MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION

MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

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OWNER'S CERTIFICATION

I HEREBY CERTIFY THAT ALL CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT7/31/2025 MENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

> 8/12/2025 DATE

Joseph Moges JOSEPH MOGES DIVISION OF TRANSPORTATION ENGINEERING

DESIGN CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE "2011 MARYLAND" STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL," MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES EXECUTIVE REGULATIONS 5-90, 7-02AM AND 36-90, AND MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION "STORM DRAIN CRITERIA" DATED AUGUST, 1988.

7/31/2025

DATE

KEVIN SCHIEFER, P.E. MD. REGISTRATION NO. 43192

CERTIFICATION OF THE QUANTITIES

I HEREBY CERTIFY THAT THE ESTIMATED TOTAL AMOUNT OF EXCAVATION AND FILL AS SHOWN ON THESE PLANS HAS BEEN COMPUTED TO 409 CUBIC YARDS OF EXCAVATION, 221 CUBIC YARDS OF FILL AND THE TOTAL AREA TO BE DISTURBED AS SHOWN ON THESE PLANS HAS BEEN DETERMINED TO BE 39,972 SQUARE FEET OR 0.92 ACRES.

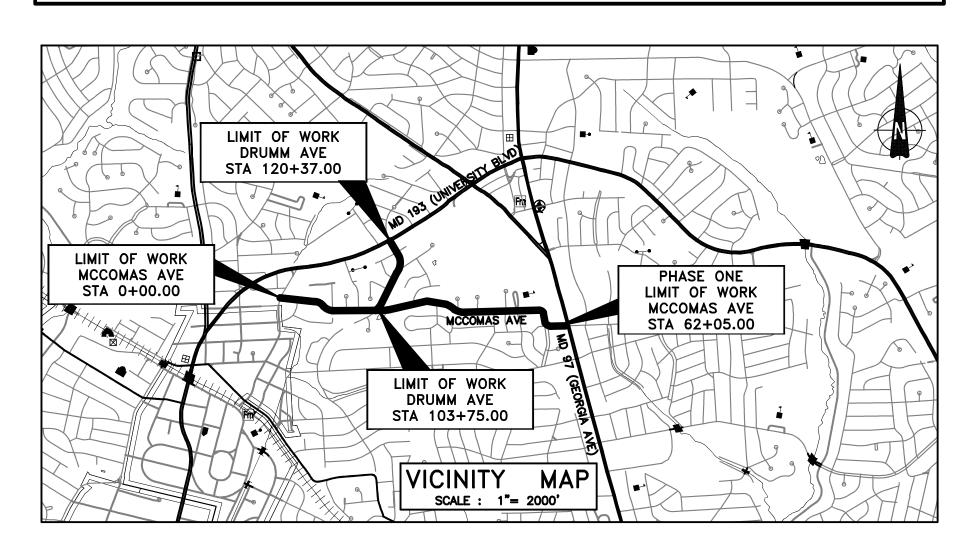
7/31/2025

DATE

MICHAEL ROTHENHEBER, P.E. MD. REGISTRATION NO. 18589

PHASE ONE: ST. PAUL ST TO WEST OF MD 97 (GEORGIA AVE) C. I. P. PROJECT NO. 502002

CONSTRUCTION PLANS



PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME. AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO. 18589 EXPIRATION DATE 02/10/2026

7/31/2025

DATE

MICHAEL ROTHENHEBER, P.E. MD. REGISTRATION NO. 18589

THE FOLLOWING MONTGOMERY COUNTY STANDARDS ARE REQUIRED FOR THIS PROJECT:

- MC-100.01 COMBINATION CONCRETE CURB AND GUTTER TYPE A
- MC-110.01 RESIDENTIAL SIDEWALK MC-301.01 - RESIDENTIAL DRIVEWAY
- MC-304.01 DRIVEWAY ENTRANCE WITHOUT BUFFER
- THE MOST CURRENT VERSION OF THESE STANDARDS CAN BE ACCESSED AT: https://www.montgomerycountymd.gov/dot-dte/common/standards.html
- THE FOLLOWING MARYLAND STATE HIGHWAY DEPARTMENT OF TRANSPORTATION, STATE HIGHWAY ADMINISTRATION STANDARDS (CONSTRUCTION AND TEMPORARY TRAFFIC CONTROL) ARE REQUIRED FOR THIS PROJECT:
- MD-580.03 NEW COMBINATION CURB AND GUTTER PLACEMENT ALONG EXISTING PAVEMENT
- MD-645.01 STANDARD MONOLITHIC CONCRETE MEDIAN TYPE A-4 MD-655.40 - DETECTABLE WARNING SURFACES
- FOR ALL SHA STANDARDS REFERRED TO ON THE PLANS, THE CONTRACTOR MUST GO TO THE BOOK OF STANDARDS WHICH WILL HAVE THE MOST CURRENT VERSION. THE BOOK OF STANDARDS CAN BE ACCESSED AT: http://apps.roads.maryland.gov/businesswithsha/bizStdsSpecs/ desManualStdPub/publicationsonline/ohd/bookstd/index.asp
- ALL ITEMS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT VERSION OF THE REFERENCED STANDARD AT THE TIME OF CONSTRUCTION.

August 2023 **RELATED REQUIRED PERMITS** To be completed by the consultant and placed on the first sheet of the Sediment Control / Stormwater Management plan set for all projects. IT IS THE RESPONSIBILITY OF THE PERMITTEE/OWNER OF THIS SITE TO OBTAIN ALL REQUIRED PERMITS PRIOR TO ISSUANCE OF THE SEDIMENT CONTROL PERMIT REQD NOT TYPE OF PERMIT REQD RESTRICTION DATES Floodplain District WATERWAYS/WETLAND(S): X a. Corps of Engineers Х c. MDE Water Quality Certification X MDE Dam Safety MSCD Small Pond Approval X Approval Date * DPS Roadside Trees Protection Plan **N.P.D.E.S. NOTICE OF INTENT FEMA LOMR (Required Post Construction) OTHERS (Please List):

*A copy of the approved Roadside Trees Protection Plan must be delivered to the Sediment Control Inspector at the Preconstruction

**When a Notice of Intent is required, the sediment control permit may not be issued until confirmation of authorization under the MDE's 20-CP permit has been submitted to DPS.

FOR SEDIMENT CONTROL APPLICATIONS AS OF APRIL 30, 2024

TREE CANOPY REQUIREMENTS TABLE To be completed by the consultant and placed on the first sheet of the Sediment Control / Stormwater Management plan set for all projects. A fee in lieu of planting will be charged for any required canopy trees that are not planted.

Exempt: Yes X No I If exempt under Section 55-5 of the Code, please check the applicable exemption category below.

Total Property Area	Total Disturbed Area
N/A square feet	39,972 square feet
Shade Trees Required	Shade Trees Proposed to be Planted

Number of Trees Requiring Payment of a Fee in Lieu (Trees Required – Trees Planted)

Required Number of Shade Trees

Area (sq. ft.) of the Limits Number of Shade of Disturbance Trees Required 6,001 8,000 8,001 12,000

If the square footage of the limits of disturbance is more than 40,000, then the number of shade trees required must be calculated using the following formula:

(Number of Square Feet in Limits of Disturbance \div 40,000) \times 15

14,000

40,000

EXEMPTION CATEGORIES

CHECK AS APPLICABLE 55-5(a) any activity that is subject to Article II of Chapter 22A; 55-5(b) any commercial logging or timber harvesting operation with an approved exemption from Article II of Chapter 22A; 55-5(f) any activity conducted by the County Parks

55-5(g) routine or emergency maintenance of an

CIP No. : 502002

Checked by: JJR

existing access road, if the person performing the

12,001

14,001

naintenance has obtained all required permits; 55-5(h) any stream restoration project if the person performing the work has obtained all

55-5(i) cutting or clearing any tree to comply with applicable provisions of any federal, state, or local law governing safety of dams;

X OTHER: Specify per Section 55-5 of the Code. existing stormwater management facility, including an 55-5(I)

OWNER / ADDRESS:

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION 100 EDISON PARK DRIVE, 4TH FLOOR GAITHERSBURG, MD 20878

CONTACT: ANGEL CHENG, P.E. 240-777-7274



MONTGOMERY COUNT DEPARTMENT OF TRANSPOR GAITHERSBURG, MARYLA	RTATION
RECOMMENDED FOR APPROVAL David M. Slevida	Aug. 12, 2025
Chief, Design Section	Date
Joseph Moges	8/12/2025

REVISION

DATE

Designed by: <u>ADH</u> Drawn by: <u>TMB</u>

GN - 01TITLE SHEET MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

DATE: JULY 2025

SHEET ____1 of ___90

GENERAL NOTES

- 1. THE SPECIFICATIONS FOR THIS CONTRACT WILL BE THOSE OF THE MARYLAND STATE HIGHWAY ADMINISTRATION DATED JULY 2024, ALL ERRATA AND ADDENDA THERETO, THE MARYLAND STATE HIGHWAY ADMINISTRATION BOOK OF STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES, WASHINGTON SUBURBAN SANITARY COMMISSION (W.S.S.C.) STANDARDS, MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION STANDARDS, AND SOIL CONSERVATION SERVICE POND CONSTRUCTION SPECIFICATIONS FOR MARYLAND.
- 2. FOR CONSTRUCTION, CONTROL SHALL BE BASED ON NAD 83/91, NAVD 88 DATUM.
- 3. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATIONS AND ELEVATIONS OF THE LINES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS, WELL IN ADVANCE OF TRENCHING. IF CLEARANCES ARE LESS THAN SHOWN OR SIX (6) INCHES, WHICHEVER IS LESS, CONTACT MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION'S PROJECT INSPECTOR AND THE APPROPRIATE UTILITY OWNER BEFORE PROCEEDING WITH CONSTRUCTION.
- 4. REPAIRS TO UTILITIES OR PROPERTY DAMAGE AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE OR METHOD OF OPERATION MUST BE MADE AT THE CONTRACTOR'S EXPENSE BEFORE PROCEEDING WITH CONSTRUCTION.
- 5. CALL "MISS UTILITY" AT 1-800-257-7777 FORTY-EIGHT (48) HOURS PRIOR TO BEGINNING EXCAVATION TO DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES.
- 6. CLEARING IS TO BE LIMITED TO THE "LIMIT OF DISTURBANCE" AS SHOWN ON THE PLANS.
- 7. ALL GRADING SHALL BE DONE IN SUCH A MANNER AS TO PROVIDE POSITIVE DRAINAGE.

- 8. DISTURBED AREAS SHALL BE SEEDED USING THE SEED MIX NOTED ON THE PLANS AND MULCHED.
- 9. THE LOCATION OF RIGHT-OF-WAY AND EASEMENT LINES SHOWN ON THE PLANS ARE FOR INFORMATION AND GUIDANCE ONLY. NO GUARANTEE IS MADE AS TO THE ACCURACY OF SAID LOCATIONS.
- 10. CONTACT THE WASHINGTON SUBURBAN SANITARY COMMISSION SYSTEM MAINTENANCE ENGINEER BEFORE EXCAVATING BENEATH OR IN THE VICINITY OF EXISTING WATER OR SEWER LINES. BACKFILL TO BE DONE UNDER SUPERVISION OF W.S.S.C. CALL 301-699-4420
- 11. THE CONTRACTOR SHALL INSTALL PEDESTRIAN DETECTABLE WARNING SURFACES AT ALL SIDEWALK AND PEDESTRIAN CROSSINGS, LOCATIONS AS DIRECTED BY THE ENGINEER. THE WARNING SURFACES SHALL BE IN CONFORMANCE WITH ADA REQUIREMENTS.
- 12. CONSTRUCTION OF PEDESTRIAN CURB RAMPS SHALL BE IN CONFORMANCE WITH ADA REQUIREMENTS. IF FIELD CONDITIONS DO NOT ALIGN WITH CURB RAMP DETAILS IN PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD PRIOR TO INSTALLATION OF RAMPS.
- 13. RECONSTRUCTION OF CONCRETE SIDEWALKS AND PEDESTRIAN CURB RAMPS ADJACENT TO EXISTING SIDEWALKS SHOULD TIE IN AT EXISTING JOINT LINES WHEREVER FEASIBLE.
- 14. THE CONTRACTOR SHALL BE AWARE THAT OVERHEAD UTILITY WIRES EXIST WITHIN THE PROJECT SITE. LOCATIONS OF WIRES SHOULD BE NOTED IN FIELD WITH SIGNAGE TO AVOID CONFLICTS.

		, (1	BBREVIATIONS		
ABAN.	Abandoned	HBX	Handbox	R	Radius
A.A.S.H.T.O.	American Association of State Highway	H.D.P.E.	High—Density Polyethylene	RET. WALL	Retaining Wall
	Transportation Officials	H.E.R.C.P.	Horizontal Elliptical Reinforced Concrete Pipe	RP	Root Pruning
APPROX.	Approximate	HGL	Hydraulic Grade Line	RT	Right
ASTM	American Society for Testing and Materials	HP	High Point	RW or R/W	Right of Way
B or B/L	Baseline	HMA	Hot Mix Asphalt	R.C.P.	Reinforced Concrete Pipe
BIT.	Bituminous	HT	Height	R.C.C.P.	Reinforced Concrete Cylinder Pi
ВОА	Beginning of Alignment	IN	Inch	SIG.	Signal Pole
BVCE	Beginning of Vertical Curve Elevation	INV	Invert		. State Highway Administration
BVCS	Beginning of Vertical Curve Station	L LANDSC.	Length	S	South
BLDG	Building	LANDSC. L.F.	Landscaped Linear Feet		AN. Sanitary Sewer
ВОТ.	Bottom	L.F. LOD	Limit of Disturbance	SB	Southbound
C. A.	Center of Curve	LOW	Limit of Work	S.D.	Storm Drain
C or C/L	Centerline	LP	Low Point	SDP	Shrub Deer Protection
C.I.P.	Cast Iron Pipe	LT	Left Left	S.E.	Superelevation
C.M.P.	Corrugated Metal Pipe	LVC	Length of Vertical Curve	SF	Silt Fence
C.O.	Cleanout	Maint.	Maintenance	SFOP	Silt Fence On Pavement
COMB.	Combination	MH	Manhole	SF	Square Feet
CONC.	Concrete	MAX.	Maximum	SHC	Sewer House Connection
CONSTR.	Construction	MCDPS	Montgomery County Department of Permitting	SSD	Stopping Sight Distance
CPI	Curve Point of Intersection	WODI	Services		Super Silt Fence
C.P.P.	Corrugated Polyethylene Pipe	MOD.	Modified	SSMH	Sewer Manhole
CRZ	Critical Root Zone	MIN.	Minimum	STA.	Station
D.B.H.	Diameter Breast Height	M-NCPPC	Maryland—National Capital Park and Planning	STD.	Standard Single On anima
DC	Degree of Curve		Commission	SO.	Single Opening
DIA.	Diameter Department Of Transportation	N	North	S.Y. SWM	Square Yards
	Department Of Transportation / Department of Public Works	NAD	North American Datum	SW	Stormwater Management Sidewalk
D.H.V. D.H.V.	Design Hour Volume	NAVD	North American Vertical Datum	T T	Tangent
D.H.V. DWS	Detectable Warning Surface	NB	Northbound	T or Tele.	Telephone
D.I.	Drop Inlet	NE	Northeast	TBA	To Be Abandoned
D.I. D.I.	Ductile Iron	NO.	Number		
D.O.	Double Opening	N.T.S or NTS	Not To Scale	TCE	Temporary Construction Easem
E	East	O.C.	On Center	T.C.P.	Terra Cotta Pipe
Elec.	Electric	PVMT.	Pavement	TPF	Tree Protection Fence
EA.	Each	PED.	Pedestrian	T.S.	Top of Structure Elevation
E.B.	Eastbound	P.C.	Point of Curvature	TRAV.	Traverse
EB	Electric Box	P.C.S.	Point of Compound Curve	TYP.	Typical
EM	Electric Meter	P/C	Point of Crown	UG	Underground
ELEV. or EL	Elevation	PE	Perpetual Easement	UNK.	Unknown
E.R.C.C.P.	Elliptical Reinforced Cement Concrete Pipe	PGA	Point of Grade Application	U.P.	Utility Pole
ES	End Section	P/GE	Profile Grade Elevation	VAR.	Varies
EVCE	End of Vertical Curve Elevation	P.G.E.	Profile Ground Elevation	V.C.L.	Vertical Curve Length
EVCS	End of Vertical Curve Station	P.G.L.	Profile Grade Line	W	Water
EX. or EXIST.	Existing	P/GL	Profile Ground Line	W	West
FT	Foot or Feet	P/R	Point of Rotation	W.B. or WB	Westbound
F or FL	Flowline	P.I.	Point of Intersection	WHC	Water House Connection
FWD	Forward	P.O.C.	Point on Curve	WM	Water Meter
G	Gas	P.O.T.	Point on Tangent	WSSC	Washington Suburban Sanitary Commission
GM	Gas Meter	PROP.	Proposed		
Guy	Guy Wire	P.S.F.	Pounds per Square Foot	W/O	Without
		P.S.F. PT.	Point Point	YR	Year
		P.T.	Point of Tangency		
		P. I. P. V. C.	Point of langency Point of Vertical Curve		
		P.V.C. PVC	Polyvinyl Chloride		
		I V C	i oryviityi ottioniae		

□EB	ELECTRIC BOX	× 434.0	SPOT ELEVATION
©	ELECTRIC MANHOLE		MIDE FENCE / CHAIN HAIR
E.M.	ELECTRIC METER		WIRE FENCE / CHAIN LINK
HBX	HANDBOX		FENCE
<u>©</u>	CLEAN OUT		INDEX CONTOUR
■MB	MAIL BOX	430	INTERVAL CONTOUR OVERHEAD WIRES
6	GAS MANHOLE	OHW	ABANDONED GAS LINE
GM	GAS METER		EXISTING GAS
GV ⋈	GAS VALVE	E	EXISTING GAS
W	WATER MANHOLE		EXISTING TELEPHONE
© ₩	WATER VALVE	SAN	EXISTING SANITARY SEWER
w _M	WATER METER	CTV	EXISTING CABLE TV
ඟු	FIRE HYDRANT	——— FL ———	EXISTING FIRE LINE
(3)	SANITARY MANHOLE	—— FO——	EXISTING FIRE CINE
S D	STORM DRAIN MANHOLE		EXISTING WATER
\bigcirc	TELEPHONE MANHOLE		PROPERTY LINE
TEL	TELEPHONE RISER		EXISTING RIGHT OF WAY
	TELEPHONE RISER	—— F ——	TOE OF FILL
□ ^{TV}	TV (CABLE) RISER	C	TOP OF CUT
(MH)	UNKNOWN MANHOLE	LOD	LIMIT OF DISTURBANCE
4	SIGN	TCE	TEMPORARY CONSTRUCTION EASEMENT
€3 €%}	TREE	RSE	REVERTIBLE SLOPE EASEMENT
(COCCOUNTY)	HEDGE/BUSHES	————PE———	PERPETUAL EASEMENT WOODEN RAILING / WOOD
<u> Д</u> ЈМТОО	TRAVERSE POINT		FENCE
600009	DETECTABLE WARNING SURFACE (DWS)		CURB AND GUTTER GUARDRAIL
\$	EXISTING LIGHT POLE		
-0-	EXISTING UTILITY POLE		
-O _{GUY}	EXISTING GUY WIRE		
ø—(III)	EXISTING UTILITY POLE WITH PROPOSED LEASE LIGHT		
•	PROPOSED PEDESTRIAN LIGHT POLE		
-	PROPOSED UTILITY POLE		
∞ —•	PROPOSED UTILITY POLE WITH PROPOSED LEASE LIGHT		
	PROPOSED SIGNAL POLE		

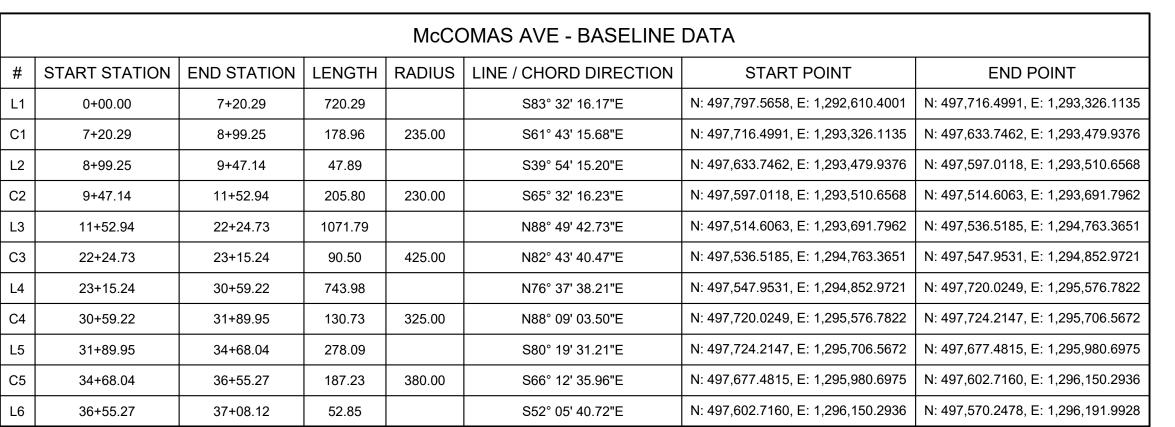


MONTGOMERY	COUNTY
DEPARTMENT OF TR GAITHERSBURG,	
RECOMMENDED FOR APPROVAL REFER TO TITLE SHEET	FOR SIGNATURES
Chief, Design Section APPROVED	Date
REFER TO TITLE SHEET Chief, Division of Transportation Engineering	FOR SIGNATURES Date

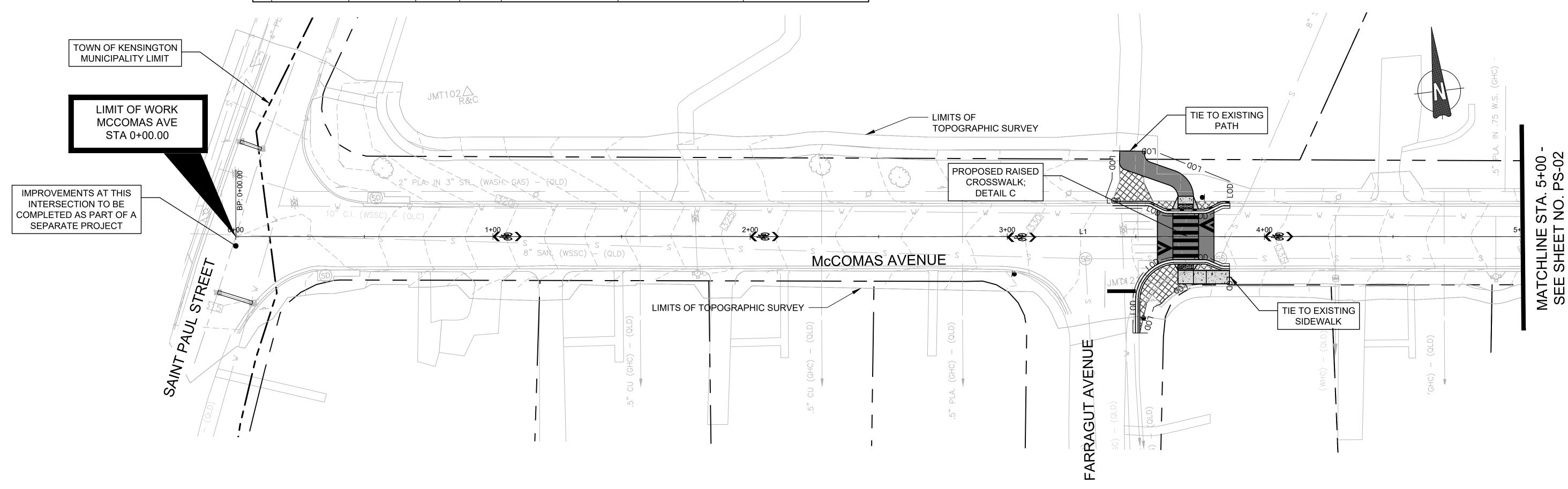
GN-02 GENERAL NOTES MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

DATE: MARCH 2025

CIP No. : 502002 SHEET 2 of 90



	McCOMAS AVE - BASELINE DATA						
#	START STATION	END STATION	LENGTH	RADIUS	LINE / CHORD DIRECTION	START POINT	END POINT
C6	37+08.12	39+70.51	262.39	375.00	S72° 08' 22.59"E	N: 497,570.2478, E: 1,296,191.9928	N: 497,491.4053, E: 1,296,436.6720
L7	39+70.51	49+64.15	993.65		N87° 48' 55.53"E	N: 497,491.4053, E: 1,296,436.6720	N: 497,529.2819, E: 1,297,429.5971
C7	49+64.15	50+37.00	72.85	1500.00	N89° 12' 24.03"E	N: 497,529.2819, E: 1,297,429.5971	N: 497,530.2904, E: 1,297,502.4285
L8	50+37.00	50+87.21	50.21		S89° 24' 07.48"E	N: 497,530.2904, E: 1,297,502.4285	N: 497,529.7665, E: 1,297,552.6329
C8	50+87.21	51+36.14	48.94	1500.00	N89° 39' 47.94"E	N: 497,529.7665, E: 1,297,552.6329	N: 497,530.0540, E: 1,297,601.5658
L9	51+36.14	55+19.24	383.09		N88° 43' 43.35"E	N: 497,530.0540, E: 1,297,601.5658	N: 497,538.5535, E: 1,297,984.5639
C9	55+19.24	56+64.01	144.77	100.00	S49° 47' 52.17"E	N: 497,538.5535, E: 1,297,984.5639	N: 497,453.0558, E: 1,298,085.7290
L10	56+64.01	58+37.34	173.33		S08° 19' 27.68"E	N: 497,453.0558, E: 1,298,085.7290	N: 497,281.5491, E: 1,298,110.8236
C10	58+37.34	59+67.28	129.95	90.00	S49° 41' 14.73"E	N: 497,281.5491, E: 1,298,110.8236	N: 497,204.5941, E: 1,298,201.5254
L11	59+67.28	63+65.52	398.24		N88° 56' 58.22"E	N: 497,204.5941, E: 1,298,201.5254	N: 497,211.8952, E: 1,298,599.6964



REMOVE	EXISTING P	AVEMENT
QUANTITY	FROM	то
148 SF	3+41 LT	3+55 LT
20 SF	3+74 LT	3+86 LT
178 SF	3+50 RT	3+79 RT
18 SF	3+73 RT	3+85 RT

COMBINATION CONCRETE CURB AND GUTTER — TYPE A MC-100.01			
QUANTITY	FROM	то	
47 LF	3+41 LT	3+86 LT	
59 LF	3+50 RT	3+86 RT	

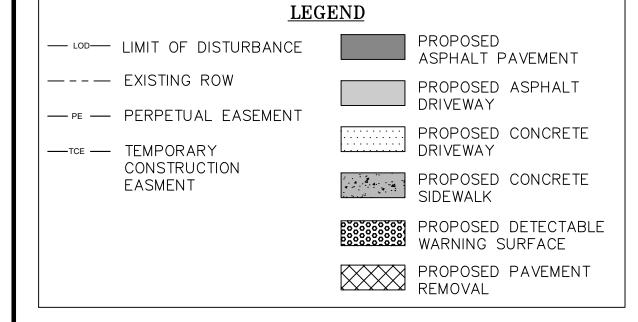
FULL DEPTH PAVEMENT			
•			
ADJACE	NT TO NEW	CURB)	
QUANTITY	FROM	ТО	
47 SF	3+41 LT	3+86 LT	
59 SF	3+50 RT	3+86 RT	
	(1' ADJACE QUANTITY 47 SF	(1' WIDTH ST ADJACENT TO NEW QUANTITY FROM 47 SF 3+41 LT	

RESIDENTIAL SIDEWALK MC-110.01				
QUANTITY	FROM	ТО		
30 SF	3+58 LT	3+73 LT		
112 SF 3+66 RT 3+86 RT				

DETECTABLE WARNING SURFACE MD-655.40			
QUANTITY	STATION	WIDTH	
12 SF	3+79 LT	6.0'	
12 SF	3+79 RT	6.0'	

ASPHALT SIDEPATH					
QUANTITY FROM TO					
205 SF 3+44 LT 3+58 LT					

RAISED	ASPHALT F	AVEMENT
QUANTITY	FROM	ТО
407 SF	3+58	3+80



1. SEE SHEETS DT-01 AND DT-02 FOR DETAILS OF RAISED CROSSWALKS, RAISED INTERSECTIONS,

SPEED HUMPS, DRIVEWAY ENTRANCES, CROSSWALKS, AND PAVEMENT DETAILS.

2. SEE SHEET DT-03 FOR FARRAGUT AVENUE GRADES AND GEOMETRIC DETAILS. 3. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE COMPLETED BY SANDBLASTING.

5. UNLESS OTHERWISE SPECIFIED, ALL DISTURBED TURFGRASS AREAS SHALL BE STABILIZED WITH:

4. SEE SN-SERIES FOR PAVEMENT MARKING DETAILS AND QUANTITIES.

- 4" OF TOPSOIL

- TURFGRASS SEED MIX

- 20% VIRGINIA WILD RYE - 20% RIPARIAN WILD RYE

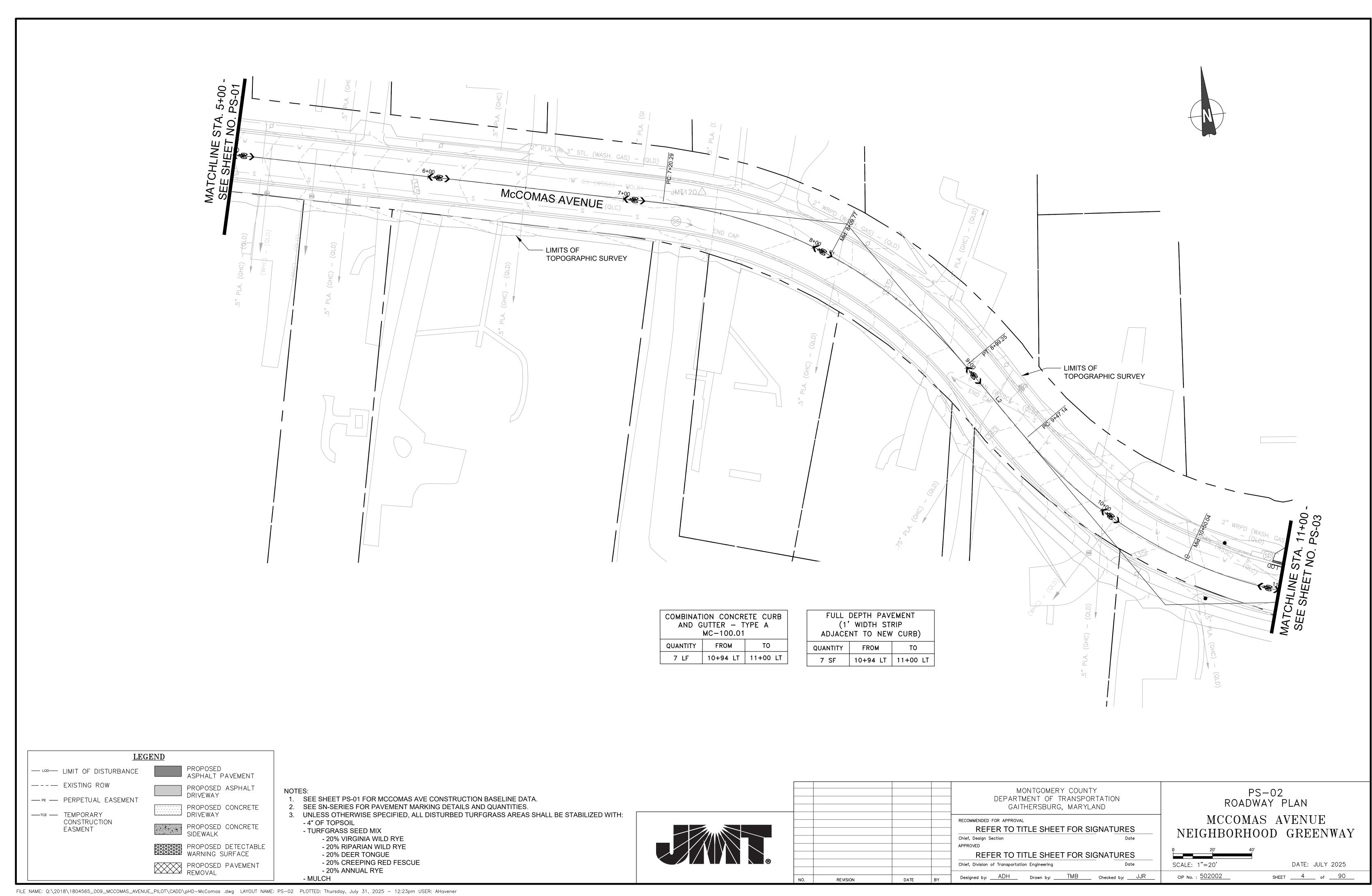
- 20% DEER TONGUE - 20% CREEPING RED FESCUE

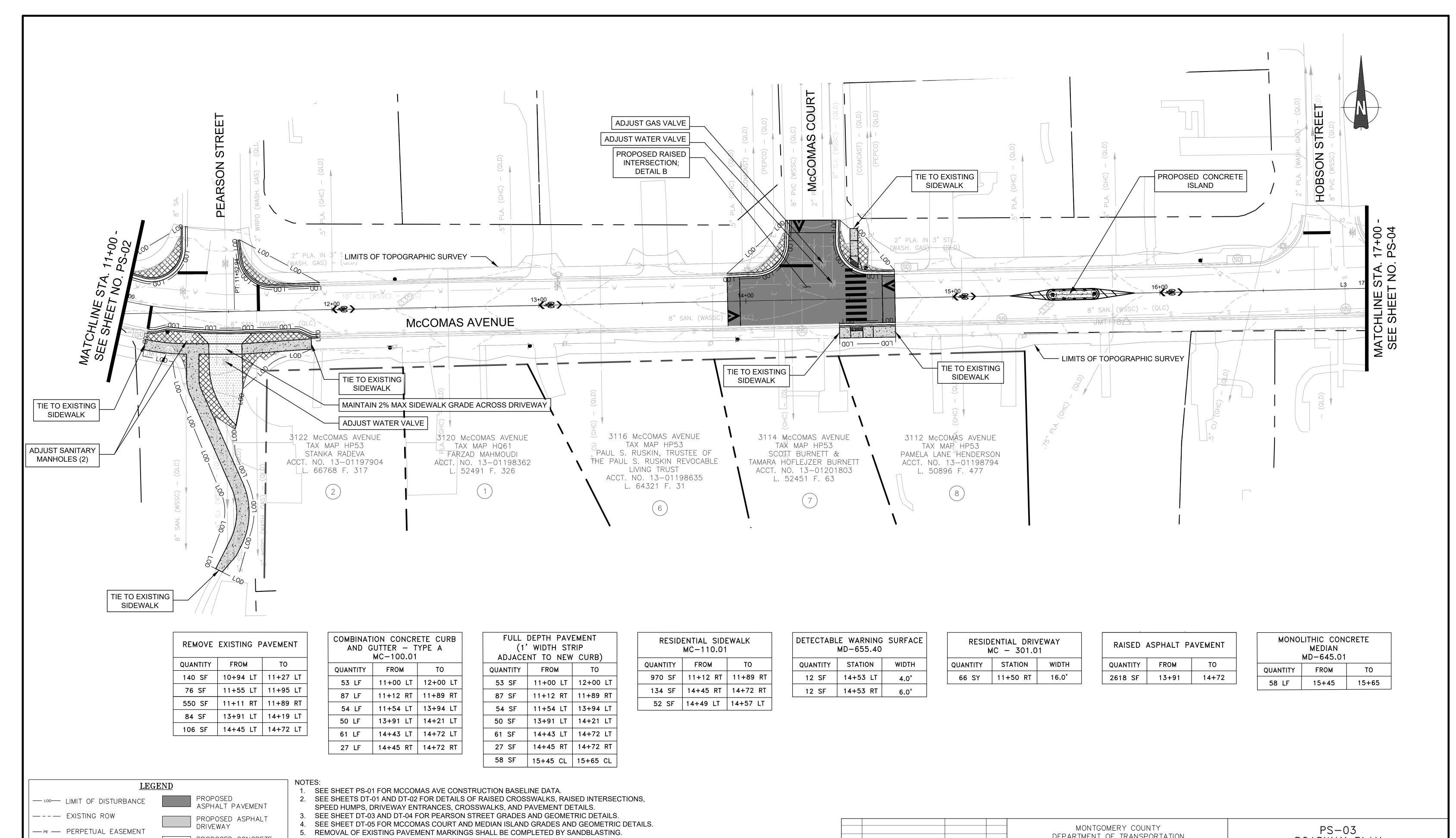
- 20% ANNUAL RYE

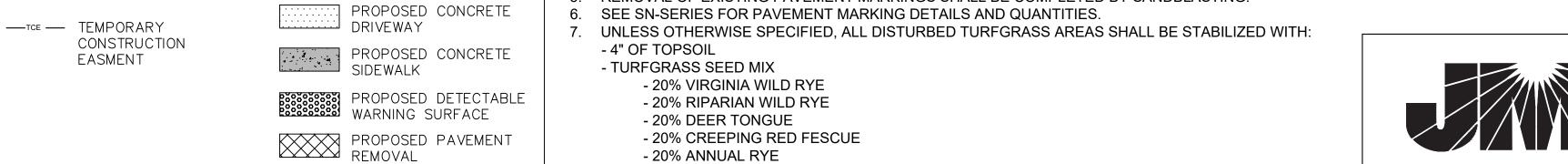
				MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND	
				RECOMMENDED FOR APPROVAL REFER TO TITLE SHEET FOR SIGNATURES Chief, Design Section Date APPROVED	
				REFER TO TITLE SHEET FOR SIGNATURES Chief, Division of Transportation Engineering Date	
NO.	REVISION	DATE	BY	Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u>	

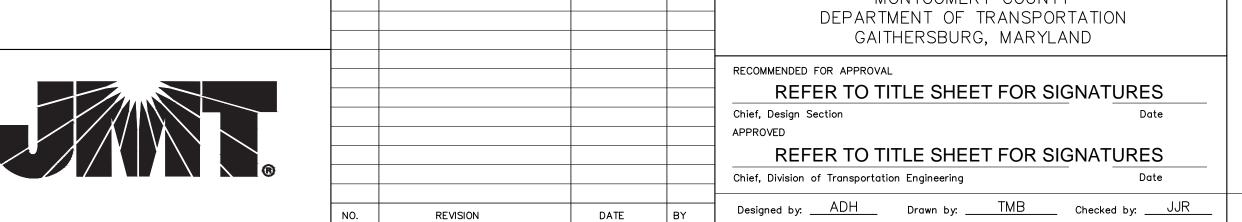
PS-01 ROADWAY PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

SCALE: 1"=20' DATE: JULY 2025 CIP No. : 502002 SHEET <u>3</u> of <u>90</u>







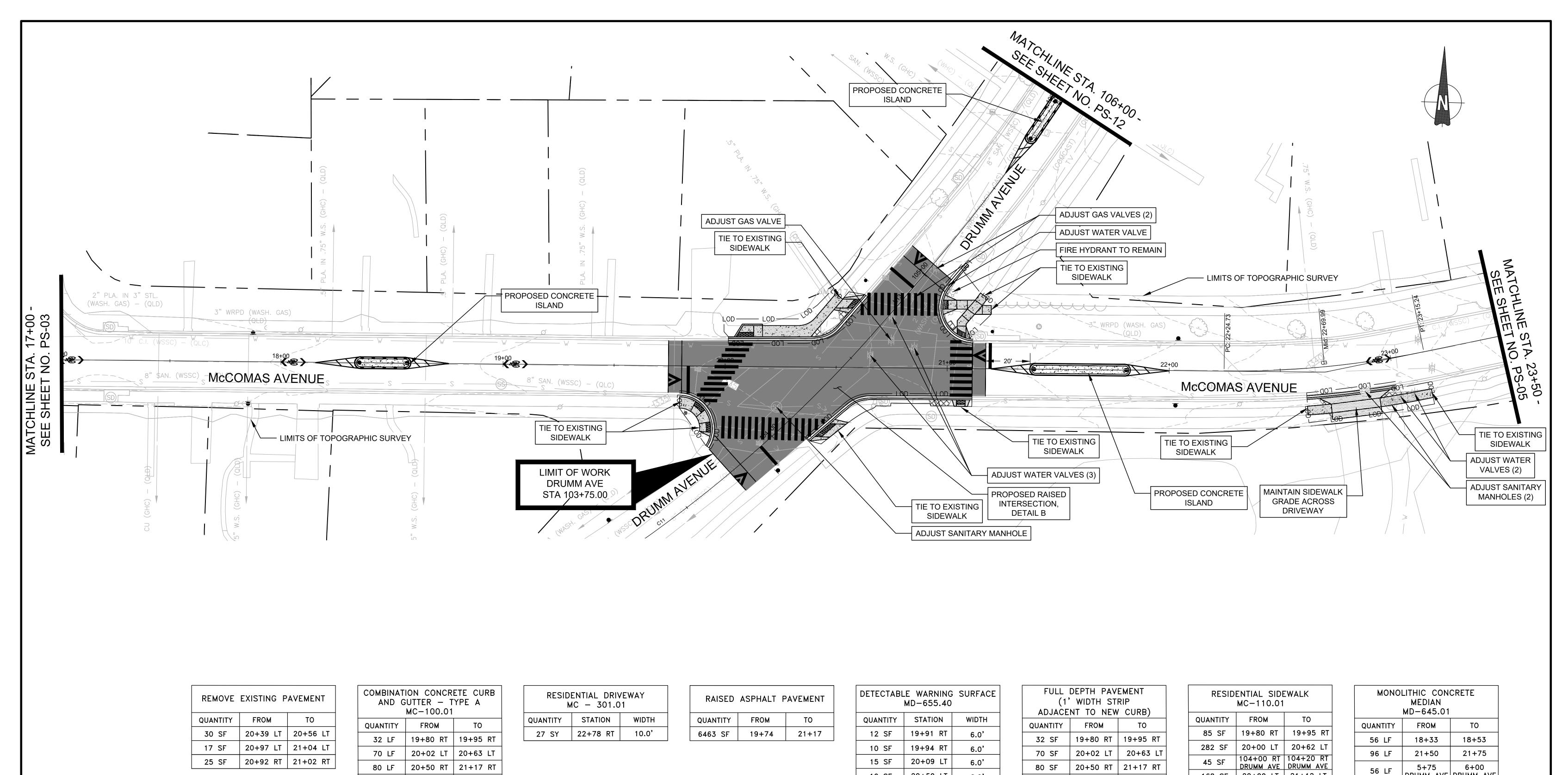


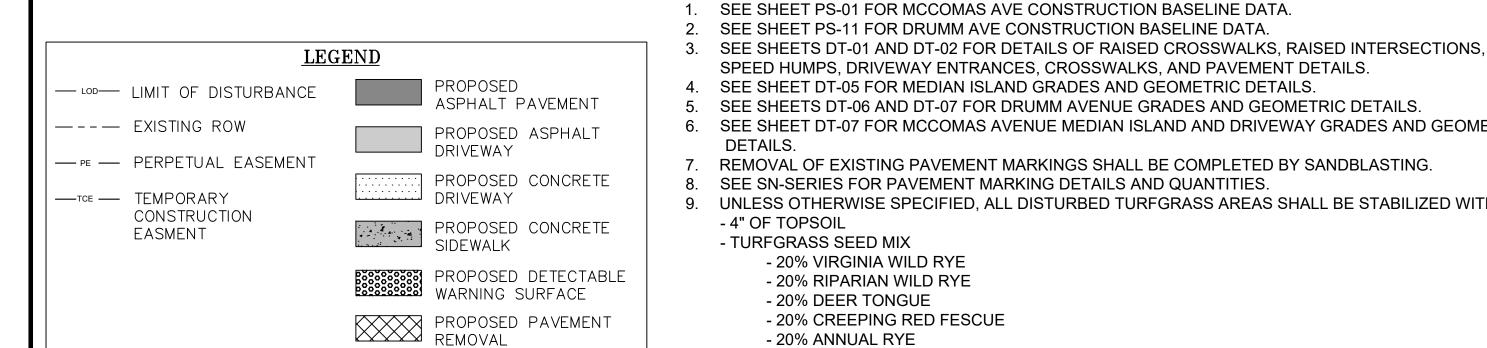
PS-03
ROADWAY PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20' DATE: JULY 2025

CIP No. : 502002 SHEET 5 of 90

- MULCH





40 LF | 22+61 RT | 23+01 RT

DETAILS.

- MULCH

- 4" OF TOPSOIL

- TURFGRASS SEED MIX

- 20% VIRGINIA WILD RYE

- 20% DEER TONGUE

- 20% ANNUAL RYE

- 20% RIPARIAN WILD RYE

- 20% CREEPING RED FESCUE

2. SEE SHEET PS-11 FOR DRUMM AVE CONSTRUCTION BASELINE DATA.

8. SEE SN-SERIES FOR PAVEMENT MARKING DETAILS AND QUANTITIES.

SPEED HUMPS, DRIVEWAY ENTRANCES, CROSSWALKS, AND PAVEMENT DETAILS.

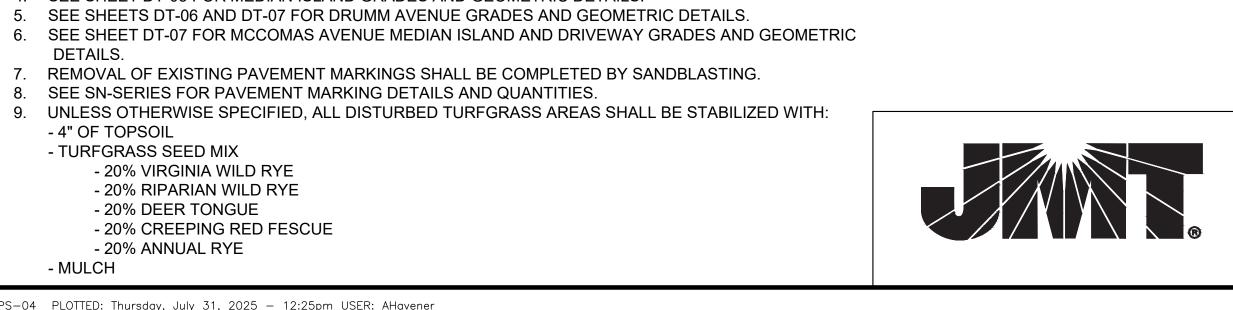
5. SEE SHEETS DT-06 AND DT-07 FOR DRUMM AVENUE GRADES AND GEOMETRIC DETAILS.

DETECTABLE WARNING SURFACE MD-655.40				
QUANTITY	STATION	WIDTH		
12 SF	19+91 RT	6.0'		
10 SF	19+94 RT	6.0'		
15 SF	20+09 LT	6.0'		
10 SF	20+59 LT	6.0'		
8 SF	21+00 LT	4.0'		
9 SF	21+06 LT	4.0'		
18 SF	20+46 RT	6.0'		
8 SF	21+07 RT	6.0'		

FULL DEPTH PAVEMENT				
(1'	WIDTH ST	RIP		
ADJACE	NT TO NEW	CURB)		
QUANTITY	FROM	ТО		
32 SF	19+80 RT	19+95 RT		
70 SF	20+02 LT	20+63 LT		
80 SF	20+50 RT	21+17 RT		
40 SF	22+61 RT	23+01 RT		
56 SF	18+33 CL	18+53 CL		
96 SF	21+50 CL	21+75 CL		
56 SF	105+75 DRUMM AVE	106+00 DRUMM AVE		

RESIDENTIAL SIDEWALK MC-110.01					
QUANTITY	FROM	ТО			
85 SF	19+80 RT	19+95 RT			
282 SF	20+00 LT	20+62 LT			
45 SF	104+00 RT DRUMM AVE	104+20 RT DRUMM AVE			
168 SF	20+99 LT	21+12 LT			
13 SF	21+02 RT	20+10 RT			

MEDIAN MD-645.01				
QUANTITY	FROM	ТО		
56 LF	18+33	18+53		
96 LF	21+50	21+75		
56 LF	5+75 DRUMM AVE	6+00 DRUMM AVI		



MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

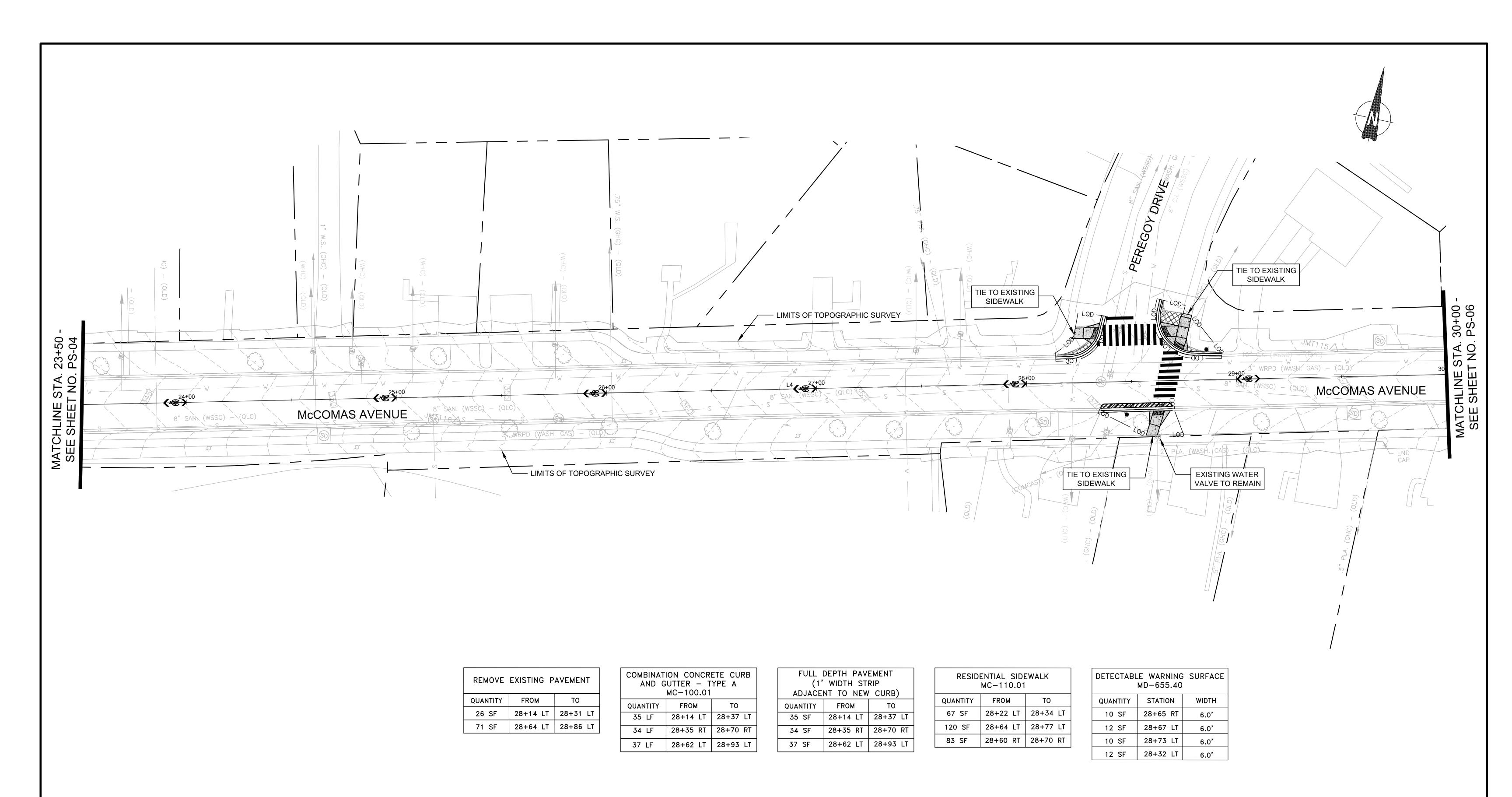
RECOMMENDED FOR APPROVAL REFER TO TITLE SHEET FOR SIGNATURES Chief, Design Section APPROVED

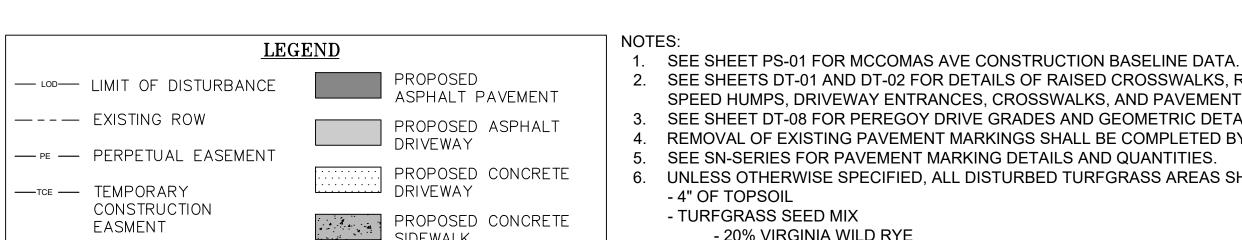
REFER TO TITLE SHEET FOR SIG	SNATURES
Chief, Division of Transportation Engineering	Date

Designed by: ADH Drawn by: TMB Checked by: JJR

PS-04 ROADWAY PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

SCALE: 1"=20' DATE: MARCH 2025 SHEET <u>6</u> of <u>90</u> CIP No. : 502002



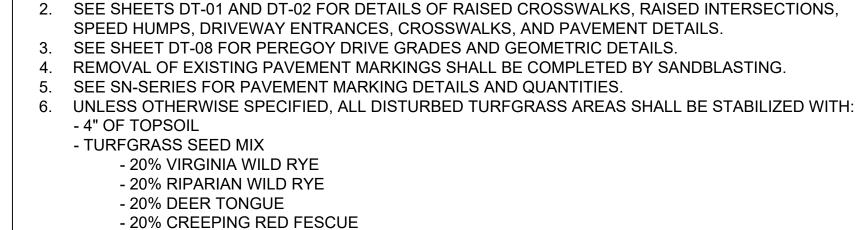


- 20% ANNUAL RYE

- MULCH

PROPOSED CONCRETE SIDEWALK

PROPOSED DETECTABLE WARNING SURFACE PROPOSED PAVEMENT REMOVAL



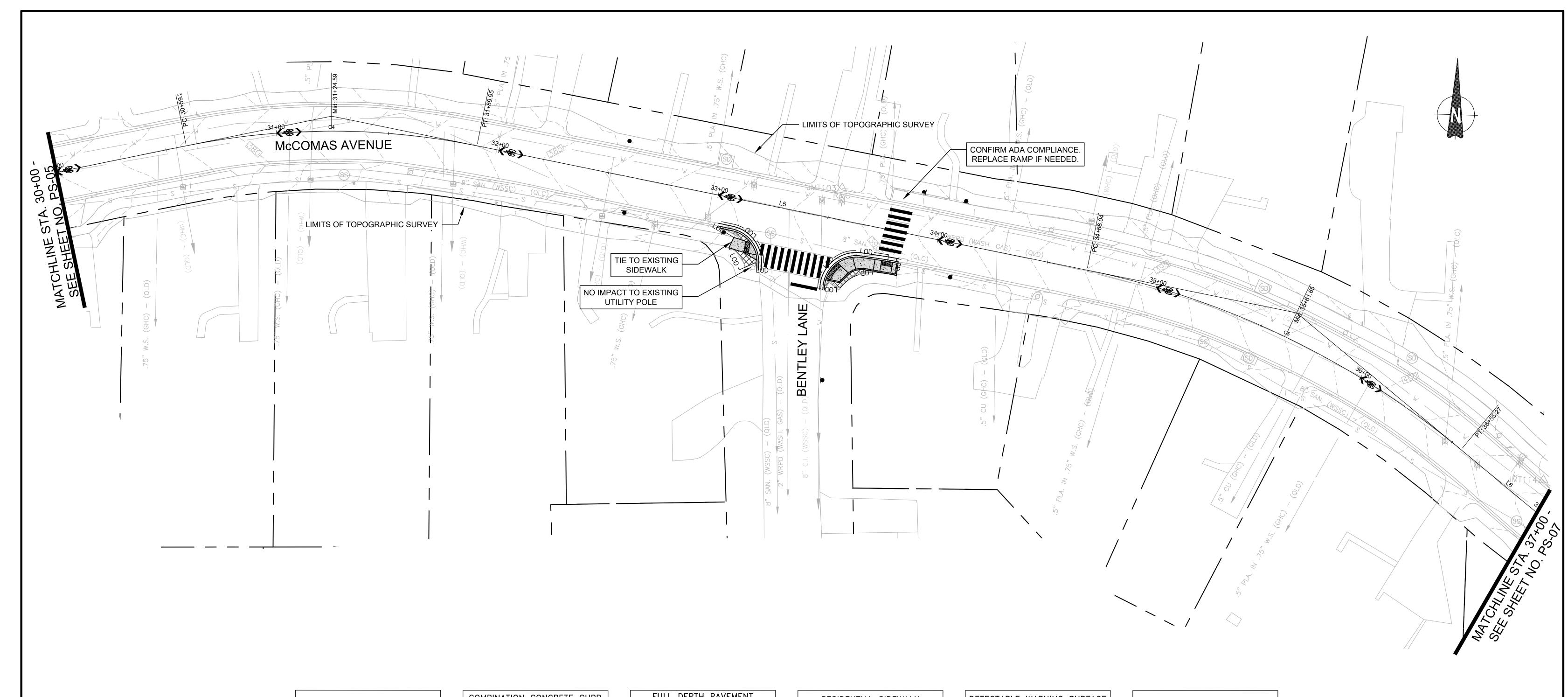


	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTA GAITHERSBURG, MARYLANI	
	REFER TO TITLE SHEET FOR SIGN	NATURES
	Chief, Design Section APPROVED	Date
	REFER TO TITLE SHEET FOR SIGN	NATURES
	Chief, Division of Transportation Engineering	Date

Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u>

PS-05 ROADWAY PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

0 20' 40'	
SCALE: 1"=20'	DATE: JULY 2025
CIP No. : 502002	SHEET <u>7</u> of <u>90</u>



REMOVE EXISTING PAVEMENT				
QUANTITY	FROM	то		
48 SF	33+01 RT	33+20 RT		
46 SF	33+51 RT	33+53 RT		

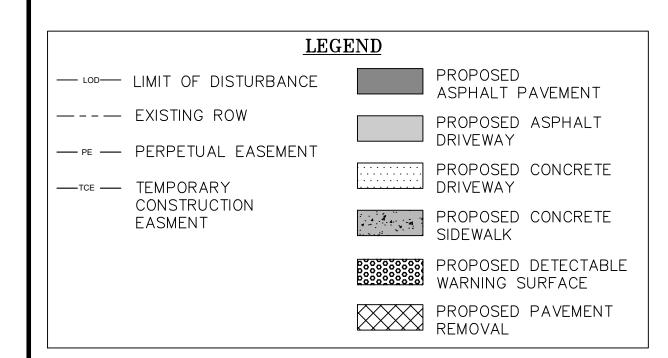
COMBINATION CONCRETE CURB AND GUTTER - TYPE A MC-100.01			
QUANTITY	FROM	ТО	
33 LF	33+02 RT	33+23 RT	
40 LF	33+50 RT	33+78 RT	

FULL DEPTH PAVEMENT				
(1'	WIDTH ST	RIP		
ADJACE	NT TO NEW	CURB)		
QUANTITY	FROM	ТО		
33 SF	33+02 RT	33+23 RT		
40 SF	33+50 RT	33+78 RT		

RESIDENTIAL SIDEWALK MC-110.01			
QUANTITY	FROM	ТО	
51 SF	33+09 RT	33+18 RT	
164 SF	33+54 RT	33+85 RT	

DETECTABLE WARNING SURFACE MD-655.40			
QUANTITY STATION WIDTH			
10 SF	33+13 RT	5.0'	
17 SF	33+50 RT	5.0'	
10 SF	33+80 RT	5.0'	

CONCI	RETE BACK	CURB
QUANTITY	FROM	ТО
40 LF	33+52 RT	33+85 RT



1. SEE SHEET PS-01 FOR MCCOMAS AVE CONSTRUCTION BASELINE DATA.

2. SEE SHEETS DT-01 AND DT-02 FOR DETAILS OF RAISED CROSSWALKS, RAISED INTERSECTIONS,

SPEED HUMPS, DRIVEWAY ENTRANCES, CROSSWALKS, AND PAVEMENT DETAILS.

