

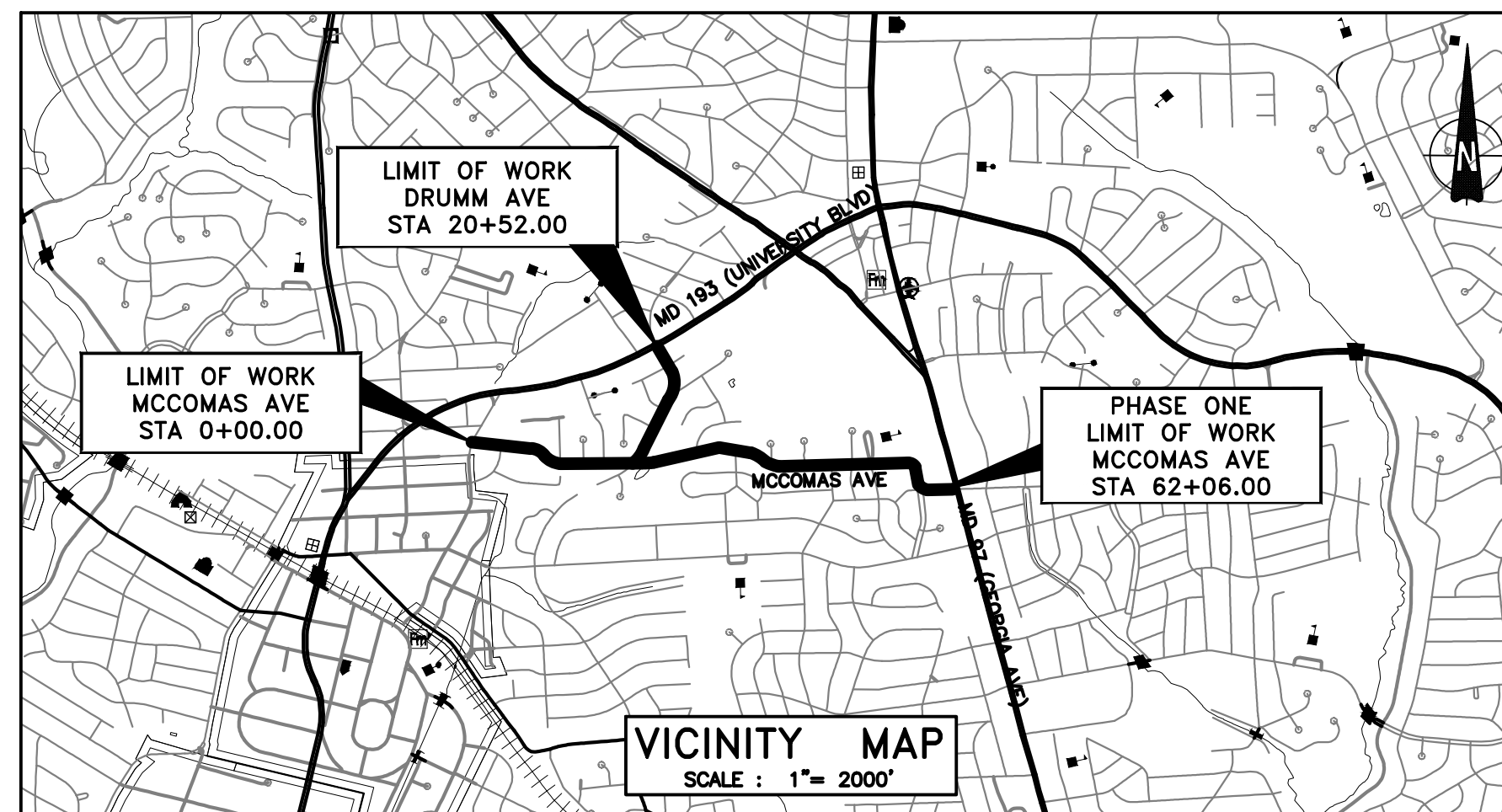
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION

MCCOMAS AVENUE NEIGHBORHOOD GREENWAY

PHASE ONE: ST. PAUL ST TO WEST OF MD 97 (GEORGIA AVE)

C. I. P. PROJECT NO. 502002

CONSTRUCTION PLANS



INDEX OF SHEETS

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* UNDER DEVELOPMENT. WILL BE INCLUDED WITH NEXT SUBMITTAL

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION MAINTENANCE CERTIFICATION

I HEREBY CERTIFY THAT THE DEPARTMENT OF TRANSPORTATION WILL ASSUME MAINTENANCE RESPONSIBILITIES FOR ALL STORMWATER MANAGEMENT FACILITIES AS LISTED AND SHOWN, HEREON, IN ACCORDANCE WITH THE MEMORANDUM OF UNDERSTANDING BETWEEN THIS DEPARTMENT AND THE DEPARTMENT OF ENVIRONMENTAL PROTECTION DATED SEPTEMBER 1, 1986. IF, FOR ANY REASON, FUTURE IMPROVEMENTS TO THE ROADWAY ARE PLANNED THAT WOULD IMPACT ANY OF THE STORMWATER MANAGEMENT FACILITIES INCLUDED HEREIN, THIS DEPARTMENT WILL NOTIFY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION DURING THE PLANNING OR EARLY DESIGN STAGE FOR SUCH IMPROVEMENTS.

DATE _____ JOSE THOMMANA
ACTING CHIEF
DIVISION OF TRANSPORTATION ENGINEERING

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.

DATE _____ JOSE THOMMANA
ACTING CHIEF
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.

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

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 1,145 CUBIC YARDS OF EXCAVATION, 145 CUBIC YARDS OF FILL AND THE TOTAL AREA TO BE DISTURBED AS SHOWN ON THESE PLANS HAS BEEN DETERMINED TO BE 37,850 SQUARE FEET OR 0.87 ACRES.

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

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

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

DRAFT
NOT FOR CONSTRUCTION

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

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

GN-01
TITLE SHEET
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

DATE: APRIL 2024

CIP No. : 502002 SHEET 1 of 54

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					
TYPE OF PERMIT	REQD	NOT REQD	PERMIT #	EXPIRATION DATE	WORK RESTRICTION DATES
MCDPS Floodplain District		X			
a. Corps of Engineers		X			
b. MDE		X			
c. MDE Water Quality Certification		X			
MDE Dam Safety		X			
MSCD Small Pond Approval		X			
* DPS Roadside Trees Protection Plan		X		Approval Date	
** N.P.D.E.S. NOTICE OF INTENT		X			
FEMA LOMR (Required Post Construction)		X			
OTHERS (Please List):					

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

** 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.

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.	
Exempt: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If exempt under Section 55-5 of the Code, please check the applicable exemption category below.	
Total Property Area N/A square feet	Total Disturbed Area 37,850 square feet
Shade Trees Required 15	Shade Trees Proposed to be Planted 0
Fee in Lieu (Trees Required - Trees Planted) x \$250	\$ 3,750.00
Required Number of Shade Trees	
Area (sq. ft.) of the Limits of Disturbance	Number of Shade Trees Required
FROM TO	
1 6,000	3
6,001 8,000	6
8,001 12,000	9
12,001 14,000	12
14,001 40,000	15
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 ÷ 40,000) x 15	
EXEMPTION CATEGORIES:	
<input type="checkbox"/> 55-5(a) any activity that is subject to Article II of Chapter 22A; <input type="checkbox"/> 55-5(b) any commercial logging or timber harvesting operation with an approved exemption from Article II of Chapter 22A; <input type="checkbox"/> 55-5(f) any activity conducted by the County Parks Department; <input type="checkbox"/> 55-5(g) routine or emergency maintenance of an existing stormwater management facility, including an existing access road, if the person performing the	<input type="checkbox"/> maintenance has obtained all required permits; <input type="checkbox"/> 55-5(h) any stream restoration project if the person performing the work has obtained all necessary permits; <input type="checkbox"/> 55-5(i) cutting or clearing any tree to comply with applicable provisions of any federal, state, or local law governing safety of dams; <input type="checkbox"/> OTHER: Specify per Section 55-5 of the Code.

TECHNICAL REVIEW OF SEDIMENT CONTROL	ADMINISTRATIVE REVIEW	
REVIEWED _____ DATE _____	REVIEWED _____ DATE _____	DPS approval of a sediment control or stormwater management plan is for demonstrated compliance with minimum environmental runoff treatment standards and does not create or imply any right to divert or concentrate runoff onto any adjacent property without that property owner's permission. It does not relieve the design engineer or other responsible person of professional liability or ethical responsibility for the adequacy of the drainage design as it affects uphill or downhill properties.
TECHNICAL REVIEW OF STORMWATER MANAGEMENT	SMALL LOT DRAINAGE APPROVAL	
REVIEWED _____ DATE _____	N/A: <input type="checkbox"/> OR REVIEWED _____ DATE _____	XXXXXX #XXXXXX SM. FILE NO. STORMWATER MANAGEMENT:
MCDPS APPROVAL OF THIS PLAN WILL EXPIRE TWO YEARS FROM THE DATE OF APPROVAL IF THE PROJECT HAS NOT STARTED.		
NOTE: MCDPS APPROVAL DOES NOT NEGATE THE NEED FOR A MCDPS ACCESS PERMIT.		

GENERAL NOTES


- THE SPECIFICATIONS FOR THIS CONTRACT WILL BE THOSE OF THE MARYLAND STATE HIGHWAY ADMINISTRATION DATED JULY 2023, 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.
- FOR CONSTRUCTION, CONTROL SHALL BE BASED ON NAD 83/91, NAVD 88 DATUM.
- 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.
- 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.
- CALL "MISS UTILITY" AT 1-800-257-7777 FORTY-EIGHT (48) HOURS PRIOR TO BEGINNING EXCAVATION TO DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES.
- CLEARING IS TO BE LIMITED TO THE "LIMIT OF DISTURBANCE" AS SHOWN ON THE PLANS.
- ALL GRADING SHALL BE DONE IN SUCH A MANNER AS TO PROVIDE POSITIVE DRAINAGE.
- DISTURBED AREAS ADJACENT TO ESTABLISHED LAWNS SHALL BE SODED. OTHER DISTURBED AREAS SHALL BE SEEDED AND MULCHED.
- THE CONTRACTOR SHALL MAINTAIN THE APPROVED ROADSIDE TREE PERMIT FOR ANY MAINTENANCE, TREATMENT, PLANTING, REMOVAL, OR ROOT CUTTING ON TREES WITHIN THE PUBLIC RIGHT OF WAY. PERMIT REQUIREMENTS MAY BE OBTAINED FROM THE DEPARTMENT OF NATURAL RESOURCES, MARYLAND FOREST, PARK AND WILDLIFE SERVICE, TELEPHONE 301-854-6060
- 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.
- ALL UTILITY POLES AND GUY WIRES NOTED FOR RELOCATION SHALL BE PERFORMED BY OTHERS.
- 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
- THE CONTRACTOR SHALL INSTALL PEDESTRIAN DETECTABLE WARNING SURFACES AT ALL SIDEWALK & PEDESTRIAN CROSSINGS. LOCATIONS AS DIRECTED BY THE ENGINEER. THE WARNING SURFACES SHALL BE IN CONFORMANCE WITH ADA REQUIREMENTS AND THE PROJECT SPECIAL PROVISION.
- 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

ABBREVIATIONS

ABAN.	Abandoned	HBX	Handbox	R	Radius
A.A.S.H.T.O.	American Association of State Highway Transportation Officials	H.D.P.E.	High-Density Polyethylene	RET. WALL	Retaining Wall
APPROX.	Approximate	H.E.R.C.P.	Horizontal Elliptical Reinforced Concrete Pipe	RP	Root Pruning
ASTM	American Society for Testing and Materials	HGL	Hydraulic Grade Line	RT	Right
B or B/L	Baseline	HP	High Point	RW or R/W	Right of Way
BIT.	Bituminous	HMA	Hot Mix Asphalt	R.C.P.	Reinforced Concrete Pipe
BOA	Beginning of Alignment	HT	Height	R.C.C.P.	Reinforced Concrete Cylinder Pipe
BVCE	Beginning of Vertical Curve Elevation	IN	Inch	SIG.	Signal Pole
BVCS	Beginning of Vertical Curve Station	INV	Invert	SHA. or S.H.A.	State Highway Administration
BLDG..	Building	L	Length	S	South
BOT.	Bottom	LANDSC.	Landscaped	S or SS or SAN.	Sanitary Sewer
C.A.	Center of Curve	L.F.	Linear Feet	SB	Southbound
C or C/L	Centerline	LOD	Limit of Disturbance	S.D.	Storm Drain
C.I.P.	Cast Iron Pipe	LOW	Limit of Work	SDP	Shrub Deer Protection
C.M.P.	Corrugated Metal Pipe	LP	Low Point	S.E.	Superelevation
C.O.	Cleanout	LT	Left	SF	Silt Fence
COMB.	Combination	LVC	Length of Vertical Curve	SFOP	Silt Fence On Pavement
CONC.	Concrete	Maint.	Maintenance	SF	Square Feet
CONSTR.	Construction	MH	Manhole	SHC	Sewer House Connection
CPI	Curve Point of Intersection	MAX.	Maximum	SSD	Stopping Sight Distance
C.P.P.	Corrugated Polyethylene Pipe	MCDPS	Montgomery County Department of Permitting Services	SSF	Super Silt Fence
CRZ	Critical Root Zone	MOD.	Modified	SSMH	Sewer Manhole
D.B.H.	Diameter Breast Height	MIN.	Minimum	STA.	Station
DC	Degree of Curve	M-NCPPC	Maryland-National Capital Park and Planning Commission	STD.	Standard
DIA.	Diameter			SO.	Single Opening
D.O.T. or DOT	Department Of Transportation	N	North	S.Y.	Square Yards
D.P.W. or DPW	Department of Public Works	NAD	North American Datum	SWM	Stormwater Management
D.H.V.	Design Hour Volume	NAVD	North American Vertical Datum	SW	Sidewalk
DWS	Detectable Warning Surface	NB	Northbound	T	Tangent
D.I.	Drop Inlet	NE	Northeast	T or Tele.	Telephone
D.I.	Ductile Iron	NO.	Number	TBA	To Be Abandoned
D.O.	Double Opening	N.T.S.	or NTS Not To Scale	TCE	Temporary Construction Easement
E	East	O.C.	On Center	T.C.P.	Terra Cotta Pipe
Elec.	Electric	PWMT.	Pavement	TPF	Tree Protection Fence
E.A.	Each	PED.	Pedestrian	T.S.	Top of Structure Elevation
E.B.	Eastbound	P.C.	Point of Curvature	TRAV.	Traverse
EB	Electric Box	P.C.C.	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
		PT.	Point	YR	Year
		P.T.	Point of Tangency		
		P.V.C.	Point of Vertical Curve		
		PVC	Polyvinyl Chloride		
		PVI	Point of Vertical Intersection		

LEGEND

□EB	ELECTRIC BOX	SPOT ELEVATION
⊕	ELECTRIC MANHOLE	WIRE FENCE / CHAIN LINK FENCE
⊖	ELECTRIC METER	INDEX CONTOUR
□HBX	HANDBOX	INTERVAL CONTOUR
⊙	CLEAN OUT	OVERHEAD WIRES
■MB	MAIL BOX	ABANDONED GAS LINE
⊕	GAS MANHOLE	EXISTING GAS
⊖	GAS METER	EXISTING ELECTRIC
⊖	GAS VALVE	EXISTING TELEPHONE
⊖	WATER MANHOLE	EXISTING SANITARY SEWER
⊖	WATER VALVE	EXISTING CABLE TV
⊖	WATER METER	EXISTING FIRE LINE
⊖	FIRE HYDRANT	EXISTING FIBER OPTIC
⊖	SANITARY MANHOLE	EXISTING WATER
⊖	STORM DRAIN MANHOLE	PROPERTY LINE
⊖	TELEPHONE MANHOLE	EXISTING RIGHT OF WAY
■TEL	TELEPHONE RISER	TOE OF FILL
□TV	TV (CABLE) RISER	TOP OF CUT
⊖	UNKNOWN MANHOLE	LIMIT OF DISTURBANCE
⊖	SIGN	TEMPORARY CONSTRUCTION EASEMENT
⊖	TREE	REVERTIBLE SLOPE EASEMENT
⊖	HEDGE/BUSHES	PERPETUAL EASEMENT
△JMT00	TRAVERSE POINT	WOODEN RAILING / WOOD FENCE
⊖	DETECTABLE WARNING SURFACE (DWS)	CURB AND GUTTER GUARDRAIL
⊖	EXISTING LIGHT POLE	
⊖	EXISTING UTILITY POLE	
⊖	EXISTING GUY WIRE	
⊖	EXISTING UTILITY POLE WITH PROPOSED LEASE LIGHT	
⊖	PROPOSED PEDESTRIAN LIGHT POLE	
⊖	PROPOSED UTILITY POLE	
⊖	PROPOSED UTILITY POLE WITH PROPOSED LEASE LIGHT	
⊖	PROPOSED SIGNAL POLE	

DRAFT NOT FOR CONSTRUCTION	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND		GN-02 GENERAL NOTES MCCOMAS AVENUE NEIGHBORHOOD GREENWAY
	RECOMMENDED FOR APPROVAL		
	Chief, Design Section APPROVED	_____ Date	
Chief, Division of Transportation Engineering	_____ Date		
Designed by: <u>MDS</u>	Drawn by: <u>TRS</u>	Checked by: <u>JJR</u>	CIP No. : <u>502002</u>
			DATE: APRIL 2024
	NO. _____ REVISION _____ DATE _____ BY _____	SHEET <u>2</u> of <u>54</u>	

**LIMIT OF WORK
MCCOMAS AVE
STA 0+00.00**

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

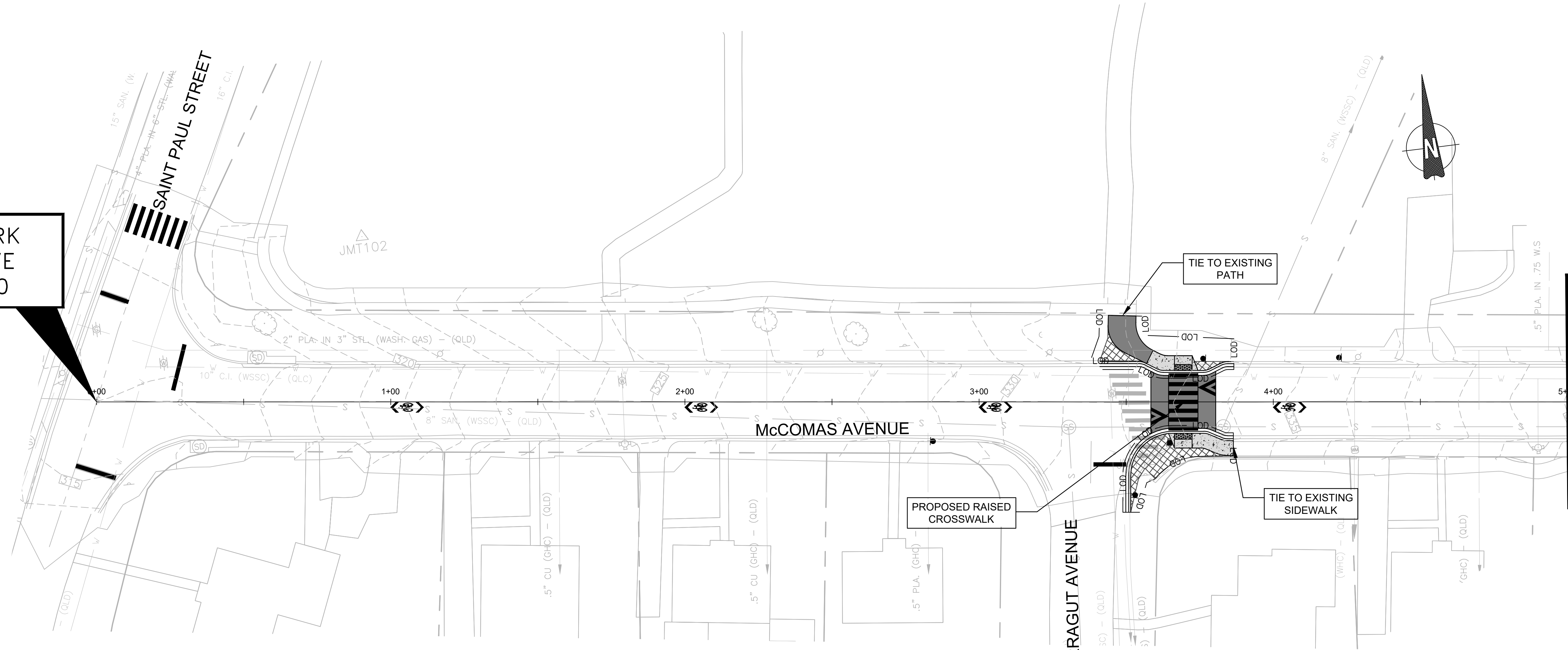
DETECTABLE WARNING SURFACE MD-655.40		
QUANTITY	STATION	WIDTH
12 SF	3+79 LT	6.0'
12 SF	3+79 RT	6.0'

REMOVE EXISTING PAVEMENT		
QUANTITY	FROM	TO
49 SF	3+41 LT	3+55 LT
20 SF	3+73 RT	3+85 RT
211 SF	3+50 RT	3+86 RT

RASIED ASPHALT PAVEMENT		
QUANTITY	FROM	TO
406 SF	3+58	3+80

SIDEPATH		
QUANTITY	FROM	TO
140 SF	3+44 LT	3+58 LT

RESIDENTIAL SIDEWALK MC-110.01		
QUANTITY	FROM	TO
67 SF	3+58 LT	3+73 LT
96 SF	3+66 RT	3+84 RT



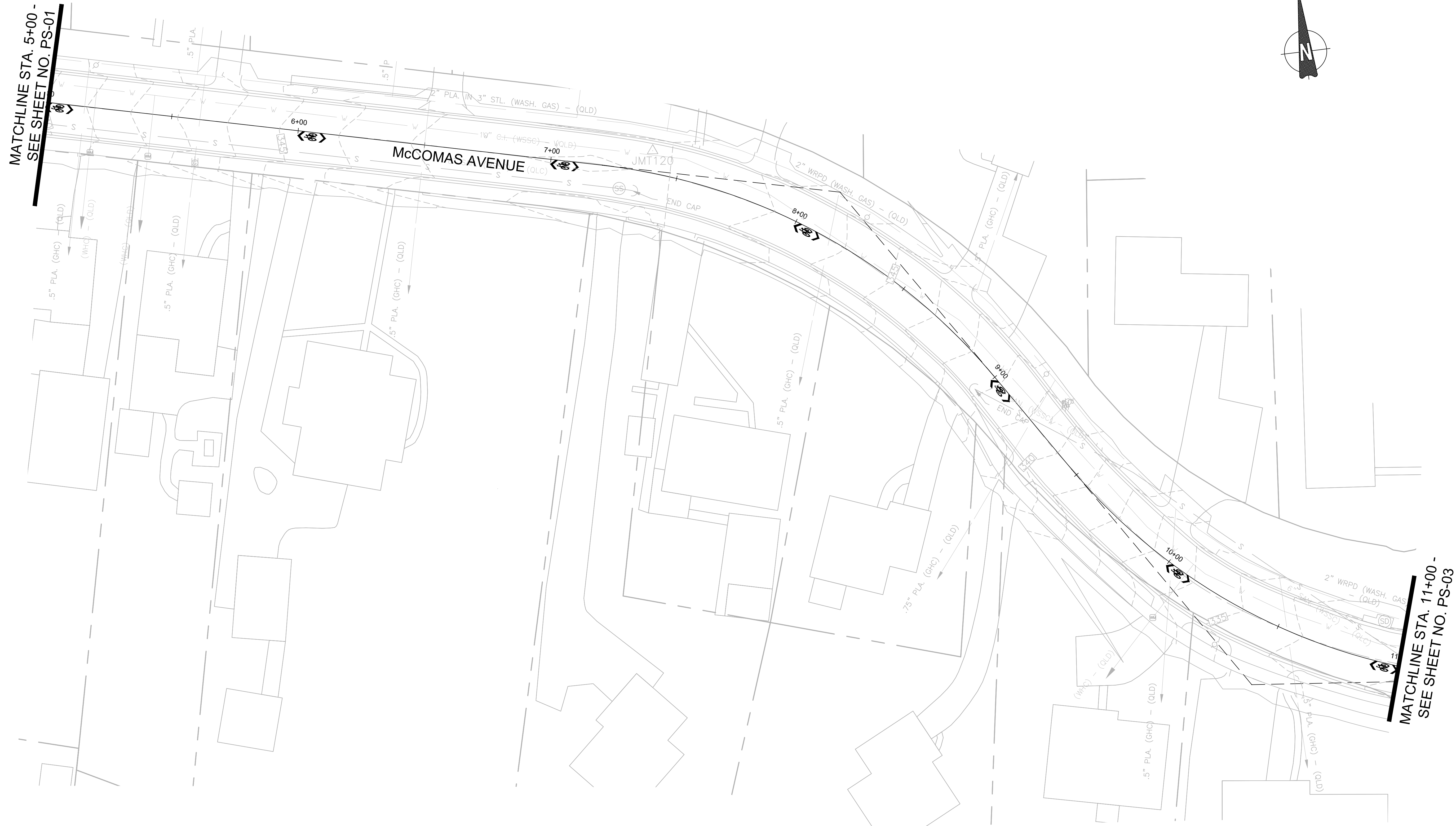
**MATCHLINE STA. 5+00 -
SEE SHEET NO. PS-02**

- NOTES:**
- REFERENCE DETAIL DRAWINGS FOR RAISED CROSSWALK, RAISED INTERSECTIONS, SPEED HUMPS.

LEGEND	
---	LIMIT OF DISTURBANCE
---	EXISTING ROW
	PROPOSED RAISED ASPHALT PAVEMENT
	PROPOSED DRIVEWAY
	PROPOSED CONCRETE SIDEWALK
	PROPOSED DETECTABLE WARNING SURFACE
	PROPOSED PAVEMENT REMOVAL

DRAFT NOT FOR CONSTRUCTION 	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND		PS-01 ROADWAY PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY
	RECOMMENDED FOR APPROVAL Chief, Design Section _____ Date _____ APPROVED Chief, Division of Transportation Engineering _____ Date _____		 SCALE: 1"=20' DATE: APRIL 2024
NO. _____ REVISION _____ DATE _____ BY _____	Designed by: <u>MDS</u> Drawn by: <u>TRS</u> Checked by: <u>JJR</u>	CIP No. : 502002 SHEET <u>3</u> of <u>54</u>	

MATCHLINE STA. 5+00 -
SEE SHEET NO. PS-01




MATCHLINE STA. 11+00 -
SEE SHEET NO. PS-03

- NOTES:
1. REFERENCE DETAIL DRAWINGS FOR RAISED CROSSWALK, RAISED INTERSECTIONS, SPEED HUMPS.

LEGEND	
— LDD —	LIMIT OF DISTURBANCE
---	EXISTING ROW
	PROPOSED RAISED ASPHALT PAVEMENT
	PROPOSED DRIVEWAY
	PROPOSED CONCRETE SIDEWALK
	PROPOSED DETECTABLE WARNING SURFACE
	PROPOSED PAVEMENT REMOVAL

**DRAFT
NOT FOR CONSTRUCTION**



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

Designed by: MDS Drawn by: TRS Checked by: JJR

PS-02
ROADWAY PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

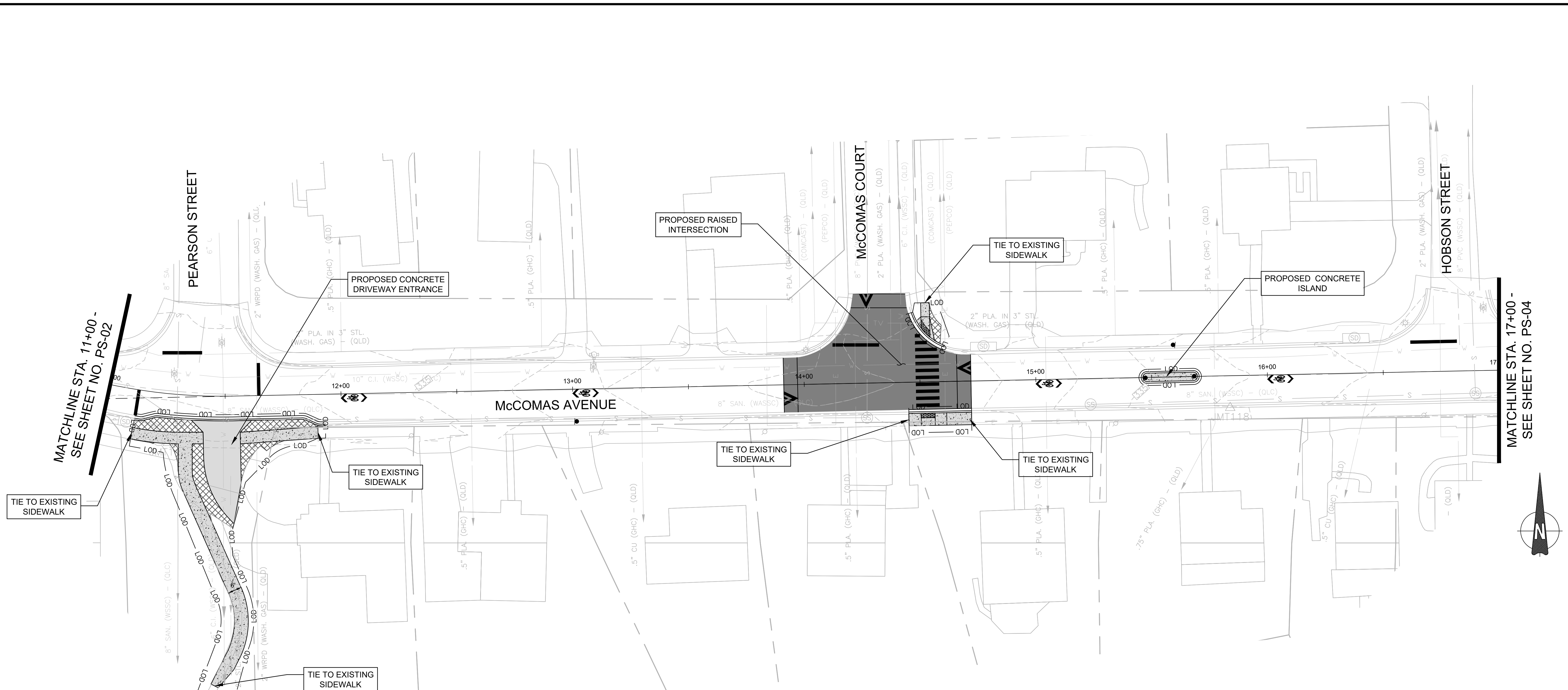
SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 4 of 54

MATCHLINE STA. 11+00 -
SEE SHEET NO. PS-02

MATCHLINE STA. 17+00 -
SEE SHEET NO. PS-04



NOTES:
1. REFERENCE DETAIL DRAWINGS FOR RAISED CROSSWALK, RAISED INTERSECTIONS, SPEED HUMPS.

