McCray, Tiara

From: Gordon Woodward < gwoodward@grsm.com>

Sent: Wednesday, February 7, 2024 1:42 PM

To: McCray, Tiara

Cc: 'Jay Shepherd'; 'Ed Donohue'; M. Carrier Françoise (fcarrier@bregmanlaw.com)

Subject: Abandonment Case - AB 784 (Washington Grove Ln.) - Supplement to the Record - By

HOC - Materials Submitted to WSSC (email 1 of 5)

Attachments: 02-EXIST-520230260.pdf; 03-CNCPT-520230260-001.pdf

[EXTERNAL EMAIL]

Ms. McCray — as you will recall, the Hearing Officer requested that the Housing Opportunities Commission (HOC) submit certain material as a supplement to the record - specifically, the materials that were submitted to WSSC on behalf of HOC by its engineering firm, GLW. Pursuant to this request, we are submitting this material now for the record. This material includes the following:

- •02-EXIST-520230260 (Arial Photo Existing Conditions);
- •03-CNCPT-520230260-001 (Survey);
- •03-CNCPT-520230260-002 (Potential Intersection Re-alignment);
- •03-CNCPT-520230260-003 (Existing and Proposed Street Sections);
- •03-CNCPT-520230260-004 (Emory Grove Road Sections, Existing and Potential);
- •03-CNCPT-520230260-005 (Shady Spring Drive Sections, Existing and Potential);
- •03-CNCPT-520230260-006 (Mid-County Highway Sections, Existing);
- •03-CNCPT-520230260-008 (Historical Composite Map);
- •04-SWM-520230260-002 (Storm Water Concept); and
- •04-SWM-520230260-003 (Existing Utility Plan).

As was reviewed at the hearing, based on discussions with WSSC and the submission of this material, WSSC submitted a comment on December 27, 2023, and another comment on January 25, 2024, both of which stated that "[t]he request to vacate the referenced parcel is recommended, subject to the petitioner granting the two easements to the Commission, of sufficient nature and extent to protect the integrity of existing facilities." As indicated in WSSC's comment on January 25, 2024, WSSC expects the easements within 60 days after the new plat is recorded. As previously indicated, the parties agree to this condition.

Given the size of some of these attachments, we will submit this materials in five separate emails, which will follow. Should you have any questions or concerns, please let us know.

Thank you Gordon

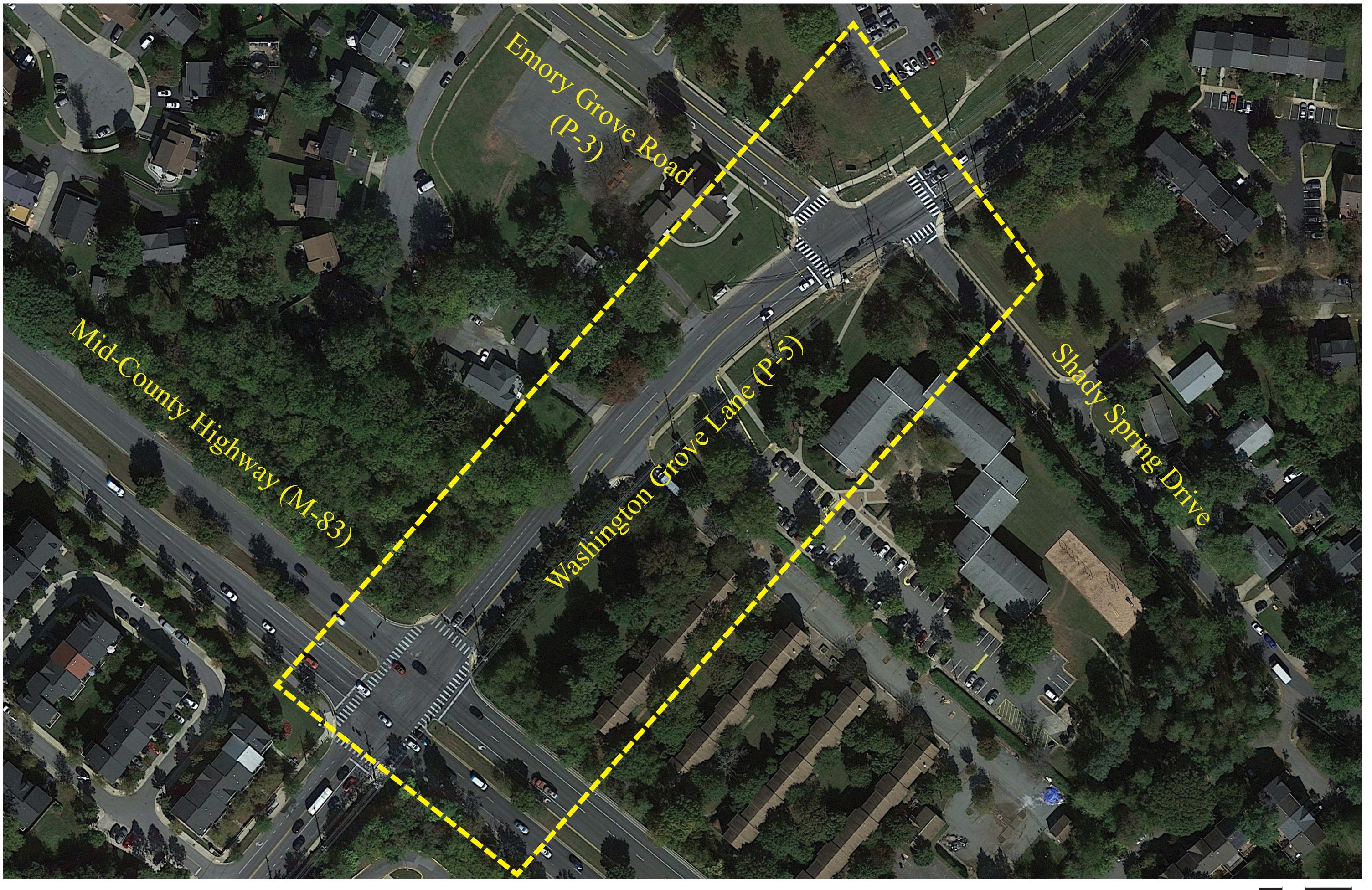
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AB 784 Election District #9 WSSC Grids 224NW08 and 225NW08 Tax Map: GT122

TOWNSCAPE DESIGN LLC TOWN PLANNERS AND LANDSCAPE ARCHITECTS

DRAWN BY: DA DESIGNED BY: DA CHECKED BY: _ DATE: 08/22/2023 SCALE: As Shown

REVISIONS

PLAT 14386

PLAT 14678

STORM DRAIN MANHOLE _____T____T____U/G TELEPHONE LINE

BOL = BOLLARD

MB = MAILBOX

GRT = GRATE

----- ROAD CENTERLINE

D.C. = DEPRESSED CURB

BC = BOTTOM OF CURB

= TOP OF CURB

ABANDONMENT AREA #1 LINE & CURVE TABLE

IIIVE & OOKVE	I/\DLL
BEARING	DISTAN
N 49°48'30" W	42.6
	57.3
N 40°03'36" E	216.8
RADIUS	ARC LENG
1135.00'	320.3
CHORD BEARING	CHORD DIS
N 48°08'46" E	319.3
BEARING	DISTAN
N 56°13'57" E	31.1
	37.4
	40.0
	324.1
S 43°45'27" W	291.6
	BEARING N 49°48'30" W N 07°36'01" W N 40°03'36" E RADIUS 1135.00' CHORD BEARING N 48°08'46" E BEARING N 56°13'57" E S 81°52'46" E S 39°59'29" E S 43°45'27" W

56,826 SQ. FT. or 1.3045 ACRES±

MONTGOMERY COUNTY MARYLAND ACCT# 09-02551340 PARCEL N455

6920/758

(FIRST)

ABANDONMENT AREA #2 LINE & CURVE TABLE

LINE	BEARING	DISTA
L10	N 37°58'27" E	37
L11	N 57°17'08" E	121
CURVE	RADIUS	ARC LEN
	1215.00'	278
C2	CHORD BEARING	CHORD D
	S 46°37'21" W	277
LINE	BEARING	DISTA
L12	S 40°03'36" W	45
L13	N 63°37'07" W	15
L14	N 44°06'32" E	94
I 15	N 44°06'14" F	77

2,946 SQ. FT. or 0.0676 ACRES±

N/F MONTGOMERY COUNTY MARYLAND

ACCT# 09-02551340 PARCEL P455

6920/758

(SECOND)

FORMERLY MARY ELIZABETH MAINHART

OLD DEDICATION LINE

WASHINGTON GROVE LANE

"AREA OF DEDICATION"
AS SHOWN ON PLAT 9277
SIGNED FEBRUARY 17,1969

(RELOCATION RTE.#124)—

291.69'

30' SLOPE EASEMENT

HOUSING AUTHORITY OF MONTGOMERY COUNTY, MARYLAND

ACCT# 09-00771502

PARCEL N542

3970/828 PLAT 9277 LOT 1

EMORY GROVE

INCORPORATED

ACCT# 09-03346092

PARCEL N456

64828/182

PLAT 21904

L14 10' P.U.E,

UNITED METHODIST CHURCH &

SURVEY NOTES

- THIS FIELD SURVEY WAS PERFORMED BY COLLIERS ENGINEERING & DESIGN IN JULY, 2022 AND REFLECTS SITE CONDITIONS AS OF THAT DATE.
- 2. COORDINATES & BEARINGS SHOWN HEREON WERE ESTABLISHED BY GNSS RTN (KEYNET) OBSERVATIONS AND ARE REFERENCED TO THE MD STATE PLANE COORDINATE SYSTEM NAD83(2011) ZONE 1900.