3. SEE SHEET DT-08 FOR BENTLEY LANE GRADES AND GEOMETRIC DETAILS.

4. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE COMPLETED BY SANDBLASTING.

5. SEE SN-SERIES FOR PAVEMENT MARKING DETAILS AND QUANTITIES. 6. UNLESS OTHERWISE SPECIFIED, ALL DISTURBED TURFGRASS AREAS SHALL BE STABILIZED WITH:

- 4" OF TOPSOIL

- TURFGRASS SEED MIX

- 20% VIRGINIA WILD RYE - 20% RIPARIAN WILD RYE

- 20% DEER TONGUE

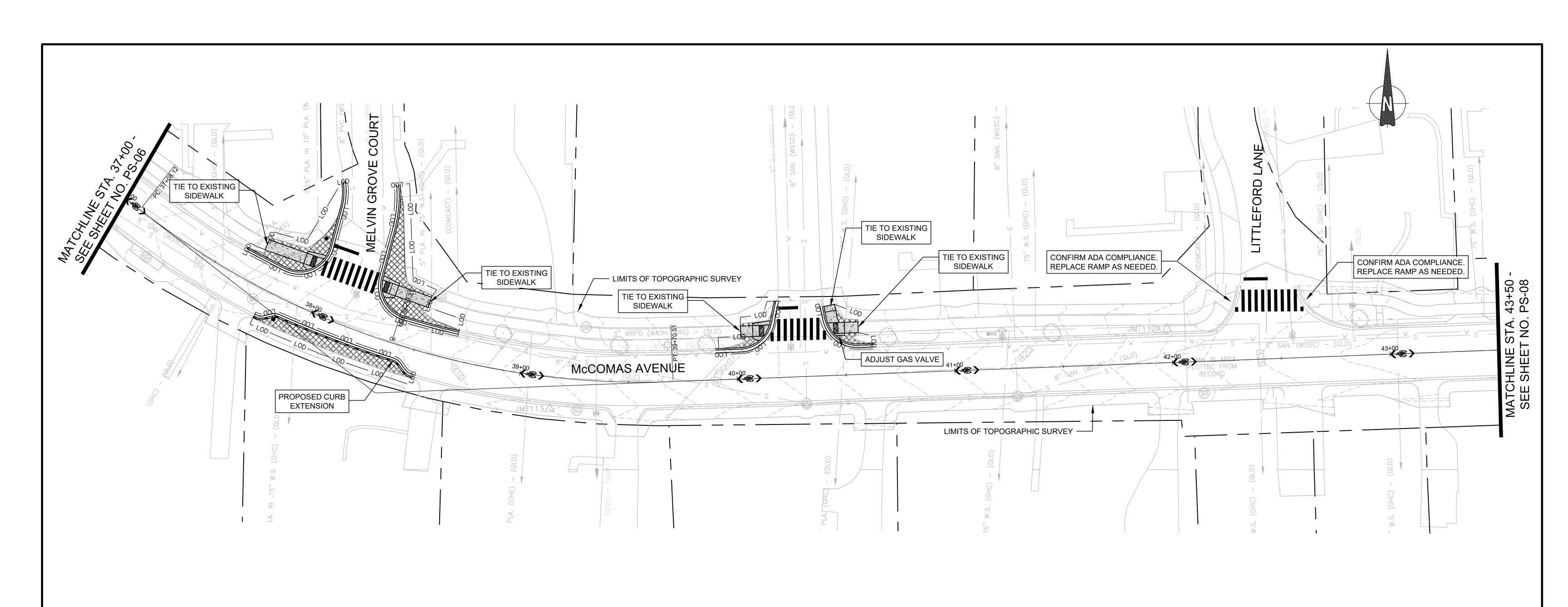
- 20% CREEPING RED FESCUE - 20% ANNUAL RYE

- MULCH

					MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND
					RECOMMENDED FOR APPROVAL REFER TO TITLE SHEET FOR SIGNATURES Chief, Design Section Date
®					APPROVED REFER TO TITLE SHEET FOR SIGNATURES Chief, Division of Transportation Engineering Date
	NO.	REVISION	DATE	BY	Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u>

PS-06 ROADWAY PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

SCALE: 1"=20' DATE: JULY 2025 CIP No. : 502002 SHEET <u>8</u> of <u>90</u>



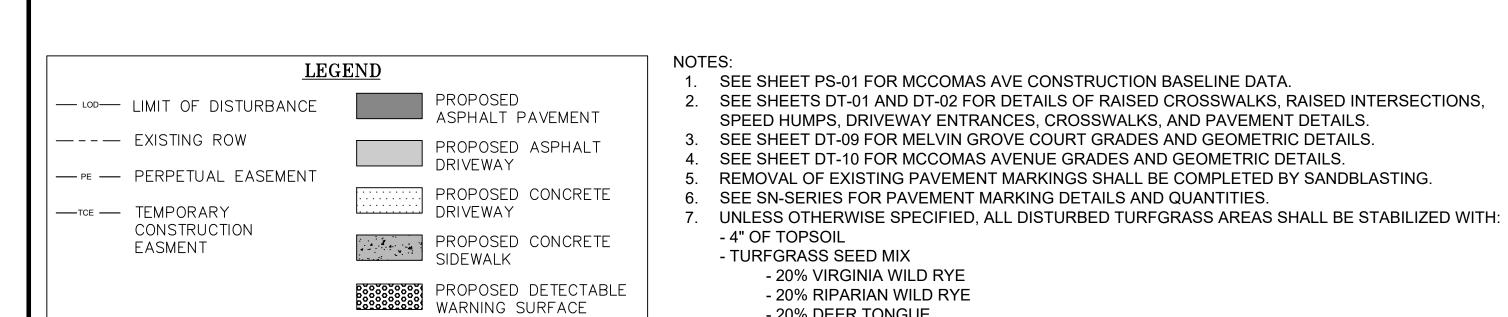
REMOVE EXISTING PAVEMENT			
QUANTITY	FROM	ТО	
185 SF	37+60 LT	37+92 LT	
318 SF	37+77 RT	38+53 RT	
374 SF	38+15 LT	38+68 LT	
48 SF	39+92 LT	40+19 LT	
56 SF	40+39 LT	40+63 LT	

COMBINATION CONCRETE CURB AND GUTTER — TYPE A MC-100.01				
QUANTITY	FROM	ТО		
79 LF	37+60 LT	37+92 LT		
80 LF	37+77 RT	38+53 RT		
94 LF	38+15 LT	38+68 LT		
44 LF	39+92 LT	40+19 LT		
35 LF	40+39 LT	40+63 LT		

FULL DEPTH PAVEMENT (1' WIDTH STRIP			
,	NT TO NEW		
QUANTITY	FROM	ТО	
79 SF	37+60 LT	37+92 LT	
80 SF	37+77 RT	38+53 RT	
94 SF	38+15 LT	38+68 LT	
44 SF	39+92 LT	40+19 LT	
35 SF	40+39 LT	40+63 LT	

'''	RESIDENTIAL SIDEWALK MC-110.01			
QUANTITY	FROM	ТО		
136 SF	37+60 LT	37+92 LT		
127 SF	38+15 LT	38+68 LT		
70 SF	39+92 LT	40+19 LT		
100 SF	40+39 LT	40+63 LT		

DETECTABLE WARNING SURFACE MD-655.40				
QUANTITY STATION WIDTH				
10 SF	37+88 LT	5.0'		
10 SF	38+30 LT	5.0'		
10 SF	40+12 LT	5.0'		
10 SF	40+46 LT	5.0'		



MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND RECOMMENDED FOR APPROVAL REFER TO TITLE SHEET FOR SIGNATURES Chief, Design Section APPROVED

Chief, Division of Transportation Engineering

REFER TO TITLE SHEET FOR SIGNATURES

ROADWAY PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

PS-07

DATE: JULY 2025 SCALE: 1"=20' Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u> CIP No. : 502002 SHEET <u>9</u> of <u>90</u>

PROPOSED PAVEMENT REMOVAL

- 20% VIRGINIA WILD RYE

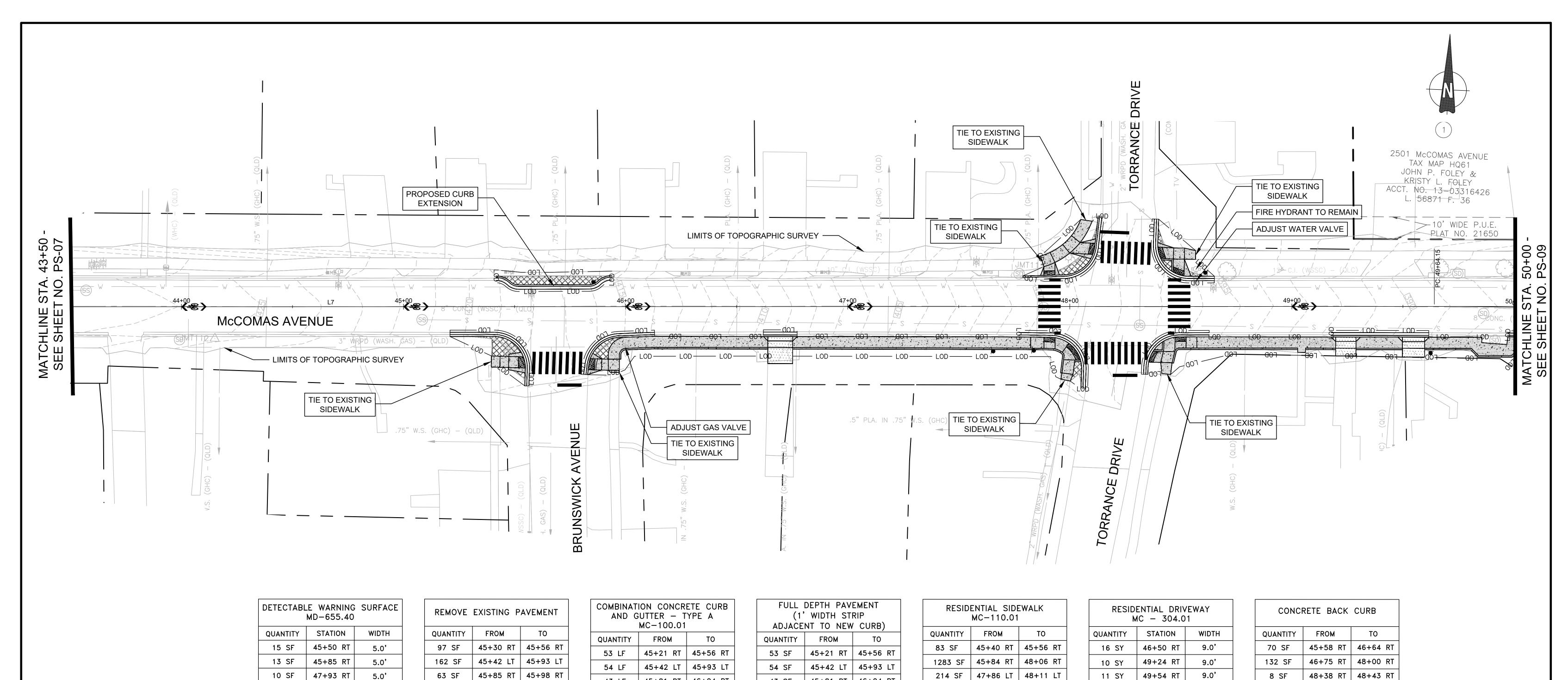
- 20% DEER TONGUE

- 20% ANNUAL RYE

- MULCH

- 20% RIPARIAN WILD RYE

- 20% CREEPING RED FESCUE



DETECTABLE WARNING SURFACE MD-655.40				
QUANTITY	STATION	WIDTH		
15 SF	45+50 RT	5.0'		
13 SF	45+85 RT	5.0'		
10 SF	47+93 RT	5.0'		
10 SF	47+91 LT	5.0'		
12 SF	47+91 RT	5.0'		
12 SF	48+05 RT	5.0'		
11 SF	48+09 LT	5.0'		
11 SF	48+11 LT	5.0'		
12 SF	48+48 RT	5.0'		
10 SF	48+50 RT	5.0'		

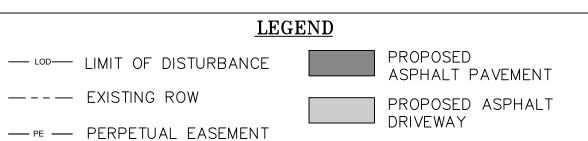
REMOVE	EXISTING P	AVEMENT
QUANTITY	FROM	ТО
97 SF	45+30 RT	45+56 RT
162 SF	45+42 LT	45+93 LT
63 SF	45+85 RT	45+98 RT
18 SF	48+00 RT	48+06 RT
38 SF	48+40 LT	48+64 LT

COMBINATION CONCRETE CURB AND GUTTER — TYPE A MC-100.01			
QUANTITY	FROM	то	
53 LF	45+21 RT	45+56 RT	
54 LF	45+42 LT	45+93 LT	
43 LF	45+81 RT	46+04 RT	
16 LF	46+63 RT	46+78 RT	
49 LF	47+82 RT	48+07 RT	
55 LF	47+85 LT	47+98 LT	
41 LF	48+33 RT	48+57 RT	
48 LF	48+41 LT	48+54 LT	

	DEPTH PAV		
,	(1' WIDTH STRIP ADJACENT TO NEW CURB)		
ADJACE	NI IO NEW	CORB)	
QUANTITY	FROM	ТО	
53 SF	45+21 RT	45+56 RT	
54 SF	45+42 LT	45+93 LT	
43 SF	45+81 RT	46+04 RT	
16 SF	46+63 RT	46+78 RT	
49 SF	47+82 RT	48+07 RT	
55 SF	47+85 LT	47+98 LT	
41 SF	48+33 RT	48+57 RT	
48 SF	48+41 LT	48+54 LT	

RESIDENTIAL SIDEWALK MC-110.01			
QUANTITY	FROM	ТО	
83 SF	45+40 RT	45+56 RT	
1283 SF	45+84 RT	48+06 RT	
214 SF	47+86 LT	48+11 LT	
130 SF	48+39 LT	48+54 LT	
879 SF	48+35 RT	50+00 RT	
118 SF	48+41 LT	48+57 LT	

CONCRETE BACK		CURB
QUANTITY	FROM	ТО
70 SF	45+58 RT	46+64 RT
132 SF	46+75 RT	48+00 RT
8 SF	48+38 RT	48+43 RT
61 SF	48+50 RT	49+03 RT
20 SF	49+30 RT	49+50 RT
41 SF	49+60 RT	50+00 RT



EASMENT

PROPOSED CONCRETE DRIVEWAY —TCE — TEMPORARY CONSTRUCTION PROPOSED CONCRETE SIDEWALK

PROPOSED DETECTABLE WARNING SURFACE PROPOSED PAVEMENT REMOVAL

- 1. SEE SHEET PS-01 FOR MCCOMAS AVE CONSTRUCTION BASELINE DATA.
- 2. SEE SHEETS DT-01 AND DT-02 FOR DETAILS OF RAISED CROSSWALKS, RAISED INTERSECTIONS,
- SPEED HUMPS, DRIVEWAY ENTRANCES, CROSSWALKS, AND PAVEMENT DETAILS.
- 3. SEE SHEET DT-11 FOR BRUNSWICK AVENUE GRADES AND GEOMETRIC DETAILS. 4. SEE SHEET DT-12 FOR TORRANCE DRIVE GRADES AND GEOMETRIC DETAILS.
- REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE COMPLETED BY SANDBLASTING.
- 6. SEE SN-SERIES FOR PAVEMENT MARKING DETAILS AND QUANTITIES.
- 7. UNLESS OTHERWISE SPECIFIED, ALL DISTURBED TURFGRASS AREAS SHALL BE STABILIZED WITH:
 - 4" OF TOPSOIL - TURFGRASS SEED MIX
 - 20% VIRGINIA WILD RYE
 - 20% RIPARIAN WILD RYE
 - 20% DEER TONGUE - 20% CREEPING RED FESCUE
- 20% ANNUAL RYE - MULCH

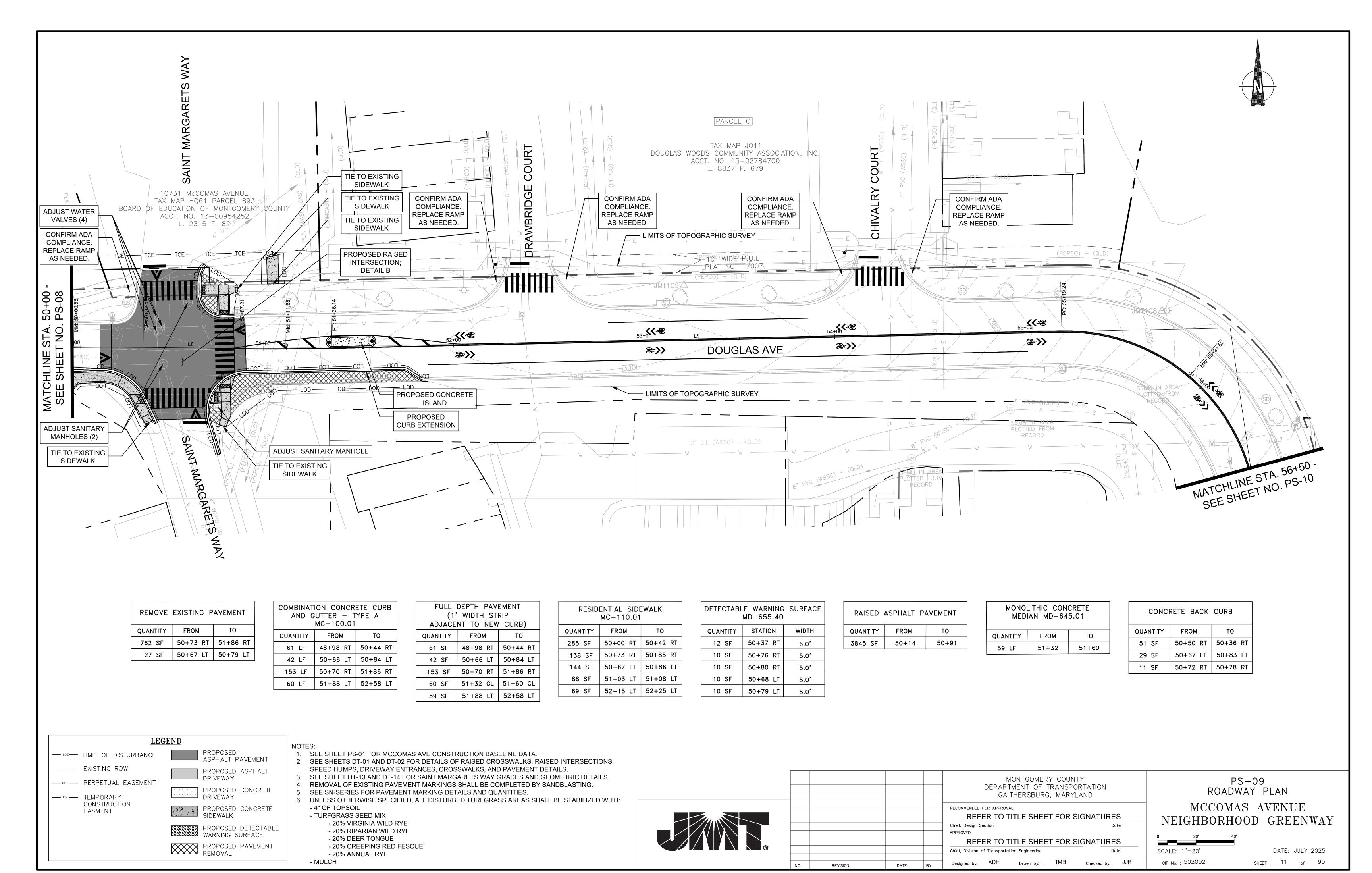
	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND
	REFER TO TITLE SHEET FOR SIGNATURES
	Chief, Design Section Date APPROVED
	REFER TO TITLE SHEET FOR SIGNATURES

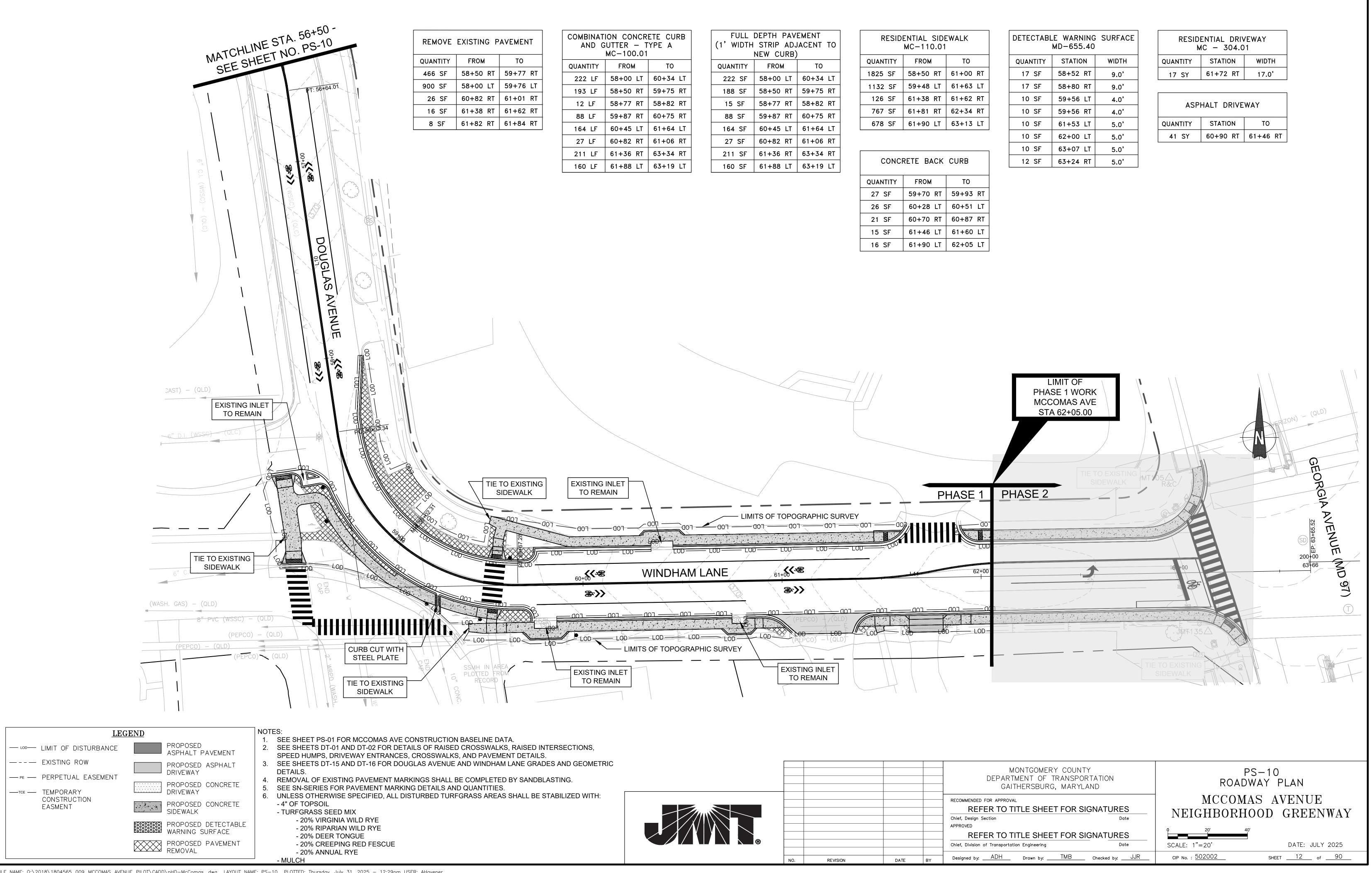
Chief, Division of Transportation Engineering

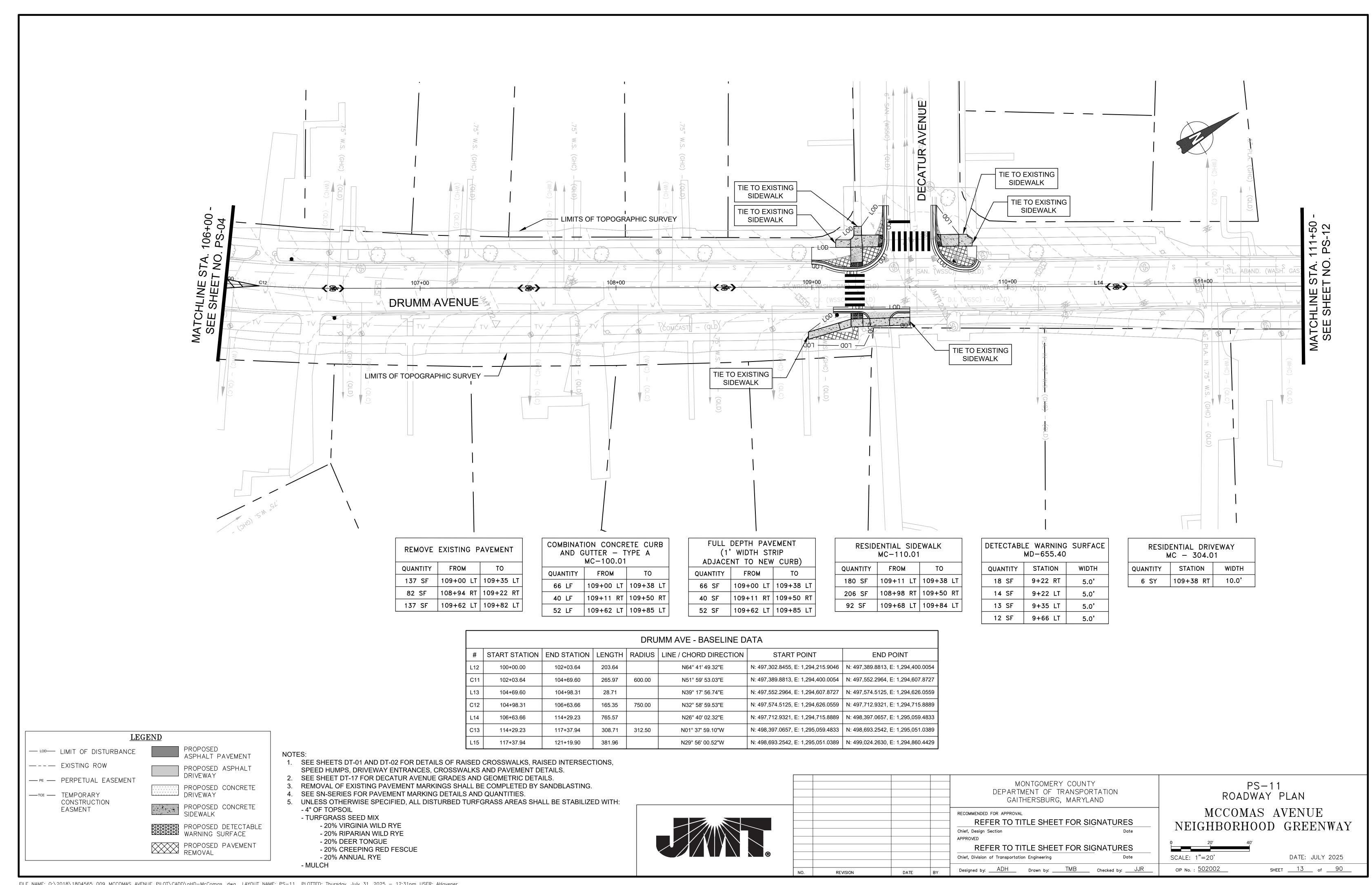
Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u>

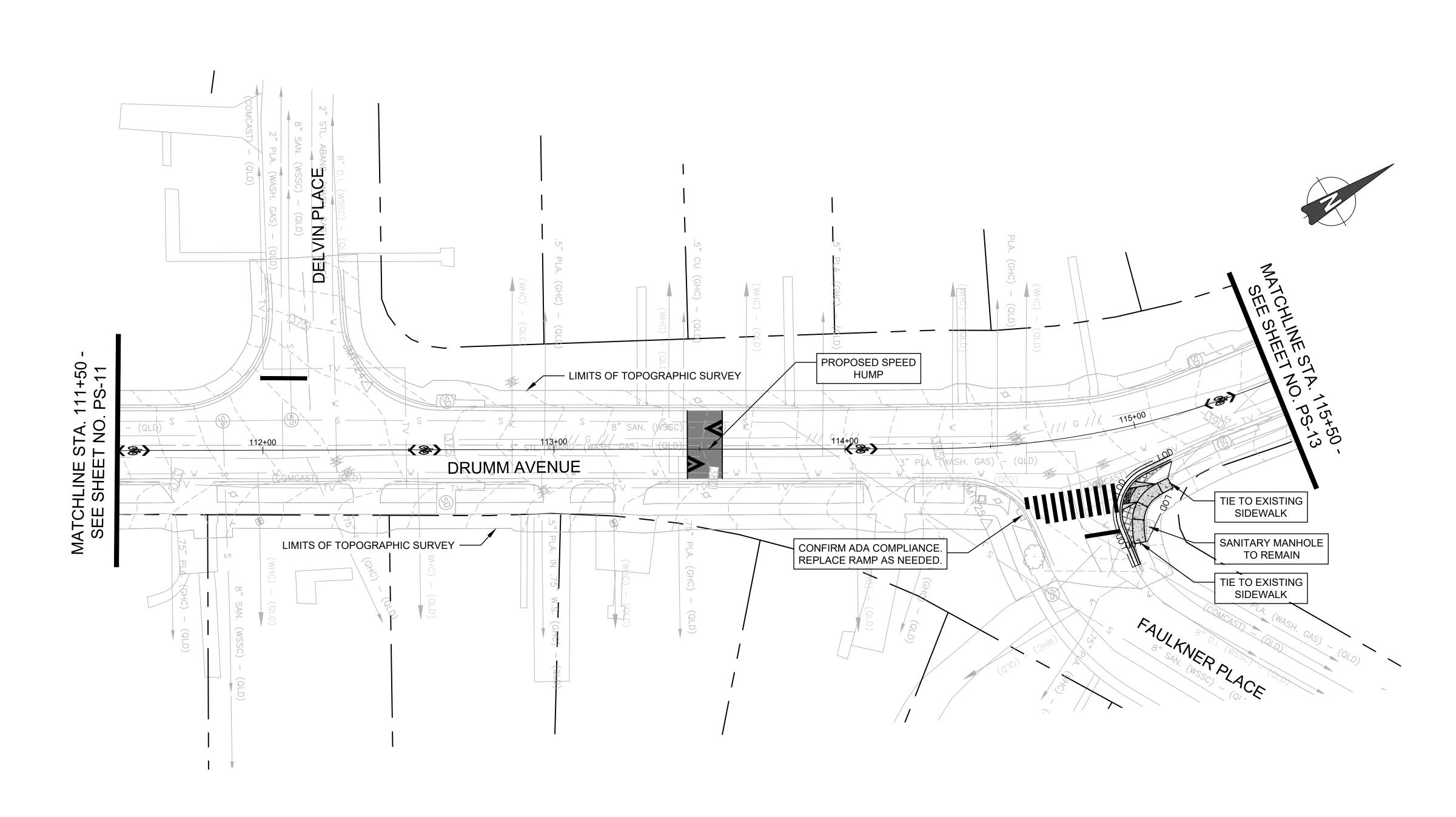
PS-08 ROADWAY PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

SCALE: 1"=20' DATE: JULY 2025 CIP No. : 502002 SHEET <u>10</u> of <u>90</u>









REMOVE	EXISTING P	AVEMENT
QUANTITY	FROM	то
54 SF	114+88 RT	115+10 RT

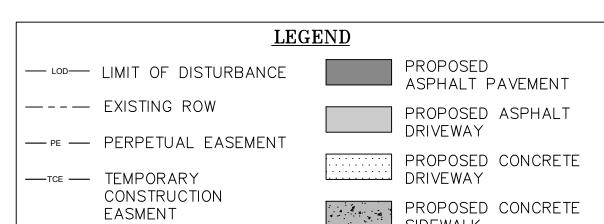
		ASPHALT PA	
С	UANTITY	FROM	ТО
	281 SF	113+46	113+58

AND G	ION CONCR UTTER — T MC-100.01	
QUANTITY	FROM	ТО
49 LF	114+88 RT	115+10 RT

FULL	DEPTH PAV	EMENT
(1' WIDTH STRIP		
ADJACENT TO NEW CURB)		
QUANTITY	FROM	ТО
49 SF	114+88 RT	115+10 RT

RESIDENTIAL SIDEWALK MC-110.01		
QUANTITY	FROM	ТО
50 SF	114+90 RT	115+09 RT

DETECTABLE WARNING SURFACE MD-655.40		
QUANTITY	STATION	WIDTH
11 SF	114+90 RT	6.0'



PROPOSED CONCRETE SIDEWALK

PROPOSED DETECTABLE WARNING SURFACE

PROPOSED PAVEMENT REMOVAL

1. SEE SHEET PS-11 FOR DRUMM AVE CONSTRUCTION BASELINE DATA.

2. SEE SHEETS DT-01 AND DT-02 FOR DETAILS OF RAISED CROSSWALKS, RAISED INTERSECTIONS, SPEED HUMPS, DRIVEWAY ENTRANCES, CROSSWALKS, AND PAVEMENT DETAILS.

3. SEE SHEET DT-17 FOR FAULKNER PLACE GRADES AND GEOMETRIC DETAILS. 4. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE COMPLETED BY SANDBLASTING.

5. SEE SN-SERIES FOR PAVEMENT MARKING DETAILS AND QUANTITIES. 6. UNLESS OTHERWISE SPECIFIED, ALL DISTURBED TURFGRASS AREAS SHALL BE STABILIZED WITH:

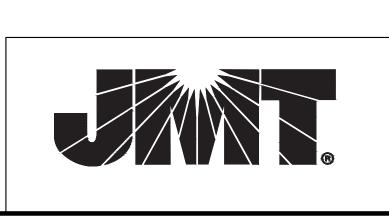
- 4" OF TOPSOIL - TURFGRASS SEED MIX

- 20% VIRGINIA WILD RYE

- 20% RIPARIAN WILD RYE - 20% DEER TONGUE

- 20% CREEPING RED FESCUE

- 20% ANNUAL RYE - MULCH



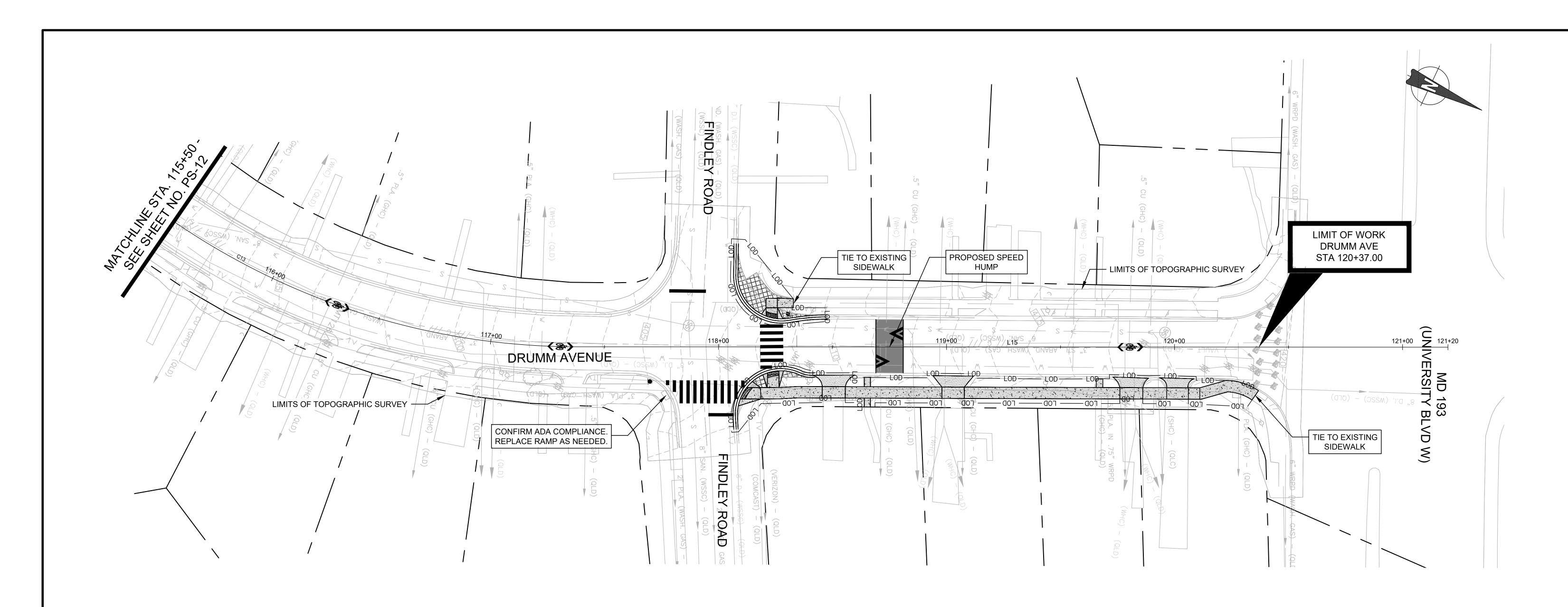
		MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND
		REFER TO TITLE SHEET FOR SIGNATURES
		Chief, Design Section Date APPROVED
		REFER TO TITLE SHEET FOR SIGNATURES

Chief, Division of Transportation Engineering

Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u>

PS-12 ROADWAY PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

SCALE: 1"=20' DATE: JULY 2025 SHEET <u>14</u> of <u>90</u> CIP No. : 502002



REMOVE	EXISTING P	AVEMENT
QUANTITY	FROM	ТО
33 SF	118+07 RT	118+41 RT
211 SF	118+07 LT	118+41 LT

COMBINATION CONCRETE CURB AND GUTTER — TYPE A								
MC-100.01								
QUANTITY FROM TO								
54 LF	118+07 RT	118+41 RT						

65 LF | 118+07 LT | 118+41 LT

SEE SHEET PS-11 FOR DRUMM AVE CONSTRUCTION BASELINE DATA.

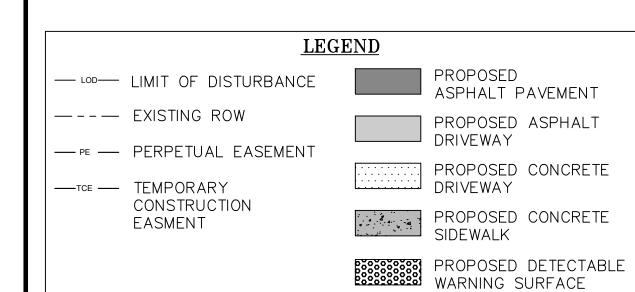
FULL DEPTH PAVEMENT										
(1' WIDTH STRIP										
ADJACENT TO NEW CURB)										
QUANTITY	FROM	ТО								
54 SF	118+07 RT	118+41 RT								
65 SF	118+07 LT	118+41 LT								

RAISED ASPHALT PAVEMENT (SPEED HUMP)								
QUANTITY FROM TO								
282 SF	118+69	118+81						

RESIDENTIAL SIDEWALK MC-110.01								
QUANTITY	QUANTITY FROM							
1162 SF	118+08 RT	120+37 RT						
74 SF	118+19 LT	118+33 RT						

DETECTABLE WARNING SURFACE MD-655.40									
QUANTITY STATION WIDTH									
13 SF	118+15 RT	5.0'							
11 SF	118+25 RT	5.0'							
11 SF	118+25 LT	5.0'							

RESIDENTIAL DRIVEWAY MC - 304.01								
QUANTITY	STATION	WIDTH						
7 SY	118+50 RT	10.0'						
8 SY	119+03 RT	10.0'						
6 SY	119+80 RT	10.0'						
5 SY	120+00 RT	10.0'						



SPEED HUMPS, DRIVEWAY ENTRANCES, CROSSWALKS, AND PAVEMENT DETAILS.

3. SEE SHEET DT-18 FOR FINDLEY ROAD AND DRUMM AVENUE APPROACHING MD 193 GRADES AND GEOMETRIC DETAILS.

4. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE COMPLETED BY SANDBLASTING.

5. SEE SN-SERIES FOR PAVEMENT MARKING DETAILS AND QUANTITIES.

6. UNLESS OTHERWISE SPECIFIED, ALL DISTURBED TURFGRASS AREAS SHALL BE STABILIZED WITH:

- 4" OF TOPSOIL

- TURFGRASS SEED MIX

- 20% VIRGINIA WILD RYE

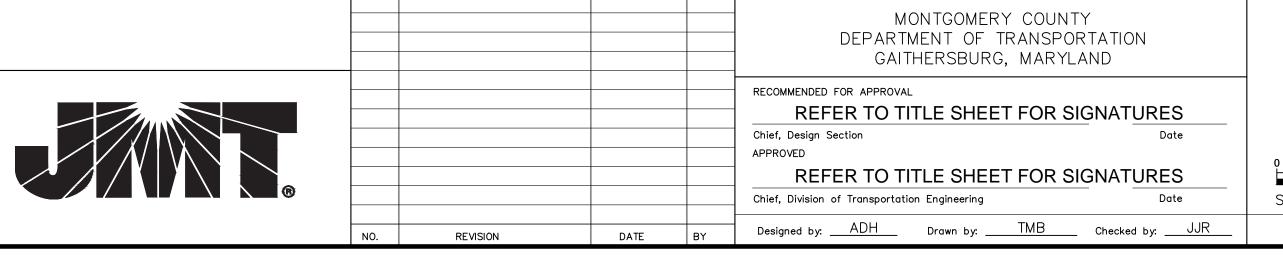
- 20% RIPARIAN WILD RYE

- 20% CREEPING RED FESCUE

- 20% ANNUAL RYE

- MULCH

2. SEE SHEETS DT-01 AND DT-02 FOR DETAILS OF RAISED CROSSWALKS, RAISED INTERSECTIONS,

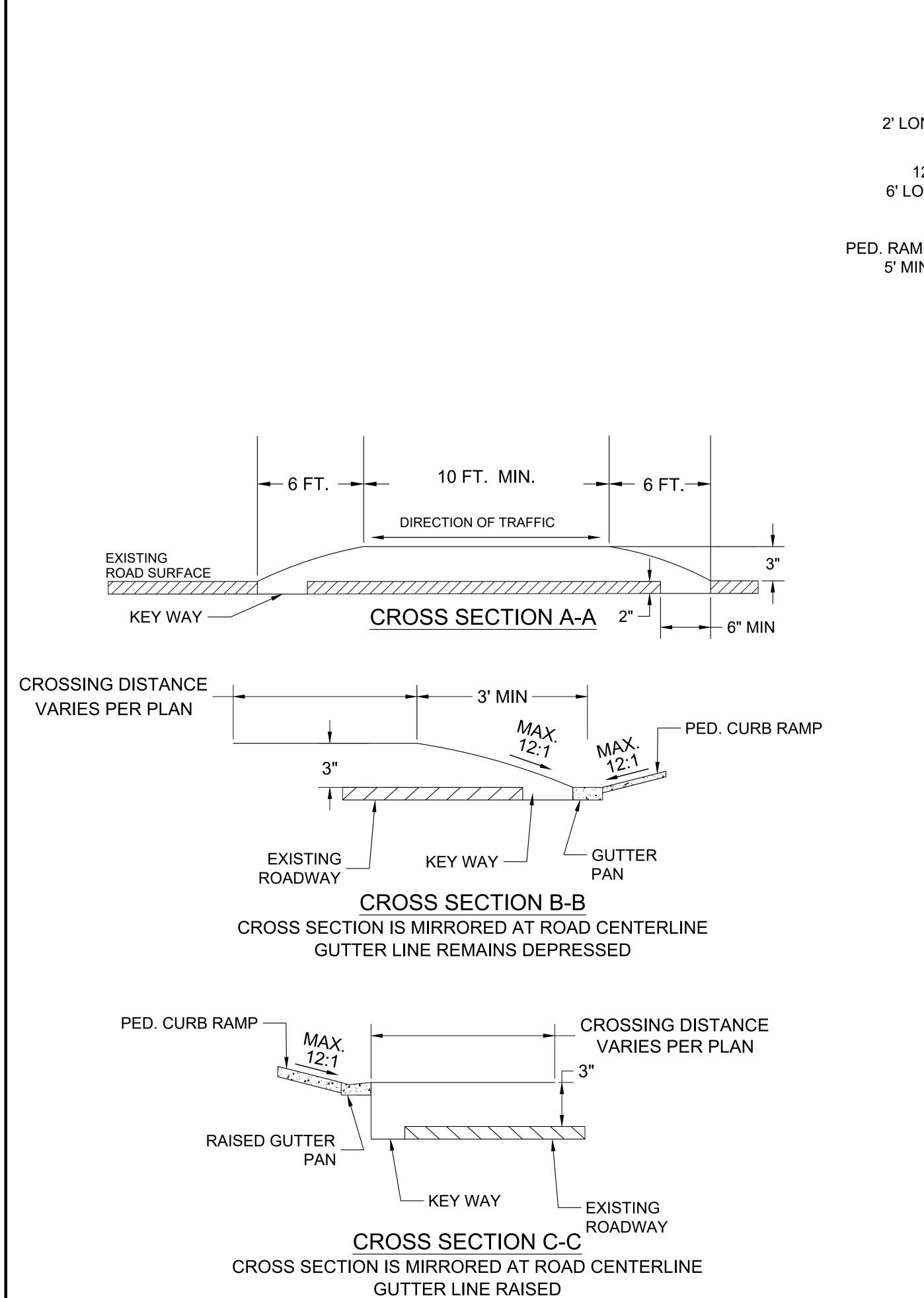


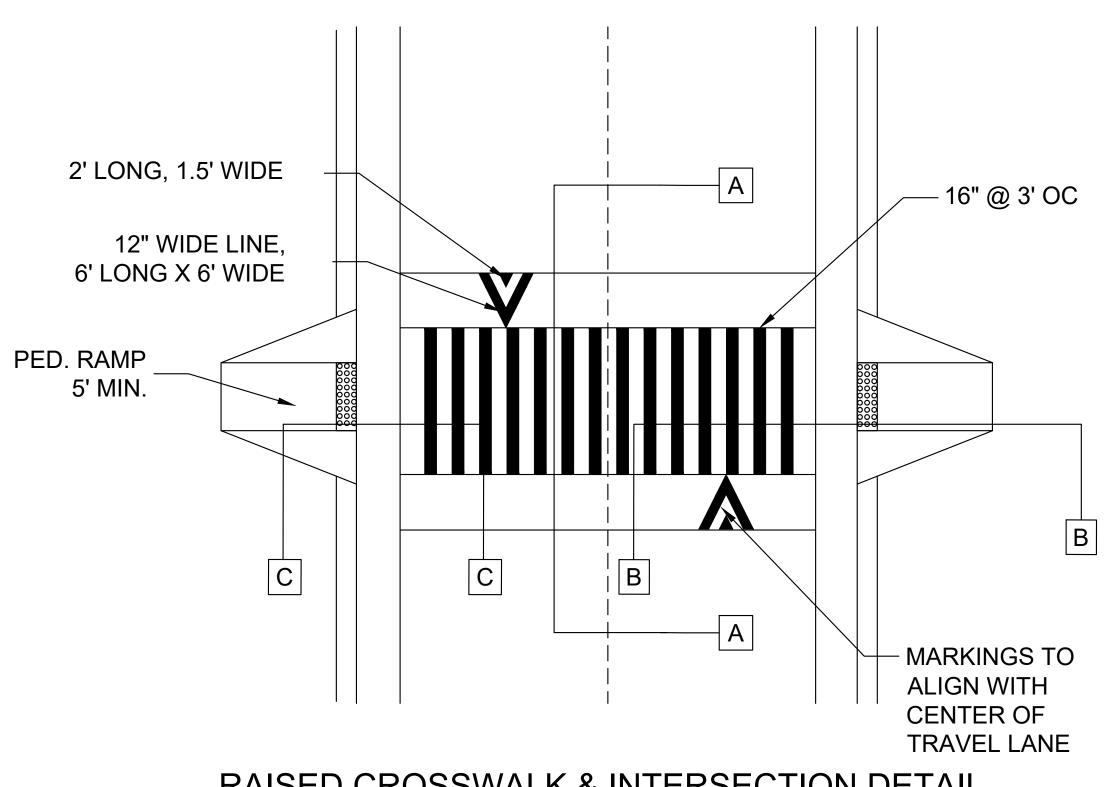
PS-13
ROADWAY PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20' DATE: JULY 2025

CIP No.: 502002 SHEET 15 of 90

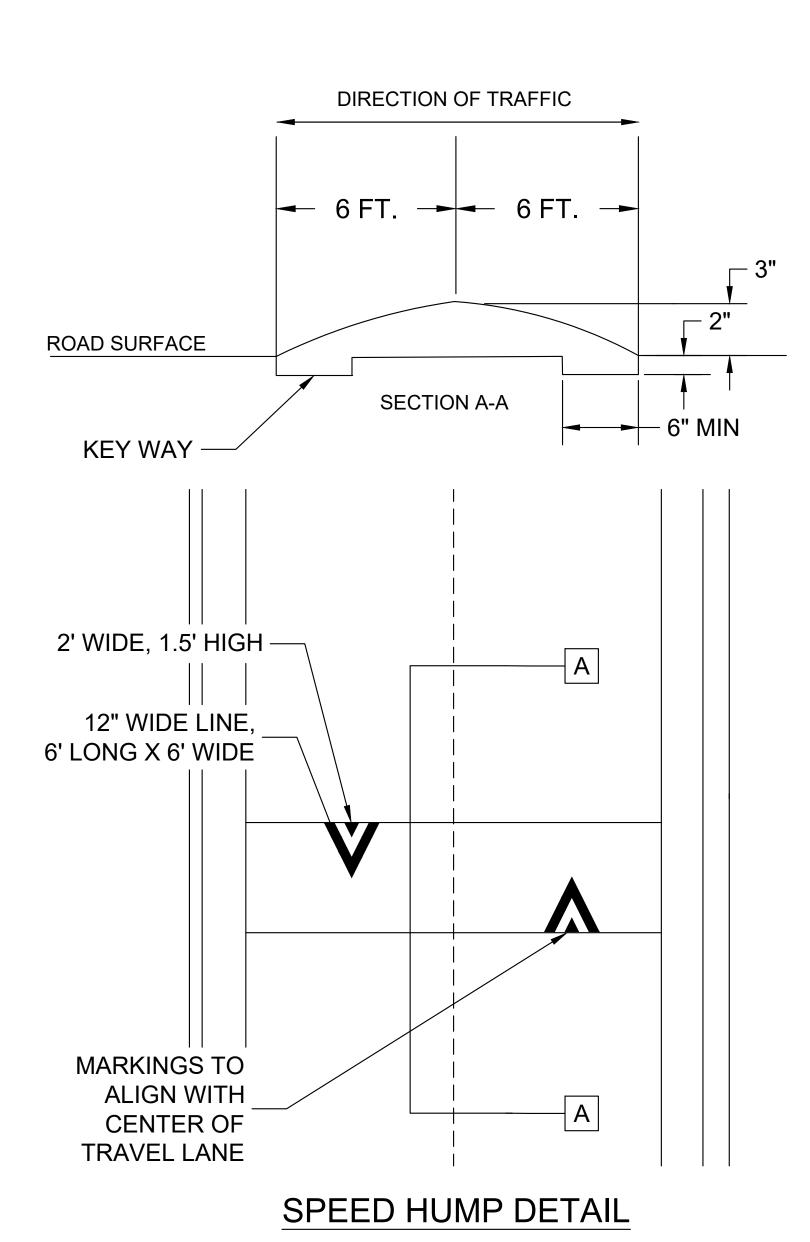
PROPOSED PAVEMENT REMOVAL





RAISED CROSSWALK & INTERSECTION DETAIL

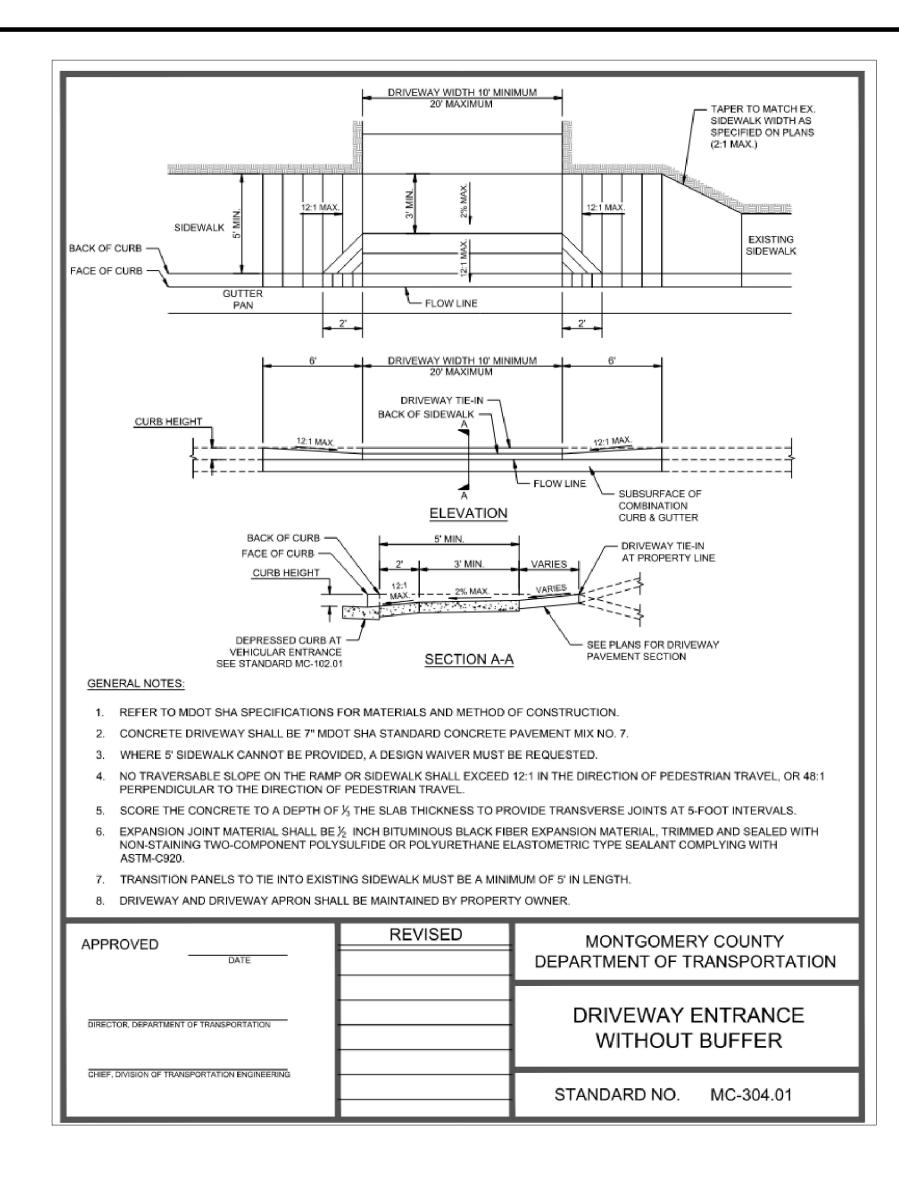
DETAIL B: USE SECTION B-B DETAIL C: USE SECTION C-C

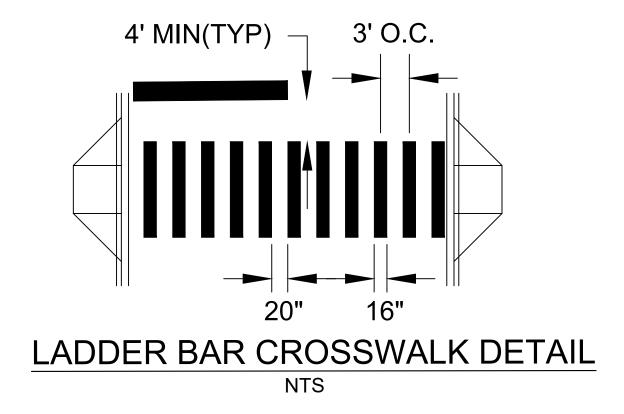


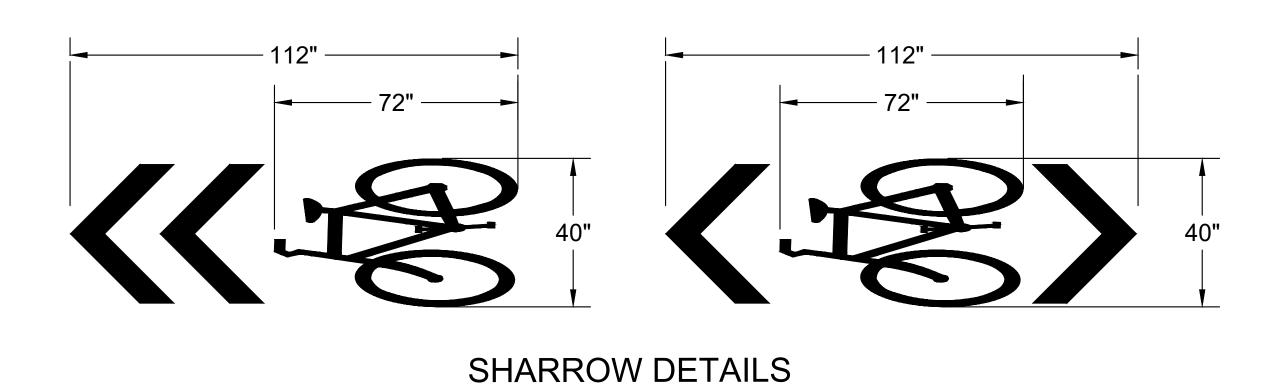
			MONTGOMERY COUN DEPARTMENT OF TRANSP GAITHERSBURG, MARY	ORTATION	
			REFER TO TITLE SHEET FOR S	IGNATURES]
			Chief, Design Section APPROVED REFER TO TITLE SHEET FOR S	Date IGNATURES	NE
			Chief, Division of Transportation Engineering	Date	SCALE:
NO.	REVISION	DATE BY	Designed by: <u>ADH</u> Drawn by: <u>TMB</u>	Checked by:JJR	CIP No

DT-01 ROADWAY DETAILS
MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

DATE: MARCH 2025 E: AS SHOWN No. : <u>502002</u> SHEET ____16____ of ___90







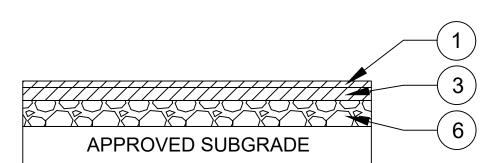
NTS



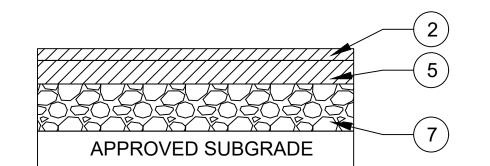
- 2-3" HMA SUPERPAVE 12.5MM FOR SURFACE, PG 64-22, LEVEL-2
- (3)- 2.5" HMA SUPERPAVE 19.0MM FOR BASE, PG 64-22, LEVEL-2
- (4)- 3" HMA SUPERPAVE 19.0MM FOR BASE, PG 64-22, LEVEL-2
- ⑤- 5" HMA SUPERPAVE 19.0MM FOR BASE, PG 64-22, LEVEL-2
- 6-5" GRADED AGGREGATE BASE COURSE
- 7- 12" GRADED AGGREGATE BASE COURSE (2 6" LIFTS)
- (8)- 5" CONCRETE SIDEWALK
- 9-7" PORTLAND CEMENT CONCRETE
- (10) MILL EXISTING HMA PAVEMENT, 2 INCHES. 2" HMA SUPERPAVE 12.5MM FOR SURFACE. PG 64-22, LEVEL-2



