Project Phase		Construction
Percent Complete		5%
Est Completion Date		December 2016

Growth		
System Improvement		100%
Environmental Regulation		
Population Served		
Capacity		

H. Map

MAP NOT APPLICABLE

Potomac WFP Main Zone Pipeline

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W-73.32	133800	Change

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	Montgomery Main 495A; Prince George's
Drainage Basins	
Planning Areas	Potomac-Cabin John & Vicinity PA 29;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	1,862	397	365	1,100	321	550	229				
Land											
Site Improvements & Utilities											
Construction	30,000			30,000			18,000	12,000			
Other	3,147		37	3,110	32	55	1,823	1,200			
Total	35,009	397	402	34,210	353	605	20,052	13,200			

C. Funding Schedule (000's)

WSSC Bonds	35,009	397	402	34,210	353	605	20,052	13,200			
------------	--------	-----	-----	--------	-----	-----	--------	--------	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design and construction of an 84-inch diameter redundancy main from the Main Zone pumping station to the 96-inch diameter and 66-inch diameter main wye connections on River Road. The project will include a rock tunnel segment.

JUSTIFICATION

The existing 78-inch diameter PCCP pipeline is the major feed to the 96-inch diameter Montgomery County Main Zone pipeline and the 66-inch diameter River Road pipeline. The primary purpose of this project is to provide redundancy for the existing line. The Business Case recommended a new 84-inch diameter main be installed from the Main Zone pumping station to the 66-inch diameter and 96-inch diameter wye connection. In addition the wye connection will be replaced as part of this project.

62-mail from M. Woodcock to C. Fricke and E. Betanzo dated April 27, 2011; "Business Case Evaluation for Potomac Water Treatment Plan - 78 inch finished water main redundancy", O'Brien and Gere Engineers, Inc. (October 2013)

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. Expenditure and schedule projections shown in Block B above are Order of Magnitude estimates and may change based upon site specific conditions and design constraints. Land acquisition costs are included in WSSC Project W-202.00

COORDINATION

Coordinating Agencies: Maryland State Highway Administration; Montgomery County Department of Public Works and Transportation; Montgomery County Government; Maryland Department of the Environment; Maryland Department of Natural Resources; U.S. Army Corps of Engineers; Maryland-National Capital Park & Planning Commission; Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		\$28
Other Project Costs		
Debt Service		\$2,409
Total Cost		\$2,437
Impact on Water and Sewer Rate		\$0.05

F. Approval and Expenditure Data (000's)

Date First in Program		FY 13
Date First Approved		FY 13
Initial Cost Estimate		330
Cost Estimate Last FY		34,670
Present Cost Estimate		35,009
Approved Request Last FY		440
Total Expense & Encumbrances		397
Approval Request Year 1		353

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	Design
Percent Complete	10%
Est Completion Date	FY 2020

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	Approximately 200 mgd

H. Map

MAP NOT AVAILABLE

Potomac WFP Outdoor Substation No. 2 Replacement

A. Identification and Coding Information			PDF Date	October 1, 2015
Agency Number	Project Number	Update Code	Date Revised	
W-73.19	113802	Change		

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	3,292	1,599	564	1,129	847	282					
Land											
Site Improvements & Utilities											
Construction	11,000		3,667	7,333	5,500	1,833					
Other	1,270		423	847	635	212					
Total	15,562	1,599	4,654	9,309	6,982	2,327					
C. Funding Schedule (000's)											
WSSC Bonds	15,562	1,599	4,654	9,309	6,982	2,327					

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction required to replace the Outdoor Substation No. 2 (OSS-2) 5kV switchgear and the two motor control centers (MCCs) located in the Raw Water Pumping Station No. 1 at the Potomac Water Filtration Plant. OSS-2 is over 30 years old and contains 5kV switchgear that houses air magnetic breakers which are obsolete. The two MCCs are over 50 years old, and the manufacturer is no longer in business, making replacement parts difficult to obtain.

JUSTIFICATION

The Phase ID - Energy Performance Project included engineering, and planning of equipment and operations upgrades to develop an energy efficient and guaranteed savings program to upgrade/replace pumps at the Potomac Raw Water Pumping Stations (RWPS) #1 and #2, and upgrade Main Zone pump #3. Subsequent tests and inspections of OSS-2 serving RWPS #1 and #2 resulted in a report indicating that OSS-2 was unsafe and in poor condition, and that WSSC should move in an expeditious manner to replace the switchgear in its entirety. Industry practice is to replace 5 kV switchgear between 25 and 30 years old, when in an environment with airborne chemicals. The old breakers in OSS-2 have misalignment problems, and the switchgear housing is corroded, which can pose safety risks to the plant electrical and mechanical maintenance staff as well as the operators.

Energy Performance Project, Phase ID, Energy Systems Group (ESG) (March 2009). Raw Water Pump Testing and subsequent site visits and meetings at Potomac from April to June 2009 by ESG, Whitman Requardt & Assoc., and Shah Assoc. (sub-consultants to ESG).

COST CHANGE

Total project cost has increased based on updated construction supervision cost estimate.

OTHER

The project scope has remained the same. Expenditure and schedule projections shown in Block B above are preliminary estimates and may change based upon final bid.

COORDINATION

Coordinating Agencies: Montgomery County Government; Prince George's County Government; Coordinating Projects: A-103.00-Energy Performance Program;

E. Annual Operating Budget Impact (000's)

Staff	FY of Impact
Maintenance	
Other Project Costs	
Debt Service	\$1,071
Total Cost	\$1,071
Impact on Water and Sewer Rate	\$0.02
	19

F. Approval and Expenditure Data (000's)

Date First in Program	FY 11
Date First Approved	FY 11
Initial Cost Estimate	7,934
Cost Estimate Last FY	14,636
Present Cost Estimate	15,562
Approved Request Last FY	5,258
Total Expense & Encumbrances	1,599
Approval Request Year 1	6,982

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	100%
Est Completion Date	December 2017

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

Potomac WFP Pre-Filter Chlorination & Air Scour Improvements

A. Identification and Coding Information			PDF Date	October 1, 2015	Pressure Zones	
Agency Number	Project Number	Update Code	Date Revised		Drainage Basins	
W-73.22	143803	Change			Planning Areas	Bi-County;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	1,472	665	307	500	139	333	28				
Land											
Site Improvements & Utilities											
Construction	8,807	405	512	7,890	2,192	5,260	438				
Other	921		82	839	233	559	47				
Total	11,200	1,070	901	9,229	2,564	6,152	513				

C. Funding Schedule (000's)

WSSC Bonds	11,200	1,070	901	9,229	2,564	6,152	513				
------------	--------	-------	-----	-------	-------	-------	-----	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design and construction of a pre-filter chlorination system for the Potomac Water Filtration Plant. It also includes evaluation of retrofitting an air scour system into the existing plant filters, and the planning, design and construction of an appropriate system if the evaluation deems it favorable for implementation.