EMORY GROVE UNITED METHODIST CHURCH ACCT# 09-02533603 PARCEL P353 6857/397

118.06' S 39'11'55" W

EMORY GROVE UNITED METHODIST CHURCH ACCT# 09-00770017 PARCEL P404 2785/281 (2785/284)

N $38^{\circ}29^{\circ}41^{\circ}_{-} = \frac{124.52^{\circ}_{-}}{N/F}$

EMORY GROVE UNITED METHODIST CHURCH

ACCT# 09-00770028

PARCEL P405 3423/115 (2785/281)

OLD DEDICATION LINE

OLD DEDICATION LINE

EMORY GROVE UNITED METHODIST CHURCH

ACCT# 09-00775590

PARCEL P403

22455/711

(20607/437)

(5978/170 LOT 3)

∕−P0B**#**2

*C2 \

A331.66'

2,946 SQ. FT. 0.0676 AC.±

FUTURE R.O.W. LINE

"AREA OF DEDICATION" — AS SHOWN ON PLAT 9635 SIGNED APRIL 14,1970

- (RELOCATION RTE.#124)

30' SLOPE EASEMENT

324.14

HOUSING OPPORTUNITIES COMMISSION OF MONTGOMERY COUNTY

ACCT# 09-00767010 PARCEL N485

48622/330

PLAT 9635

LOT 2

N/F

METHODIST CHURCH

ACCT# 09-00774846

PARCEL N408

54560/245

(LOT 2)

AREA #1

56,826 SQ. FT.

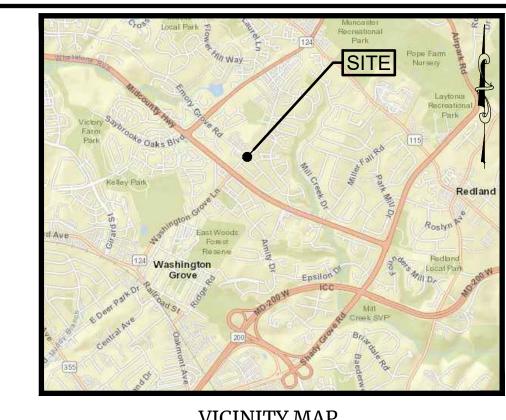
1.3045 AC.±

15"RCP – **10' P.U.E.**

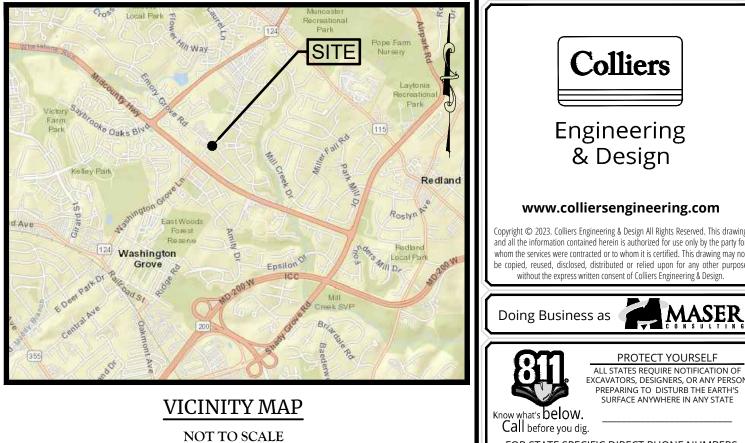
`_15'CMP /

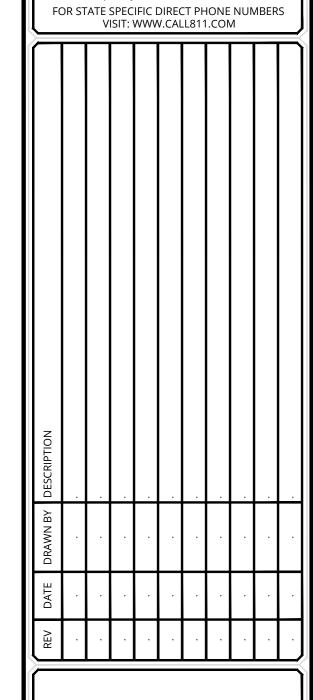
EMORY GROVE UNITED \

- 3. ADDITIONAL INFORMATION SHOWN HEREON IS TAKEN FROM MONTGOMERY COUNTY GIS OPEN DATA.
- 4. PROPERRY OWNER INFORMATION WAS TAKEN FROM PUBLIC INFORMATION FROM MARYLND'S MARYLAND DEPARTMENT OF PLANNING "FINDER ONLINE" WEB APPLICATION AND MAY NOT BE CURRENT OR CORRECT.
- 5. UNDERGROUND UTILITY LINES ARE TAKEN FROM PLANS OF RECORD AND DOES NOT REPRESENT FIELD DESIGNATED LOCATIONS.



SOURCE: MD FINDER ONLINE PARCEL VIEWER





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& Design

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PREPARING TO DISTURB THE EARTH'S
SURFACE ANYWHERE IN ANY STATE

Russell Harlold Smith MARYLAND LAND SURVEYOR LICENSE NUMBER: 21637 COLLIERS ENGINEERING & DESIGN

BOUNDARY SURVEY

HOUSING OPPORTUNITIES COMMISSION

HOUSING AUTHORITY

MONTGOMERY COUNTY

HERITAGE EMORY GROVE ROW ABANDONMENT PROJECT 5-20230260 MONTGOMERY COUNTY MARYLAND

Colliers	
Engineering	

6240 Old Dobbin Lane, Suite 100 Columbia, MD 21045 Phone: 443.393.6021 COLLIERS ENGINEERING & DESIGN, INC DOING BUSINESS AS MASER CONSULT

ALE:	DATE:		DRAWN BY:	CHECKED BY:
S SHOWN	8/18/23		JAF	RHS
OJECT NUMBER: DRAWIN		NG NAME:		

22003338A V-ABANDONMENT

ABANDONMENT PLAN

DATE

DEDICATION FUTURE R.O.W. LINE "THE STREETS TO PUBLIC USE"

N/F M.N.C.P.&P.

ACCT# 09-00768311

BLOCK D, PARCEL A EXEMPT

PLAT 10630

I HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL LAND SURVEYOR, LICENSED IN THE STATE OF MARYLAND AND THAT THIS SURVEY PLAT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS IN COMPLIANCE WITH COMAR 09.13.06.12 OF THE MINIMUM STANDARDS OF PRACTICE.

RUSSELL H. SMITH PROFESSIONAL LAND SURVEYOR, MARYLAND REGISTRATION NO. 21637 LICENSE EXPIRATION DATE: 12/25/2023

ı		PROPERTY LINE		TELEPHONE MANHOLE	—— ОНИ —— ОНИ ——	OVERHEAD WIRE	FO	COMM.FIBER HAND BOX
I		RIGHT OF WAY LINE	MH	UNMARKED MANHOLE	ww	WATER MAIN	E	ELECTRIC HAND BOX
I	BACK	CURB LINE	\overline{W}	WATER MANHOLE		GAS MAIN	₩FH	FIRE HYDRANT
I		CONCRETE EDGE	535	MAJOR CONTOUR	ss	SAN. SEWER LATERAL	G	GAS VALVE
I		PAVEMENT EDGE		MINOR CONTOUR	ss	SAN. SEWER MAIN	O CO	SANITARY CLEANOUT
I	xxx	CHAIN FENCE	× 535.5	SPOT ELEVATION	D D	STORM PIPE	T	TELEPHONE PEDESTAL
I		WOODEN FENCE	× TC 530.6	TOP OF CURB ELEV.	W-1	WETLAND MARKER	№	TRAFFIC HAND BOX
I	··	WETLAND LINE	× BC 530.0	BOTTOM OF CURB ELEV.	- * -	TREE	®	TRAFFIC SIGNAL POLE
١		TREELINE	CATV CATV	U/G CABLE TV LINE		ROADWAY SIGNS	\Diamond	POLE MOUNTED LIGHT
١	E	ELECTRICAL MANHOLE	F0F0	U/G FIBER OPTIC LINE	\Rightarrow	TRAFFIC FLOW	-0-	UTILITY POLE
1								

