

Streetlighting -- No. 507055

Category **Transportation**
 Agency **Public Works & Transportation**
 Planning Area **Countywide**
 Relocation Impact **None**

Date Last Modified
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 Required Adequate Public Facility

May 13, 2005
7-226(04 App)
NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY04	Remain. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design and Supervision	1,105	0	361	744	149	119	119	119	119	119	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	5,220	0	207	5,013	1,013	1,476	631	631	631	631	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	6,325	0	568	5,757	1,162	1,595	750	750	750	750	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	6,325	0	568	5,757	1,162	1,595	750	750	750	750	0
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ANNUAL OPERATING BUDGET IMPACT (\$000)

Maintenance				108	8	12	16	20	24	28	0
Energy				441	21	42	63	84	105	126	0
Net Impact				549	29	54	79	104	129	154	0
Workyears					0.0	0.0	0.0	0.0	0.0	0.0	0.0

DESCRIPTION

This project provides for the installation and upgrading of streetlighting in the public right-of-way, residential fill-in, high crime areas, high accident areas, and streetlight knockdown replacement. Some funds from this project support the Renew Montgomery program.

Service Area

Countywide

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.

Plans and Studies

New streetlight plans are developed in conformance with established County streetlight standards and are normally implemented under contract with the pertinent local utility company. A review of impacts to pedestrians, bicycles and ADA requirements (Americans with Disabilities Act of 1991) is performed and addressed by this project. Traffic signals, streetlights, crosswalks, bus stops, ADA ramps, bikeways, and other pertinent issues are considered in the design of the project to ensure pedestrian safety.

Cost Change

Cost increase due to higher contracting costs to implement the work provided under this project, increase in the number of streetlights owned by Montgomery County, additional workload to reduce streetlighting upgrading backlog, life cycle replacement backlog, and the addition of FY09-10 to this ongoing project.

STATUS

During FY03, installed or upgraded 37 streetlights, installed pole identifications for approximately 3,250 streetlights, replaced approximately 45 streetlight luminaries and poles in Silver Spring, and reconstructed or replaced 277 streetlights. In FY04, install or upgrade approximately 20 streetlights, complete pole identifications (PEPCO area) approximately 3,500 streetlights, replace approximately 70 streetlight luminaries and poles in Silver Spring, and reconstruct or replace approximately 300 streetlights.

OTHER

A six-year program to replace approximately 275 streetlights in Silver Spring started in FY01 and will be completed in FY06. The level of effort program will not be affected by this plan. *Expenditures will continue indefinitely.

FY05 AND FY06

Knockdown Replacement and Residential Fill In
 High Crime Areas and High Accident Locations
 Pedestrian Enhancements
 Silver Spring
 Renew Montgomery
 Life Cycle Replacement

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY70	(\$000)
Initial Cost Estimate		385
First Cost Estimate		
Current Scope	FY06	6,325
Last FY's Cost Estimate		6,631
Present Cost Estimate		6,325
Appropriation Request	FY06	1,595
Supplemental		
Appropriation Request	FY05	0
Transfer		0
Cumulative Appropriation		1,730
Expenditures/		
Encumbrances		1,505
Unencumbered Balance		225
Partial Closeout Thru	FY03	8,677
New Partial Closeout	FY04	889
Total Partial Closeout		9,566

COORDINATION

Baltimore Gas and Electric Company
 Bell Atlantic Company
 Cable TV Montgomery
 Maryland State Highway Administration
 PEPCO
 Washington Gas and Light
 WSSC
 Montgomery County Pedestrian Safety Advisory Committee
 Citizen's Advisory Boards
 Montgomery County Planning Board

MAP