JUSTIFICATION

The Potomac Water Filtration Plant has experienced six separate incidents of catastrophic filter underdrain failures since October 2006. Subsequent investigation conducted by WSSC and ITT Leopold, suppliers of the failed underdrain systems, revealed that the ITT Leopold underdrain system with an Integral Media Support (IMS) cap is not compatible with the biologically active filters at the Potomac WFP.

The Engineering Standard - I. M. S. Cap Monitoring Operation, and Maintenance Instructions, ITT Water & Wastewater, Leopold, Inc., (April 2009). Memo from John Geibel, P.E., Sr. Product Engineer @ ITT Water & Wastewater, Leopold, Inc. - Potomac Filtration Plant Visit April 2009 - to Joseph Johnson, Potomac Plant Superintendent, (May 2010);

COST CHANGE

Total project cost has increased based on an updated cost estimate for construction of the new air scour system.

OTHER

The project scope has remained the same. Expenditure and schedule projections shown in Block B above are preliminary design level estimates, and may change based on site-specific conditions and design constraints. It was originally planned to design and construct both pre-filter chlorination and air scour systems as one deliverable. However, due to the more critical need to implement pre-filter chlorination at the Potomac plant, this portion of the project was placed on an accelerated schedule for design and construction, separate from that of the air scour system.

COORDINATION

Coordinating Agencies: Montgomery County Government; Prince George's County Government;
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service		\$771
Total Cost		\$771
Impact on Water and Sewer Rate		\$0.02

F. Approval and Expenditure Data (000's)

Date First in Program		FY 14
Date First Approved		FY 14
Initial Cost Estimate		5,602
Cost Estimate Last FY		7,176
Present Cost Estimate		11,200
Approved Request Last FY		253
Total Expense & Encumbrances		1,070
Approval Request Year 1		2,564

G. Status Information

Land Status		Not Applicable
Project Phase		Design
Percent Complete		30%
Est Completion Date		July 2018

Growth		
System Improvement		100%
Environmental Regulation		
Population Served		
Capacity		

H. Map

MAP NOT APPLICABLE

Potomac WFP Submerged Channel Intake

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
W-73.30	033812	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	Potomac WFP HGPOWF;
Drainage Basins	
Planning Areas	Bi-County;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	10,188	3,938	300	5,950	1,000	1,250	1,200	1,150	1,100	250	
Land											
Site Improvements & Utilities											
Construction	66,700			66,700		1,700	22,000	22,000	18,000	3,000	
Other	3,649		15	3,634	50	148	1,160	1,158	955	163	
Total	80,537	3,938	315	76,284	1,050	3,098	24,360	24,308	20,055	3,413	

C. Funding Schedule (000's)

WSSC Bonds	80,537	3,938	315	76,284	1,050	3,098	24,360	24,308	20,055	3,413
------------	--------	-------	-----	--------	-------	-------	--------	--------	--------	-------

D. Description & Justification

DESCRIPTION

This project includes planning, which involves community outreach and coordination with elected officials, design and construction of a submerged channel intake to provide an additional barrier against drinking water contamination (particularly Giardia cysts and Cryptosporidium oocysts), as well as to enhance reliability and reduce treatment costs by drawing water from a location with cleaner, more stable water quality.

JUSTIFICATION

The project is expected to pay for itself over time based upon the reduced chemical and solids handling costs resulting from the cleaner raw water source. It also provides for a more reliable supply by eliminating the current problems associated with ice and vegetation blocking the existing bank withdrawal. This project is consistent with the industry's recommended multiple barrier approach.

Technical Memorandum No. 2 Water Quality Needs Assessment," O'Brien & Gere Engineers, Inc. (November 2001); "Draft Source Water Assessment Study," Maryland Department of the Environment (April 2002); "Potomac WFP Facility Plan," O'Brien & Gere Engineers, Inc. (September 2002). "Draft Feasibility Study Report", Black & Veatch (November 2013).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. As part of the planning phase of this project, significant outreach activities will occur. A series of briefings with State legislators, County Council members, County Executive staff and County Council staff will be undertaken prior to commencement of further engineering work. As the planning process moves into its final stages and the National Environmental Policy Act (NEPA) approval process is underway, elected officials, county government staffs, environmental community members, and the general public will be engaged in an on-going information, outreach and project participation program. Expenditure and schedule projections shown above are planning level estimates and may change based on site-specific conditions and design constraints. Both Councils will review the results of the detailed study and must approve continuing with the project before design and construction may proceed. Land costs are included in WSSC Project W-202.00.

COORDINATION

Coordinating Agencies: Montgomery County Government; Prince George's County Government; National Park Service; Montgomery County Department of Environmental Protection; Maryland Department of the Environment; Maryland Department of Natural Resources; Prince George's County Department of Environmental Resources; U.S. Army Corps of Engineers; Maryland-National Capital Park & Planning Commission;

Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$5,541	23
Total Cost	\$5,541	23
Impact on Water and Sewer Rate	\$0.11	23

F. Approval and Expenditure Data (000's)

Date First in Program		FY 04
Date First Approved		FY 03
Initial Cost Estimate		936
Cost Estimate Last FY		82,638
Present Cost Estimate		80,537
Approved Request Last FY		1,100
Total Expense & Encumbrances		3,938
Approval Request Year 1		1,050

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	Planning
Percent Complete	95%
Est Completion Date	FY 2022

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT AVAILABLE

Rocky Gorge Pump Station Upgrade

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
W-172.08	063805	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bl-County;

B. Expenditure Schedule (000's)

Cost Elements		Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision		4,828	2,961	467	1,400	934	466					
Land												
Site Improvements & Utilities												
Construction		13,378	1,494	2,971	8,913	5,942	2,971					
Other		1,376		344	1,032	688	344					
Total		19,582	4,455	3,782	11,345	7,564	3,781					

C. Funding Schedule (000's)

WSSC Bonds	19,582	4,455	3,782	11,345	7,564	3,781						
------------	--------	-------	-------	--------	-------	-------	--	--	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the modification and/or expansion of the Rocky Gorge Pump Station to allow the station to provide up to 110 MGD of raw water to the Patuxent Water Filtration Plant.