LEGEND

SANITARY MANHOLE —— E——— E——— U/G ELECTRIC LINE

MONTGOMERY COUNTY, MARYLAND

5405/514

P/O PLAT 10637

ABBREVIATIONS

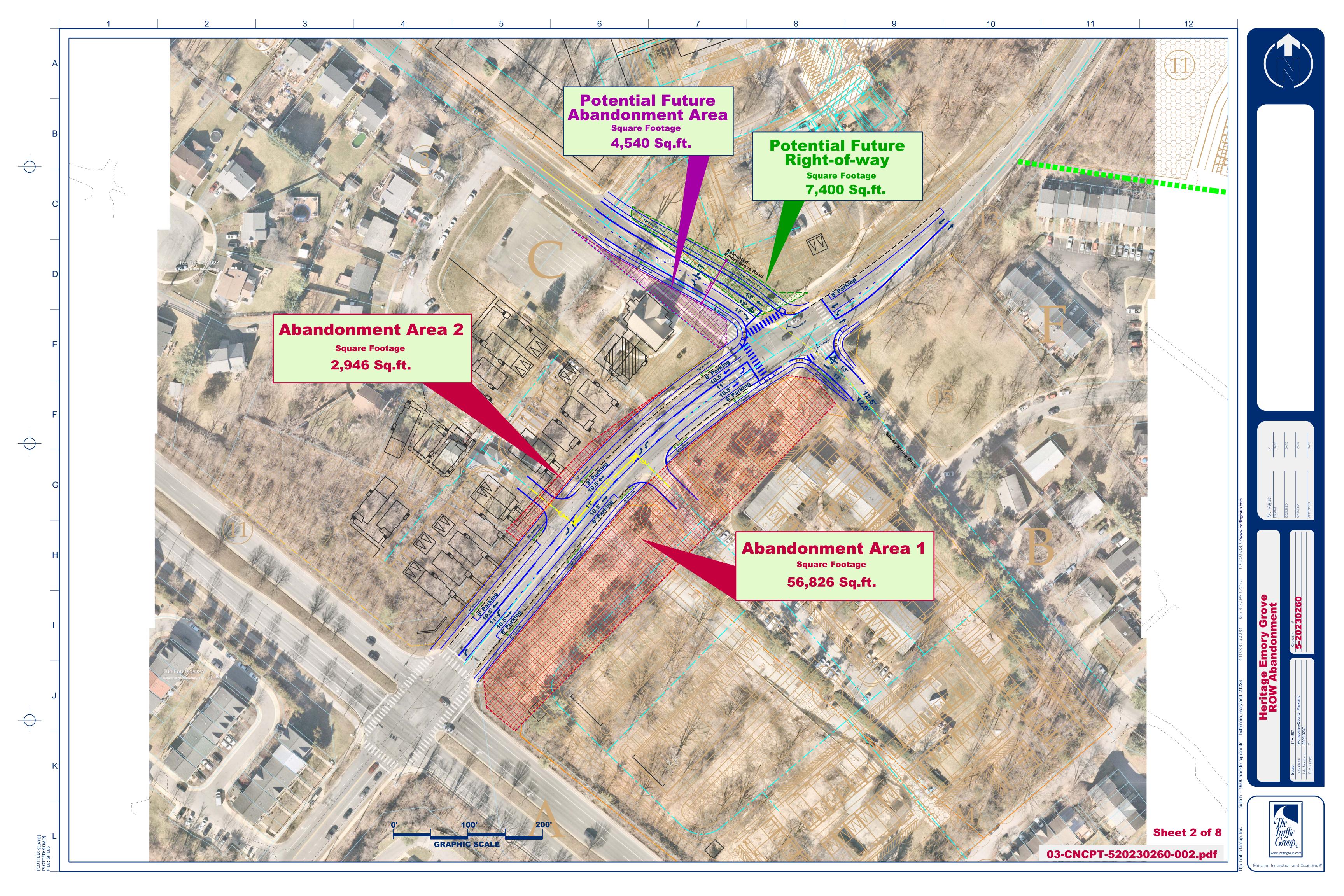
FF = FINISH FLOOR UV = UNKNOWN VALVE MH = MANHOLE

DEP. = DEPRESSED CL = CENTERLINEPM = PARKING METER

MAILBOX

MHWL = MEAN HIGH WATERLINE MLWL= MEAN LOW WATERLINE BW/TW = BOT/TOP OF WALL

SCALE : 1" = 40'



Key Features:

Moderate

frequent

» Development intensity:

of personal vehicles

» Other key features:

street trees

» Transit service: Moderate to

» On-street parking: Provided in

some locations, where feasible

Moderate frequency of driveways,

Moderate- to low-intensity

development, primarily residential

» Vehicle activity: Moderate volume

» Pedestrian and bicycle activity:

F. Neighborhood Connectors

Neighborhood Connectors are residential through streets. While the land uses are predominately medium- or low-intensity residential development, some businesses may be present. Development is typically set back from the street. These streets have longer block lengths and often serve longer-distance travel compared to Neighborhood Streets and Neighborhood Yield Streets. Neighborhood Connectors are important connections for motor vehicles, but also have a strong need to accommodate and encourage pedestrian and bicycle activity. These streets often have bus stops and are key routes in the transit network. Street design for Neighborhood Connectors should focus on reducing vehicle speeds, implementing safe crossings, and providing street lighting, sidewalks and bikeways.

MB Maintenance Buffer

SP Sidepath

SB Street Buffer

Travel Lane

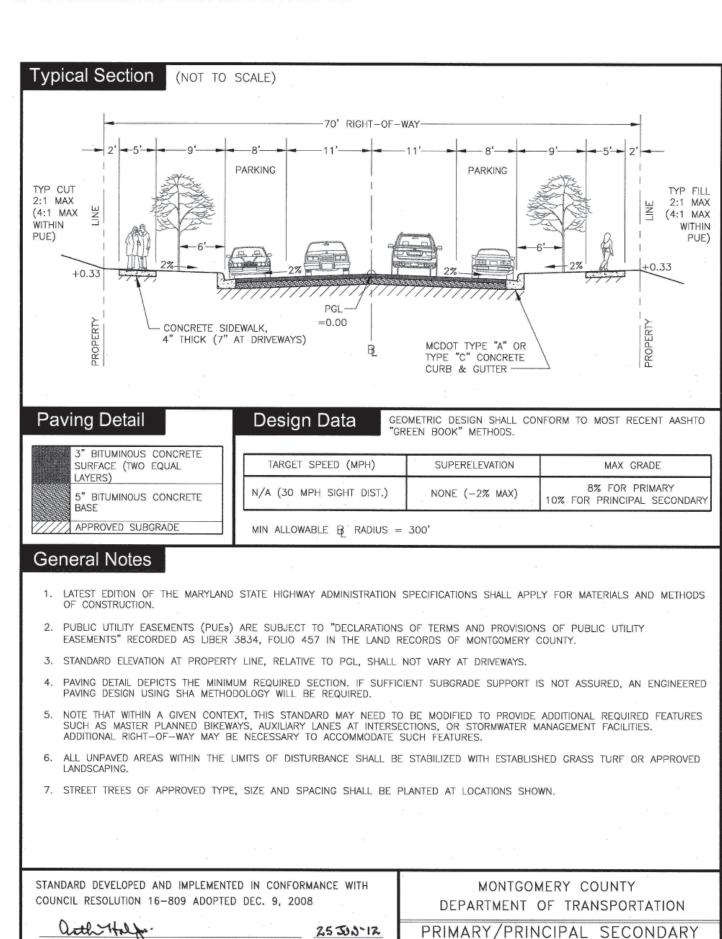


Figure 2-48. Neighborhood Connector

58 CHAPTER 2: STREET TYPES | MONTGOMERY COUNTY STREET TYPES

DIRECTOR, DEPARTMENT OF TRANSPORTATION

CHIEF, DIVISION/OF TRANSPORTATION ENGINEERING



RESIDENTIAL STREET

STANDARD NO. MC-2003.12

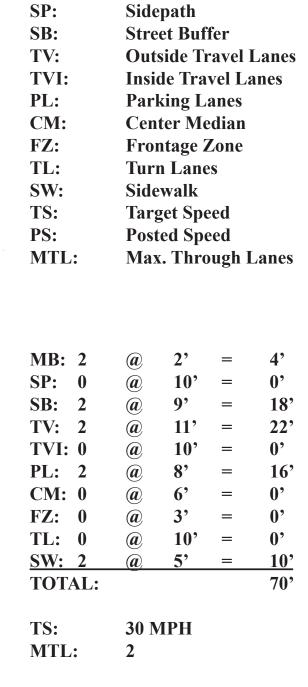
PARKING ON BOTH SIDES

1. MININ	IUM R	REQUIREM	ENTS	2. MINIMUM REQUIREMENTS			
CLOSED				CLOSED SECTION			
NO PARI	KING (&		NO PARI	KING V	WITH	
NO CENT	TER T	URN LANE	1	CENTER	TURN	N LANE	
MB: 2	a	2' =	4'	MB: 2	a	2' =	4'
SP: 1	a	10' =	10'	SP: 1	\mathbf{a}	10' =	10'
SB: 1	a	6' =	6'	SB: 1	\mathbf{a}	6' =	6'
TV: 2	(a)	10.5' =	21'	TV: 2	\mathbf{a}	10.5' =	21'
TVI: 0	(a)	10' =	0,	TVI: 0	\mathbf{a}	10' =	0'
PL: 0	a	8' =	0'	PL: 0	\mathbf{a}	8' =	0'
CM: 0	a	6-10'=	0'	CM: 0	\mathbf{a}	6-10'=	0'
FZ: 0	(a)	3' =	0'	FZ: 0	\mathbf{a}	3' =	0,
TL: 0	(a)	10' =	0'	TL: 1	\mathbf{a}	10' =	10'
SW: 1	<u>a</u>	6' =	<u>6'</u>	SW: 1	<u>a</u>	6' =	<u>6'</u>
TOTAL:			47'	TOTAL:			57'
TS:	25 N	APH		TS:	25 N	APH	
PS:	25 N	ЛРН		PS:	25 N	ЛРН	
MTL:	2			MTL:	2		
3. MININ	IUM R	REQUIREM	ENTS	4. MINIM	IUM R	EQUIREM	ENTS
CLOSED	SECT	TON WITH		CLOSED	SECT	ION WITH	CENTER
ON-STRI	EET PA	ARKING		TURN LA	NE &	ON-STREI	ET PARKING
MB: 2	a	2' =	4'	MB: 2	(a)	2' =	4'
SP: 1	(a)	10' =	10'	SP: 1	\mathbf{a}	10' =	10'
SB: 1	\bigcirc	6' =	6 '	SB: 2	(a)	6' =	12'
TV: 2	(a)	10.5' =	21'	TV: 2	\mathbf{a}	10.5' =	21'
TVI: 0	(a)	10' =	0'	TVI: 0	\mathbf{a}	0' =	0'
PL: 2	\bigcirc	8' =	16'	PL: 2	(a)	8' =	16'
CM: 0	a	6-10'=	0'	CM: 0	\mathbf{a}	6-10'=	0'
FZ: 0	a	3' =	0'	FZ: 0	\bigcirc	3' =	0'
TL: 0	(a)	10' =	0'	TL: 1	(a)	10' =	10'
SW: 1	<u>a</u>	6' =	<u>6'</u>	SW: 1	<u>a</u>	6' =	<u>6'</u>
TOTAL:			63'	TOTAL:			79'
TS:	25 N	APH		TS:	25 N	ЛРН	
DC		CDIT		TD C		EDIT	

Approved 2022 Complete Streets Manual Neighborhood Connector

MTL:

25 MPH

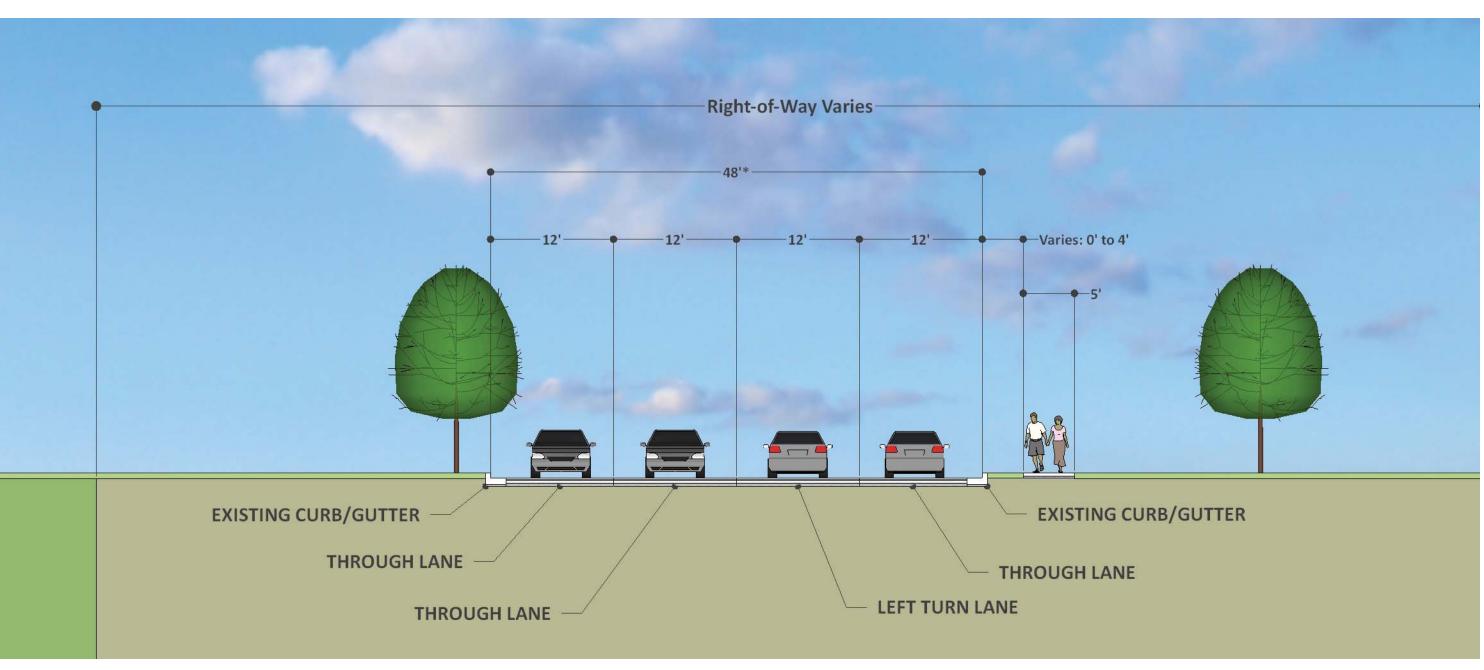


Maintenance Buffer

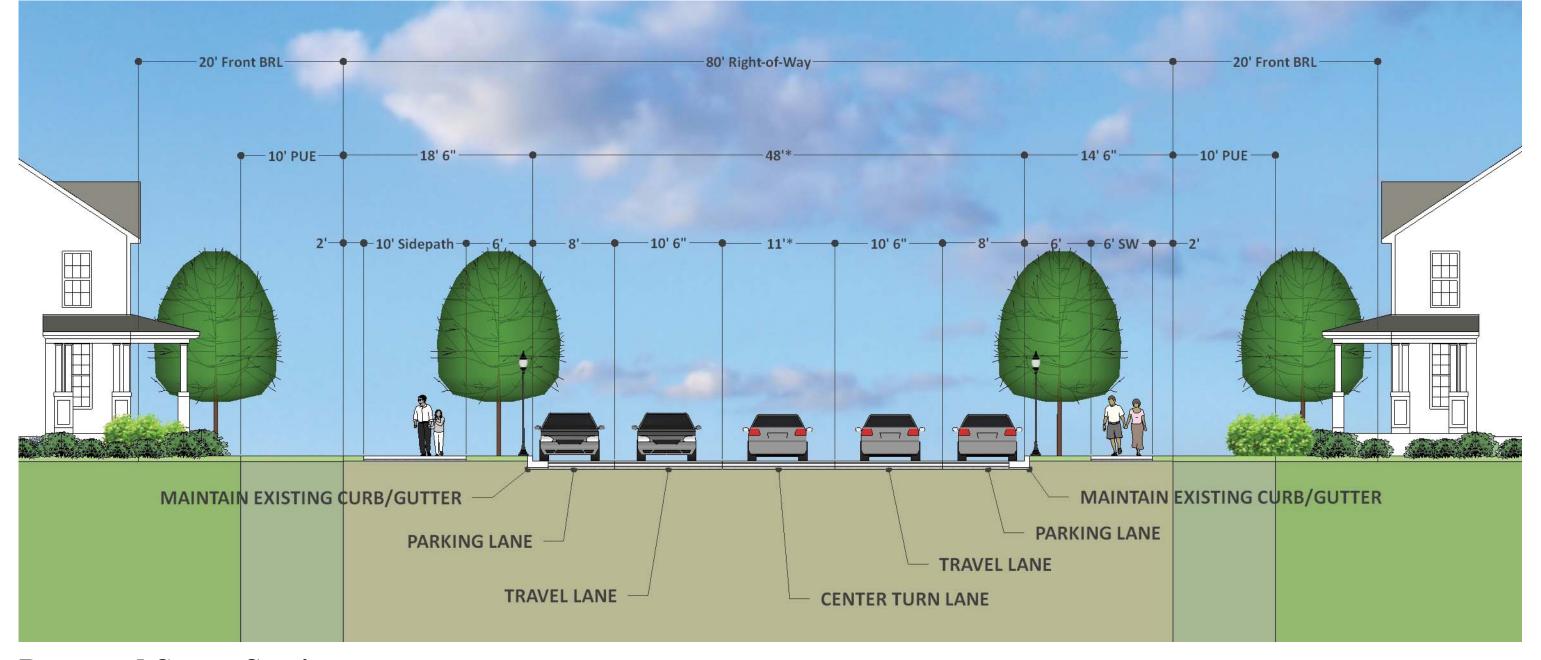
MTL:

MB:

Street Standard MC-2003.12 Primary/Principal Secondary Streets



Existing Street Section for Washington Grove Lane NEIGHBORHOOD CONNECTOR / PRIMARY STREET



Proposed Street Section

NEIGHBORHOOD CONNECTOR / PRIMARY STREET

MB: 2	(a)	2' =	4'
SP: 1	a	10' =	10'
SB: 2	a	6' =	12'
TV: 2	(a)	10.5' =	21'
TVI: 0	a	10' =	0,
PL: 2	(a)	8' =	16'
CM: 0	a	6-10' =	0,
FZ: 0	(a)	3' =	0,
TL: 1	(a)	10' =	10' to 11'
SW: 1	(a)	6' =	<u>6'</u>
TOTAL:	_		80'

MTL:

Washington Grove Lane is a Primary Residential Road (P-5) per the Master Plan of Highways and Transitways (MPOHT), with two existing travel lanes. There is an additional west-bound travel lane and center turning lance between Shady Spring Road and Mid-county Highway. The MPOHT proposes a total of two travel lanes within a planned right-of-way of 70-feet.

The proposed abandonment petition requests a reduction of the existing right-of-way to that which is recommended in the MPOHT with a slightly wider right-of-way near Mid-County Highway in order to accommodate turning lanes. The petition does not request any changes to the existing curb & gutter and/or pavement, with the exception of modifications to two existing entrances, and the closing of one existing entrance and two driveways.

A new 6-foot sidewalk is proposed on the south-east side of the road in certain areas, that will be blended with the existing 5-foot sidewalk. A new 10-foot wide sidepath will be provided on the north-west side of the road consistent with the Bikeway Master Plan. In order to accomplish these future improvements, an 80-foot right-of-way is proposed between Mid-County Highway and Shady Spring Road, and a 70-foot right-of-way is proposed east of Shady Spring Road. As indicated on the tables above, the proposed petition can accommodate multiple configurations of the roadway under the Complete Streets criteria as well.

Between Mid-County Highway and Emory Grove Road, there are two proposed striping options: **25 MPH** Option 1: Maintain existing pavement striping and lane configurations. **25 MPH**

Option 2: If permitted to narrow lanes, pavement will be restriped to provide on-street parking where allowed by code.

No changes to the width and/or configuration of the road and/or curb & gutter is required and/or proposed under either option.

Section: Washington Grove Lane (P-5)