LEGEND

--- LOD ---	LIMIT OF DISTURBANCE		PROPOSED RAISED ASPHALT PAVEMENT
---	EXISTING ROW		PROPOSED DRIVEWAY
	PROPOSED CONCRETE SIDEWALK		PROPOSED DETECTABLE WARNING SURFACE
	PROPOSED PAVEMENT REMOVAL		

RESIDENTIAL SIDEWALK
MC-110.01

QUANTITY	FROM	TO
984 SF	11+12 RT	11+89 RT
134 SF	14+45 RT	14+72 RT
52 SF	14+49 LT	14+57 LT

DETECTABLE WARNING SURFACE
MD-655.40

QUANTITY	STATION	WIDTH
12 SF	14+53 RT	6.0'
12 SF	14+53 RT	6.0'

COMBINATION CONCRETE CURB AND GUTTER - TYPE A
MC-100.01

QUANTITY	FROM	TO
88 LF	11+12 RT	11+89 RT
27 LF	14+45 RT	14+72 RT
36 LF	14+49 LT	14+57 LT

RESIDENTIAL DRIVEWAY
MC - 301.01

QUANTITY	STATION	WIDTH
66 SY	11+50 RT	16.0'

RAISED ASPHALT PAVEMENT

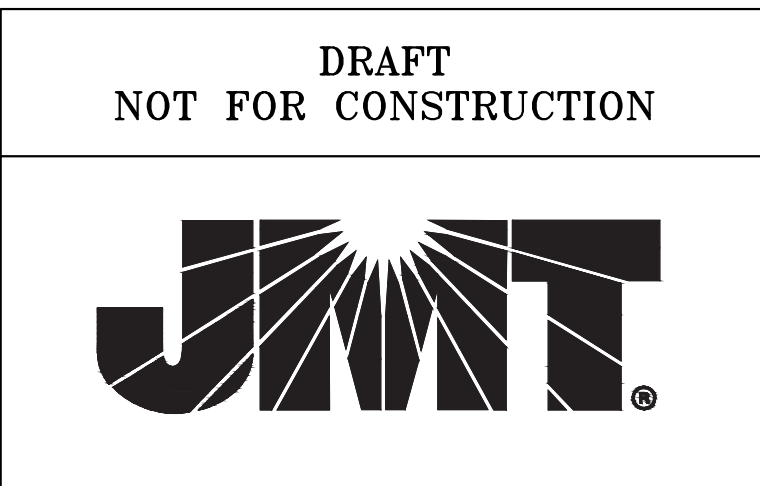
QUANTITY	FROM	TO
436 SF	11+12 RT	11+89 RT
2802 SF	13+91	14+72

REMOVE EXISTING PAVEMENT

QUANTITY	FROM	TO
436 SF	11+12 RT	11+89 RT
38 SF	14+54 LT	14+57 LT

MONOLITHIC CONCRETE MEDIAN
MD-645.01

QUANTITY	FROM	TO
58 LF	15+45	15+65



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

Designed by: MDS Drawn by: TRS Checked by: JJR

PS-03
ROADWAY PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 5 of 54

COMBINATION CONCRETE CURB AND GUTTER - TYPE A MC-100.01		
QUANTITY	FROM	TO
31 LF	19+80 RT	19+95 RT
70 LF	20+04 LT	20+63 LT
17 LF	20+38 RT	20+56 RT
30 LF	20+99 LT	21+20 LT
19 LF	21+02 RT	20+10 RT
40 LF	22+61 RT	23+01 RT

RESIDENTIAL SIDEWALK MC-110.01		
QUANTITY	FROM	TO
31 LF	19+80 RT	19+95 RT
70 LF	20+04 LT	20+63 LT
17 LF	20+38 RT	20+56 RT
30 LF	20+99 LT	21+20 LT
19 LF	21+02 RT	20+10 RT
40 LF	22+61 RT	23+01 RT

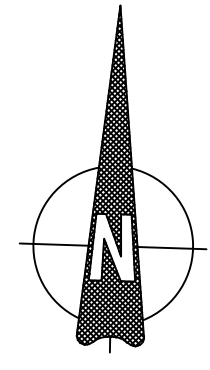
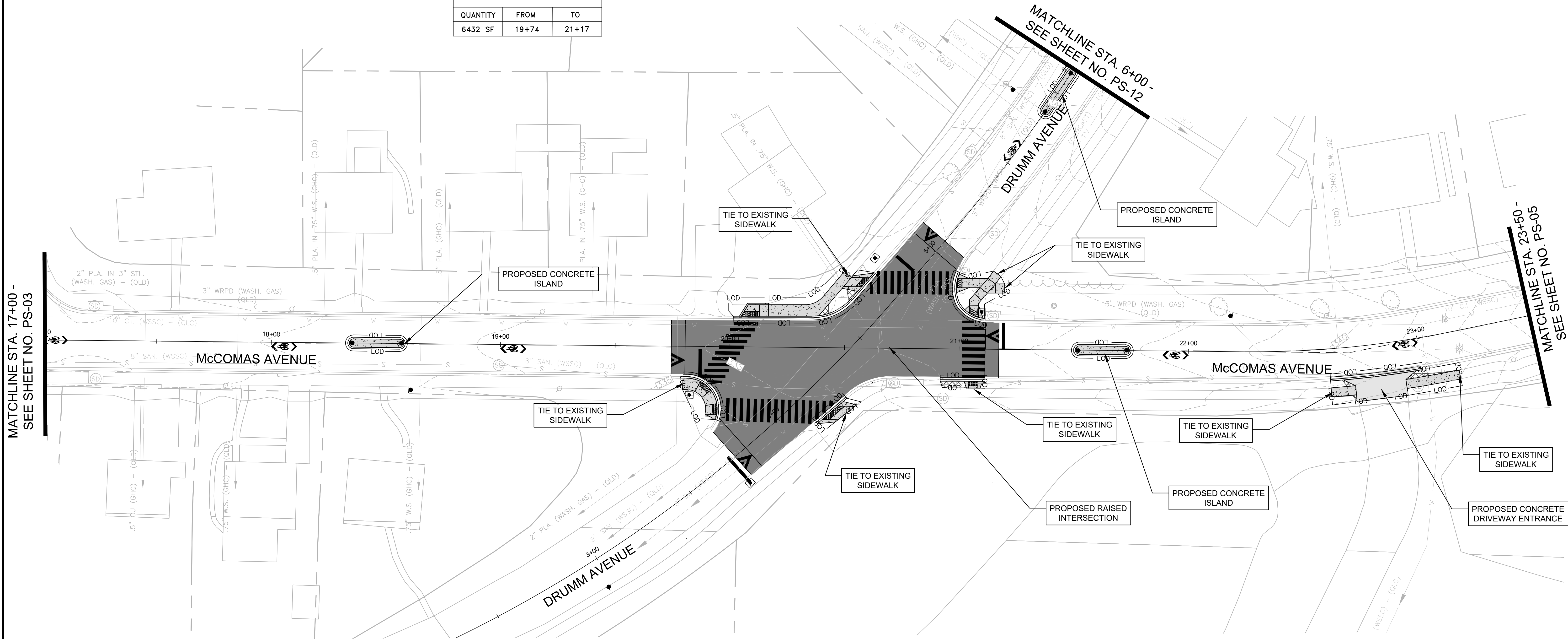
DETECTABLE WARNING SURFACE MD-655.40		
QUANTITY	STATION	WIDTH
12 SF	19+91 RT	6.0'
10 SF	19+94 RT	6.0'
15 SF	20+09 LT	6.0'
10 SF	20+59 LT	6.0'
8 SF	21+00 LT	6.0'
9 SF	21+06 LT	6.0'
18 SF	20+46 RT	6.0'
8 SF	21+07 RT	6.0'

REMOVE EXISTING PAVEMENT		
QUANTITY	FROM	TO
21 SF	20+39 LT	20+56 LT
25 SF	20+92 RT	21+02 RT
29 SF	22+66 RT	23+15 RT

RESIDENTIAL DRIVEWAY MC - 301.01		
QUANTITY	STATION	WIDTH
26 SY	22+78 RT	10.0'

MONOLITHIC CONCRETE MEDIAN MD-645.01		
QUANTITY	FROM	TO
56 LF	18+33	18+53
56 LF	21+50	21+75
56 LF	5+75 DRUM AVE	6+00 DRUM AVE

RAISED ASPHALT PAVEMENT		
QUANTITY	FROM	TO
6432 SF	19+74	21+17



LEGEND	
--- LOD	PROPOSED RAISED ASPHALT PAVEMENT
---	EXISTING ROW
■	PROPOSED DRIVEWAY
▨	PROPOSED CONCRETE SIDEWALK
▩	PROPOSED DETECTABLE WARNING SURFACE
▧	PROPOSED PAVEMENT REMOVAL

NOTES:
 1. REFERENCE DETAIL DRAWINGS FOR RAISED CROSSWALK, RAISED INTERSECTIONS, SPEED HUMPS.

DRAFT
NOT FOR CONSTRUCTION

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

Designed by: MDS Drawn by: TRS Checked by: JJR

PS-04
ROADWAY PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20'

DATE: MARCH 2024

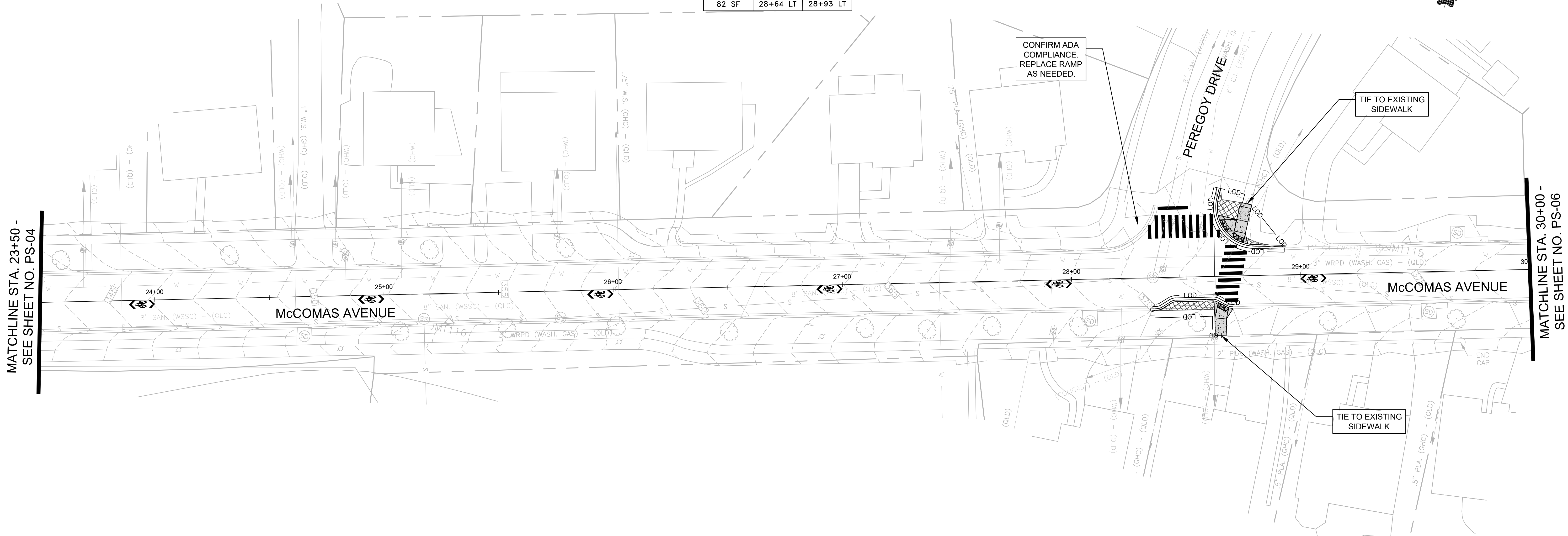
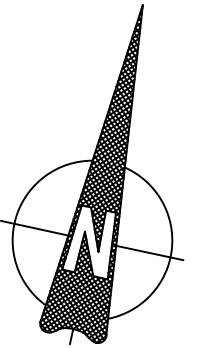
CIP No.: 502002 SHEET 6 of 54

RESIDENTIAL SIDEWALK MC-110.01		
QUANTITY	FROM	TO
68 SF	28+60 RT	28+70 RT
107 SF	28+64 LT	28+80 LT

DETECTABLE WARNING SURFACE MD-655.40		
QUANTITY	STATION	WIDTH
10 SF	28+65 RT	6.0'
12 SF	28+67 LT	6.0'
10 SF	28+73 LT	6.0'

COMBINATION CONCRETE CURB AND GUTTER - TYPE A MC-100.01		
QUANTITY	FROM	TO
37 LF	28+35 RT	28+70 RT
50 LF	28+64 LT	28+93 LT

REMOVE EXISTING PAVEMENT		
QUANTITY	FROM	TO
78 SF	28+35 RT	28+70 RT
82 SF	28+64 LT	28+93 LT



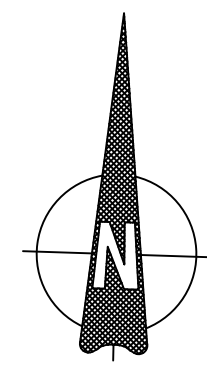
MATCHLINE STA. 23+50 -
SEE SHEET NO. PS-04

MATCHLINE STA. 30+00 -
SEE SHEET NO. PS-06

- NOTES:
- REFERENCE DETAIL DRAWINGS FOR RAISED CROSSWALK, RAISED INTERSECTIONS, SPEED HUMPS.

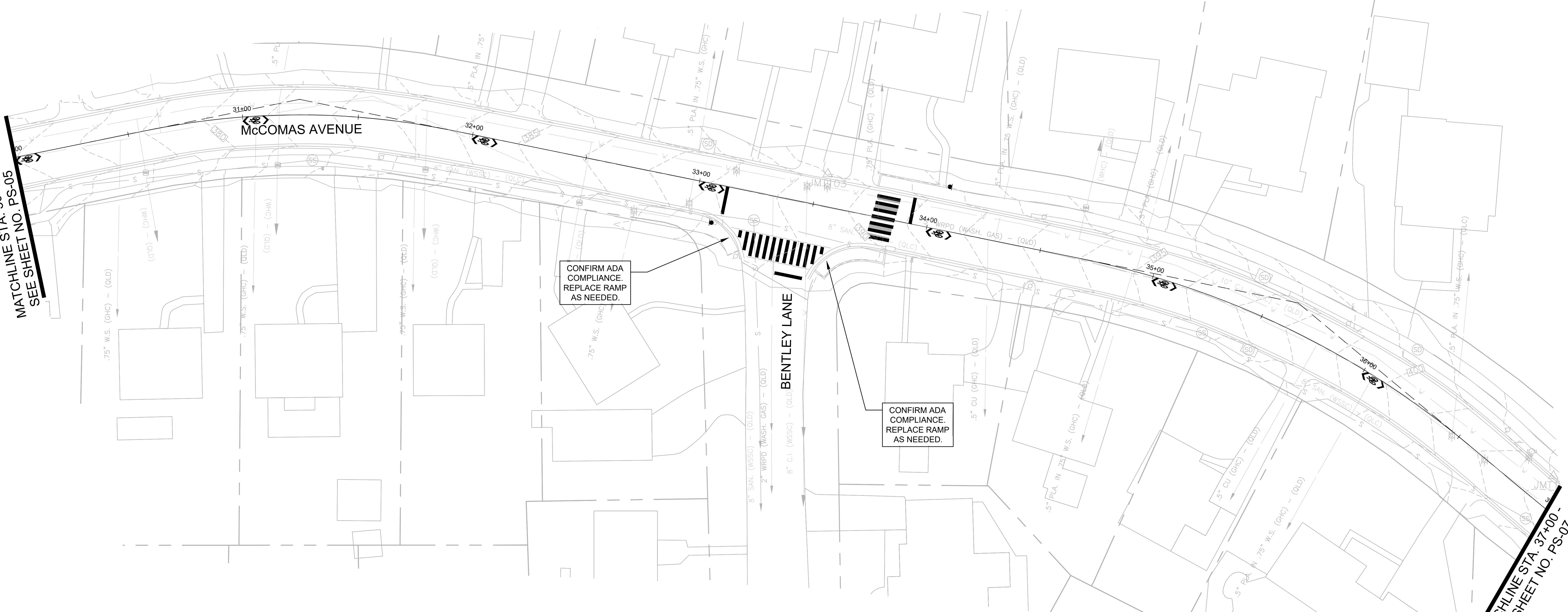
LEGEND	
— LOD —	PROPOSED RAISED ASPHALT PAVEMENT
---	EXISTING ROW
[Pattern]	PROPOSED DRIVEWAY
[Pattern]	PROPOSED CONCRETE SIDEWALK
[Pattern]	PROPOSED DETECTABLE WARNING SURFACE
[Pattern]	PROPOSED PAVEMENT REMOVAL

DRAFT NOT FOR CONSTRUCTION 	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND		PS-05 ROADWAY PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY
	RECOMMENDED FOR APPROVAL Chief, Design Section _____ Date _____ APPROVED Chief, Division of Transportation Engineering _____ Date _____		 SCALE: 1"=20' DATE: APRIL 2024
NO. _____ REVISION _____ DATE _____ BY _____	Designed by: <u>MDS</u> Drawn by: <u>TRS</u> Checked by: <u>JJR</u>	CIP No. : 502002 SHEET 7 of 54	



MATCHLINE STA. 30+00 -
SEE SHEET NO. PS-05

MATCHLINE STA. 37+00 -
SEE SHEET NO. PS-07



NOTES:
1. REFERENCE DETAIL DRAWINGS FOR RAISED CROSSWALK, RAISED INTERSECTIONS, SPEED HUMPS.

LEGEND

— L.O.D. —	PROPOSED RAISED ASPHALT PAVEMENT
- - - EXISTING ROW	PROPOSED DRIVEWAY
[Pattern]	PROPOSED CONCRETE SIDEWALK
[Pattern]	PROPOSED DETECTABLE WARNING SURFACE
[Pattern]	PROPOSED PAVEMENT REMOVAL

**DRAFT
NOT FOR CONSTRUCTION**



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

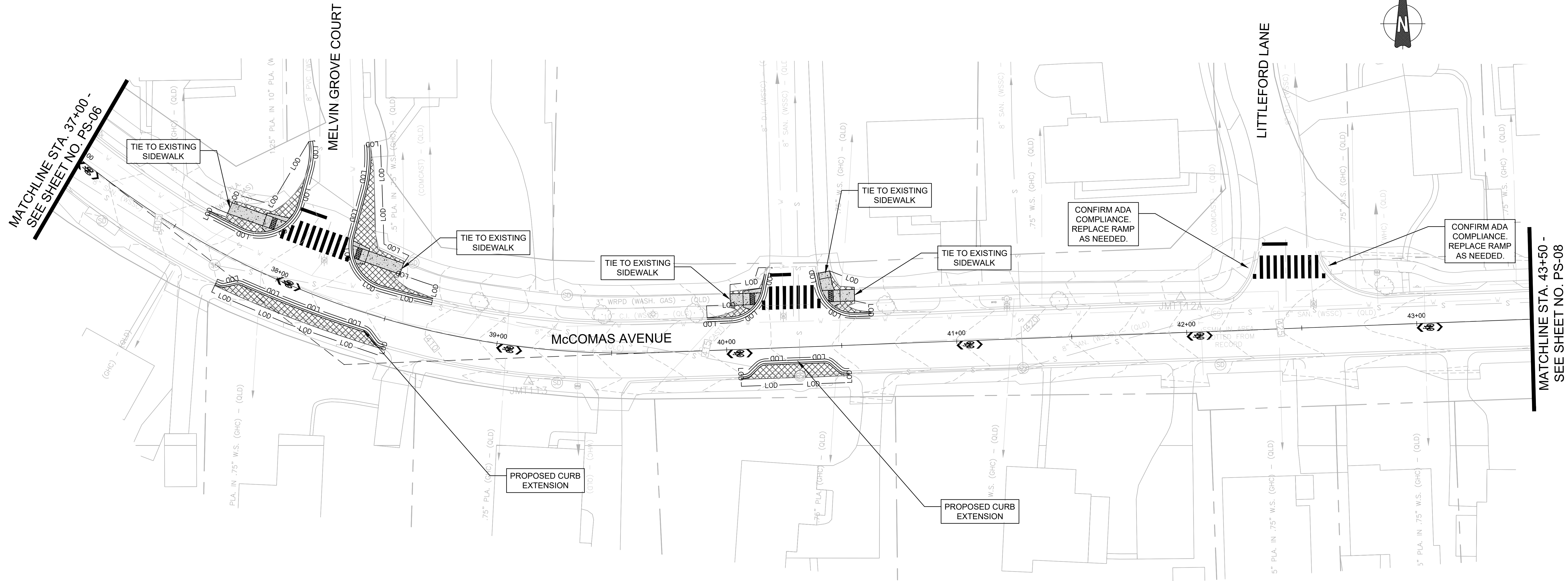
Designed by: MDS Drawn by: TRS Checked by: JJR

PS-06
ROADWAY PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20'

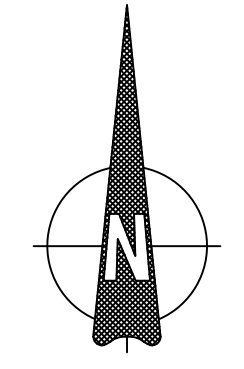
DATE: APRIL 2024

CIP No. : 502002 SHEET 8 of 54



MATCHLINE STA. 37+00 -
SEE SHEET NO. PS-06

MATCHLINE STA. 43+50 -
SEE SHEET NO. PS-08



NOTES:
1. REFERENCE DETAIL DRAWINGS FOR RAISED CROSSWALK, RAISED INTERSECTIONS, SPEED HUMPS.

RESIDENTIAL SIDEWALK MC-110.01		
QUANTITY	FROM	TO
127 SF	37+60 LT	37+92 LT
119 SF	38+15 LT	38+68 LT
69 SF	39+92 LT	40+19 LT
101 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'

COMBINATION CONCRETE CURB AND GUTTER - TYPE A MC-100.01		
QUANTITY	FROM	TO
77 LF	37+60 LT	37+92 LT
80 LF	37+77 RT	38+53 RT
93 LF	38+15 LT	38+68 LT
39 LF	39+92 LT	40+19 LT
51 LF	40+11 RT	40+53 RT
36 LF	40+39 LT	40+63 LT

REMOVE EXISTING PAVEMENT		
QUANTITY	FROM	TO
160 SF	37+60 LT	37+92 LT
317 SF	37+77 RT	38+53 RT
362 SF	38+15 LT	38+68 LT
48 SF	39+92 LT	40+19 LT
196 SF	40+11 RT	40+53 RT
53 SF	40+39 LT	40+63 LT

LEGEND	
--- LOD	PROPOSED RAISED ASPHALT PAVEMENT
--- EXISTING ROW	PROPOSED DRIVEWAY
[Pattern]	PROPOSED CONCRETE SIDEWALK
[Pattern]	PROPOSED DETECTABLE WARNING SURFACE
[Pattern]	PROPOSED PAVEMENT REMOVAL

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MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

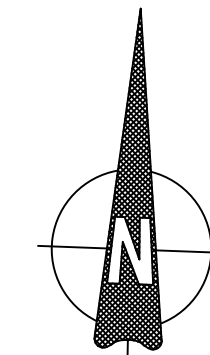
Designed by: MDS Drawn by: TRS Checked by: JJR

PS-07
ROADWAY PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20'

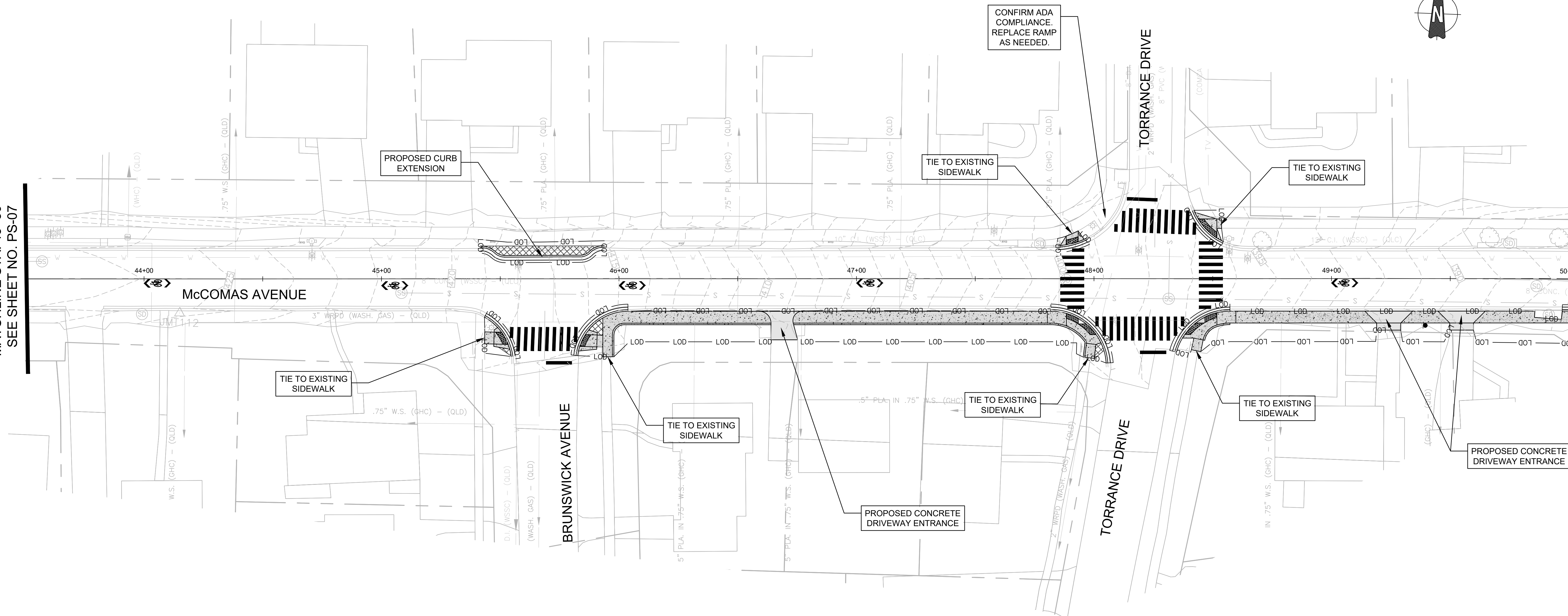
DATE: APRIL 2024

CIP No. : 502002 SHEET 9 of 54



MATCHLINE STA. 43+50 -
SEE SHEET NO. PS-07

MATCHLINE STA. 50+00 -
SEE SHEET NO. PS-09



NOTES:

1. REFERENCE DETAIL DRAWINGS FOR RAISED CROSSWALK, RAISED INTERSECTIONS, SPEED HUMPS.

COMBINATION CONCRETE CURB AND GUTTER - TYPE A MC-100.01		
QUANTITY	FROM	TO
22 LF	45+44 RT	45+56 RT
54 LF	45+42 LT	45+93 LT
33 LF	45+81 RT	46+04 RT
38 LF	47+82 RT	48+07 RT
13 LF	47+85 LT	47+98 LT
33 LF	48+33 RT	48+57 RT
20 LF	48+41 LT	48+54 LT

RESIDENTIAL SIDEWALK MC-110.01		
QUANTITY	FROM	TO
45 SF	45+44 RT	45+56 RT
1241 SF	45+81 RT	48+07 RT
21 SF	47+85 LT	47+98 LT
657 SF	48+33 RT	50+00 RT
41 SF	48+41 LT	48+54 LT

DETECTABLE WARNING SURFACE MD-655.40		
QUANTITY	STATION	WIDTH
10 SF	45+50 RT	5.0'
10 SF	45+85 RT	5.0'
10 SF	47+93 RT	5.0'
12 SF	48+00 RT	5.0'
10 SF	47+93 LT	5.0'
19 SF	48+50 LT	5.0'
10 SF	48+50 RT	5.0'
14 SF	48+42 RT	5.0'

REMOVE EXISTING PAVEMENT		
QUANTITY	FROM	TO
6 SF	45+49 RT	45+56 RT
162 SF	45+42 LT	45+93 LT
22 SF	45+85 RT	45+90 RT
15 SF	47+99	48+03 RT

RESIDENTIAL DRIVEWAY MC - 301.01		
QUANTITY	STATION	WIDTH
14 SY	46+50 RT	9.0'
12 SY	49+24 RT	9.0'
12 SY	49+54 RT	9.0'

LEGEND

- LIMIT OF DISTURBANCE
- EXISTING ROW
- PROPOSED RAISED ASPHALT PAVEMENT
- PROPOSED DRIVEWAY
- PROPOSED CONCRETE SIDEWALK
- PROPOSED DETECTABLE WARNING SURFACE
- PROPOSED PAVEMENT REMOVAL

DRAFT
NOT FOR CONSTRUCTION



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section
APPROVED _____ Date _____