JUSTIFICATION

The modification and expansion of the Rocky Gorge Raw Water Pumping Station will provide a firm raw water pumping capacity of 110 MGD. The improvements to the pump station, along with a fourth water pipeline (W-172.07) and expansion of the Patuxent Plant (W-172.05) will give the Patuxent Plant a firm nominal capacity of 72 MGD, with emergency capacity of 110 MGD.

Patuxent WFP Facility Plan (April 1997); In-House Study (April 2002)

COST CHANGE

Costs increased based upon revised construction estimates and increased estimates for construction supervision.

OTHER

The project scope remains the same. Expenditure and schedule projections shown in Block B above are design level estimates and may change based upon actual bids. The current plan calls for construction to begin in December 2015, following completion of the Prince George's side of the Duckett Dam upgrade. The construction expenditures through FY'15 include the upgrade of the station's existing turbines, which were part of the overall station upgrade, but were contracted separately.

COORDINATION

Coordinating Agencies: Maryland State Highway Administration; Montgomery County Government; Prince George's County Government; Maryland Department of the Environment; Baltimore Gas & Electric;
Coordinating Projects: W-172.05-Patuxent WFP Phase II Expansion; W-172.07-Patuxent Raw Water Pipeline; W-139.02-Duckett & Brighton Dam Upgrades;

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$1,347	19
Total Cost	\$1,347	19
Impact on Water and Sewer Rate	\$0.03	19

F. Approval and Expenditure Data (000's)

Date First in Program		FY 06
Date First Approved		FY 03
Initial Cost Estimate		12,930
Cost Estimate Last FY		17,932
Present Cost Estimate		19,582
Approved Request Last FY		6,205
Total Expense & Encumbrances		4,455
Approval Request Year 1		7,564

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	99%
Est Completion Date	December 2017

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT AVAILABLE

WATER MONTGOMERY COUNTY

Brink Zone Reliability Improvements

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
W-90.04	143800	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	Woodfield HG740A; Clarksburg HG740B;
Drainage Basins	
Planning Areas	Gaithersburg & Vicinity PA 20;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	1,715	295	460	960	250	600	110				
Land											
Site Improvements & Utilities											
Construction	4,300			4,300	1,000	3,000	300				
Other	859		69	790	188	540	62				
Total	6,874	295	529	6,050	1,438	4,140	472				

C. Funding Schedule (000's)

WSSC Bonds	6,874	295	529	6,050	1,438	4,140	472				
------------	-------	-----	-----	-------	-------	-------	-----	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design and construction of a new water pumping station and pipeline to increase reliability and redundancy to the Montgomery County High Zone water transmission system.

JUSTIFICATION

The Neelsville Water Pumping Station is the sole delivery of water from the Montgomery County High Zone (HG660) through a single 24-inch diameter PCCP Water Transmission Main that crosses 2 miles to the Brink Elevated Tank (HG760). The selected alternative will effectively deliver water to the Brink Elevated Tank and, in turn, the Cedar Heights (HG836), Damascus (HG960), and dependent pressure zones.

Business Case Evaluation: Brink Reliability Assessment, Black & Veatch (June 2013)

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. Expenditure and schedule projections shown in Block B are planning level estimates derived from the Business Case Analysis.

COORDINATION

Coordinating Agencies: Montgomery County Government; Montgomery County Department of Environmental Protection; Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission;
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$473	
Total Cost	\$473	
Impact on Water and Sewer Rate	\$0.01	

F. Approval and Expenditure Data (000's)

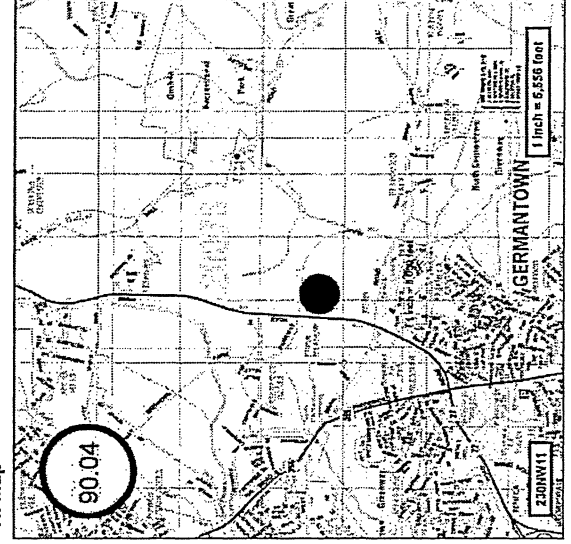
Date First in Program		FY 14
Date First Approved		FY 14
Initial Cost Estimate		345
Cost Estimate Last FY		6,909
Present Cost Estimate		6,874
Approved Request Last FY		673
Total Expense & Encumbrances		295
Approval Request Year 1		1,438

G. Status Information

Land Status		Not Applicable
Project Phase		Design
Percent Complete		10%
Est Completion Date		September 2018

Growth		
System Improvement		100%
Environmental Regulation		
Population Served		
Capacity		13 MGD

H. Map



Clarksburg Area Stage 3 Water Main, Part 4

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
W-46.24	113800	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	Brink HG760A;
Drainage Basins	
Planning Areas	Clarksburg & Vicinity PA 13;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	455	134	150	171	120	45	6				
Land											
Site Improvements & Utilities											
Construction	3,028	1,300	280	1,448	879	503	66				
Other	308		65	243	150	82	11				
Total	3,791	1,434	495	1,862	1,149	630	83				

C. Funding Schedule (000's)

Contribution/Other	3,791	1,434	495	1,862	1,149	630	83				
--------------------	-------	-------	-----	-------	-------	-----	----	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the design and construction of 3,580 feet of 24-inch diameter water main along Route 27 and Route 355 and 2,920 feet of 24-inch diameter water main along West Old Baltimore Road.