Election District #9 WSSC Grids 224NW08 and 225NW08

Tax Map: GT122

TOWNSCAPE DESIGN LLC
TOWN PLANNERS AND LANDSCAPE ARCHITECTS

DRAWN BY: DA DESIGNED BY: DA CHECKED BY: DATE: 08/22/2023 SCALE: As Shown

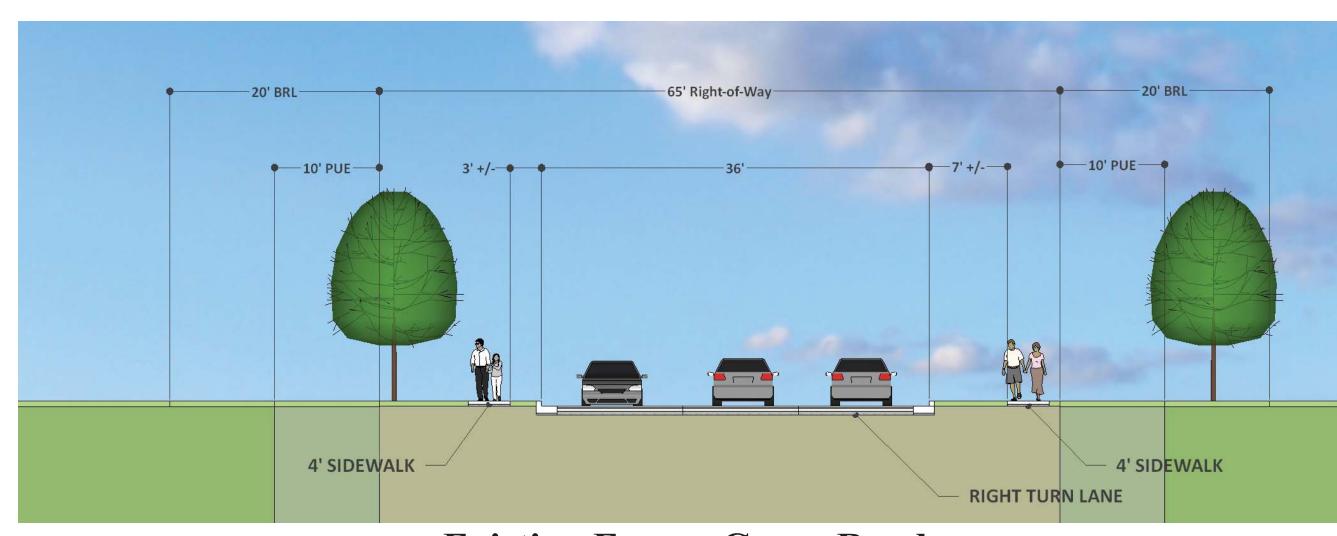
REVISIONS

Heritage Emory Gre ROW Abandonmen Gaithersburg, Maryland

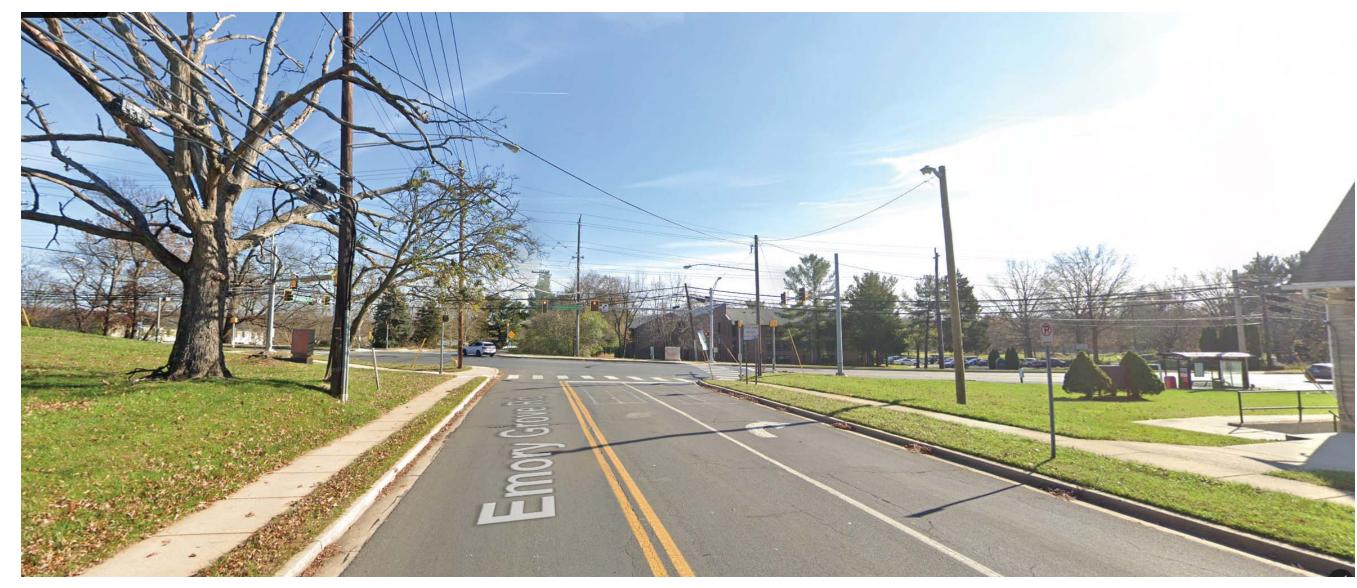
SHEET

These plans are for conceptual use only and are subject to change and refinement.

Potential Future Emory Grove Road Looking South-East



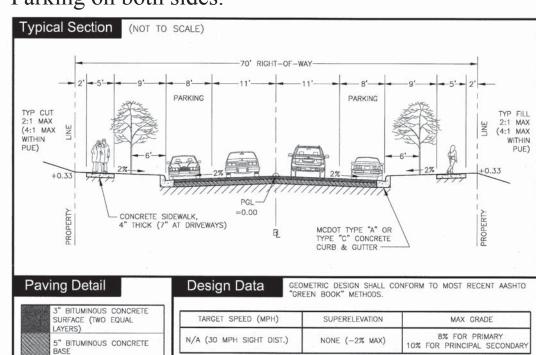
Existing Emory Grove Road
Looking South-East



Existing Emory Grove Road
Looking South-East

Street Standard MC-2003.12

Primary / Principal Secondary Residential Street Parking on both sides.



General Notes

- LATEST EDITION OF THE MARYLAND STATE HIGHWAY ADMINISTRATION SPECIFICATIONS SHALL APPLY FOR MATERIALS AND METHODS OF CONSTRUCTION
- . PUBLIC UTILITY EASEMENTS (PUEs) ARE SUBJECT TO "DECLARATIONS OF TERMS AND PROVISIONS OF PUBLIC UTILITY EASEMENTS" RECORDED AS LIBER 3834, FOLIO 457 IN THE LAND RECORDS OF MONTGOMERY COUNTY. STANDARD ELEVATION AT PROPERTY LINE, RELATIVE TO PGL, SHALL NOT VARY AT DRIVEWAYS.

MIN ALLOWABLE B RADIUS = 300'

- ALL UNPAVED AREAS WITHIN THE LIMITS OF DISTURBANCE SHALL BE STABILIZED WITH ESTABLISHED GRASS TURF OR APPROVED LANDSCAPING.
- . STREET TREES OF APPROVED TYPE, SIZE AND SPACING SHALL BE PLANTED AT LOCATIONS SHOWN

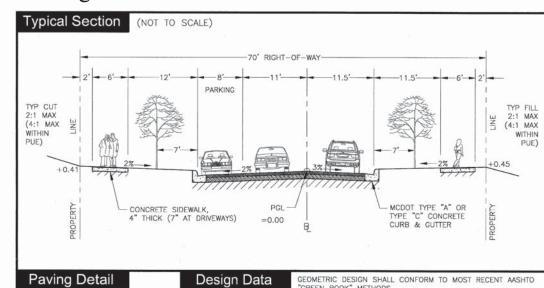
COUNCIL RESOLUTION	16-809 ADOPTED	DEC. 9, 2008
auth Half		25 3
DIRECTOR, DEPARTME	T OF TRANSPOR	TATION DA

DEPARTMENT OF TRANSPORTATION PRIMARY/PRINCIPAL SECONDARY RESIDENTIAL STREET PARKING ON BOTH SIDES STANDARD NO. MC-2003.12

MONTGOMERY COUNTY

Street Standard MC-2003.11

Primary / Principal Secondary Residential Street Parking on one side.



ā. I			15.
Paving Detail	Design Data	GEOMETRIC DESIGN SHALL CON "GREEN BOOK" METHODS.	NFORM TO MOST RECENT AASH
3" BITUMINOUS CONCRETE SURFACE (TWO EQUAL LAYERS)	TARGET SPEED (MPH)	SUPERELEVATION	MAX GRADE
5" BITUMINOUS CONCRETE BASE	N/A (30 MPH SIGHT DIST.)	NONE (-2% OR -3% MAX)	8% FOR PRIMARY 10% FOR PRINCIPAL SECONDA
APPROVED SUBGRADE	MIN ALLOWABLE & RADIUS	S = 300'	: : : : : : : : : : : : : : : : : : :

General Notes

CLOSED SECTION

May be located on private property if required.

- STANDARD ELEVATION AT PROPERTY LINE, RELATIVE TO PGL, SHALL NOT VARY AT DRIVEWAYS.

. STREET TREES OF APPROVED TYPE, SIZE AND SPACING SHALL BE PLANTED AT LOCATIONS SHOWN.

- 3. NOTE THAT ROADWAY SECTION IS NOT SYMMETRICAL RELATIVE TO BASELINE, ACTUAL ORIENTATION OF LEFT AND RIGHT MUST BE REVIEWED AND APPROVED.
- . ALL UNPAYED AREAS WITHIN THE LIMITS OF DISTURBANCE SHALL BE STABILIZED WITH ESTABLISHED GRASS TURF OR APPROVED LANDSCAPING

STANDARD DEVELOPED AND IMPLEMENTED IN CONF	ORMANCE WITH
COUNCIL RESOLUTION 16-809 ADOPTED DEC. 9, 2	8008
anth Holy.	2570012
DIRECTOR, DEPARTMENT OF TRANSPORTATION	DATE
By State	c/21/2012

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION PRIMARY/PRINCIPAL SECONDARY RESIDENTIAL STREET PARKING ON ONE SIDE STANDARD NO. MC-2003.11

Narrative: Emory Grove Road is an existing 2-lane primary roadway with an existing right-of-way is 65-feet. The Complete Streets Manual (CSM) classifies this road as a Neighborhood Street. The Master Plan of Highways and Transitways MPOHT) recommends a planned right-of-way of 70-feet. The existing pavement width is 36-feet. There are existing sidewalks on both sides of the roadway. A 10-foot sidepath bike facility is planned on the north side of this roadway.

The proposed abandonment does not impact this roadway.

This existing right-of-way does not meet the requirements of the Complete Streets Manual and/or the MPOHT. Additional dedication of right-of-way may be required. Future development on the Up-County Center Property may be required to dedicate additional land in order to provide sufficient right-of-way for the future sidepath. Future development may also request approval for on-street parking. The proposed section is for illustrative purposes only. Determination of necessary right-of-way, on-street parking, and other improvements will be determined at preliminary plan approval of adjacent

Section: Emory Grove Road (P-3)

These plans are for conceptual use only and are subject to change and refinement.

Approved 2022 Complete Streets Manual

G. Neighborhood Streets

Neighborhood Streets serve predominantly residential areas with low volumes of motor vehicle traffic. Pedestrian and bicycle activity are common along these streets. Neighborhood streets should have sidewalks on both sides of the street, though in retrofit applications, a sidewalk on one side of the street may be an interim objective in existing neighborhoods with limited right-of-way. Most, but not all, Neighborhood Streets in Montgomery County offer on-street parking. Design for Neighborhood Streets should focus on encouraging slow speeds, pedestrian safety, healthy street trees, and well-defined routes to nearby parks, transit, and schools.