Chief, Division of Transportation Engineering

Date _____

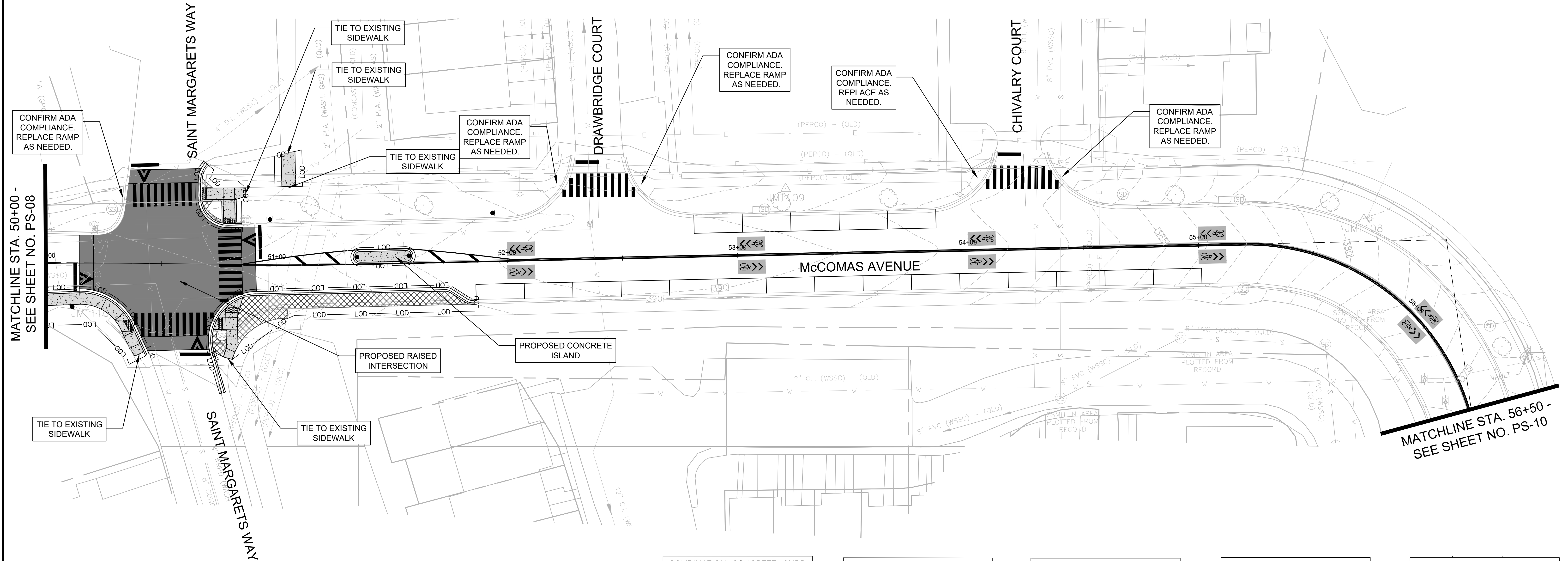
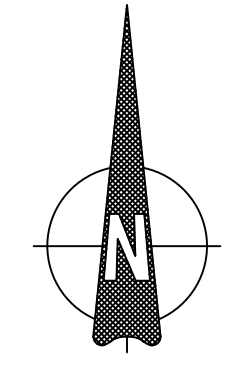
Designed by: MDS Drawn by: TRS Checked by: JJR

PS-08
ROADWAY PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20'

DATE: MARCH 2024

CIP No. : 502002 SHEET 10 of 54



MATCHLINE STA. 50+00 -
SEE SHEET NO. PS-08

MATCHLINE STA. 56+50 -
SEE SHEET NO. PS-10

NOTES:

1. REFERENCE DETAIL DRAWINGS FOR RAISED CROSSWALK, RAISED INTERSECTIONS, SPEED HUMPS.

COMBINATION CONCRETE CURB AND GUTTER - TYPE A MC-100.01			
QUANTITY	FROM	TO	
154 LF	50+77 RT	51+59 RT	
43 LF	50+67 LT	50+85 LT	
59 LF	51+33 RT	51+59 RT	

RESIDENTIAL SIDEWALK MC-110.01			
QUANTITY	FROM	TO	
259 SF	50+00 RT	50+44 RT	
140 SF	50+73 RT	50+85 RT	
144 SF	50+67 LT	50+86 LT	
87 SF	51+05 LT	51+05 LT	
111 SF	51+33	51+59	

DETECTABLE WARNING SURFACE MD-655.40			
QUANTITY	STATION	WIDTH	
12 SF	50+37 RT	6.0'	
10 SF	50+76 RT	5.0'	
10 SF	50+80 RT	5.0'	
10 SF	50+68 LT	5.0'	
10 SF	50+79 LT	5.0'	

REMOVE EXISTING PAVEMENT			
QUANTITY	FROM	TO	
762 SF	50+73 RT	51+86 RT	
27 SF	50+67 LT	50+79 LT	

RAISED ASPHALT PAVEMENT			
QUANTITY	FROM	TO	
3845 SF	50+14	50+91	

MONOLITHIC CONCRETE MEDIAN MD-645.01			
QUANTITY	FROM	TO	
61 LF	50+00 RT	50+44 RT	

LEGEND	
— LOD —	PROPOSED RAISED ASPHALT PAVEMENT
- - -	EXISTING ROW
[Pattern]	PROPOSED DRIVEWAY
[Pattern]	PROPOSED CONCRETE SIDEWALK
[Pattern]	PROPOSED DETECTABLE WARNING SURFACE
[Pattern]	PROPOSED PAVEMENT REMOVAL

**DRAFT
NOT FOR CONSTRUCTION**

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND			
RECOMMENDED FOR APPROVAL			
Chief, Design Section	_____	Date	_____
APPROVED			
Chief, Division of Transportation Engineering	_____	Date	_____
Designed by: MDS	Drawn by: TRS	Checked by: JUR	

**PS-09
ROADWAY PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY**

SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 11 of 54

MATCHLINE STA. 56+50 -
SEE SHEET NO. PS-10

COMBINATION CONCRETE CURB AND GUTTER - TYPE A MC-100.01			
QUANTITY	FROM	TO	
13 LF	58+50 RT	58+55 RT	
22 LF	58+68 LT	58+95 LT	
10 LF	58+75 RT	58+83 RT	
14 LF	58+78 RT	58+83 RT	
22 LF	59+42 LT	59+69 LT	
32 LF	59+47 RT	59+75 RT	
24 LF	61+44 LT	61+63 LT	
159 LF	61+90 LT	63+13 LT	
207 LF	60+82 RT	63+34 RT	

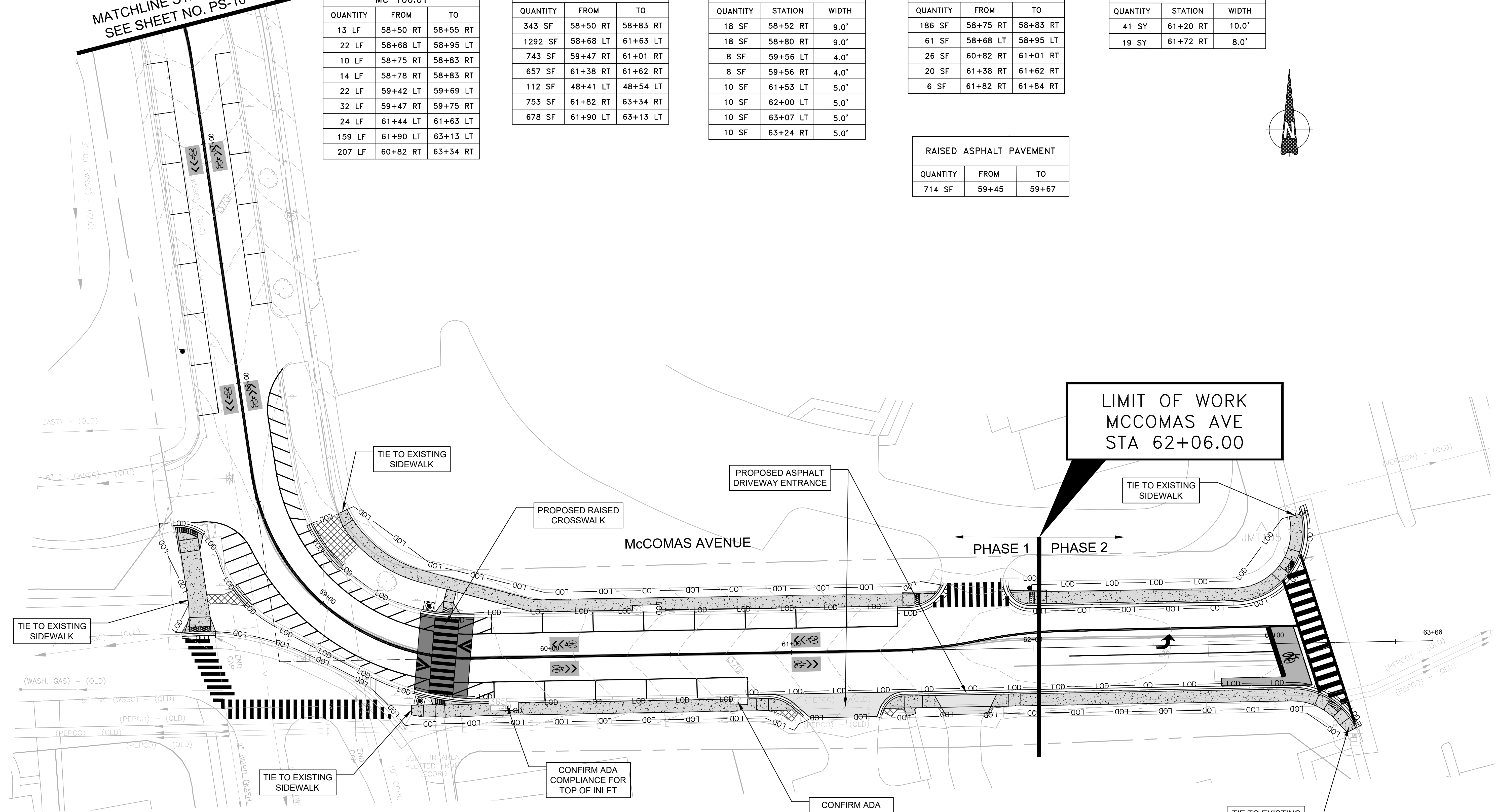
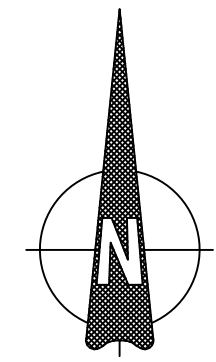
RESIDENTIAL SIDEWALK MC-110.01			
QUANTITY	FROM	TO	
343 SF	58+50 RT	58+83 RT	
1292 SF	58+68 LT	61+63 LT	
743 SF	59+47 RT	61+01 RT	
657 SF	61+38 RT	61+62 RT	
112 SF	48+41 LT	48+54 LT	
753 SF	61+82 RT	63+34 RT	
678 SF	61+90 LT	63+13 LT	

DETECTABLE WARNING SURFACE MD-655.40			
QUANTITY	STATION	WIDTH	
18 SF	58+52 RT	9.0'	
18 SF	58+80 RT	9.0'	
8 SF	59+56 LT	4.0'	
8 SF	59+56 RT	4.0'	
10 SF	61+53 LT	5.0'	
10 SF	62+00 LT	5.0'	
10 SF	63+07 LT	5.0'	
10 SF	63+24 RT	5.0'	

REMOVE EXISTING PAVEMENT			
QUANTITY	FROM	TO	
186 SF	58+75 RT	58+83 RT	
61 SF	58+68 LT	58+95 LT	
26 SF	60+82 RT	61+01 RT	
20 SF	61+38 RT	61+62 RT	
6 SF	61+82 RT	61+84 RT	

RESIDENTIAL DRIVEWAY MC - 301.01			
QUANTITY	STATION	WIDTH	
41 SY	61+20 RT	10.0'	
19 SY	61+72 RT	8.0'	

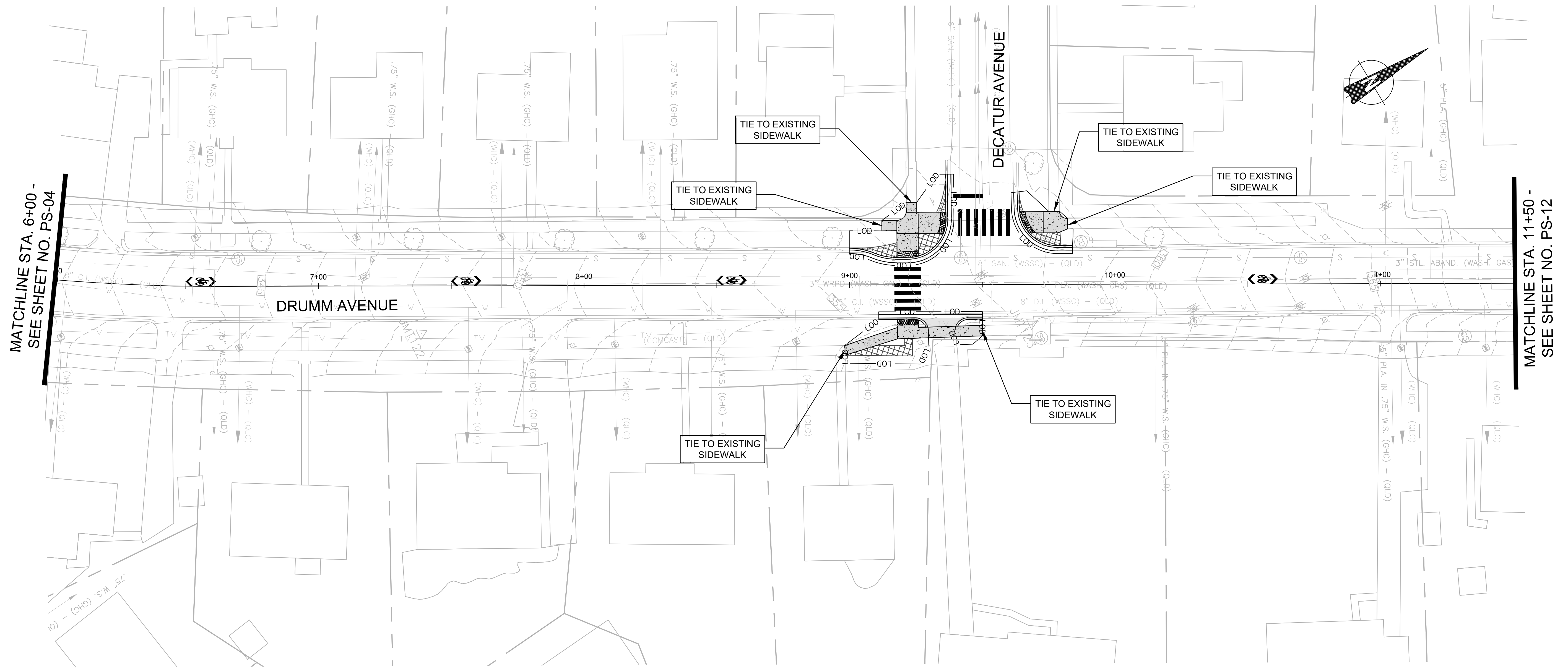
RAISED ASPHALT PAVEMENT			
QUANTITY	FROM	TO	
714 SF	59+45	59+67	



NOTES:
1. REFERENCE DETAIL DRAWINGS FOR RAISED CROSSWALK, RAISED INTERSECTIONS, SPEED HUMPS.

LEGEND	
--- LOD	LIMIT OF DISTURBANCE
- - - -	EXISTING ROW
[Solid Grey]	PROPOSED RAISED ASPHALT PAVEMENT
[Hatched]	PROPOSED DRIVEWAY
[Dotted]	PROPOSED CONCRETE SIDEWALK
[Cross-hatched]	PROPOSED DETECTABLE WARNING SURFACE
[Diagonal Lines]	PROPOSED PAVEMENT REMOVAL

DRAFT NOT FOR CONSTRUCTION 	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND	PS-10 ROADWAY PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY
	RECOMMENDED FOR APPROVAL Chief, Design Section _____ Date _____ APPROVED Chief, Division of Transportation Engineering _____ Date _____ Designed by: <u>MDS</u> Drawn by: <u>TRS</u> Checked by: <u>JJR</u>	SCALE: 1"=20' DATE: APRIL 2024 CIP No. : 502002 SHEET 12 of 54



MATCHLINE STA. 6+00 -
SEE SHEET NO. PS-04

MATCHLINE STA. 11+50 -
SEE SHEET NO. PS-12

COMBINATION CONCRETE CURB AND GUTTER - TYPE A MC-100.01			
QUANTITY	FROM	TO	
66 LF	9+00 LT	9+38 LT	
39 LF	9+11 RT	9+50 RT	
37 LF	9+62 LT	9+84 LT	

RESIDENTIAL SIDEWALK MC-110.01			
QUANTITY	FROM	TO	
229 SF	9+11 LT	9+38 LT	
230 SF	8+98 RT	9+50 RT	
121 SF	9+62 LT	9+84 LT	

DETECTABLE WARNING SURFACE MD-655.40			
QUANTITY	STATION	WIDTH	
16 SF	9+22 RT	5.0'	
17 SF	9+22 LT	5.0'	
16 SF	9+35 LT	5.0'	
17 SF	9+66 LT	5.0'	

REMOVE EXISTING PAVEMENT			
QUANTITY	FROM	TO	
110 SF	9+00 LT	9+35 LT	
83 SF	8+98 RT	9+22 RT	
45 SF	9+62 LT	9+82 LT	

RESIDENTIAL DRIVEWAY MC - 301.01			
QUANTITY	STATION	WIDTH	
5 SY	9+38 RT	10.0'	

NOTES:
1. REFERENCE DETAIL DRAWINGS FOR RAISED CROSSWALK, RAISED INTERSECTIONS, SPEED HUMPS.

LEGEND	
	LIMIT OF DISTURBANCE
	EXISTING ROW
	PROPOSED RAISED ASPHALT PAVEMENT
	PROPOSED DRIVEWAY
	PROPOSED CONCRETE SIDEWALK
	PROPOSED DETECTABLE WARNING SURFACE
	PROPOSED PAVEMENT REMOVAL

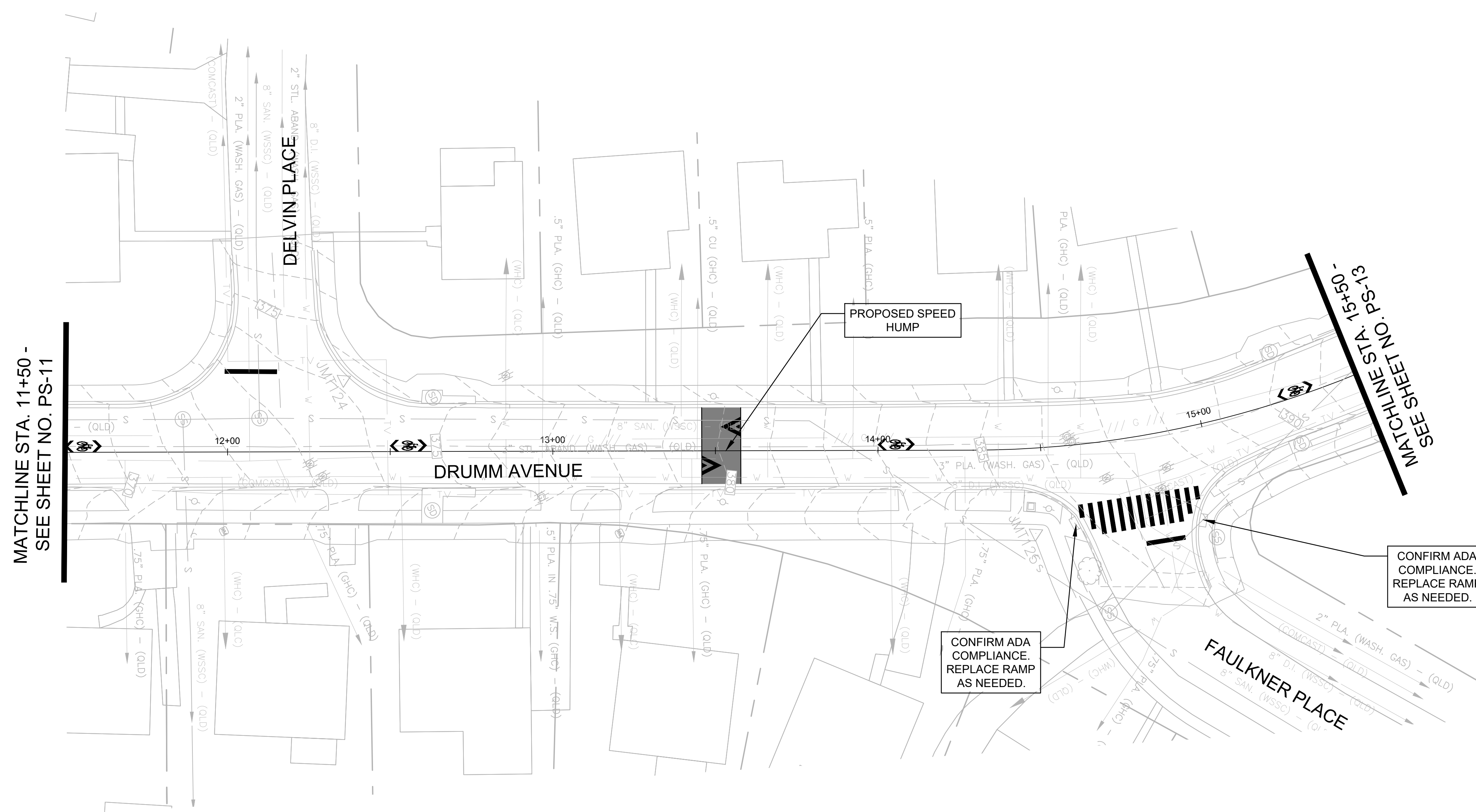
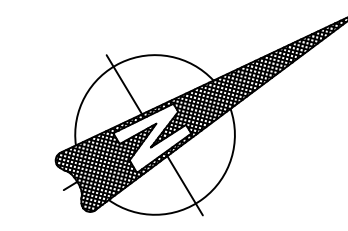
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NOT FOR CONSTRUCTION

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND			
RECOMMENDED FOR APPROVAL			
Chief, Design Section	_____	Date	_____
APPROVED			
Chief, Division of Transportation Engineering	_____	Date	_____
Designed by: MDS	Drawn by: TRS	Checked by: JUR	

PS-11
ROADWAY PLAN - DRUMM AVE.
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20' DATE: APRIL 2024

CIP No. : 502002 SHEET 13 of 54



MATCHLINE STA. 11+50 -
SEE SHEET NO. PS-11

MATCHLINE STA. 15+30 -
SEE SHEET NO. PS-13

PROPOSED SPEED
HUMP

CONFIRM ADA
COMPLIANCE.
REPLACE RAMP
AS NEEDED.

CONFIRM ADA
COMPLIANCE.
REPLACE RAMP
AS NEEDED.

PAVEMENT		
QUANTITY	FROM	TO
281 SF	13+46	13+58

- NOTES:
- REFERENCE DETAIL DRAWINGS FOR RAISED CROSSWALK, RAISED INTERSECTIONS, SPEED HUMPS.

LEGEND

— L—	LIMIT OF DISTURBANCE		PROPOSED RAISED ASPHALT PAVEMENT
- - -	EXISTING ROW		PROPOSED DRIVEWAY
	PROPOSED CONCRETE SIDEWALK		PROPOSED DETECTABLE WARNING SURFACE
	PROPOSED PAVEMENT REMOVAL		

DRAFT
NOT FOR CONSTRUCTION



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

Designed by: MDS Drawn by: TRS Checked by: JJR

PS-12
ROADWAY PLAN- DRUMM AVE.
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

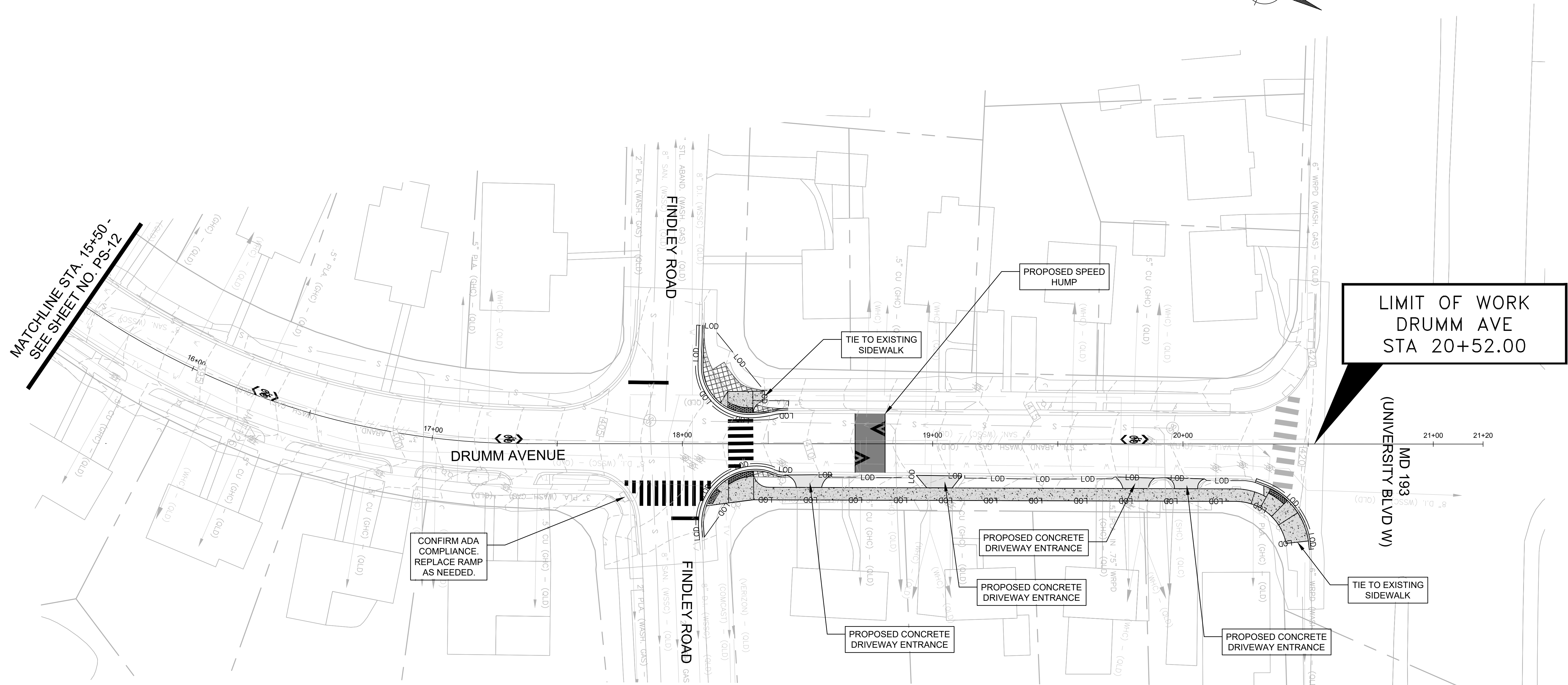
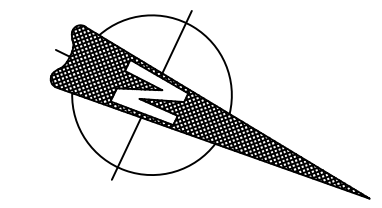
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SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 14 of 54

- NOTES:
1. REFERENCE DETAIL DRAWINGS FOR RAISED CROSSWALK, RAISED INTERSECTIONS, SPEED HUMPS.