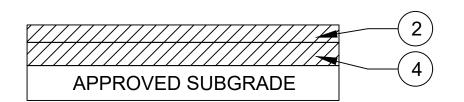
MILL/OVERLAY DETAIL



HMA TRAIL PAVEMENT DETAIL



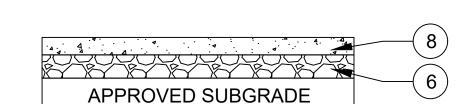
HMA FULL DEPTH PAVEMENT DETAIL



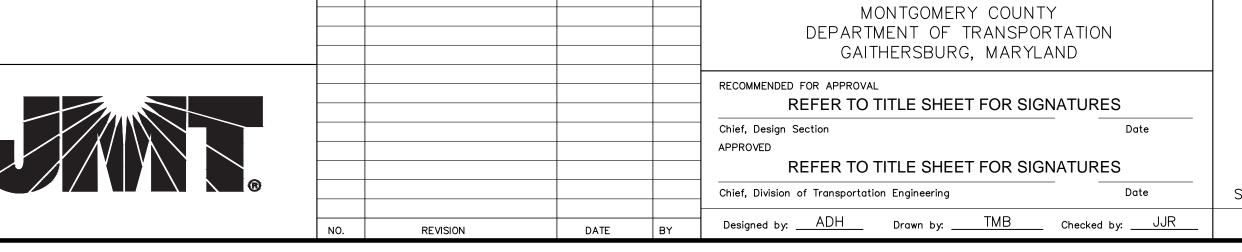
HMA DRIVEWAY PAVEMENT DETAIL NTS

APPROVED SUBGRADE

CONCRETE DRIVEWAY DETAIL NTS



CONCRETE SIDEWALK DETAIL



DT-02 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

DATE: MARCH 2025 SCALE: AS SHOWN SHEET <u>17</u> of <u>90</u> CIP No. : 502002

FARRAGUT AVE STATION 3+50 LT / RT

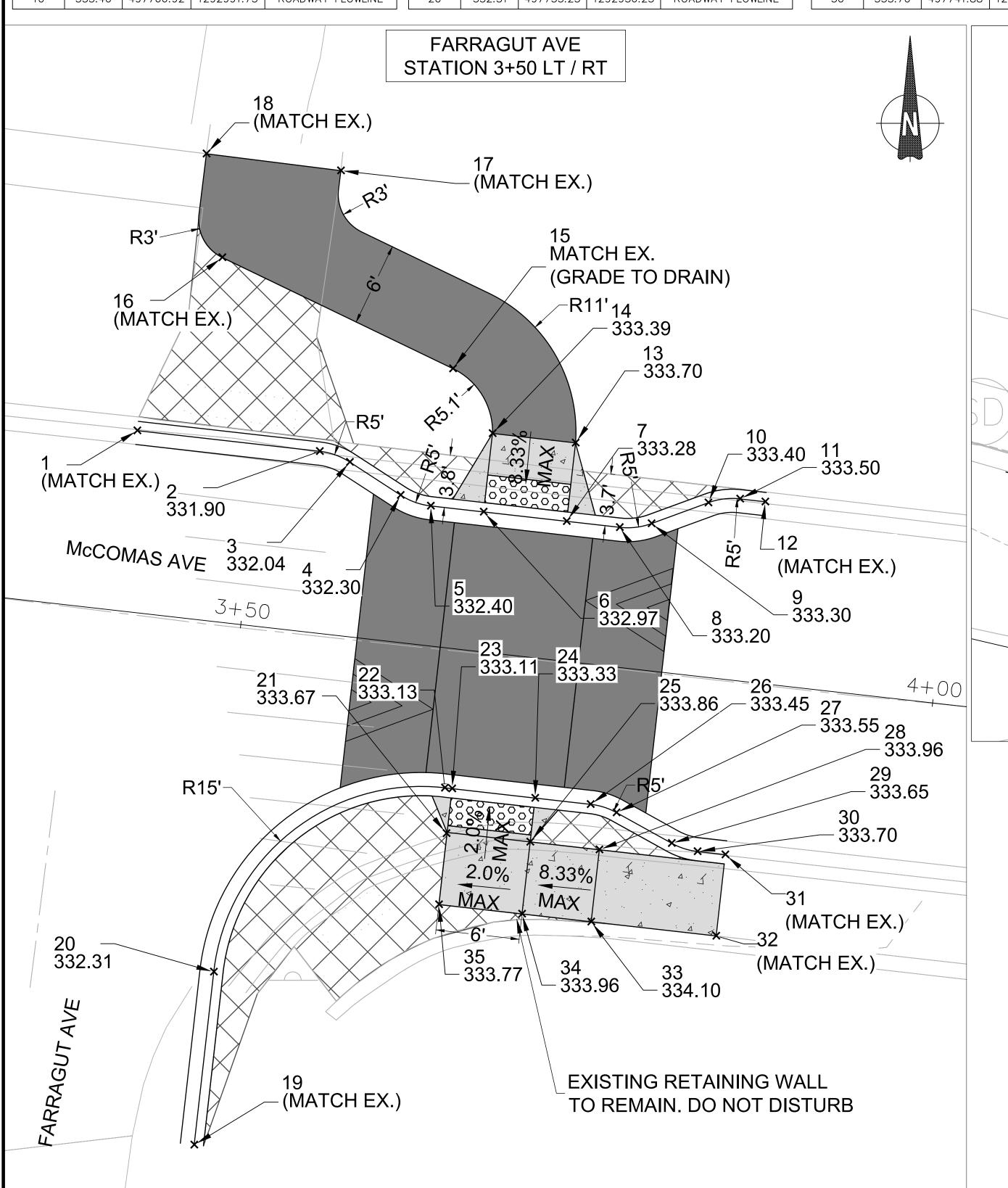
	McCOMAS AVE POINT TABLE					Мс	COMAS A	VE POINT	ΓABLE
Point #	Elevation	Northing	Easting	Description	Point #	Elevation	Northing	Easting	Description
1	MATCH EX. ELEV	497772.10	1292950.74	TIE TO EXISTING CURB	11	333.50	497767.20	1292994.03	ROADWAY FLOWLINE
2	331.90	497770.62	1292963.84	ROADWAY FLOWLINE	12	MATCH EX. ELEV	497766.99	1292995.84	TIE TO EXISTING CURB
3	332.04	497769.84	1292966.01	ROADWAY FLOWLINE	13	333.70	497771.22	1292982.22	BACK OF LANDING
4	332.30	497767.47	1292969.65	ROADWAY FLOWLINE	14	333.39	497771.90	1292976.25	BACK OF LANDING
5	332.40	497766.69	1292971.82	ROADWAY FLOWLINE	15	MATCH EX. ELEV	497776.55	1292973.41	GRADE TO DRAIN
6	332.97	497766.26	1292975.61	FRONT LANDING	16	MATCH EX. ELEV	497784.53	1292956.84	GRADE TO DRAIN
7	333.28	497765.59	1292981.57	FRONT LANDING	17	MATCH EX. ELEV	497790.77	1292965.36	MATCH EXISTING
8	333.20	497765.16	1292985.39	ROADWAY FLOWLINE	18	MATCH EX. ELEV	497791.98	1292955.70	MATCH EXISTING
9	333.30	497765.43	1292987.67	ROADWAY FLOWLINE	19	MATCH EX. ELEV	497720.81	1292954.83	TIE TO EXISTING CURB
10	333.40	497766.92	1292991.75	ROADWAY FLOWLINE	20	332.31	497733.23	1292956.23	ROADWAY FLOWLINE

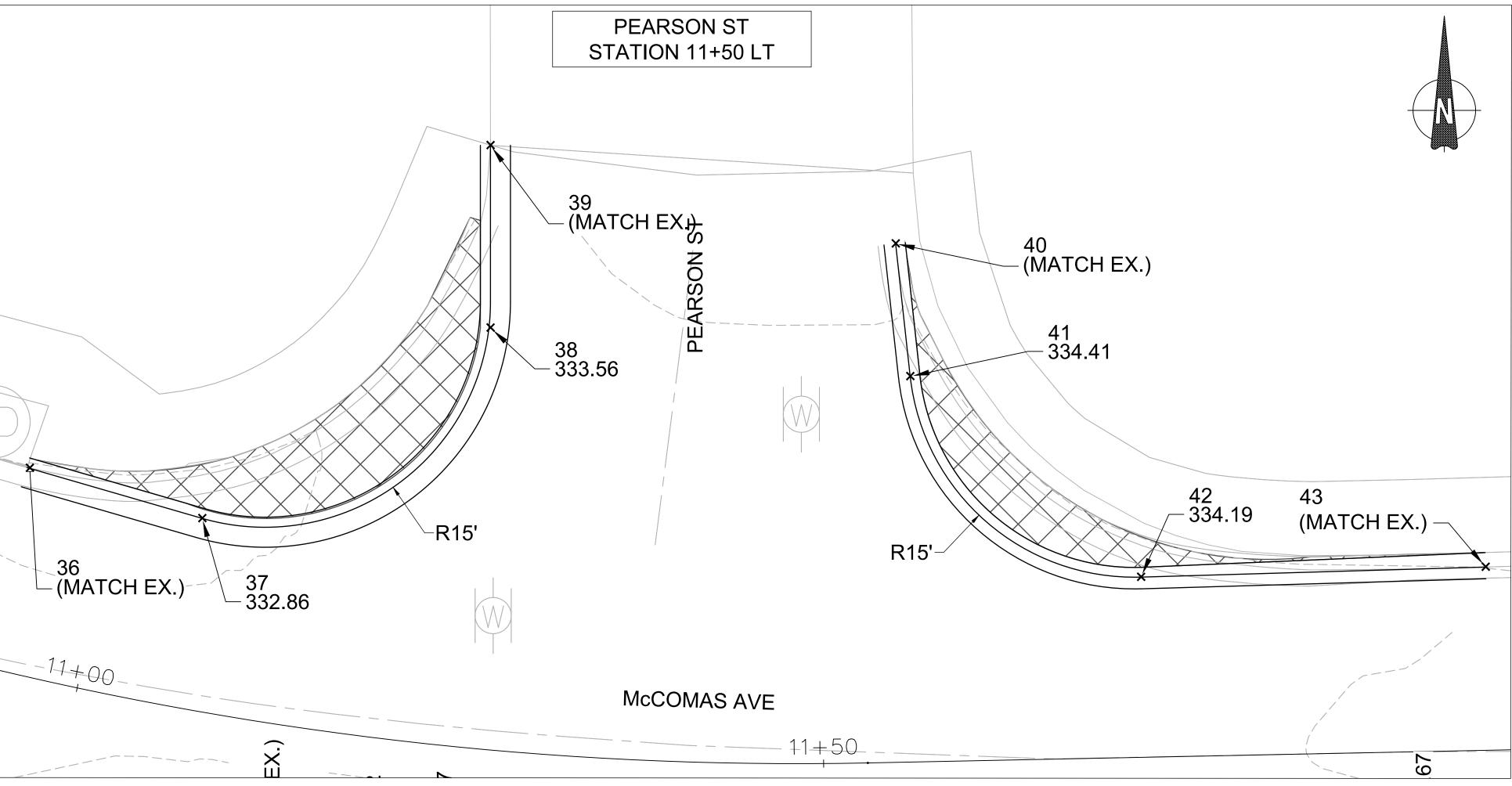
McCOMAS AVE POINT TABLE										
Point #	Elevation	Northing	Easting	Description						
21 333.67 497743.18		1292972.94	TOP OF LANDING							
22	333.13	497746.45	1292972.83	ROADWAY FLOWLINE						
		497746.39	1292973.35	FOOT LANDING						
		497745.72	1292979.31	FOOT LANDING						
25	333.86	497742.57	1292978.96	TOP OF LANDING						
26	333.45	497745.27	1292983.29	ROADWAY FLOWLINE						
27	333.55	497744.67	1292985.15	ROADWAY FLOWLINE						
28	333.96	497742.01	1292983.92	BACK OF LANDING						
29	333.65	497742.47	1292989.12	ROADWAY FLOWLINE						
30	333.70	497741.88	1292990.97	ROADWAY FLOWLINE						

McCOMAS AVE POINT TABLE							
Point #	Elevation	Northing	Easting	Description			
31	MATCH EX. ELEV	497741.65	1292992.97	TIE TO EXISTING CURB			
32	MATCH EX. ELEV	497735.81	1292992.31	TIE TO EXISTING SIDEWALK			
33	334.10	497736.83	1292983.34	BACK OF LANDING			
34	333.96	497737.39	1292978.37	TOP OF RAMP			
35	333.77	497738.07	1292972.41	TOP OF RAMP			

PEARSON ST STATION 11+50 LT

	McCOMAS AVE POINT TABLE							
Point #	pint # Elevation Northing Easting		Description					
36	MATCH EX. ELEV 497534.22 1293636.05 TIE TO EXISTING		TIE TO EXISTING CURB					
37	332.86	497530.88	1293647.52	ROADWAY FLOWLINE				
38	333.56	497543.56	1293666.69	ROADWAY FLOWLINE				
39	MATCH EX. ELEV	497555.69	1293666.69	TIE TO EXISTING CURB				
40	MATCH EX. ELEV	497549.15	1293693.64	TIE TO EXISTING CURB				
41	334.41	497540.32	1293694.61	ROADWAY FLOWLINE				
42	334.19	497526.97	1293709.96	ROADWAY FLOWLINE				
43	MATCH EX. ELEV	497527.64	1293732.88	TIE TO EXISTING CURB				





NOTES: 1.REFER TO SHEET DT-01 FOR RAISED CROSSWALK AND RAISED INTERSECTION DETAILS.

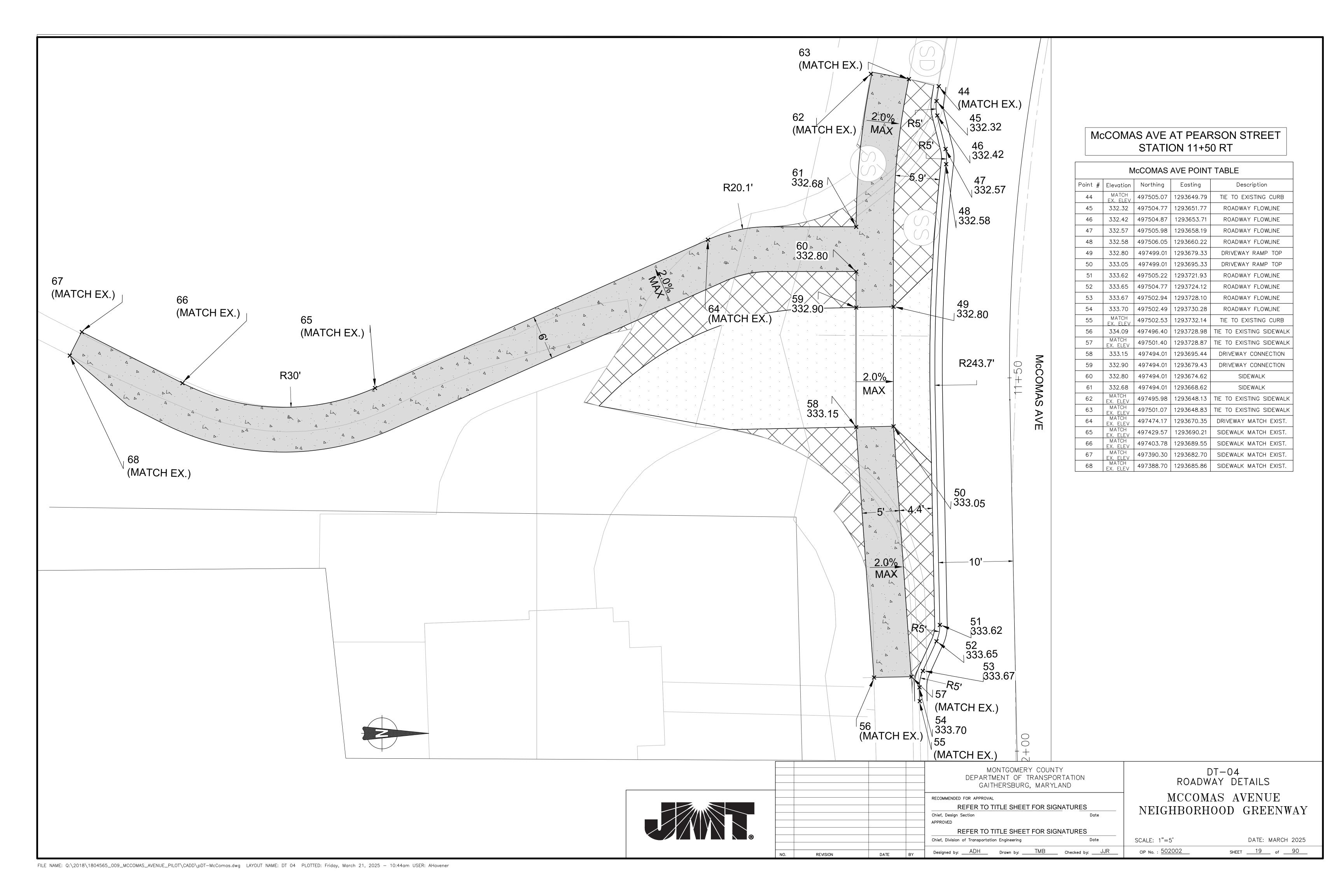


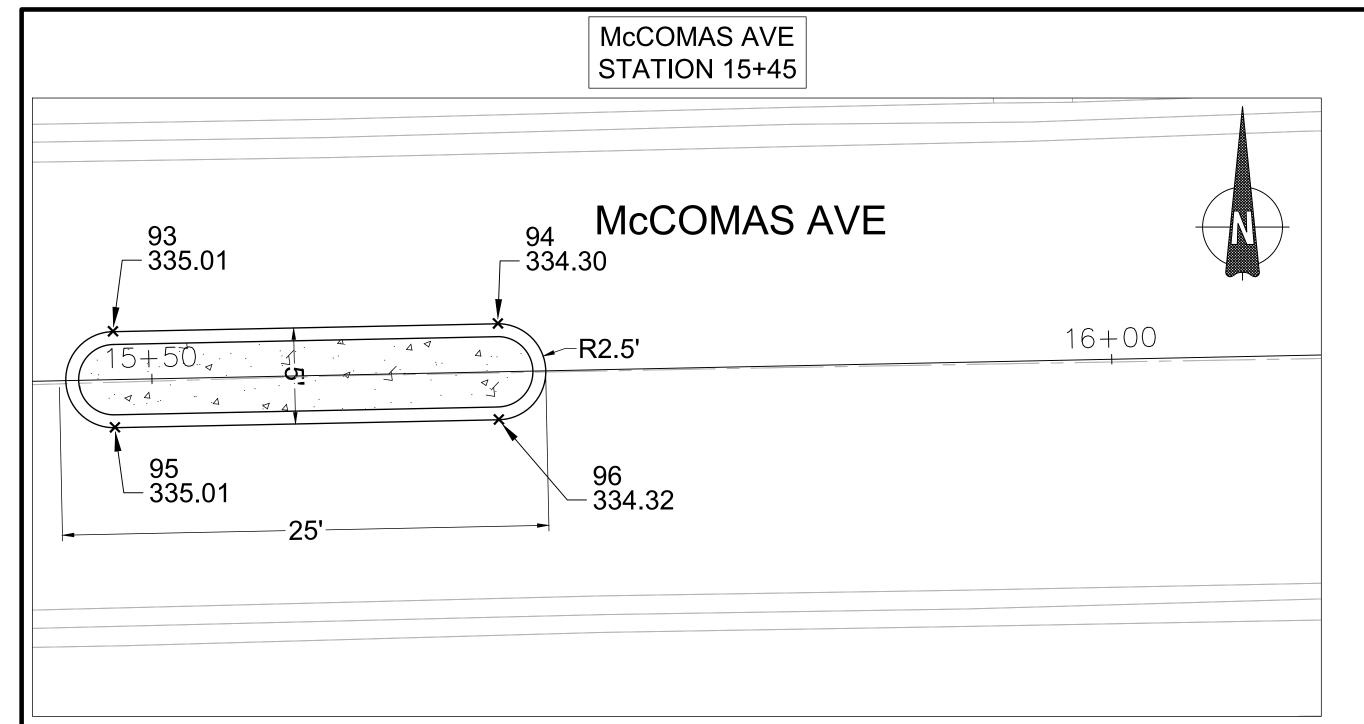
				MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND
				REFER TO TITLE SHEET FOR SIGNATURES
				Chief, Design Section Date APPROVED
				REFER TO TITLE SHEET FOR SIGNATURES
				Chief, Division of Transportation Engineering Date
10.	REVISION	DATE	BY	Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u>

DT-03 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

 SCALE: 1"=5'
 DATE: MARCH 2025

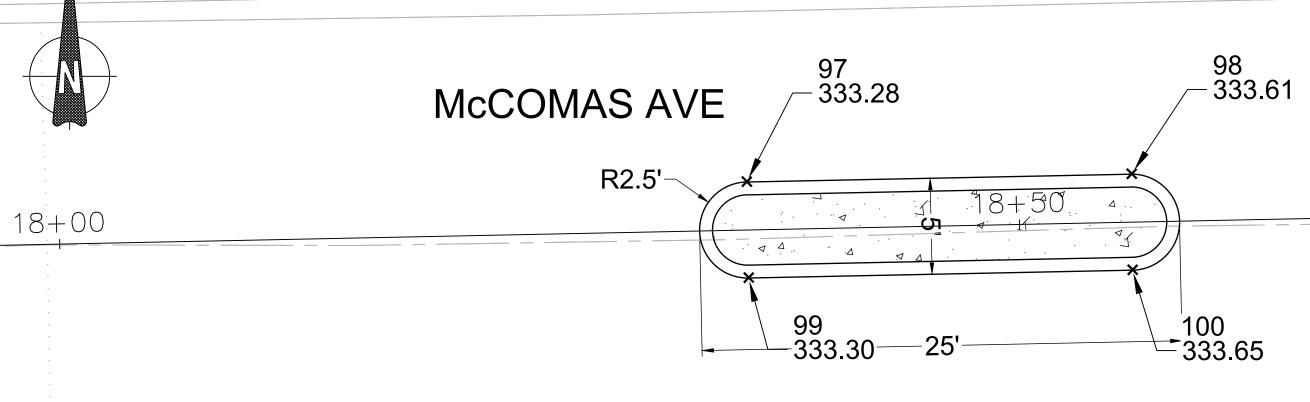
 CIP No. : 502002
 SHEET 18 of 90





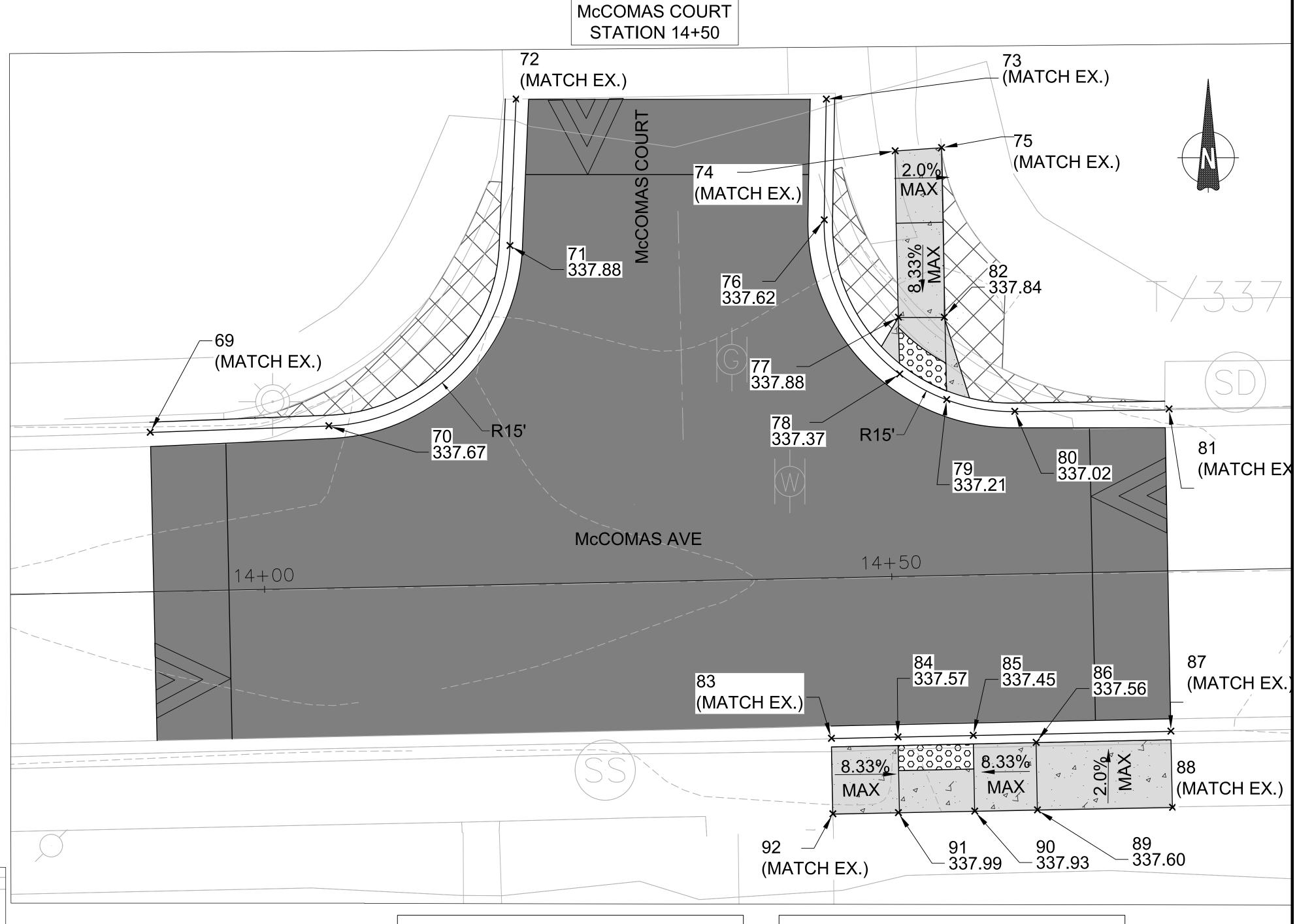
	McCOMAS AVE POINT TABLE								
Point # Elevation Northing Easting Description									
93	335.01	497525.18	1294086.73	CURB ISLAND TIE TO EXISTING					
94	334.30	497525.59	1294106.78	CURB ISLAND TIE TO EXISTING					
95	335.01	497520.18	1294086.84	CURB ISLAND TIE TO EXISTING					
96	334.32	497520.59	1294106.83	CURB ISLAND TIE TO EXISTING					

McCOMAS AVE STATION 18+32



	McCOMAS AVE POINT TABLE								
Point #	Point # Elevation Northing Easting Description								
97	333.28	497531.07	1294374.50	CURB ISLAND TIE TO EXISTING					
98	333.61	497531.48	1294394.55	CURB ISLAND TIE TO EXISTING					
99	333.30	497526.07	1294374.60	CURB ISLAND TIE TO EXISTING					
100	333.65	497526.48	1294394.60	CURB ISLAND TIE TO EXISTING					

NOTES: 1.REFER TO SHEET DT-01 FOR RAISED CROSSWALK AND RAISED INTERSECTION DETAILS.



McCOMAS AVE POINT TABLE								
Point #	Elevation	Northing	Easting	Description				
69	MATCH EX. ELEV	497532.16	1293929.68	TIE TO EXISTING CURB				
70	337.67	497532.68	1293943.91	ROADWAY FLOWLINE				
71	337.88	497547.04	1293958.36	ROADWAY FLOWLINE				
72	MATCH EX. ELEV	497558.72	1293958.85	TIE TO EXISTING CURB				
73	MATCH EX. ELEV	497558.72	1293983.57	TIE TO EXISTING CURB				
74	MATCH EX. ELEV	497554.59	1293989.06	TIE TO EXISTING				
75	MATCH EX. ELEV	497554.85	1293992.76	TIE TO EXISTING				
76	337.62	497549.09	1293983.40	ROADWAY FLOWLINE				
77	337.88	497541.33	1293989.32	SIDEWALK RAMP				
78	337.37	497536.81	1293989.42	FOOT LANDING				
79	337.21	497534.77	1293993.17	FOOT LANDING				
80	337.02	497533.83	1293998.59	ROADWAY FLOWLINE				

	McCOMAS AVE POINT TABLE							
Point # Elevation Northing Easting Descript								
69	MATCH EX. ELEV	497532.16	1293929.68	TIE TO EXISTING CURB				
70	337.67	497532.68	1293943.91	ROADWAY FLOWLINE				
71	337.88	497547.04	1293958.36	ROADWAY FLOWLINE				
72	MATCH EX. ELEV	497558.72	1293958.85	TIE TO EXISTING CURB				
73	MATCH EX. ELEV	497558.72	1293983.57	TIE TO EXISTING CURB				
74	MATCH EX. ELEV	497554.59	1293989.06	TIE TO EXISTING				
75	MATCH EX. ELEV	497554.85	1293992.76	TIE TO EXISTING				
76	337.62	497549.09	1293983.40	ROADWAY FLOWLINE				
77	337.88	497541.33	1293989.32	SIDEWALK RAMP				
78	337.37	497536.81	1293989.42	FOOT LANDING				
79	337.21	497534.77	1293993.17	FOOT LANDING				
80	337.02	497533.83	1293998.59	ROADWAY FLOWLINE				



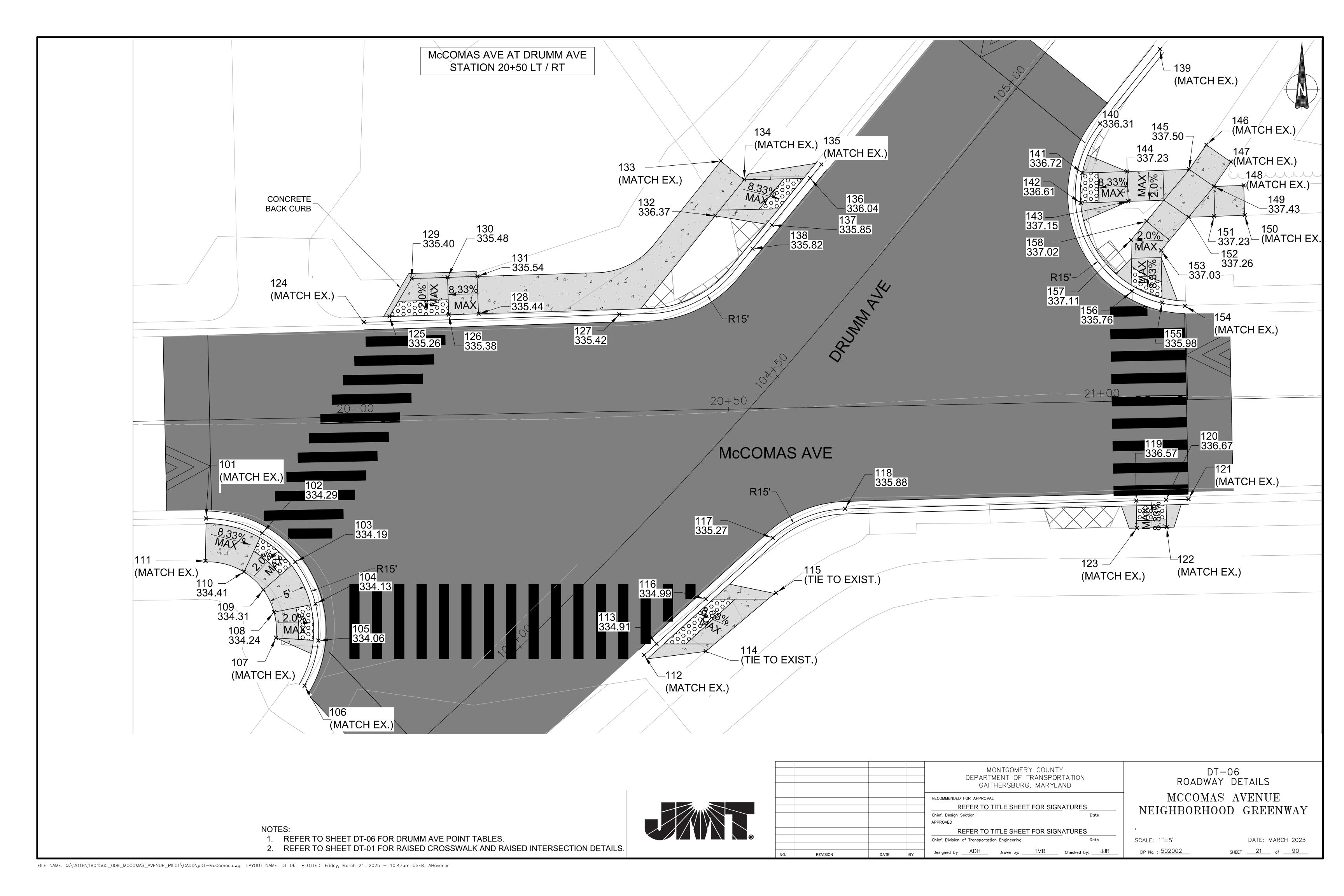
MONTGOMERY COU DEPARTMENT OF TRANSF GAITHERSBURG, MAR	PORTATION
REFER TO TITLE SHEET FOR S	SIGNATURES
Chief, Design Section APPROVED	Date
REFER TO TITLE SHEET FOR S	IGNATURES
Chief Division of Transportation Engineering	Date

Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u>

DT-05 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

 SCALE: 1"=5"
 DATE: MARCH 2025

 CIP No. : 502002
 SHEET
 20
 of
 90



McCOMAS AVE AT DRUMM AVE STATION 20+50 LT / RT

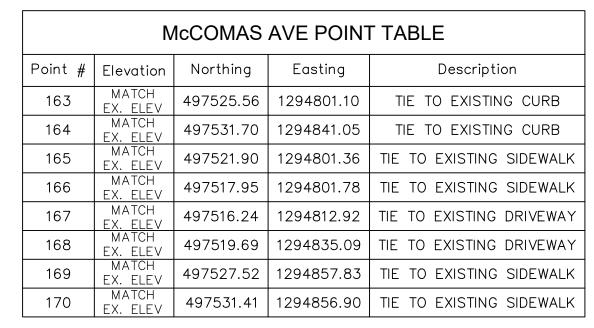
	McCOMAS AVE POINT TABLE						
Point #	Point # Elevation Northing Easting Description						
100	333.65	497526.48	1294394.60	CURB ISLAND TIE TO EXISTING			
101	MATCH EX. ELEV	497518.29	1294518.67	TIE TO EXISTING CURB			
102	334.29	497516.32	1294526.19	FOOT LANDING			
103	334.19	497512.47	1294530.63	FOOT LANDING			
104	334.13	497506.88	1294533.33	FOOT LANDING			
105	334.06	497501.94	1294533.70	FOOT LANDING			
106	MATCH EX. ELEV	497495.90	1294531.86	TIE TO EXISTING CURB			
107	MATCH EX. ELEV	497502.32	1294528.04	TOP OF RAMP			
108	334.24	497505.76	1294527.76	MATCH EXISTING			
109	334.31	497508.74	1294526.34	MATCH EXISTING			
110	334.41	497511.18	1294523.76	MATCH EXISTING			
111	MATCH EX. ELEV	497512.62	1294518.59	TIE TO EXIST. SIDEWALK			
112	MATCH EX. ELEV	497500.00	1294577.34	TIE TO EXISTING CURB			
113	334.91	497501.51	1294578.99	FOOT LANDING			
115	MATCH EX. ELEV	497508.34	1294595.00	TIE TO EXISTING SIDEWALK			
116	334.99	497507.51	1294585.58	FOOT LANDING			
117	335.27	497515.68	1294594.56	TIE TO EXISTING CURB			
118	335.88	497519.58	1294604.24	TIE TO EXISTING CURB			
119	336.57	497520.68	1294643.25	FRONT LANDING			
120	336.67	497520.79	1294647.25	FRONT LANDING			
121	MATCH EX. ELEV	497520.87	1294650.24	TIE TO EXISTING CURB			
122	MATCH EX. ELEV	497517.12	1294647.32	TIE TO EXISTING SIDEWALK			
123	MATCH EX. ELEV	497517.01	1294643.32	TIE TO EXISTING SIDEWALK			
124	MATCH EX. ELEV	497544.57	1294539.80	TIE TO EXISTING CURB			
125	335.26	497545.35	1294543.23	FRONT LANDING			
126	335.38	497545.59	1294551.17	FRONT OF LANDING			
127	335.42	497545.63	1294574.01	FLOWLINE ELEVATION			
128	335.44	497545.72	1294555.17	TOP OF RAMP			
129	335.40	497550.44	1294546.21	TOP OF LANDING			
130	335.48	497550.60	1294551.02	TOP OF LANDING			
131	335.54	497550.72	1294555.02	TOP OF RAMP			
132	336.37	497558.84	1294586.87	TOP OF RAMP			
133	MATCH EX. ELEV	497566.16	1294587.61	SIDEWALK MATCH EXIST.			
134	MATCH EX. ELEV	497563.68	1294590.75	TIE TO EXISTING SIDEWALK			
135	MATCH EX. ELEV	497565.70	1294601.07	TIE TO EXISTING CURB			
136	336.04	497563.86	1294599.57	FOOT LANDING			

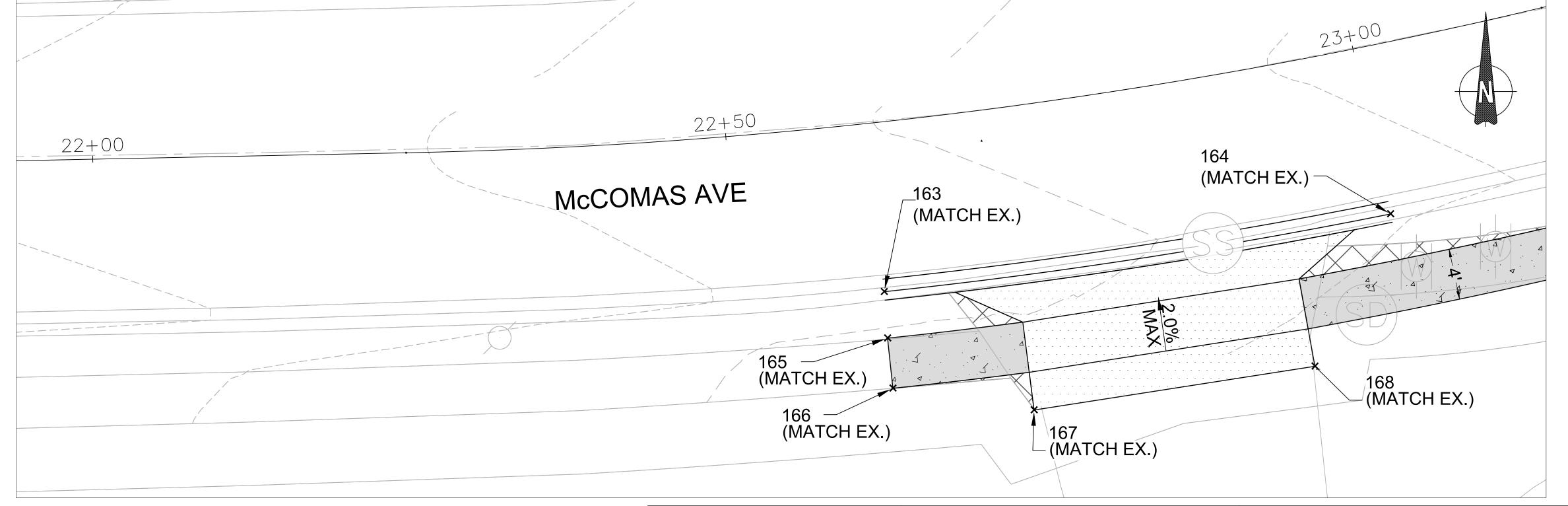
	McCOMAS AVE POINT TABLE						
Point #	t # Elevation Nor		Easting	Description			
137	335.85	497557.60	1294594.45	FOOT LANDING			
138	335.82	497554.42	1294591.85	FLOWLINE ELEVATION			
139	MATCH EX. ELEV	497581.13	1294646.42	TIE TO EXISTING CURB			
140	336.31	497571.17	1294638.40	TIE TO EXIST.			
141	336.72	497564.57	1294636.03	FRONT LANDING			
142	336.61	497560.56	1294635.80	FRONT LANDING			
143	337.15	497560.77	1294642.17	TOP OF RAMP			
144	337.23	497564.77	1294642.04	TOP OF RAMP			
145	337.50	497565.05	1294650.32	SIDEWALK			
146	MATCH EX. ELEV	497568.34	1294652.64	TIE TO EXIST. SIDEWALK			
147	MATCH EX. ELEV	497566.05	1294655.93	TIE TO EXIST. SIDEWALK			
148	MATCH EX. ELEV	497562.90	1294657.65	TIE TO EXIST. SIDEWALK			
149	337.43	497562.77	1294653.65	SIDEWALK			
150	MATCH EX. ELEV	497558.91	1294657.78	TIE TO EXIST. SIDEWALK			
151	337.23	497558.77	1294653.66	SIDEWALK			
152	337.26	497558.65	1294650.26	SIDEWALK			
153	337.03	497554.19	1294646.58	TOP OF RAMP			
154	MATCH EX. ELEV	497546.77	1294649.77	TIE TO EXIST. CURB			
155	335.98	497547.20	1294646.72	FRONT LANDING			
156	335.76	497548.72	1294642.68	FRONT LANDING			
157	337.11	497555.59	1294642.55	TOP OF RAMP			
158	337.02	497558.12	1294644.63	SIDEWALK			
159	337.03	497537.28	1294678.42	TIE TO EXISTING			
160	337.92	497538.10	1294718.64	TIE TO EXISTING			
161	337.05	497532.28	1294678.53	TIE TO EXISTING			

McCOMAS AVE STATION 21+50	
159 337.03	160 337.92
161 -337.05	R2.5' 22+00 162 337.91
45.3'	

	McCOMAS AVE POINT TABLE								
Point #	Elevation	Northing	Easting	Description					
159	337.03	497537.28	1294678.42	TIE TO EXISTING					
160	337.92	497538.10	1294718.64	TIE TO EXISTING					
161	337.05	497532.28	1294678.53	TIE TO EXISTING					
162	337.91	497533.10	1294718.69	TIE TO EXISTING					

McCOMAS AVE STATION 22+75 RT





MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND REFER TO TITLE SHEET FOR SIGNATURES Chief, Design Section REFER TO TITLE SHEET FOR SIGNATURES Chief, Division of Transportation Engineering

Designed by: ADH Drawn by: TMB Checked by: JJR

DT-07 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

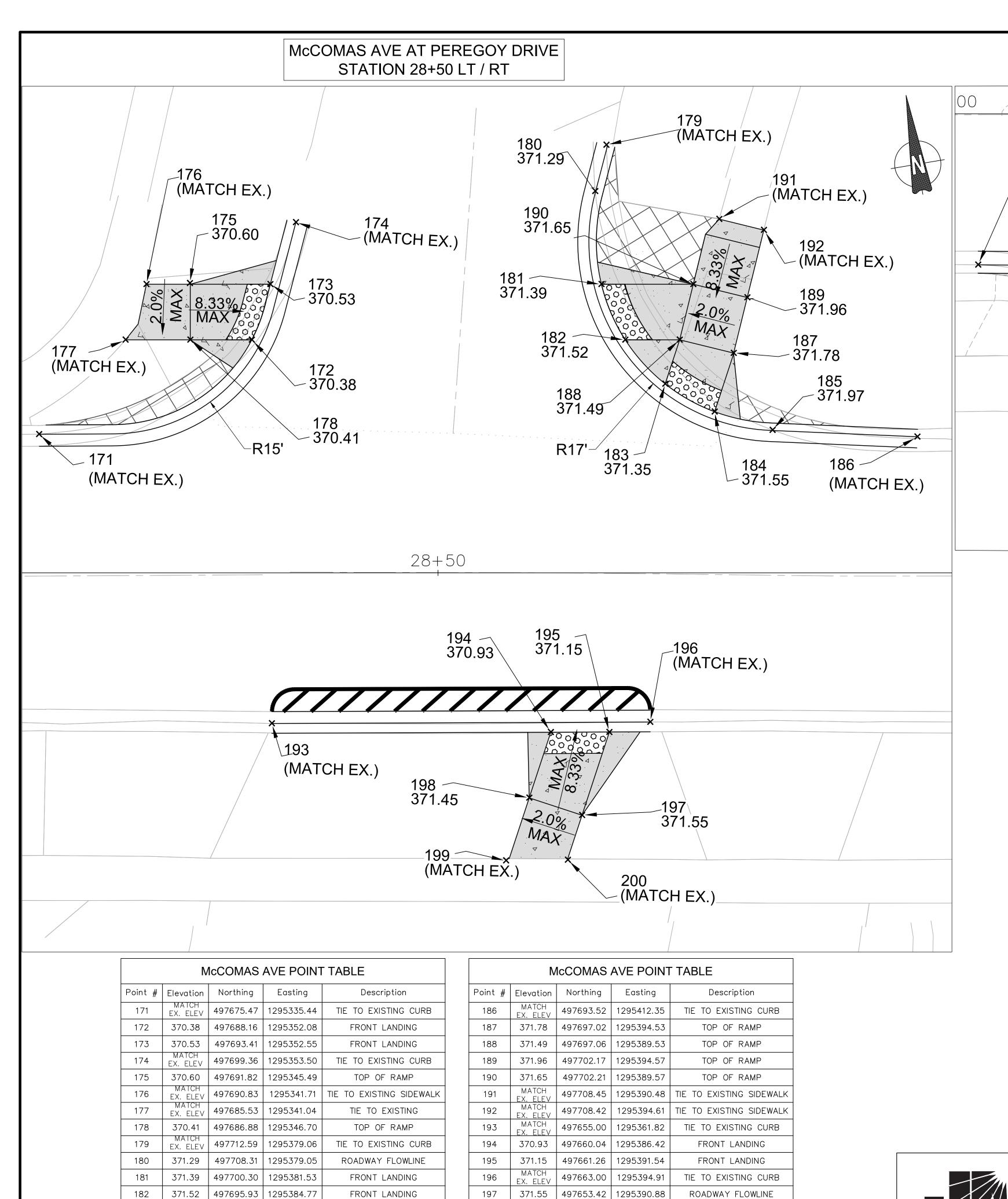
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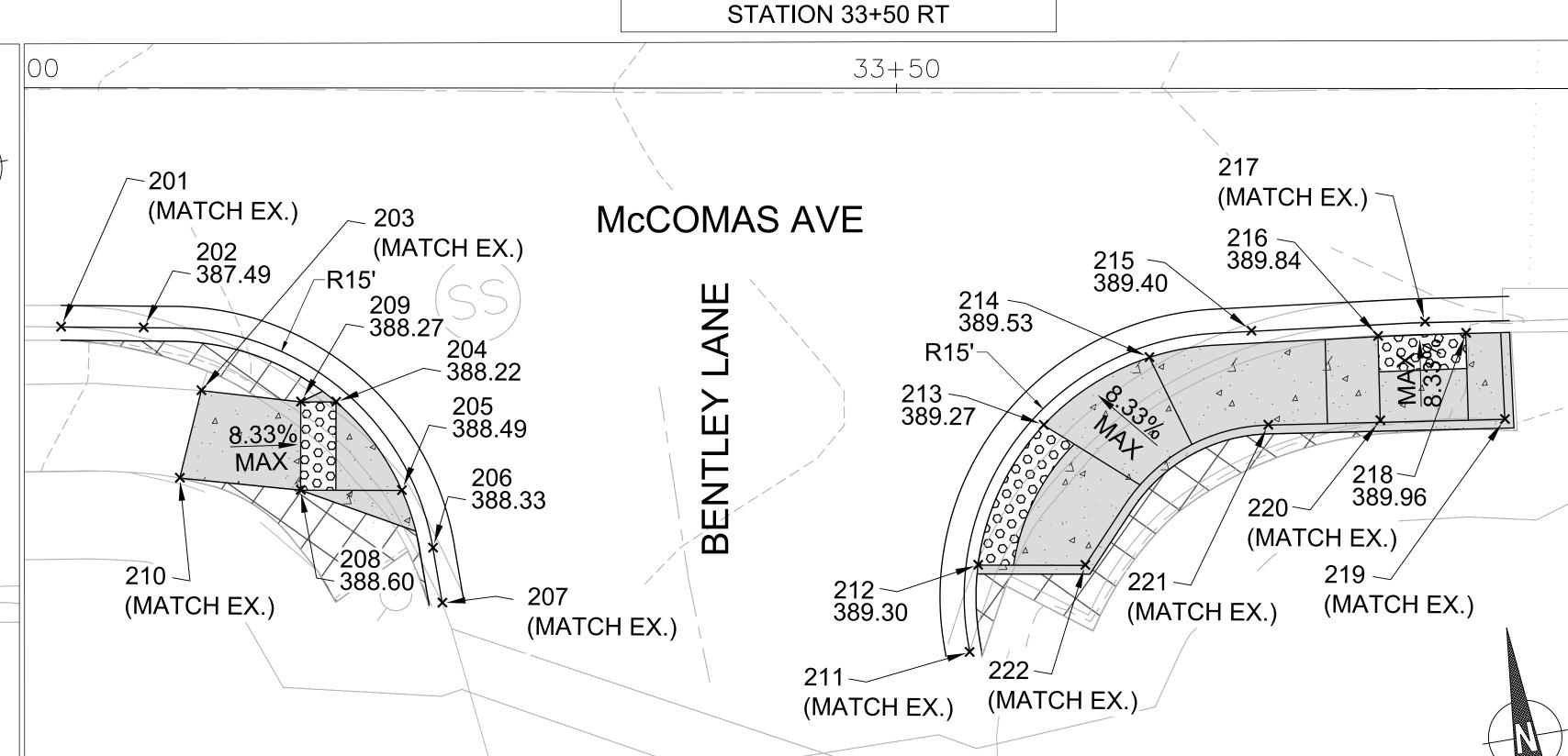
CIP No. : <u>502002</u>

DATE: MARCH 2025 SHEET <u>22</u> of <u>90</u>

NOTES:

- 1. REFER TO SHEET DT-06 FOR DRUMM AVE DETAIL.
- 2. REFER TO SHEETS DT-01 AND DT-02 FOR DRIVEWAY DETAILS.





McCOMAS AVE AT BENTLEY LANE

	McCOMAS AVE POINT TABLE							
Point #	Elevation	Northing	Easting	Description				
201	MATCH EX. ELEV	497691.90	1295815.33	TIE TO EXISTING CURB				
202	387.49	497691.08	1295819.95	ROADWAY FLOWLINE				
203	MATCH EX. ELEV	497687.01	1295822.58	TIE TO EXISTING SIDEWALK				
204	388.22	497685.09	1295830.01	FRONT LANDING				
205	388.49	497679.52	1295832.84	FRONT LANDING				
206	388.33	497676.00	1295834.04	ROADWAY FLOWLINE				
207	MATCH EX. ELEV	497672.83	1295834.04	TIE TO EXISTING CURB				
208	388.60	497680.49	1295827.19	TOP OF RAMP				
209	388.27	497685.43	1295828.04	TOP OF RAMP				
210	MATCH EX. ELEV	497682.32	1295820.54	TIE TO EXISTING SIDEWALK				
211	MATCH EX. ELEV	497665.06	1295863.05	TIE TO EXISTING CURB				

McCOMAS AVE POINT TABLE							
Point #	Elevation	Northing	Easting	Description			
212	389.30	497669.86	1295864.36	FRONT LANDING			
213	389.27	497677.07	1295869.36	FRONT LANDING			
214	389.53	497679.85	1295875.92	BOTTOM OF RAMP			
215	389.40	497680.36	1295881.87	ROADWAY FLOWLINE			
216	389.84	497678.86	1295888.91	FRONT LANDING			
217	MATCH EX. ELEV	497679.22	1295891.67	TIE TO EXISTING CURB			
218	389.96	497678.20	1295893.86	FRONT LANDING			
219	MATCH EX. ELEV	497673.01	1295895.21	TIE TO EXISTING SIDEWALK			
220	MATCH EX. ELEV	497674.12	1295888.23	TIE TO EXISTING SIDEWALK			
221	MATCH EX. ELEV	497674.94	1295881.92	TIE TO EXISTING SIDEWALK			
222	MATCH EX. ELEV	497668.83	1295870.35	TIE TO EXISTING SIDEWALK			



	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND	
	REFER TO TITLE SHEET FOR SIGNATURES	
	Chief, Design Section APPROVED REFER TO TITLE SHEET FOR SIGNATURES	Date
	Chief, Division of Transportation Engineering	Date

Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u>

DT-08
ROADWAY DETAILS
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=5' DATE: MARCH 2025

CIP No. : 502002 SHEET 23 of 90

FRONT LANDING

FRONT LANDING

ROADWAY FLOWLINE

371.45 | 497653.85 | 1295385.90

1295385.17

MATCH EX. ELEV 497649.22 1295390.56 TIE TO EXIST. SIDEWALK

497647.87

200

BOTTOM OF RAMP

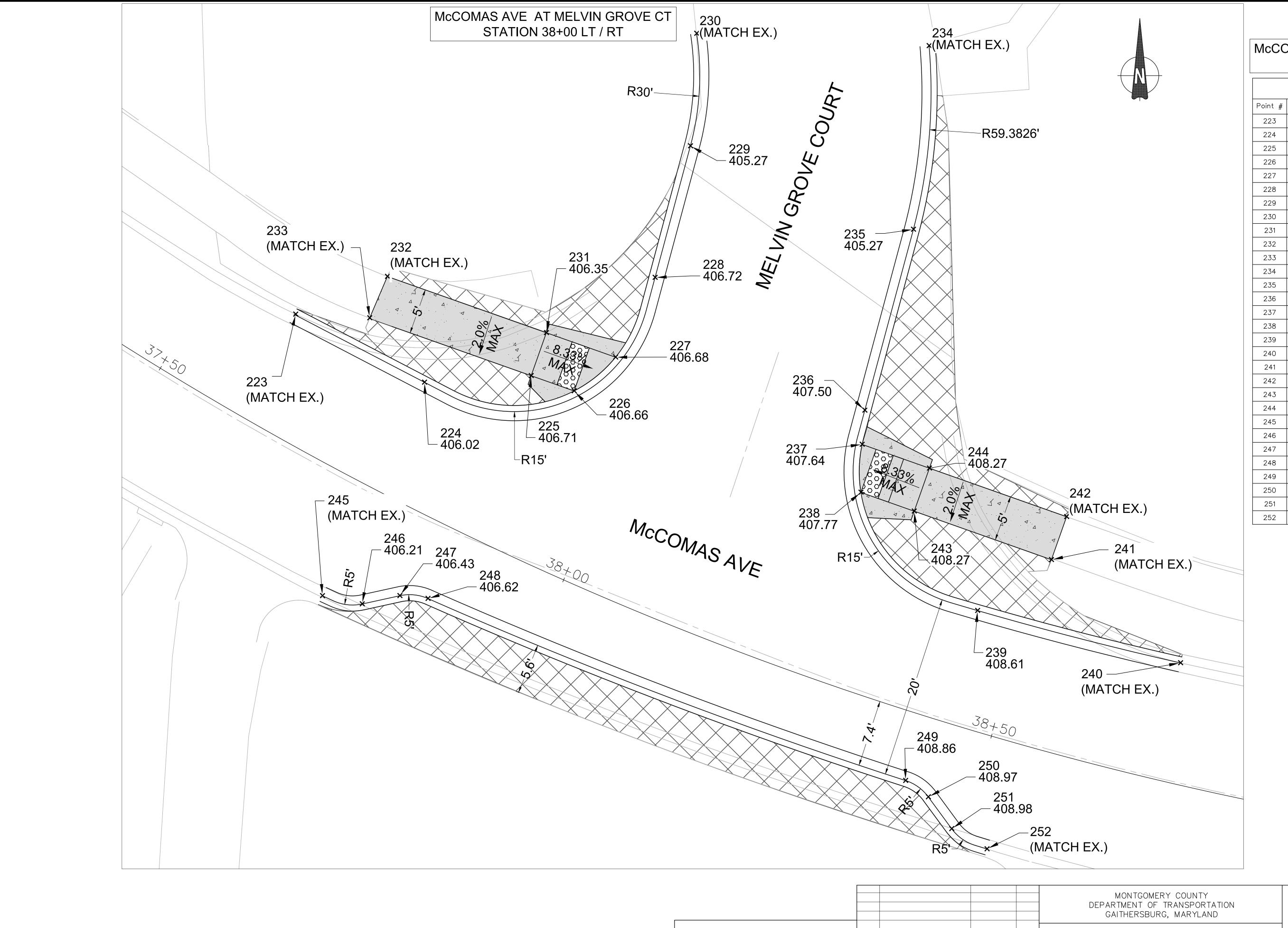
TIE TO EXIST. SIDEWALK

371.35 | 497692.90 | 1295389.19

371.55 | 497691.50 | 1295394.09

371.97 | 497691.09 | 1295399.54 |

183



McCOMAS AVE AT MELVIN GROVE COURT STATION 38+00 LT / RT

McCOMAS AVE POINT TABLE							
Point #	Elevation	Northing	Easting	Description			
223	MATCH EX. ELEV	497552.33	1296241.25	TIE TO EXISTING CURB			
224	406.02	497544.87	1296255.38	ROADWAY FLOWLINE			
225	406.71	497545.59	1296267.08	TOP OF RAMP			
226	406.66	497543.93	1296271.80	FRONT LANDING			
227	406.68	497547.62	1296276.34	FRONT LANDING			
228	406.72	497556.36	1296280.68	ROADWAY FLOWLINE			
229	405.27	497570.79	1296284.56	ROADWAY FLOWLINE			
230	MATCH EX. ELEV	497583.12	1296285.24	TIE TO EXISTING CURB			
231	406.35	497550.31	1296268.75	TOP OF RAMP			
232	MATCH EX. ELEV	497556.47	1296251.31	TIE TO EXISTING SIDEWALK			
233	MATCH EX. ELEV	497551.93	1296249.37	TIE TO EXISTING SIDEWALK			
234	MATCH EX. ELEV	497581.77	1296310.74	TIE TO EXISTING CURB			
235	405.27	497561.64	1296309.02	ROADWAY FLOWLINE			
236	407.50	497541.80	1296303.68	ROADWAY FLOWLINE			
237	407.64	497538.06	1296303.39	FRONT LANDING			
238	407.77	497532.80	1296303.26	FRONT LANDING			
239	408.61	497519.84	1296316.06	ROADWAY FLOWLINE			
240	MATCH EX. ELEV	497514.10	1296338.32	TIE TO EXISTING CURB			
241	MATCH EX. ELEV	497525.41	1296324.15	TIE TO EXISTING SIDEWALK			
242	MATCH EX. ELEV	497530.13	1296325.82	TIE TO EXISTING SIDEWALK			
243	408.27	497530.74	1296309.11	TOP OF RAMP			
244	408.27	497535.45	1296310.77	TOP OF RAMP			
245	MATCH EX. ELEV	497521.46	1296244.18	TIE TO EXISTING CURB			
246	406.21	497520.56	1296248.55	ROADWAY FLOWLINE			
247	406.43	497521.47	1296252.67	ROADWAY FLOWLINE			
248	406.62	497521.16	1296255.76	ROADWAY FLOWLINE			
249	408.86	497501.20	1296308.16	ROADWAY FLOWLINE			
250	408.97	497499.40	1296310.65	ROADWAY FLOWLINE			
251	408.98	497495.91	1296313.22	ROADWAY FLOWLINE			
252	MATCH EX. ELEV	497493.69	1296317.09	TIE TO EXISTING CURB			