JUSTIFICATION

This water main is planned to serve the area designated as "Stage 3" in the Clarksburg Master Plan and Hyattstown Special Study Area, approved and adopted in June 1994.

General Plan and M-NCP&PC Round 6 growth forecasts.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. Expenditure and schedule projections shown in Block B are based on information provided by the developer. Design and construction of this project will be performed by the developer under System Extension Permits. The estimated completion date is developer dependent. No WSSC rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Montgomery County Government; Maryland-National Capital Park & Planning Commission; Maryland State Highway Administration;

Coordinating Projects: W-46.14-Clarksburg Area Stage 3 Water Main, Parts 1, 2 & 3; W-46.15-Clarksburg Elevated Water Storage Facility; W-46.25-Clarksburg Area Stage 3 Water Main, Part 5;

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance	\$120	20
Other Project Costs		
Debt Service		
Total Cost	\$120	20
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

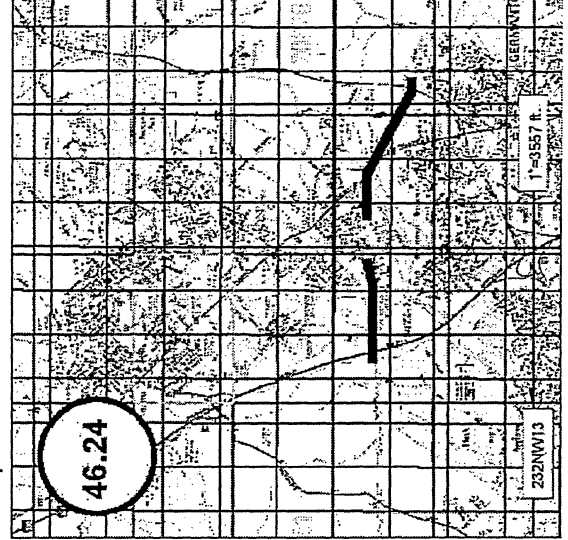
Date First in Program	FY 11
Date First Approved	FY 97
Initial Cost Estimate	1,954
Cost Estimate Last FY	3,789
Present Cost Estimate	3,791
Approved Request Last FY	1,149
Total Expense & Encumbrances	1,434
Approval Request Year 1	1,149

G. Status Information

Land Status	Not Applicable
Project Phase	Construction
Percent Complete	35%
Est Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	

H. Map



Clarksburg Area Stage 3 Water Main, Parts 1, 2, & 3

A. Identification and Coding Information			
Agency Number	Project Number	Update Code	
W-46.14	973818	Change	

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	Cedar Heights HG836A; Brink HG760A;
Drainage Basins	
Planning Areas	Clarksburg & Vicinity PA 13;

B. Expenditure Schedule (000's)

Cost Elements		Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision		1,040	300	200	540	451	78	11				
Land												
Site Improvements & Utilities												
Construction		4,460	2,532	500	1,428	1,072	310	46				
Other		400		105	295	228	58	9				
Total		5,900	2,832	805	2,263	1,751	446	66				

C. Funding Schedule (000's)

Contribution/Other	5,900	2,832	805	2,263	1,751	446	66					
--------------------	-------	-------	-----	-------	-------	-----	----	--	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the design and construction of 8,200 feet of 24-inch diameter water main to the proposed Clarksburg Elevated Water Storage Facility (WSSC Project W-46.15) and 9,800 feet of 16-inch water main along Whalen Lane, Clarksburg Road, and various proposed subdivision streets.

JUSTIFICATION

This water main is planned to serve the area designated as "Stage 3" in the Clarksburg Master Plan and Hyattstown Special Study Area, approved and adopted in June 1994.

General Plan and M-NCP&PC Round 6 growth forecasts; Ten Mile Creek Area Limited Master Plan (2014).

COST CHANGE

Not applicable.

OTHER

The project scope remains the same. Expenditure and schedule projections shown in Block B are based upon information provided by the developer. Design and construction will be performed by the developer under System Extension Permits. The estimated completion date is developer dependent. No WSSC rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Montgomery County Government; Maryland-National Capital Park & Planning Commission;
Coordinating Projects: W-46.15-Clarksburg Elevated Water Storage Facility; S-84.47-Clarksburg Triangle Outfall Sewer, Part 2; W-46.24-Clarksburg Area Stage 3 Water Main, Part 4;

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance	\$331	20
Other Project Costs		
Debt Service		
Total Cost	\$331	20
Impact on Water and Sewer Rate	\$0.01	20

F. Approval and Expenditure Data (000's)

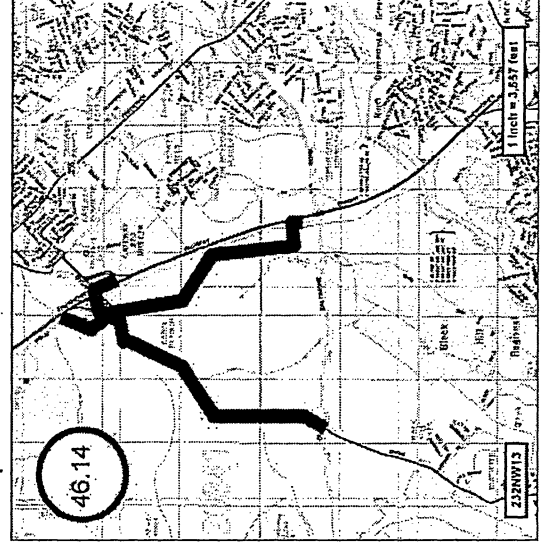
Date First in Program	FY 97
Date First Approved	FY 97
Initial Cost Estimate	3,376
Cost Estimate Last FY	5,900
Present Cost Estimate	5,900
Approved Request Last FY	1,751
Total Expense & Encumbrances	2,832
Approval Request Year 1	1,751

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	Construction
Percent Complete	60%
Est Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	

H. Map



Clarksburg Area Stage 3 Water Main, Part 5

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W-46.25	163801	Change

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	Brink HG760A;
Drainage Basins	
Planning Areas	Clarksburg & Vicinity PA 13;

B. Expenditure Schedule (000's)

Cost Elements		Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision		182		160	22	15	7					
Land												
Site Improvements & Utilities												
Construction		1,230		1,079	151	113	38					
Other		212		186	26	19	7					
Total		1,624		1,425	199	147	52					

C. Funding Schedule (000's)

SDC	1,624	1,425	199	147	52							
-----	-------	-------	-----	-----	----	--	--	--	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the design and construction of 2,700 feet of 24-inch diameter water main along Route 355 and West Old Baltimore Road.