MATCHLINE STA. 15+50 -
SEE SHEET NO. PS-12

COMBINATION CONCRETE CURB AND GUTTER - TYPE A MC-100.01			
QUANTITY	FROM	TO	
54 LF	18+07 RT	18+41 RT	
64 LF	18+07 LT	18+41 LT	
38 LF	20+29 RT	20+51 RT	

RESIDENTIAL SIDEWALK MC-110.01			
QUANTITY	FROM	TO	
1403 SF	18+08 RT	20+51 RT	
67 SF	18+15 LT	18+33 RT	

DETECTABLE WARNING SURFACE MD-655.40			
QUANTITY	STATION	WIDTH	
13 SF	18+15 RT	5.0'	
21 SF	18+25 RT	5.0'	
21 SF	18+25 LT	5.0'	
15 SF	20+38 RT	5.0'	

REMOVE EXISTING PAVEMENT			
QUANTITY	FROM	TO	
17 SF	18+07 RT	18+41 RT	
184 SF	18+07 LT	18+41 LT	

RESIDENTIAL DRIVEWAY MC - 301.01			
QUANTITY	STATION	WIDTH	
7 SY	18+50 RT	10.0'	
8 SY	19+03 RT	10.0'	
6 SY	19+80 RT	10.0'	
5 SY	20+00 RT	10.0'	

RAISED ASPHALT PAVEMENT			
QUANTITY	FROM	TO	
281 SF	18+69	18+81	

LEGEND	
— LOD	LIMIT OF DISTURBANCE
- - -	EXISTING ROW
	PROPOSED RAISED ASPHALT PAVEMENT
	PROPOSED DRIVEWAY
	PROPOSED CONCRETE SIDEWALK
	PROPOSED DETECTABLE WARNING SURFACE
	PROPOSED PAVEMENT REMOVAL

DRAFT
NOT FOR CONSTRUCTION

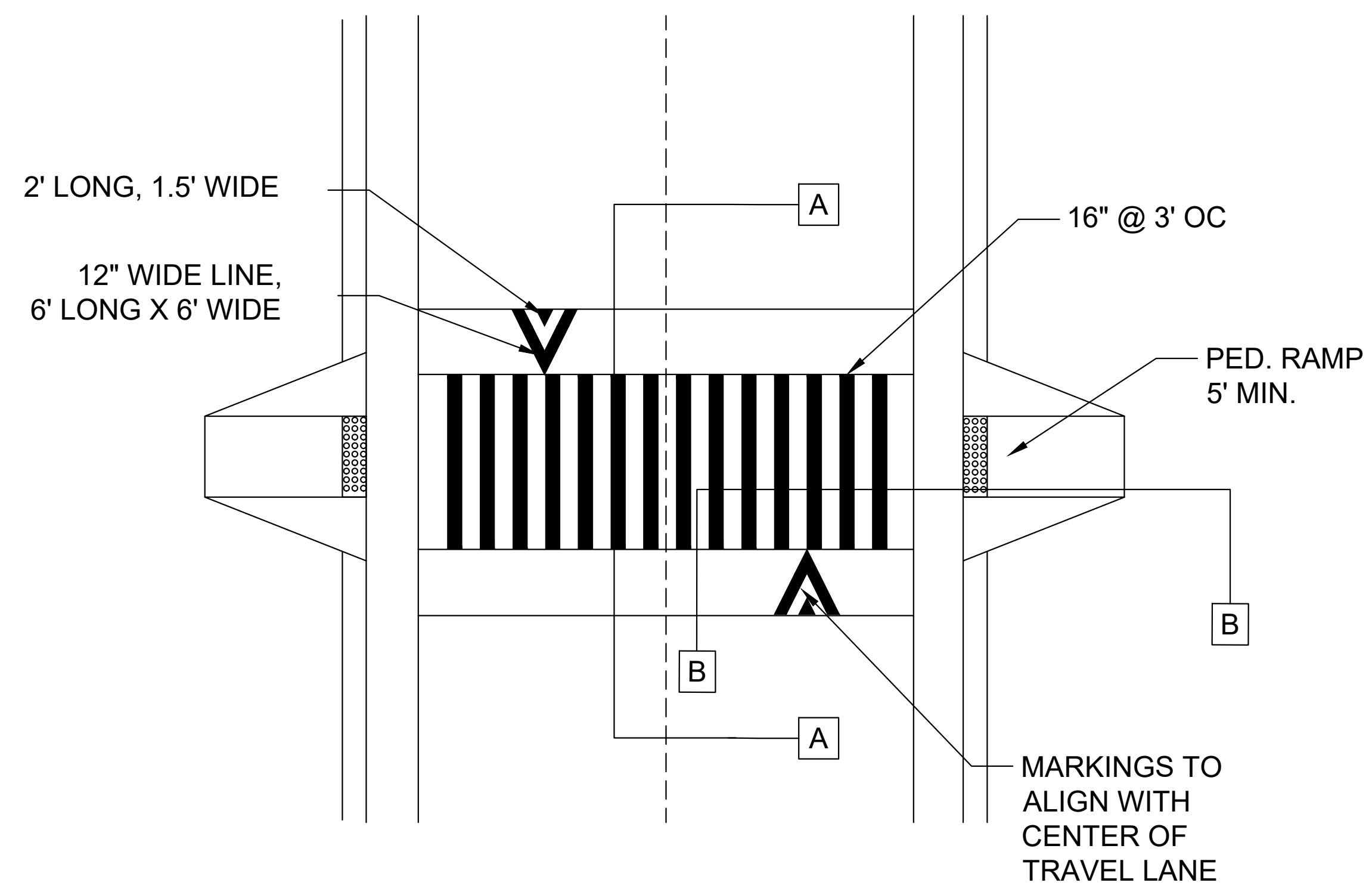
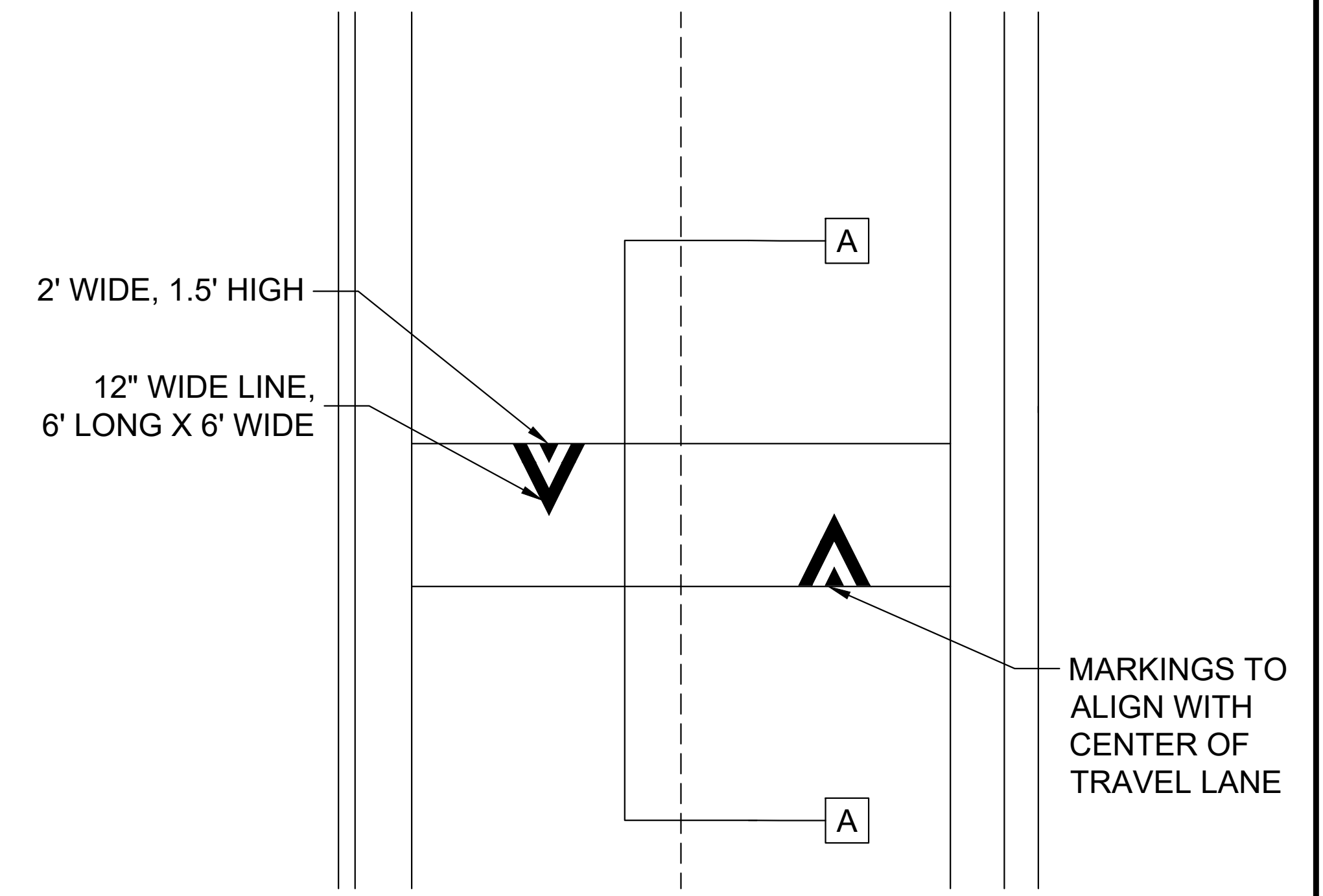
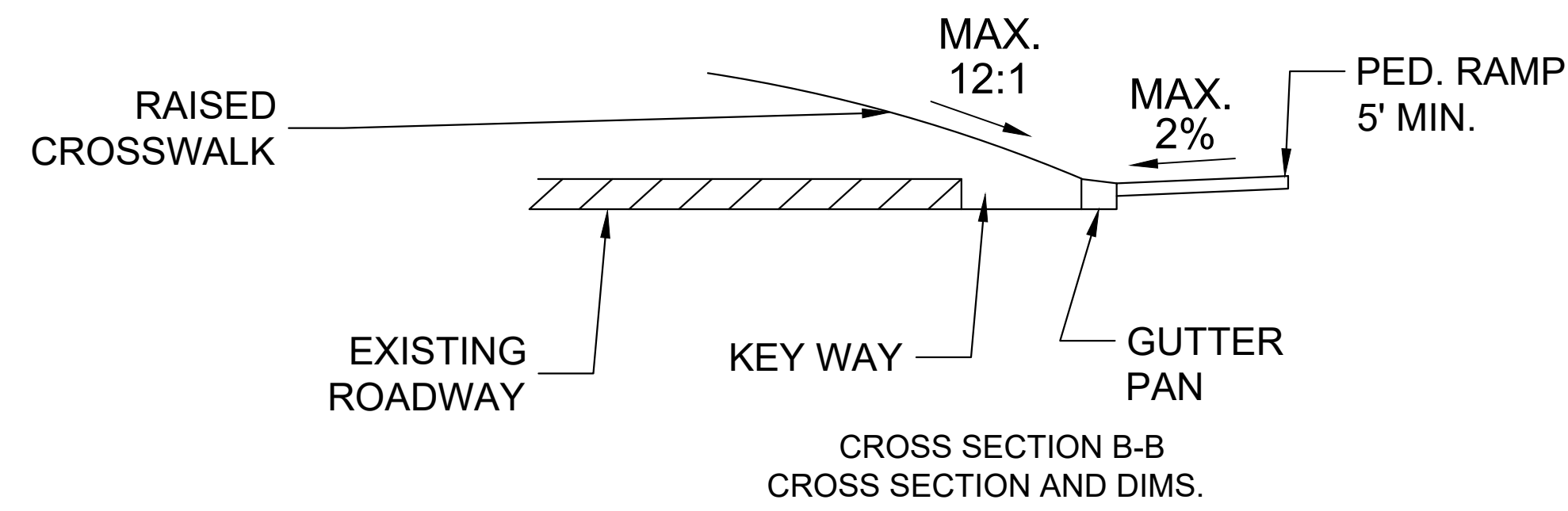
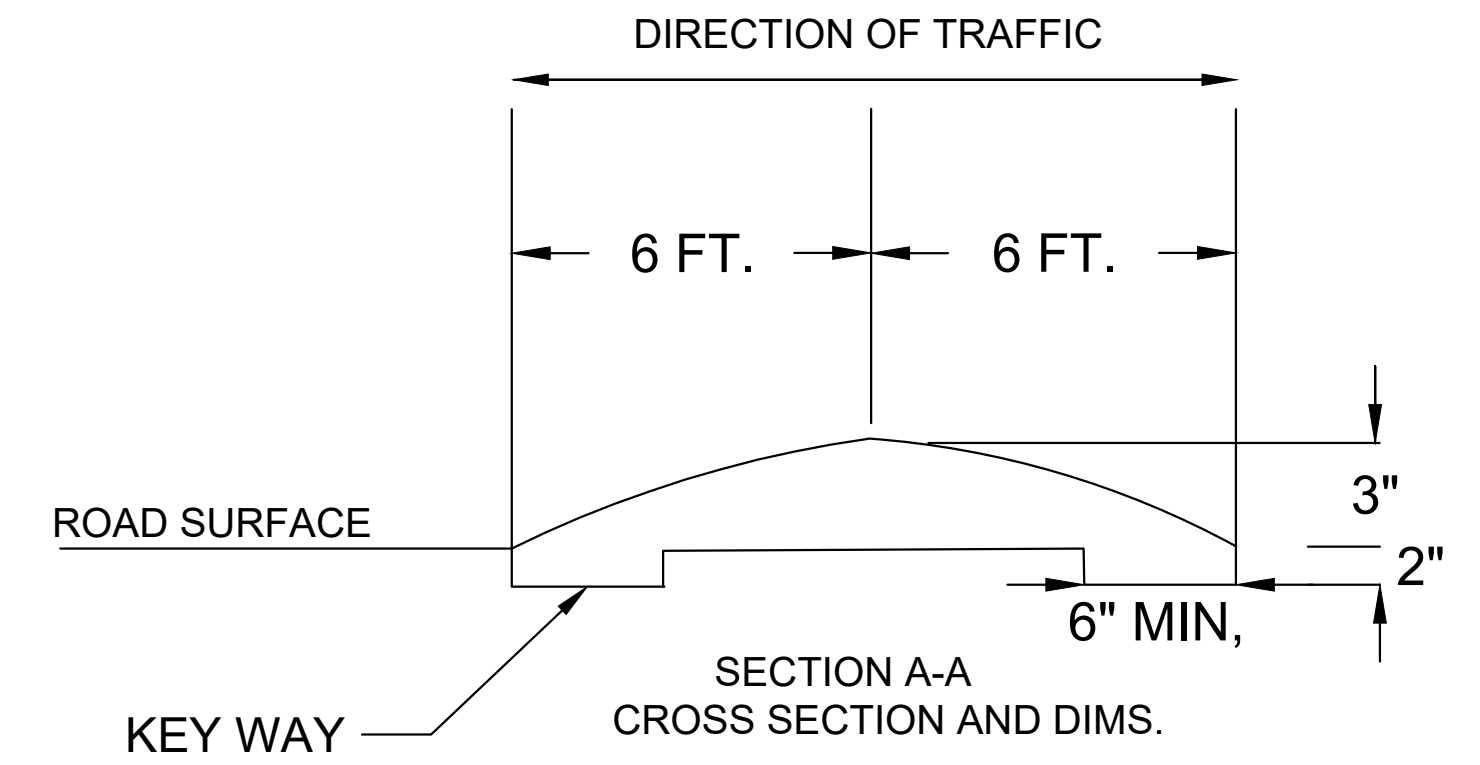
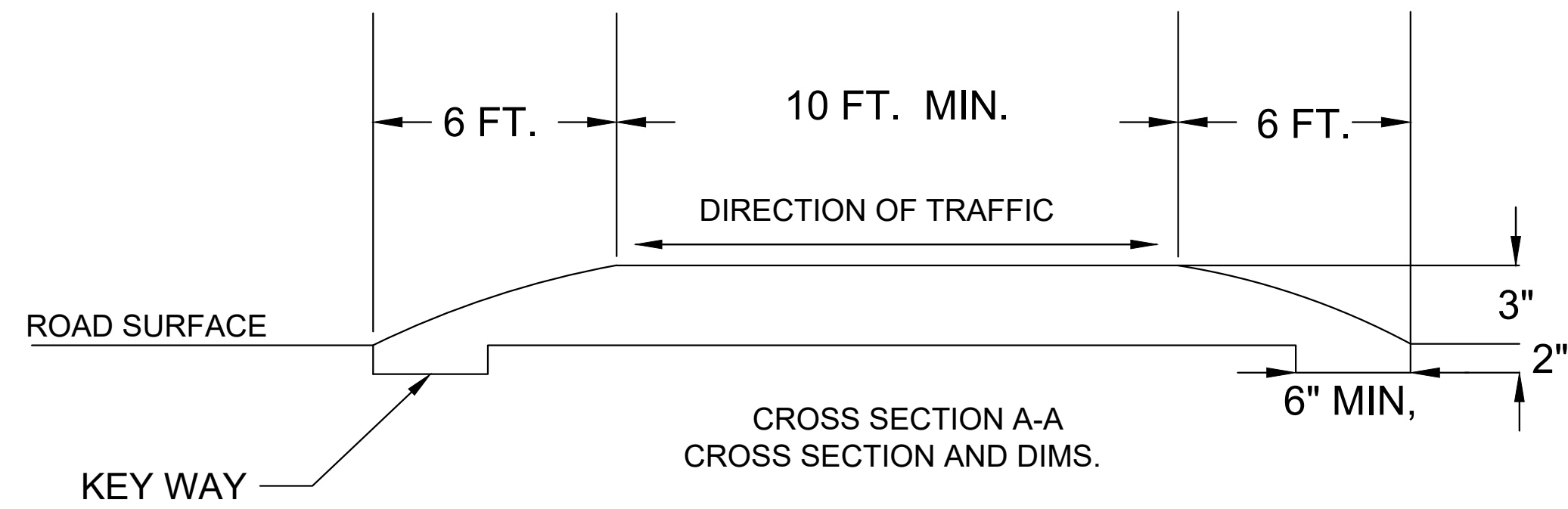
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND			
RECOMMENDED FOR APPROVAL			
Chief, Design Section	_____	Date	_____
Chief, Division of Transportation Engineering	_____	Date	_____
Designed by: <u>MDS</u>	Drawn by: <u>TRS</u>	Checked by: <u>JJR</u>	
NO.	REVISION	DATE	BY

PS-13
ROADWAY PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

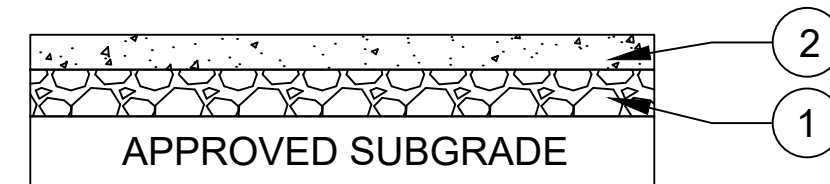
SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 15 of 54

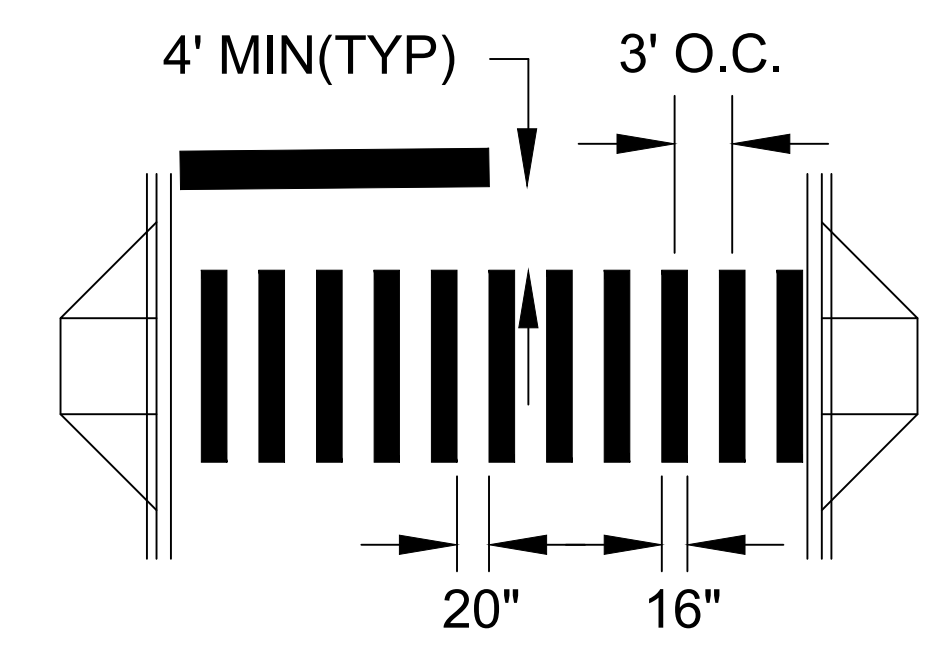


RAISED CROSSWALK DETAIL



- ② 5" CONCRETE SIDEWALK
- ① 5" CR-6 GRADED AGGREGATE BASE COURSE

CONCRETE SIDEWALK DETAIL
NTS



LADDER BAR CROSSWALK DETAIL

<p>DRAFT NOT FOR CONSTRUCTION</p>		<p>MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND</p>	<p>DT-01 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY</p>	
		<p>RECOMMENDED FOR APPROVAL</p>		
		<p>Chief, Design Section _____ Date _____</p>		
		<p>Chief, Division of Transportation Engineering _____ Date _____</p>		
		<p>Designed by: <u>MDS</u> Drawn by: <u>TRS</u> Checked by: <u>JJR</u></p>	<p>SCALE: AS SHOWN DATE: APRIL 2024</p>	
NO.	REVISION	DATE	BY	CIP No. : 502002 SHEET 16 of 54

McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
1	331.77	497788.09	1292955.46	SIDEWALK
2	332.12	497786.80	1292964.73	SIDEWALK
3	333.48	497771.22	1292982.21	BACK OF LANDING
4	333.04	497771.90	1292976.25	BACK OF LANDING
5	332.64	497774.51	1292969.23	GRADE TO DRAIN
6	331.33	497772.10	1292950.74	TIE TO EXISTING CURB
7	333.99	497766.99	1292995.84	TIE TO EXISTING
8	333.48	497767.20	1292994.03	ROADWAY FLOWLINE
9	333.37	497766.92	1292991.75	ROADWAY FLOWLINE
10	333.17	497765.16	1292985.39	ROADWAY FLOWLINE

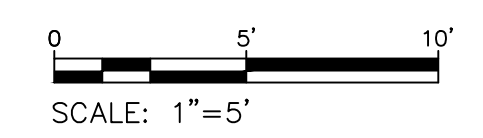
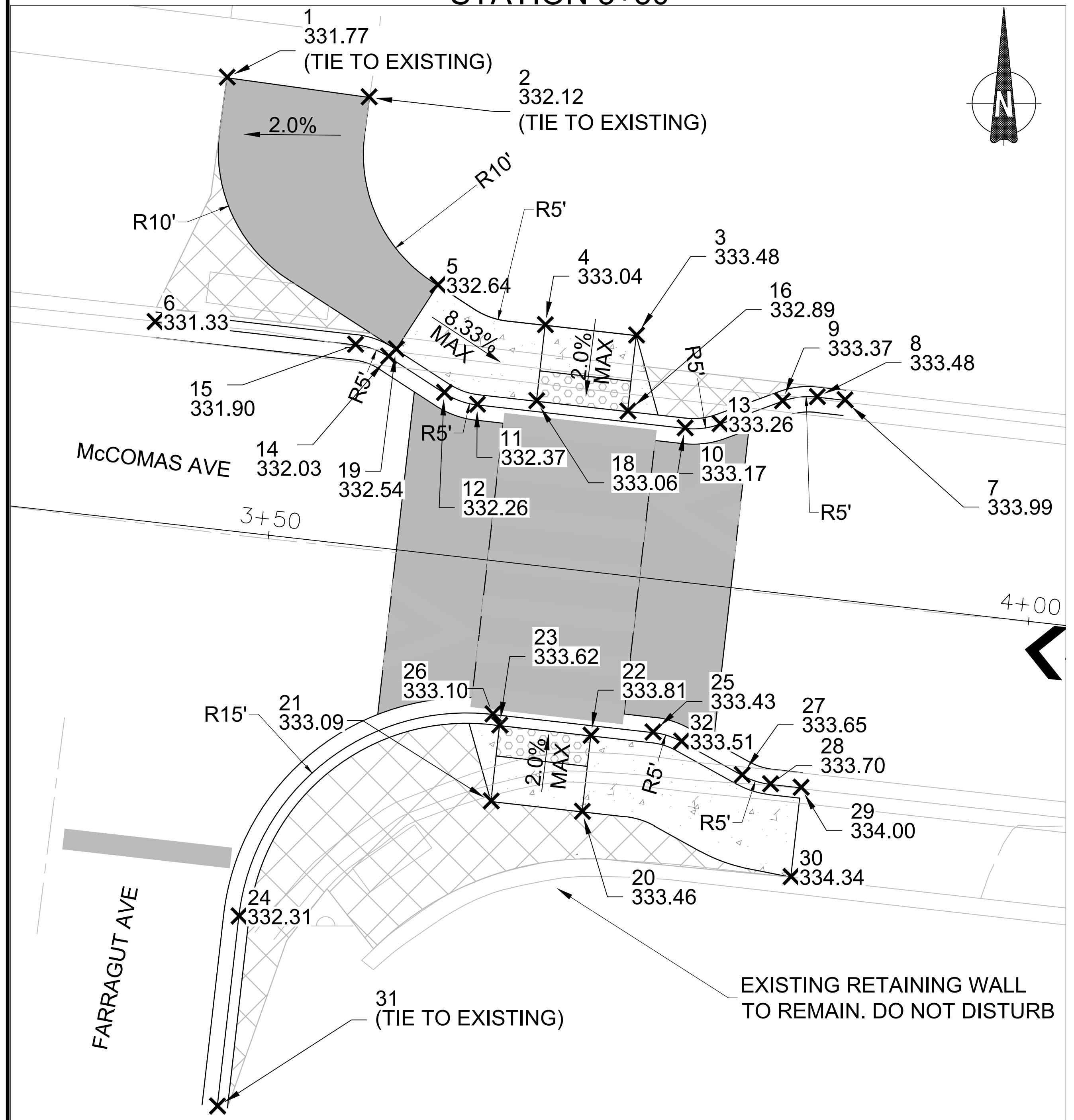
McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
11	332.37	497766.69	1292971.82	ROADWAY FLOWLINE
12	332.26	497767.47	1292969.65	ROADWAY FLOWLINE
13	333.26	497765.43	1292987.67	ROADWAY FLOWLINE
14	332.03	497769.84	1292966.01	ROADWAY FLOWLINE
15	331.90	497770.62	1292963.84	ROADWAY FLOWLINE
16	332.89	497766.25	1292981.65	FRONT LANDING
18	333.06	497766.93	1292975.69	FRONT LANDING
19	332.54	497770.31	1292966.51	ROADWAY FLOWLINE
20	333.46	497740.08	1292978.67	BACK OF LANDING
21	333.09	497740.76	1292972.71	BACK OF LANDING

McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
22	333.81	497745.05	1292979.24	FRONT LANDING
23	333.62	497745.73	1292973.28	FRONT LANDING
24	332.31	497733.23	1292956.23	ROADWAY FLOWLINE
25	333.43	497745.27	1292983.29	ROADWAY FLOWLINE
26	333.10	497746.45	1292972.83	ROADWAY FLOWLINE
27	333.65	497742.47	1292989.12	ROADWAY FLOWLINE
28	333.70	497741.88	1292990.97	ROADWAY FLOWLINE
29	334.00	497741.65	1292992.97	TIE TO EXISTING CURB
30	334.34	497735.81	1292992.31	TIE TO EXISTING SIDEWALK
31	333.09	497720.81	1292954.83	TIE TO EXISTING

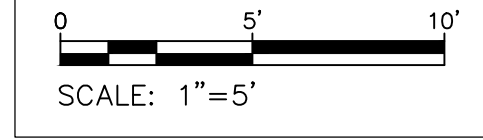
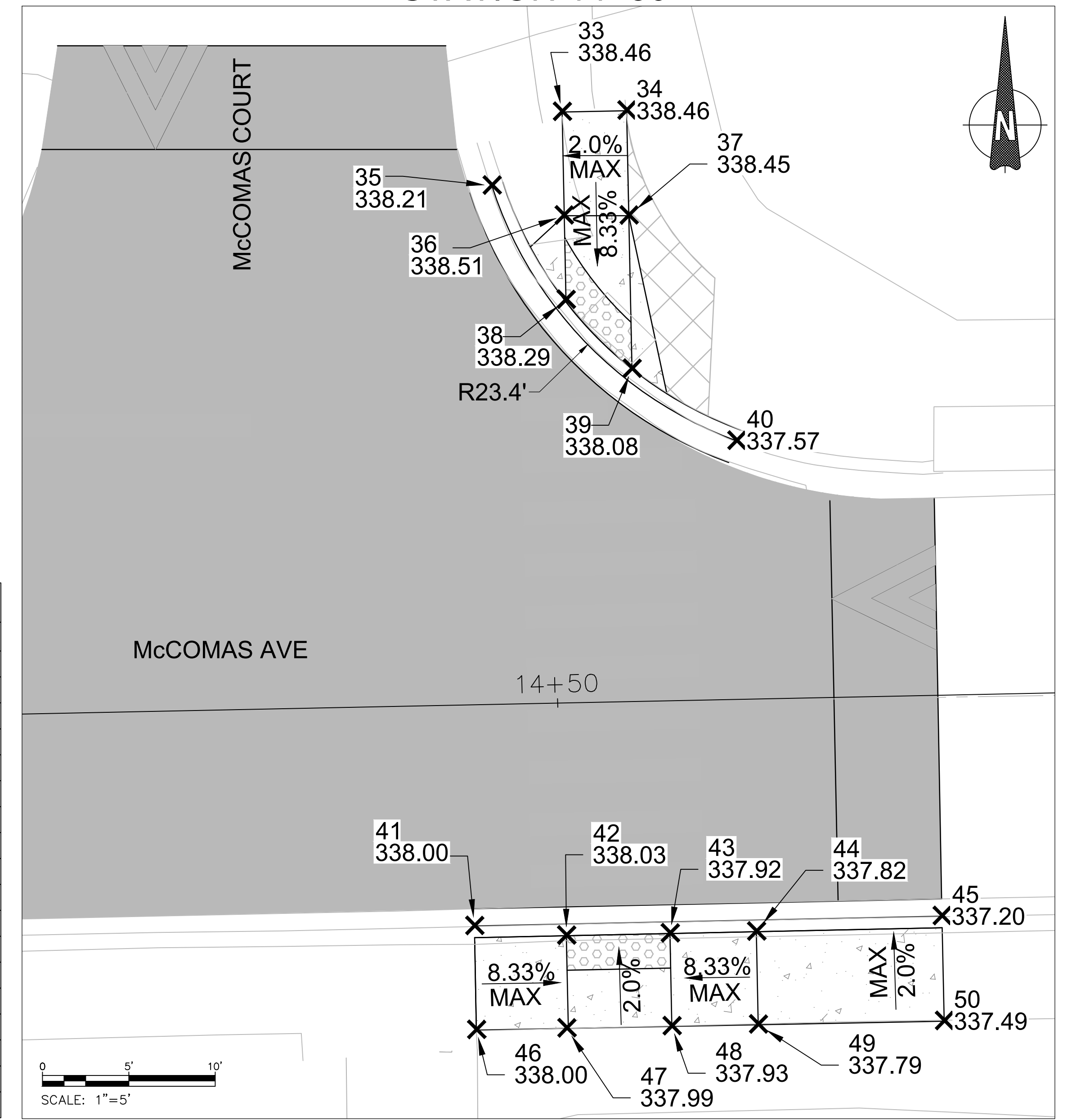
McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
32	333.51	497744.67	1292985.15	ROADWAY FLOWLINE