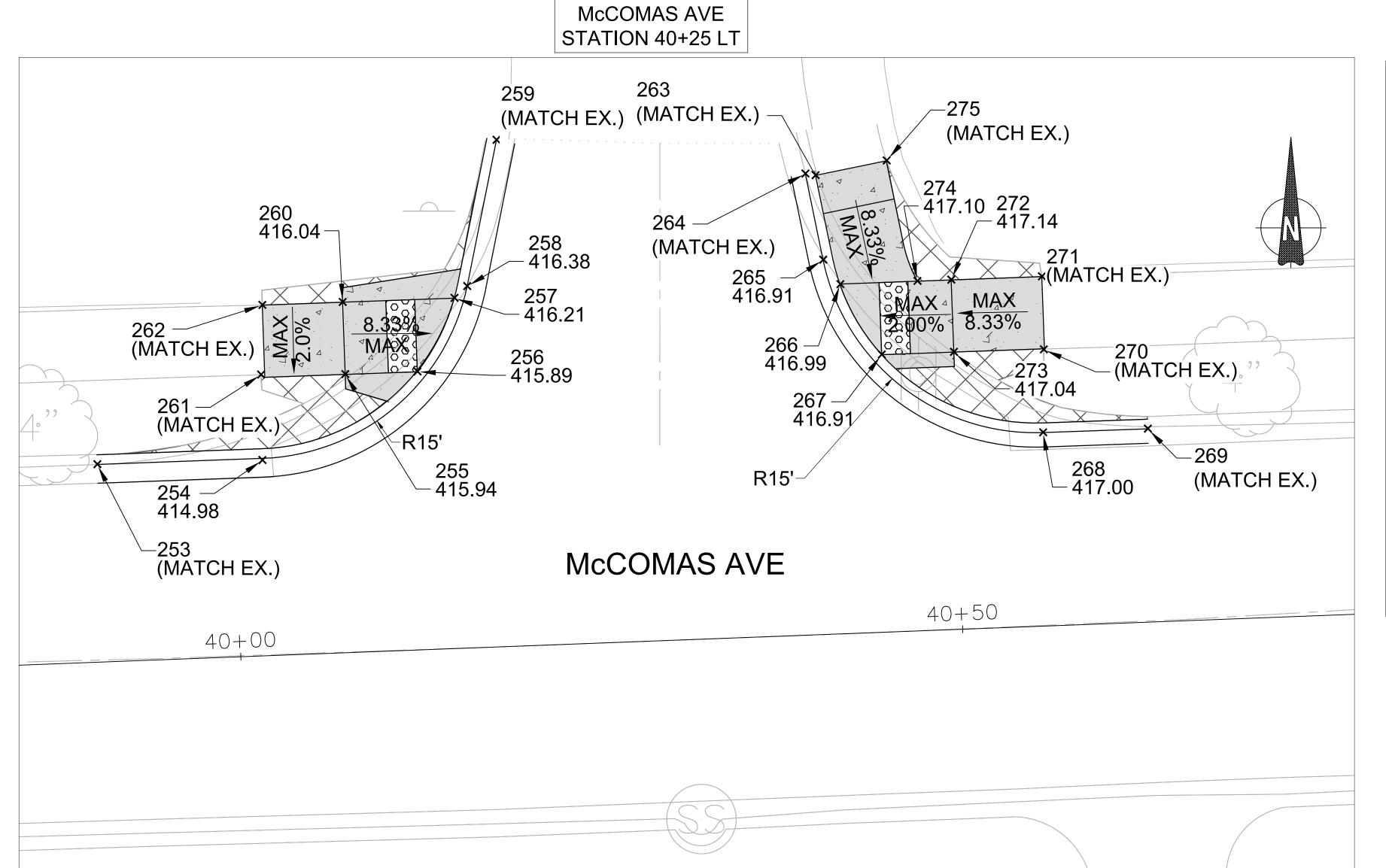


				MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND
				REFER TO TITLE SHEET FOR SIGNATURES
				Chief, Design Section Date APPROVED
				REFER TO TITLE SHEET FOR SIGNATURES
				Chief, Division of Transportation Engineering Date
10.	REVISION	DATE	BY	Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u>

DT-09 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

 SCALE: 1"=5"
 DATE: MARCH 2025

 CIP No. : 502002
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McCOMAS AVE STATION 40+25 LT

McCOMAS AVE POINT TABLE							
Point #	Elevation	Northing	Easting	Description			
253	MATCH EX. ELEV	497505.84	1296456.20	TIE TO EXISTING CURB			
254	414.98	497506.13	1296467.63	ROADWAY FLOWLINE			
255	415.94	497512.08	1296473.36	TOP OF RAMP			
256	415.89	497512.26	1296478.36	BOTTOM OF RAMP			
257	416.21	497517.36	1296480.92	BOTTOM OF RAMP			
258	416.38	497518.17	1296481.80	ROADWAY FLOWLINE			
259	MATCH EX. ELEV	497528.30	1296483.83	TIE TO EXISTING CURB			
260	416.04	497517.07	1296473.18	TOP OF RAMP			
261	MATCH EX. ELEV	497512.05	1296467.54	BACK OF LANDING			
262	MATCH EX. ELEV	497516.87	1296467.62	BACK OF LANDING			
263	MATCH EX. ELEV	497525.86	1296505.92	TIE TO EXISTING SIDEWALK			
264	MATCH EX. ELEV	497525.97	1296505.21	TIE TO EXISTING CURB			
265	416.91	497520.00	1296506.44	ROADWAY FLOWLINE			
266	416.99	497518.31	1296507.63	BOTTOM OF RAMP			
267	416.91	497513.44	1296510.50	BOTTOM OF RAMP			
268	417.00	497508.05	1296521.67	ROADWAY FLOWLINE			
269	MATCH EX. ELEV	497508.31	1296528.92	TIE TO EXISTING CURB			
270	MATCH EX. ELEV	497513.79	1296521.71	TIE TO EXISTING SIDEWALK			
271	MATCH EX. ELEV	497518.85	1296521.58	TIE TO EXISTING SIDEWALK			
272	417.14	497518.62	1296515.31	TOP OF RAMP			
273	417.04	497513.62	1296515.49	TOP OF RAMP			
274	417.10	497518.53	1296512.97	SIDEWALK			
275	MATCH EX. ELEV	497526.87	1296510.84	TIE TO EXISTING SIDEWALK			

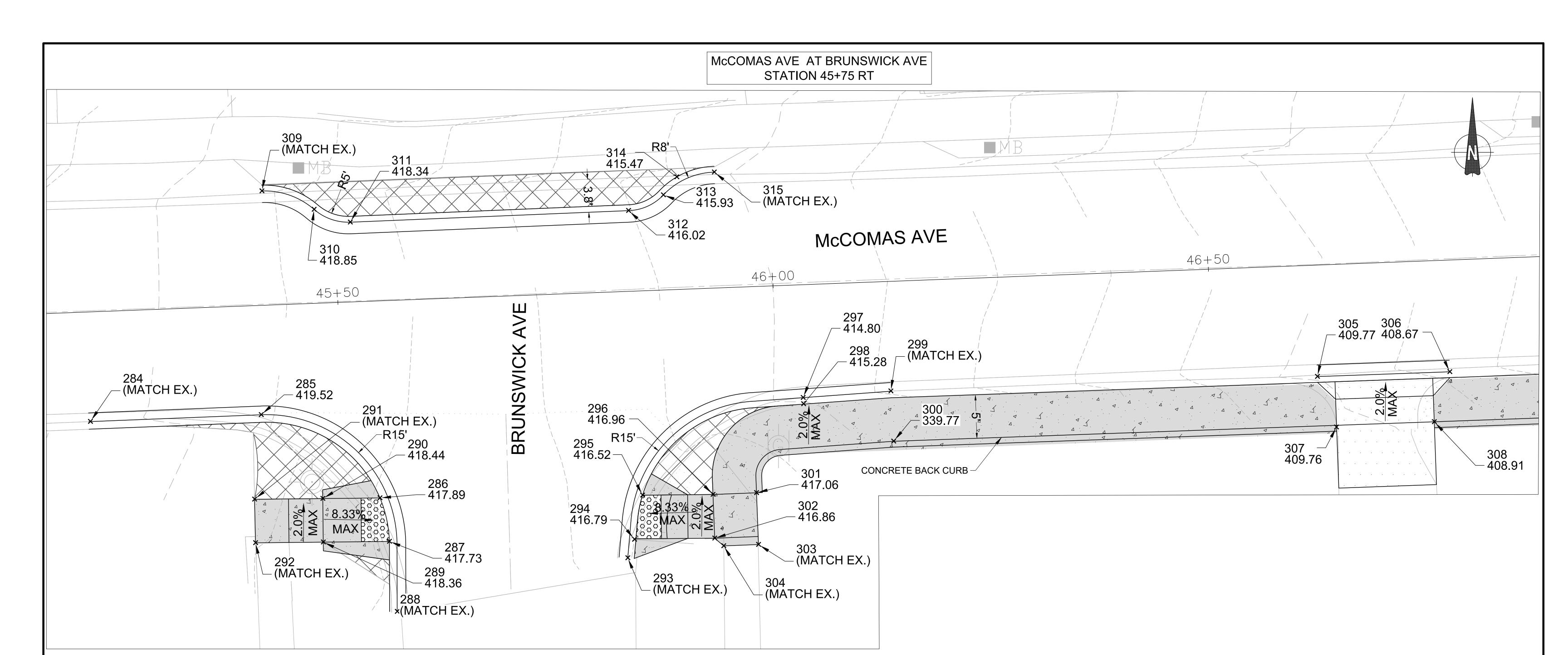


				MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND
				REFER TO TITLE SHEET FOR SIGNATURES
				Chief, Design Section Date APPROVED
				REFER TO TITLE SHEET FOR SIGNATURES
				Chief, Division of Transportation Engineering Date
NO.	REVISION	DATE	BY	Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u>

DT-10 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

 SCALE: 1"=5'
 DATE: MARCH 2025

 CIP No. : 502002
 SHEET
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 of
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McCOMAS AVE POINT TABLE							
Point #	Elevation	Northing	Easting	Description			
284	MATCH EX. ELEV	497499.83	1296987.33	TIE TO EXISTING CURB			
285	419.52	497500.61	1297006.94	CURB CONNECTION			
286	417.89	497491.06	1297020.57	FRONT LANDING			
287	417.73	497486.07	1297021.66	FRONT LANDING			
288	MATCH EX. ELEV	497478.03	1297022.55	TIE TO EXISTING CURB			
289	418.36	497485.99	1297014.06	TOP OF RAMP			
290	418.44	497490.99	1297014.01	TOP OF RAMP			
291	MATCH EX. ELEV	497490.91	1297006.17	TIE TO EXISTING SIDEWALK			
292	MATCH EX. ELEV	497485.91	1297006.29	TIE TO EXISTING SIDEWALK			
293	MATCH EX. ELEV	497484.18	1297049.02	TIE TO EXISTING CURB			
294	416.79	497486.31	1297049.79	FRONT LANDING			

McCOMAS AVE POINT TABLE							
Point #	Elevation	Northing	Easting	Description			
295	416.52	497491.38	1297050.71	FRONT LANDING			
296	416.96	497491.46	1297058.80	TOP OF RAMP			
297	414.80	497502.57	1297069.15	TIE TO EXIST. CURB			
298	415.28	497501.85	1297069.20	SIDEWALK			
299	MATCH EX. ELEV	497503.33	1297079.22	TIE TO EXISTING CURB			
300	339.77	497497.57	1297079.54	SIDEWALK			
301	417.06	497491.66	1297063.80	TIE TO EXISTING SIDEWALK			
302	416.86	497486.44	1297059.00	SIDEWALK			
303	MATCH EX. ELEV	497485.72	1297064.03	TIE TO EXISTING SIDEWALK			
304	MATCH EX. ELEV	497485.56	1297060.03	TIE TO EXISTING SIDEWALK			
305	409.77	497504.99	1297128.18	DRIVEWAY RAMP BOTTOM			

McCOMAS AVE POINT TABLE								
Point #	Elevation	Northing	Easting	Description				
306	408.67	497505.54	1297143.38	DRIVEWAY RAMP BOTTOM				
307	409.76	497499.18	1297130.37	DRIVEWAY RAMP TOP				
308	408.91	497499.80	1297141.60	DRIVEWAY RAMP TOP				
309	MATCH EX. ELEV	497526.28	1297007.02	TIE TO EXISTING CURB				
310	418.85	497524.17	1297013.01	ROADWAY FLOWLINE				
311	418.34	497522.70	1297017.16	ROADWAY FLOWLINE				
312	416.02	497524.03	1297049.10	ROADWAY FLOWLINE				
313	415.93	497525.82	1297053.10	ROADWAY FLOWLINE				
314	415.47	497527.89	1297054.64	BOTTOM OF RAMP				
315	MATCH EX. ELEV	497528.44	1297058.95	TIE TO EXISTING CURB				

Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u>



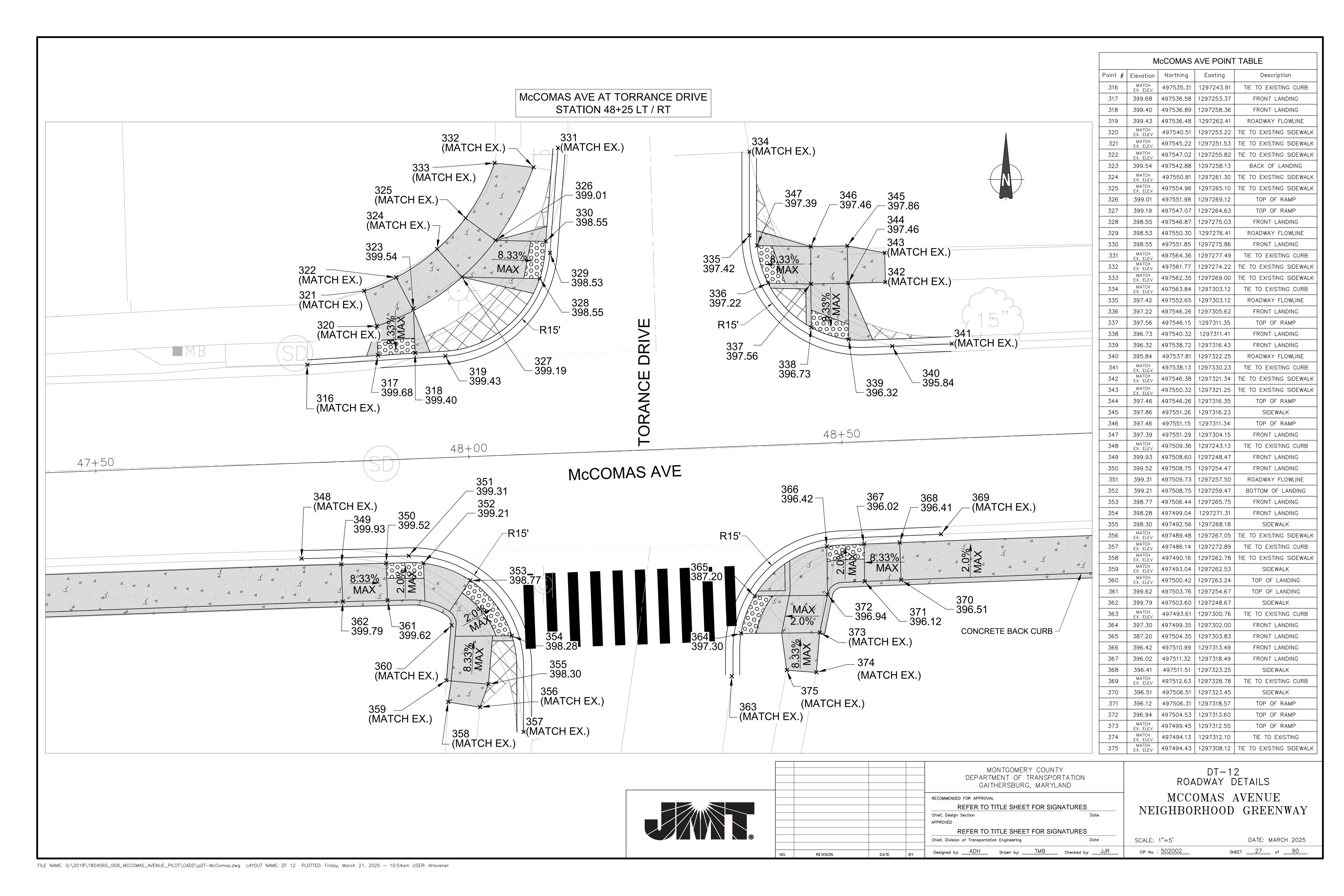
	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND	
	REFER TO TITLE SHEET FOR SIGNATURES	
	Chief, Design Section D APPROVED)ate
	DECED TO TITLE QUEET FOR SIGNATURES	

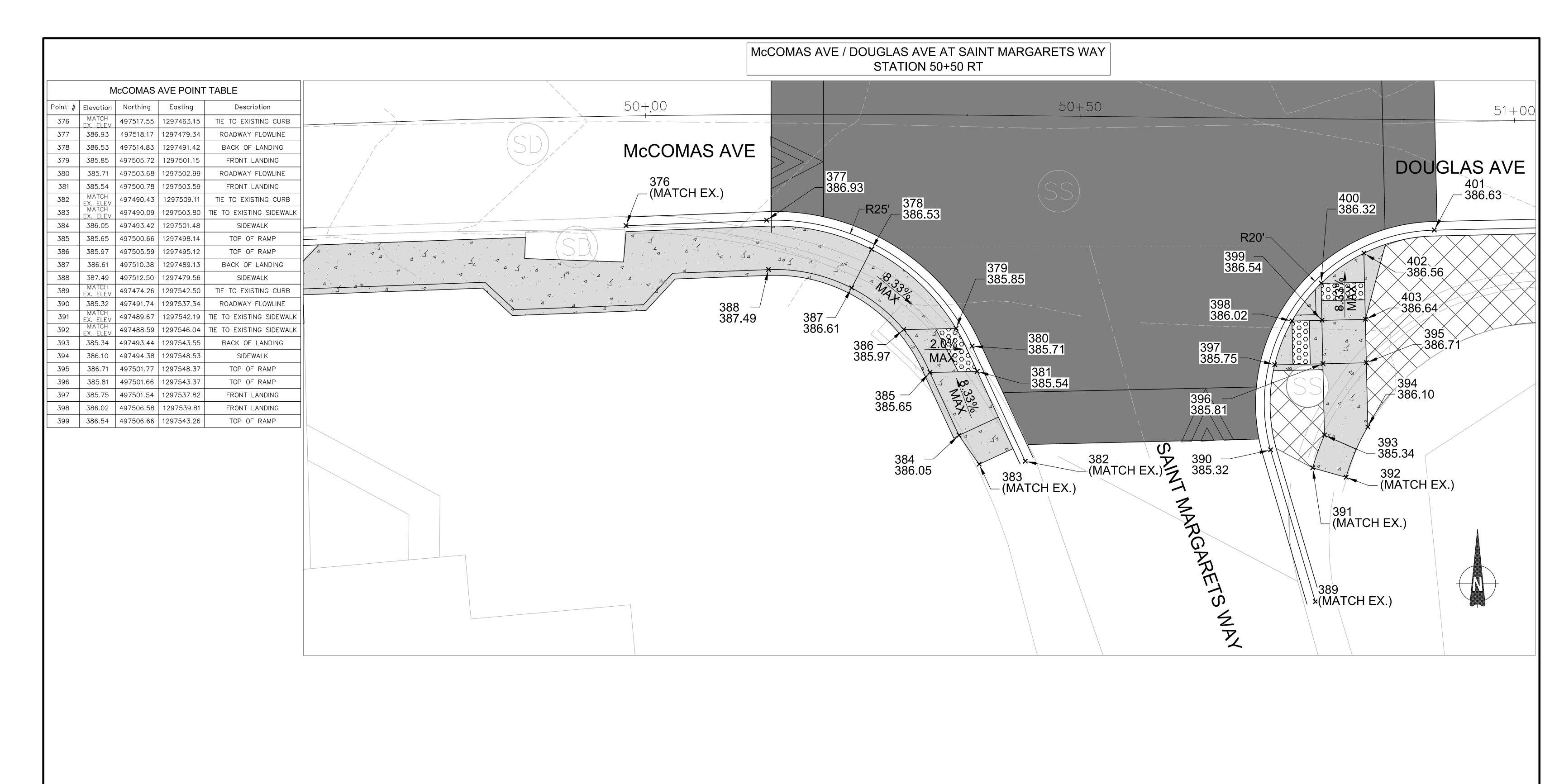
REFER TO TITLE SHEET FOR SIGNATURES

DT-11 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

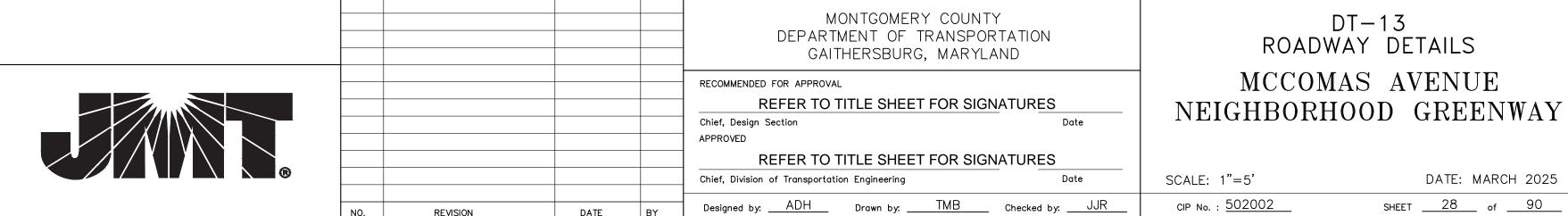
 SCALE: 1"=5'
 DATE: MARCH 2025

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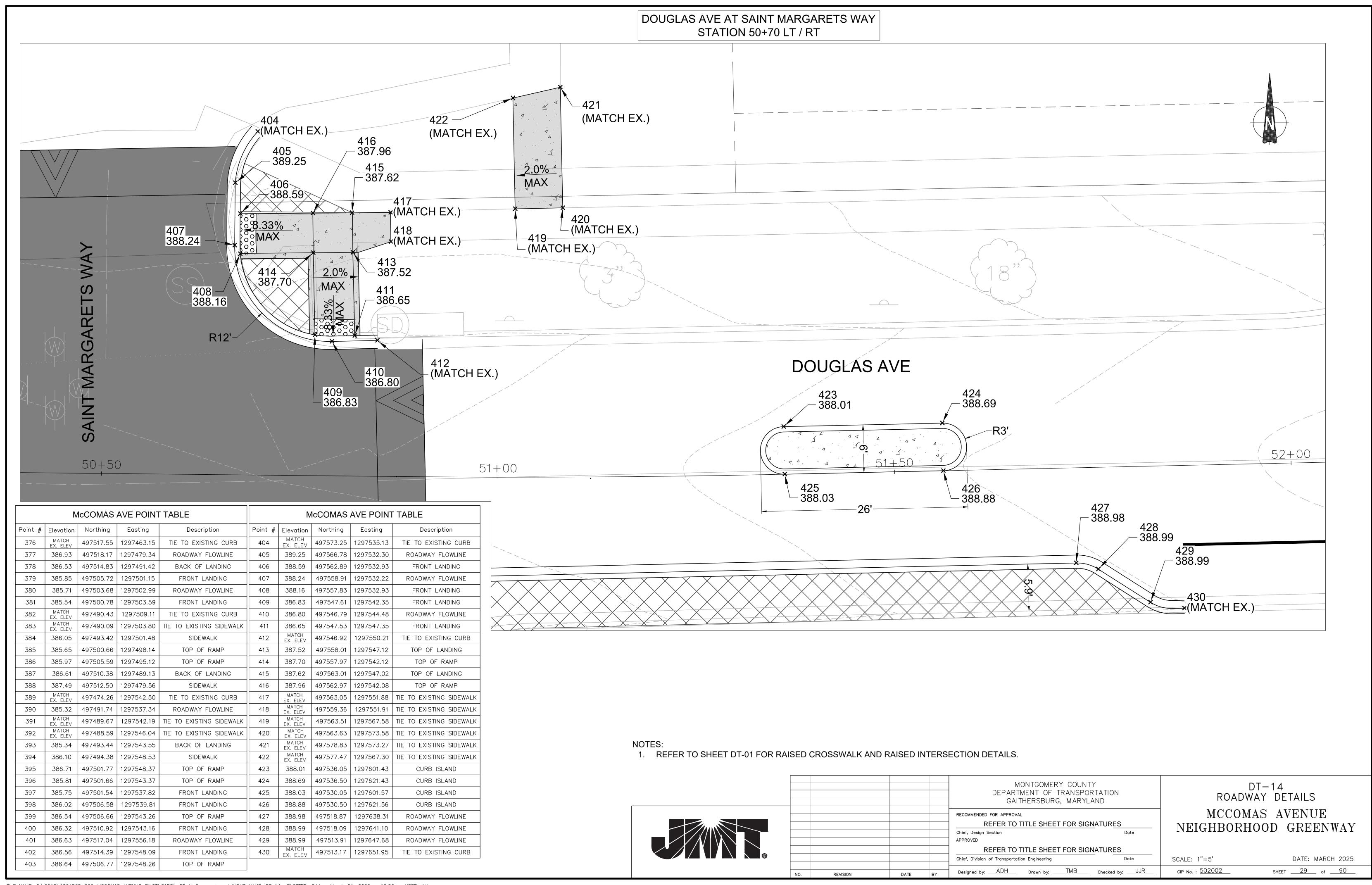
NOTES: 1.REFER TO SHEET DT-01 FOR RAISED CROSSWALK AND RAISED INTERSECTION DETAILS.

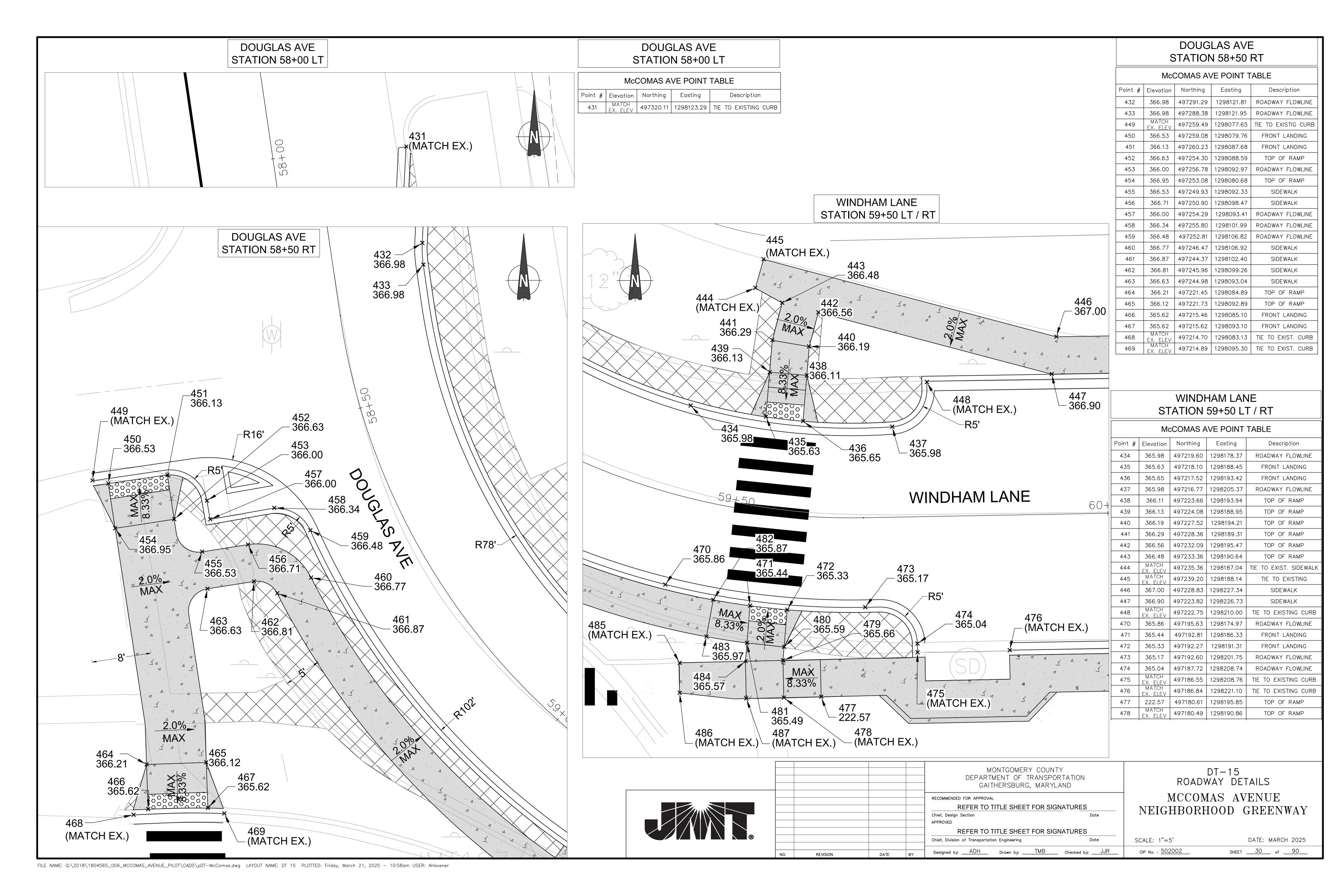


DT-13

DATE: MARCH 2025

SHEET <u>28</u> of <u>90</u>



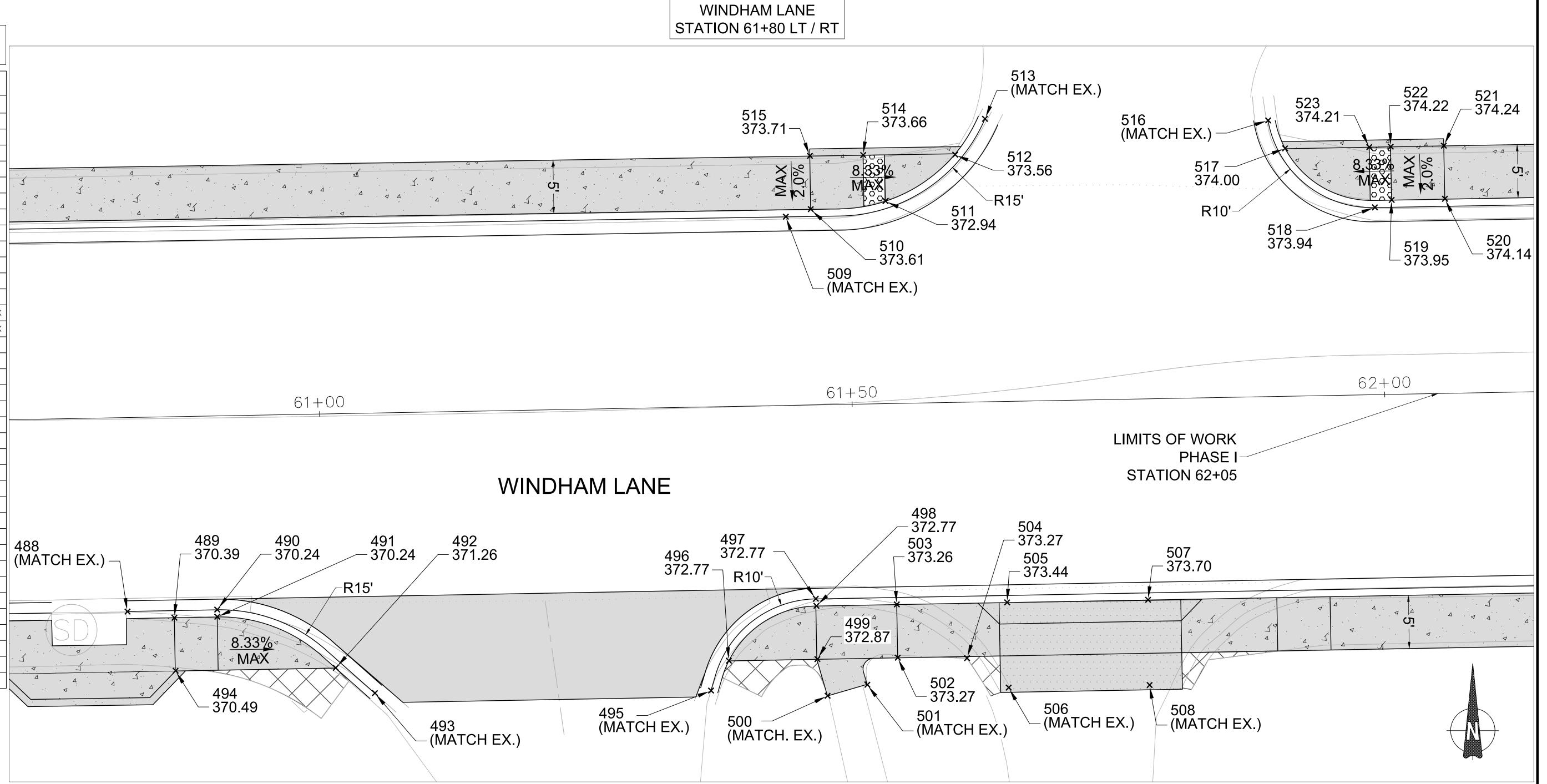


WINDHAM LANE STATION 61+80 LT / RT

McCOMAS AVE POINT TABLE							
Point #	Elevation	Northing	Easting	Description			
488	MATCH EX. ELEV	497188.46	1298316.18	TIE TO EXISTING CURB			
489	370.39	497187.89	1298320.59	TOP OF RAMP			
490	370.24	497188.65	1298324.60	ROADWAY FLOWLINE			
491	370.24	497187.98	1298324.61	FRONT LANDING			
492	371.26	497183.18	1298335.73	FRONT LANDING			
493	MATCH EX. ELEV	497180.81	1298339.41	TIE TO EXISTING CURB			
494	370.49	497182.91	1298320.70	TOP OF RAMP			
495	MATCH EX. ELEV	497181.05	1298370.95	TIE TO EXISTING CURB			
496	372.77	497183.85	1298372.63	FRONT LANDING			
497	372.77	497189.67	1298380.79	ROADWAY FLOWLINE			
498	372.77	497189.00	1298380.85	TOP OF RAMP			
499	372.87	497184.00	1298380.94	TOP OF RAMP			
500	MATCH EX. ELEV	497180.56	1298381.90	TIE TO EXIST. SIDEWALK			
501	MATCH EX. ELEV	497181.60	1298385.63	TIE TO EXIST. SIDEWALK			
502	373.27	497184.14	1298388.49	TOP OF RAMP			
503	373.26	497189.14	1298388.39	TOP OF RAMP			
504	373.27	497184.09	1298394.99	SIDEWALK			
505	373.44	497189.33	1298398.75	BOTTOM OF RAMP			
506	MATCH EX. ELEV	497181.33	1298398.90	DRIVEWAY RAMP TOP			
507	373.70	497189.57	1298411.98	BOTTOM OF RAMP			
508	MATCH EX. ELEV	497181.57	1298412.12	DRIVEWAY RAMP TOP			
509	MATCH EX. ELEV	497225.53	1298377.98	TIE TO EXISTING CURB			
510	373.61	497226.24	1298380.31	ROADWAY FLOWLINE			
511	372.94	497227.00	1298387.33	FRONT OF LANDING			
512	373.56	497231.35	1298393.87	FRONT OF LANDING			
513	MATCH EX. ELEV	497234.71	1298396.67	TIE TO EXISTING CURB			
514	373.66	497231.32	1298385.23	BACK OF LANDING			
515	373.71	497231.24	1298380.23	TOP OF RAMP			
516	MATCH EX. ELEV	497234.57	1298423.25	TIE TO EXISTING CURB			
517	374.00	497231.95	1298424.84	FRONT OF LANDING			
518	373.94	497226.41	1298433.27	ROADWAY FLOWLINE			
519	373.95	497227.10	1298434.84	ROADWAY FLOWLINE			
520	374.14	497227.21	1298439.84	TOP OF RAMP			
521	374.24	497232.19	1298439.74	TOP OF RAMP			

374.22 497232.10 1298434.75

523 374.21 497232.06 1298432.74





				MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND	
				REFER TO TITLE SHEET FOR SIGNATURES	
				Chief, Design Section Date APPROVED	_
				REFER TO TITLE SHEET FOR SIGNATURES	
				Chief, Division of Transportation Engineering Date	_
NO.	REVISION	DATE	BY	Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u>	

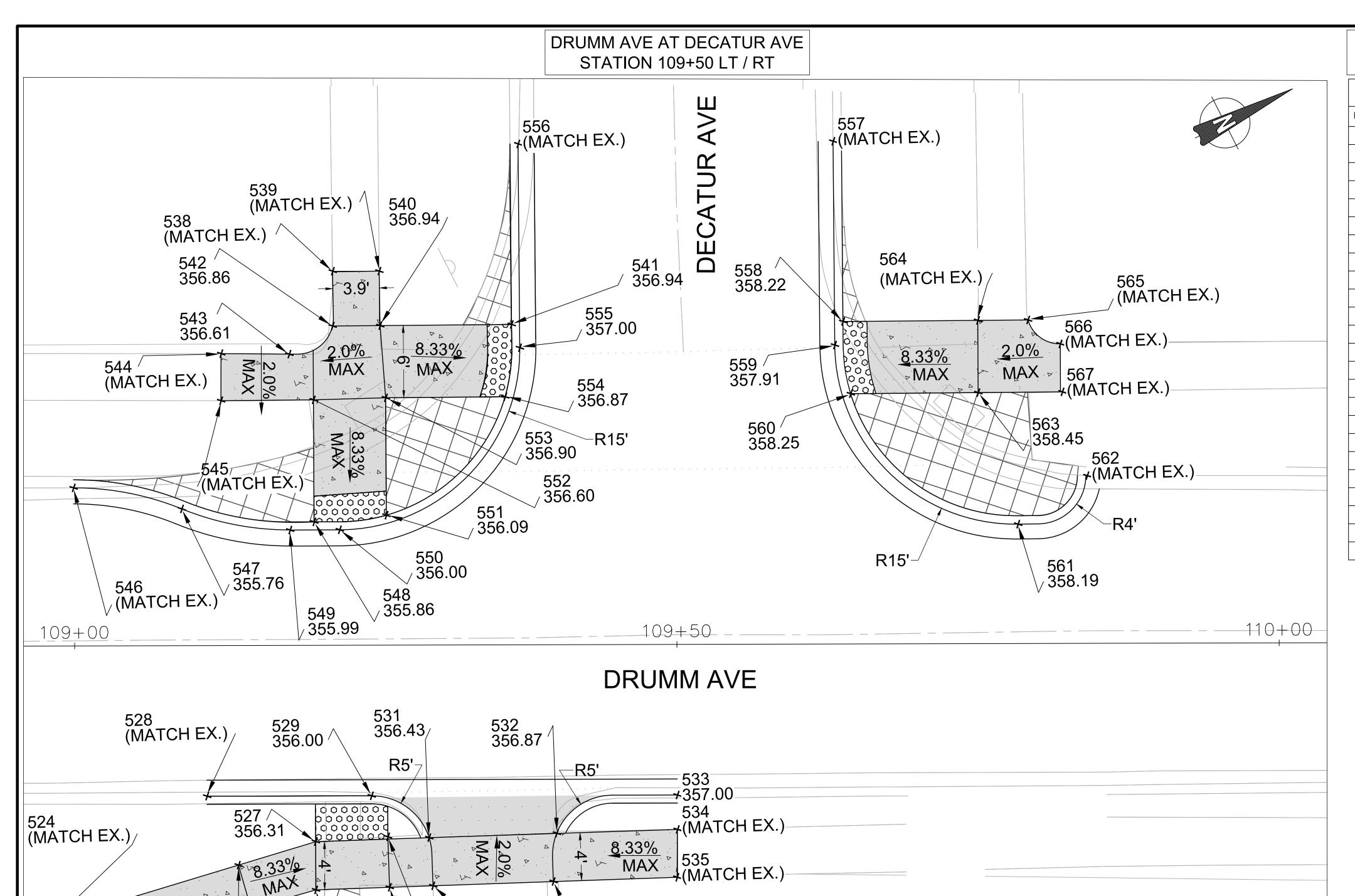
DT-16 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

 SCALE: 1"=5'
 DATE: MARCH 2025

 CIP No. : 502002
 SHEET
 31
 of
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TOP OF LANDING

BACK OF LANDING



DRUMM AVE AT FAULKNER PL STATION 115+00 RT

537 / 356.96

530 356.33 536.81

5002 √356.80

	McCOMAS AVE POINT TABLE							
Point #	Elevation	Northing	Easting	Description				
568	MATCH EX. ELEV	498443.18	1295125.17	TIE TO EXISTING CURB				
569	386.46	498443.94	1295113.81	ROADWAY FLOWLINE				
570	387.14	498448.19	1295112.42	FRONT LANDING				
571	386.94	498447.44	1295106.31	FRONT LANDING				
572	387.29	498451.82	1295102.45	FRONT LANDING				
573	387.75	498459.09	1295099.91	ROADWAY FLOWLINE				
574	387.54	498461.34	1295105.21	SIDEWALK				
575	MATCH EX. ELEV	498469.09	1295100.03	TIE TO EXISTING CURB				

526 356.39

5000 5001 356.22 356.30

3.7

525 (MATCH EX.)

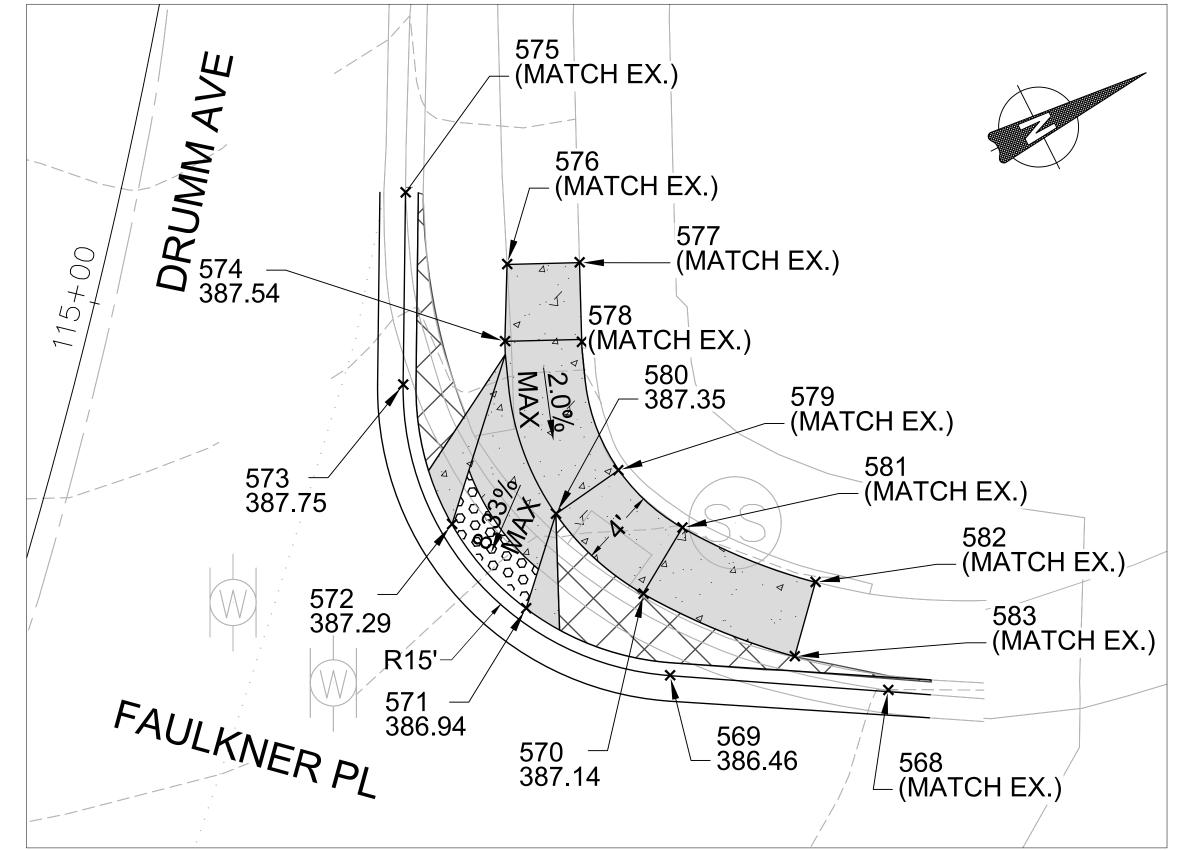
	McCOMAS AVE POINT TABLE							
Point #	Point # Elevation		Easting	Description				
576	MATCH EX. ELEV	498465.36	1295105.32	TIE TO EXISTING SIDEWALK				
577	MATCH EX. ELEV	498465.45	1295109.10	TIE TO EXISTING SIDEWALK				
578	MATCH EX. ELEV	498461.31	1295109.21	TIE TO EXISTING SIDEWALK				
579	MATCH EX. ELEV	498454.62	1295111.11	TIE TO EXISTING				
580	387.35	498452.36	1295107.86	TOP OF RAMP				
581	MATCH EX. ELEV	498451.64	1295114.45	TOP OF RAMP				
582	MATCH EX. ELEV	498448.80	1295121.38	TIE TO EXISTING SIDEWALK				
583	MATCH EX. ELEV	498444.94	1295120.30	TIE TO EXISTING SIDEWALK				



DRUMM AVE AT DECATUR AVE STATION 109+50 LT / RT

	N	1cCOMAS	AVE POINT	ΓTABLE	McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description	Point #	Elevation	Northing	Easting	Description
524	MATCH EX. ELEV	497912.28	1294841.57	TIE TO EXISTING SIDEWALK	548	355.86	497946.52	1294821.73	BOTTOM OF RAMP
525	MATCH EX. ELEV	497910.59	1294844.83	TIE TO EXISTING SIDEWALK	549	355.99	497944.42	1294821.43	ROADWAY FLOWLINE
526	356.39	497932.86	1294849.07	BACK OF LANDING	550	356.00	497948.11	1294823.27	ROADWAY FLOWLINE
527	356.31	497934.66	1294845.48	TOP OF RAMP	551	356.09	497952.12	1294823.94	BOTTOM OF RAMP
528	MATCH EX. ELEV	497928.30	1294838.05	TIE TO EXISTING CURB	552	356.60	497951.04	1294812.66	TOP OF RAMP
529	356.00	497940.51	1294844.18	BOTTOM OF RAMP	553	356.90	497956.47	1294815.21	TOP OF RAMP
530	356.33	497940.18	1294847.84	TOP OF RAMP	554	356.87	497965.35	1294819.60	BOTTOM OF RAMP
531	356.43	497943.20	1294849.44	DRIVEWAY RAMP TOP	555	357.00	497968.28	1294816.52	ROADWAY FLOWLINE
532	356.87	497952.83	1294853.89	DRIVEWAY RAMP TOP	556	MATCH EX. ELEV	497975.79	1294801.34	TIE TO EXISTING CURB
533	357.00	497963.20	1294855.58	TIE TO EXIST. CURB	557	MATCH EX. ELEV	497999.23	1294812.95	TIE TO EXISTING CURB
534	MATCH EX. ELEV	497961.91	1294858.13	TIE TO EXISTING SIDEWALK	558	358.22	497993.21	1294826.68	BOTTOM OF RAMP
535	MATCH EX. ELEV	497960.10	1294861.67	TIE TO EXISTING SIDEWALK	559	357.91	497991.72	1294828.12	ROADWAY FLOWLINE
536	356.81	497941.69	1294853.15	DRIVEWAY CONNECTION	560	358.25	497991.07	1294832.32	BOTTOM OF RAMP
537	356.96	497950.77	1294857.34	DRIVEWAY CONNECTION	561	358.19	497998.59	1294848.26	ROADWAY FLOWLINE
538	MATCH EX. ELEV	497957.28	1294803.84	TIE TO EXISTING SIDEWALK	562	MATCH EX. ELEV	498005.53	1294847.25	TIE TO EXISTING CURB
539	MATCH EX. ELEV	497960.74	1294805.57	TIE TO EXISTING SIDEWALK	563	358.45	498000.56	1294837.01	TOP OF RAMP
540	356.94	497958.76	1294809.65	TOP OF RAMP	564	MATCH EX. ELEV	498003.24	1294831.65	TOP OF RAMP
541	356.94	497968.54	1294814.48	BOTTOM OF RAMP	565	MATCH EX. ELEV	498006.97	1294833.49	TIE TO EXISTING SIDEWALK
542	356.86	497955.22	1294807.90	BACK OF LANDING	566	MATCH EX. ELEV	498008.47	1294836.48	TIE TO EXISTING SIDEWALK
543	356.61	497950.95	1294808.36	BACK OF LANDING	567	MATCH EX. ELEV	498006.82	1294840.11	TIE TO EXISTING SIDEWALK
544	MATCH EX. ELEV	497945.93	1294805.77	TIE TO EXISTING SIDEWALK	5000	356.22	497928.06	1294844.34	TOP OF RAMP
545	MATCH EX. ELEV	497944.16	1294809.25	TIE TO EXISTING SIDEWALK	5001	356.30	497927.35	1294848.03	TOP OF RAMP
546	MATCH EX. ELEV	497929.96	1294810.19	TIE TO EXISTING CURB	5002	356.80	497938.42	1294851.64	SIDEWALK
547	355.76	497937.20	1294815.81	ROADWAY FLOWLINE		,	,	,	
			•						

DRUMM AVE AT FAULKNER PL STATION 115+00 RT



MONTGOMERY COUNTY

DEPARTMENT OF TRANSPORTATION

GAITHERSBURG, MARYLAND

REFER TO TITLE SHEET FOR SIGNATURES

REFER TO TITLE SHEET FOR SIGNATURES

Designed by: <u>ADH</u> Drawn by: <u>TMB</u> Checked by: <u>JJR</u>

Chief, Design Section

APPROVED

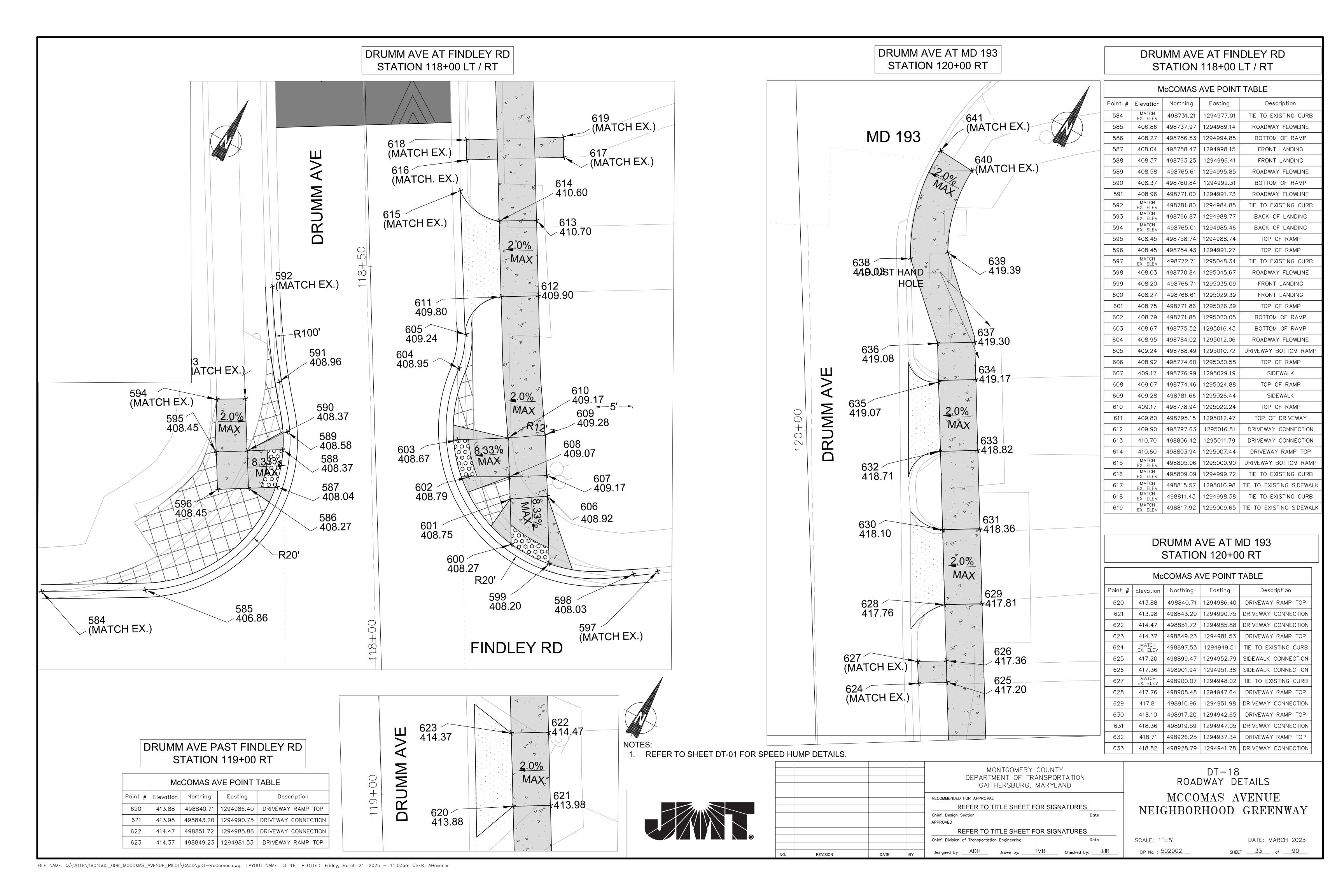
DT-17 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

SCALE: 1"=5'

FILE NAME: Q:\2018\1804565_009_MCCOMAS_AVENUE_PILOT\CADD\pDT-McComas.dwg LAYOUT NAME: DT 17 PLOTTED: Friday, March 21, 2025 - 11:01am USER: AHavener

CIP No. : 502002

DATE: MARCH 2025 SHEET <u>32</u> of <u>90</u>



CRITERIA

THE CONTRACTOR SHALL BE GOVERNED BY THE STANDARDS AND REQUIREMENTS OF THE FOLLOWING PUBLICATIONS, EXCEPT AS MODIFIED BY THE SPECIAL PROVISIONS OF THIS CONTRACT: <u>DESIGN</u>

> MDOT SHA — "MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", 2011 EDITION AND SUBSEQUENT REVISIONS. (MdMUTCD)

A A S H T O - "HIGHWAY SAFETY DESIGN AND OPERATIONS GUIDE" -1997

A A S H T O — "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS LUMINAIRES AND TRAFFIC SIGNALS", 2001 EDITION (CATEGORY II FOR ALL OVERHEAD AND CANTILEVER SIGN STRUCTURES).

MATERIALS AND CONSTRUCTION

MDOT SHA - "STANDARD SPECIFICATIONS FOR CONSTRUCTION & MATERIALS", 2023 EDITION AND SUBSEQUENT SUPPLEMENTS.

DESIGN WIND

```
100 MPH - WOOD SUPPORTS
10 YEAR RECURRENCE INTERVAL
100 MPH - GROUND MOUNT SIGN STEEL SUPPORTS
                                               ALL DISTRICTS
10 YEAR RECURRENCE INTERVAL
100 MPH - OVERHEAD AND CANTILEVER STRUCTURES
50 YEAR RECURRENCE INTERVAL
```

DESIGN STRESS

SOIL BEARING PRESSURE - S = 3,000 P.S.f. (ASSUMED) SEE MATERIAL & CONSTRUCTION ABOVE AND SPECIAL PROVISIONS FOR DESIGN STRESSES FOR STRUCTURAL STEEL, ALUMINUM, REINFORCING STEEL AND CONCRETE.

CHAMFER

ALL EXPOSED EDGES OF CONCRETE SHALL HAVE A 3/4" X 3/4" CHAMFER.

CLASSIFICATION OF SIGNS

SIGNS ARE DIVIDED INTO TWO (2) GENERAL CATEGORIES.

1. GUIDE SIGNS B) PANELS A) STRUCTURAL TYPES OH - OVERHEAD MATERIAL - EXTRUDED ALUMINUM C - CANTILEVER COPY - DIRECT APPLIED GM - GROUND MOUNT, BREAKAWAY 1) HIGH INTENSITY (NEW SIGNS AND OR NON-BREAKWAY REVISIONS TO EXISTING SIGNS) BM - BRIDGE MOUNTED 2. STANDARD SIGNS (REGULATORY, WARNING, ETC.) A) STRUCTURAL TYPES B) PANELS

MATERIAL - SHEET ALUMINUM

COPY - DIRECT APPLIED

IDENTIFICATION OF SIGNS AND PANELS

WOOD SUPPORTS

SQUARE TUBE

GUIDE SIGNS

EACH GUIDE SIGN IS IDENTIFIED BY A SIGN NUMBER ON THE PLANS AND IN THE TABULATIONS. (GM-1, GM-2, GM-3, etc)SIGNS ON STRUCTURES ARE IDENTIFIED WITH A NUMBER AND WHERE VARIATIONS OCCUR,

A LOWER CASE LETTER. (OH-1a, OH-1b, OH-1c)

STANDARD SIGNS

STANDARD SIGNS ARE IDENTIFIED BY PANEL NUMBERS AND ARE CLASSIFIED AS FOLLOWS R - REGULATORY

W - WARNING

M - ROUTE MARKERS AND ACCESSORIES D - DESTINATION AND MILEAGE PANELS

S - SCHOOL

PANELS SHALL BE DESIGNATED TO AGREE WITH MARYLAND STANDARD SIGN BOOK. EACH STANDARD SIGN IS IDENTIFIED FIRST BY THE SHEET NUMBER, THEN BY THE NUMERICAL ORDER OF THE SIGN AS IT APPEARS ON THE PLAN. FOR EXAMPLE SHEET SN 2.1-101,102,103, ETC. SHEET SN 2.2-201,202,203,ETC.

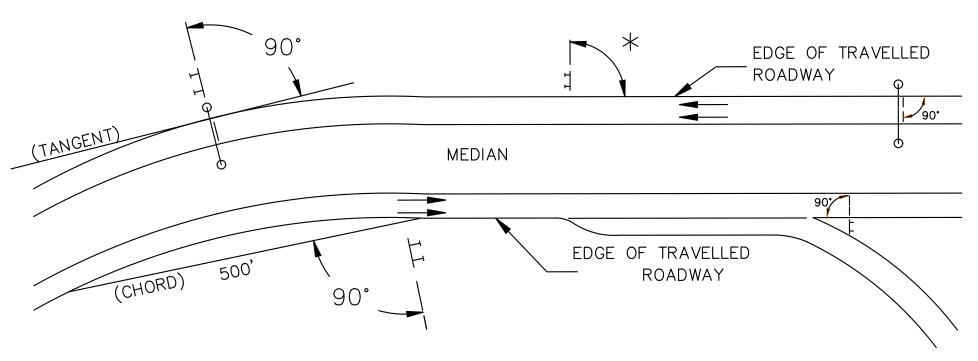
PANEL LAYOUT AND ALPHABETS

1. GUIDE SIGN PANEL LAYOUTS ARE BASED ON THE A.A.S.H.T.O. MANUALS NOTED ABOVE. 2. STANDARD SIGN PANEL LAYOUTS ARE BASED ON THE MdMUTCD WITH SPECIFICATIONS DETAILED IN THE MARYLAND STATE HIGHWAY ADMINISTRATION PUBLICATION, "STANDARD SIGN BOOK",AVAILABLE ONLINE @ https:/www.marylandroads.com/businesswithsha/ bizStdsSpecs/desManualStdPub/publicationsonline/oots/internet_signbook.asp

REFLECTORIZATION

BACKGROUNDS, BORDERS, TEXTS AND ALL OTHER ELEMENTS OF SIGN PANELS SHALL BE REFLECTORIZED EXCEPT WHERE NOTED. REFER TO PROJECT REQUIREMENTS FOR MORE DETAIL.

ORIENTATION OF SIGN FACES



* UNDER 30 FEET FROM TRAVELLED ROADWAY TO NEAR EDGE OF SIGN - 93^ AWAY FROM THE ROAD TO AVOID SPECULAR REFLECTION AS INDICATED IN 813.03 OF THE MARYLAND STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS.

OVER 30 FEET FROM TRAVELLED ROADWAY TO NEAR EDGE OF SIGN - 90^

SIGN LOCATIONS

- 1. GUIDE SIGNS ARE LOCATED ON THE PLANS BY DIMENSION TO SURVEY STATIONS, OR WHEN NECESSARY, TO IDENTIFIABLE PHYSICAL FEATURES.
- 2. ALL CHANGES IN THE LOCATIONS OF SIGNS AS SHOWN ON THE PLAN SHALL HAVE THE PRIOR APPROVAL OF THE ENGINEER.

EXISTING UTILITIES

THE ENGINEER DOES NOT WARRANT OR GUARANTEE THE ACCURACY OR COMPLETENESS OF UTILITY INFORMATION SHOWN ON THE PLAN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROTECT ALL EXISTING FACILITIES WHICH MIGHT BE AFFECTED BY THIS WORK OR HIS OPERATION.

ROADSIDE SIGNS

1. VERTICAL ALIGNMENT

POSITION PANEL SO FACE IS PLUMB.

2. HORIZONTAL ALIGNMENT (SEE DIAGRAM ABOVE)

A) ON STRAIGHT ROADWAY SECTIONS, ANGLE OF SIGN FACE TO ROADWAY VARIES WITH DISTANCE FROM TRAVELLED ROADWAY TO NEAR EDGE OF SIGN - SEE DIAGRAM.