JUSTIFICATION

This water main is planned to serve the area designated as "Stage 3" in the Clarksburg Master Plan and Hyattstown Special Study Area, approved and adopted in June, 1994.

General Plan and M-NCPPC Round 6 growth forecasts.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. Pending area road projects had resulted in the need to accelerate portions of the 24-inch water project separate from developer-built project W-46.24. The WSSC-built portions will now be completed under Project W-46.25 in conjunction with Montgomery County and Maryland State Highway Administration road projects. No rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Montgomery County Government; Maryland-National Capital Park & Planning Commission; Maryland State Highway Administration; Montgomery County Department of Public Works and Transportation;
Coordinating Projects: W-46.24-Clarksburg Area Stage 3 Water Main, Part 4;

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		\$50
Other Project Costs		
Debt Service		
Total Cost		\$50
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

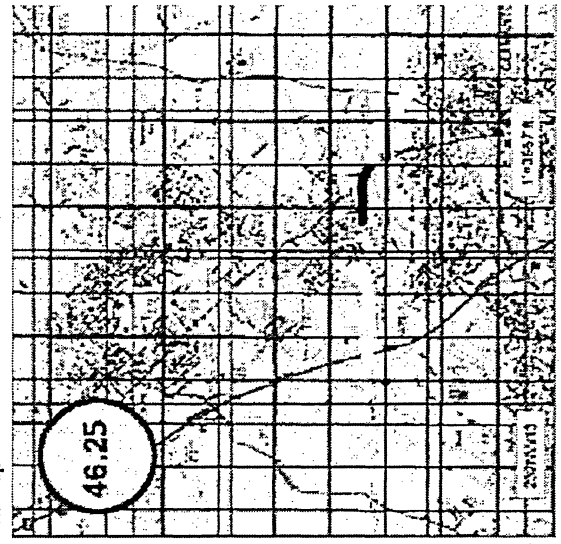
Date First in Program		FY16
Date First Approved		FY97
Initial Cost Estimate		1,624
Cost Estimate Last FY		1,624
Present Cost Estimate		1,624
Approved Request Last FY		147
Total Expense & Encumbrances		
Approval Request Year 1		147

G. Status Information

Land Status		Not Applicable
Project Phase		Planning
Percent Complete		20%
Est Completion Date		FY 2018

Growth		100%
System Improvement		
Environmental Regulation		
Population Served		
Capacity		

H. Map



Clarksburg Elevated Water Storage Facility

A. Identification and Coding Information			PDF Date	October 1, 2015	Pressure Zones	Clarksburg HG760B;
Agency Number	Project Number	Update Code	Date Revised		Drainage Basins	
W-46.15	973819	Change			Planning Areas	Clarksburg & Vicinity PA 13;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	829	311	240	278	134	123	21				
Land											
Site Improvements & Utilities											
Construction	4,413			4,413	983	2,940	490				
Other	740		36	704	168	459	77				
Total	5,982	311	276	5,395	1,285	3,522	588				

C. Funding Schedule (000's)

SDC	5,982	311	276	5,395	1,285	3,522	588				
-----	-------	-----	-----	-------	-------	-------	-----	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the community outreach, site selection, planning, design, and construction for a 1 million gallon (MG) elevated storage facility in the HG760 water pressure zone.

JUSTIFICATION

This project is required to meet projected future growth in the HG760 pressure zone. Reevaluation of this project with Round 6.2 growth forecasts indicates a storage deficit for this zone. The facility plan identified the preferred location for the water storage facility. As noted in the facility plan, public meetings were held to obtain comments concerning the location.

Montgomery County High Zone Supply Facility Plan, WSSC; M-NCP&PC Round 6.2 growth forecasts; Western Clarksburg Facility Plan, Rogers Associates (December 2004); Water Storage Volume Criteria Report (November 2005); Finished Water Storage Analysis (December 2013).

COST CHANGE

Costs increased due to the increased storage capacity of the facility, resulting in a revised construction estimate.

OTHER

The project scope has remained the same. Expenditure and schedule projections shown in Block B are planning level estimates and may change based upon site-specific conditions and design constraints. The resulting decision of the Montgomery County Planning Board Mandatory Referral is for WSSC to hold a design charrette to address the aesthetic and landscaping concerns and submit details of the final landscaping surrounding the facility before going into final design. Land costs are included in WSSC Project W-202.00.

COORDINATION

Coordinating Agencies: Montgomery County Government; Maryland-National Capital Park & Planning Commission; (Mandatory Referral Hearing was held on April 3, 2008)

Coordinating Projects: W-46.14-Clarksburg Area Stage 3 Water Main, Parts 1, 2 & 3;

E. Annual Operating Budget Impact (000's)

Staff	FY of Impact
Maintenance	
Other Project Costs	
Debt Service	
Total Cost	
Impact on Water and Sewer Rate	

F. Approval and Expenditure Data (000's)

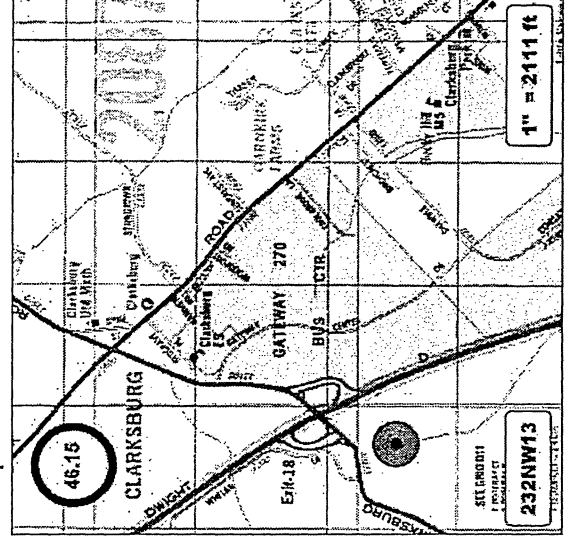
Date First in Program	FY 97
Date First Approved	FY 97
Initial Cost Estimate	138
Cost Estimate Last FY	4,836
Present Cost Estimate	5,982
Approved Request Last FY	127
Total Expense & Encumbrances	311
Approval Request Year 1	1,285