MB Maintenance Buffer

SB Street Buffer

P Parking Lane Travel Lane

Figure 2-55. Neighborhood Street

64 CHAPTER 2: STREET TYPES | MONTGOMERY COUNTY ST

Key Features:

Development intensity: Moderate- to low-intensity

» Pedestrian and bicycle activity:

» Transit service: Typically, limited or none

» On-street parking: Varies/ context-dependent

» Other key features: Frequent curb cuts/driveways, street trees

MINIMUM REQUIREMENTS CLOSED SECTION - NO PARKING

TOTAL:

TS: 20 MPH MTL: 2

*If required, may be provided on private property. preliminary plan.

Bikeable Shoulder

Maintenance Buffer FZ: Frontage Zone Sidepath **Sidewalk Bike Lanes Street Buffer Outside Travel Lanes Inside Travel Lanes TVI: Parking Lanes** Transit Lane(s) **Center Median** Turn Lane(s) **Shoulders**

Target Speed **Posted Speed MTL: Max. Through Lanes**

Freeway Freeway with HOV Lanes Minor Arterial Freeway with Planned BRT

Primary Residential ■■■ Major Highway (Planned) Major Highway -- Business (Planned) ■■ Major Highway with Planned BRT ---- Business ■ ■ Arterial (Planned) ---- Industrial - Major Municipal Roads

Approved 2018 Master Plan of Highways and Transitways

Mid-County Highway (M-83): Majory Highway w/ 4-6D in 150' RW

Washington Grove Lane (P-5): Primary Residential w/ 2D in 70° RW

Emory Grove Road (P-3): Primary Residential w/ 2D in 70' RW

Shady Spring Drive: Unclassified

2022 Complete Streets Manual

Mid-County Highway: Boulevard w/ 150' RW

Washington Grove Lane: Neighborhood Connector w/ 70' RW

> Emory Grove Road: Neighborhood Street w/70' RW

Shady Spring Drive: Neighborhood Street w/ 60' RW



2022 Bicycle Master Plan

Shared Roads

Bikeable Shoulders

Mid-County Highway: Existing Bikeable Shoulder (East) Prop. Sidepath (West)

Washington Grove Lane: Sidepath (Northwest Side)

Emory Grove Road: Sidepath (Northeast Side)

Shady Spring Drive: No Recommendation

AB 784 Election District #9

WSSC Grids 224NW08 and 225NW08 Tax Map: GT122

DRAWN BY: DA

DESIGNED BY: DA

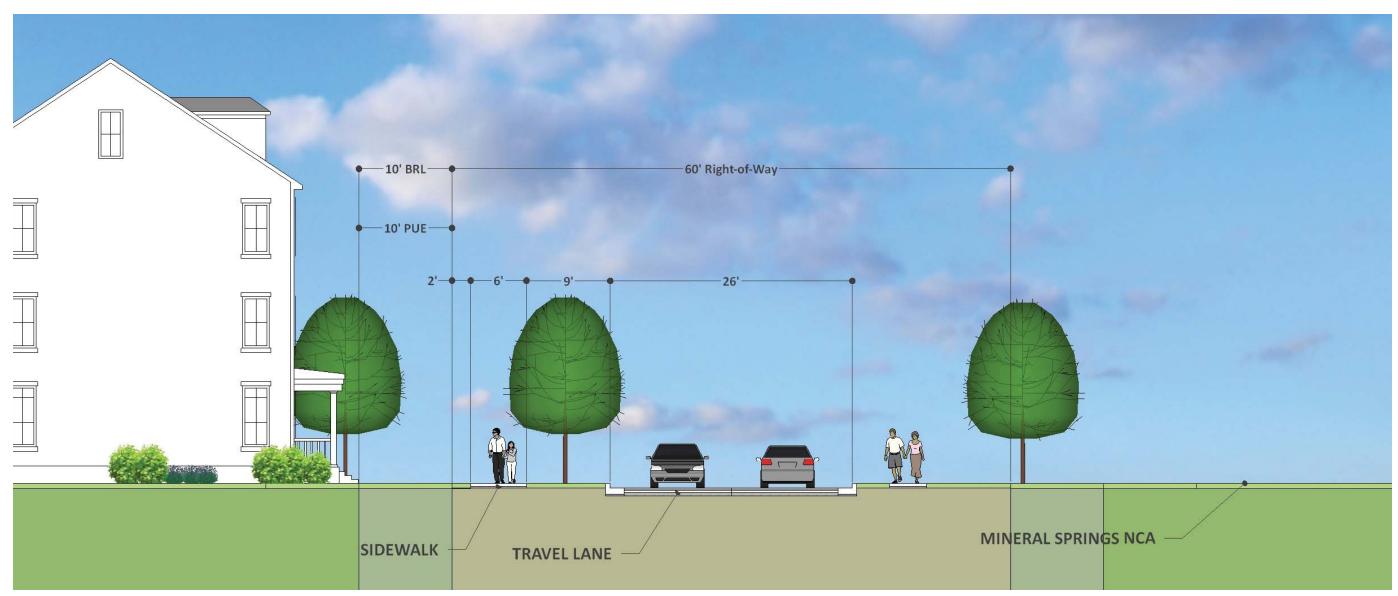
DATE: 08/22/2023

SCALE: As Shown

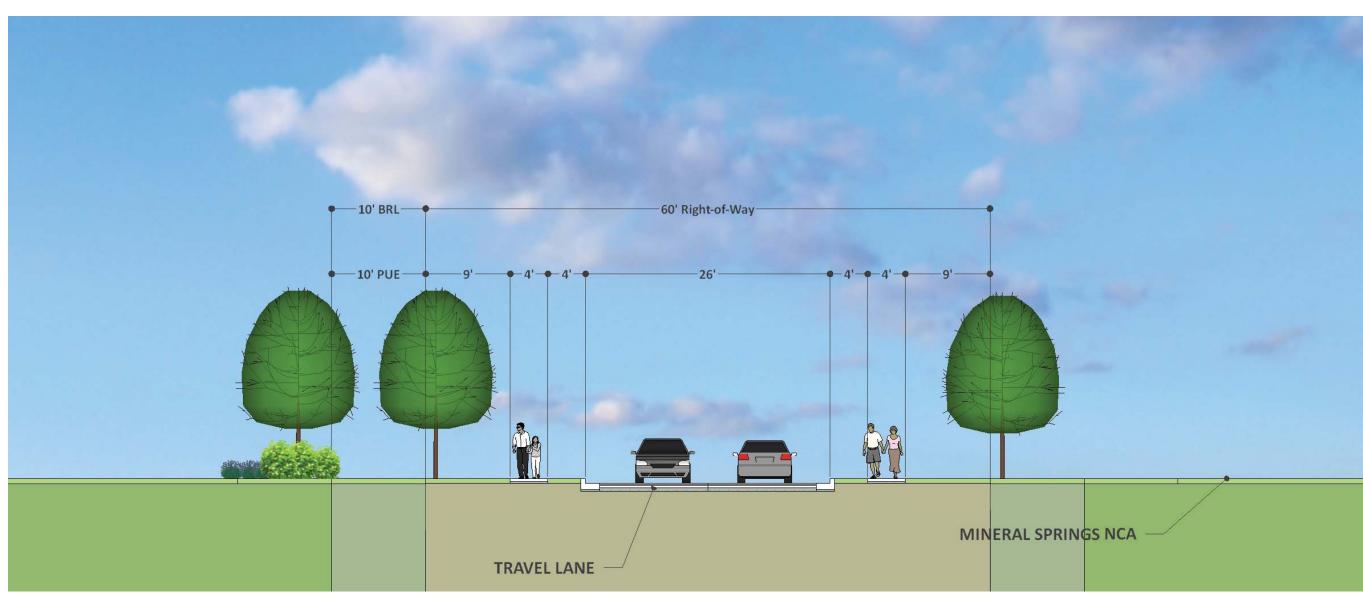
CHECKED BY:

REVISIONS

SHEET



Proposed Shady Spring Drive Looking North-West



Existing Shady Spring Drive Looking North-West



Existing Shady Spring Drive Looking North-West

Approved 2022 Complete Streets Manual

G. Neighborhood Streets

Neighborhood Streets serve predominantly residential areas with low volumes of motor vehicle traffic. Pedestrian and bicycle activity are common along these streets. Neighborhood streets should have sidewalks on both sides of the street, though in retrofit applications, a sidewalk on one side of the street may be an interim objective in existing neighborhoods with limited right-of-way. Most, but not all, Neighborhood Streets in Montgomery County offer on-street parking. Design for Neighborhood Streets should focus on encouraging slow speeds, pedestrian safety, healthy street trees, and well-defined routes to nearby parks, transit, and schools.

P Parking Lane Travel Lane

Key Features:

Moderate- to low-intensity

» Pedestrian and bicycle activity:

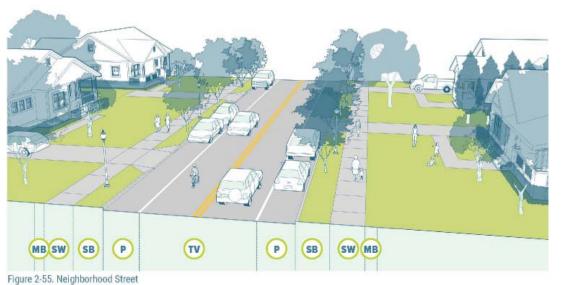
Moderate » Vehicle activity: Low volumes of

personal vehicles » Transit service: Typically, limited

» On-street parking: Varies/

» Other key features: Frequent curb cuts/driveways, street trees

context-dependent



64 CHAPTER 2: STREET TYPES | MONTGOMERY COUN

MINIMUM REQUIREMENTS CLOSED SECTION - NO PARKING

MB:	2	(a)	2'	=	4
FZ:	0	<u>a</u>	7'	=	0
SP:	0	<u>a</u>	10'	=	0
SB:	2	(a)	6'	=	1
TV:	2	<u>a</u>	10.5'	=	2
TVI:	0	<u>a</u>	10'	=	0
PL:	0	<u>a</u>	8'	=	0
CM:	0	(a)	6-10'	=	0
TL:	0	<u>a</u>	10'	=	0
BS:	0	(a)	8'	=	0
SW:	2	(a)	6'		1
TOTA	L:				4

TS: 20 MPH

*If required, may be provided on private property.