B) ON THE INSIDE OF HORIZONTAL CURVES, POSITION SIGN SO FACE OF PANEL MAKES AN ANGLE OF 90° WITH A CHORD BETWEEN A POINT ON NEAR EDGE OF PAVEMENT AT SIGN LOCATION AND A POINT ON EDGE OF PAVEMENT 500' IN ADVANCE OF SIGN. C) ON THE OUTSIDE OF HORIZONTAL CURVES, POSITION SIGN SO FACE OF PANEL IS

AT RIGHT ANGLES TO THE TANGENT OF THE CURVE AT THE SIGN LOCATION. D) POSITIONING OF SIGNS AT GORES AND RAMP SEPARATIONS IS REFERRED TO THE NORMAL EDGE OF THE MAINLINE ROADWAY.

OVERHEAD SIGNS

- 1. VERTICAL ALIGNMENT
- POSITION PANELS FOR ALL OVERHEAD STRUCTURES SO THAT PANEL FACE IS PLUMB.
- 2. OVERHEAD SIGN STRUCTURES SHALL NOT BE ERECTED WITHOUT ATTACHING LUMINAIRES. SUPPORTS, AND/OR SIGNS.
- 3. HORIZONTAL ALIGNMENT
- A) POSITION ALL OVERHEAD SIGNS SO THAT THE FACE OF THE PANEL IS AT RIGHT ANGLES TO THE NORMAL EDGE OF ROADWAY, IF ON A STRAIGHT ROADWAY SECTION.
- B) POSITION ALL OVERHEAD SIGNS SO THAT THE FACE OF THE PANEL IS AT RIGHT ANGLES TO THE TANGENT OF THE CURVE AT SIGN LOCATION, IF ON A HORIZONTAL CURVE.
- C) POSITIONING OF SIGNS AT GORES AND RAMP SEPARATIONS IS REFERRED TO THE NORMAL EDGE OF THE MAINLINE ROADWAY. 4. VERTICAL CLEARANCE
- A) OVERHEAD SIGNS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 17'-9" FROM ROADWAY TO THE BOTTOM OF LIGHT FIXTURES. ALL LIGHT FIXTURES ARE TO BE AT THE SAME ELEVATION.
- B) IF THE CONTRACTOR CANNOT OBTAIN 17'-9" (SEE 3A) CLEARANCE, HE IS TO CEASE WORK AND CONTACT THE PROJECT ENGINEER FOR FURTHER INSTRUCTIONS. THE PROJECT ENGINEER MAY CONTACT THE TRAFFIC ENGINEERING DESIGN DIVISION FOR ASSISTANCE. C) ON ALL OVERHEAD SIGNS, THE MINIMUM CLEARANCE TO BOTTOM OF SIGN: 20'-9".

PROJECT REQUIREMENTS

- ALL NEW SIGNS ON THIS PROJECT SHALL BE FABRICATED FROM SHEETING WHICH MEETS ALL OF THE FOLLOWING REQUIREMENTS, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE ENGINEER:
 - 1. SHEETING SHALL MEET THE REQUIREMENTS OF SECTIONS 813 AND 950.03 OF MDSHA'S STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS (2023) AND SUBSEQUENT REVISIONS
 - 2. LISTED ON MDSHA OFFICE OF TRAFFIC AND SAFETY'S QUALIFIED PRODUCTS LIST (QPL)

PROJECT REQUIREMENTS CONT'D

- 3. THE FOLLOWING TYPES OF SHEETING SHALL BE USED FOR THE SPECIFIED SIGN CLASSIFICATIONS
- A) GUIDE, EXIT GORE, AND GENERAL INFORMATION SIGNS-RETROREFLECTIVE SHEETING FOR GUIDE SIGNS, EXIT GORE, AND GENERAL INFORMATION (INCLUDES WHITE ON GREEN, WHITE ON BLUE, WHITE ON BROWN AND THE REVERSE OF THESE COLORS) SHALL MEET OR EXCEED THE REQUIREMENTS FOR ASTM TYPE IX LEGEND ON ASTM TYPE IX BACKGROUND. REGULATORY AND WARNING MESSAGES WITHIN GUIDE SIGNS SHALL BE NON-REFLECTIVE BLACK LEGEND ON BACKGROUND SHEETING WHICH MEETS OR EXCEEDS THE REQUIREMENTS FOR ASTM TYPE IX SHEETING.
- B) WARNING SIGNS RETROREFLECTIVE SHEETING FOR BLACK ON FLUORESCENT YELLOW WARNING SIGNS SHALL BE NON-REFLECTIVE BLACK LEGEND ON BACKGROUND SHEETING WHICH MEETS OR EXCEEDS THE REQUIREMENTS FOR ASTM TYPE IX SHEETING. REGULATORY MESSAGES WITHIN WARNING SIGNS SHALL FOLLOW THE GUIDELINES FOR REGULATORY SIGNS.
- C) SCHOOL SIGNS RETROREFLECTIVE SHEETING FOR SCHOOL SIGNS (BLACK ON FLUORESCENT YELLOW AND BLACK ON FLUORESCENT YELLOW GREEN) SHALL BE NON-REFLECTIVE BLACK LEGEND ON BACKGROUND SHEETING WHICH MEETS OR EXCEEDS THE REQUIREMENTS FOR ASTM TYPE IX SHEETING. REGULATORY MESSAGES WITHIN SCHOOL SIGNS SHALL FOLLOW THE REQUIREMENTS FOR REGULATORY SIGNS.
- D) REGULATORY SIGNS -FALL INTO THREE SUBCATEGORIES:
- i. REGULATORY SIGNS (STOP, YIELD, DO NOT ENTER AND WRONG WAY) RETROREFLECTIVE SHEETING FOR THESE SIGNS AND THEIR SUPPLEMENTAL PANELS (INCLUDES WHITE ON RED AND RED ON WHITE) SHALL MEET OR EXCEED THE REQUIREMENTS FOR ASTM TYPE IX SHEETING.
- ii. ALL R7 AND R8 SERIES PARKING RELATED SIGNS AND THEIR SUPPLEMENTAL PANELS, NO TRESPASSING SIGNS. AND SIGNS DIRECTED AT PEDESTRIANS AND BICYCLISTS ONLY (INCLUDES RED ON WHITE, GREEN ON WHITE, BLUE ON WHITE, BLACK ON WHITE AND THE REVERSE OF THESE COLORS) SHALL BE ASTM TYPE I LEGEND ON ASTM TYPE I BACKGROUND.
- iii. ALL OTHER REGULATORY SIGNS RETROREFLECTIVE SHEETING FOR THESE SIGNS AND THEIR SUPPLEMENTAL PANELS (INCLUDES BLACK ON WHITE) SHALL BE NON-REFLECTIVE BLACK LEGEND ON ASTM TYPE IV BACKGROUND. WHERE RED IS SPECIFIED, OR WHERE THE COLOR OF THE SIGN IS WHITE ON BLACK, THE LEGEND SHALL BE ASTM TYPE IV RETROREFLECTIVE SHEETING ON NON-REFLECTIVE BLACK BACKGROUND. WARNING MESSAGES WITHIN REGULATORY SIGNS SHALL FOLLOW THE GUIDELINES FOR WARNING SIGNS.
- E) ROUTE MARKERS -RETROREFLECTIVE SHEETING FOR ROUTE MARKERS (INCLUDES BLACK ON WHITE, GREEN ON WHITE, WHITE ON GREEN, WHITE ON RED/BLUE) SHALL MEET THE REQUIREMENTS OF GUIDE SIGNS ABOVE WHEN SPECIFIED AS THE LEGEND OF A GUIDE SIGN. RETROREFLECTIVE SHEETING FOR ALL INDEPENDENT ROUTE MARKERS AND THEIR AUXILIARY PANELS SHALL BE ASTM TYPE IV AND/OR NON-REFLECTIVE BLACK LEGEND ON ASTM TYPE IV BACKGROUND.
- F) LOGOS AND OR GRAPHICS -WITHIN SIGNS SHALL FOLLOW THE GUIDELINES FOR THE RESPECTIVE SIGN CLASSIFICATION UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE ENGINEER.
- G) CIVIL DEFENSE SIGNS AND OTHER SIGNS NOT SPECIFICALLY FALLING INTO ONE OF THE CATEGORIES ABOVE, SHALL FOLLOW THE GUIDELINES FOR THE SIGN CLASSIFICATION THAT MOST CLOSELY MATCHES THE COLOR(S) OF THE PROPOSED SIGN.
- 4. THE FOLLOWING MINIMUM THICKNESS SHALL BE USED FOR THE APPROPRIATE WIDTH OF SHEET ALUMINUM BLANKS.

LONGEST DIMENSION MINIMUM THICKNESS UP TO 12"____ __0.040" GREATER THAN 12" TO 24" __0.063" _0.080" GREATER THAN 24" TO 36" __0.100" GREATER THAN 36" TO 48" OVER 48"_____ ___0.125<mark>"</mark>

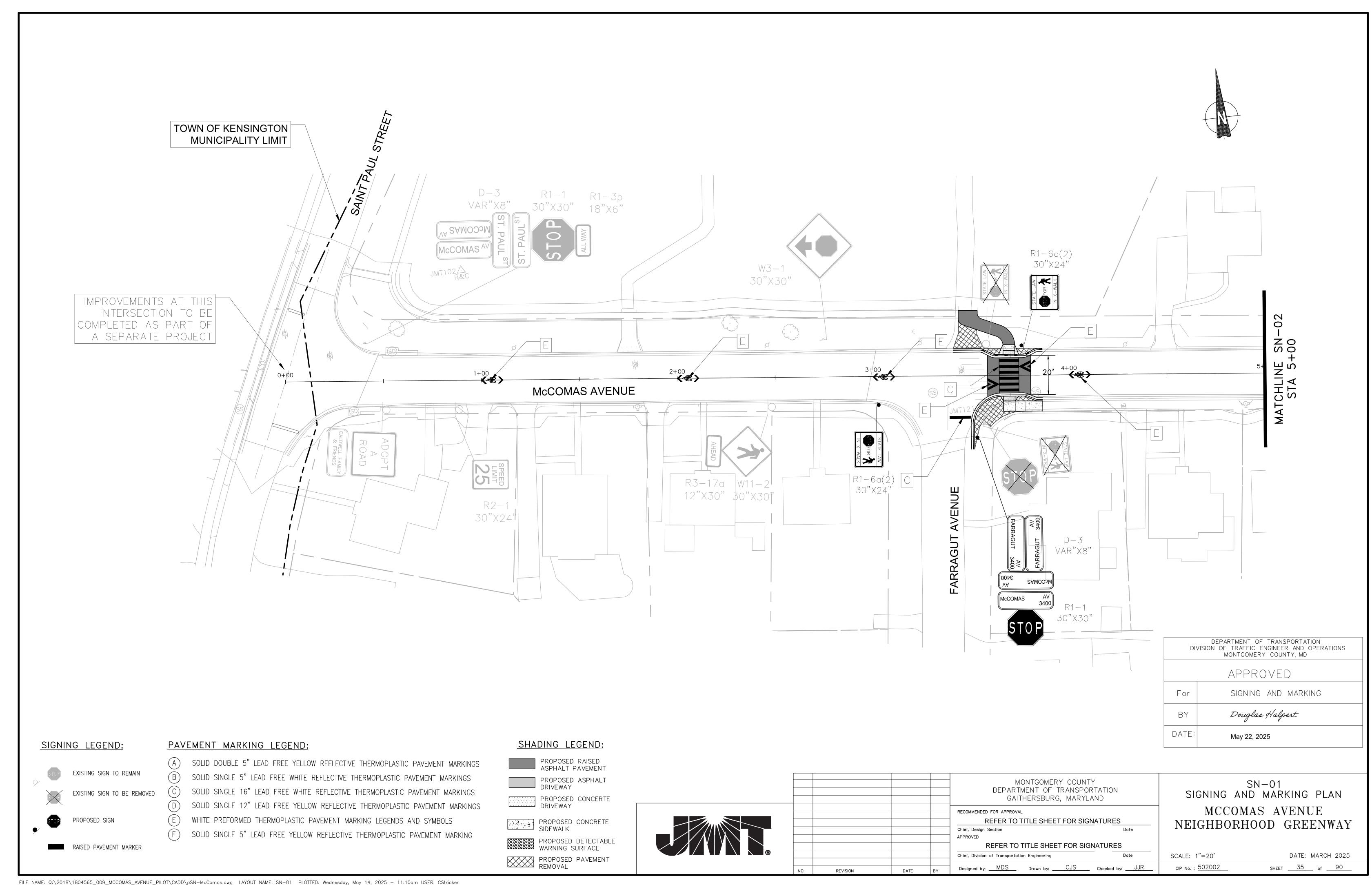
5. FOR STREET NAME SIGNS REFER TO COUNTY DETAIL ON DRAWING SN-08.

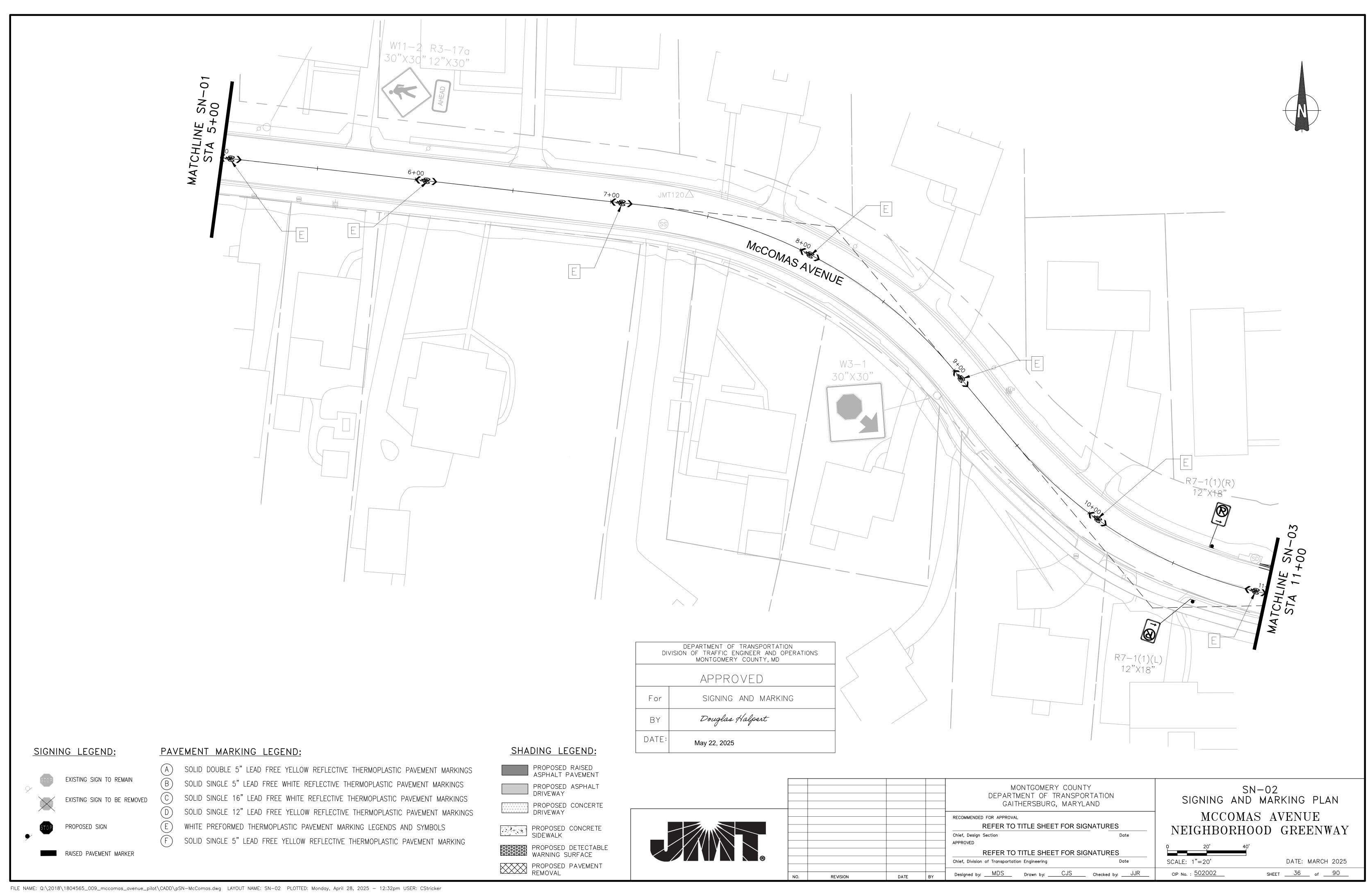
DIV	DEPARTMENT OF TRANSPORTATION VISION OF TRAFFIC ENGINEER AND OPERATIONS MONTGOMERY COUNTY, MD			
APPROVED				
For	SIGNING AND MARKING			
BY	Douglas Halpert			
DATE:	May 22, 2025			

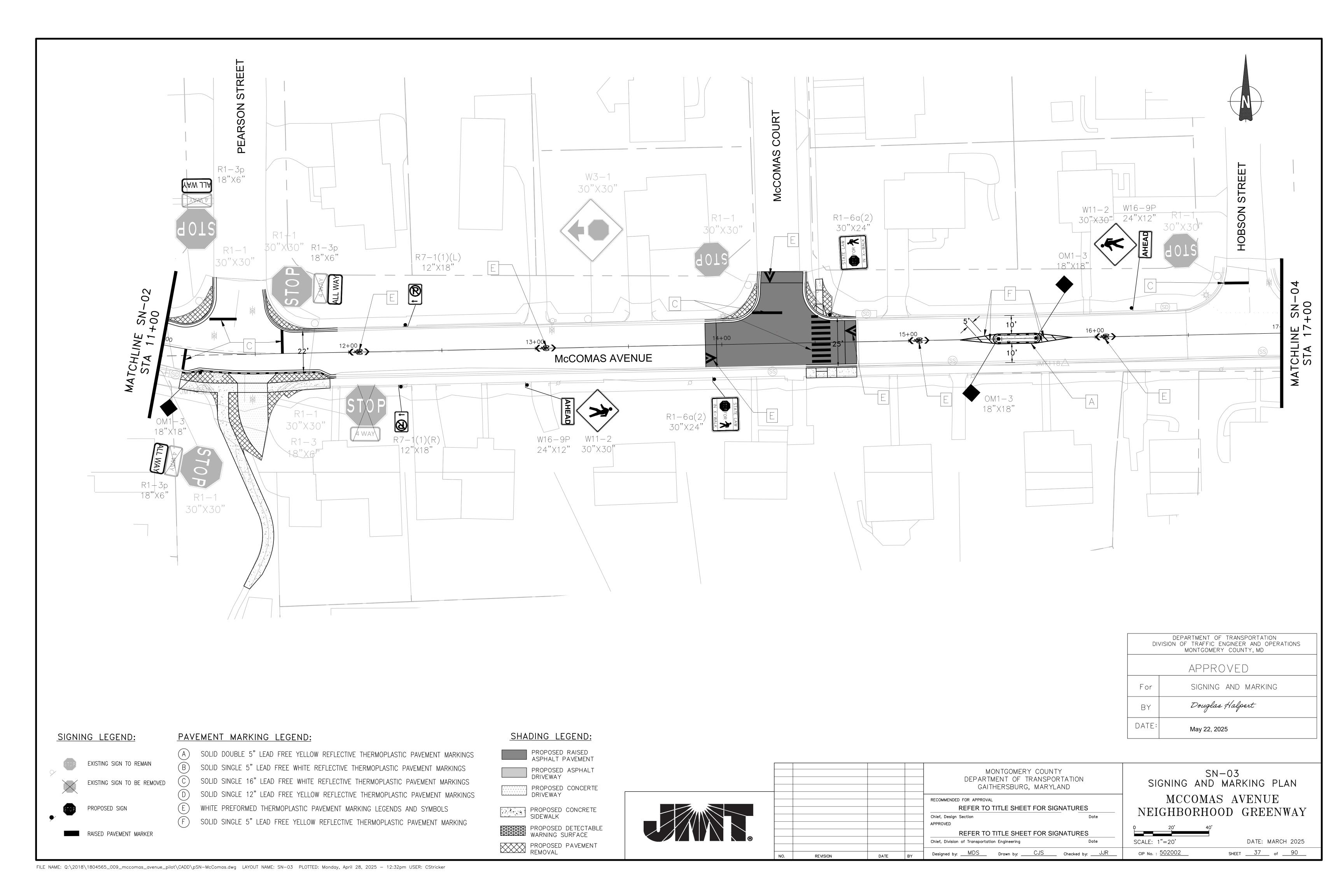
					MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND		
					RECOMMENDED FOR APPROVAL REFER TO TITLE SHEET FOR SIGNATURES		
					Chief, Design Section Date APPROVED		
®					REFER TO TITLE SHEET FOR SIGNATURES Chief, Division of Transportation Engineering Date		
	NO.	REVISION	DATE	BY	Designed by: MDS Drawn by: CJS Checked by: JJR		

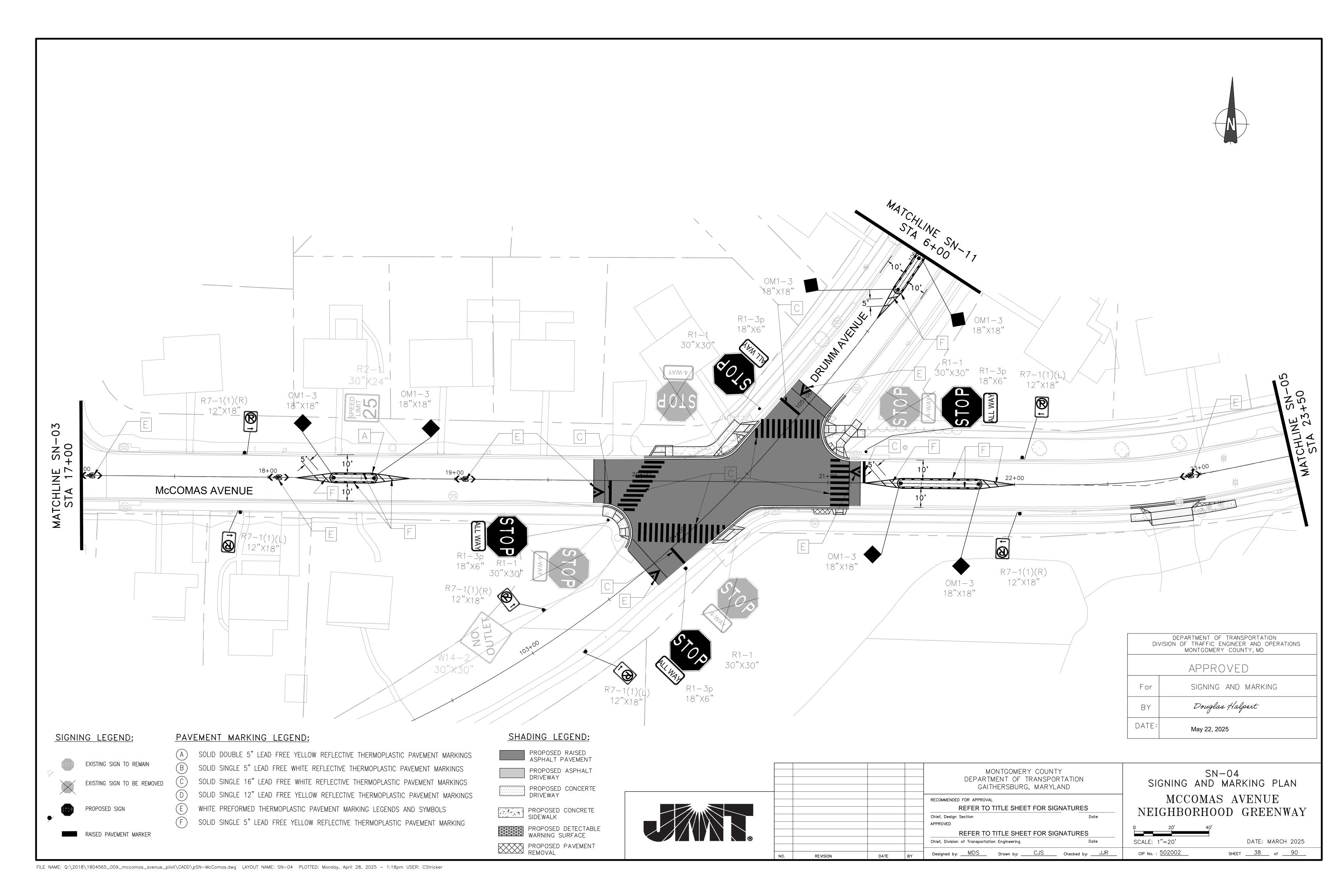
SN-00SIGNING NOTES AND DETAIL MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

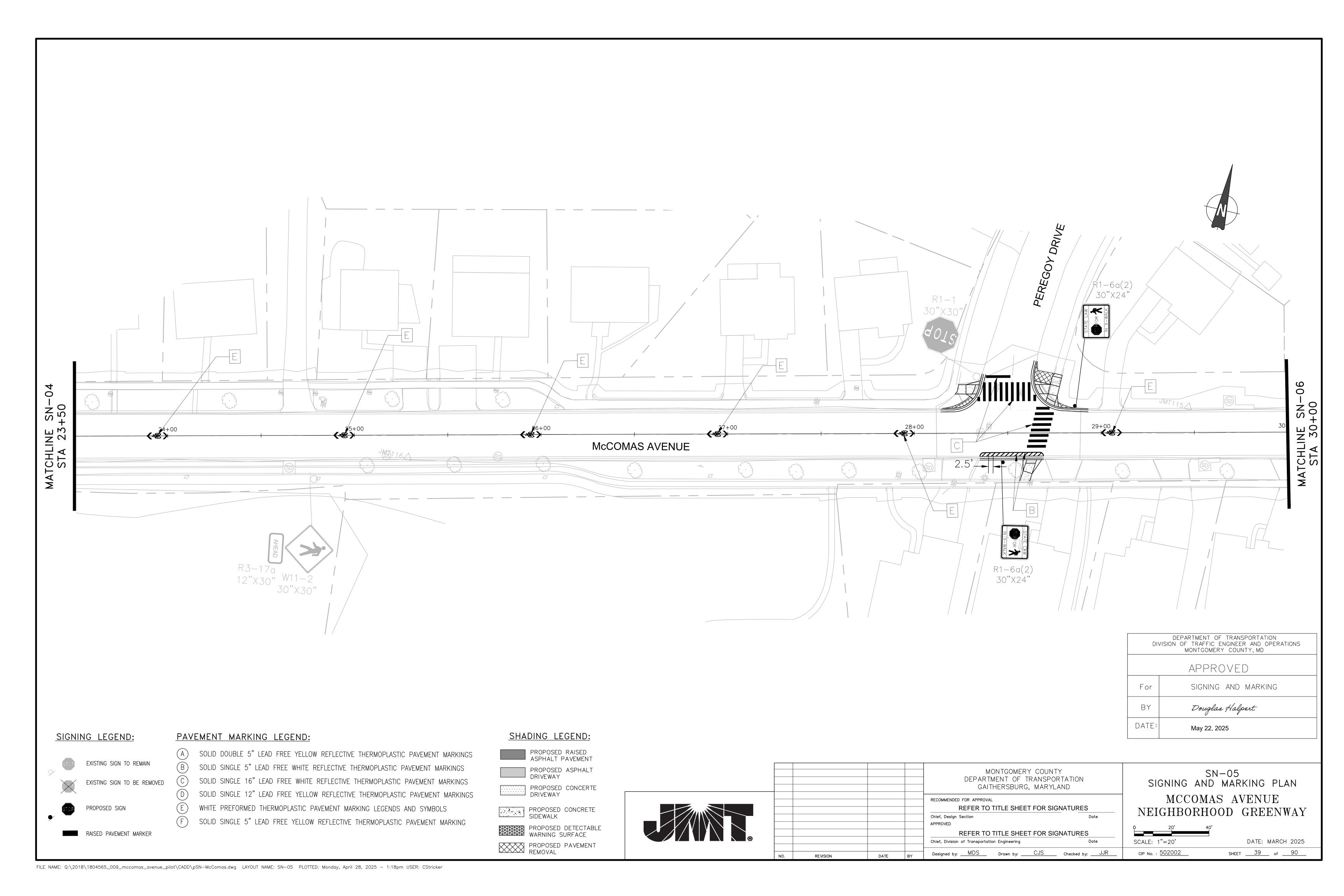
DATE: MARCH 2025 SHEET <u>34</u> of <u>90</u> CIP No. : 502002

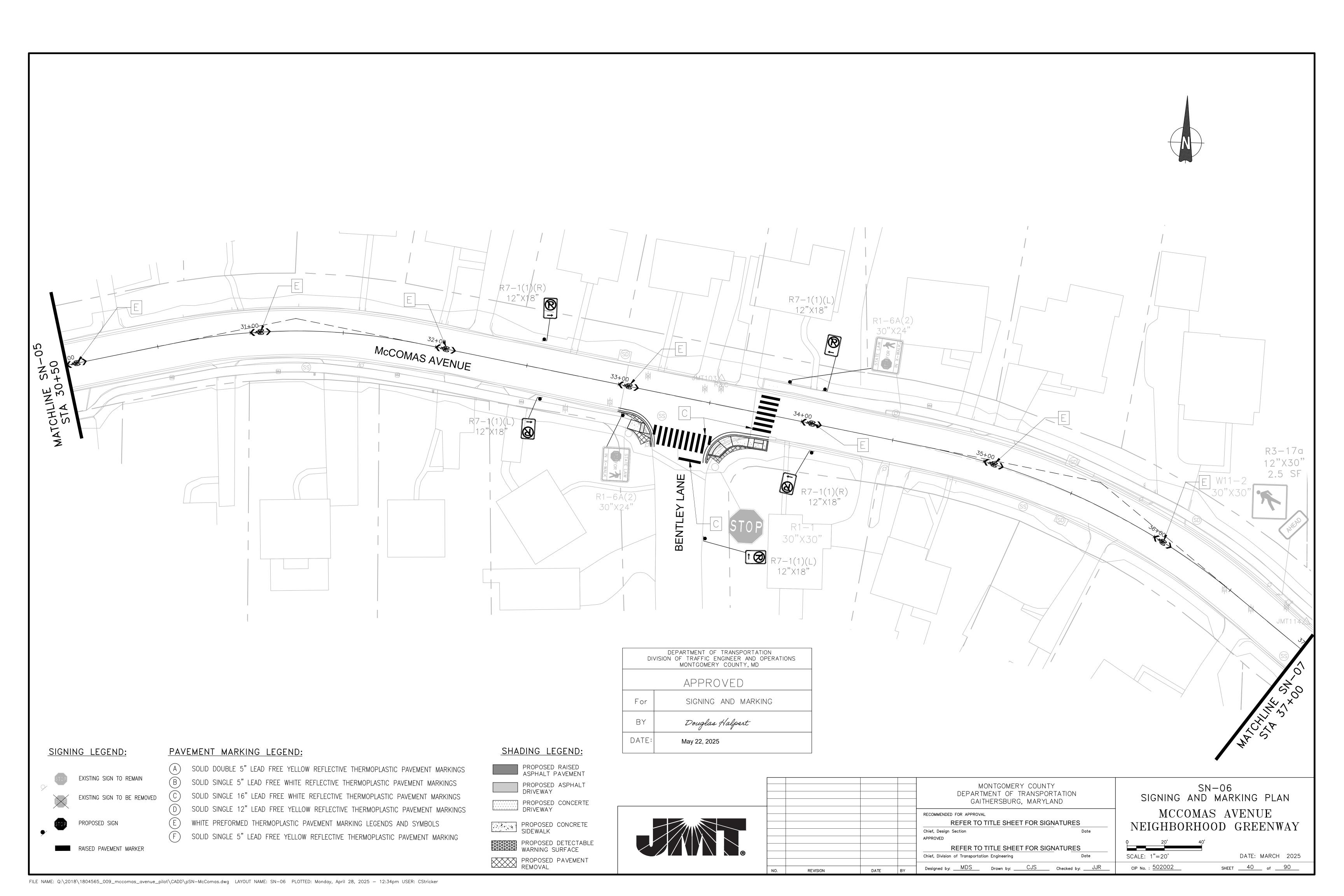


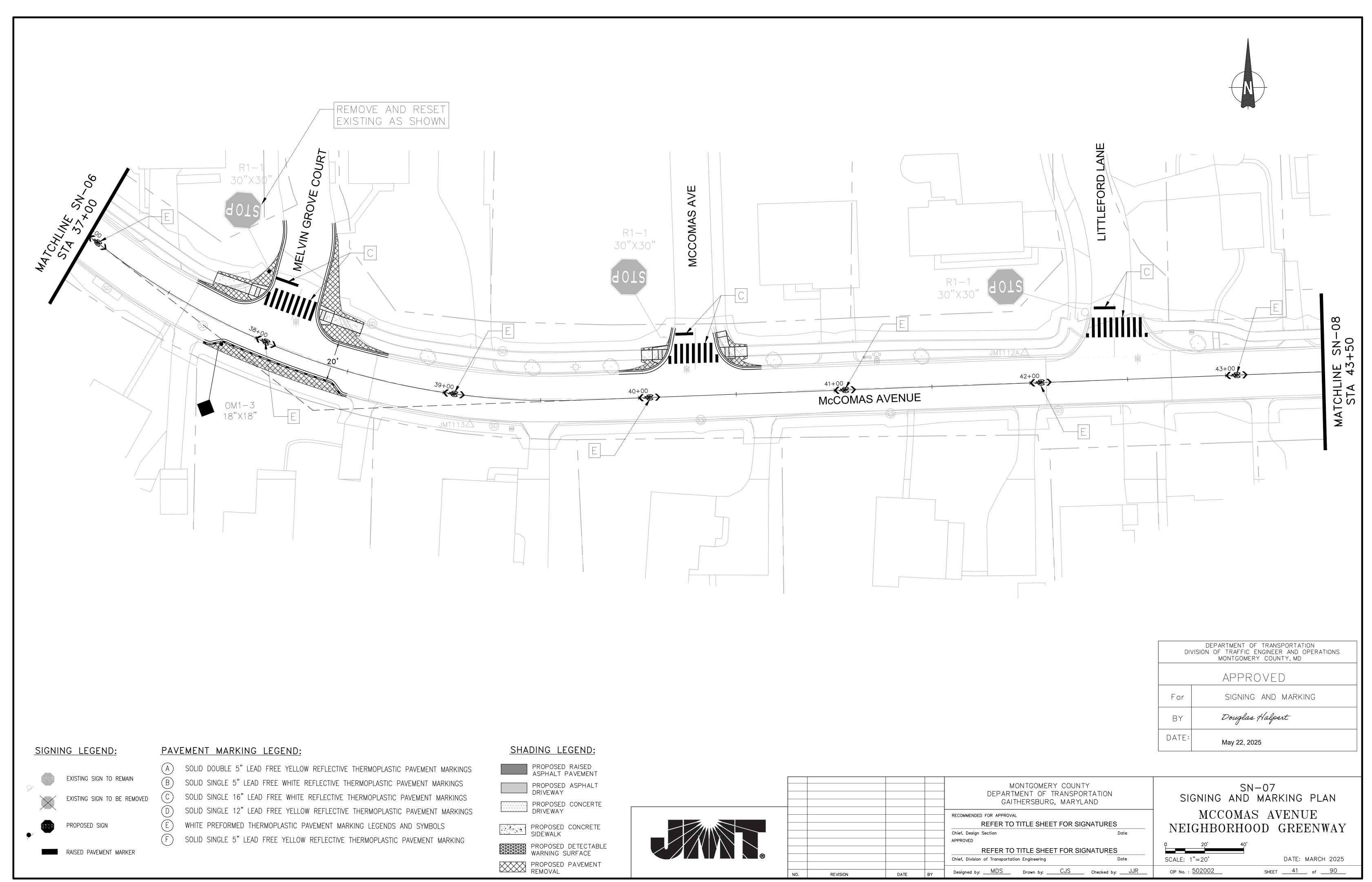


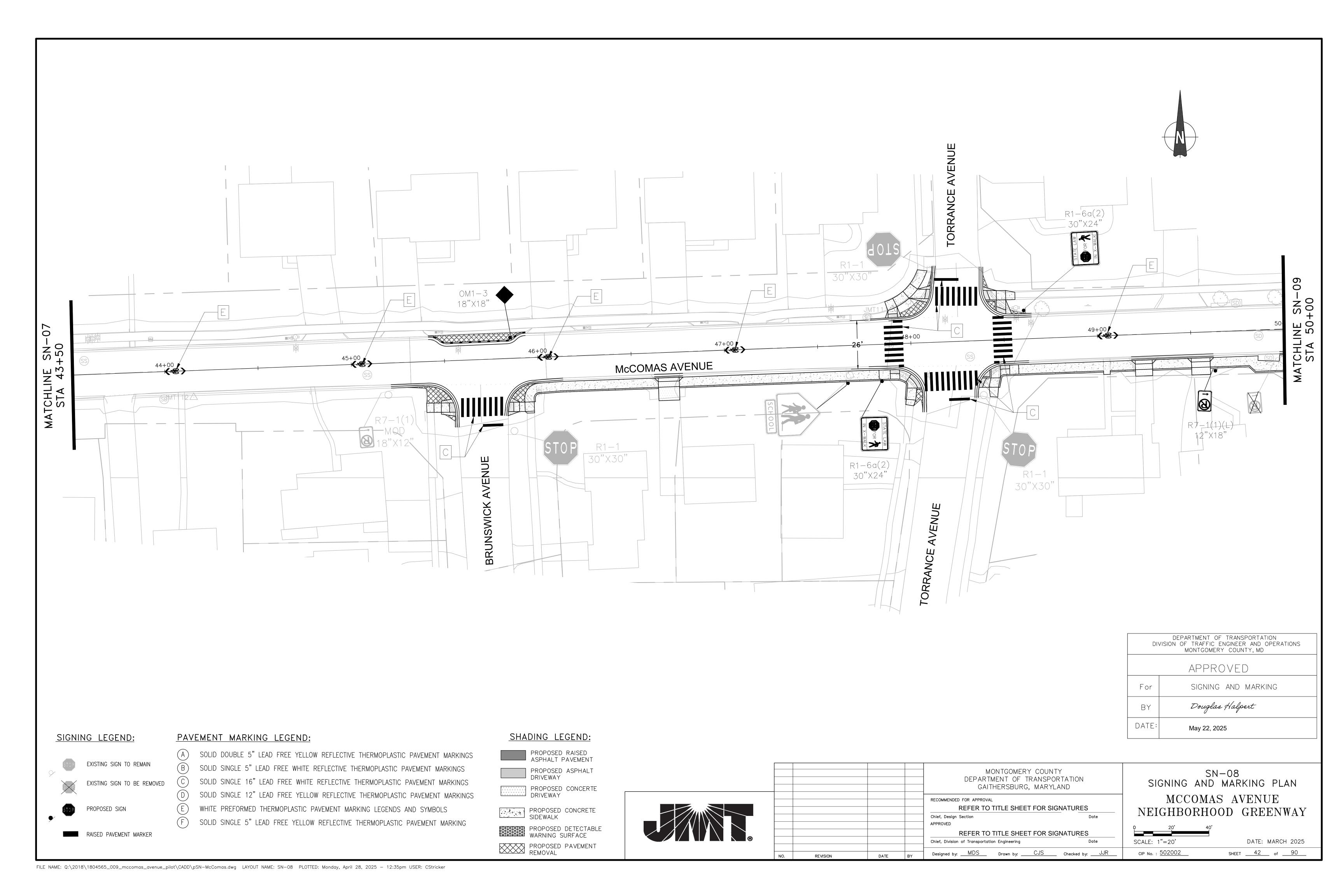


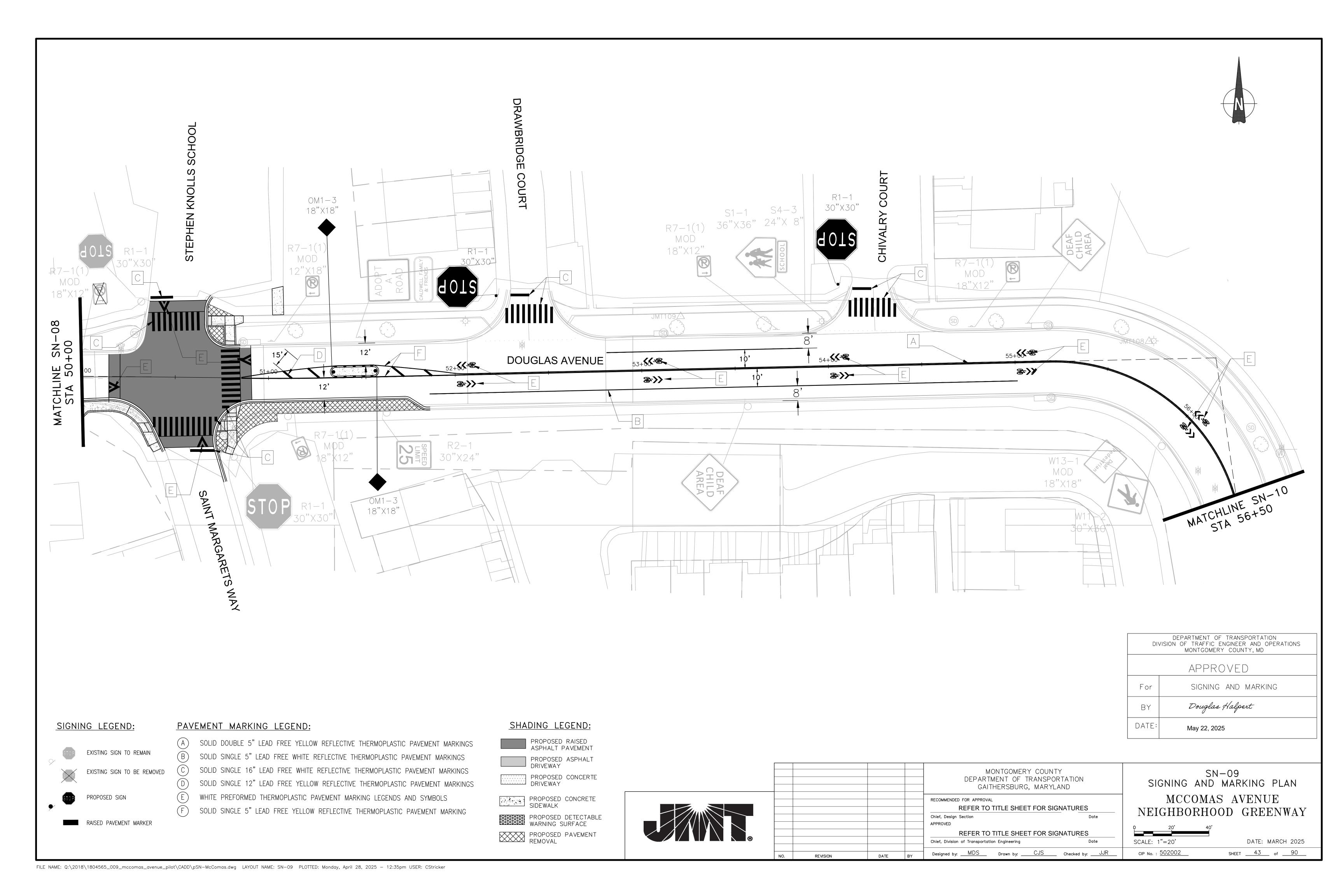


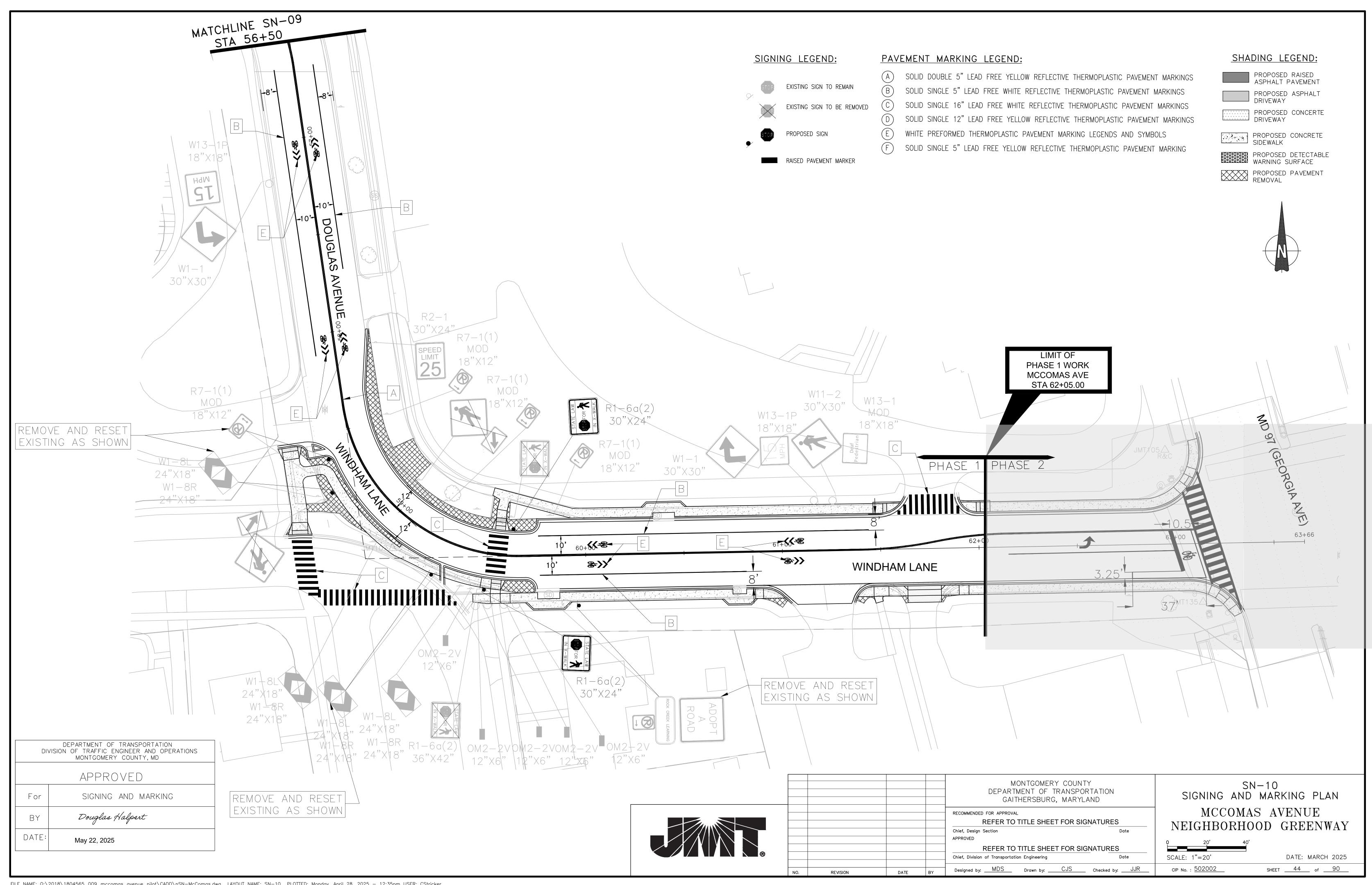


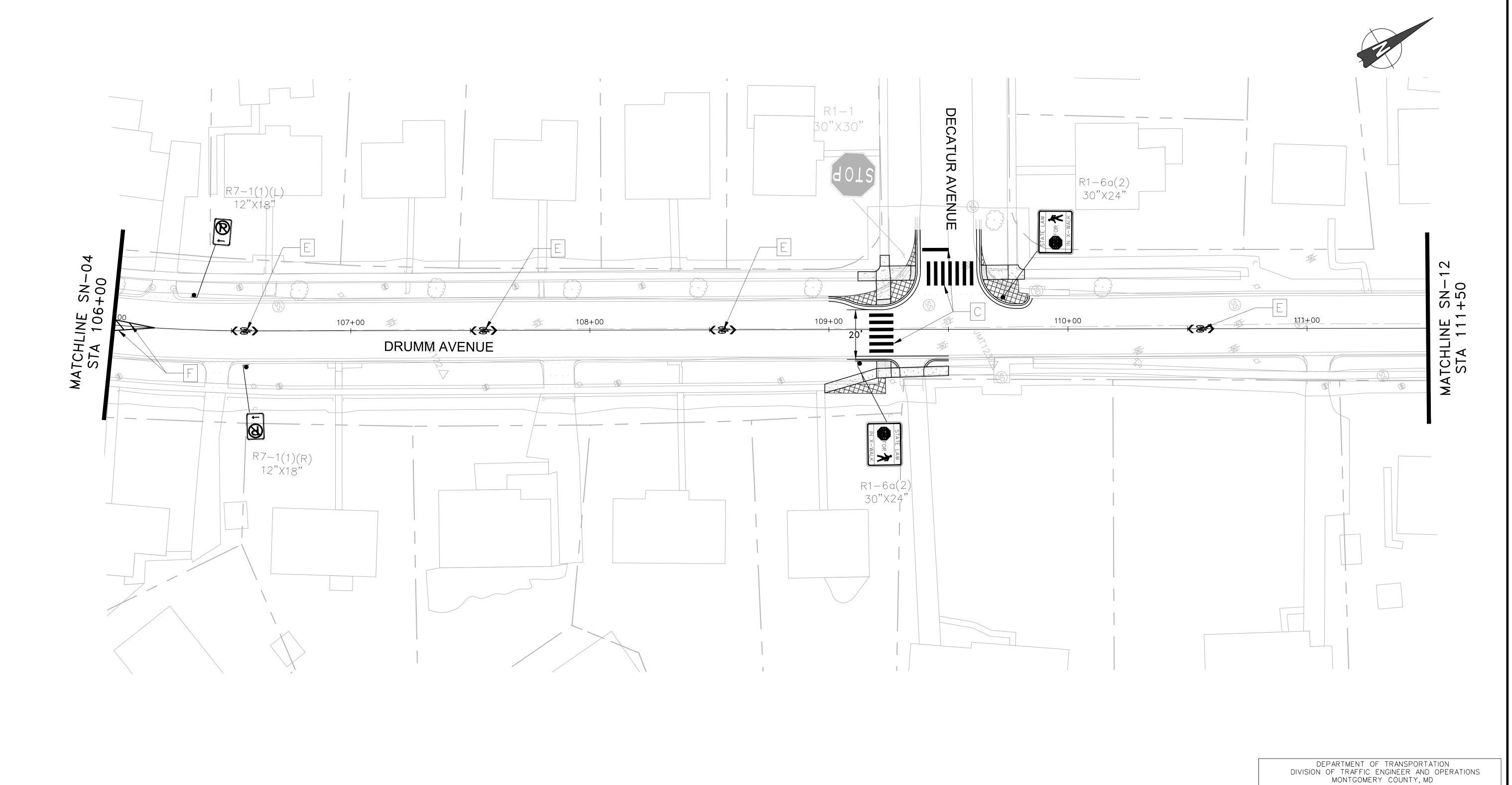












APPROVED SIGNING AND MARKING Douglas Halpert DATE: May 22, 2025

SIGNING LEGEND:

EXISTING SIGN TO REMAIN

EXISTING SIGN TO BE REMOVED



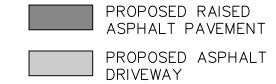
PROPOSED SIGN

RAISED PAVEMENT MARKER

PAVEMENT MARKING LEGEND:

- A SOLID DOUBLE 5" LEAD FREE YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
- B SOLID SINGLE 5" LEAD FREE WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
- C SOLID SINGLE 16" LEAD FREE WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS SOLID SINGLE 12" LEAD FREE YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
- WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS
- SOLID SINGLE 5" LEAD FREE YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKING

SHADING LEGEND:



PROPOSED CONCERTE DRIVEWAY

PROPOSED CONCRETE SIDEWALK

PROPOSED DETECTABLE WARNING SURFACE PROPOSED PAVEMENT REMOVAL



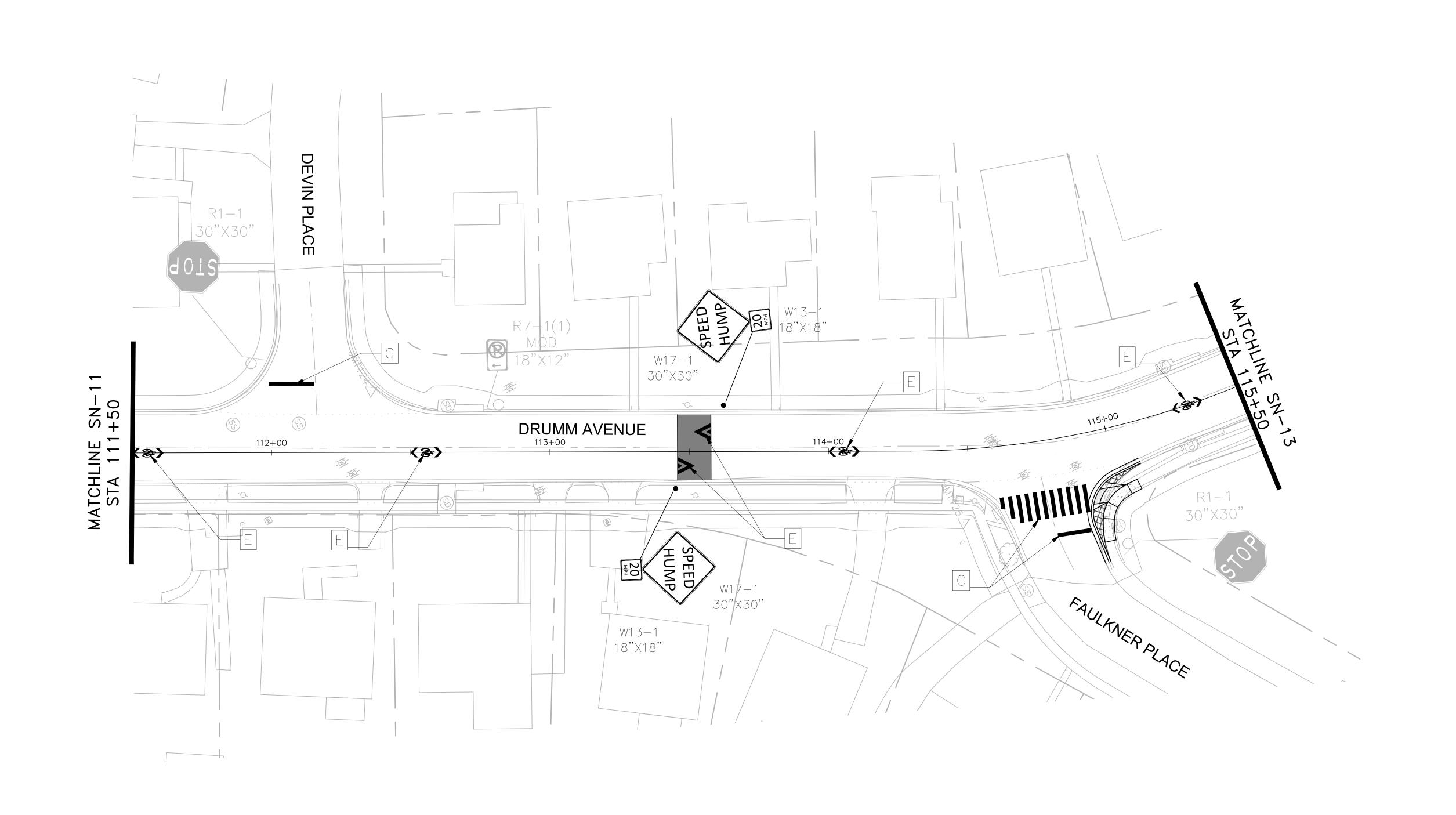
OF TRANSPORTATION URG, MARYLAND
HEET FOR SIGNATURES
Date
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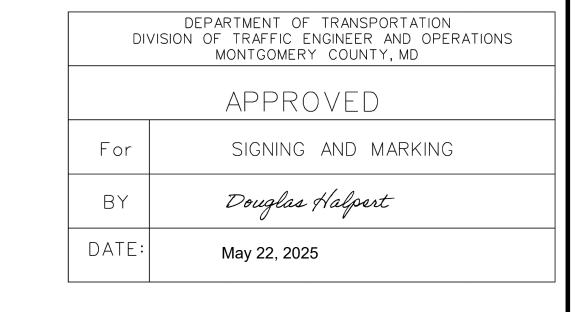
REFER TO TITLE SHEET FOR SIGNATURES Chief, Division of Transportation Engineering

Designed by: MDS Drawn by: CJS Checked by: JJR

SN-11SIGNING AND MARKING PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

	20	•	40' ■					
SCALE:	1"=20	,			DATE:	MARCH	2025	
CIP No.	: 5020	02		SHEET	45	of	90	





SIGNING LEGEND:

EXISTING SIGN TO BE REMOVED

EXISTING SIGN TO REMAIN

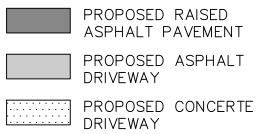


RAISED PAVEMENT MARKER

PAVEMENT MARKING LEGEND:

A SOLID DOUBLE 5" LEAD FREE YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS B SOLID SINGLE 5" LEAD FREE WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS © SOLID SINGLE 16" LEAD FREE WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS SOLID SINGLE 12" LEAD FREE YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS F) SOLID SINGLE 5" LEAD FREE YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKING

SHADING LEGEND:



PROPOSED CONCRETE SIDEWALK

PROPOSED DETECTABLE WARNING SURFACE PROPOSED PAVEMENT REMOVAL

|--|

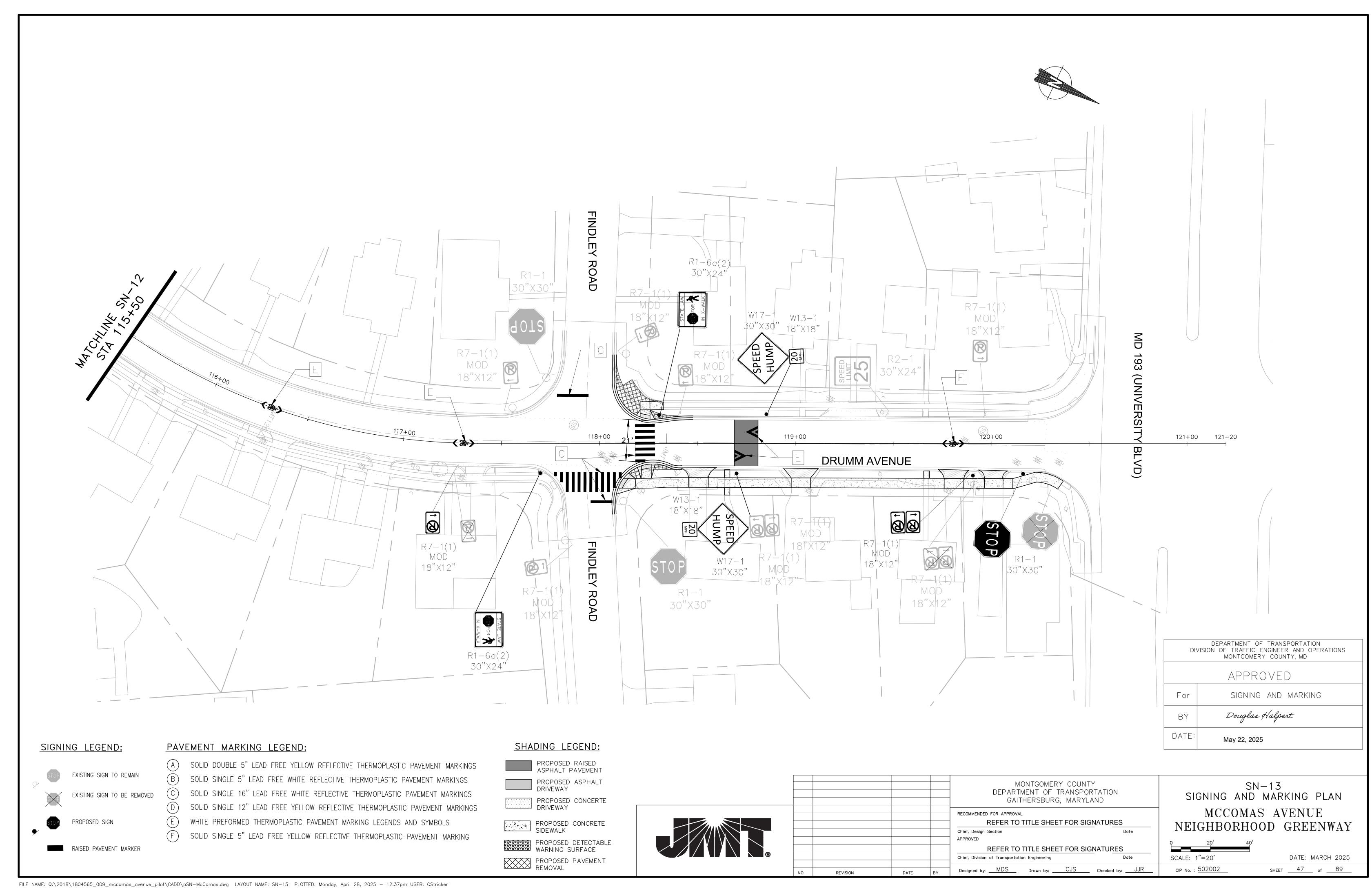
		MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND
		RECOMMENDED FOR APPROVAL REFER TO TITLE SHEET FOR SIGNATURES
		Chief, Design Section Date APPROVED
		REFER TO TITLE SHEET FOR SIGNATURES