FARRAGUT AVE - STATION 3+50

FARRAGUT AVE STATION 3+50




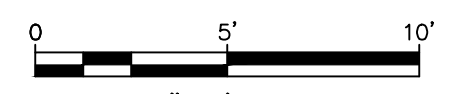
McCOMAS COURT STATION 14+50

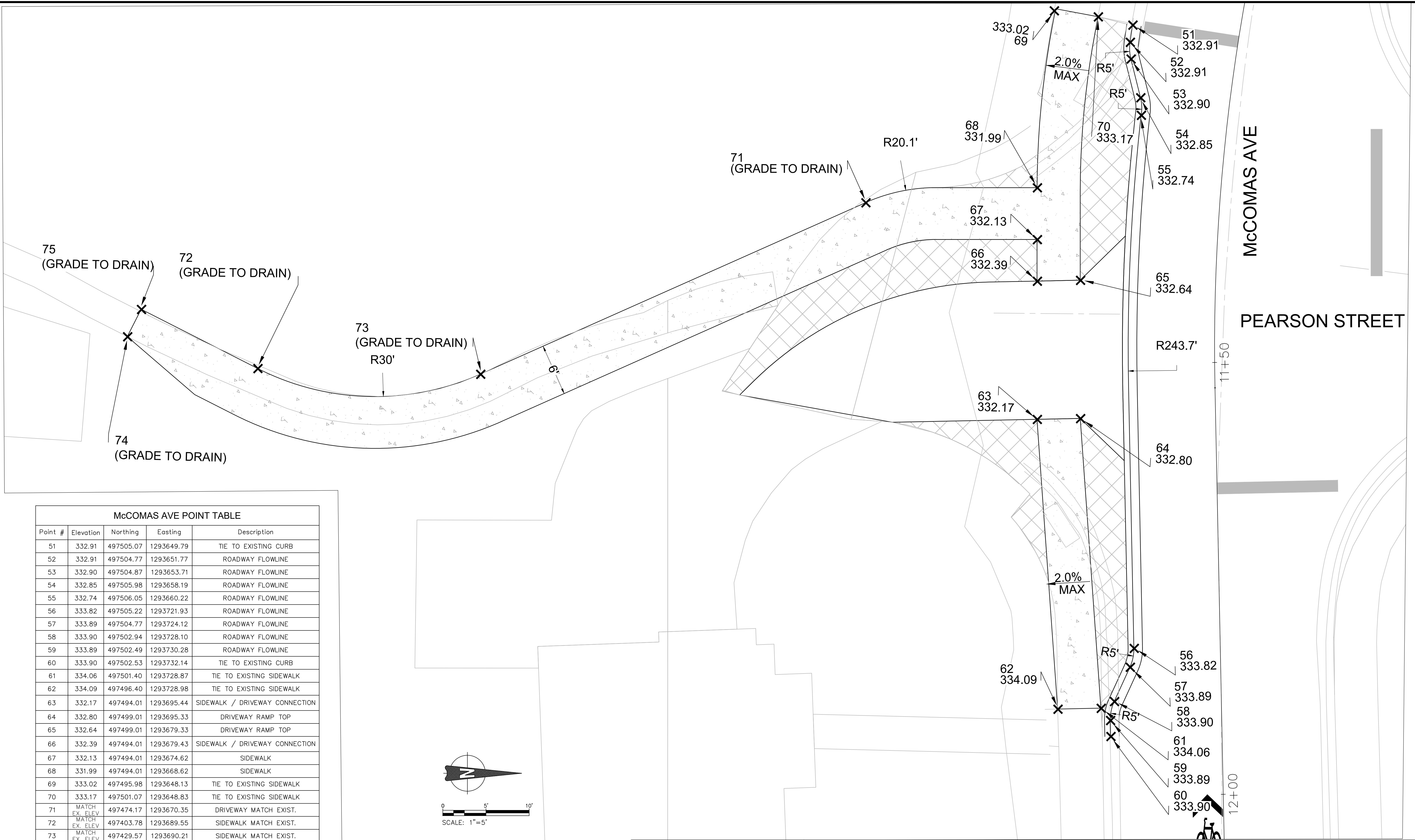


McCOMAS COURT - STATION 14+50

McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
33	338.46	497554.88	1293989.05	SIDEWALK - TIE TO EXISTING
34	338.46	497554.96	1293992.78	SIDEWALK - TIE TO EXISTING
35	338.21	497550.61	1293984.98	TIE TO EXISTING CURB
36	338.51	497548.88	1293989.16	TOP OF RAMP
37	338.45	497548.88	1293992.91	TOP OF RAMP
38	338.29	497544.00	1293989.27	BOTTOM OF RAMP
39	338.08	497540.01	1293993.09	TOP OF RAMP
40	337.57	497535.85	1293999.15	TIE TO EXISTING CURB
41	338.00	497507.77	1293983.98	TIE TO EXISTING CURB
42	338.03	497507.22	1293989.30	TOP OF RAMP
43	337.92	497507.34	1293995.30	BOTTOM OF RAMP
44	337.82	497507.45	1294000.30	TOP OF RAMP
45	337.20	497508.34	1294011.03	TIE TO EXISTING CURB
46	338.00	497501.76	1293984.09	TIE TO EXISTING SIDEWALK
47	337.99	497501.85	1293989.31	TOP OF RAMP
48	337.93	497501.97	1293995.40	TOP OF LANDING
49	337.79	497502.07	1294000.40	TOP OF RAMP
50	337.49	497502.27	1294011.16	TIE TO EXISTING SIDEWALK

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

DRAFT NOT FOR CONSTRUCTION 	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND			DT-02 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY
	RECOMMENDED FOR APPROVAL Chief, Design Section _____ Date _____ APPROVED Chief, Division of Transportation Engineering _____ Date _____ Designed by: <u>MDS</u> Drawn by: <u>TRS</u> Checked by: <u>JJR</u>			 SCALE: 1"=5' DATE: APRIL 2024 CIP No. : 502002 SHEET 17 of 54

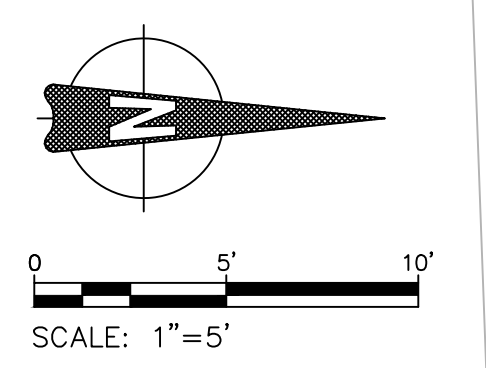


MCCOMAS AVE POINT TABLE

Point #	Elevation	Northing	Easting	Description
51	332.91	497505.07	1293649.79	TIE TO EXISTING CURB
52	332.91	497504.77	1293651.77	ROADWAY FLOWLINE
53	332.90	497504.87	1293653.71	ROADWAY FLOWLINE
54	332.85	497505.98	1293658.19	ROADWAY FLOWLINE
55	332.74	497506.05	1293660.22	ROADWAY FLOWLINE
56	333.82	497505.22	1293721.93	ROADWAY FLOWLINE
57	333.89	497504.77	1293724.12	ROADWAY FLOWLINE
58	333.90	497502.94	1293728.10	ROADWAY FLOWLINE
59	333.89	497502.49	1293730.28	ROADWAY FLOWLINE
60	333.90	497502.53	1293732.14	TIE TO EXISTING CURB
61	334.06	497501.40	1293728.87	TIE TO EXISTING SIDEWALK
62	334.09	497496.40	1293728.98	TIE TO EXISTING SIDEWALK
63	332.17	497494.01	1293695.44	SIDEWALK / DRIVEWAY CONNECTION
64	332.80	497499.01	1293695.33	DRIVEWAY RAMP TOP
65	332.64	497499.01	1293679.33	DRIVEWAY RAMP TOP
66	332.39	497494.01	1293679.43	SIDEWALK / DRIVEWAY CONNECTION
67	332.13	497494.01	1293674.62	SIDEWALK
68	331.99	497494.01	1293668.62	SIDEWALK
69	333.02	497495.98	1293648.13	TIE TO EXISTING SIDEWALK
70	333.17	497501.07	1293648.83	TIE TO EXISTING SIDEWALK
71	MATCH EX. ELEV	497474.17	1293670.35	DRIVEWAY MATCH EXIST.
72	MATCH EX. ELEV	497403.78	1293689.55	SIDEWALK MATCH EXIST.
73	MATCH EX. ELEV	497429.57	1293690.21	SIDEWALK MATCH EXIST.
74	MATCH EX. ELEV	497388.70	1293685.86	SIDEWALK MATCH EXIST.
75	MATCH EX. ELEV	497390.30	1293682.70	SIDEWALK MATCH EXIST.

**MCCOMAS AVE AT PEARSON STREET
STATION 11+50**

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



**DRAFT
NOT FOR CONSTRUCTION**

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

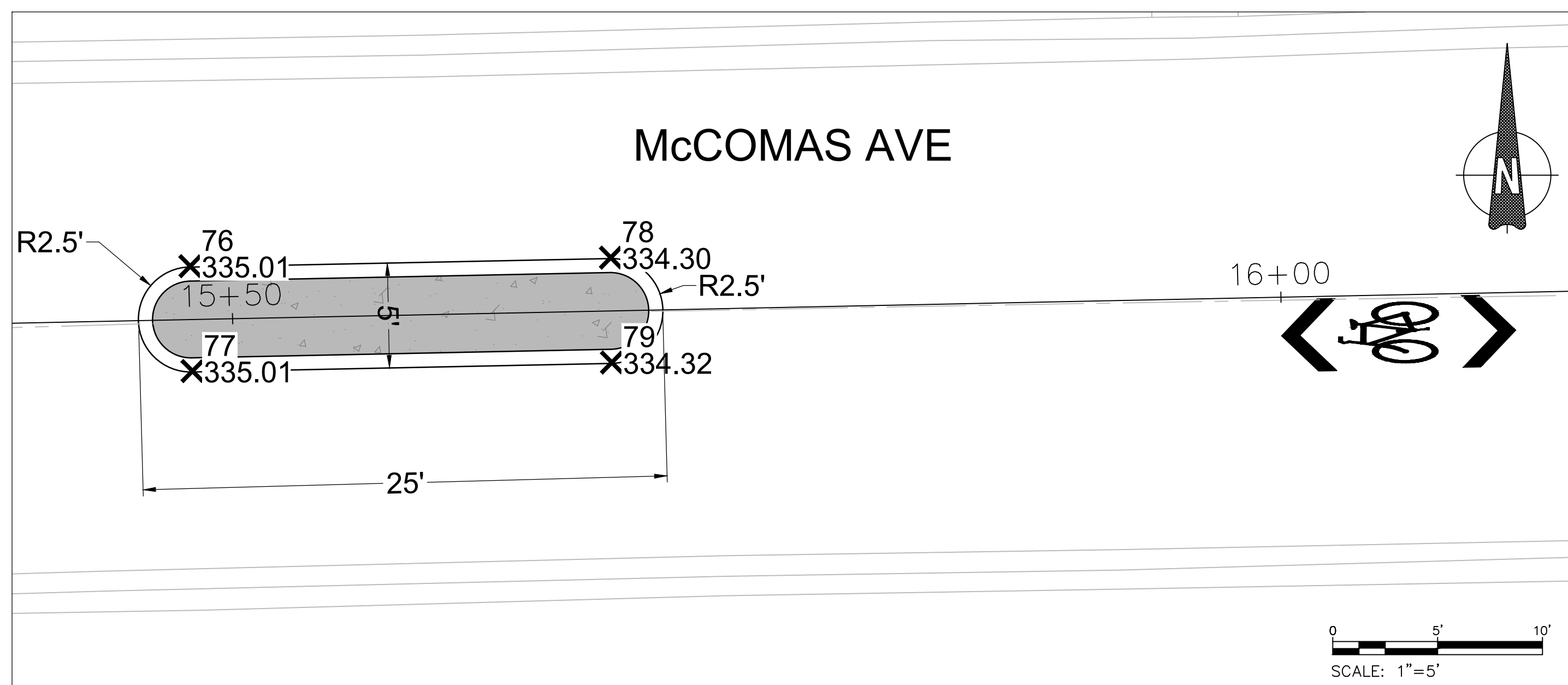
Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

Designed by: MDS Drawn by: TRS Checked by: JJR

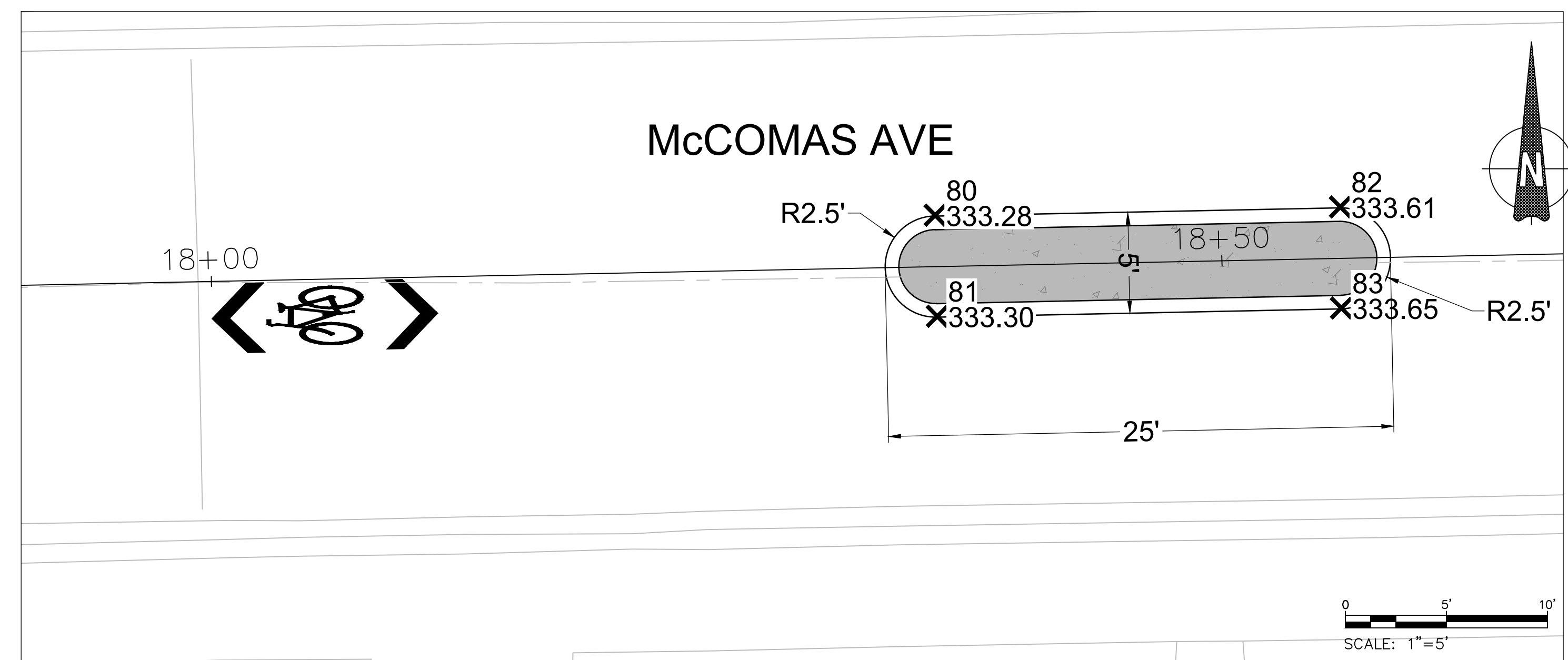
**DT-03
ROADWAY DETAILS
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY**

DATE: APRIL 2024
SHEET 18 of 54



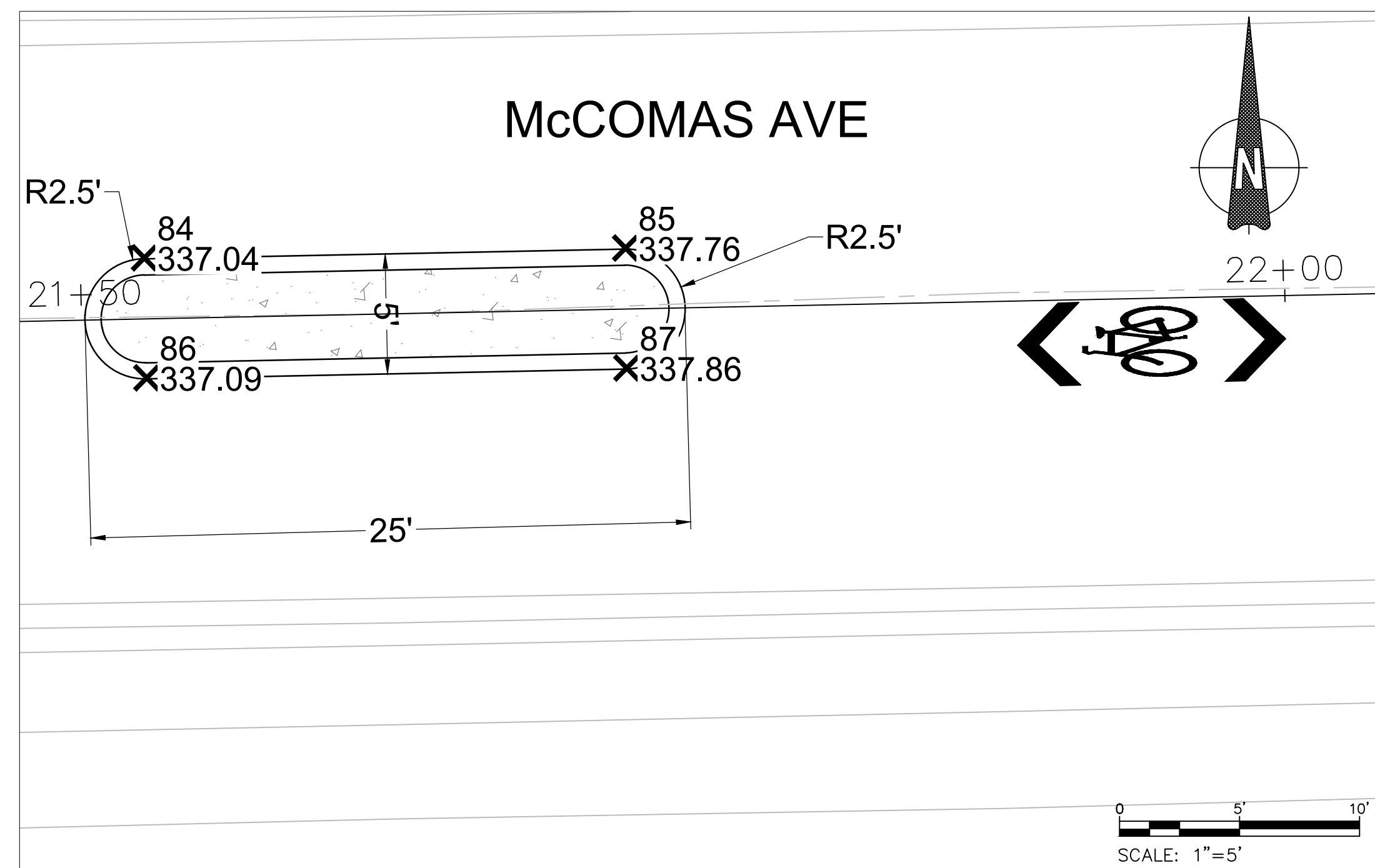
McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
76	335.01	497525.18	1294086.73	CURB ISLAND TIE TO EXIST.
77	335.01	497520.18	1294086.84	CURB ISLAND TIE TO EXIST.
78	334.30	497525.59	1294106.78	CURB ISLAND TIE TO EXIST.
79	334.32	497520.59	1294106.83	CURB ISLAND TIE TO EXIST.

McCOMAS AVE
STATION 15+45



McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
80	333.28	497531.07	1294374.50	CURB ISLAND TIE TO EXIST.
81	333.30	497526.07	1294374.60	CURB ISLAND TIE TO EXIST.
82	333.61	497531.48	1294394.55	CURB ISLAND TIE TO EXIST.
83	333.65	497526.48	1294394.60	CURB ISLAND TIE TO EXIST.

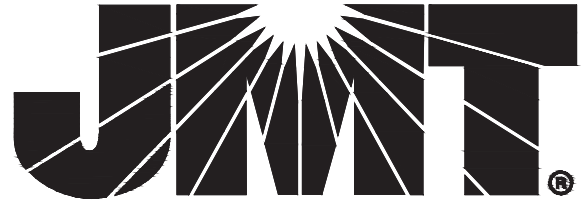
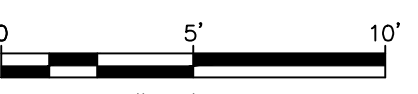
McCOMAS AVE
STATION 18+32

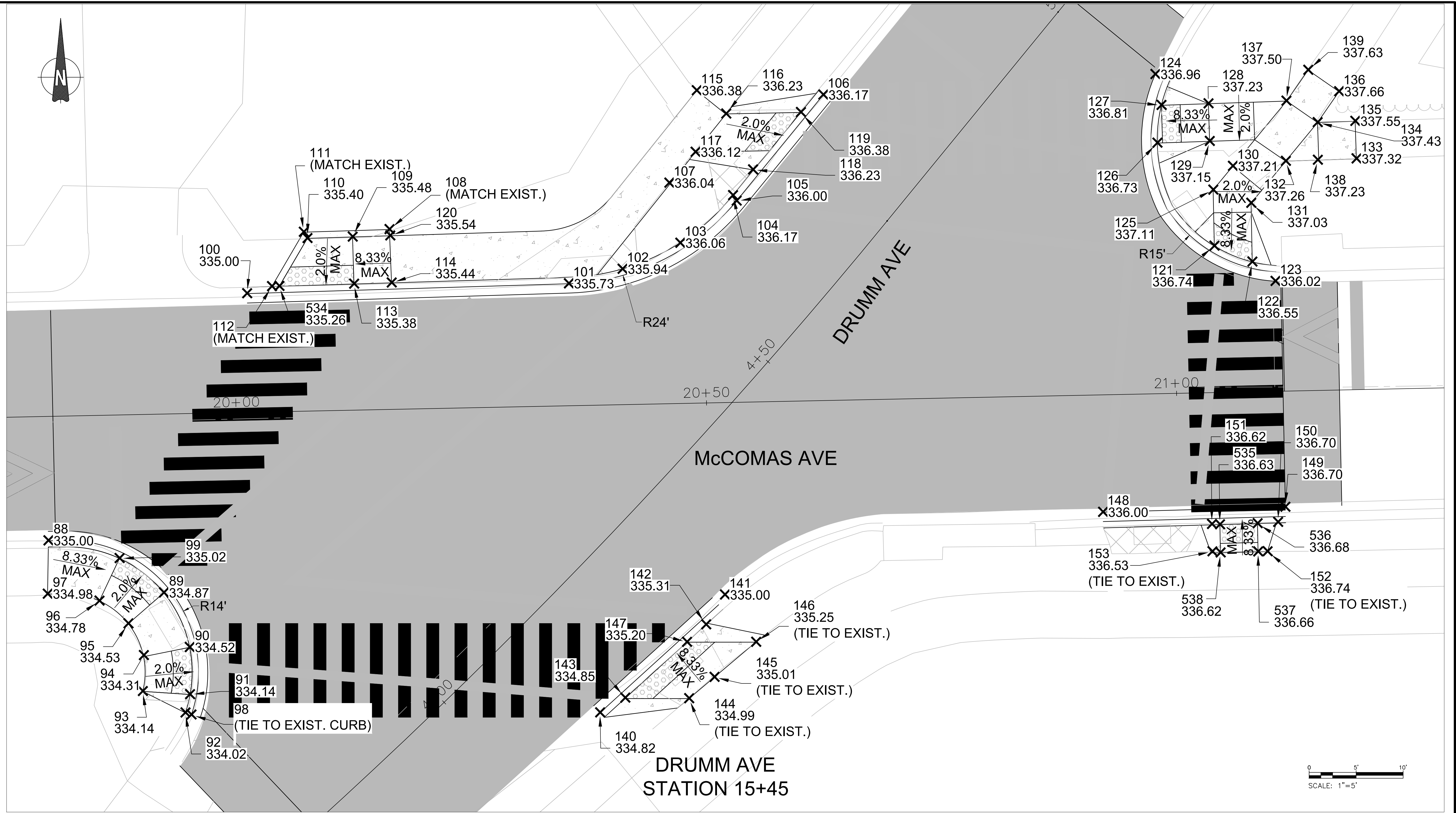
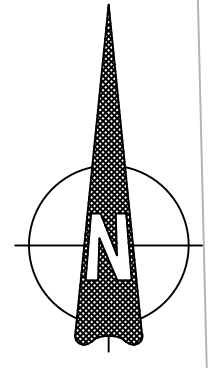


McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
84	337.04	497537.54	1294691.10	TIE TO EXISTING
85	337.76	497537.95	1294711.14	TIE TO EXISTING
86	337.09	497532.54	1294691.20	TIE TO EXISTING
87	337.86	497532.95	1294711.19	TIE TO EXISTING

McCOMAS AVE
STATION 21+50

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

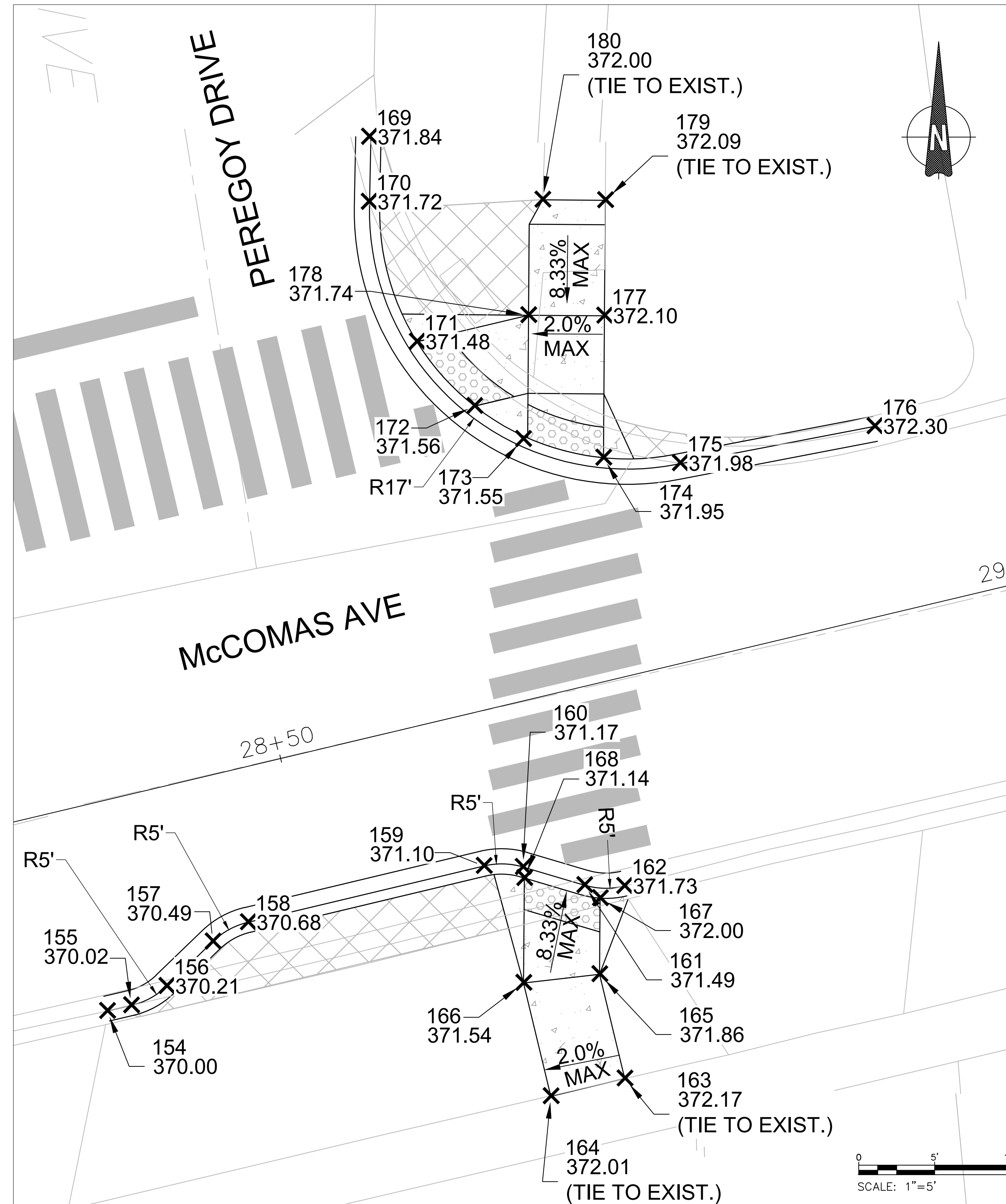
DRAFT NOT FOR CONSTRUCTION 	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND		DT-04 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY
	RECOMMENDED FOR APPROVAL Chief, Design Section _____ Date _____ APPROVED Chief, Division of Transportation Engineering _____ Date _____		 SCALE: 1"=5' DATE: APRIL 2024
NO. _____ REVISION _____ DATE _____ BY _____	Designed by: <u>MDS</u> Drawn by: <u>TRS</u> Checked by: <u>JJR</u>		CIP No. : 502002 SHEET 19 of 54



- NOTES:**
1. REFER TO SHEET DT-06 FOR DRUMM AVE POINT TABLES.
 2. REFER TO SHEET DT-01 FOR RAISED CROSSWALK AND RAISED INTERSECTION DETAILS.