MB:	Maintenance Buffe
FZ:	Frontage Zone
SP:	Sidepath
SW:	Sidewalk
BL:	Bike Lanes
SB:	Street Buffer
TV:	Outside Travel Lai
TVI:	Inside Travel Lane
PL:	Parking Lanes
TL:	Transit Lane(s)
CM:	Center Median
TL:	Turn Lane(s)
SH:	Shoulders
DC.	Pilzashla Shauldar

Target Speed

Key:

MB:	Maintenance Buff
FZ:	Frontage Zone
SP:	Sidepath
SW:	Sidewalk
BL:	Bike Lanes
SB:	Street Buffer
TV:	Outside Travel La
TVI:	Inside Travel Land
PL:	Parking Lanes
TL:	Transit Lane(s)
CM:	Center Median
TL:	Turn Lane(s)
SH:	Shoulders
BS:	Bikeable Shoulder

Posted Speed MTL: Max. Through Lanes

Freeway === Freeway with HOV Lanes Minor Arterial

Freeway with Planned BRT -- Primary Residential (Planned) ■■■ Major Highway (Planned) --- Primary Residential Major Highway -- Business (Planned) Major Highway with Planned BRT Business ■ ■ ■ Arterial (Planned) ---- Industrial - Major Municipal Roads

Approved 2018 Master Plan of

DRAWN BY: DA DESIGNED BY: DA

DATE: 08/22/2023

SCALE: As Shown

CHECKED BY:

REVISIONS

Highways and Transitways Mid-County Highway (M-83): Majory Highway w/ 4-6D in 150' RW

Washington Grove Lane (P-5): Primary Residential w/ 2D in 70' RW

Emory Grove Road (P-3): Primary Residential w/ 2D in 70' RW

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Emory Grove Road: Neighborhood Street w/ 70' RW

Shady Spring Drive: Neighborhood Street w/ 60' RW



Bikeable Shoulders Shared Roads

2022 Bicycle Master Plan

Mid-County Highway: Existing Bikeable Shoulder (East) Prop. Sidepath (West)

> Washington Grove Lane: Sidepath (Northwest Side)

Emory Grove Road: Sidepath (Northeast Side)

Shady Spring Drive: No Recommendation

AB 784 Election District #9 WSSC Grids 224NW08 and 225NW08

Tax Map: GT122

Narrative:

MONTGOMERY COUNTY

DEPARTMENT OF TRANSPORTATION

ECONDARY RESIDENTIAL STREET

NO DESIGNATED PARKING

STANDARD NO. MC-2002.01

Street Standard MC-2002.01

Typical Section (NOT TO SCALE)

3" BITUMINOUS CONCRETI

General Notes

Secondary Residential Street - No Designated Parking

2' - 5' - 10' - 13' - 13' - 10' - 5' - 2'

MIN ALLOWABLE B RADIUS = 150'

. STANDARD ELEVATION AT PROPERTY LINE, RELATIVE TO PGL, SHALL NOT VARY AT DRIVEWAYS.

7. STREET TREES OF APPROVED TYPE, SIZE AND SPACING SHALL BE PLANTED AT LOCATIONS SHOWN.

TANDARD DEVELOPED AND IMPLEMENTED IN CONFORMANCE WITH

OUNCIL RESOLUTION 16-809 ADOPTED DEC. 9, 2008

DIRECTOR, DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS

TOTAL:

MTL:

CLOSED SECTION - NO PARKING

. LATEST EDITION OF THE MARYLAND STATE HIGHWAY ADMINISTRATION SPECIFICATIONS SHALL APPLY FOR MATERIALS AND METHODS OF CONSTRUCTION.

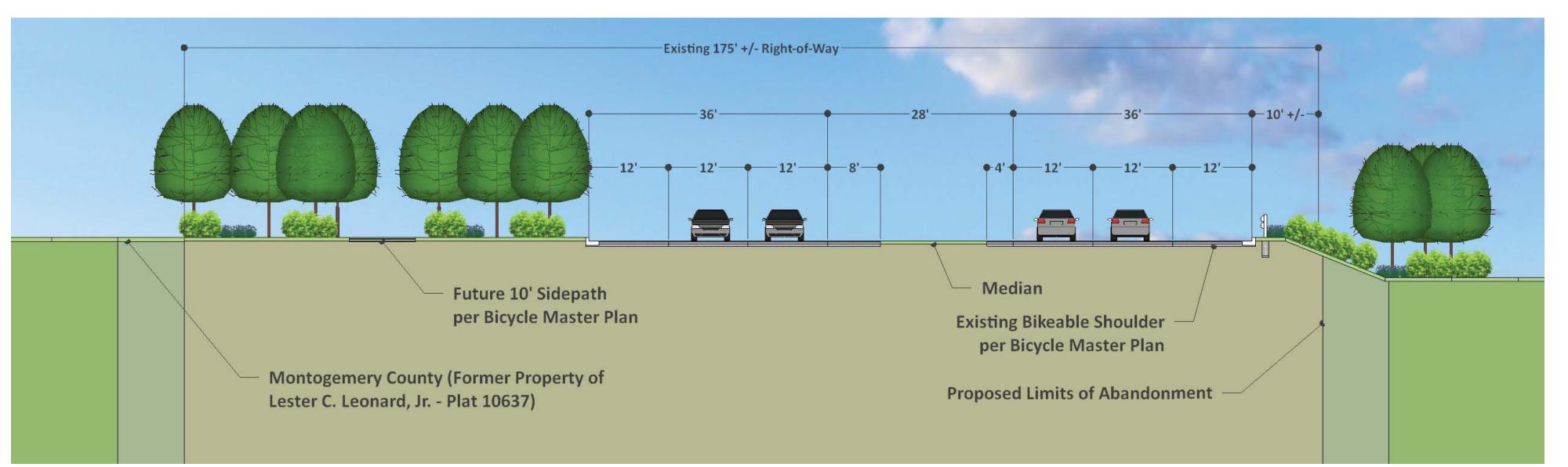
ALL UNPAYED AREAS WITHIN THE LIMITS OF DISTURBANCE SHALL BE STABILIZED WITH ESTABLISHED GRASS TURF OR APPROVED LANDSCAPING.

Shady Spring Drive is an existing 2-lane unclassified roadway with an existing right-of-way is 60-feet or greater. This existing right-of-way meets and/or exceeds the requirements of the Complete Streets Manual (CSM)and the Master Plan of Highway and Transitways (MPOHT). There are no planned bike facilities within this right-of-way. The proposed abandonment does not impact this roadway.

The proposed cross-section indicates potential improvements consistent with the CSM and is for illustrative purposes only, indicating that potential future improvements can be accommodated within the existing rightof-way. Any future improvements within the right-of-way will be determined at preliminary plan approval for adjoining development proposals.

Section: Shady Spring Drive

These plans are for conceptual use only and are subject to change and refinement.

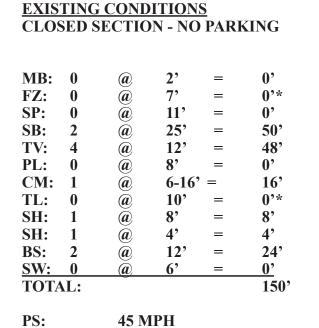


Existing Mid-County Highway (M-83) Looking North-West



Existing Mid-County Highway (M-83)

Looking North-West



*Included in center median dimension.

MTL:

Approved 2022 Complete Streets Manual

C. Boulevards

Boulevards are critical roadways that typically connect employment and entertainment centers, civic, commercial, and institutional land uses and may also provide cross-county and regional connections. Some buildings are positioned close to the street, while others are set back. These streets are currently dominated by motor vehicle traffic and have less pedestrian and bicycle activity compared to Downtown Streets and Downtown Boulevards: however, much of the walking on these streets is to access frequent transit service. Street design for Boulevards emphasizes safety for pedestrians and bicyclists by managing vehicle speeds, improving access management, and providing comfortable and continuous sidewalks and bikeways, frequent opportunities for pedestrians and bicyclists to safely cross the street, and separation from high speeds and volumes of traffic.

Travel Lane

(FZ) Frontage Zone

Key Features:

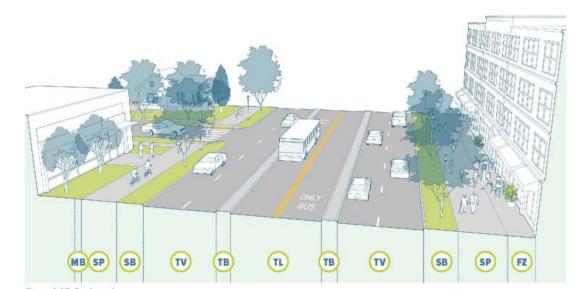
Development intensity: Moderate to low-intensity mixed-use, retail, or residential

» Pedestrian and bicycle activity:

» Vehicle activity: Moderate to high

» On-street parking: Uncommon, though provided in some

» Other key features: Infrequent driveways, street trees

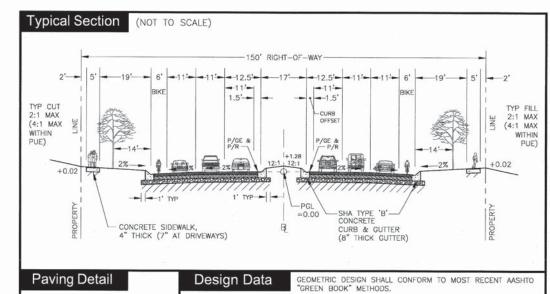


40 CHAPTER 2: STREET TYPES | MONTGOMERY COUNTY STREET TYP

MINIMUM REQUIREMENTS **CLOSED SECTION - NO PARKING**

Street Standard MC-2008.04B

Major Highway - Suburban - Design Speed 45-55 mph



AASHTO METHOD 2 (4% MAX) AASHTO METHOD 5 (4% MAX)

. LATEST EDITION OF THE MARYLAND STATE HIGHWAY ADMINISTRATION SPECIFICATIONS SHALL APPLY FOR MATERIALS AND METHODS OF CONSTRUCTION.