G. Status Information

Land Status	Land and RW to be acquired
Project Phase	Design
Percent Complete	10%
Est Completion Date	FY 2019

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	1 MG

H. Map



Olney Standpipe Replacement

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W-3.02	063801	Change

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	2,169	1,305	230	634	304	304	26				
Land	25	25									
Site Improvements & Utilities											
Construction	6,054	4	233	5,817	2,792	2,792	233				
Other	1,036		69	967	464	464	39				
Total	9,284	1,334	532	7,418	3,560	3,560	298				

C. Funding Schedule (000's)

WSSC Bonds	9,284	1,334	532	7,418	3,560	3,560	298				
------------	-------	-------	-----	-------	-------	-------	-----	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the community outreach, planning, site selection, design and construction of up to 1.5 million gallons (MG) of elevated storage to serve the Olney area, and for the removal of the existing Olney Standpipe.

JUSTIFICATION

The efforts of the Systems Control Group have improved the minimum chlorine residual concentrations and appear to have lowered the THM concentrations in the distribution system. However, these efforts still leave the Olney area with troublesome chlorine residuals and result in low-pressure complaints during the drawdown efforts. The existing Olney Standpipe with 1.8 million gallons of non-usable storage requires constant attention to maintain acceptable water quality.

Montgomery County High Zone Facility Plan, Boyle Engineering (1991); Memorandum from Jeff Asner to Karen Wright dated March 22, 2004; Water Storage Volume Criteria Report (November 2005).

COST CHANGE

Costs increased based on more defined engineer's estimate and additional inspection and project management services.

OTHER

The project scope has remained the same. Expenditure and schedule projections shown in Block B are based upon final design and may change based upon actual bid. The project has been delayed due to easement requirements and permitting with the Maryland Department of Environment and the Maryland State Highway Administration.

COORDINATION

Coordinating Agencies: Maryland State Highway Administration; Montgomery County Government; Maryland-National Capital Park & Planning Commission; (anticipates receiving Mandatory Referral submissions); Maryland Department of the Environment; Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff	FY of Impact
Maintenance	
Other Project Costs	
Debt Service	\$639
Total Cost	\$639
Impact on Water and Sewer Rate	\$0.01
	20

F. Approval and Expenditure Data (000's)

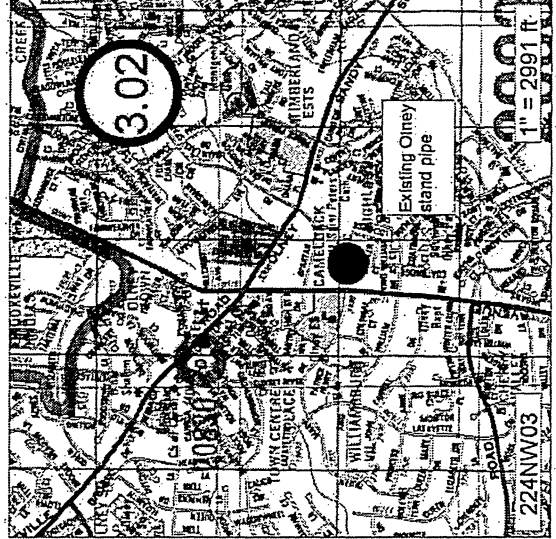
Date First in Program	FY 06
Date First Approved	FY 06
Initial Cost Estimate	3,911
Cost Estimate Last FY	8,079
Present Cost Estimate	9,284
Approved Request Last FY	2,286
Total Expense & Encumbrances	1,334
Approval Request Year 1	3,560

G. Status Information

Land Status	Land acquired
Project Phase	Design
Percent Complete	100%
Est Completion Date	FY 2019

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	1.5 MG

H. Map



Shady Grove Standpipe Replacement

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W-138.02	093801	Change

PDF Date	October 1, 2015
Date Revised	

Pressure Zones	Montgomery High HG660A;
Drainage Basins	
Planning Areas	Gaithersburg & Vicinity PA 20;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	2,137	1,368	175	594	309	285					
Land											
Site Improvements & Utilities											
Construction	5,923		472	5,451	2,844	2,607					
Other	1,004		97	907	473	434					
Total	9,064	1,368	744	6,952	3,626	3,326					

C. Funding Schedule (000's)

WSSC Bonds	9,064	1,368	744	6,952	3,626	3,326					
------------	-------	-------	-----	-------	-------	-------	--	--	--	--	--

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 3.0 million gallons (MG) of elevated storage to replace the existing Shady Grove Standpipe.

JUSTIFICATION

The existing 5.0 MG standpipe is in need of extensive repairs. Replacing the standpipe with a smaller elevated storage facility will provide the same level of service while helping to meet U.S. Environmental Protection Agency regulations for disinfectant by-products and improving water quality.

1

Water Storage Volume Criteria Report (November 2005); 2006 Water Production Projections; WSSC Memorandum dated May 7, 2007, from Karen Wright, Systems Control Group Leader; WSSC Memorandum dated May 24, 2007, from Tim Hirrel, Planning Group.

COST CHANGE

Costs increased due to additional inspection and project management services.

OTHER

The project scope has remained the same. Expenditure and schedule projections shown in Block B are design level estimates and may change based upon actual bid. The project has been delayed due to easement and permitting requirements with the Maryland Department of Natural Resources and City of Rockville.