DRAFT NOT FOR CONSTRUCTION 	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND	DT-05 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY
	RECOMMENDED FOR APPROVAL Chief, Design Section _____ Date _____ APPROVED Chief, Division of Transportation Engineering _____ Date _____ Designed by: <u>MDS</u> Drawn by: <u>TRS</u> Checked by: <u>JJR</u>	SCALE: 1"=5' DATE: APRIL 2024 CIP No. : 502002 SHEET 20 of 54

McCOMAS AVE AT PEREGOY DRIVE
STATION 28+50



McCOMAS AVE AT DRUMM AVE
STATION 20+50


McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
88	335.00	497518.29	1294518.67	TIE TO EXISTING CURB
89	334.87	497512.75	1294530.95	FRONT OF LANDING
90	334.52	497506.95	1294533.70	FRONT OF LANDING
91	334.14	497501.94	1294533.72	TOP OF RAMP
92	334.02	497500.00	1294533.24	MATCH EXISTING
93	334.14	497502.27	1294528.71	TOP OF RAMP
94	334.31	497506.10	1294528.81	BACK OF LANDING
95	334.53	497509.47	1294527.17	BACK OF LANDING
96	334.78	497511.89	1294524.09	TOP OF RAMP
97	334.98	497512.62	1294518.59	TIE TO EXIST. SIDEWALK
98	MATCH EX. ELEV	497499.78	1294533.88	TIE TO EXIST. CURB
99	335.02	497516.41	1294526.23	BOTTOM OF RAMP
100	335.00	497544.57	1294539.80	TIE TO EXISTING CURB
101	335.73	497545.63	1294574.01	FLOWLINE ELEVATION
102	335.94	497547.17	1294579.73	TOP OF RAMP
103	336.06	497549.94	1294585.86	FRONT OF LANDING
104	336.17	497555.01	1294591.47	FRONT OF LANDING
105	336.00	497554.42	1294591.85	FLOWLINE ELEVATION
106	336.17	497565.70	1294601.07	TIE TO EXISTING CURB
107	336.04	497556.33	1294584.70	BACK OF LANDING
108	MATCH EX. ELEV	497551.39	1294554.94	TOP OF RAMP
109	335.48	497550.60	1294551.02	TOP OF LANDING
110	335.40	497550.44	1294546.21	TOP OF LANDING
111	MATCH EX. ELEV	497551.10	1294545.82	TOP OF RAMP
112	MATCH EX. ELEV	497545.33	1294542.44	TOP OF RAMP
113	335.38	497545.59	1294551.17	FRONT OF LANDING
114	335.44	497545.72	1294555.17	TOP OF RAMP
115	336.38	497566.16	1294587.61	SIDEWALK MATCH EXIST.
116	336.23	497563.68	1294590.75	SIDEWALK MATCH EXIST.
117	336.12	497559.61	1294587.49	TOP OF RAMP
118	336.23	497557.74	1294593.60	BOTTOM OF RAMP
119	336.38	497563.84	1294598.69	BOTTOM OF RAMP
120	335.54	497550.72	1294555.02	TOP OF RAMP
121	336.74	497549.64	1294642.67	FRONT LANDING
122	336.55	497547.95	1294646.70	FRONT LANDING
123	336.02	497545.89	1294649.16	TIE TO EXIST. CURB

McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
124	336.96	497567.88	1294636.39	TIE TO EXIST.
125	337.11	497555.59	1294642.55	TOP OF RAMP
126	336.73	497560.58	1294636.60	FRONT LANDING
127	336.81	497564.60	1294637.04	FRONT LANDING
128	337.23	497564.77	1294642.04	TOP OF RAMP
129	337.15	497560.77	1294642.17	TOP OF RAMP
130	337.21	497558.12	1294644.63	SIDEWALK
131	337.03	497554.19	1294646.58	TOP OF RAMP
132	337.26	497558.65	1294650.26	SIDEWALK
133	337.32	497558.91	1294657.78	TIE TO EXIST. SIDEWALK
134	337.43	497562.77	1294653.65	SIDEWALK
135	337.55	497562.90	1294657.65	TIE TO EXIST. SIDEWALK
136	337.66	497566.05	1294655.93	TIE TO EXIST. SIDEWALK
137	337.50	497565.05	1294650.32	SIDEWALK
138	337.23	497558.77	1294653.66	SIDEWALK
139	337.63	497568.34	1294652.64	TIE TO EXIST. SIDEWALK
140	334.82	497500.00	1294577.34	TIE TO EXISTING CURB
141	335.00	497512.54	1294590.61	TIE TO EXISTING CURB
142	335.31	497509.37	1294588.61	BOTTOM OF RAMP
143	334.85	497501.57	1294580.01	BOTTOM LANDING
144	334.99	497501.51	1294586.80	SIDEWALK
145	335.01	497503.78	1294589.50	SIDEWALK
146	335.25	497507.51	1294593.93	TOP OF RAMP
147	335.20	497507.51	1294586.58	BOTTOM LANDING
148	336.00	497521.33	1294630.82	TIE TO EXISTING CURB
149	336.70	497521.87	1294650.21	TIE TO EXISTING CURB
150	336.70	497520.26	1294649.44	CURB CONNECTION
151	336.62	497520.04	1294642.41	FRONT OF LANDING
152	336.74	497517.14	1294648.32	TOP OF RAMP
153	336.53	497517.13	1294642.45	TOP OF RAMP
534	335.26	497545.35	1294543.23	FRONT LANDING
535	336.63	497520.01	1294643.26	FRONT LANDING
536	336.68	497520.12	1294647.26	FRONT LANDING
537	336.66	497517.12	1294647.32	FRONT LANDING
538	336.62	497517.01	1294643.32	FRONT LANDING

McCOMAS AVE STATION
AT
PEREGOY DRIVE
STATION 28+50

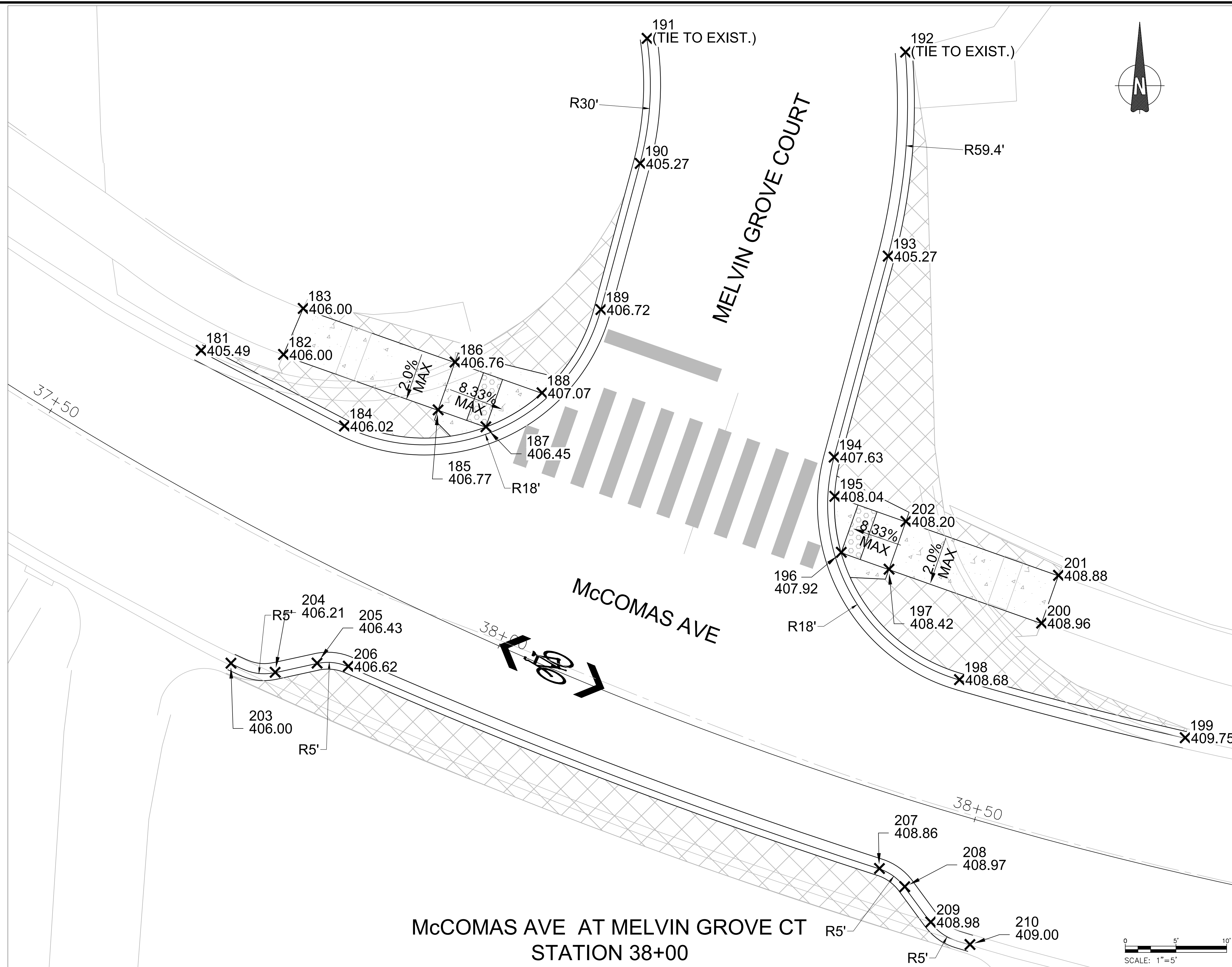
McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
154	370.00	497655.00	1295361.82	TIE TO EXIST. CURB
155	370.02	497655.37	1295363.40	ROADWAY FLOWLINE
156	370.21	497656.64	1295365.73	ROADWAY FLOWLINE
157	370.49	497659.58	1295368.77	ROADWAY FLOWLINE
158	370.68	497660.85	1295371.08	ROADWAY FLOWLINE
159	371.10	497664.55	1295386.62	ROADWAY FLOWLINE
160	371.17	497664.49	1295389.19	ROADWAY FLOWLINE
161	371.49	497663.29	1295393.25	ROADWAY FLOWLINE
162	371.73	497663.24	1295395.87	TIE TO EXIST. CURB
163	372.17	497650.56	1295395.89	TOP OF RAMP
164	372.01	497649.38	1295391.03	TOP OF RAMP
165	371.86	497657.43	1295394.23	TOP OF RAMP
166	371.54	497656.85	1295389.23	TOP OF RAMP
167	372.00	497662.43	1295394.27	BOTTOM OF RAMP
168	371.14	497663.76	1295389.28	BOTTOM OF RAMP
169	371.84	497712.59	1295379.06	TIE TO EXIST. CURB
170	371.72	497708.31	1295379.05	ROADWAY FLOWLINE
171	371.48	497699.09	1295382.21	BOTTOM OF RAMP
172	371.56	497694.86	1295386.00	BOTTOM OF RAMP
173	371.55	497692.68	1295389.21	BOTTOM OF RAMP
174	371.95	497691.45	1295394.49	BOTTOM OF RAMP
175	371.98	497691.09	1295399.54	ROADWAY FLOWLINE
176	372.30	497693.52	1295412.35	TIE TO EXIST. CURB
177	372.10	497700.81	1295394.56	TOP OF RAMP
178	371.74	497700.84	1295389.56	TOP OF RAMP
179	372.09	497708.42	1295394.61	BACK OF LANDING
180	372.00	497708.45	1295390.48	BACK OF LANDING

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

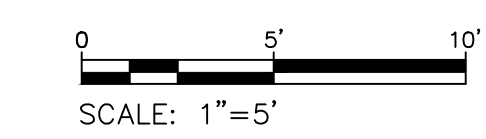
DRAFT NOT FOR CONSTRUCTION 	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND			DT-06 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY
	RECOMMENDED FOR APPROVAL Chief, Design Section _____ Date _____ APPROVED Chief, Division of Transportation Engineering _____ Date _____ Designed by: MDS Drawn by: TRS Checked by: JUR			SCALE: 1"=5' DATE: APRIL 2024 SHEET 21 of 54
NO.	REVISION	DATE	BY	

McCOMAS AVE
AT
MELVIN GROVE COURT
STATION 37+60

McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Eastings	Description
181	405.49	497552.33	1296241.25	TIE TO EXIST. CURB
182	406.00	497551.93	1296249.37	TIE TO EXIST. SIDEWALK
183	406.00	497556.47	1296251.31	TIE TO EXIST. SIDEWALK
184	406.02	497544.87	1296255.38	ROADWAY FLOWLINE
185	406.77	497546.46	1296264.62	TOP OF RAMP
186	406.76	497551.18	1296266.29	TOP OF RAMP
187	406.45	497544.80	1296269.34	BOTTOM OF RAMP
188	407.07	497548.14	1296274.87	BOTTOM OF RAMP
189	406.72	497556.36	1296280.68	ROADWAY FLOWLINE
190	405.27	497570.79	1296284.56	ROADWAY FLOWLINE
191	MATCH EX. ELEV	497583.12	1296285.24	TIE TO EXIST. CURB
192	MATCH EX. ELEV	497581.77	1296310.74	TIE TO EXIST. CURB
193	405.27	497561.64	1296309.02	ROADWAY FLOWLINE
194	407.63	497541.80	1296303.68	ROADWAY FLOWLINE
195	408.04	497537.93	1296303.75	BOTTOM OF RAMP
196	407.92	497532.40	1296304.39	BOTTOM OF RAMP
197	408.42	497530.74	1296309.11	TOP OF RAMP
198	408.68	497519.84	1296316.06	ROADWAY FLOWLINE
199	409.75	497514.10	1296338.32	TIE TO EXIST. CURB
200	408.96	497525.41	1296324.15	TIE TO EXIST. SIDEWALK
201	408.88	497530.13	1296325.82	TIE TO EXIST. SIDEWALK
202	408.20	497535.45	1296310.77	TOP OF RAMP
203	406.00	497521.46	1296244.18	TIE TO EXIST. CURB
204	406.21	497520.56	1296248.55	ROADWAY FLOWLINE
205	406.43	497521.47	1296252.67	ROADWAY FLOWLINE
206	406.62	497521.16	1296255.76	ROADWAY FLOWLINE
207	408.86	497501.20	1296308.16	ROADWAY FLOWLINE
208	408.97	497499.40	1296310.65	ROADWAY FLOWLINE
209	408.98	497495.91	1296313.22	ROADWAY FLOWLINE
210	409.00	497493.69	1296317.09	TIE TO EXIST. CURB



McCOMAS AVE AT MELVIN GROVE CT
STATION 38+00

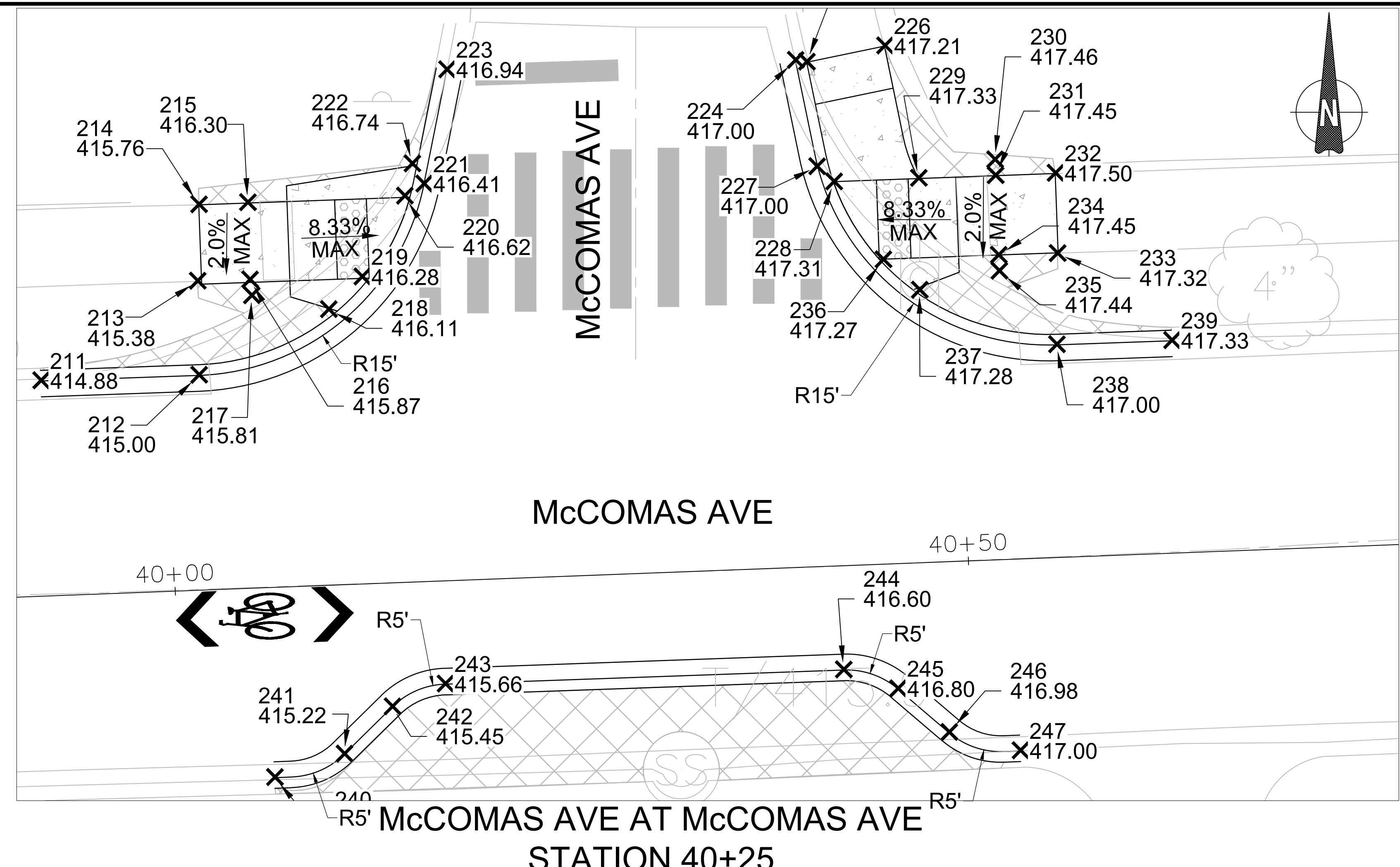


NOTES:
1.REFER TO SHEET DT-01 FOR RAISED CROSSWALK AND RAISED INTERSECTION DETAILS.

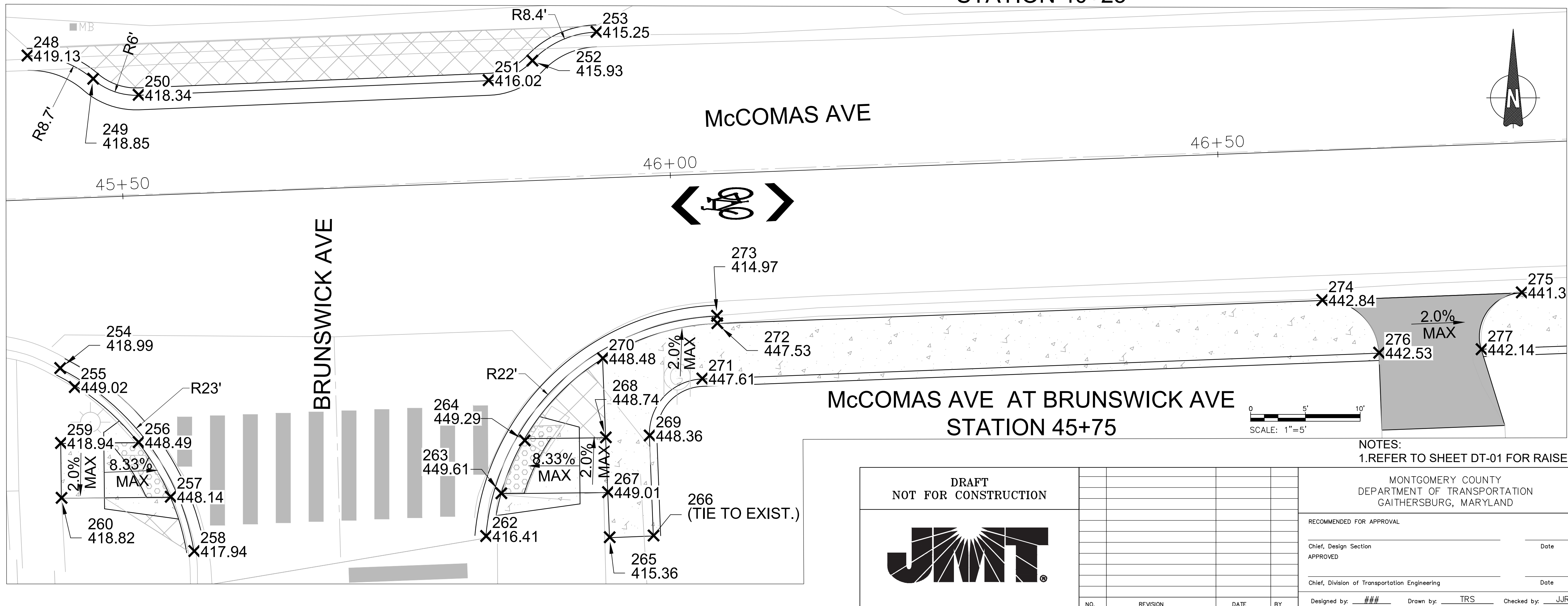
<p>DRAFT NOT FOR CONSTRUCTION</p>	<p>NO. _____</p> <p>REVISION _____</p> <p>DATE _____</p> <p>BY _____</p>	<p>MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND</p> <p>RECOMMENDED FOR APPROVAL</p> <p>Chief, Design Section APPROVED _____ Date _____</p> <p>Chief, Division of Transportation Engineering APPROVED _____ Date _____</p> <p>Designed by: MDS Drawn by: TRS Checked by: JUR</p>	<p>DT-07 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY</p> <p>DATE: APRIL 2024</p> <p>CIP No. : 502002 SHEET 22 of 54</p>
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McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
248	419.13	497526.28	1297007.02	TIE TO EXIST. CURB
249	418.85	497524.17	1297013.01	ROADWAY FLOWLINE
250	418.34	497522.70	1297017.16	ROADWAY FLOWLINE
251	416.02	497524.03	1297049.10	ROADWAY FLOWLINE
252	415.93	497525.82	1297053.10	ROADWAY FLOWLINE
253	415.25	497528.44	1297058.95	TIE TO EXIST. CURB
254	418.99	497497.78	1297010.00	TIE TO EXIST. CURB
255	449.02	497496.05	1297011.33	CURB CONNECTION
256	448.49	497491.03	1297017.16	BOTTOM OF RAMP
257	448.14	497486.06	1297020.09	BOTTOM OF RAMP
258	417.94	497481.10	1297022.24	TIE TO EXIST. CURB
259	418.94	497490.95	1297010.07	TOP OF RAMP
260	418.82	497485.95	1297010.13	TOP OF RAMP
262	416.41	497482.47	1297048.87	TIE TO EXIST. CURB
263	449.61	497486.37	1297050.26	BOTTOM OF RAMP
264	449.29	497491.19	1297052.41	BOTTOM OF RAMP
265	415.36	497482.36	1297060.15	TIE TO EXIST.
266	MATCH EX. ELEV	497482.52	1297064.15	TIE TO EXIST.
267	449.01	497486.47	1297060.00	SIDEWALK
268	448.74	497491.47	1297059.80	TOP OF RAMP
269	448.36	497491.64	1297063.80	SIDEWALK
270	448.48	497498.68	1297059.52	SIDEWALK
271	447.61	497496.83	1297068.60	SIDEWALK
272	447.53	497501.88	1297069.97	SIDEWALK
273	414.97	497502.55	1297069.95	TIE TO EXIST. CURB
274	442.84	497503.99	1297125.18	DRIVEWAY RAMP BOTTOM
275	441.30	497504.68	1297143.39	DRIVEWAY RAMP BOTTOM
276	442.53	497499.18	1297130.37	DRIVEWAY RAMP TOP
277	442.14	497499.50	1297139.72	DRIVEWAY RAMP TOP

McCOMAS AVE
AT
BRUNSWICK AVE STATION
45+75



McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
211	414.88	497505.77	1296457.68	TIE TO EXIST. CURB
212	415.00	497506.13	1296467.63	ROADWAY FLOWLINE
213	415.38	497512.05	1296467.54	BACK OF LANDING
214	415.76	497516.87	1296467.62	BACK OF LANDING
215	416.30	497517.00	1296470.70	TOP OF RAMP
216	415.87	497512.14	1296470.84	TOP OF RAMP
217	415.81	497511.14	1296470.94	TOP OF WING
218	416.11	497510.26	1296475.80	BOTTOM OF WING
219	416.28	497512.32	1296477.90	BOTTOM OF RAMP
220	416.62	497517.41	1296480.58	BOTTOM OF RAMP
221	416.41	497518.17	1296481.80	ROADWAY FLOWLINE
222	416.74	497519.44	1296481.06	BOTTOM OF WING
223	416.94	497525.37	1296483.24	TIE TO EXIST. CURB
224	417.00	497525.97	1296505.21	TIE TO EXIST. CURB
225	417.02	497525.86	1296505.92	TIE TO EXIST. SIDEWALK
226	417.21	497526.87	1296510.84	TOP OF RAMP
227	417.00	497519.26	1296506.56	ROADWAY FLOWLINE
228	417.31	497518.31	1296507.63	BOTTOM OF RAMP
229	417.33	497518.53	1296512.97	SIDEWALK
230	417.46	497519.70	1296517.76	TOP OF WING
231	417.45	497518.70	1296517.80	TOP OF RAMP
232	417.50	497518.85	1296521.58	BACK OF LANDING
233	417.32	497513.79	1296521.71	BACK OF LANDING
234	417.45	497513.69	1296518.00	TOP OF RAMP
235	417.44	497512.69	1296518.04	TOP OF WING
236	417.27	497513.40	1296510.74	BOTTOM OF RAMP
237	417.28	497511.49	1296513.03	BOTTOM OF WING
238	417.00	497508.05	1296521.67	ROADWAY FLOWLINE
239	417.33	497508.31	1296528.92	TIE TO EXIST. CURB
240	415.00	497480.78	1296472.40	TIE TO EXIST. CURB
241	415.22	497482.25	1296476.79	ROADWAY FLOWLINE
242	415.45	497485.23	1296479.81	ROADWAY FLOWLINE
243	415.66	497486.67	1296483.14	ROADWAY FLOWLINE
244	416.60	497487.56	1296508.24	ROADWAY FLOWLINE
245	416.80	497486.37	1296511.66	ROADWAY FLOWLINE
246	416.98	497483.62	1296514.89	ROADWAY FLOWLINE
247	417.00	497482.46	1296519.37	TIE TO EXIST. CURB



McCOMAS AVE
AT
McCOMAS AVE STATION
40+25

DRAFT
NOT FOR CONSTRUCTION

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section
APPROVED _____ Date _____

Chief, Division of Transportation Engineering
APPROVED _____ Date _____

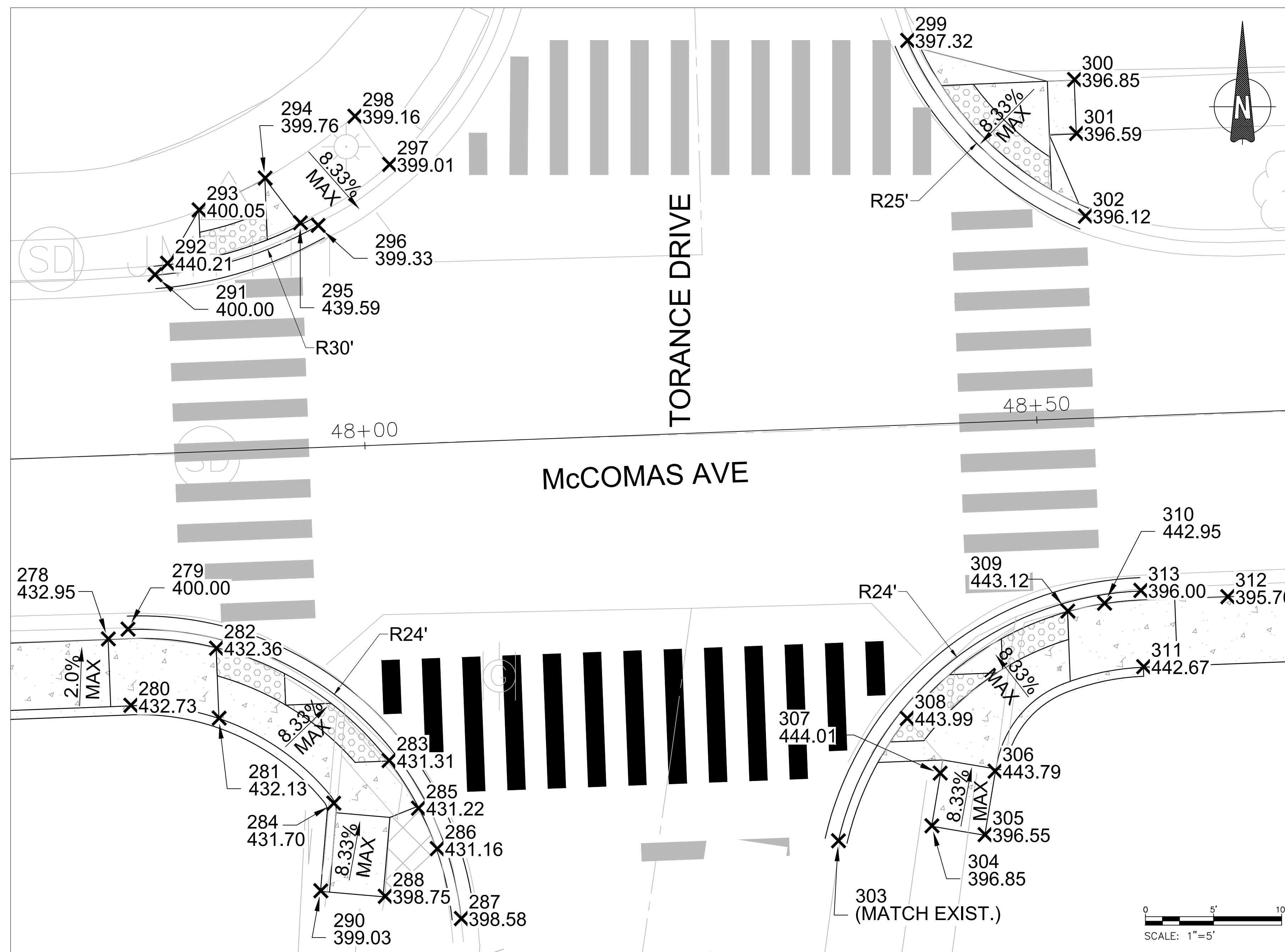
Designed by: ### Drawn by: TRS Checked by: JUR

DT-08
ROADWAY DETAILS
McCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=5'