Chief, Division of Transportation Engineering

Designed by: MDS Drawn by: CJS Checked by: JJR

SN - 12SIGNING AND MARKING PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

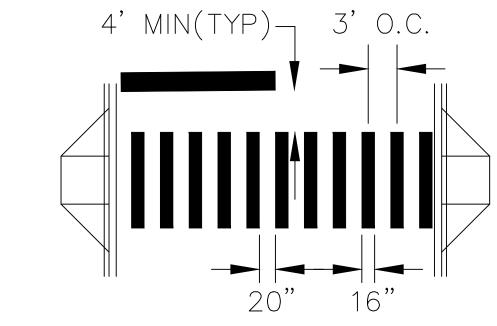
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011 04	REMARKS	LINEAR FEET
SN-01	E INOLI WHITE THERMORIACTIO	
	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	70
	LEGEND AND SYMBOLS	74
SN-02	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	0
	LEGEND AND SYMBOLS	63
SN-03	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	156
	16 INCH WHITE THERMOPLASTIC	185
	LEGEND AND SYMBOLS	93
SN-04	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	437
	16 INCH WHITE THERMOPLASTIC	500
	LEGEND AND SYMBOLS	130
	EEGEND AND STMDGES	100
SN-05	5 INCH WHITE THERMOPLASTIC	75
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	185
	LEGEND AND SYMBOLS	53
SN-06	5 INCH WHITE THERMOPLASTIC	0
214-00		
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	195
	LEGEND AND SYMBOLS	63
_		
SN-07	5 INCH WHITE THERMOPLASTIC	0
514 0/		
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	284
	LEGEND AND SYMBOLS	63
SN-08	5 INCH WHITE THERMOPLASTIC	0
311-08	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	510
_	LEGEND AND SYMBOLS	45
SN-09	5 INCH WHITE THERMOPLASTIC	706.5
	5 INCH YELLOW THERMOPLASTIC	1200
	16 INCH WHITE THERMOPLASTIC	565
	12 INCH YELLOW THERMOPLASTIC	20
_	LEGEND AND SYMBOLS	175
ı		
SN-10		
SN-10	5 INCH WHITE THERMOPLASTIC	1787
SN-10		
SN-10	5 INCH YELLOW THERMOPLASTIC	1594
SN-10	5 INCH YELLOW THERMOPLASTIC 16 INCH WHITE THERMOPLASTIC	1594 690
SN-10	5 INCH YELLOW THERMOPLASTIC	1594
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SN-10 SN-11 SN-12 SN-13	5 INCH YELLOW THERMOPLASTIC 16 INCH WHITE THERMOPLASTIC LEGEND AND SYMBOLS 5 INCH WHITE THERMOPLASTIC 16 INCH WHITE THERMOPLASTIC LEGEND AND SYMBOLS 5 INCH WHITE THERMOPLASTIC 5 INCH YELLOW THERMOPLASTIC 16 INCH WHITE THERMOPLASTIC 16 INCH WHITE THERMOPLASTIC LEGEND AND SYMBOLS 5 INCH WHITE THERMOPLASTIC LEGEND AND SYMBOLS	1594 690 400 0 48 130 36 0 0 110 55
SN-12	5 INCH YELLOW THERMOPLASTIC 16 INCH WHITE THERMOPLASTIC LEGEND AND SYMBOLS 5 INCH WHITE THERMOPLASTIC 16 INCH WHITE THERMOPLASTIC LEGEND AND SYMBOLS 5 INCH WHITE THERMOPLASTIC 5 INCH YELLOW THERMOPLASTIC 16 INCH WHITE THERMOPLASTIC LEGEND AND SYMBOLS 5 INCH WHITE THERMOPLASTIC LEGEND AND SYMBOLS 5 INCH WHITE THERMOPLASTIC 5 INCH WHITE THERMOPLASTIC 16 INCH WHITE THERMOPLASTIC 16 INCH WHITE THERMOPLASTIC LEGEND AND SYMBOLS	1594 690 400 0 48 130 36 0 0 110 55
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			SHEET ALUMINUM
SHEET	REMARKS	SUPPORTS	SIGN (SF)
SN-01			
	R1-1 (30"X30")	SINGLE SQUARE TUBULAR	6.25
	D-3 (24"X8")X4		1.33
	R1-6a(2) (30"X24")	SINGLE SQUARE TUBULAR	5
-	R1-6a(2) (30"X24")	SINGLE SQUARE TUBULAR	5
SN-02	R7-1(1)R	SINGLE SQUARE TUBULAR	1.5
311 02	R7-1(1)L	SINGLE SQUARE TUBULAR	1.5
	1(7)2		1.5
SN-03	R1-3p (18"X6")	EXISTING SUPPORT	.75
	R1-3p (18"X6")	EXISTING SUPPORT	.75
	R1-3p (18"X6")	EXISTING SUPPORT	.75
	R7-1(1)R (12"X8")	SINGLE SQUARE TUBULAR	1.5
	R7-1(1)L (12"X18")	SINGLE SQUARE TUBULAR	1.5
	W11-2 (30"X30")	SINGLE SQUARE TUBULAR	6.25
	W16-9P (24"X12")		2
	OM1-3 (18"X18")	SINGLE SQUARE TUBULAR	2.25
	OM1-3 (18"X18")	SINGLE SQUARE TUBULAR	2.25
	R1-6a(2) (30"X24")	SINGLE SQUARE TUBULAR	5
	R1-6a(2) (30"X24")	SINGLE SQUARE TUBULAR	5
	W11-2 (30"X30")	SINGLE SQUARE TUBULAR	6.25
_	W16-9P (24"X12")		2
SN-04	R1-1 (30"X30")	SINGLE SQUARE TUBULAR	6.25
311-04	R1-3p (18"X6")	SINGLE SQUARE TOBOLAR	.75
-	R1-1 (30"X30")	SINGLE SQUARE TUBULAR	6.25
	R1-3p (18"X6")		.75
	R1-1 (30"X30")	SINGLE SQUARE TUBULAR	6.25
	R1-3p (18"X6")		.75
	R1-1 (30"X30")	SINGLE SQUARE TUBULAR	6.25
	R1-3p (18"X6")		.75
	OM1-3 (18"X18")	SINGLE SQUARE TUBULAR	2.25
	OM1-3 (18"X18")	SINGLE SQUARE TUBULAR	2.25
	OM1-3 (18"X18")	SINGLE SQUARE TUBULAR	2.25
	OM1-3 (18"X18")	SINGLE SQUARE TUBULAR	2.25
	OM1-3 (18"X18")	SINGLE SQUARE TUBULAR	2.25
	OM1-3 (18"X18")	SINGLE SQUARE TUBULAR	2.25
	R7-1(1)R (12"X18)	SINGLE SQUARE TUBULAR	1.5
	R7-1(1)R (12"X18)	SINGLE SQUARE TUBULAR	1.5
-	R7-1(1)R (12"X18)	SINGLE SQUARE TUBULAR	1.5
	R7-1(1)L (12"X18)	SINGLE SQUARE TUBULAR	1.5
-	R7-1(1)L (12"X18)	SINGLE SQUARE TUBULAR	1.5
-	R7-1(1)L (12"X18)	SINGLE SQUARE TUBULAR	1.5
SNI OE	R1-6a(2) (30"X24")	SINGLE SQUARE TUBULAR	5
SN-05	R1-6a(2) (30"X24") R1-6a(2) (30"X24")	SINGLE SQUARE TUBULAR	5
-	NI OU(2) (30 A24)	SHOLL SQUARE TOBOLAR	<u> </u>
SN-06	R7-1(1)L (12"X18")	SINGLE SQUARE TUBULAR	1.5
	R7-1(1)L (12"X18")	SINGLE SQUARE TUBULAR	1.5
	R7-1(1)R (12"X18")	SINGLE SQUARE TUBULAR	1.5
-	R7-1(1)R (12"X18")	SINGLE SQUARE TUBULAR	1.5
SN-07	OM1-3 (18"X18")	SINGLE SQUARE TUBULAR	2.25
	OM1-3 (18"X18")	SINGLE SQUARE TUBULAR	2.25
,			

SHEET	REMARKS	SUPPORTS	SHEET ALUMINUM SIGN (SF)
SN-08	R1-6a(2) (30"X24")	SINGLE SQUARE TUBULAR	5
Ī	R1-6a(2) (30"X24")	SINGLE SQUARE TUBULAR	5
	R7-1(1) (12"X18")	SINGLE SQUARE TUBULAR	1.5
	OM1-3 (18"X18")	SINGLE SQUARE TUBULAR	2.25
SN-09	OM1-3 (18"X18")	SINGLE SQUARE TUBULAR	2.25
	OM1-3 (18"X18")	SINGLE SQUARE TUBULAR	2.25
SN-10	R1-6a(2) (30"x24")	SINGLE SQUARE TUBULAR	5
	R1-6a(2) (30"x24")	SINGLE SQUARE TUBULAR	5
	R1-1 (30"x30")	SINGLE SQUARE TUBULAR	6.25
	R1-1 (30"x30")	SINGLE SQUARE TUBULAR	6.25
SN-11	R7-1(1)L (12"X18")	SINGLE SQUARE TUBULAR	1.5
	R7-1(1)R (12"X18")	SINGLE SQUARE TUBULAR	1.5
	R1-6a(2) (30"X24")	SINGLE SQUARE TUBULAR	5
	R1-6a(2) (30"X24")	SINGLE SQUARE TUBULAR	5
SN-12	W17-1 MOD (30"X30")	SINGLE SQUARE TUBULAR	6.25
+	W13-1 (18"X18")		2.25
+	W17-1 MOD (30"X30")	SINGLE SQUARE TUBULAR	6.25
+	W13-1 (18"X18")		2.25
SN-13	W17-1 (30"X30")	SINGLE SQUARE TUBULAR	6.25
	W13-1 (18"X18")		2.25
	R7-1(1) (18"X12")	SINGLE SQUARE TUBULAR	1.5
	R7-1(1) (18"X12")	SINGLE SQUARE TUBULAR	1.5
	R7-1(1) (18"X12")	SINGLE SQUARE TUBULAR	1.5
Ī	W17-1 (30"X30")	SINGLE SQUARE TUBULAR	6.25
Ī	W13-1 (18"X18")		2.25
Ī	R1-6a(2) (30"X24")	SINGLE SQUARE TUBULAR	5
Ī	R1-6a(2) (30"X24")	SINGLE SQUARE TUBULAR	5
TOTAL		77	224



LADDER BAR CROSSWALK DETAIL

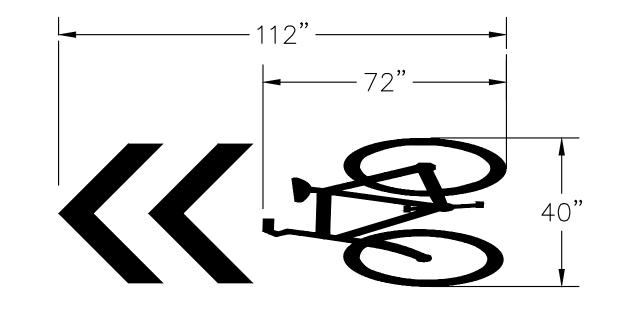
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DIVISION OF TRAFFIC ENGINEER AND OPERATIONS
MONTGOMERY COUNTY, MD

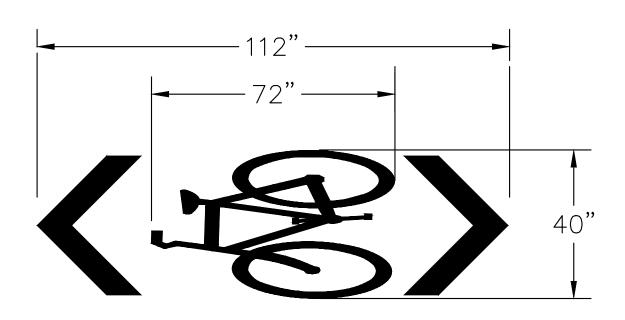
APPROVED

For SIGNING AND MARKING

BY Douglas Halpert

DATE: May 22, 2025





SHARROW DETAILS NTS



	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND
	REFER TO TITLE SHEET FOR SIGNATURES
	Chief, Design Section Date APPROVED
	REFER TO TITLE SHEET FOR SIGNATURES

Chief, Division of Transportation Engineering

Designed by: MDS Drawn by: CJS Checked by: JJR

SN-14
SIGNING AND MARKING QUANTITY

MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20' DATE: MARCH 2025

CIP No.: 502002 SHEET 48 of 90

MAINTENANCE OF TRAFFIC NOTES:

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE MOST RECENT MONTGOMERY COUNTY WORK ZONE TRAFFIC CONTROL STANDARDS BOOK, THE MARYLAND STATE HIGHWAY WORK ZONE TRAFFIC CONTROL TYPICALS IN CATEGORY 1 OF THE BOOK OF STANDARDS, THE 2011 MD MUTCD AND SUBSEQUENT REVISIONS ADOPTED BY THE STATE OF MARYLAND, THESE PLANS, AND OTHER CONTRACT DOCUMENTS.
- 2. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN TRAFFIC CONTROL SIGNS AND DEVICES. THE CONTRACTOR SHALL MAINTAIN TRAFFIC DURING HOURS OF CONSTRUCTION IN ACCORDANCE WITH THE METHOD OF TRAFFIC CONTROL SHOWN ON THESE DRAWINGS, OTHER CONTRACT DOCUMENTS, AND THE 2011 MD MUTCD AND SUBSEQUENT REVISIONS.
- 3. ALL TEMPORARY SIGNS FOR MAINTENANCE OF TRAFFIC SHALL BE PER MONTGOMERY COUNTY STANDARD TCP-100.01 AND SECTION 4.0 SIGNS OF THE MDSHA GENERAL NOTES FOR TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATIONS (TTCTA) AS SHOWN ON MDSHA STD DETAIL 104.00-06 TO MDSHA STD 104.00-08. SIGNS SHALL BE MOUNTED PER SECTION 4.0 OF THE TTCTA AND AS SHOWN ON MDSHA STD 104.01-17A TO MDSHA STD 104.01-17D OR AS OTHERWISE SHOWN ON THESE PLANS OR AS DIRECTION BY THE ENGINEER.
- 4. NO WORK IS TO BEGIN UNTIL ALL ADVANCE WARNING SIGNS, DRUMS, BARRIER, AND PAVEMENT MARKINGS ARE IN PLACE AND OPERATIONAL, AS APPROVED BY THE ENGINEER.
- 5. CONSTRUCTION WARNING SIGNS ABOUT SPECIFIC AREAS AND TYPE OF CONSTRUCTION WILL BE PLACED AS DIRECTED BY THE ENGINEER.
- 6. ALL EXISTING SIGNS AND PAVEMENT MARKINGS SHALL BE MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION UNLESS A CHANGE IS SHOWN ON THE PLAN AND/OR AS DIRECTED BY THE ENGINEER.
- 7. ACCESS SHALL BE PROVIDED/ MAINTAINED TO ALL DRIVEWAYS AND CROSS STREETS AT ALL TIMES, COORDINATION WITH PROPERTY OWNER REQUIRED FOR A CLOSURE.
- 8. FLAGGERS SHALL BE MARYLAND STATE HIGHWAY ADMINISTRATION OR AATSA APPROVED FLAGGERS AND SHALL BE USED AT THE DIRECTION OF THE MONTGOMERY COUNTY INSPECTOR.
- 9. RADIO COMMUNICATION SHALL BE REQUIRED BETWEEN FLAGGERS AT THE DISCRETION OF THE MONTGOMERY COUNTY INSPECTOR OR IF THE FLAGGERS CANNOT SEE EACH OTHER AND/OR THE LANE CLOSURE EXCEEDS 200 FEET.
- 10. THE CONTRACTOR SHALL CONTACT MONTGOMERY COUNTY TMC AT 240-777-2100, 72 HOURS PRIOR TO STARTING ALL WORK.
- 11. ROADWAY TO BE OPEN TO 2-WAY TRAFFIC (NORMAL CONDITIONS) AT END OF WORK DAY. DRUMS SHALL PROTECT THE WORK ZONE DURING NON-WORK HOURS AND SHALL BE RESET ACCORDING TO THE STANDARDS LISTED IN THE SEQUENCE OF CONSTRUCTION NOTED ON THIS PLAN DURING WORK HOURS.
- 12. TEMPORARY MOT SIGNAGE / ADVANCE WARNING SIGNS SHALL BE INCLUDED IN LUMP SUM COST FOR MAINTENANCE OF TRAFFIC.

SEQUENCE OF CONSTRUCTION:

STAGE A:

- 1. PLACE MAINTENANCE OF TRAFFIC ITEMS AS INDICATED ON THE PLANS. ESTABLISH APPLICABLE SEDIMENT AND EROSION CONTROL MEASURES
- 2. UTILIZE FLAGGING OPERATION PER MCDOT STANDARD TTCP-105.01 'FLAGGING CONTROL AT 4-LEG INTERSECTION' TO CLOSE EASTBOUND LANE OF MCCOMAS AVE AS SHOWN ON THE STAGE ONE MOT PLANS.
- 3. UTILIZE FLAGGING OPERATION PER MCDOT STANDARD TTCP—102.02 'FLAGGING CONTROL NON—INTERSECTION', TTCP—105.01 'FLAGGING AT 4—LEG INTERSECTION', AND TTCP—105.03 'FLAGGING CONTROL AT 3 LEG INTERSECTION' AS SHOWN ON DRAWINGS.
- 4. CONSTRUCT PROPOSED IMPROVEMENTS ALONG EASTBOUND MCCOMAS AVE AND NORTHBOUND DRUMM AVE AS SHOWN ON THE PLANS.
- 5. MAINTAIN A MINIMUM OF ONE 10' TRAVEL LANE AT ALL TIMES.

STAGE B:

- 1. PLACE MOT ITEMS AS SHOWN ON THE STAGE B MOT PLANS.
- 2. UTILIZE FLAGGING OPERATION PER MCDOT STANDARD TTCP-102.02 'FLAGGING CONTROL NON-INTERSECTION' AS SHOWN ON STAGE TWO MOT DRAWINGS TO CLOSE WESTBOUND LANE.
- 3. UTILIZE FLAGGING OPERATION PER MCDOT STANDARD TTCP-105.01 'FLAGGING CONTROL AT 4-LEG INTERSECTION' TO CLOSE WESTBOUND LANE OF MCCOMAS AVE AND SOUTHBOUND DRUMM AVE AS SHOWN ON THE STAGE B MOT PLANS.
- 5. MAINTAIN A MINIMUM OF ONE 10' TRAVEL LANE AT ALL TIMES.

STAGE C:

REVISION

- 1. PERFORM RAISED ASPHALT PAVING AS SHOWN ON ROADWAY PLANS USING FLAGGING OPERATION PER MCDOT STANDARD TTCP.102.02 'FLAGGING CONTROL NON-INTERSECTION' AND TTCP 105.01 'FLAGGING AT 4-LEG INTERSECTION'.
- 2. CLEAN SITE AND REMOVE ALL EROSION AND SEDIMENT CONTROL AND MAINTENANCE OF TRAFFIC ITEMS.

PEDESTRIAN MAINTENANCE OF TRAFFIC NOTES:

- 1. FOR LOCATIONS WITHIN THE PROJECT LIMITS THAT HAVE EXISTING PEDESTRIAN FACILITIES, ENSURE THAT A SAFE ROUTE FOR PEDESTRIANS IS AVAILABLE AT ALL TIMES DURING CONSTRUCTION. MINIMIZE DURATION OF SIDEWALK CLOSURES.
- 2. SIDEWALK CLOSURE SIGNS TO BE INSTALLED PER TTCP-107.01.01 AND TTCP-107.01.02 FOR ALL ACTIVE CONSTRUCTION ZONES THAT CONNECT TO EXISTING PEDESTRIAN FACILITIES.
- 3. UTILIZE AN ADDITIONAL FLAGGER TO DIRECT PEDESTRIAN MOVEMENTS DURING CONSTRUCTION AT LOCATIONS NOTED ON THE PLANS AND AT THE DIRECTION OF THE COUNTY ENGINEER.
- 4. CONTRACTOR TO ENSURE A SAFE ACCESSIBLE PATH IS AVAILABLE TO PEDESTRIANS AT THE END OF EACH WORK DAY.

DIV	DEPARTMENT OF TRANSPORTATION DIVISION OF TRAFFIC ENGINEER AND OPERATIONS MONTGOMERY COUNTY, MD			
	APPROVED			
For	MAINTENANCE OF TRAFFIC			
BY	Stella Agbinedion			
DATE:	06/04/2025			



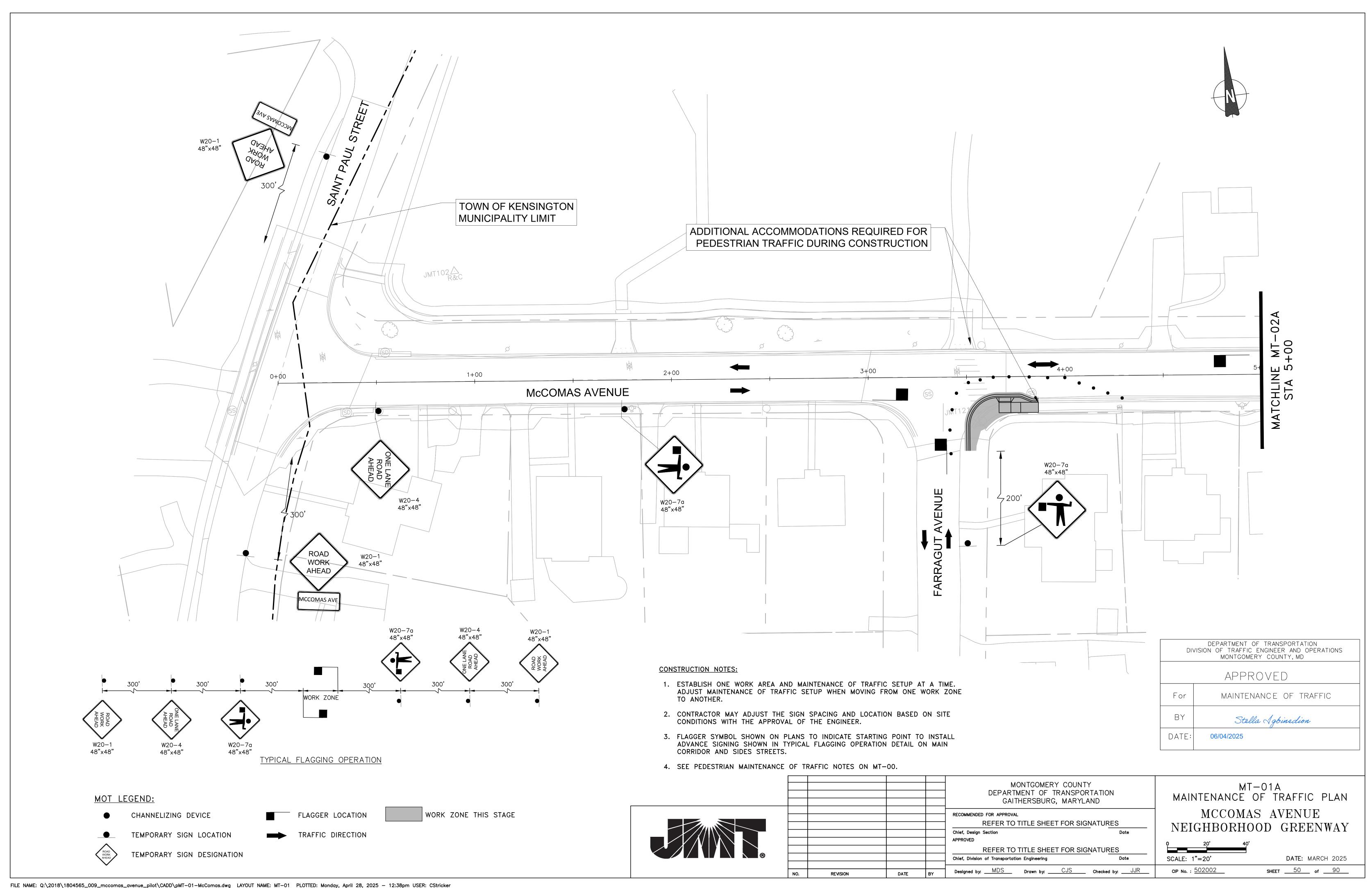
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND
REFER TO TITLE SHEET FOR SIGNATURES
Chief, Design Section Date APPROVED REFER TO TITLE SHEET FOR SIGNATURES
Chief, Division of Transportation Engineering Date

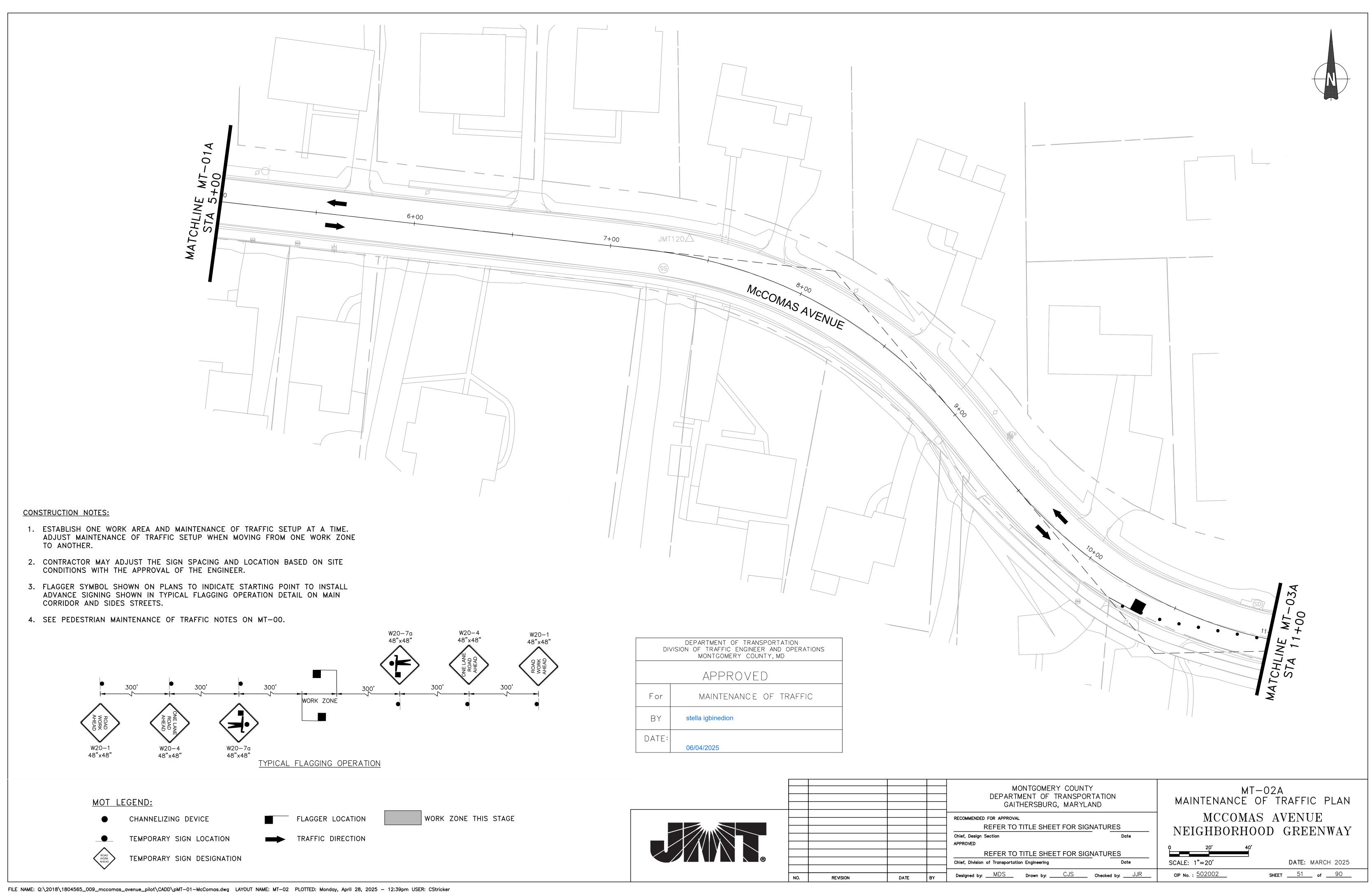
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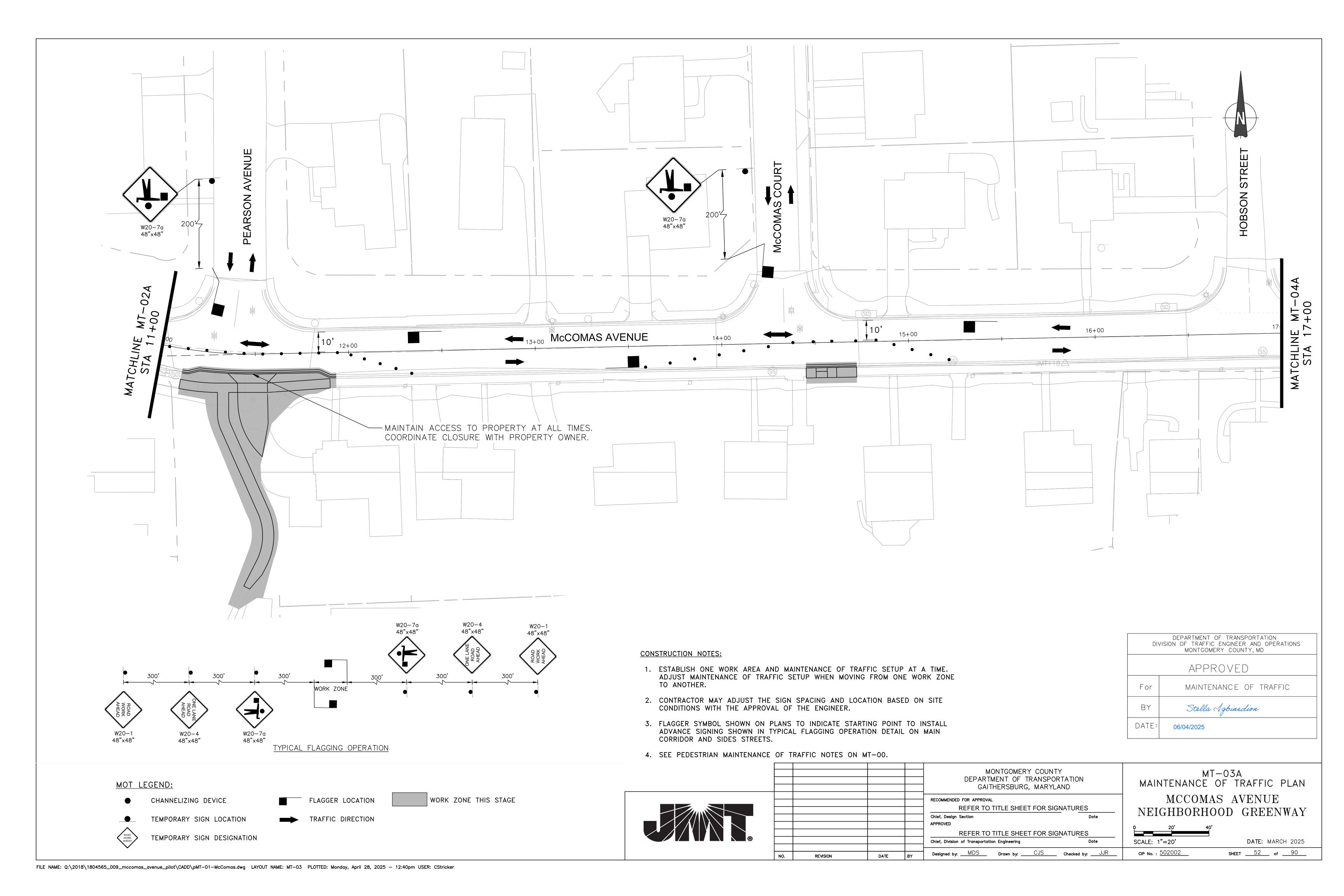
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MAINTENANCE OF TRAFFIC NOTE
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

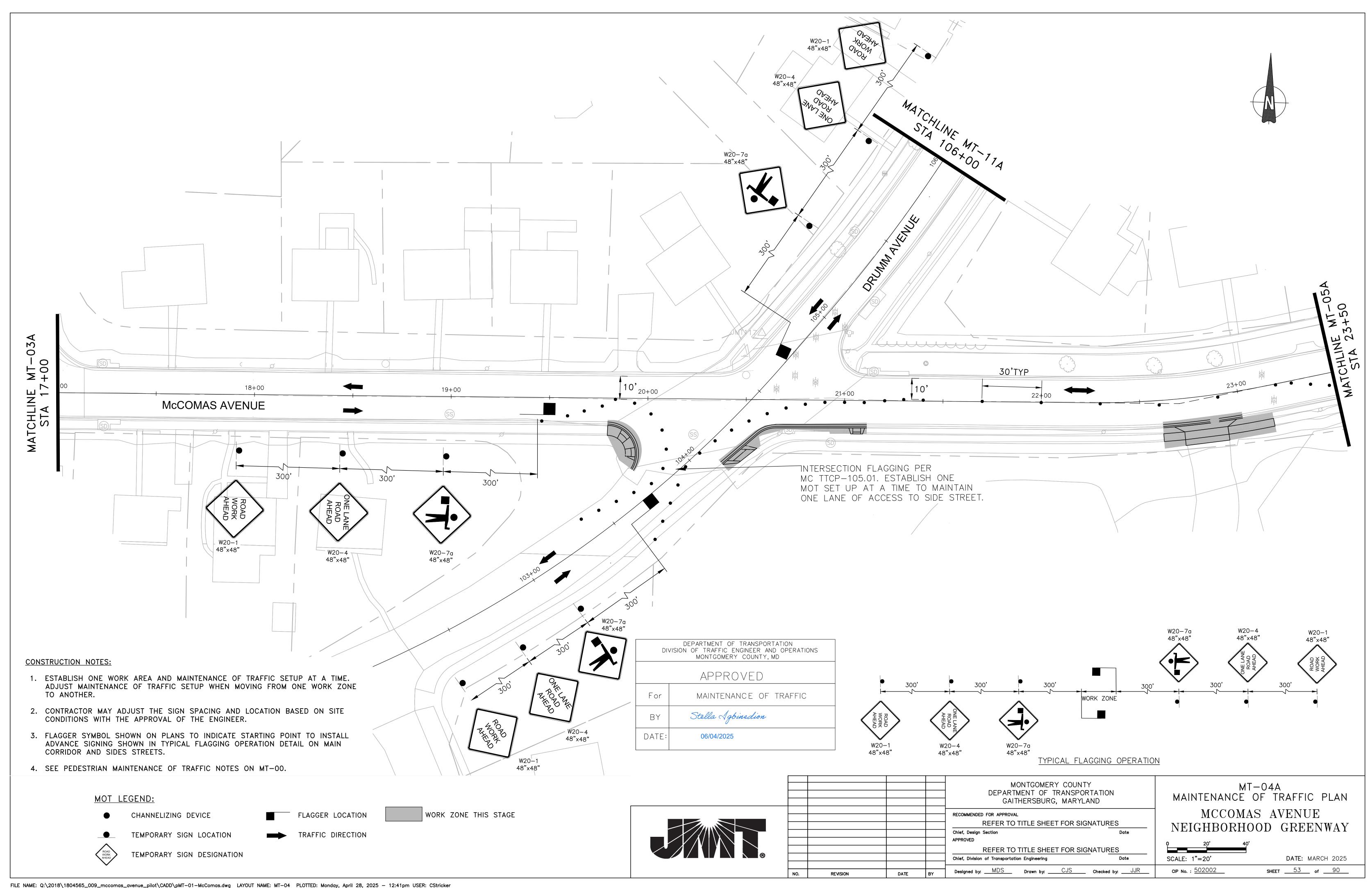
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 MARCH 2025

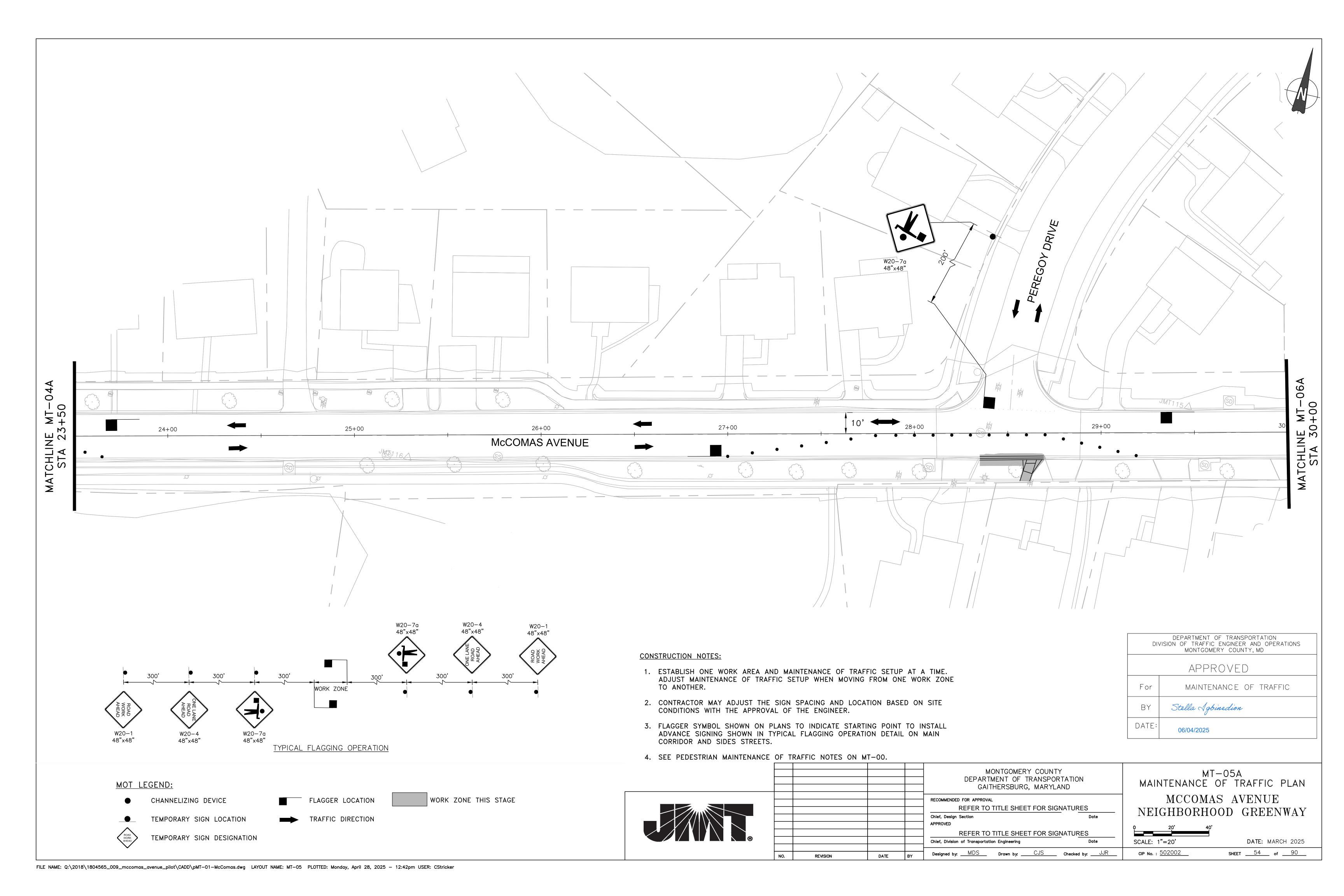
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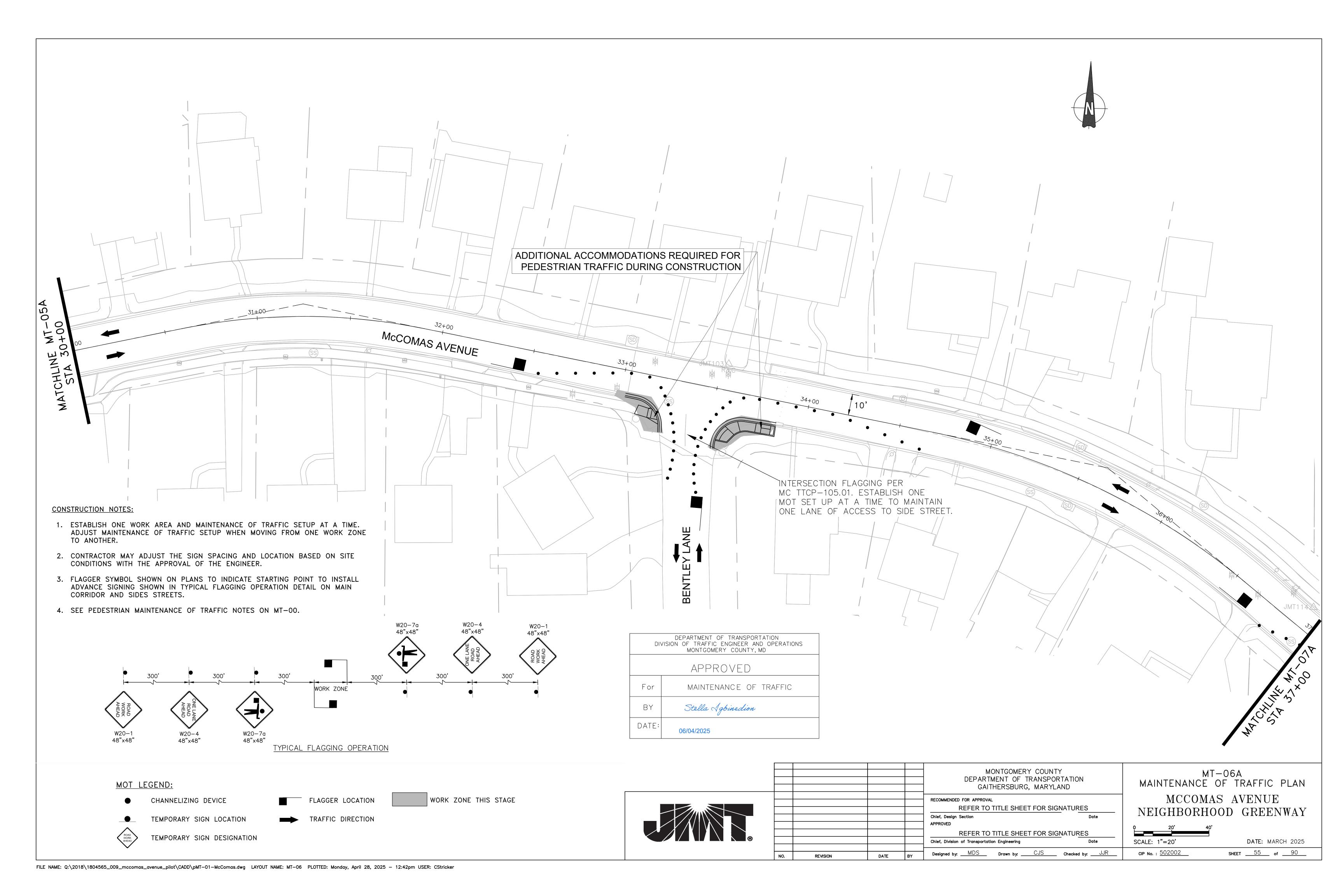


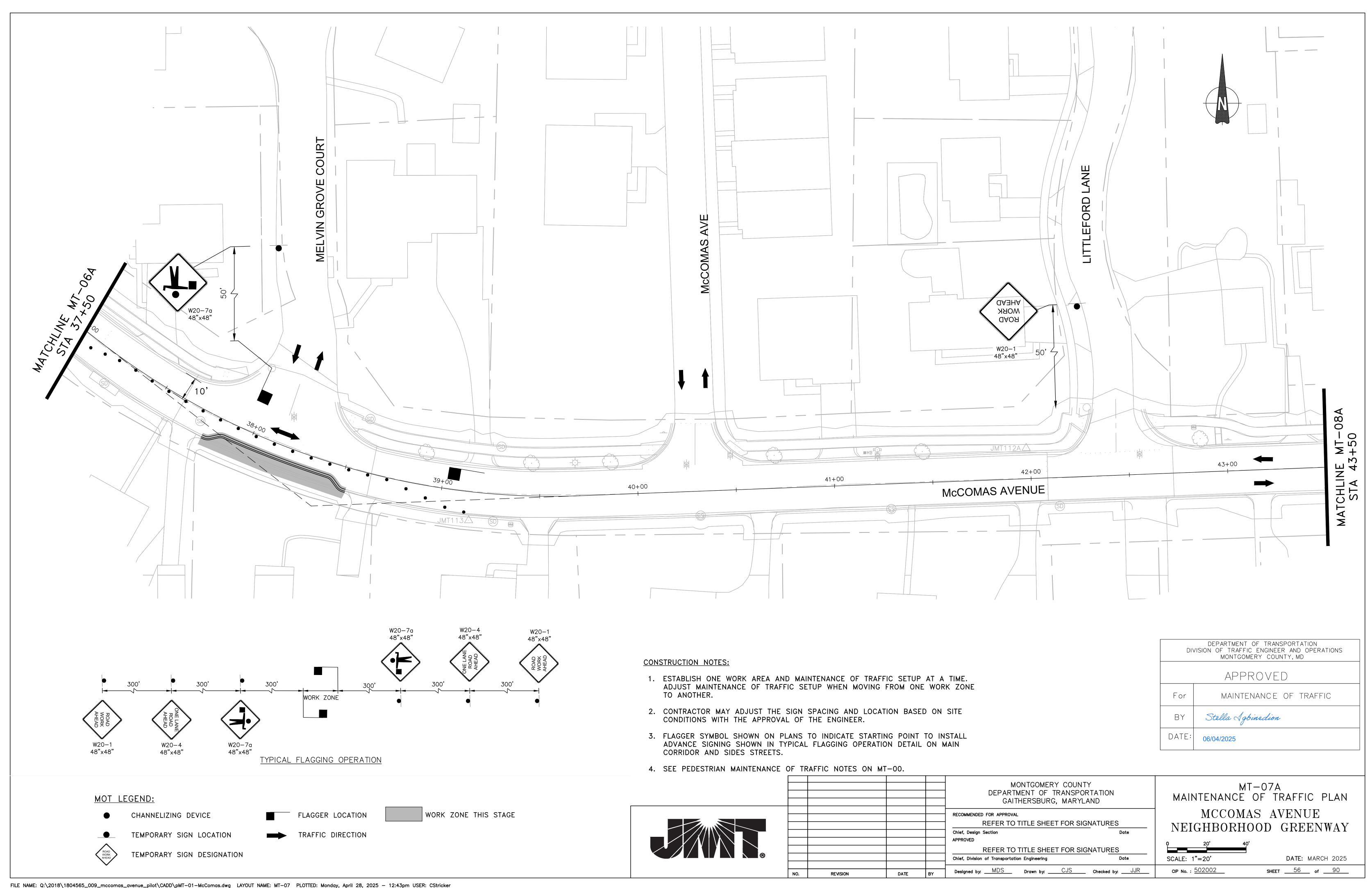


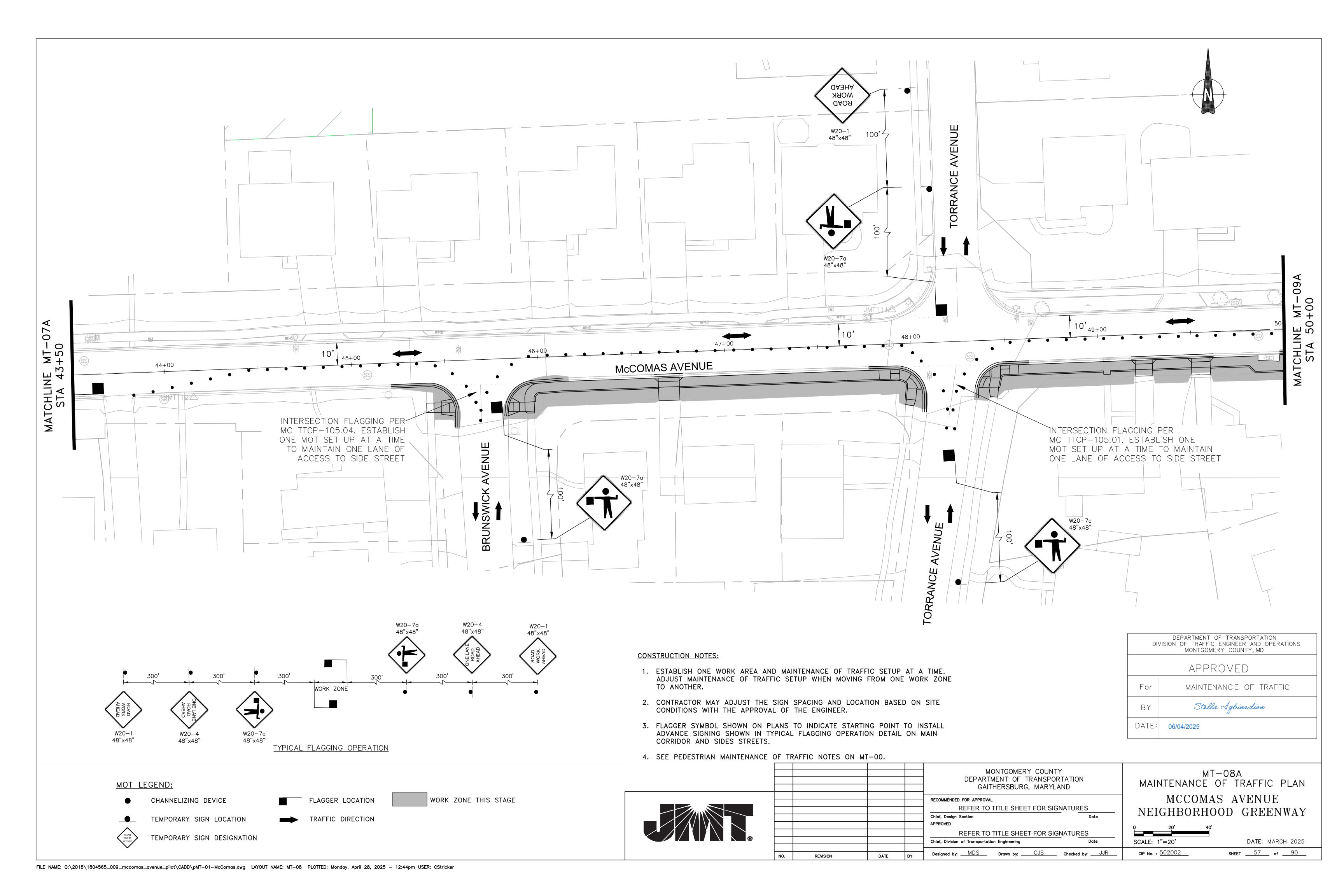


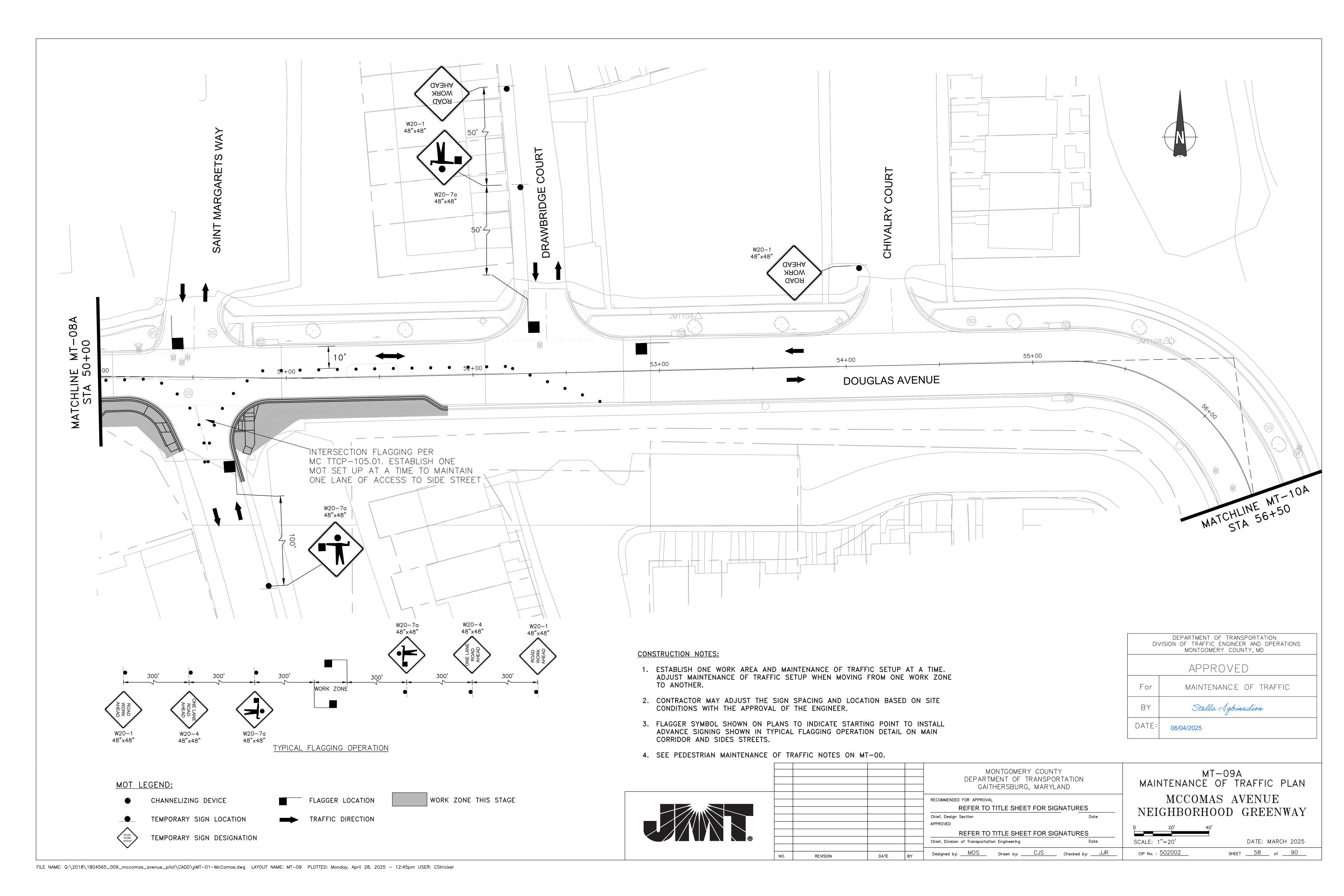


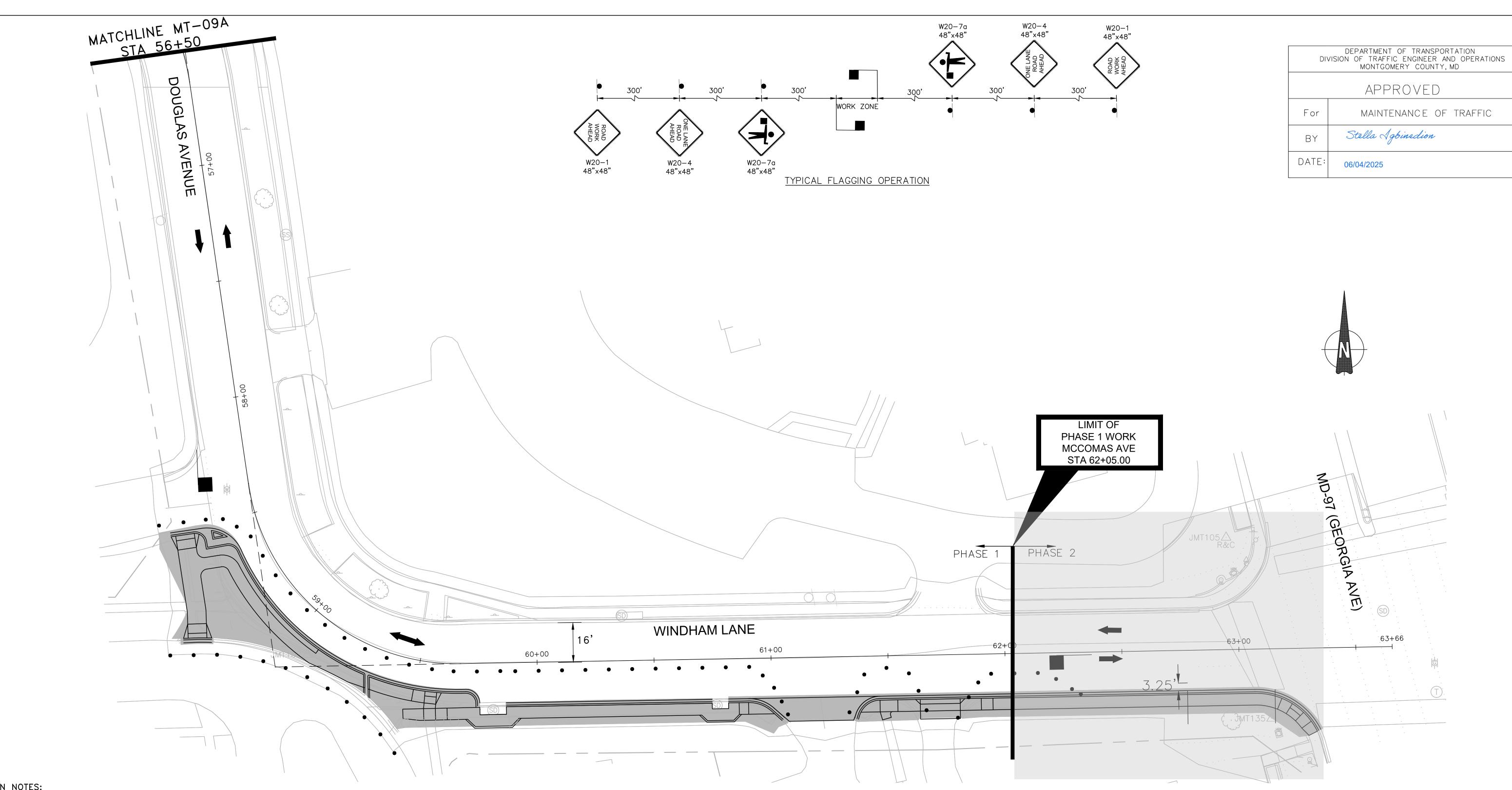








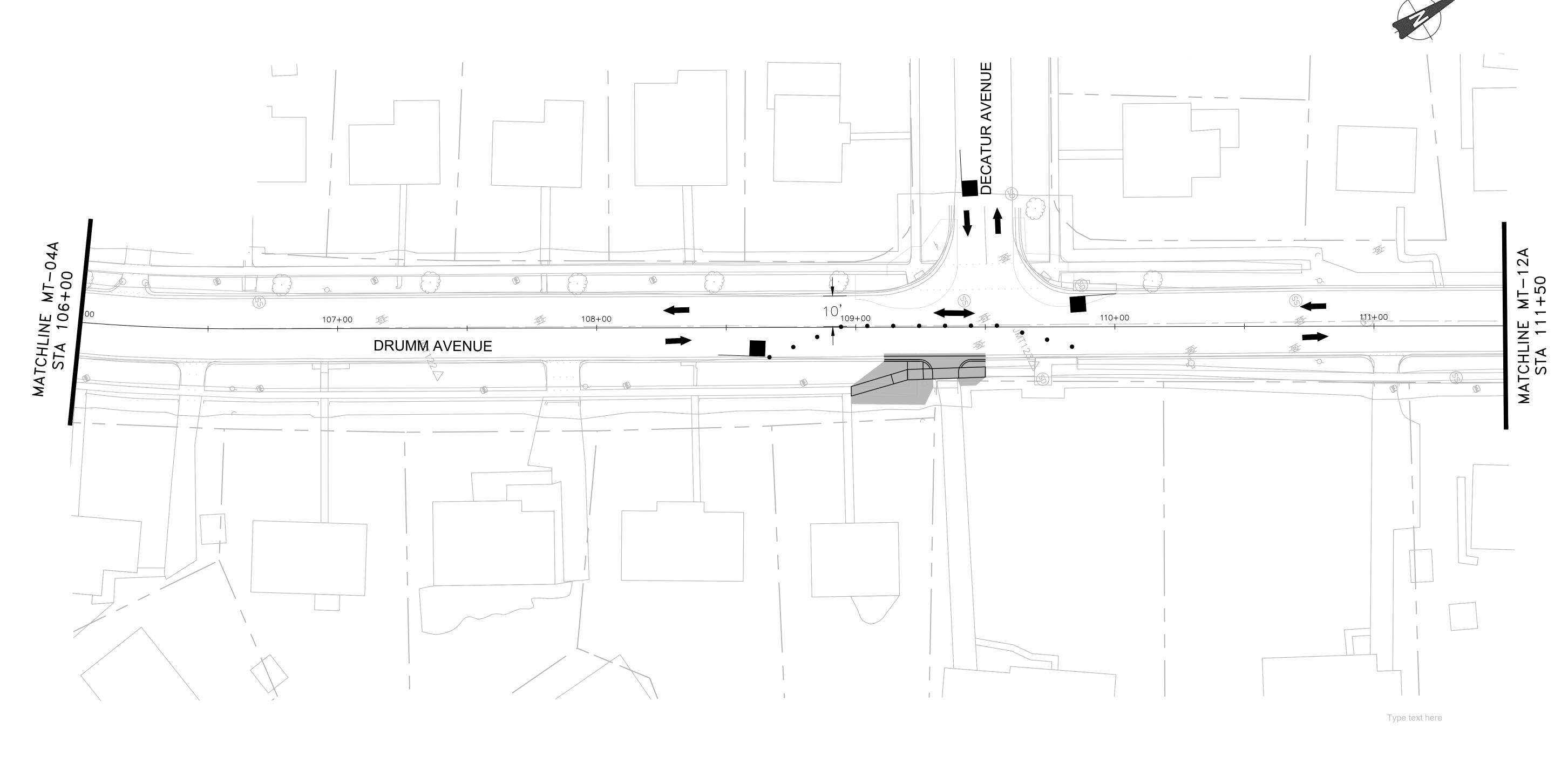


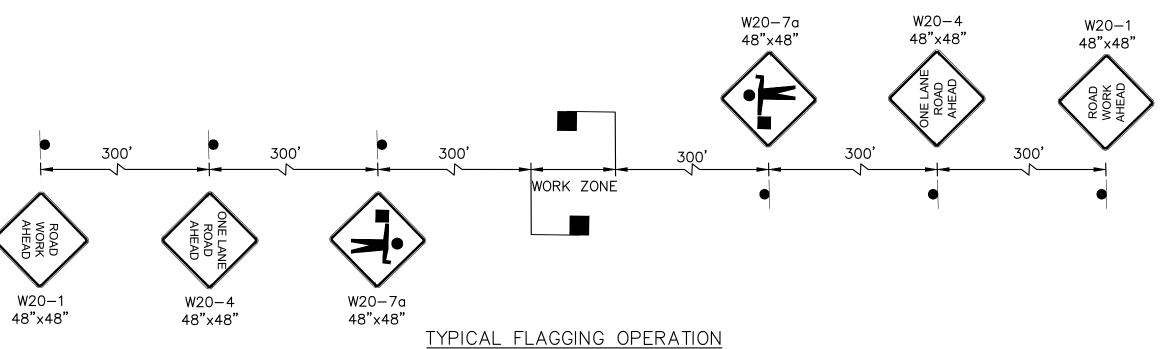


CONSTRUCTION NOTES:

- 1. ESTABLISH ONE WORK AREA AND MAINTENANCE OF TRAFFIC SETUP AT A TIME.
 ADJUST MAINTENANCE OF TRAFFIC SETUP WHEN MOVING FROM ONE WORK ZONE
 TO ANOTHER.
- 2. CONTRACTOR MAY ADJUST THE SIGN SPACING AND LOCATION BASED ON SITE CONDITIONS WITH THE APPROVAL OF THE ENGINEER.
- 3. FLAGGER SYMBOL SHOWN ON PLANS TO INDICATE STARTING POINT TO INSTALL ADVANCE SIGNING SHOWN IN TYPICAL FLAGGING OPERATION DETAIL ON MAIN CORRIDOR AND SIDES STREETS.
- 4. SEE PEDESTRIAN MAINTENANCE OF TRAFFIC NOTES ON MT-00.