COORDINATION

Coordinating Agencies: Montgomery County Government; City of Rockville; Maryland Department of the Environment; Maryland Department of Natural Resources; Maryland-National Capital Park & Planning Commission; Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff	FY of Impact
Maintenance	
Other Project Costs	
Debt Service	\$624
Total Cost	\$624
Impact on Water and Sewer Rate	\$0.01
	19

F. Approval and Expenditure Data (000's)

Date First in Program	FY 09
Date First Approved	FY 09
Initial Cost Estimate	7,475
Cost Estimate Last FY	8,088
Present Cost Estimate	9,064
Approved Request Last FY	3,363
Total Expense & Encumbrances	1,368
Approval Request Year 1	3,626

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	98%
Est Completion Date	FY 2018

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	3.0 MG

H. Map



Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 06/14/2016 11:55 AM

WSSC

Sewerage Bi-County

	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
Land & Rights-of-Way Acquisition - Bi-County (S) (P163800)	204	0	20	184	122	22	10	10	10	10	0	122
Blue Plains WWTP: Plant Wide Projects (P023805)	303,487	192,462	8,784	72,613	8,242	8,358	10,582	19,051	14,357	12,023	28,628	8,242
Blue Plains WWTP: Enhanced Nutrient Removal (P083800)	398,919	248,209	59,871	88,681	47,437	33,948	3,993	2,203	836	264	2,158	47,437
Septage Discharge Facility Planning & Implement. (P103802)	14,478	919	751	12,808	2,455	3,728	3,779	2,135	711	0	0	2,455
Blue Plains: Pipelines and Appurtenances (P113804)	176,502	70,020	13,521	76,391	17,094	13,347	9,980	9,813	12,204	13,953	16,570	17,094
Trunk Sewer Reconstruction Program (P113805)	790,060	201,575	105,357	483,128	145,521	134,664	67,950	63,807	47,236	23,950	0	145,521
Blue Plains WWTP: Liquid Train PT 2 (P954811)	359,105	256,979	9,720	83,264	12,078	16,284	19,453	15,286	9,242	10,921	9,142	12,078
Blue Plains WWTP: Biosolids Mgmt PT2 (P954812)	448,827	397,334	18,097	30,279	4,010	3,542	6,063	5,192	8,626	2,846	1,117	4,010
Piscataway WWTP Bio-Energy Project (P063808)	144,020	1,362	998	141,660	4,254	13,252	47,934	55,440	20,780	0	0	4,254
	2,633,602	1,368,860	217,119	989,008	241,213	227,145	169,744	172,937	114,002	63,967	58,615	241,213

Sewerage Bi-County

Sewerage Montgomery County

Cabin Branch WWPS (P023807)	2,342	12	13	2,317	449	1,566	302	0	0	0	0	449
Cabin Branch WWPS Force Main (P023808)	424	0	17	407	143	240	24	0	0	0	0	143
Clarksburg Triangle Outfall Sewer, Part 2 (P023811)	2,539	1,126	782	631	555	76	0	0	0	0	0	555
Seneca WWTP Enhanced Nutrient Removal (P073800)	13,975	13,833	120	22	22	0	0	0	0	0	0	22
Twinbrook Commons Sewer (P083801)	1,004	607	59	338	159	87	46	46	0	0	0	159
Seneca WWTP Expansion, Part 2 (P083802)	30,484	29,955	507	22	22	0	0	0	0	0	0	22
Tapestry Wastewater Pumping Station (P083803)	1,354	65	500	789	461	328	0	0	0	0	0	461
Tapestry WWPS Force Main (P083804)	134	13	54	67	37	30	0	0	0	0	0	37
Preserve at Rock Creek Wastewater Pumping Station (P103800)	1,967	1,275	692	0	0	0	0	0	0	0	0	0
Preserve at Rock Creek WWPS Force Main (P103801)	391	324	67	0	0	0	0	0	0	0	0	0
Mid-Pike Plaza Sewer Main, Phase 1 (P123801)	4,053	3,730	199	124	124	0	0	0	0	0	0	124
Mid-Pike Plaza Sewer Main, Phase 2 (P143801)	6,094	119	1,434	4,541	3,107	1,434	0	0	0	0	0	3,107
Cabin John Trunk Sewer Relief (P063807)	15,113	21	429	14,663	6,085	5,909	2,669	0	0	0	0	6,085
Shady Grove Station Sewer Augmentation (P063806)	2,254	23	305	1,926	1,181	745	0	0	0	0	0	1,181
	82,128	51,103	5,178	25,847	12,345	10,415	3,041	46	0	0	0	12,345

Sewerage Montgomery County

Water Bi-County

Patuxent WFP Phase II Expansion (P033807)	64,838	10,978	16,466	37,394	17,778	14,744	4,872	0	0	0	0	17,778
Polomac WFP Submerged Channel Intake (P033812)	80,537	3,938	315	76,284	1,050	3,098	24,360	24,308	20,055	3,413	0	1,050
Patuxent Raw Water Pipeline (P063804)	32,436	12,264	42	20,130	5,610	8,910	5,610	0	0	0	0	5,610
Rocky Gorge Pump Station Upgrade (P063805)	19,582	4,455	3,782	11,345	7,564	3,781	0	0	0	0	0	7,564
Duckett and Brighton Dam Upgrades (P073802)	29,692	11,926	4,606	13,160	8,773	4,387	0	0	0	0	0	8,773
Polomac WFP Outdoor Substation No. 2 Replacement (P113802)	15,562	1,599	4,654	9,309	6,982	2,327	0	0	0	0	0	6,982
Large Diameter Water Pipe Rehabilitation Program (P113803)	417,169	79,841	29,927	308,401	48,092	51,443	52,751	51,885	51,865	52,385	0	48,092
Polomac WFP Main Zone Pipeline (P133800)	35,009	397	402	34,210	353	605	20,052	13,200	0	0	0	353
Bi-County Water Tunnel (P934855)	143,855	139,625	4,188	32	32	0	0	0	0	0	0	32
Land & Rights-of-Way Acquisition - Bi-County (P983857)	2,120	0	697	1,423	425	550	20	418	10	0	0	425
Polomac WFP Corrosion Mitigation (P143802)	15,508	1,235	12,034	2,239	2,239	0	0	0	0	0	0	2,239

* = Closeout or Pending Closeout

CIP230 - CC Approved

Expenditure Detail by Category, Sub-Category, and Project (\$000s)