DATE: APRIL 2024

CIP No.: 502002 SHEET 23 of 54



McCOMAS AVE AT TORANCE DRIVE
STATION 48+25

McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Eastings	Description
278	432.95	497508.62	1297246.47	FRONT OF LANDING
279	400.00	497509.34	1297247.93	TIE TO EXIST. CURB
280	432.73	497503.68	1297248.14	SIDEWALK
281	432.13	497502.73	1297254.71	TOP OF LANDING
282	432.36	497507.92	1297254.50	BOTTOM OF LANDING
283	431.31	497499.58	1297267.34	BOTTOM OF RAMP
284	431.70	497496.40	1297263.23	TOP OF LANDING
285	431.22	497496.02	1297269.52	BOTTOM OF RAMP
286	431.16	497493.02	1297270.92	BOTTOM OF LANDING
287	398.58	497487.82	1297272.71	TIE TO EXIST. CURB
288	398.75	497489.48	1297267.05	TOP OF RAMP
290	399.03	497489.89	1297262.26	TOP OF RAMP
291	400.00	497535.69	1297249.93	TIE TO EXISTING CURB
292	440.21	497536.54	1297250.87	FRONT OF LANDING
293	400.05	497540.51	1297253.22	BACK OF LANDING
294	399.76	497542.88	1297258.13	BACK OF LANDING
295	439.59	497539.55	1297260.75	FRONT OF LANDING
296	399.33	497539.36	1297262.07	TIE TO EXISTING CURB
297	399.01	497543.89	1297267.38	TIE TO EXISTING
298	399.16	497547.47	1297264.80	TIE TO EXISTING
299	397.32	497553.11	1297305.90	TIE TO EXIST. CURB
300	396.85	497550.20	1297318.31	TIE TO EXIST. SIDEWALK
301	396.59	497546.20	1297318.46	TIE TO EXIST. SIDEWALK
302	396.12	497540.05	1297319.12	TIE TO EXIST. CURB
303	MATCH EX. ELEV	497493.61	1297300.76	TIE TO EXIST. CURB
304	396.85	497494.72	1297307.71	TOP OF RAMP
305	396.55	497494.06	1297311.65	TOP OF RAMP
306	443.79	497498.78	1297312.40	BACK OF LANDING
307	444.01	497498.64	1297308.32	BOTTOM OF RAMP
308	443.99	497502.70	1297305.86	FRONT OF LANDING
309	443.12	497510.69	1297317.81	FRONT LANDING
310	442.95	497511.27	1297320.54	BOTTOM OF LANDING
311	442.67	497506.55	1297323.45	SIDEWALK
312	395.70	497511.75	1297329.71	CURB CONNECTION
313	396.00	497512.22	1297323.23	TIE TO EXIST. CURB

McCOMAS AVE
AT
TORANCE DRIVE
STATION 48+25

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

DRAFT
NOT FOR CONSTRUCTION

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

Designed by: ### Drawn by: TRS Checked by: JUR

DT-09
ROADWAY DETAILS
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

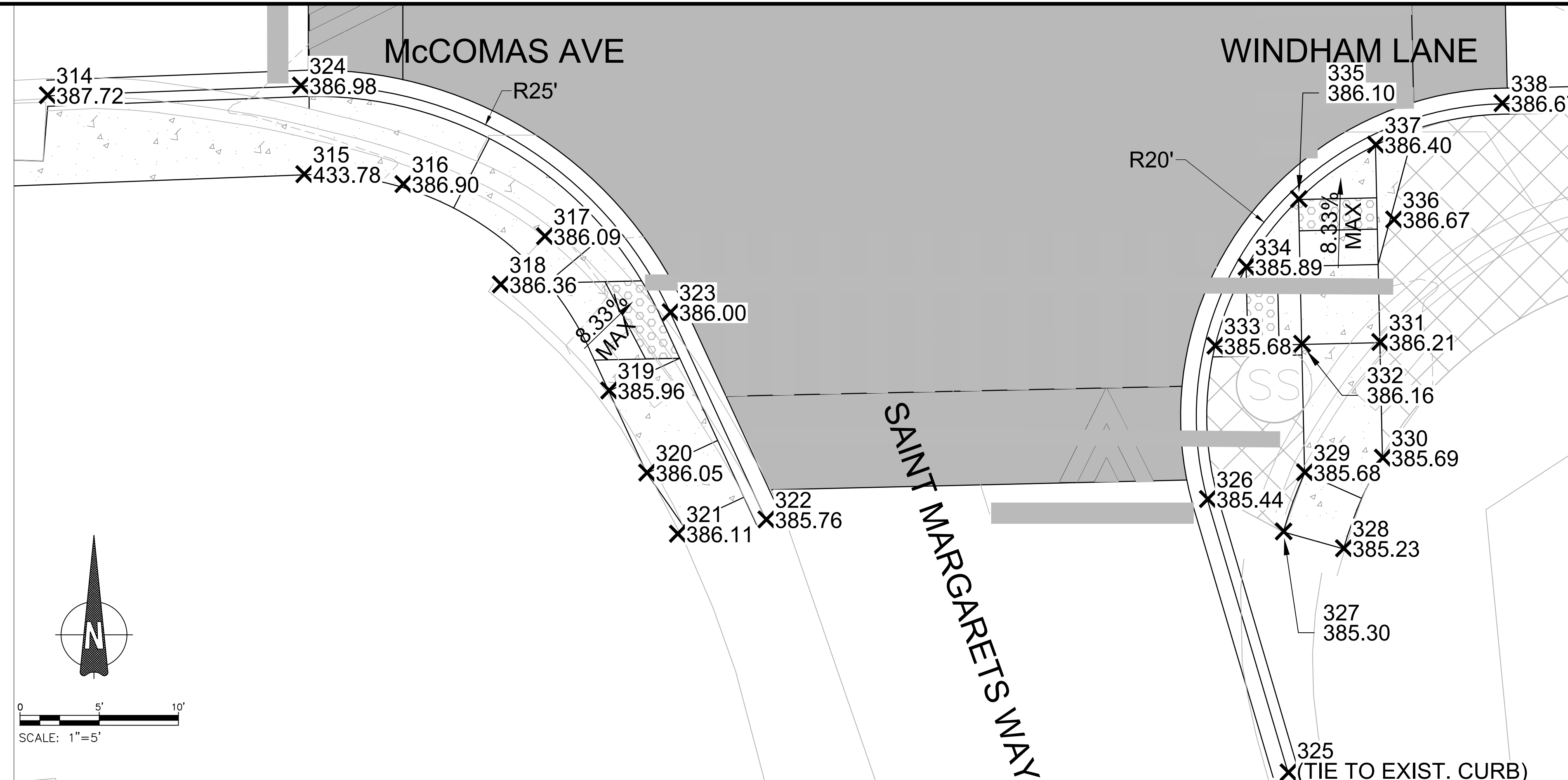
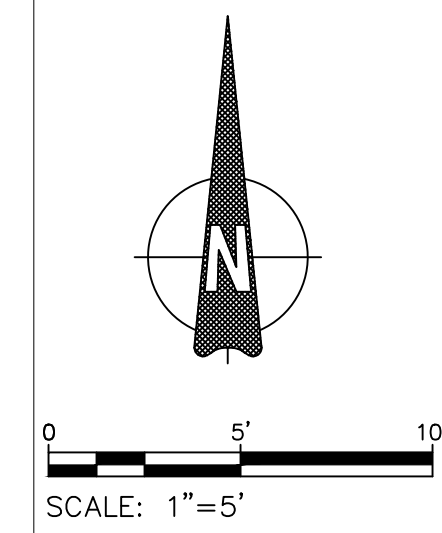
SCALE: 1"=5'

DATE: APRIL 2024

CIP No. : 502002 SHEET 24 of 54

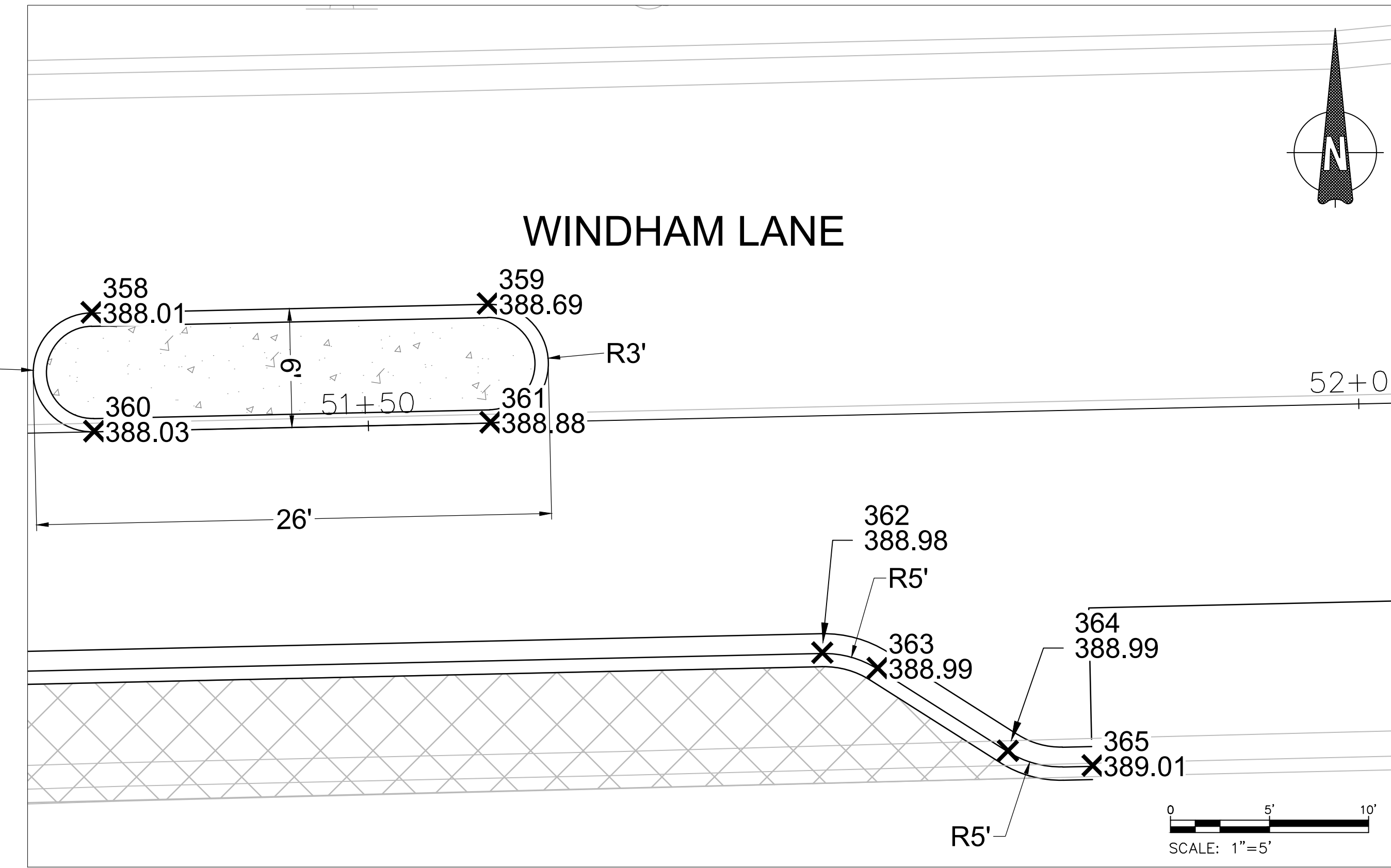
WINDHAM LANE
AT
SAINT MARGARETS WAY
STATION 50+70

Point #	Elevation	Northing	Easting	Description
339	0.00	497573.25	1297535.13	TIE TO EXIST. CURB
340	389.00	497566.78	1297532.30	ROADWAY FLOWLINE
341	388.90	497563.18	1297532.93	BOTTOM OF RAMP
342	388.25	497558.91	1297532.22	ROADWAY FLOWLINE
343	388.28	497557.17	1297533.09	BOTTOM OF RAMP
344	387.00	497546.79	1297544.48	ROADWAY FLOWLINE
345	387.00	497546.92	1297550.21	TIE TO EXIST. CURB
346	387.03	497547.54	1297548.02	BOTTOM OF RAMP
347	387.46	497547.75	1297541.68	BOTTOM OF RAMP
348	388.50	497557.07	1297541.23	TOP OF RAMP
349	388.42	497559.21	1297547.09	TOP OF LANDING
350	388.20	497559.36	1297551.91	TIE TO EXIST. SIDEWALK
351	388.60	497563.05	1297551.88	TIE TO EXIST. SIDEWALK
352	388.88	497563.01	1297547.02	TOP OF LANDING
353	388.76	497563.09	1297541.23	TOP OF RAMP
354	388.19	497563.51	1297567.58	SIDEWALK CONNECTION
355	388.29	497563.63	1297573.58	SIDEWALK CONNECTION
356	MATCH EX. ELEV	497578.83	1297573.27	SIDEWALK CONNECTION
357	MATCH EX. ELEV	497577.47	1297567.30	SIDEWALK CONNECTION



Point #	Elevation	Northing	Easting	Description
314	387.72	497517.55	1297463.15	TIE TO EXIST. CURB
315	433.78	497512.50	1297479.56	SIDEWALK
316	386.90	497511.87	1297485.90	TOP OF RAMP
317	386.09	497508.54	1297494.95	FRONT OF LANDING
318	386.36	497505.46	1297492.13	BACK OF LANDING
319	385.96	497498.68	1297499.05	TOP OF RAMP
320	386.05	497493.42	1297501.48	BACK OF LANDING
321	386.11	497489.52	1297503.45	BACK OF LANDING
322	385.76	497490.43	1297509.11	TIE TO EXIST. CURB
323	386.00	497503.68	1297502.99	ROADWAY FLOWLINE
324	386.98	497518.17	1297479.34	ROADWAY FLOWLINE
325	0.00	497474.26	1297542.50	TIE TO EXISTING
326	385.44	497491.74	1297537.34	ROADWAY FLOWLINE
327	385.30	497489.67	1297542.19	TIE TO EXIST. SIDEWALK
328	385.23	497488.59	1297546.04	TIE TO EXIST. SIDEWALK
329	385.68	497493.44	1297543.55	BACK OF LANDING
330	385.69	497494.38	1297548.53	SIDEWALK
331	386.21	497501.77	1297548.37	TOP OF RAMP
332	386.16	497501.66	1297543.37	TOP OF RAMP
333	385.68	497501.54	1297537.82	BOTTOM OF RAMP
334	385.89	497506.58	1297539.81	BOTTOM OF RAMP
335	386.10	497510.92	1297543.16	BOTTOM OF RAMP
336	386.67	497509.61	1297549.25	BOTTOM OF LANDING
337	386.40	497514.39	1297548.09	BOTTOM OF RAMP
338	386.67	497517.04	1297556.18	ROADWAY FLOWLINE

McCOMAS AVE / WINDHAM LN
AT
SAINT MARGARETS WAY
STATION 50+50

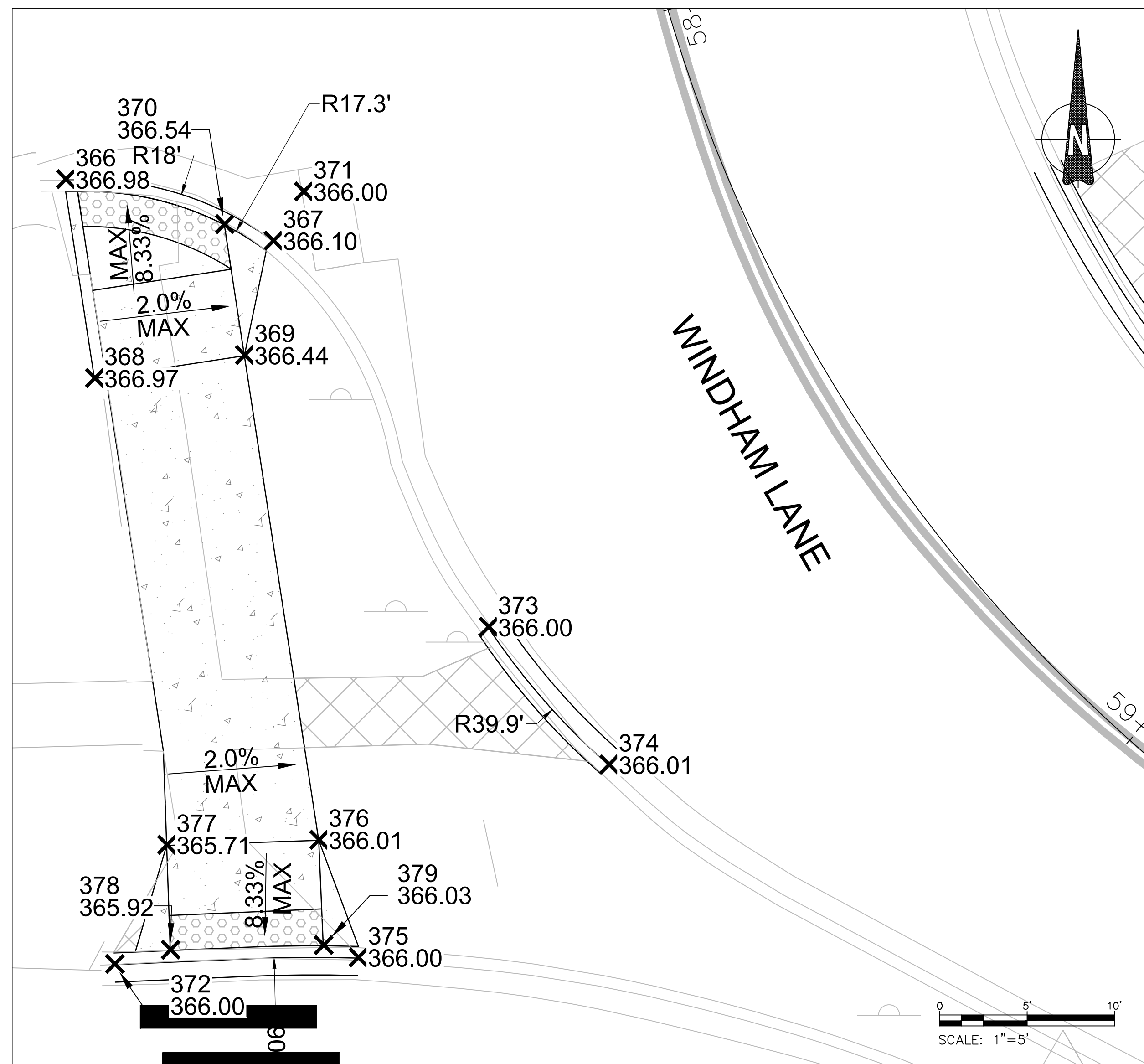


Point #	Elevation	Northing	Easting	Description
358	388.01	497536.05	1297601.43	CURB ISLAND
359	388.69	497536.50	1297621.43	CURB ISLAND
360	388.03	497530.05	1297601.57	CURB ISLAND
361	388.88	497530.50	1297621.56	CURB ISLAND
362	388.98	497518.87	1297638.31	ROADWAY FLOWLINE
363	388.99	497518.09	1297641.10	ROADWAY FLOWLINE
364	388.99	497513.91	1297647.68	ROADWAY FLOWLINE
365	389.01	497513.17	1297651.95	TIE TO EXIST. CURB

WINDHAM LANE
STATION 51+30

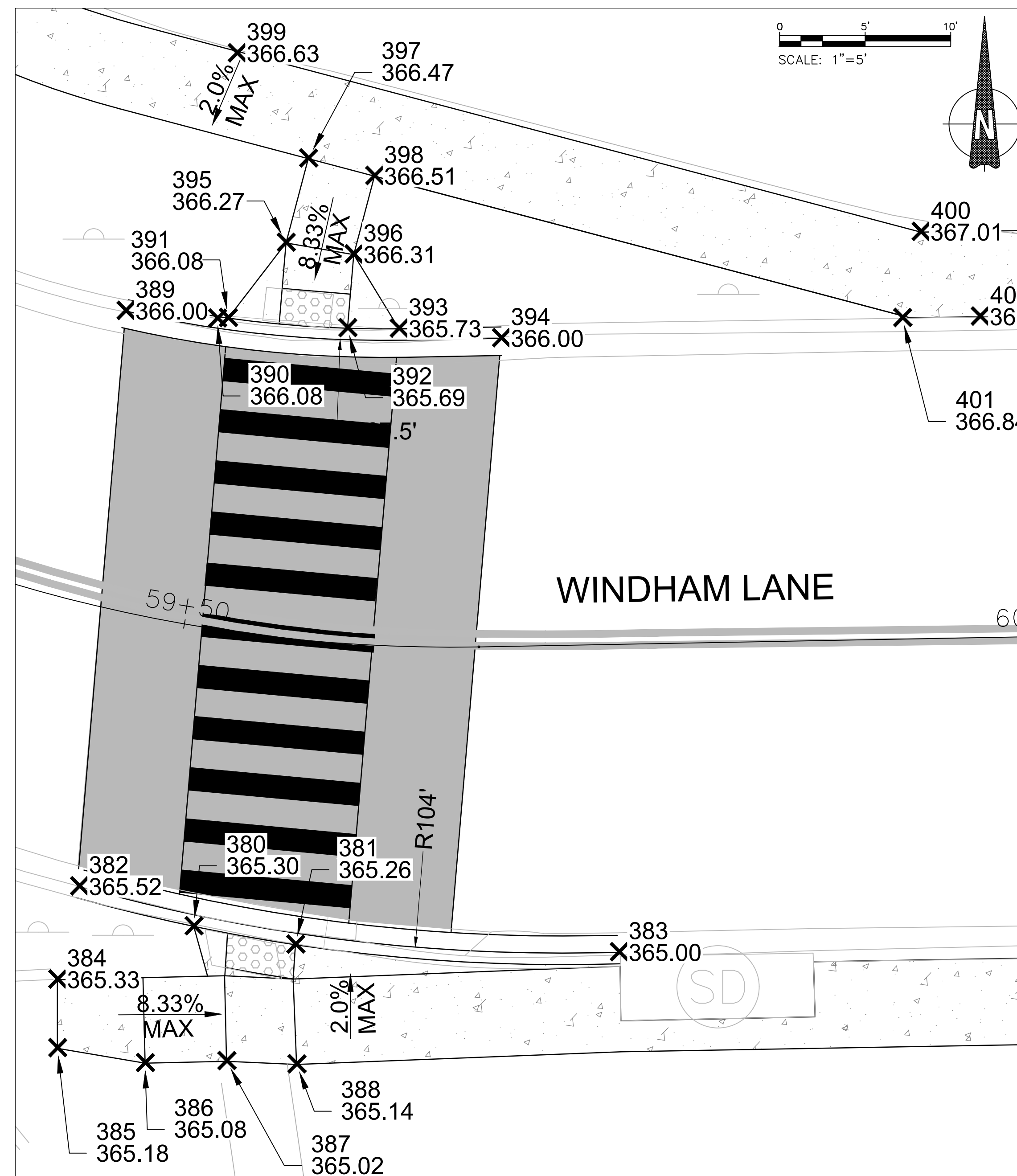
NOTES:
1. REFER TO SHEET DT-01 FOR RAISED CROSSWALK AND RAISED INTERSECTION DETAILS.

<p>DRAFT NOT FOR CONSTRUCTION</p>	<p>MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND</p>		<p>DT-10 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY</p>	
	<p>RECOMMENDED FOR APPROVAL</p> <p>Chief, Design Section APPROVED _____ Date _____</p> <p>Chief, Division of Transportation Engineering APPROVED _____ Date _____</p> <p>Designed by: ### Drawn by: TRS Checked by: JUR</p>			<p>SCALE: 1"=5'</p> <p>DATE: APRIL 2024</p>
NO.	REVISION	DATE	BY	CIP No. : 502002 SHEET 25 of 54



WINDHAM LANE STATION
58+50

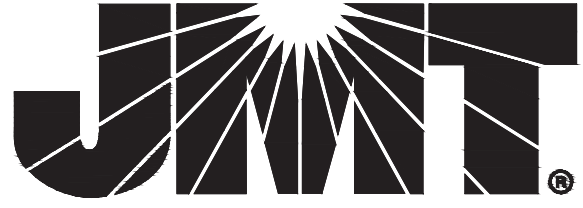
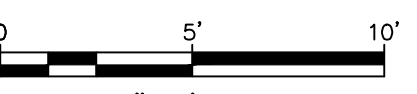
McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
366	366.98	497259.47	1298079.12	TIE TO EXIST. CURB
367	366.10	497255.96	1298090.98	BOTTOM OF WING
368	366.97	497248.12	1298080.77	TOP OF RAMP
369	366.44	497249.43	1298089.34	TOP OF RAMP
370	366.54	497256.90	1298088.19	BOTTOM OF RAMP
371	366.00	497258.77	1298092.71	BOTTOM OF RAMP
372	366.00	497214.65	1298081.91	TIE TO EXIST. CURB
373	366.00	497233.90	1298103.27	STRIPING ELEVATION
374	366.01	497226.04	1298110.15	TIE TO EXIST. CURB
375	366.00	497215.02	1298095.83	TIE TO EXIST. CURB
376	366.01	497221.74	1298093.58	TOP OF RAMP
377	365.71	497221.45	1298084.89	TOP OF RAMP
378	365.92	497215.46	1298085.10	BOTTOM OF RAMP
379	366.03	497215.73	1298093.84	BOTTOM OF RAMP

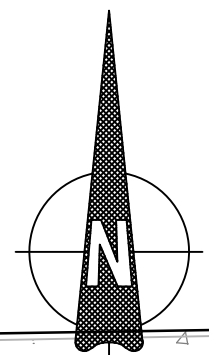


WINDHAM LANE STATION
59+50

McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
380	365.30	497188.26	1298184.87	BOTTOM OF RAMP
381	365.26	497187.19	1298190.81	BOTTOM OF RAMP
382	365.52	497190.59	1298178.18	TIE TO EXIST. CURB
383	365.00	497186.74	1298209.71	TIE TO EXIST. CURB
384	365.33	497185.14	1298176.90	TIE TO EXIST. RAMP
385	365.18	497181.14	1298176.90	TIE TO EXIST. RAMP
386	365.08	497180.26	1298182.02	SIDEWALK
387	365.02	497180.38	1298186.78	TOP OF RAMP
388	365.14	497180.19	1298190.88	TOP OF RAMP
389	366.00	497224.22	1298180.89	TIE TO EXIST. CURB
390	366.08	497223.77	1298186.24	BOTTOM OF WING
391	366.08	497223.80	1298186.87	BOTTOM OF RAMP
392	365.69	497223.21	1298193.85	BOTTOM OF RAMP
393	365.73	497223.18	1298196.86	BOTTOM OF WING
394	366.00	497222.62	1298202.83	TIE TO EXIST. CURB
395	366.27	497228.20	1298190.26	TOP OF RAMP
396	366.31	497227.52	1298194.21	TOP OF RAMP
397	366.47	497233.12	1298191.56	TOP OF RAMP
398	366.51	497232.10	1298195.42	TOP OF RAMP
399	366.63	497239.27	1298187.39	SIDEWALK
400	367.01	497228.83	1298227.34	SIDEWALK
401	366.84	497223.80	1298226.27	SIDEWALK
402	366.90	497223.88	1298230.80	SIDEWALK

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

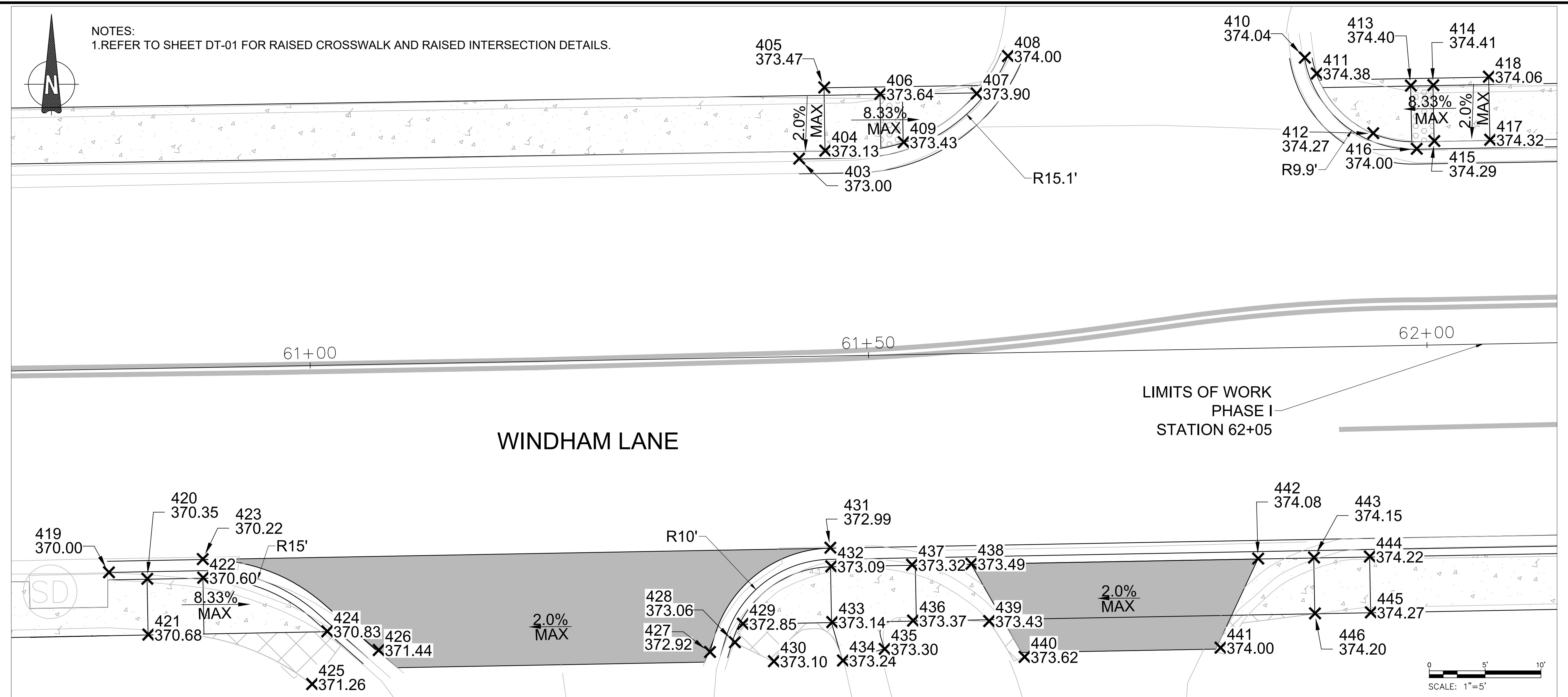
<p>DRAFT NOT FOR CONSTRUCTION</p> 	<p>MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND</p>		<p>DT-11 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY</p>  <p>SCALE: 1"=5'</p>
	<p>RECOMMENDED FOR APPROVAL</p> <p>Chief, Design Section _____ Date _____ APPROVED</p> <p>Chief, Division of Transportation Engineering _____ Date _____ Designed by: ### Drawn by: TRS Checked by: JUR</p>		
NO.	REVISION	DATE	BY