CONSTRUCTION NOTES:

- 1. ESTABLISH ONE WORK AREA AND MAINTENANCE OF TRAFFIC SETUP AT A TIME. ADJUST MAINTENANCE OF TRAFFIC SETUP WHEN MOVING FROM ONE WORK ZONE TO ANOTHER.
- 2. CONTRACTOR MAY ADJUST THE SIGN SPACING AND LOCATION BASED ON SITE CONDITIONS WITH THE APPROVAL OF THE ENGINEER.
- 3. FLAGGER SYMBOL SHOWN ON PLANS TO INDICATE STARTING POINT TO INSTALL ADVANCE SIGNING SHOWN IN TYPICAL FLAGGING OPERATION DETAIL ON MAIN CORRIDOR AND SIDES STREETS.
- 4. SEE PEDESTRIAN MAINTENANCE OF TRAFFIC NOTES ON MT-00.

DEPARTMENT OF TRANSPORTATION ISION OF TRAFFIC ENGINEER AND OPERATIONS MONTGOMERY COUNTY, MD
APPROVED
MAINTENANCE OF TRAFFIC
Type Stellar Spinsdion
06/04/2025

MOT LEGEND:					
•	CHANNELIZING DEVICE		FLAGGER LOCATION	WORK ZONE THIS STAGE	
	TEMPORARY SIGN LOCATION	-	TRAFFIC DIRECTION		
ROAD WORK AHEAD	TEMPORARY SIGN DESIGNATION				

NO.

	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND
	RECOMMENDED FOR APPROVAL REFER TO TITLE SHEET FOR SIGNATURES
	Chief, Design Section Date APPROVED
	REFER TO TITLE SHEET FOR SIGNATURES

Chief, Division of Transportation Engineering

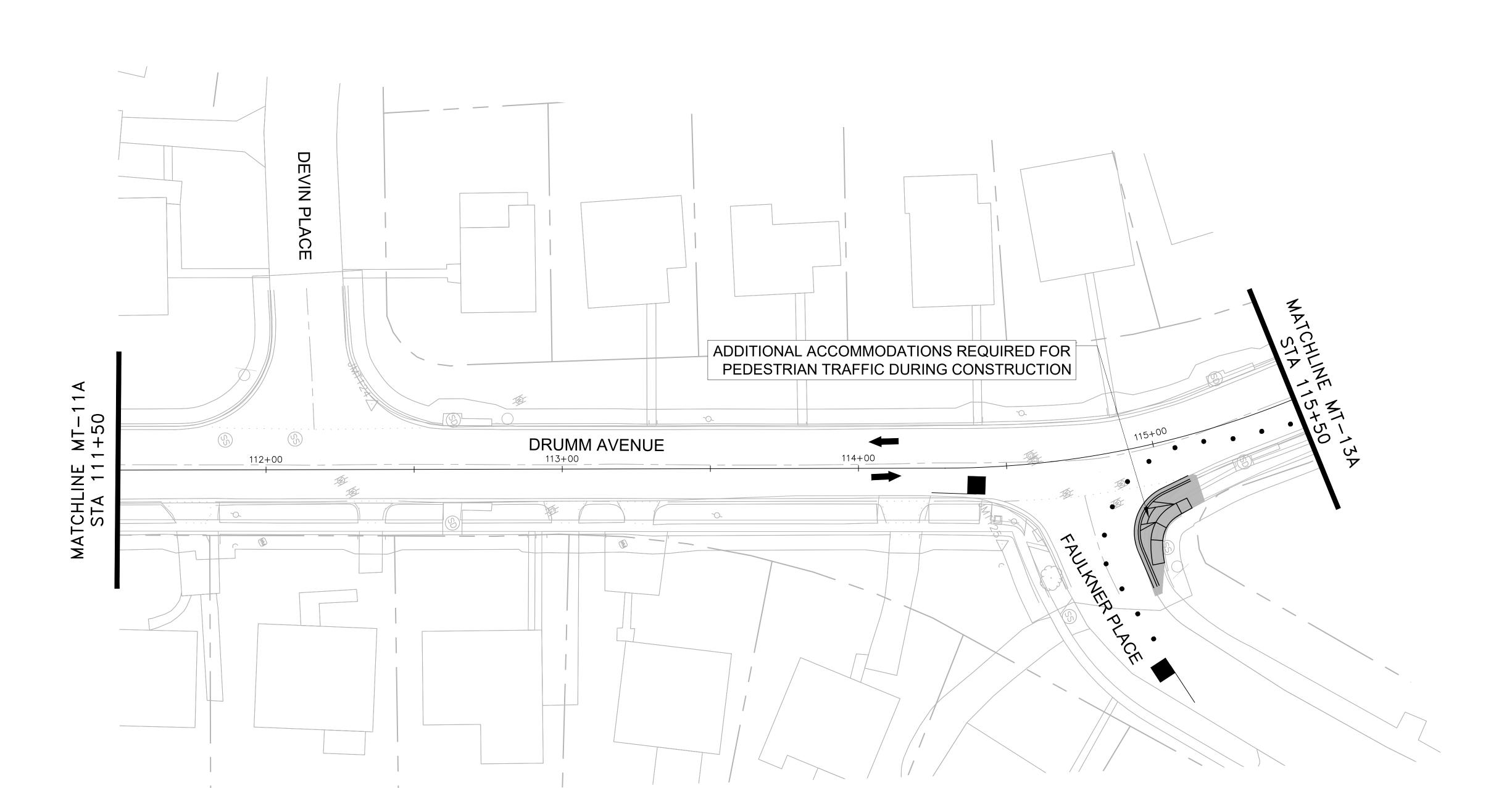
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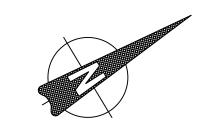
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MAINTENANCE OF TRAFFIC PLAN

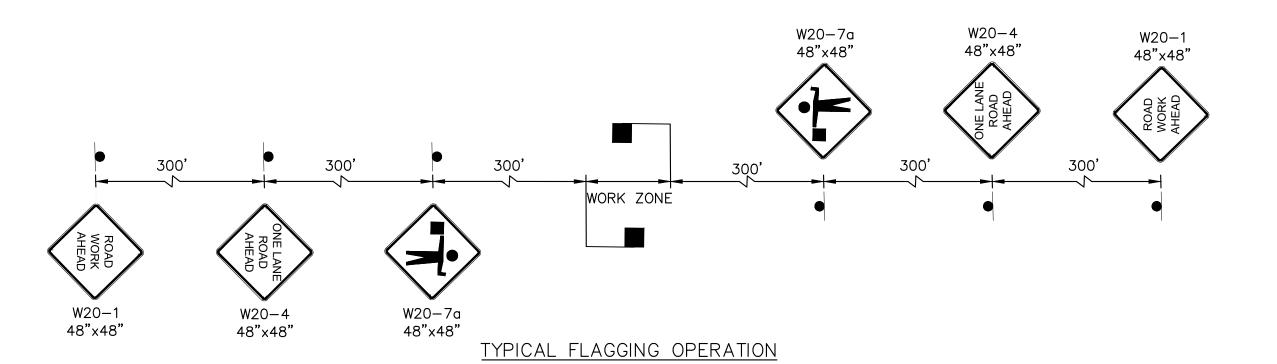
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20' DATE: MARCH 2025

CIP No.: 502002 SHEET 60 of 90







FLAGGER LOCATION

TRAFFIC DIRECTION

WORK ZONE THIS STAGE

CONSTRUCTION NOTES:

- 1. ESTABLISH ONE WORK AREA AND MAINTENANCE OF TRAFFIC SETUP AT A TIME. ADJUST MAINTENANCE OF TRAFFIC SETUP WHEN MOVING FROM ONE WORK ZONE TO ANOTHER.
- 2. CONTRACTOR MAY ADJUST THE SIGN SPACING AND LOCATION BASED ON SITE CONDITIONS WITH THE APPROVAL OF THE ENGINEER.
- 3. FLAGGER SYMBOL SHOWN ON PLANS TO INDICATE STARTING POINT TO INSTALL ADVANCE SIGNING SHOWN IN TYPICAL FLAGGING OPERATION DETAIL ON MAIN CORRIDOR AND SIDES STREETS.
- 4. SEE PEDESTRIAN MAINTENANCE OF TRAFFIC NOTES ON MT-00.

DEPARTMENT OF TRANSPORTATION DIVISION OF TRAFFIC ENGINEER AND OPERATIONS MONTGOMERY COUNTY, MD			
APPROVED			
For	MAINTENANCE OF TRAFFIC		
BY	Stella Agbinsdion		
DATE:	06/04/2025		

B	

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND				
MMENDED FOR APPROVAL				

RECOMMENDED FOR APPROVAL

REFER TO TITLE SHEET FOR SIGNATURES

Chief, Design Section Date

APPROVED

	APPROVED	0
	REFER TO TITLE SHEET FOR SIGNATURES	
	Chief, Division of Transportation Engineering Date	SC
BY	Designed by: MDS Drawn by: CJS Checked by: JJR	(

MT-12A	Д	
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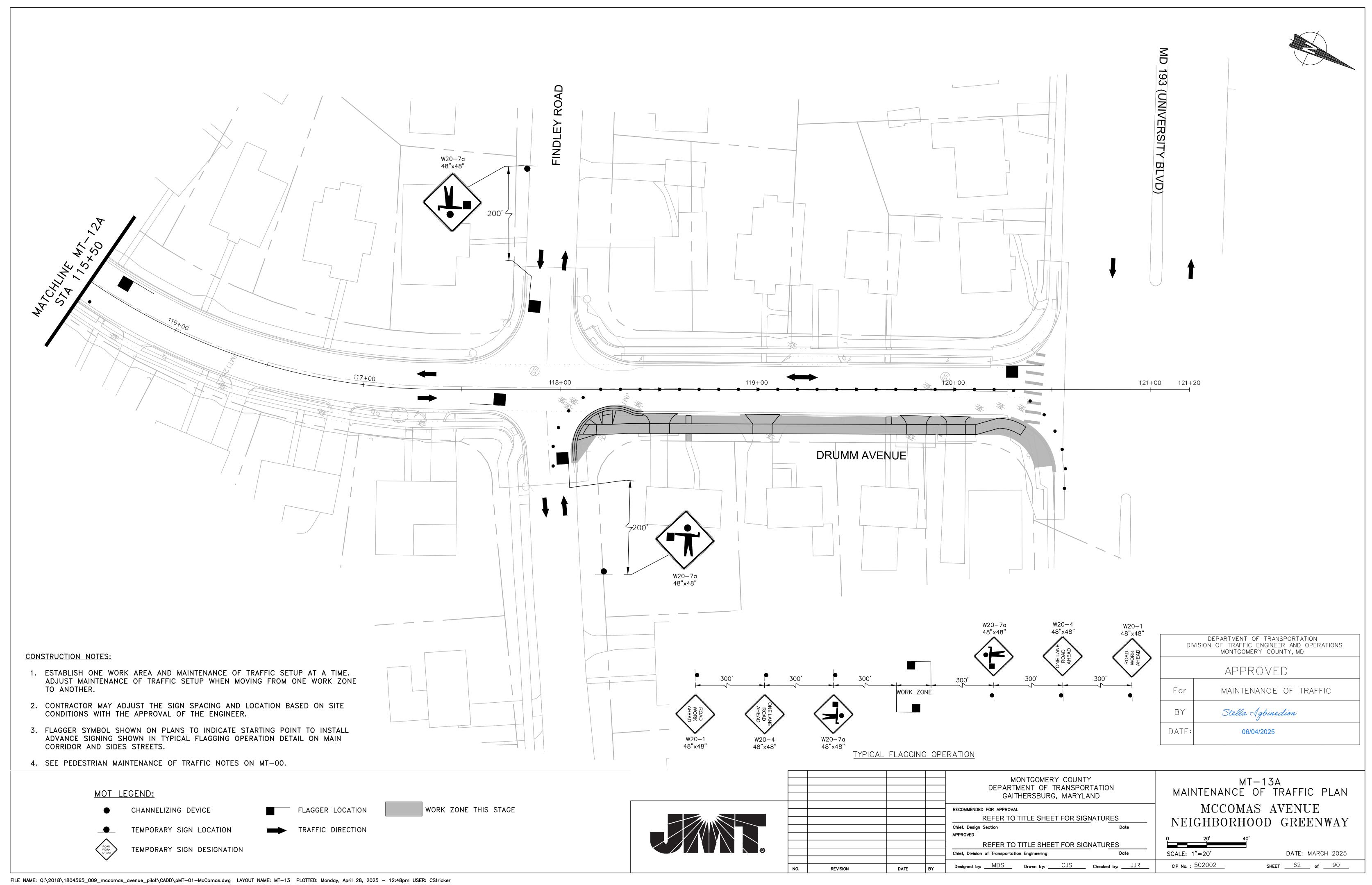
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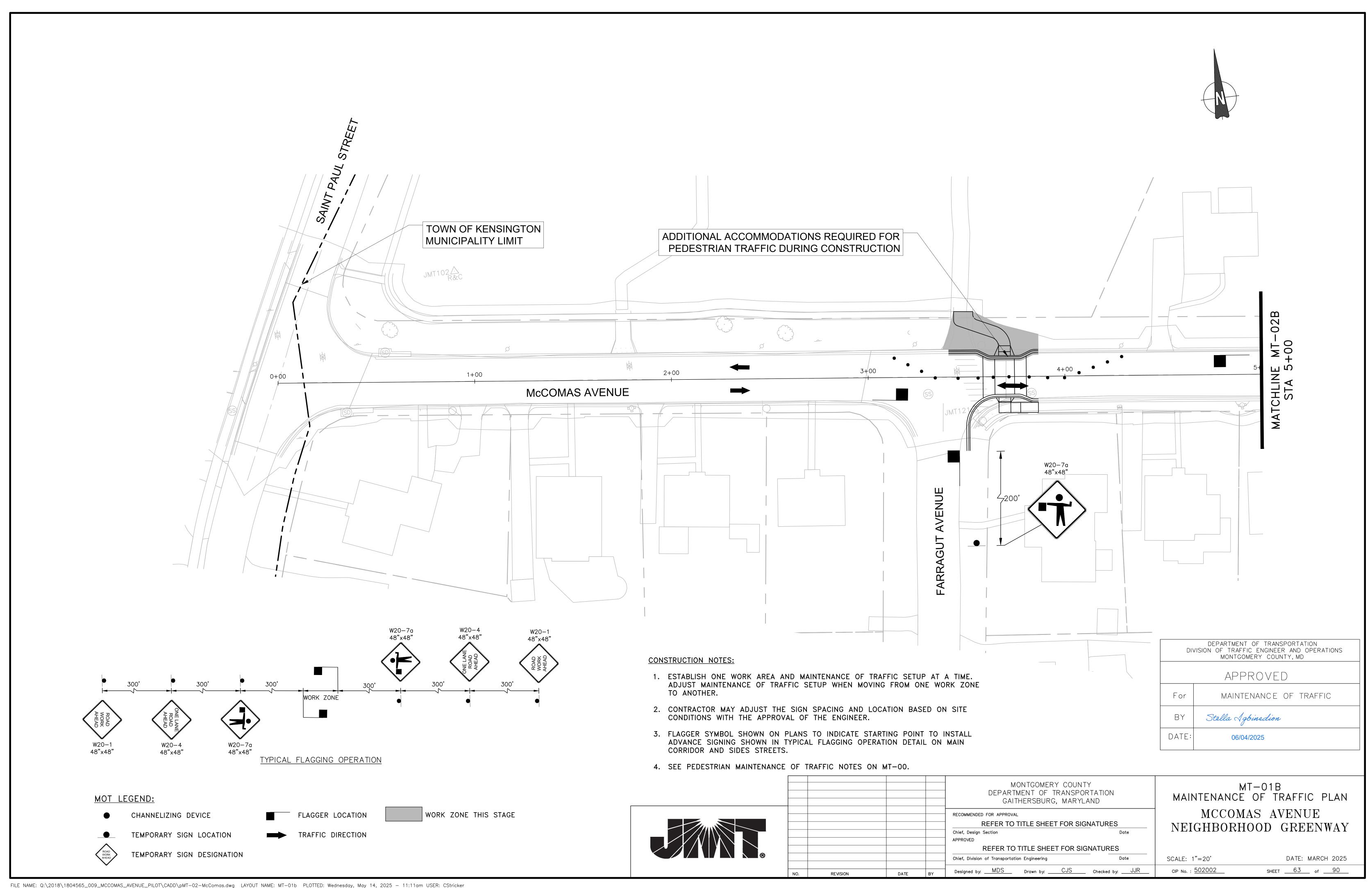
TEMPORARY SIGN DESIGNATION

MOT LEGEND:

CHANNELIZING DEVICE

TEMPORARY SIGN LOCATION







- 2. CONTRACTOR MAY ADJUST THE SIGN SPACING AND LOCATION BASED ON SITE CONDITIONS WITH THE APPROVAL OF THE ENGINEER.
- 3. FLAGGER SYMBOL SHOWN ON PLANS TO INDICATE STARTING POINT TO INSTALL ADVANCE SIGNING SHOWN IN TYPICAL FLAGGING OPERATION DETAIL ON MAIN CORRIDOR AND SIDES STREETS.
- 4. SEE PEDESTRIAN MAINTENANCE OF TRAFFIC NOTES ON MT-00.

	DEPARTMENT OF TRANSPORTATION DIVISION OF TRAFFIC ENGINEER AND OPERATIONS MONTGOMERY COUNTY, MD				
	APPROVED				
	For	MAINTENANCE OF TRAFFIC			
BY		Stella Agbinsdion			
	DATE:	06/04/2025			

WORK	ZONE	THIS	STAGE		

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND
RECOMMENDED FOR APPROVAL REFER TO TITLE SHEET FOR SIGNATURES
Chief, Design Section Date APPROVED
REFER TO TITLE SHEET FOR SIGNATURES Chief, Division of Transportation Engineering Date

Designed by: MDS Drawn by: CJS Checked by: JJR

MT-02B MAINTENANCE OF TRAFFIC PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

DATE: MARCH 2025 SCALE: 1"=20' SHEET <u>64</u> of <u>90</u> CIP No. : 502002

TYPICAL FLAGGING OPERATION

FLAGGER LOCATION

TRAFFIC DIRECTION

W20-1 48"x48"

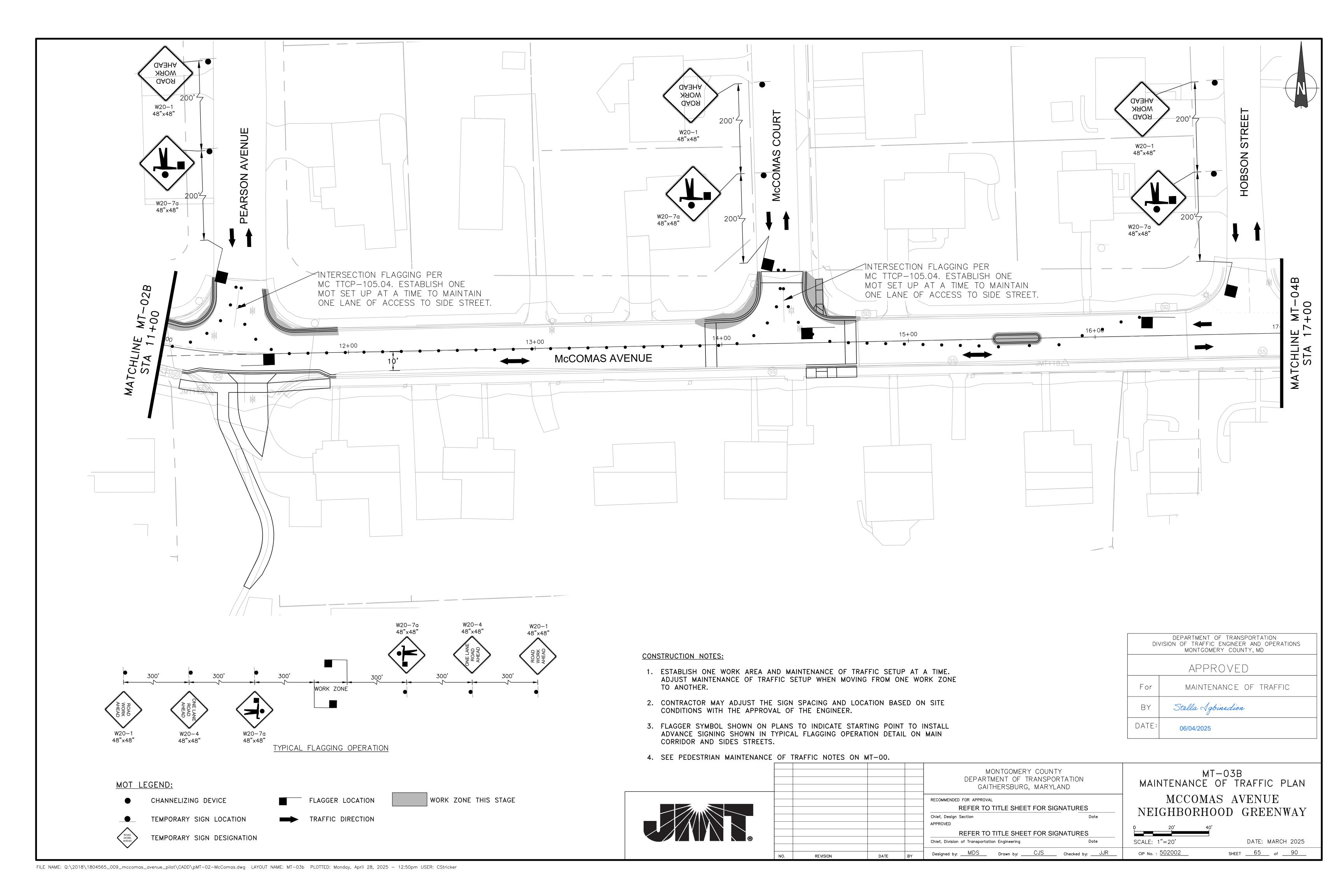
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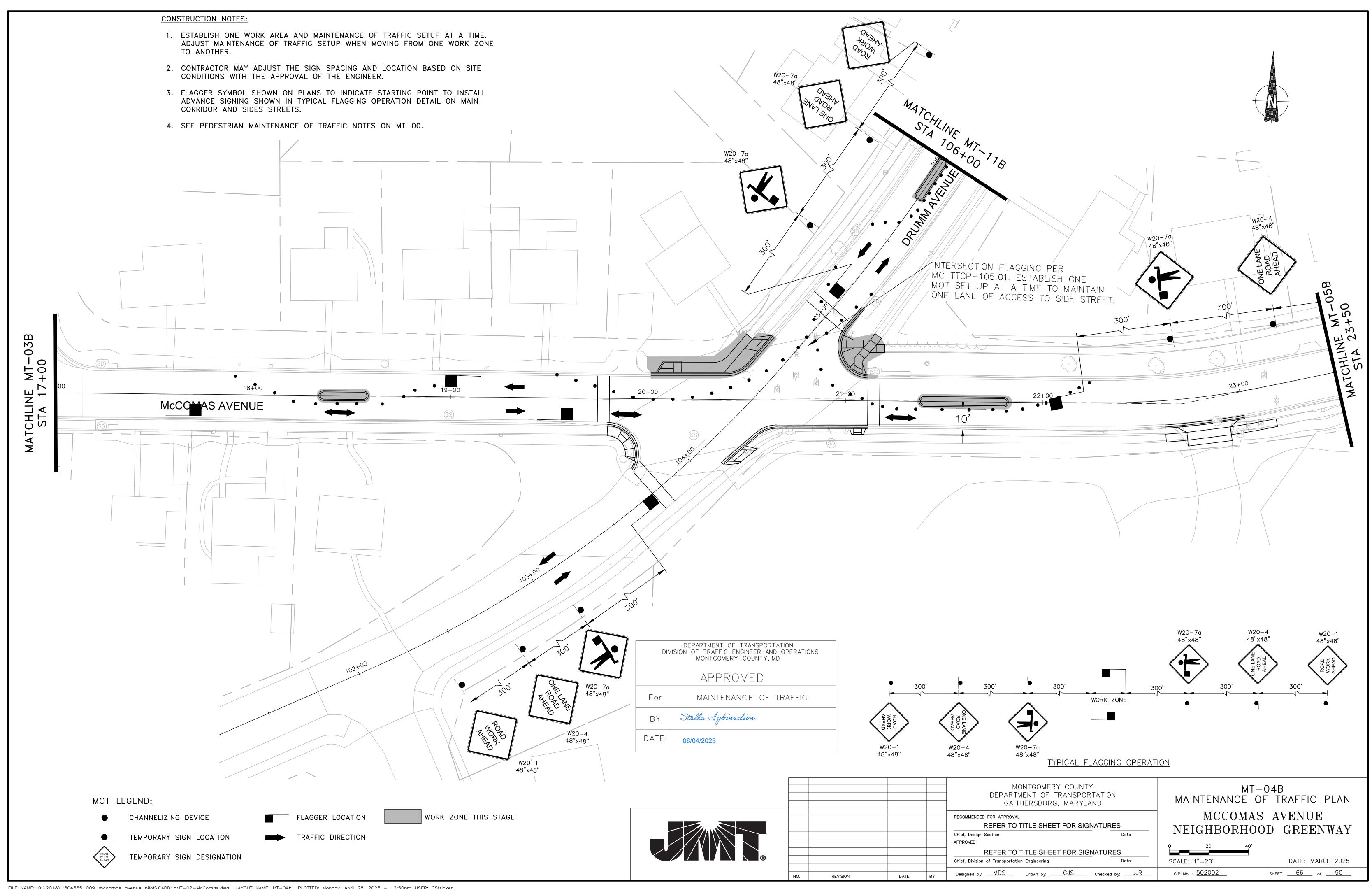
W20-4 48"x48"

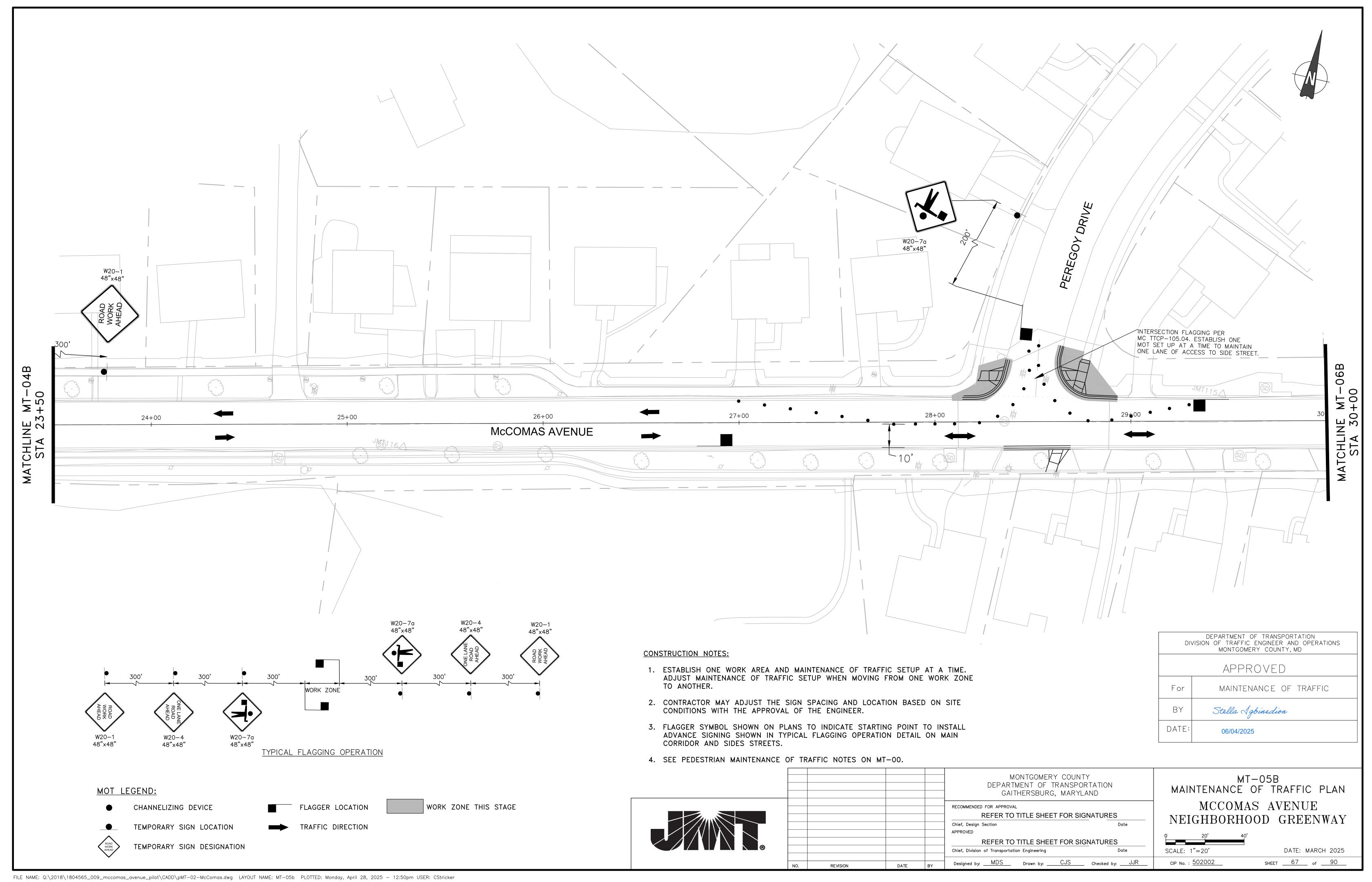
CHANNELIZING DEVICE

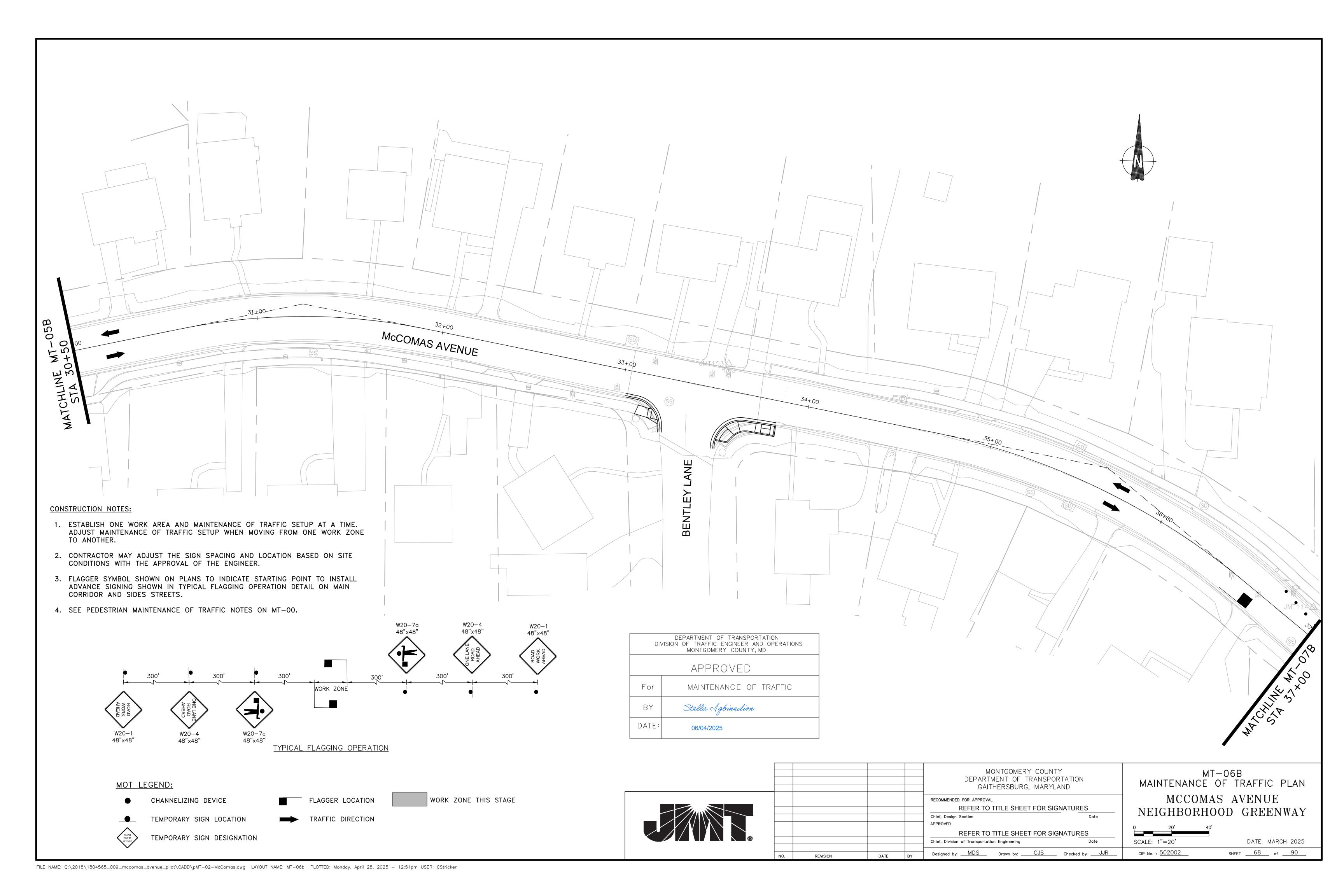
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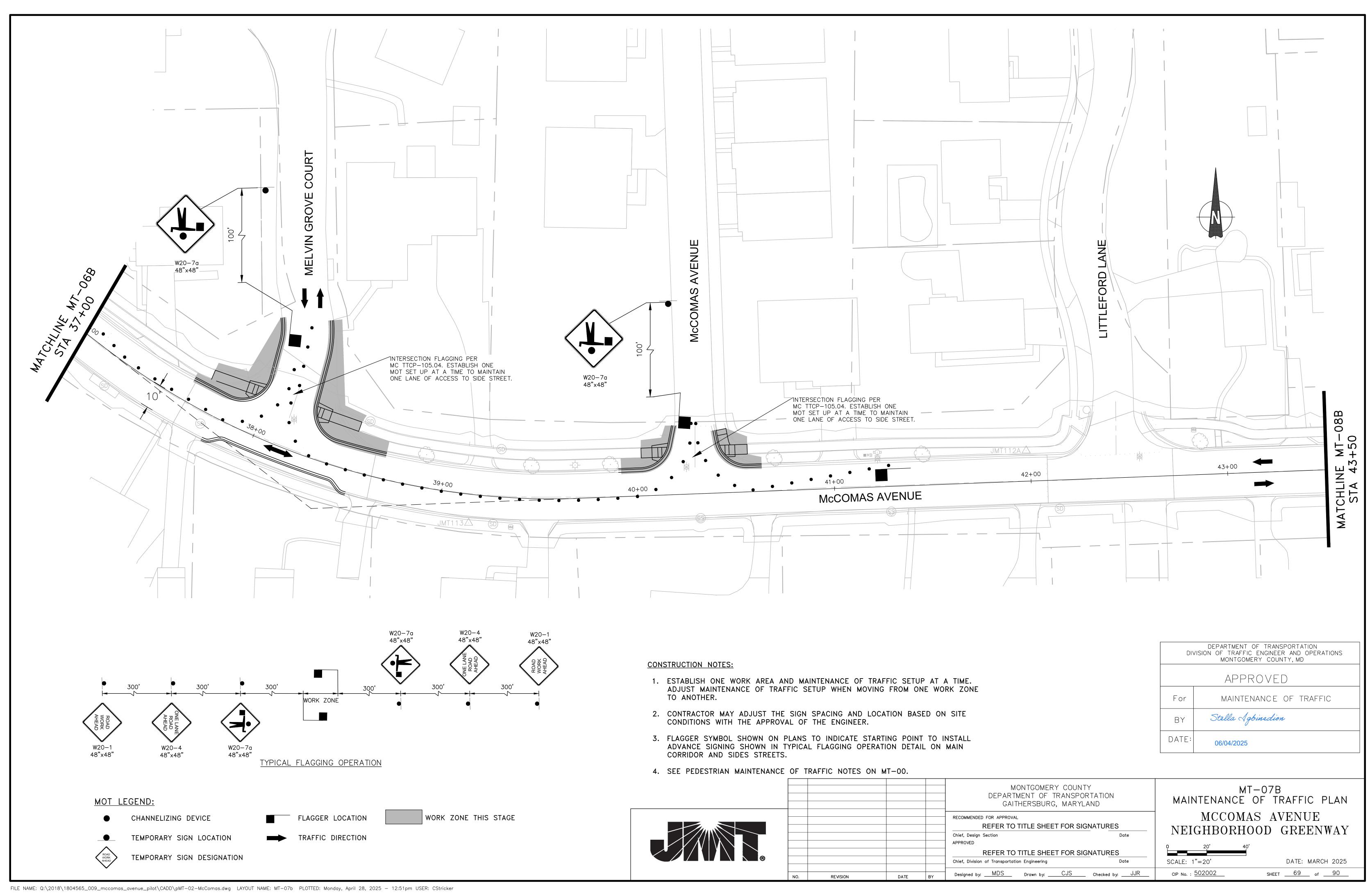
TEMPORARY SIGN DESIGNATION

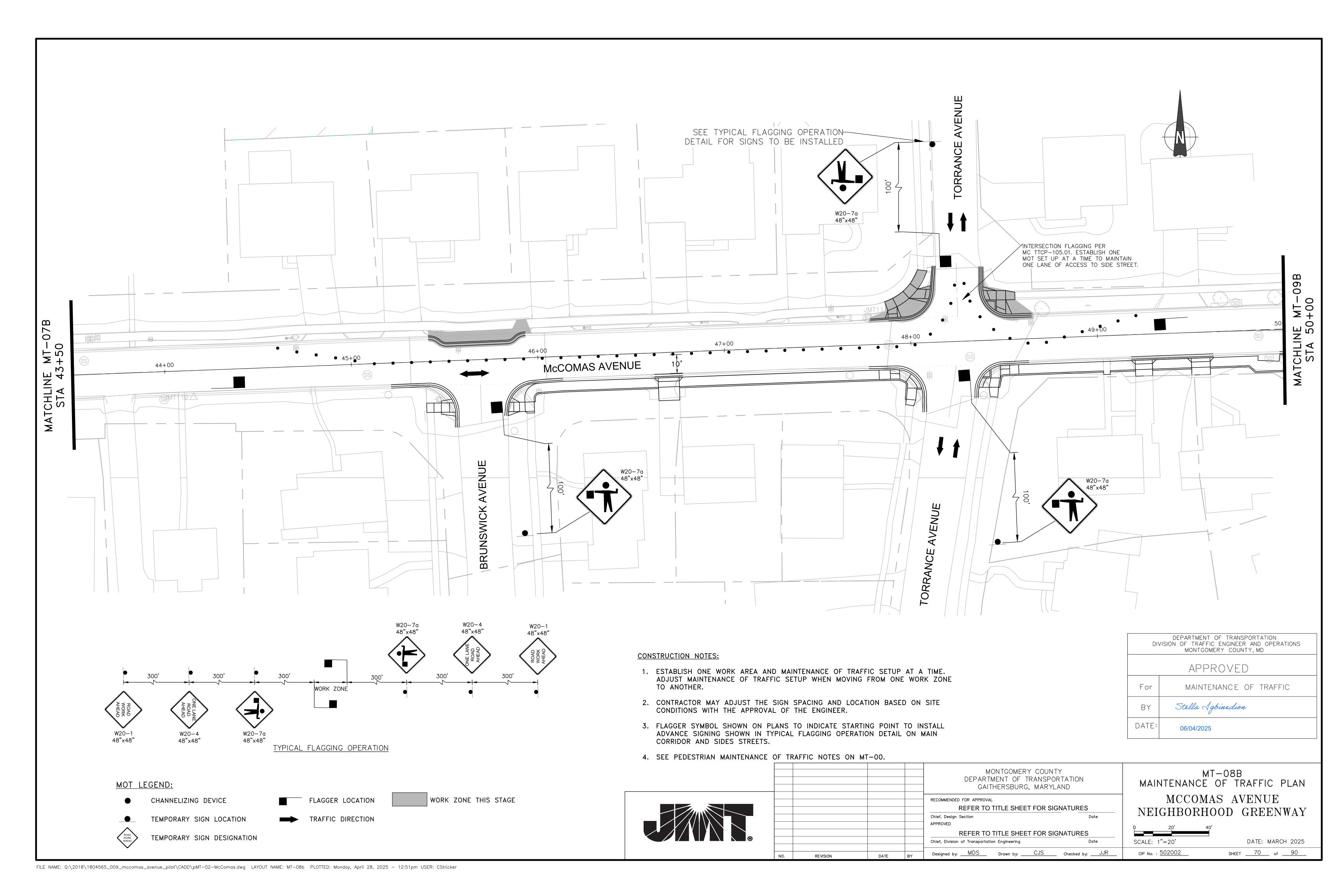


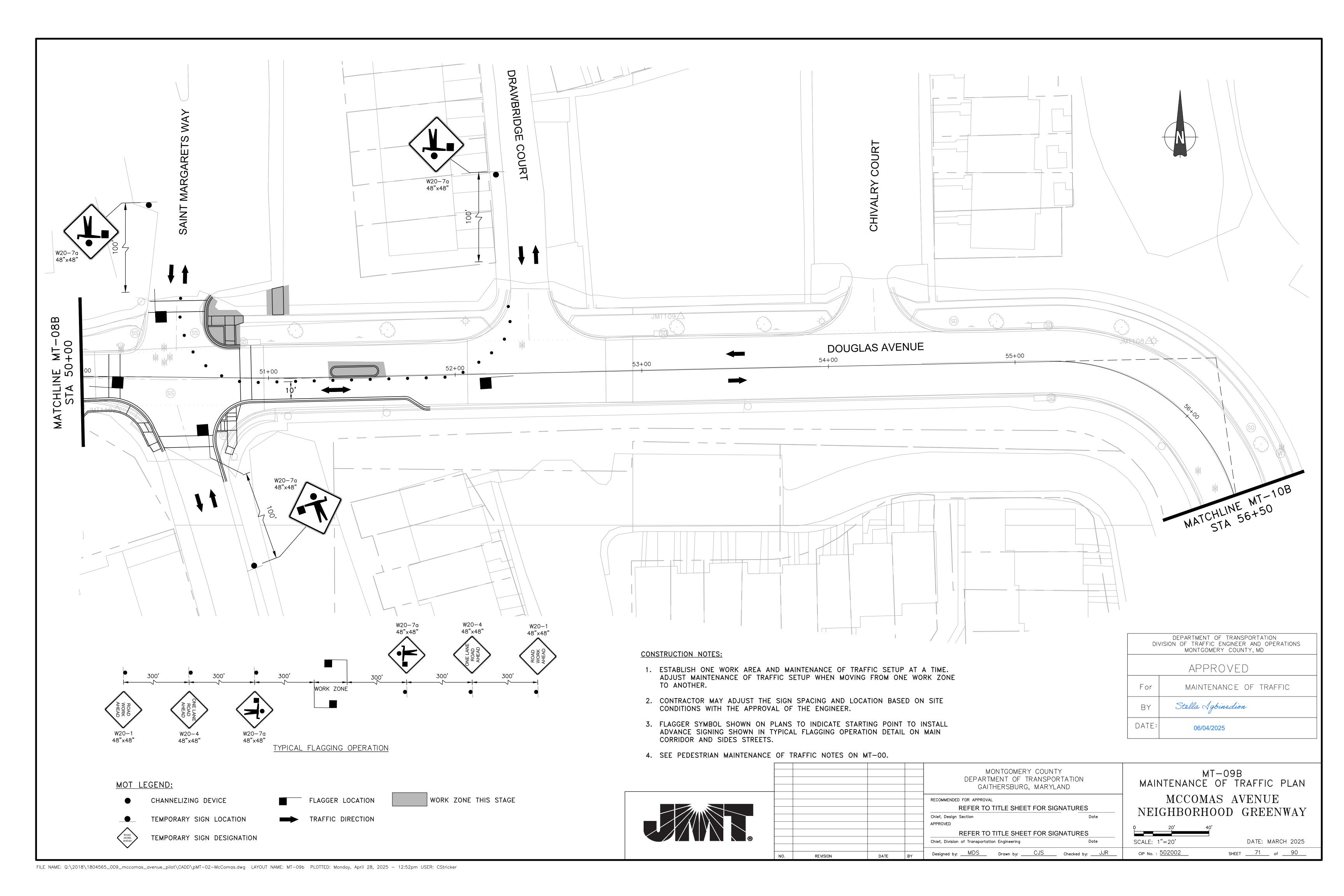


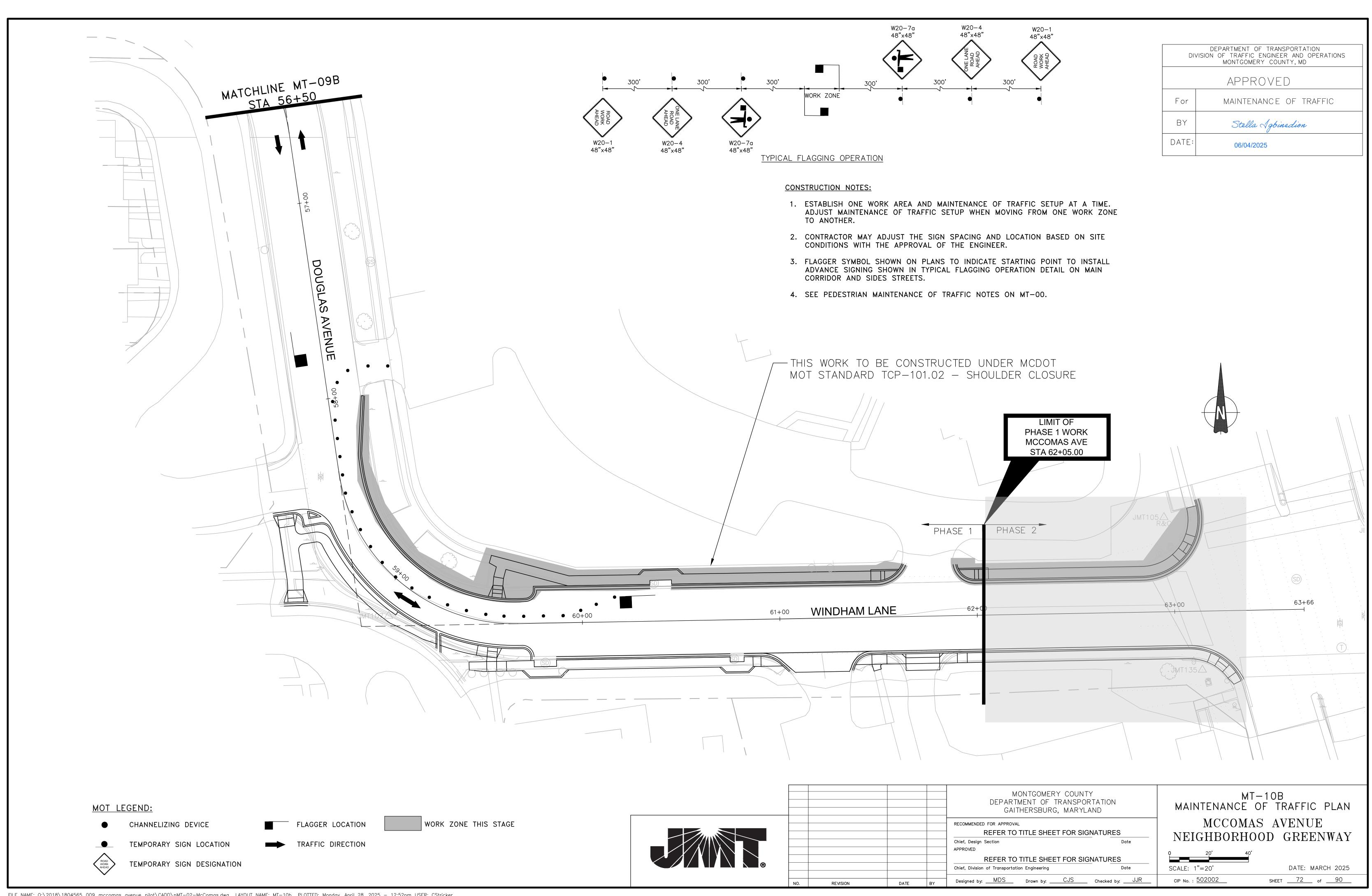


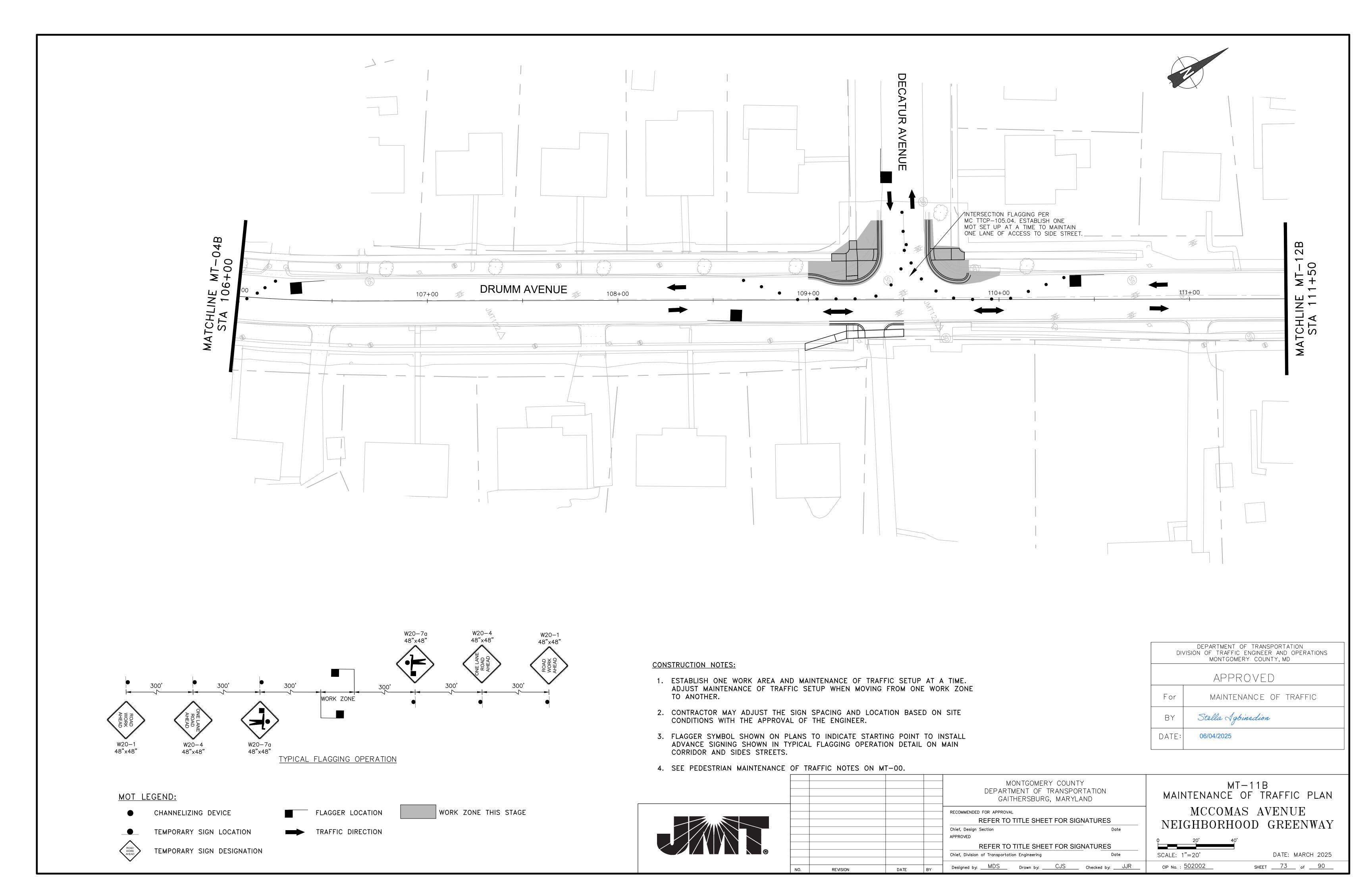


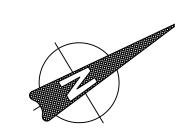


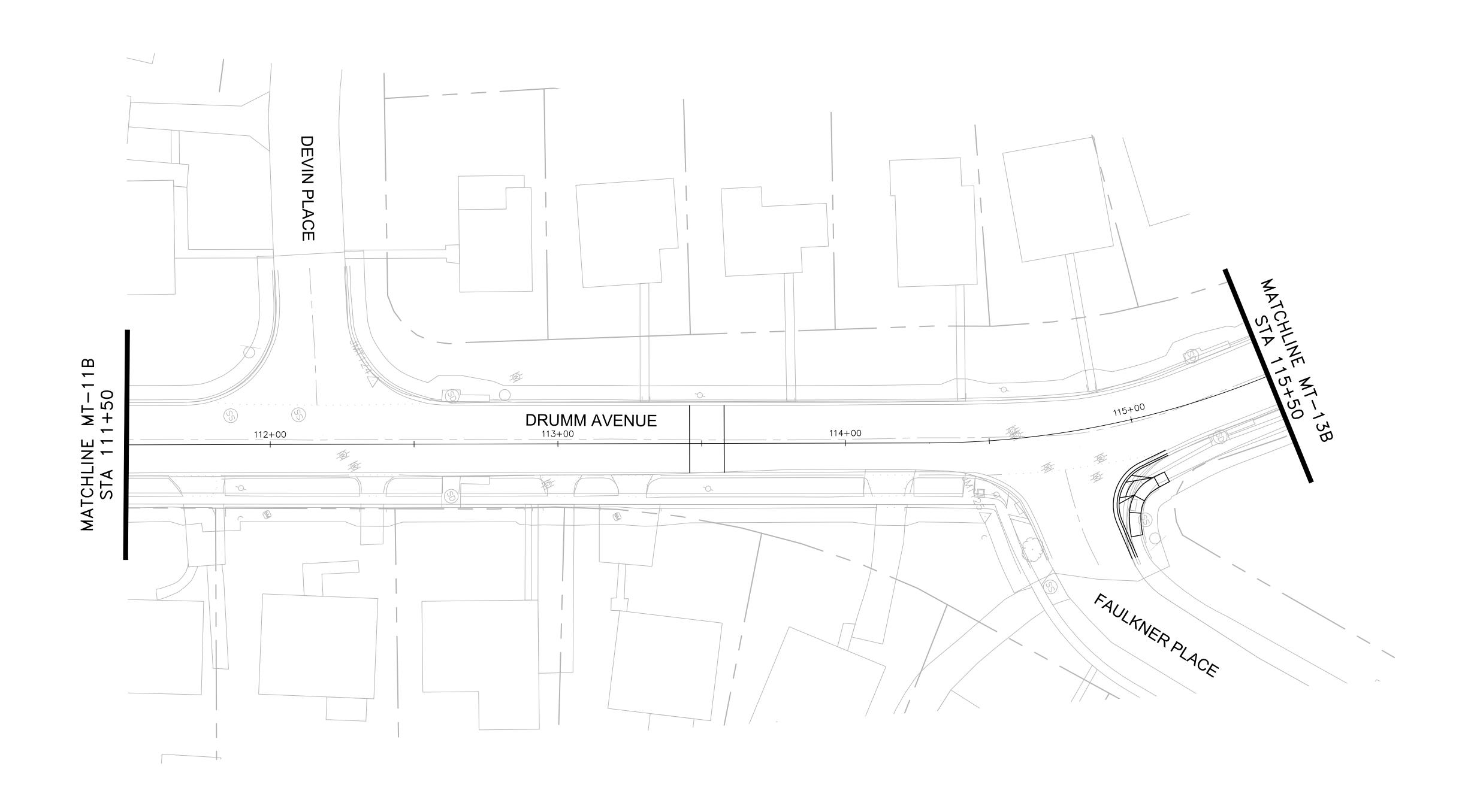


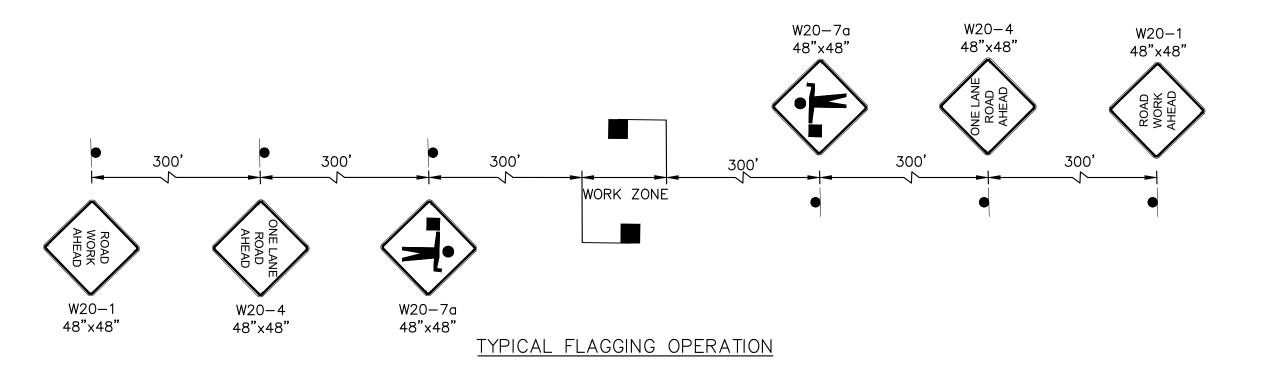












FLAGGER LOCATION

TRAFFIC DIRECTION

WORK ZONE THIS STAGE

CONSTRUCTION NOTES:

- 1. ESTABLISH ONE WORK AREA AND MAINTENANCE OF TRAFFIC SETUP AT A TIME. ADJUST MAINTENANCE OF TRAFFIC SETUP WHEN MOVING FROM ONE WORK ZONE TO ANOTHER.
- 2. CONTRACTOR MAY ADJUST THE SIGN SPACING AND LOCATION BASED ON SITE CONDITIONS WITH THE APPROVAL OF THE ENGINEER.
- 3. FLAGGER SYMBOL SHOWN ON PLANS TO INDICATE STARTING POINT TO INSTALL ADVANCE SIGNING SHOWN IN TYPICAL FLAGGING OPERATION DETAIL ON MAIN CORRIDOR AND SIDES STREETS.
- 4. SEE

DRRIDOR AND SIDES STREETS.		
E PEDESTRIAN MAINTENANCE OF TRAFFI	ON MT-00.	
	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND	MAINTENANCE
	RECOMMENDED FOR APPROVAL REFER TO TITLE SHEET FOR SIGNATURES Chief, Design Section Date APPROVED	MCCOMA NEIGHBORHC
	REFER TO TITLE SHEET FOR SIGNATURES Chief, Division of Transportation Engineering Date	SCALE: 1"=20'

Designed by: MDS Drawn by: CJS Checked by: JJR

DEPARTMENT OF TRANSPORTATION DIVISION OF TRAFFIC ENGINEER AND OPERATIONS MONTGOMERY COUNTY, MD APPROVED MAINTENANCE OF TRAFFIC Stella Agoinsdion DATE: 06/04/20250

MT-12B E OF TRAFFIC PLAN IAS AVENUE HOOD GREENWAY SCALE: 1"=20' DATE: MARCH 2025

CIP No. : 502002

SHEET ____74___ of ___90___

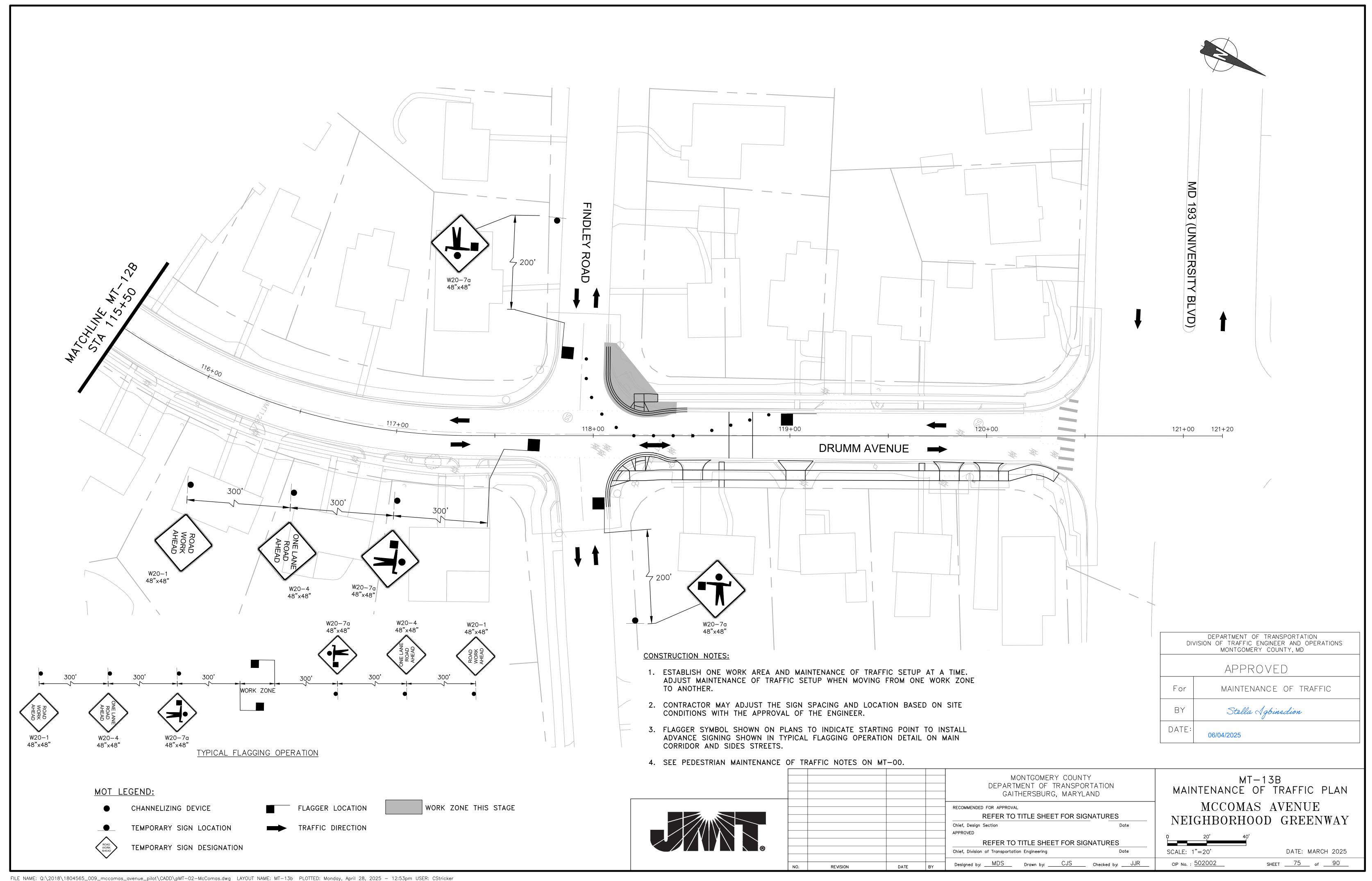
FILE NAME: Q:\2018\1804565_009_mccomas_avenue_pilot\CADD\pMT-02-McComas.dwg LAYOUT NAME: MT-12b PLOTTED: Monday, April 28, 2025 - 12:53pm USER: CStricker

MOT LEGEND:

CHANNELIZING DEVICE

TEMPORARY SIGN LOCATION

TEMPORARY SIGN DESIGNATION



INDEX OF SHEETS

SC/SWM SHEET NO.	SHEET NO.	DWG.NO.	ePLANS FILE NAME	DWG. DESCRIPTION
1	76	SC-01	SLDA0001.PDF	SLDA COVER SHEET
2	77	SC-02	SLDA0002.PDF	ESC GENERAL NOTES
3-15	78-90	SC-03 TO SC-15	SLDA0003.PDF - SMCO0015.PDF	ESC PLAN SHEETS

RUNOFF STATEMENT

I understand that DPS approval of this sediment control/stormwater management plan is for demonstrated compliance with required environmental runoff treatment standards. This DPS sediment control/stormwater management plan approval does not relieve me of professional responsibility. I have analyzed the proposed design for sediment control permit no. 296506 and hereby certify that, based upon my background, training and experience, I have determined that the proposed improvements shown on this plan meet relevant laws and regulations. I further acknowledge that I have analyzed the post development runoff patterns for this project from the standpoint of my responsibilities under current Maryland Law and have determined that if permission is required from adjacent property owners, I have obtained it and have made copies of those permissions available to DPS.