Run Date: 06/14/2016 11:55 AM

Potomac WFP Pre-Filter Chlorination & Air Scour Improvements (P143803)											
Potomac WFP Consent Decree Program (P173801)											
Water BI-County											
Water Montgomery County											
Newcut Road Water Main, Part 2 (P013802)											
Olney Standpipe Replacement (P063801)											
Shady Grove Standpipe Replacement (P093801)											
Clarksburg Area Stage 3 Water Main, Part 4 (P113800)											
Clarksburg Area Stage 3 Water Main, Parts 1, 2 & 3 (P973818)											
Clarksburg Elevated Water Storage Facility (P973819)											
Brink Zone Reliability Improvements (P143800)											
Clarksburg Area Stage 3 Water Main, Part 5 (P163801)											
Water Montgomery County											
WSSC											
WSSC											
Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
11,200	1,070	901	9,229	2,564	6,152	513	0	0	0	0	2,564
27,250	0	0	27,250	2,700	5,650	6,300	6,300	6,300	0	0	2,700
894,758	267,328	77,024	550,406	104,162	101,647	114,478	96,091	76,230	55,798	0	104,162
*											
1,417	1,204	213	0	0	0	0	0	0	0	0	0
9,284	1,334	532	7,418	3,560	3,560	298	0	0	0	0	3,560
9,064	1,368	744	6,952	3,626	3,326	0	0	0	0	0	3,626
3,791	1,434	495	1,862	1,149	630	83	0	0	0	0	1,149
5,900	2,832	805	2,263	1,751	446	66	0	0	0	0	1,751
5,982	311	276	5,395	1,285	3,522	588	0	0	0	0	1,285
6,874	295	529	6,050	1,438	4,140	472	0	0	0	0	1,438
1,624	0	1,425	199	147	52	0	0	0	0	0	147
43,936	8,778	5,019	30,139	12,956	15,676	1,507	0	0	0	0	12,956
3,654,424	1,696,069	304,340	1,595,400	370,676	354,883	288,770	269,074	192,232	119,765	58,615	370,676
3,654,424	1,696,069	304,340	1,595,400	370,676	354,883	288,770	269,074	192,232	119,765	58,615	370,676

* = Closeout or Pending Closeout

CIP230 - CC Approved

Funding Summary by Category, Sub-Category and Revenue Source (\$000s)

Run Date: 06/14/2016 11:56 AM

Project	Funding Source	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 Beyond 6 Yrs
WSSC	Contributions - Other (WSSC only)	48,801	12,785	6,064	29,952	15,213	11,503	3,190	46	0	0
	Federal Aid	71,900	571	499	70,830	2,127	6,626	23,967	27,720	10,390	0
	Municipal (WSSC only)	78,488	53,927	4,274	16,319	3,652	3,429	2,565	2,533	2,233	1,907
	State Aid	221,702	169,758	24,360	27,584	14,675	8,725	2,315	1,307	493	69
	System Development Charge	182,508	169,191	6,869	6,448	1,586	3,874	588	400	0	0
	WSSC Bonds	3,051,025	1,289,837	262,274	1,444,267	333,423	320,726	256,145	237,068	179,116	117,789
	Total Funding Sources	3,654,424	1,696,069	304,340	1,595,400	370,676	354,863	288,770	269,074	192,232	119,765
Sewerage Bl-County	Contributions - Other (WSSC only)	24	0	0	24	12	12	0	0	0	0
	Federal Aid	71,900	571	499	70,830	2,127	6,626	23,967	27,720	10,390	0
	Municipal (WSSC only)	78,488	53,927	4,274	16,319	3,652	3,429	2,565	2,533	2,233	1,907
	State Aid	215,482	163,538	24,360	27,584	14,675	8,725	2,315	1,307	493	69
	WSSC Bonds	2,267,708	1,150,824	187,986	874,251	220,747	208,353	140,897	141,377	100,886	61,991
	Total Funding Sources	2,633,602	1,368,860	217,119	989,008	241,213	227,145	169,744	172,937	114,002	63,967
	Contributions - Other (WSSC only)	37,669	7,315	4,551	25,803	12,301	10,415	3,041	46	0	0
Sewerage Montgomery County	State Aid	6,220	6,220	0	0	0	0	0	0	0	0
	System Development Charge	30,484	29,955	507	22	22	0	0	0	0	0
	WSSC Bonds	7,755	7,613	120	22	22	0	0	0	0	0
	Total Funding Sources	82,128	51,103	5,178	25,847	12,345	10,415	3,041	46	0	0
	System Development Charge	144,418	138,925	4,661	832	132	300	0	400	0	0
	WSSC Bonds	750,340	128,403	72,363	549,574	104,030	101,347	114,478	95,691	78,230	55,798
	Total Funding Sources	894,758	267,328	77,024	550,406	104,162	101,647	114,478	96,091	78,230	55,798
Water Bl-County	Contributions - Other (WSSC only)	11,108	5,470	1,513	4,125	2,900	1,076	149	0	0	0
	System Development Charge	7,606	311	1,701	5,594	1,432	3,574	588	0	0	0
	WSSC Bonds	25,222	2,897	1,805	20,420	8,624	11,026	770	0	0	0
	Total Funding Sources	43,936	8,778	5,019	30,139	12,956	15,676	1,507	0	0	0
	Funding Sources	3,654,424	1,696,069	304,340	1,595,400	370,676	354,863	288,770	269,074	192,232	119,765
Water Montgomery County	Contributions - Other (WSSC only)	11,108	5,470	1,513	4,125	2,900	1,076	149	0	0	0
	System Development Charge	7,606	311	1,701	5,594	1,432	3,574	588	0	0	0
	WSSC Bonds	25,222	2,897	1,805	20,420	8,624	11,026	770	0	0	0
	Total Funding Sources	43,936	8,778	5,019	30,139	12,956	15,676	1,507	0	0	0
	Funding Sources	3,654,424	1,696,069	304,340	1,595,400	370,676	354,863	288,770	269,074	192,232	119,765
WSSC	Contributions - Other (WSSC only)	48,801	12,785	6,064	29,952	15,213	11,503	3,190	46	0	0
	Federal Aid	71,900	571	499	70,830	2,127	6,626	23,967	27,720	10,390	0
	Municipal (WSSC only)	78,488	53,927	4,274	16,319	3,652	3,429	2,565	2,533	2,233	1,907
	State Aid	221,702	169,758	24,360	27,584	14,675	8,725	2,315	1,307	493	69
	System Development Charge	182,508	169,191	6,869	6,448	1,586	3,874	588	400	0	0
	WSSC Bonds	3,051,025	1,289,837	262,274	1,444,267	333,423	320,726	256,145	237,068	179,116	117,789
	Total Funding Sources	3,654,424	1,696,069	304,340	1,595,400	370,676	354,863	288,770	269,074	192,232	119,765