- PUBLIC UTILITY EASEMENTS (PUEs) ARE SUBJECT TO "DECLARATIONS OF TERMS AND PROVISIONS OF PUBLIC UTILITY
 EASEMENTS" RECORDED AS LIBER 3834, FOLIO 457 IN THE LAND RECORDS OF MONTGOMERY COUNTY. DRIVEWAY ACCESS IS DISCOURAGED ON SUBURBAN MAJOR HIGHWAYS. STANDARD ELEVATION AT PROPERTY LINE, RELATIVE TO PGL, SHALL NOT VARY AT DRIVEWAYS.
- PAVING DETAIL DEPICTS THE MINIMUM REQUIRED SECTION. IF SUFFICIENT SUBGRADE SUPPORT IS NOT ASSURED, AN ENGINEERED PAVING DESIGN USING SHA METHODOLOGY WILL BE REQUIRED.
- 7. ALL UNPAVED AREAS WITHIN THE LIMITS OF DISTURBANCE SHALL BE STABILIZED WITH ESTABLISHED GRASS TURF OR APPROVE 8. STREET TREES OF APPROVED TYPE, SIZE AND SPACING SHALL BE PLANTED AT LOCATIONS SHOWN.

DARD DEVELOPED AND IMPLEMENTED IN CONFORMANCE WITH CIL RESOLUTION 16-809 ADOPTED DEC. 9, 2008	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
CTOR, DEPARTMENT OF TRANSPORTATION C/21/2012	SUBURBAN MAJOR HIGHWAY 6 LANES WITH BIKE LANES 45 & 50 MPH
F, DIVISION OF TRANSPORTATION ENGINEERING DATE	STANDARD NO. MC-2008.04B

TL: 0BS: **TOTAL:**

MTL: 4-6

*If required, may be provided on private property. **Included in center median dimension.

MB:	Maintenance Buffer
FZ:	Frontage Zone
SP:	Sidepath
SW:	Sidewalk
BL:	Bike Lanes
SB:	Street Buffer
TV:	Outside Travel Lane
TVI:	Inside Travel Lanes
PL:	Parking Lanes
TL:	Transit Lane(s)
CM:	Center Median
TL:	Turn Lane(s)
SH:	Shoulders

Target Speed Posted Speed

MTL: Max. Through Lanes

Mid-County Highway is an existing 4-lane dualized major highway that connects Shady Grove Road and Montgomery Village Avenue. The existing right-of-way is 150-feet or greater. This existing right-of-way meets and/or exceeds the requirements of the Complete Streets Manual (CSM) and the Master Plan of Highway and Transitways (MPOHT). Montgomery County Standard Section MC-2008.04B appears to be the most similar section. CSM recommendations can be accommodated within the existing right-of-way.

There are 4 existing lanes for vehicular travel and two broad 12-foot wide paved bikeable shoulders. There is a planned sidepath on the southern side of the road which does not affect this project. The Bikeway Master Plan also indicates that the existing bikeable shoulder on the north side of the road provides appropriate improvements and connectivity.

The proposed abandonment does not impact this roadway.

Minor Arterial === Freeway with HOV Lanes Freeway with Planned BRT -- Primary Residential (Planned) --- Primary Residential ■■■ Major Highway (Planned) Major Highway -- Business (Planned) Major Highway with Planned BRT Business ■ ■ Arterial (Planned) ---- Industrial - Major Municipal Roads

Effective: 07/24/2018

Approved 2018 Master Plan of Highways and Transitways

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2022 Complete Streets Manual

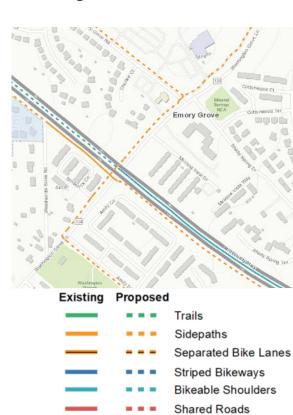
Shady Spring Drive: Unclassified

Mid-County Highway: Boulevard w/ 150' RW

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> Emory Grove Road: Neighborhood Street w/70' RW

Shady Spring Drive: Neighborhood Street w/ 60' RW



2022 Bicycle Master Plan

Mid-County Highway: Existing Bikeable Shoulder (East) Prop. Sidepath (West)

> Washington Grove Lane: Sidepath (Northwest Side)

Emory Grove Road: Sidepath (Northeast Side)

Shady Spring Drive: No Recommendation

AB 784 Election District #9 WSSC Grids 224NW08 and 225NW08 Tax Map: GT122

Section: Mid-County Highway (M-83) These plans are for conceptual use only and are subject to change and refinement.

DRAWN BY: DA

DESIGNED BY: DA

DATE: 08/22/2023

SCALE: As Shown

CHECKED BY:

REVISIONS

General Notes Regarding this Historical Summary

- 1. This document was compiled from multiple sources, including, oral and written history from Emory Grove United Methodist Church congregants, census data, deeds, plats, historic aerial photos, USGS mapping, early 19th century maps, Urban Renewal documents, Montgomery County planning documents, and other research publications documenting the history of Emory Grove and the Camp Meetings that were held there.
- 2. The information summarized on this plan is not complete but does provide a general understanding of the deep history of the place. Please review other documents in this set for further information as well as the accompanying reports and source documents.
- 3. To the extent feasible, the author has attempted to represent key elements of the history of Emory Grove prior to the 1971 Gaithersburg and Vicinity Master Plan and the 1974 Urban Renewal Project. Some interpretation has been included in this summary. There may be refinements to this plan as additional information is uncovered and added to the project.
- 4. As identified elsewhere in these documents, Emory Grove began shortly after the civil war. The Gaithersburg to Laytonsville Road (now WGL) was a key stage coach road. The ground that would later become Emory Grove was purchased from several early Quaker settlers including the Woodwards, Cooks, Plummers, and Bowmans, among others. The ground was (is) extremely rocky and not well suited for farming, but despite that, Emory Grove was founded.
- 5. The church was built soon after the war and was prominently featured on the Hopkin's Map of 1878. It is our understanding that the outdoor camp meetings actually pre-date the church and may have started as early as 1867. The camp meetings where held for 3 consecutive weeks in August, every year up to the late 1960s. Emory Grove was one of the most important spiritual meeting grounds on the east coast for African Americans.
- 6. By 1880, the area was being settled at a rapid rate and the Walker Mill at Whetstone Run was of key importance, so much so, that a public road to the mill from the church was approved by the County Commissioners. This road linked Emory Grove with 'The Road to Seneca Bridge' (now Goshen Road) and increased trade and opportunity with northern Montgomery County and beyond. This road would later become Emory Grove Road.
- 7. The early 20th century saw rapid growth and development in Emory Grove. The one-room Colored School was built in 1885, and replaced with the 2-room Rosenwald School in 1925. The Lodge of Moses #74 was built on the hill just behind the old school in 1892. It provided cooperative financing for residents in an era of deep segregation. In 1905, the old church was replaced with the one that stands on the corner today. The camp meetings continued and reached their peaks in this time period. It was reported that as many as 10,000 souls would make the trek to Emory Grove in heat of August, some from as far away as
- 8. By all accounts, Emory Grove was a very close and deep-knit community that grew to be a small, but complete village of modest homes and commercial ventures. Plans were already in place for further growth. The substantial subdivisions of Emory Grove Park and Laytonia were started about 1910.
- 9. After World War II, there was a surge in new enterprises in Emory Grove. The Du Drop Inn opened sometime in the 1940s and was a key stop on the Chitterling Circuit. Prominent African American entertainers played here, including Ike and Tina Turner. In addition, Ruize Tyler built the Little Market in 1947, providing convenient food and services to the community. In that same year, Edward Johnson purchased a large tract of land and built what is now known as Johnson's Field. This site included parking for buses and a Dance Hall. It was one of the first fields 'under the lights' and was a prominent stop on the Negro Baseball League circuit.
- 10. In the early 1950s, Rockville and Gaithersburg were planned to be added to the Municipal District. The 1964 General Plan (On Wedges and Corridors) included this area for moderate growth. In the late 1960s, the Washington Suburban Sanitary Commission (WSSC) determined sewer extensions to Emory Grove were not financially feasible. As a result, the County solicited federal funds through the Urban Renewal (UR) program. The Urban Renewal Plan was approved in 1974 and all of Emory Grove, including the sacred camp meeting grounds, were slated for demolition and redevelopment into single family detached homes that none of the former residents could afford. Permanent displacement occurred as a result. The taking of these properties through condemnation were complete by the late 1970s, and redevelopment began.
- 11. In 1982, demolition of the camp meeting grounds and the site of the former school, Johnson's Field, and the Lodge of Moses were halted at the last minute. The southern and eastern portion of the single family detached Urban Renewal plan were abandoned. Portions of the lands held by Johnson were turned over to the M-NCPPC as a park. The balance of the area not already under construction, was retained by the county and the *Upper County Community Center and Pool were built.*
- 12. The 1985 Gaithersburg Vicinity Master Plan, the last update of a master plan for this area, simply reflected the 'existing conditions' of the post-Urban Renewal era. This is generally what is on the ground today. After more than 35 years, it is time for a new beginning for Emory Grove.



DRAWN BY: DA DESIGNED BY: DA CHECKED BY: DA DATE: 12/18/18 SCALE: As Shown REVISIONS

Updated: Sept. 22, 2020 Updated: Sept. 30, 2020 Updated: Oct. 10, 2020 Updated: Feb. 19, 2021 Updated: June 28, 2021

Updated: July 7, 2021

Updated: August 22, 2023

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