Engineer's Signature KEVIN SCHIEFER, P.E.

Printed Name

ANY SEDIMENT CONTROLS SHOWN ON THIS PLAN HAVE NOT BEEN REVIEWED BY MCDPS AND ARE NOT APPROVED. SEDIMENT CONTROLS MUST BE INSTALLED AS DIRECTED BY THE SEDIMENT CONTROL NSPECTOR, PRIOR TO COMMENCEMENT OF

Approval of This Plan is NOT a Permit to Proceed with Any Work. Work May Not Proceed Prior To Issuance of a Valid Sediment Control Permit and Completion of a Preconstruction Meeting with the Sediment Control Inspector.

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION

MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

PHASE ONE: ST. PAUL ST TO WEST OF MD 97 (GEORGIA AVE) C. I. P. PROJECT NO. 502002

SMALL LAND DISTURBANCE ACTIVITY

RECORD DRAWING CERTIFICATION

A record set of approved Sediment Control/Stormwater Management plans must be maintained on-site at all times. In addition to stormwater management items, these plans must include the number and location of all trees proposed to be planted to comply with the Tree Canopy Law. Any approved modifications or deletions of stormwater practices or tree canopy plantings or information must be shown on this record set of plans and on the Tree Canopy Requirements table. Upon completion of the project, this record set of plans, including hereon this signed Record Drawing Certification, must be submitted to the MCDPS inspector. In addition to this Record Drawing Certification, a formal Stormwater Management As-Built submission [] is required [x] is not required for this project.

If this project is subject to a Stormwater Management Right of Entry and Maintenance Agreement, that document is recorded in Montgomery County Land Records at:

_ . This Record Drawing will serve as referenced in the recorded document.

"This record drawing accurately and completely represents the stormwater management practices and tree canopy plantings as they were constructed or planted. All stormwater management practices were constructed per the approved Sediment Control / Stormwater Management plans or subsequent approved revisions."

Owner/Developer Signature

FIELD CHECK OF RECORD DRAWING BY MCDPS INSPECTOR: INITIALS:

DATE:

OWNER'S CERTIFICATION

I HEREBY CERTIFY THAT ALL CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT

8/12/2025

DATE

DIVISION OF TRANSPORTATION ENGINEERING

CERTIFICATION DESIGN

I HEREBY CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE "2011 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL," MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES EXECUTIVE REGULATIONS 5-90, 7-02AM AND 36-90, AND MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION "STORM DRAIN CRITERIA" DATED AUGUST, 1988.

7/31/2025 DATE

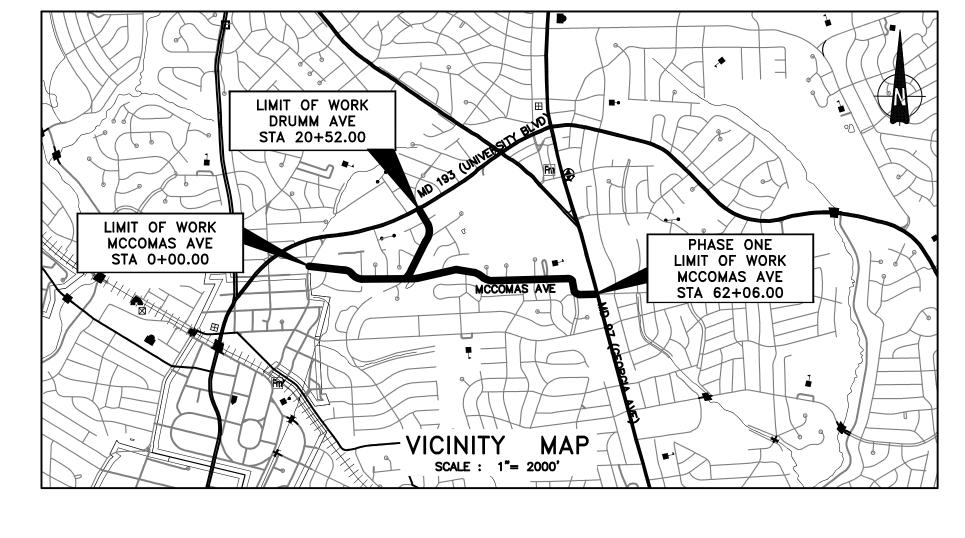
KEVIN SCHIEFER, P.E. MD. REGISTRATION NO. 43192

CERTIFICATION OF THE QUANTITIES

I HEREBY CERTIFY THAT THE ESTIMATED TOTAL AMOUNT OF EXCAVATION AND FILL AS SHOWN ON THESE PLANS HAS BEEN COMPUTED TO 409 CUBIC YARDS OF EXCAVATION, 221 CUBIC YARDS OF FILL AND THE TOTAL AREA TO BE DISTURBED AS SHOWN ON THESE PLANS HAS BEEN DETERMINED TO BE 39,972 SQUARE FEET OR 0.92 ACRES. 7/31/2025

DATE

MICHAEL ROTHENHEBER, P.E. MD. REGISTRATION NO. 18589



P.E. CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 43192, EXPIRATION DATE: 12-19-26

ANY SEDIMENT CONTROLS SHOWN ON THIS

AND ARE NOT APPROVED. SEDIMENT

DIRECTED BY THE SEDIMENT CONTROL

CONTROLS MUST BE INSTALLED AS

PLAN HAVE NOT BEEN REVIEWED BY MCDPS

NSPECTOR, PRIOR TO COMMENCEMENT OF

Approval of This Plan is NOT a Permit to Proceed with

Any Work. Work May Not Proceed Prior To Issuance of a

Valid Sediment Control Permit and Completion of a

Preconstruction Meeting with the Sediment

Control Inspector.



MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION

> 100 EDISON PARK DRIVE, 4TH FLOOR GAITHERSBURG, MD 20878 CONTACT:

> > DATE

REVISION

ANGEL CHENG, P.E. 240-777-7274

	RELATED REQUIRED PERMITS To be completed by the consultant and placed on the first sheet of the Sediment Control / Stormwater Management plan set for all projects.						
	IT IS THE RESPONSIBILITY OF THE PERMITTEE/OWNER OF THIS SITE TO OBTAIN ALL REQUIRED PERMITS PRIOR TO ISSUANCE OF THE SEDIMENT CONTROL PERMIT						
	TYPE OF PERMIT	REQD	NOT REQD	PERMIT #	EXPIRATION DATE	WORK RESTRICTION DATES	
	MCDPS Floodplain District		X				
	WATERWAYS/WETLAND(S):						
	a. Corps of Engineers		Х				
İ	b. MDE		Х				
	c. MDE Water Quality Certification		х				
	MDE Dam Safety		Х				
	MSCD Small Pond Approval		Х				
	* DPS Roadside Trees Protection Plan		х		Approval Date		
	**N.P.D.E.S. NOTICE OF INTENT		Х				
	FEMA LOMR (Required Post Construction)		Х				
	OTHERS (Please List):						

*A copy of the approved Roadside Trees Protection Plan must be delivered to the Sediment Control Inspector at the Preconstruct

**When a Notice of Intent is required, the sediment control permit may not be issued until confirmation of authorization under the MDE's 20-CP permit has been submitted to DPS.

Shade Trees Required

ANY SEDIMENT CONTROLS SHOWN ON THIS PLAN HAVE NOT BEEN REVIEWED BY MCDPS AND ARE NOT APPROVED. SEDIMENT CONTROLS MUST BE INSTALLED AS DIRECTED BY THE SEDIMENT CONTROL INSPECTOR, PRIOR TO COMMENCEMENT OF

Approval of This Plan is NOT a Permit to Proceed with Any Work. Work May Not Proceed Prior To Issuance of a Valid Sediment Control Permit and Completion of a Preconstruction Meeting with the Sediment Control Inspector.

TREE CANOPY REQUIREMENTS TABLE

To be completed by the consultant and placed on the first sheet of the Sediment Control / Stormwater Management

plan set for all projects. A fee in lieu of planting will be charged for any required canopy trees that are not planted. Exempt: Yes X No I If exempt under Section 55-5 of the Code, please check the applicable exemption category below.

Total Property Area Total Disturbed Area N/A square feet 39,972 square feet

Number of Trees Requiring Payment of a Fee in Lieu

(Trees Required – Trees Planted)

Required Number of Shade Trees

Area (sq. ft.) of the Limits Number of Shade of Disturbance Trees Required 6,000 8,000 12,000 12,001 14,000 14,001 40,000

If the square footage of the limits of disturbance is more than 40,000, then the number of shade trees required must be calculated using the following formula:

(Number of Square Feet in Limits of Disturbance \div 40.000) \times 15

EXEMPTION CATEGORIES CHECK AS APPLICABLE

55-5(a) any activity that is subject to Article II of 55-5(b) any commercial logging or timber arvesting operation with an approved exemption for Article II of Chapter 22A; 55-5(f) any activity conducted by the County Park

55-5(g) routine or emergency maintenance of an

existing stormwater management facility, including an

existing access road, if the person performing the

intenance has obtained all required permit 55-5(h) any stream restoration project if the person performing the work has obtained all necessary permits; 55-5(i) cutting or clearing any tree to comply with applicable provisions of any federal, state, or local law governing safety of dams; X OTHER: Specify per Section 55-5 of the Code.

DPS approval of a sediment control or stormwater

nanagement plan is for demonstrated compliance wi

minimum environmental runoff treatment standards and does not create or imply any right to divert a

oncentrate runoff onto any adjacent property withou

55-5(I)

Shade Trees Proposed to be Planted

TECHNICAL REVIEW OF SEDIMENT CONTROL OWNER / ADDRESS:

MONTGOMERY COUNTY

Drawn by: _

SC296506

Joel Karpas

8/15/2025

Approved for SLDA by DPS

ADMINISTRATIVE REVIEW DATE **TECHNICAL REVIEW OF** SMALL LOT DRAINAGE APPROVAL STORMWATER MANAGEMENT

N/A: 🔲 OR DATE MCDPS APPROVAL OF THIS PLAN WILL EXPIRE TWO YEARS FROM THE DATE OF APPROVAL IF THE PROJECT HAS NOT STARTED.

that property owner's permission. It does not relieve the design engineer or other responsible person of professional liability or ethical responsibility for the dequacy of the drainage design as it affects uphill o downhill properties. SEDIMENT **-** 296506 SEDIMENT CONTROL PERMIT NO. STORMWATER - 292067 SM. FILE NO. STORMWATER MANAGEMENT

NOTE: MCDPS APPROVAL DOES NOT NEGATE THE NEED FOR A MCDPS ACCESS PERMIT.

CIP No. : 502002

Aug. 12, 2025

Checked by: KJS

SLDA COVER SHEET MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

SC-01

DATE: JULY 2025

RJM ENGINEERING

DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND Daniel M. Sherida Chief, Design Section 8/12/2025



EROSION AND SEDIMENT CONTROL GENERAL NOTES

- 1. The permittee shall notify the Department of Permitting Services (DPS) forty-eight (48) hours before commencing any land disturbing activity and, unless waived by the Department, shall be required to hold a pre-construction meeting between them or their representative, their engineer and an authorized representative of the Department.
- 2. The permittee must obtain inspection and approval by DPS at the following points:
- A. At the required pre-construction meeting.
- B. Following installation of sediment control measures and prior to any other land disturbing activity.
- C. During the installation of a sediment basin or stormwater management structure at the required inspection points (see Inspection Checklist on plan). Notification prior to commencing construction is mandatory.
- D. Prior to removal or modification of any sediment control structure(s).
- E. Prior to final acceptance.
- 3. The permittee shall construct all erosion and sediment control measures per the approved plan and construction sequence, shall have them inspected and approved by the Department prior to beginning any other land disturbances, shall ensure that all runoff from disturbed areas is directed to the sediment control devices, and shall not remove any erosion or sediment control measure without prior permission from the Department.
- 4. The permittee shall protect all points of construction ingress and egress to prevent the deposition of materials onto traversed public thoroughfare(s). All materials deposited onto public thoroughfare(s) shall be removed immediately.
- 5. The permittee shall inspect periodically and maintain continuously in effective operating condition, all erosion and sediment control measures until such time as they are removed with prior permission from the Department. The permittee is responsible for immediately repairing or replacing any sediment control measures which have been damaged or removed by the permittee or any other person.
- 6. Following initial soil disturbance or re-disturbance, permanent or temporary stabilization must be completed within:
 - a) Three (3) calendar days as to the surface of all perimeter dikes, swales, ditches, perimeter slopes and all slopes steeper than 3 horizontal to 1 vertical (3:1); and
 - b) Seven (7) calendar days as to all other disturbed or graded areas on the project site not under active grading.

All areas disturbed outside of the perimeter sediment control system must be minimized and stabilized immediately. Maintenance must be performed as necessary to

ensure continued stabilization.

- 7. The permittee shall apply sod, seed and anchored straw mulch, or other approved stabilization measures to all disturbed areas within seven (7) calendar days after stripping and grading activities have ceased on that area. Maintenance shall be performed as necessary to ensure continued stabilization. Active construction areas such as borrow or stockpile areas, roadway improvements, and areas within fifty (50) feet of a building under construction may be exempt from this requirement, provided that erosion and sediment control measures are installed and maintained to protect those areas.
- 8. Prior to removal of sediment control measures, the permittee shall stabilize all contributory disturbed areas with required soil amendments and topsoil, using sod or an approved permanent seed mixture and an approved anchored mulch. Wood fiber mulch may only be used in seeding season when the slope does not exceed 10% and grading has been done to promote sheet flow drainage. Areas brought to finished grade during the seeding season shall be permanently stabilized within seven (7) calendar days of establishment. When property is brought to finished grade during the months of November through February, and permanent stabilization is found to be impractical, an approved temporary seed and straw anchored mulch shall be applied to disturbed areas. The final permanent stabilization of such property shall be completed prior to the following April 15.
- 9. The site permit, work, materials, approved SC/SM plans, and test reports shall be available at the site for inspection by duly authorized officials of Montgomery County.
- 10. Surface drainage flows over unstabilized cut and fill slopes shall be controlled by either preventing drainage flows from traversing the slopes or by installing mechanical devices to lower the water down slope without causing erosion. Dikes shall be installed and maintained at the top of cut or fill slopes until the slope and drainage area to it are fully stabilized, at which time they must be removed and final grading done to promote sheet flow drainage. Mechanical devices must be provided at points of concentrated flow where erosion is likely to occur.
- 11. Permanent swales or other points of concentrated water flow shall be stabilized within 3 calendar days of establishment with sod or seed with an approved erosion control matting or by other approved stabilization measures.
- 12. Sediment control devices shall be removed, with permission of the Department, within thirty (30) calendar days following establishment of permanent stabilization in all contributory drainage areas. Stormwater management structures used temporarily for sediment control shall be converted to the permanent configuration within this time period as well.
- 13. No permanent cut or fill slope with a gradient steeper than 3:1 will be permitted in lawn maintenance areas or on residential lots. A slope gradient of up to 2:1 will be permitted in non- maintenance areas provided that those areas are indicated on the erosion and sediment control plan with a low-maintenance ground cover specified for permanent stabilization. Slope gradient steeper than 2:1 will not be permitted with vegetative stabilization.
- 14. The permittee shall install a splashblock at the bottom of each downspout unless the downspout is connected by a drain line to an acceptable outlet.
- 15. For finished grading, the permittee shall provide adequate gradients so as to prevent water from standing on the surface of lawns more than twenty-four (24) hours after the end of a rainfall, except in designated drainage courses and swale flow areas, which may drain as long as forty-eight (48) hours after the end of a rainfall.
- 16. Sediment traps or basins are not permitted within 20 feet of a building which is existing or under construction. No building may be constructed within 20 feet of a sediment trap or basin.
- 17. All inlets in non-sump areas shall have asphalt berms installed at the time of base paving establishment.
- 18. The sediment control inspector has the option of requiring additional sediment control measures, as deemed necessary.
- 19. All trap elevations are relative to the outlet elevation, which must be on existing undisturbed ground.
- 20. Vegetative stabilization shall be performed in accordance with the Standards and Specifications for Soil Erosion and Sediment Control.
- 21. Sediment trap(s)/basin(s) shall be cleaned out and restored to the original dimensions when sediment has accumulated to the point of one-half (1/2) the wet storage depth of the trap/basin (1/4 the wet storage depth for ST-III) or when required by the sediment control inspector.
- 22. Sediment removed from traps/basins shall be placed and stabilized in approved areas, but not within a floodplain.
- 23. All sediment basins and traps must be surrounded with a welded wire safety fence. The fence must be at least 42 inches high, have posts spaced no farther apart than 8 feet, have mesh openings no greater the two inches in width and four inches in height, with a minimum of 14 gauge wire. Safety fence must be maintained in good condition at all times.
- 24. No excavation in the areas of existing utilities is permitted unless their location has been determined. Call "Miss Utility" at 1-800-257-7777, 48 hours prior to the start of work.
- 25. Off-site spoil or borrow areas must have prior approval by DPS.
- 26. Sediment trap/basin dewatering for cleanout or repair may only be done with the DPS inspector's permission. The inspector must approve the dewatering method for <u>each</u> application. The following methods may be considered:
- A. Pump discharge may be directed to another on-site sediment trap or basin, provided it is of sufficient volume and the pump intake is floated to prevent agitation or suction of deposited sediments; or
- B. the pump intake may utilize a Removable Pumping Station and must discharge into an undisturbed area through a non-erosive outlet; or
- C. the pump intake may be floated and discharge into a Dirt Bag (12 oz. non-woven fabric), or approved equivalent, located in an undisturbed buffer area.
- Remember: Dewatering operation and method <u>must</u> have prior approval by the DPS inspector.
- 27. The permittee must notify the Department of all utility construction activities within the permitted limits of disturbance prior to the commencement of those activities.
- 28. Topsoil must be applied to all pervious areas within the limits of disturbance prior to permanent stabilization in accordance with MDE "Standards and Specifications for Soil Preparation, Topsoiling, and Soil Amendments".



DEPARTMENT OF PERMITTING SERVICES

Marc Elrich County Executive Rabbiah Sabbakhan

May 3, 2024

Mr. Kevin Schiefer RJM Engineering 6031 University Blvd STE 290, Ellicott City, MD 21043

Re: COMBINED STORMWATER MANAGEMENT
CONCEPT/SITE DEVELOPMENT
STORMWATER MANAGEMENT PLAN for
McComas Avenue Improvements
SM File #: 292067
Tract Size: 0.87ac
Total Concept Area: 0.87ac
Parcel(s): ROW
Watershed: Anacostia/Rock Creek

Redevelopment (Yes/No): NO

Dear Mr. Schiefer:

Based on a review by the Department of Permitting Services Review Staff, the stormwater management concept for the above-mentioned site is acceptable. Due to the nature of the project and significant project constraints, implementation od stormwater management practices is infeasible. The applicant has requested a waiver of stormwater management requirements, and a waiver is hereby granted for the project.

The following items will need to be addressed during the detailed sediment control/stormwater management plan stage:

- Due to the nature of this project and the fact that there are no proposed stormwater management practices, a Small Land Disturbance Activity (SLDA) application can be used for the sediment control permit.
- 2. Please submit a copy of this approval letter along with the sediment control permit application.

This list may not be all-inclusive and may change based on available information at the time.

Payment of a stormwater management contribution in accordance with Section 2 of the Stormwater Management Regulation 4-90 is not required for MCDOT projects.

Any divergence from the information provided to this office; or additional information received during the development process; or a change in an applicable Executive Regulation may constitute grounds to rescind or amend any approval actions taken, and to reevaluate the site for additional or amended stormwater management requirements. If there are subsequent additions or modifications to the development, a separate concept request shall be required.



2425 Reedie Drive, 7th Floor, Wheaton, Maryland 20902 | 240-777-0311 www.montgomerycountymd.gov/permittingservices

Mr. Kevin Schiefer May 3, 2024 Page 2 of 2

If you have any questions regarding these actions, please feel free to contact Joel Karpas at 240-777-6206.

Sincerely,

Wark Cheridge

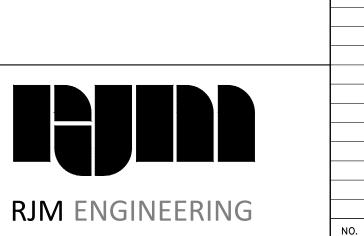
Mark Etheridge, Manager

Water Resources Section

Division of Land Development Services

cc: Neil Braunstein SM File # 292067

ESD: Required/Provided 3,269 cf / 0 cf PE: Target/Achieved: 1.9"/ 0" STRUCTURAL: 0 cf WAIVED: 3,269 cf.



MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND
REFER TO TITLE SHEET FOR SIGNATURES
Chief, Design Section Date APPROVED
REFER TO TITLE SHEET FOR SIGNATURES
Chief, Division of Transportation Engineering Date

Drawn by: ____MW

SITE INFORMATION

CUT FILL

409 221

(CY) (CY)

DISTURBED AREA

REVISION

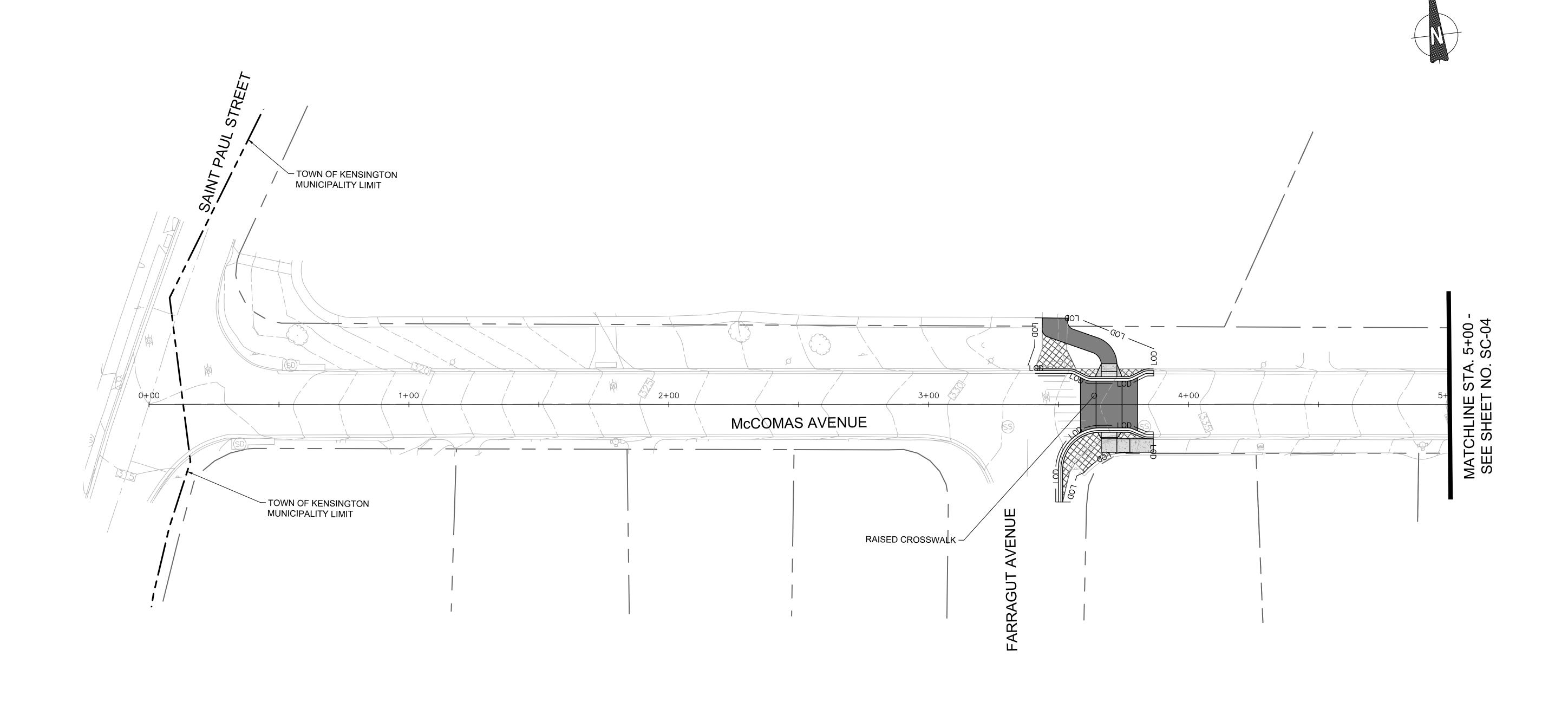
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SC-02 ESC NOTES MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

CIP No. : 502002 SHEET 77 of 90

MCDPS SC/SWM SHEET 2 OF 15

DATE: JULY 2025



GENERAL NOTES:

- INSTALL SEDIMENT CONTROL MEASURES AS DIRECTED BY THE MCDPS INSPECTOR. FOLLOWING THE INSTALLATION OF SEDIMENT CONTROLS, WRITTEN APPROVAL MUST BE OBTAINED FROM THE MCDPS INSPECTOR PRIOR TO PROCEEDING WITH WORK.
- 2. NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS THE RUNOFF IS DIRECTED TO A MCDPS-APPROVED SEDIMENT CONTROL DEVICE.
- 3. THE DEPOSITION OF ANY EARTH, GRAVEL, AND/OR OTHER MATERIAL OUTSIDE OF THE WORK AREA IS STRICTLY PROHIBITED. ALL SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS, OUTSIDE OF THE WORK AREA, MUST BE IMMEDIATELY REMOVED IF NOT DIVERTED TO A MCDPS-APPROVED SEDIMENT CONTROL DEVICE.
- 4. EROSION AND SEDIMENT CONTROL DEVICES AND/OR MEASURES ARE TO REMAIN IN PLACE UNTIL THEIR REMOVAL IS APPROVED IN WRITING BY THE MCDPS INSPECTOR. STABILIZE ANY DISTURBED AREAS RESULTING FROM REMOVAL OF THE SEDIMENT CONTROL DEVICES.

<u>LEGEND</u>	
LIMIT OF DISTURBANCE	LOD
DRIVEWAY	
ASPHALT	
SIDEWALK	Δ
PAVEMENT REMOVAL	
DETECTABLE WARNING SURFACE	
RIGHT OF WAY	

					MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND	EF
					RECOMMENDED FOR APPROVAL REFER TO TITLE SHEET FOR SIGNATURES Chief, Design Section Date	
					APPROVED REFER TO TITLE SHEET FOR SIGNATURES Chief, Division of Transportation Engineering Date	
RJM ENGINEERING	NO.	REVISION	DATE	BY	Designed by: MW Drawn by: MW Checked by: KJS	

SC-03
EROSION & SEDIMENT CONTROL PLAN

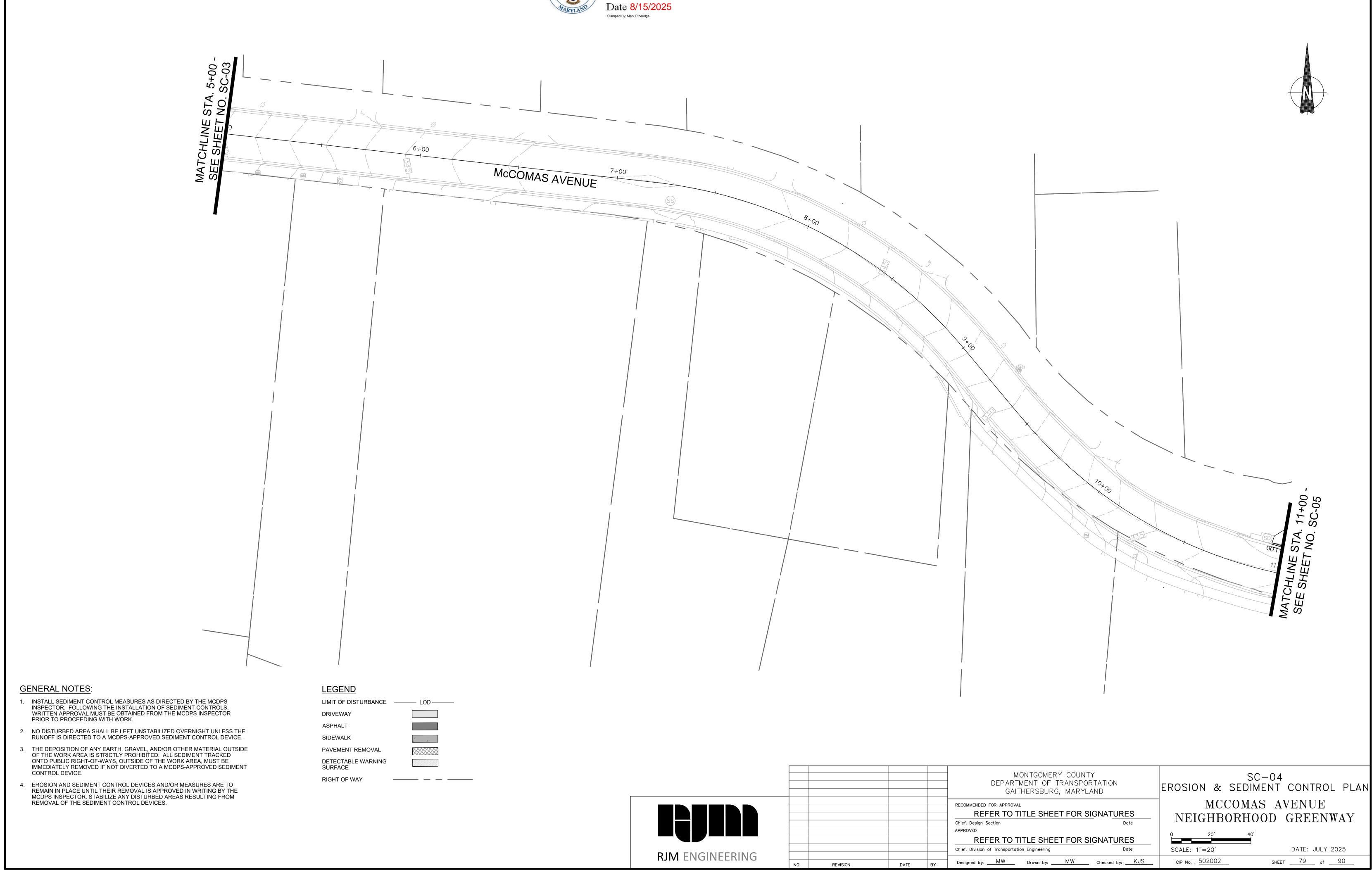
MCCOMAS AVENUE

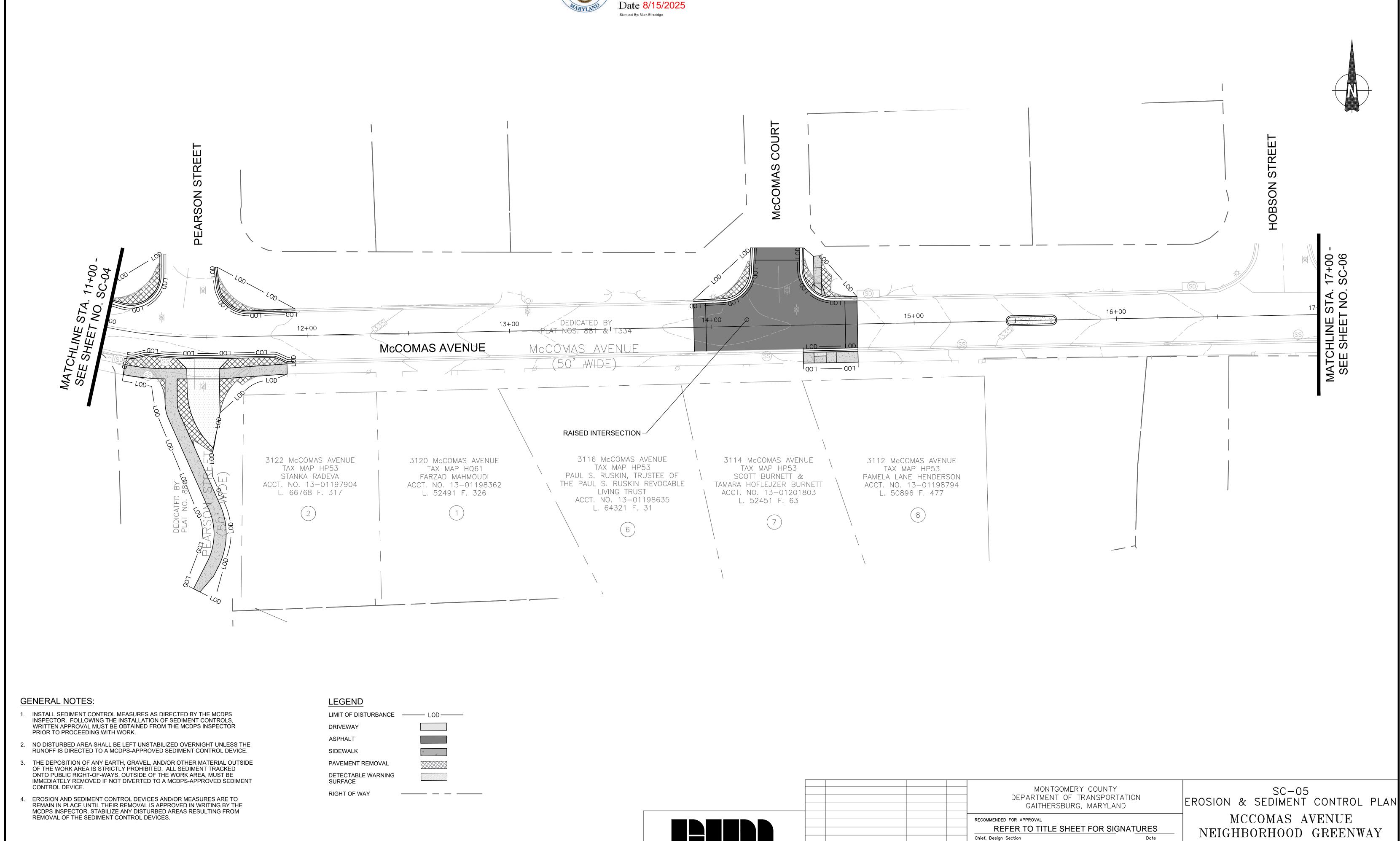
NEIGHBORHOOD GREENWAY

SCALE: 1"=20'

DATE: JULY 2025

CIP No. : 502002





DATE: JULY 2025

SHEET <u>80</u> of <u>90</u>

SCALE: 1"=20'

CIP No. : 502002

APPROVED

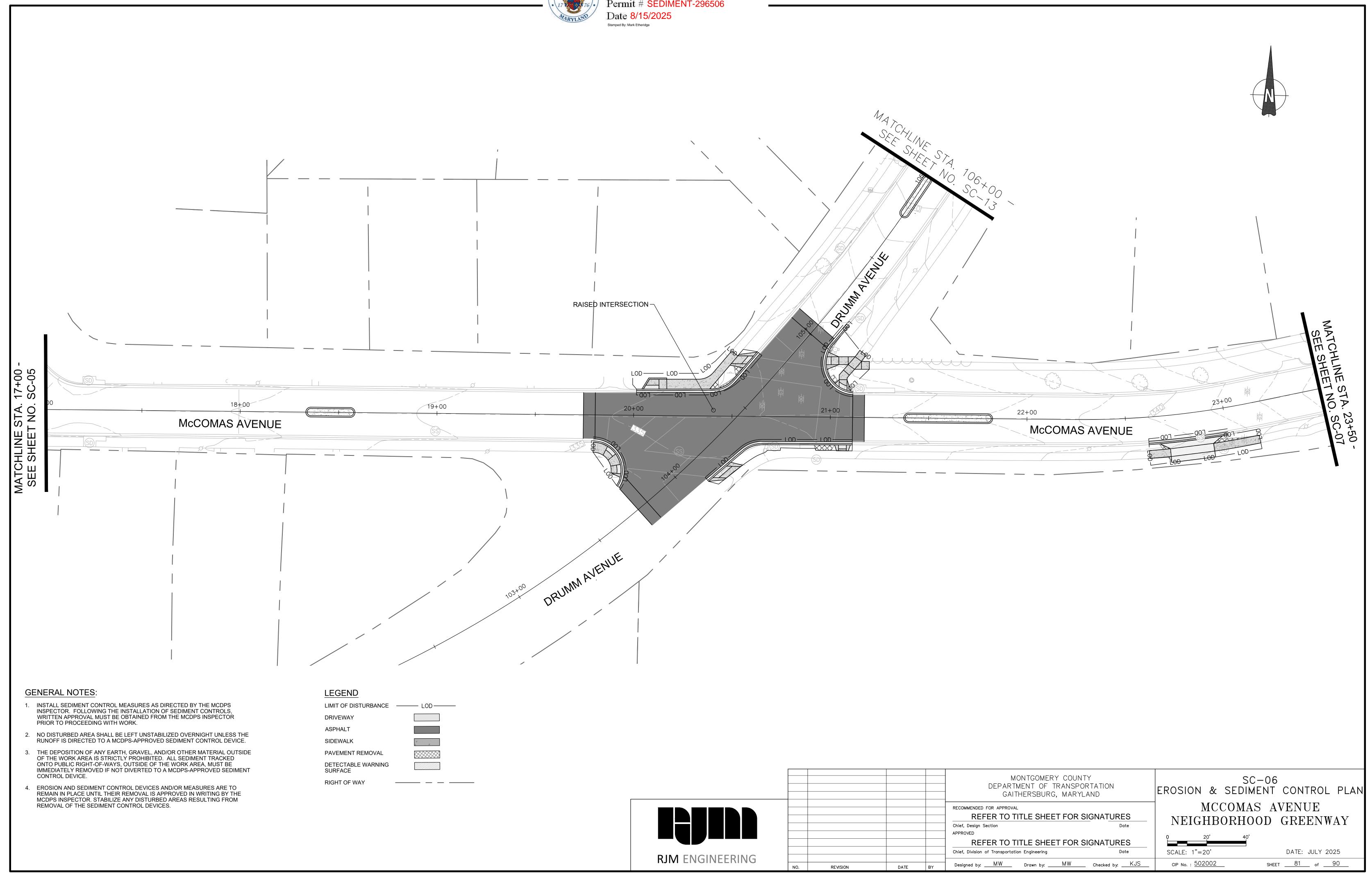
REVISION

Chief, Division of Transportation Engineering

REFER TO TITLE SHEET FOR SIGNATURES

Designed by: MW Drawn by: MW Checked by: KJS





DATE: JULY 2025

SHEET <u>83</u> of <u>90</u>

SCALE: 1"=20'

CIP No. : 502002

Chief, Division of Transportation Engineering

Designed by: ____MW ___ Drawn by: ____MW ___ Checked by: ___KJS

SCALE: 1"=20'

CIP No. : 502002

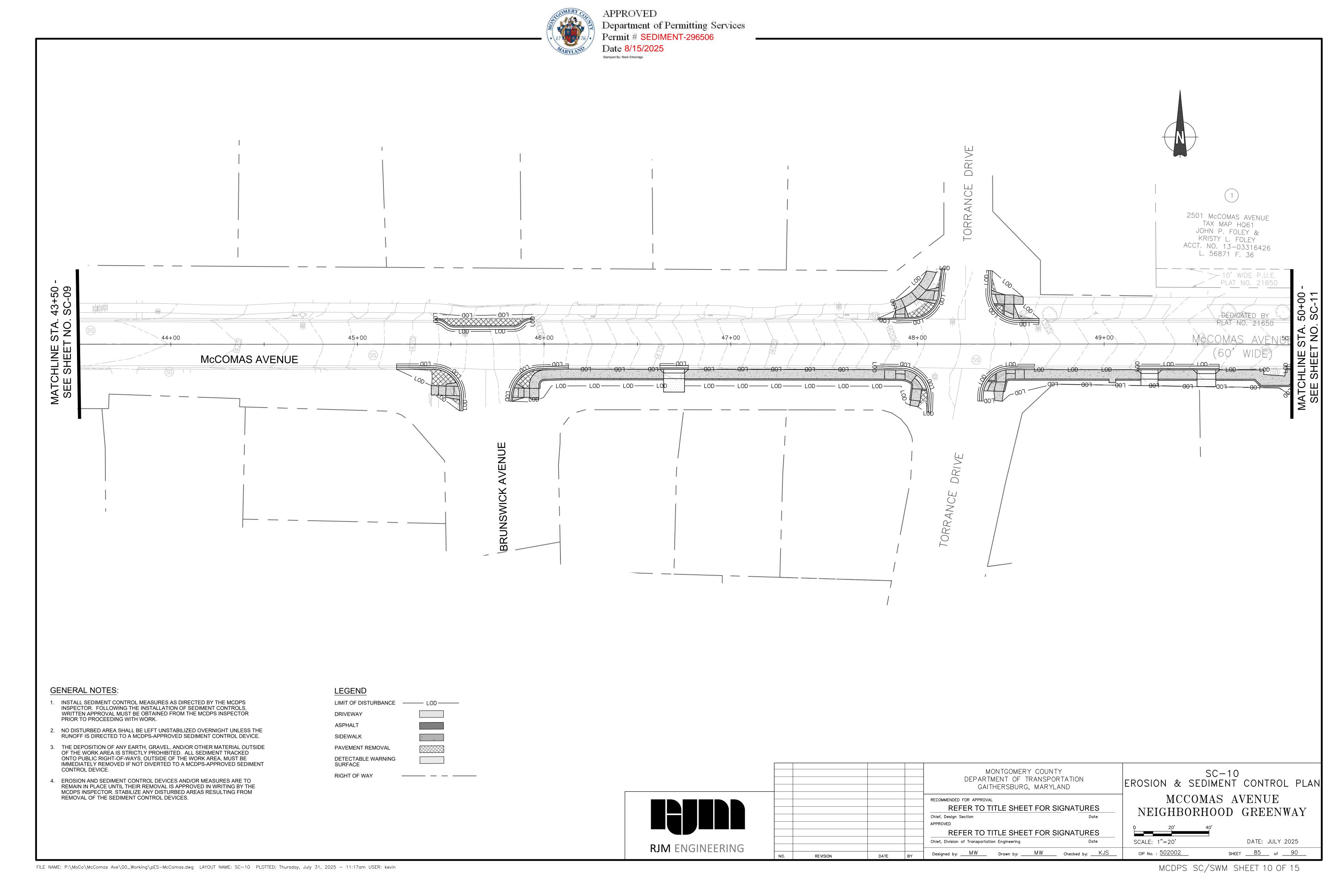
DATE: JULY 2025

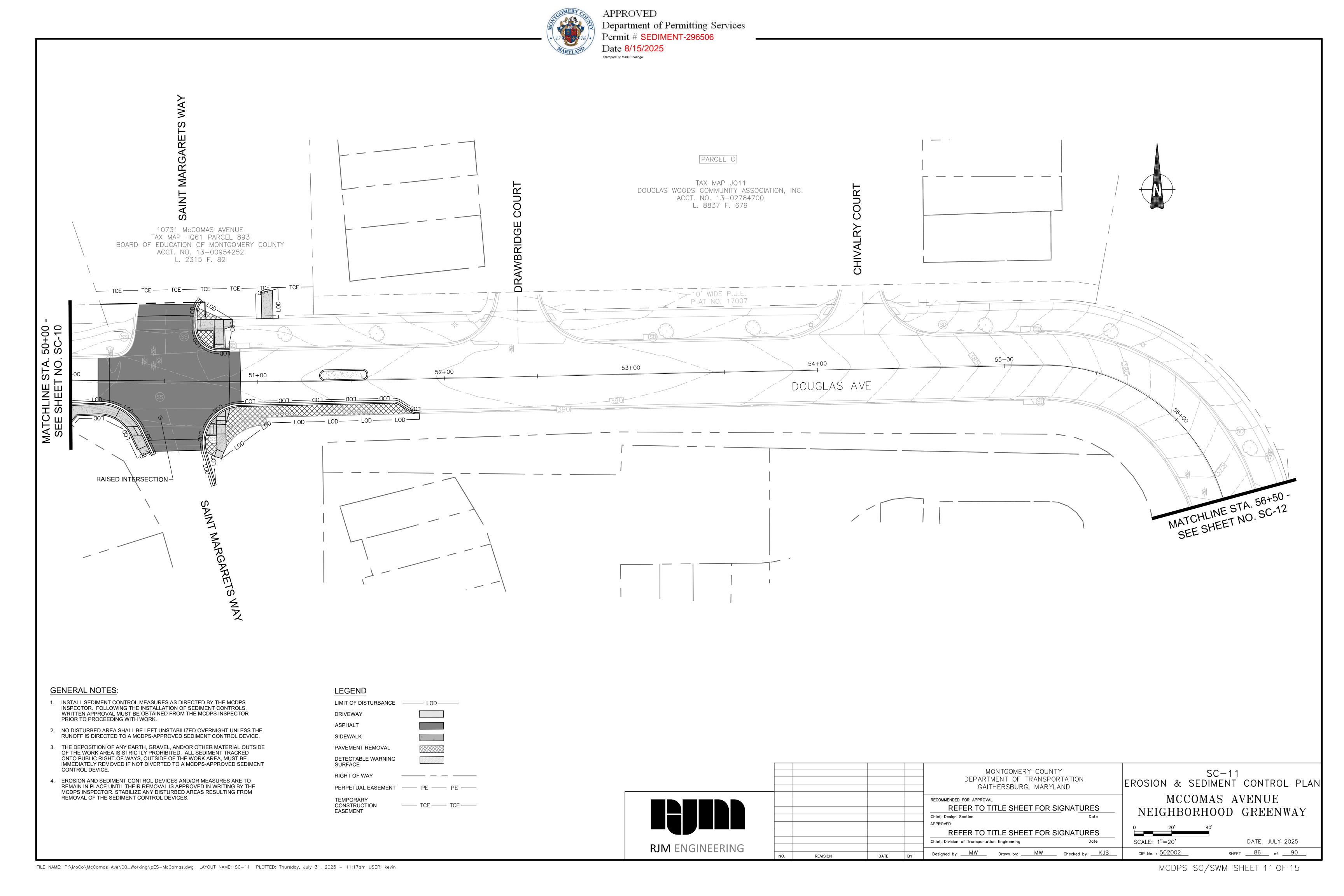
SHEET <u>84</u> of <u>90</u>

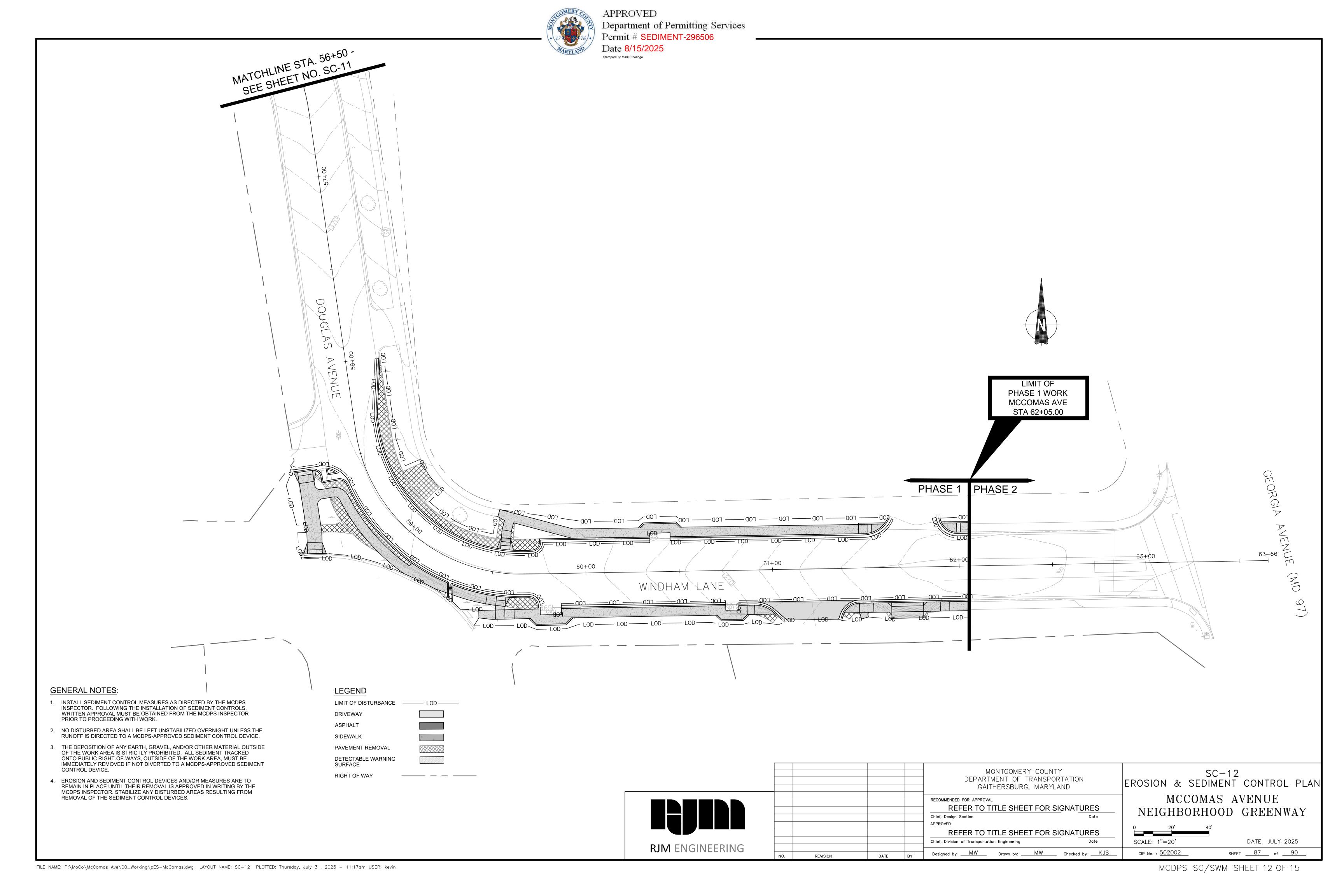
REFER TO TITLE SHEET FOR SIGNATURES

Designed by: ____MW ___ Drawn by: ____MW ___ Checked by: ___KJS

Chief, Division of Transportation Engineering







CIP No. : 502002

Designed by: ____MW ___ Drawn by: ____MW ___ Checked by: ___KJS

SHEET <u>88</u> of <u>90</u>

114+00

PROPOSED SPEED HUMP -

DRUMM AVENUE

113+00

GENERAL NOTES: <u>LEGEND</u> INSTALL SEDIMENT CONTROL MEASURES AS DIRECTED BY THE MCDPS LIMIT OF DISTURBANCE ——— LOD——— INSPECTOR. FOLLOWING THE INSTALLATION OF SEDIMENT CONTROLS, WRITTEN APPROVAL MUST BE OBTAINED FROM THE MCDPS INSPECTOR DRIVEWAY PRIOR TO PROCEEDING WITH WORK. ASPHALT 2. NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS THE RUNOFF IS DIRECTED TO A MCDPS-APPROVED SEDIMENT CONTROL DEVICE. SIDEWALK 3. THE DEPOSITION OF ANY EARTH, GRAVEL, AND/OR OTHER MATERIAL OUTSIDE OF THE WORK AREA IS STRICTLY PROHIBITED. ALL SEDIMENT TRACKED PAVEMENT REMOVAL DETECTABLE WARNING SURFACE ONTO PUBLIC RIGHT-OF-WAYS, OUTSIDE OF THE WORK AREA, MUST BE

RIGHT OF WAY

MONTGOMERY COUNTY

SC-14EROSION & SEDIMENT CONTROL PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

IMMEDIATELY REMOVED IF NOT DIVERTED TO A MCDPS-APPROVED SEDIMENT

EROSION AND SEDIMENT CONTROL DEVICES AND/OR MEASURES ARE TO REMAIN IN PLACE UNTIL THEIR REMOVAL IS APPROVED IN WRITING BY THE

REMOVAL OF THE SEDIMENT CONTROL DEVICES.

MCDPS INSPECTOR. STABILIZE ANY DISTURBED AREAS RESULTING FROM

CONTROL DEVICE.

STA.

SCALE: 1"=20'

CIP No. : 502002

DATE: JULY 2025

SHEET <u>90</u> of <u>90</u>

Chief, Division of Transportation Engineering

Designed by: ____MW ___ Drawn by: ____MW ___ Checked by: ___KJS