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

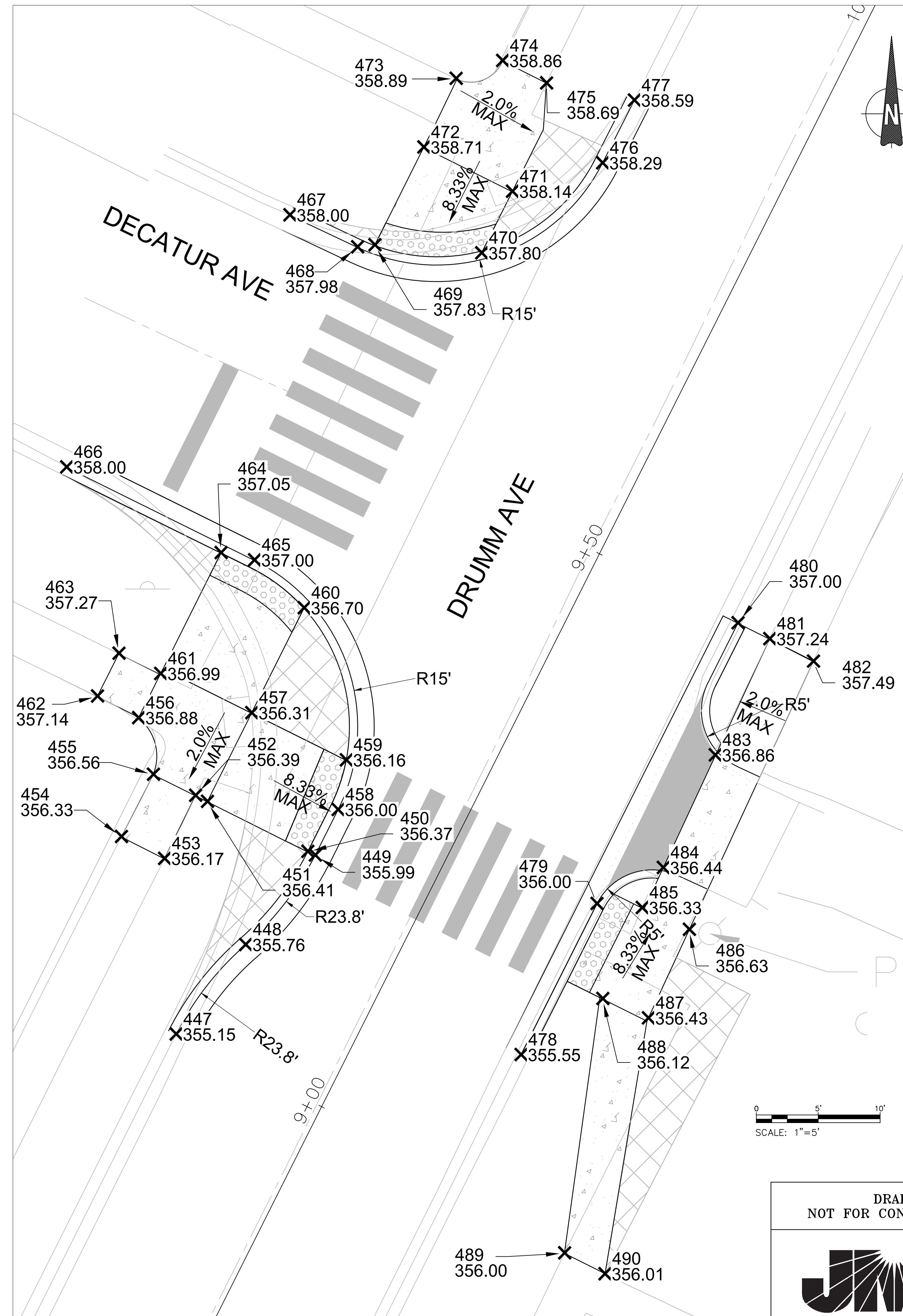
WINDHAM LANE STATION 61+80

MCCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Eastng	Description
403	373.00	497225.53	1298377.98	ROADWAY FLOWLINE
404	373.13	497226.24	1298380.31	ROADWAY FLOWLINE
405	373.47	497231.91	1298380.22	TOP OF RAMP
406	373.64	497231.32	1298385.23	BACK OF LANDING
407	373.90	497231.35	1298393.87	FRONT OF LANDING
408	374.00	497234.71	1298396.67	TIE TO EXIST. CURB
409	373.43	497227.00	1298387.33	FRONT OF LANDING
410	374.04	497234.57	1298423.25	TIE TO EXIST. CURB
411	374.38	497233.15	1298424.31	FRONT OF LANDING
412	374.27	497227.80	1298429.38	FRONT OF LANDING
413	374.40	497232.06	1298432.74	BACK OF LANDING
414	374.41	497232.10	1298434.75	TOP OF LANDING
415	374.29	497227.10	1298434.84	ROADWAY FLOWLINE
416	374.00	497226.41	1298433.27	ROADWAY FLOWLINE
417	374.32	497227.21	1298439.84	TOP OF RAMP
418	374.06	497232.86	1298439.73	TOP OF RAMP
419	370.00	497188.46	1298316.18	TIE TO EXIST. CURB
420	370.35	497187.89	1298319.61	TOP OF RAMP
421	370.68	497182.89	1298319.71	TOP OF RAMP
422	370.60	497187.98	1298324.61	BOTTOM OF LANDING
423	370.22	497189.65	1298324.58	ROADWAY FLOWLINE
424	370.83	497183.18	1298335.73	BOTTOM OF LANDING
425	371.26	497178.45	1298334.37	TOP OF WING
426	371.44	497181.50	1298340.33	TIE TO EXIST. CURB
427	372.92	497181.33	1298369.99	DRIVEWAY RAMP TOP
428	373.06	497182.20	1298372.22	BOTTOM OF RAMP
429	372.85	497183.85	1298372.94	BOTTOM OF RAMP
430	373.10	497180.50	1298375.71	TOP OF RAMP
431	372.99	497190.67	1298380.77	ROADWAY FLOWLINE
432	373.09	497189.00	1298380.85	TOP OF RAMP
433	373.14	497184.00	1298380.94	TOP OF RAMP
434	373.24	497180.56	1298381.90	TOP OF RAMP
435	373.30	497181.60	1298385.63	TOP OF RAMP
436	373.37	497184.13	1298388.17	TOP OF RAMP
437	373.32	497189.13	1298388.08	TOP OF RAMP
438	373.49	497189.23	1298393.39	BOTTOM OF RAMP
439	373.43	497184.09	1298394.99	SIDEWALK
440	373.62	497180.89	1298398.16	DRIVEWAY RAMP TOP
441	374.00	497181.71	1298415.70	DRIVEWAY RAMP TOP
442	374.08	497189.70	1298419.07	BOTTOM OF RAMP
443	374.15	497189.79	1298424.07	TOP OF RAMP
444	374.22	497189.88	1298429.07	BACK OF LANDING
445	374.27	497184.88	1298429.16	BACK OF LANDING
446	374.20	497184.79	1298424.16	TOP OF RAMP



DRAFT NOT FOR CONSTRUCTION 	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND		DT-12 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY
	RECOMMENDED FOR APPROVAL Chief, Design Section _____ Date _____ APPROVED Chief, Division of Transportation Engineering _____ Date _____ Designed by: ### Drawn by: TRS Checked by: JUR		SCALE: 1"=5' DATE: APRIL 2024 CIP No. : 502002 SHEET 27 of 54

DRUMM AVE AT DECATUR AVE
STATION 9+50



McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
447	355.15	497929.96	1294810.19	TIE TO EXIST. CURB
448	355.76	497937.20	1294815.81	ROADWAY FLOWLINE
449	355.99	497944.42	1294821.43	ROADWAY FLOWLINE
450	356.37	497944.73	1294820.83	BOTTOM OF RAMP
451	356.41	497948.77	1294812.72	TOP OF RAMP
452	356.39	497949.25	1294811.76	BOTTOM OF RAMP
453	356.17	497944.16	1294809.25	SIDEWALK CONNECTION
454	356.33	497945.93	1294805.77	SIDEWALK CONNECTION
455	356.56	497950.95	1294808.36	BACK OF LANDING
456	356.88	497955.53	1294807.16	BACK OF LANDING
457	356.31	497955.93	1294816.30	TOP OF RAMP
458	356.00	497948.11	1294823.27	ROADWAY FLOWLINE
459	356.16	497952.12	1294823.94	BOTTOM OF RAMP
460	356.70	497964.41	1294820.53	BOTTOM OF RAMP
461	356.99	497959.10	1294808.94	TOP OF RAMP
462	357.14	497957.28	1294803.84	TOP OF RAMP
463	357.27	497960.74	1294805.57	TOP OF RAMP
464	357.05	497968.87	1294813.82	BOTTOM OF RAMP
465	357.00	497968.28	1294816.52	ROADWAY FLOWLINE
466	358.00	497975.79	1294801.34	TIE TO EXIST. CURB
467	358.00	497996.16	1294819.38	TIE TO EXIST. CURB
468	357.98	497993.58	1294824.84	ROADWAY FLOWLINE
469	357.83	497993.74	1294826.25	BOTTOM OF RAMP
470	357.80	497993.10	1294834.87	BOTTOM OF RAMP
471	358.14	497998.07	1294837.35	TOP OF RAMP
472	358.71	498001.65	1294830.20	TOP OF RAMP
473	358.89	498007.20	1294832.81	BACK OF LANDING
474	358.86	498008.64	1294836.56	BACK OF LANDING
475	358.69	498006.82	1294840.11	BACK OF LANDING
476	358.29	498000.37	1294844.63	ROADWAY FLOWLINE
477	358.59	498005.44	1294847.20	TIE TO EXIST. CURB
478	355.55	497928.30	1294838.05	TIE TO EXIST. CURB
479	356.00	497940.51	1294844.18	BOTTOM OF RAMP
480	357.00	497963.20	1294855.58	TIE TO EXIST. CURB
481	357.24	497961.91	1294858.13	SIDEWALK MATCH EXIST.
482	357.49	497960.10	1294861.67	SIDEWALK MATCH EXIST.
483	356.86	497952.52	1294853.73	DRIVEWAY RAMP TOP
484	356.44	497943.42	1294849.53	DRIVEWAY RAMP TOP
485	356.33	497940.18	1294847.84	TOP OF RAMP
486	356.63	497938.42	1294851.64	BACK OF LANDING
487	356.43	497931.26	1294848.34	BACK OF LANDING
488	356.12	497932.83	1294844.65	TOP OF RAMP
489	356.00	497912.28	1294841.57	SIDEWALK MATCH EXIST.
490	356.01	497910.59	1294844.83	SIDEWALK MATCH EXIST.

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

DRAFT
NOT FOR CONSTRUCTION

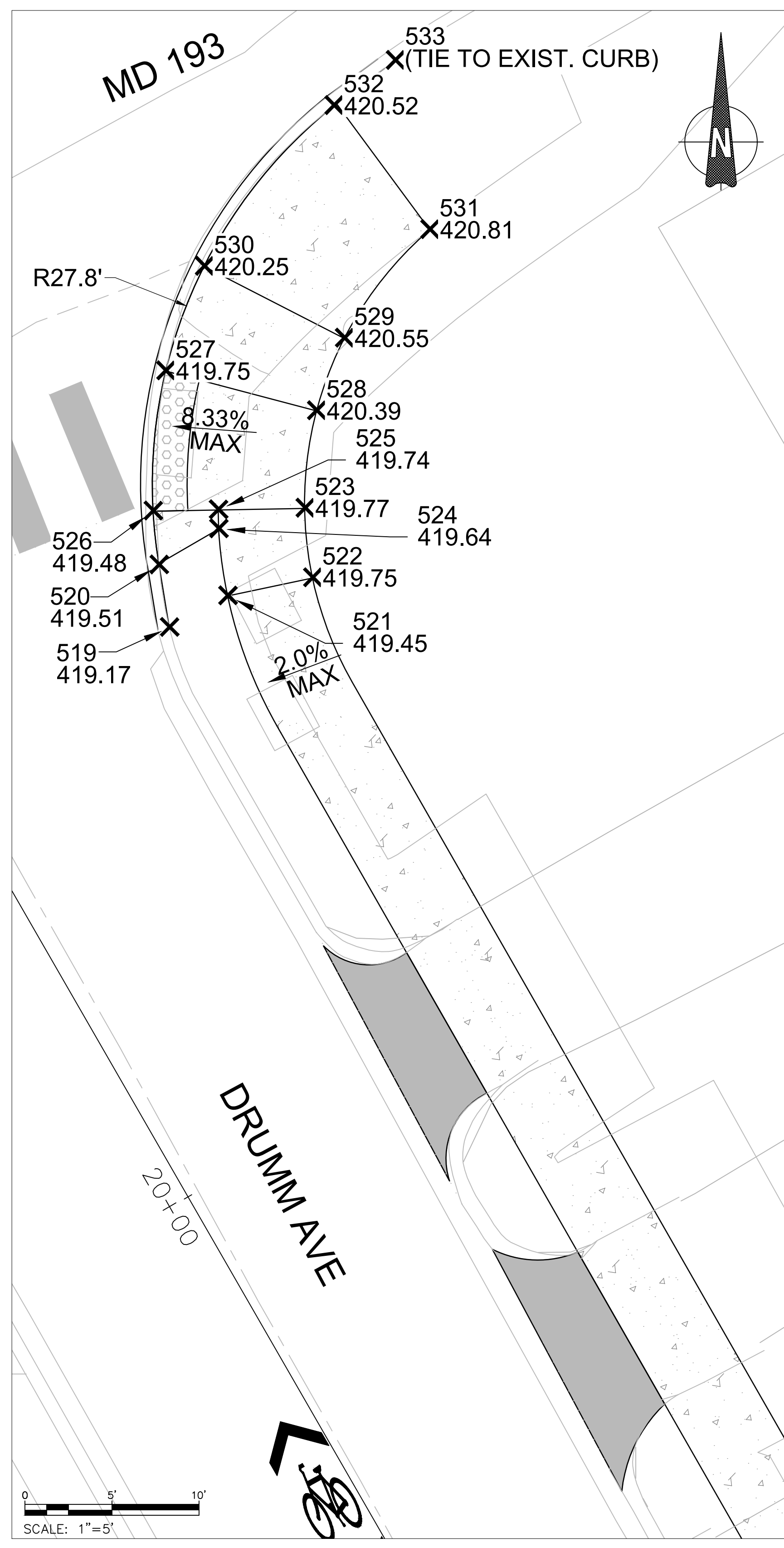
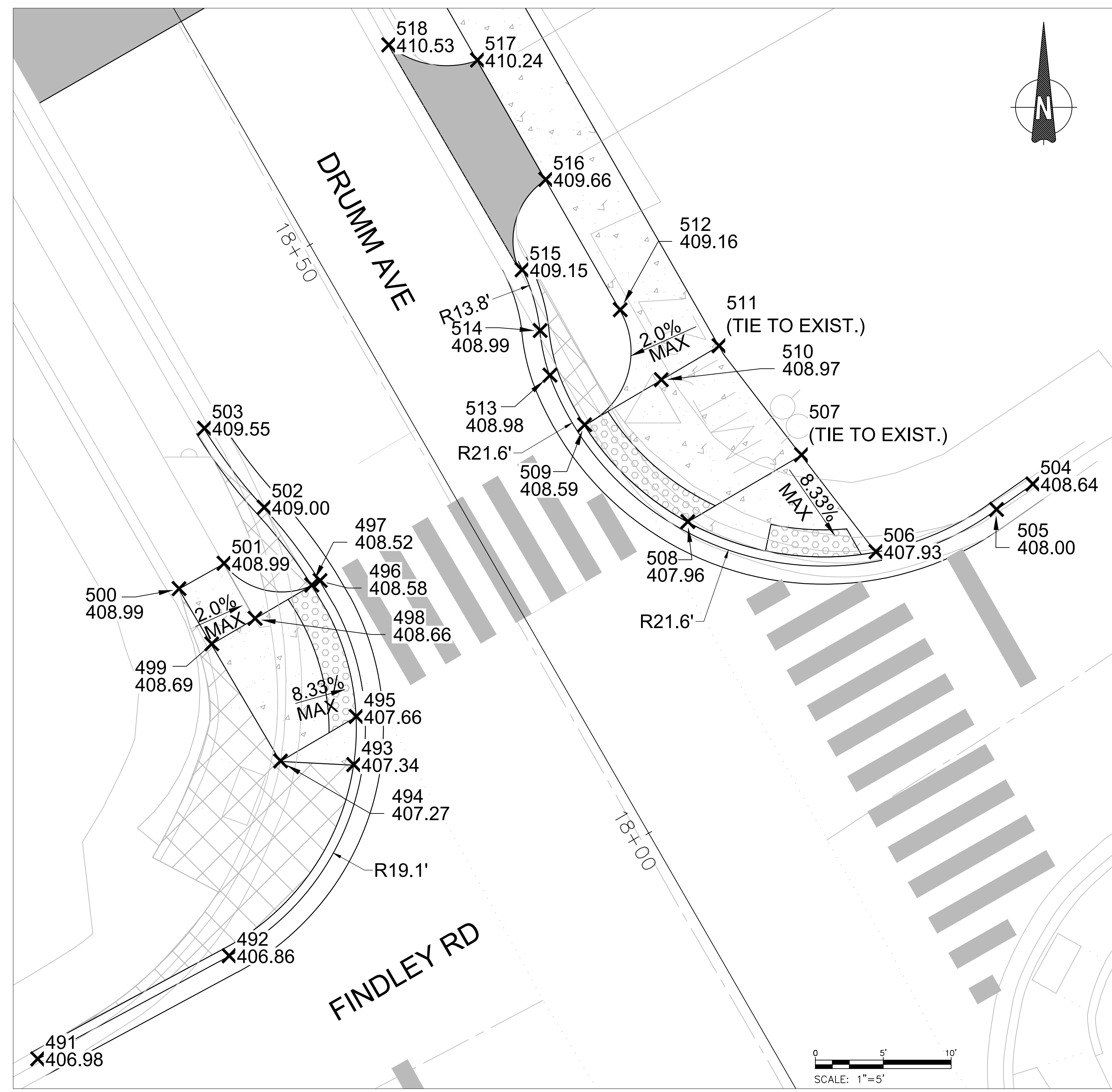
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND			
RECOMMENDED FOR APPROVAL			
Chief, Design Section	_____	Date	_____
APPROVED			
Chief, Division of Transportation Engineering	_____	Date	_____
Designed by: ###	Drawn by: TRS	Checked by: JUR	
NO.	REVISION	DATE	BY

DT-13
ROADWAY DETAILS
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=5'

DATE: APRIL 2024

CIP No. : 502002 SHEET 28 of 54




DRUMM AVE AT FINDLEY RD
STATION 18+00

McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
491	406.98	498730.37	1294975.05	TIE TO EXIST. CURB
492	406.86	498737.97	1294989.14	ROADWAY FLOWLINE
493	407.34	498752.04	1294998.33	BOTTOM OF WING
494	407.27	498752.32	1294992.94	TOP OF RAMP
495	407.66	498755.59	1294998.51	BOTTOM OF RAMP
496	408.58	498765.61	1294995.85	ROADWAY FLOWLINE
497	408.52	498765.27	1294995.23	BOTTOM OF RAMP
498	408.66	498762.82	1294991.06	TOP OF WING
499	408.69	498760.94	1294987.87	TOP OF RAMP
500	408.99	498765.01	1294985.46	BACK OF LANDING
501	408.99	498766.87	1294988.77	BACK OF LANDING
502	409.00	498771.00	1294991.73	ROADWAY FLOWLINE
503	409.55	498776.82	1294987.33	TIE TO EXIST. CURB
504	408.64	498772.71	1295048.34	TIE TO EXIST. CURB
505	408.00	498770.84	1295045.67	ROADWAY FLOWLINE
506	407.93	498767.73	1295036.79	BOTTOM OF RAMP
507	MATCH EX. ELEV	498774.87	1295031.31	TOP OF RAMP
508	407.96	498769.95	1295022.94	BOTTOM OF RAMP
509	408.59	498777.08	1295015.33	BOTTOM OF RAMP
510	408.97	498780.40	1295020.98	BOTTOM OF LANDING
511	MATCH EX. ELEV	498782.90	1295025.23	TOP OF RAMP
512	409.16	498785.55	1295017.96	TOP OF RAMP
513	408.98	498780.73	1295012.78	ROADWAY FLOWLINE
514	408.99	498784.02	1295012.06	ROADWAY FLOWLINE
515	409.15	498788.49	1295010.72	DRIVEWAY BOTTOM RAMP
516	409.66	498795.15	1295012.47	TOP OF DRIVEWAY
517	410.24	498803.94	1295007.44	DRIVEWAY RAMP TOP
518	410.53	498805.06	1295000.90	DRIVEWAY BOTTOM RAMP

DRUMM AVE STATION AT MD 193
STATION 19+75

McCOMAS AVE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
519	419.17	498953.03	1294919.20	TIE TO EXIST. CURB
520	419.51	498956.61	1294918.60	BOTTOM OF RAMP
521	419.45	498954.84	1294922.55	TOP OF RAMP
522	419.75	498955.88	1294927.42	TOP OF RAMP
523	419.77	498959.87	1294926.99	BACK OF LANDING
524	419.64	498958.68	1294922.03	TOP OF RAMP
525	419.74	498959.78	1294922.01	BOTTOM OF RAMP
526	419.48	498959.71	1294918.26	FRONT OF LANDING
527	419.75	498967.75	1294918.99	FRONT OF LANDING
528	420.39	498965.46	1294927.65	BACK OF LANDING
529	420.55	498969.63	1294929.24	TOP OF RAMP
530	420.25	498973.75	1294921.20	TOP OF RAMP
531	420.81	498975.86	1294934.15	SIDEWALK
532	420.52	498982.98	1294928.65	SIDEWALK
533	MATCH EX. ELEV	498985.57	1294932.17	TIE TO EXIST. CURB

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

<p>DRAFT NOT FOR CONSTRUCTION</p> 	<p>MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND</p>		<p>DT-14 ROADWAY DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY</p>	
	<p>RECOMMENDED FOR APPROVAL</p> <p>Chief, Design Section APPROVED _____ Date _____</p> <p>Chief, Division of Transportation Engineering APPROVED _____ Date _____</p> <p>Designed by: ### Drawn by: TRS Checked by: JUR</p>			<p>SCALE: 1"=5'</p> <p>DATE: APRIL 2024</p>
NO.	REVISION	DATE	BY	CIP No. : 502002 SHEET 29 of 54

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:

DESIGN

- 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
 - 10 YEAR RECURRENCE INTERVAL
 - 100 MPH – OVERHEAD AND CANTILEVER STRUCTURES
 - 50 YEAR RECURRENCE INTERVAL
- } ALL DISTRICTS

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

IDENTIFICATION OF SIGNS AND PANELS

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.

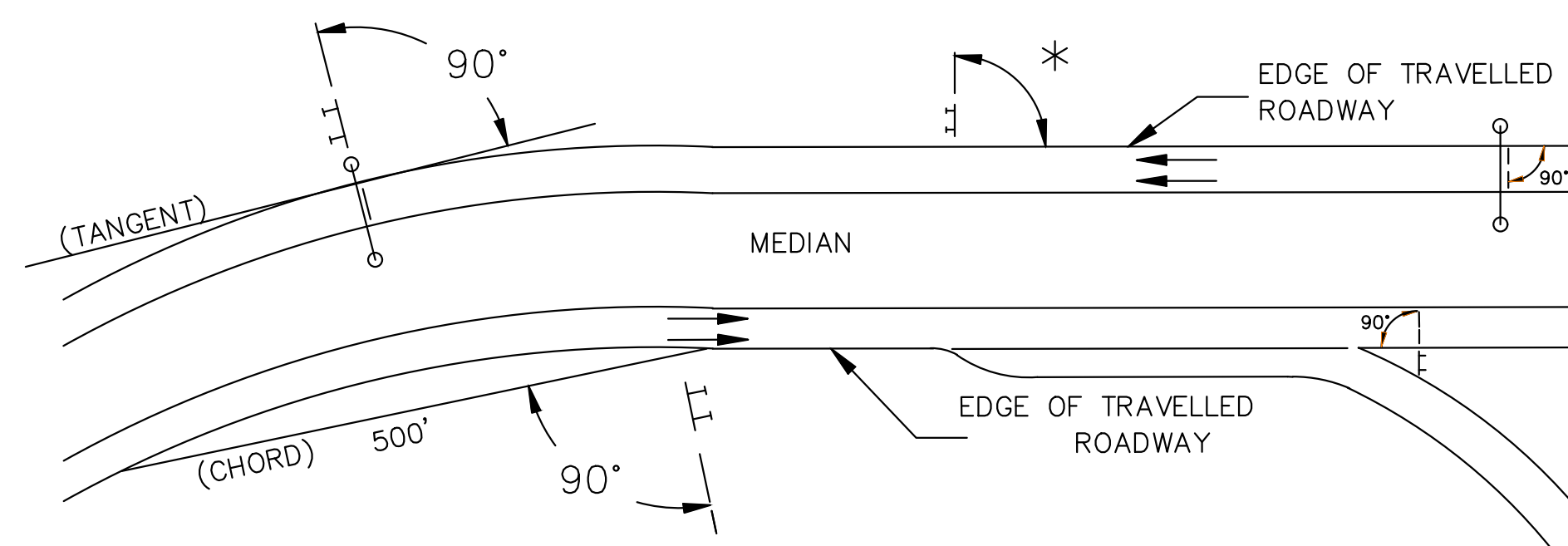
PANEL LAYOUT AND ALPHABETS

- 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/ooots/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

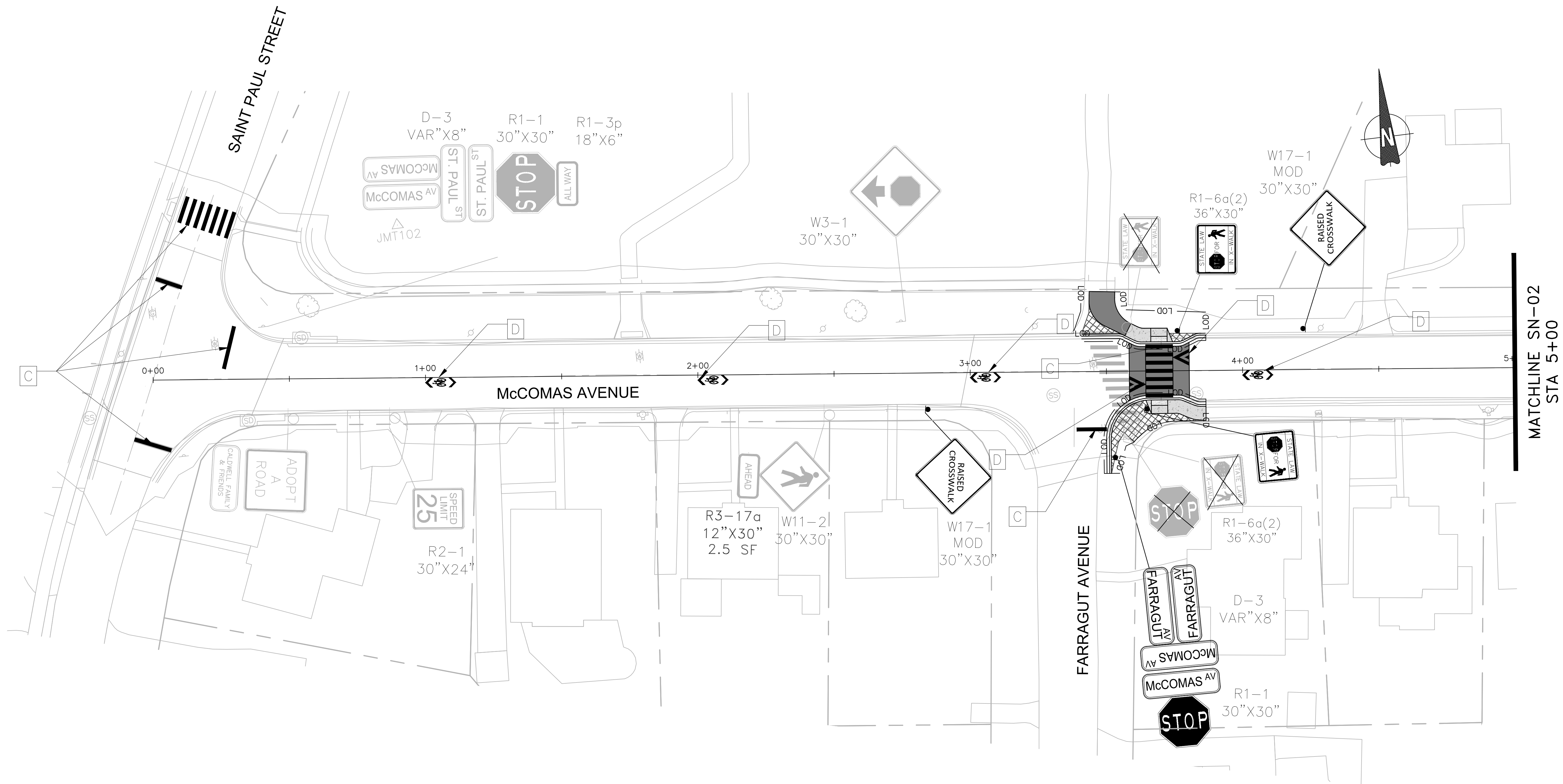
- A) GUIDE, EXIT GORE, AND GENERAL INFORMATION SIGNS- RETROREFLECTIVE SHEETING FOR GUIDE SIGNS, EXIT GORE, AND GENERAL INFORMATION (INCLUDES WHITE ON GREEN, WHITE ON BLUE, WHITE ON BROWN AND THE REVERSE OF THESE COLORS) SHALL MEET OR EXCEED THE REQUIREMENTS FOR ASTM TYPE IX LEGEND ON ASTM TYPE IX BACKGROUND. 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"
GREATER THAN 24" TO 36"	0.080"
GREATER THAN 36" TO 48"	0.100"
OVER 48"	0.125"

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

<p>DRAFT NOT FOR CONSTRUCTION</p>		<p>MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND</p>	<p>SN-00 SIGNING NOTES AND DETAILS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY</p>																																												
		<p>RECOMMENDED FOR APPROVAL</p>	<p>0 20' 40'</p> <p>SCALE: 1"=20'</p> <p>DATE: APRIL 2024</p>																																												
		<p>Chief, Design Section _____ Date _____</p> <p>APPROVED</p> <p>Chief, Division of Transportation Engineering _____ Date _____</p>	<p>CIP No. : 502002 SHEET 30 of 54</p>																																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>REVISION</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	REVISION	DATE	BY																																										<p>Designed by: <u>MDS</u> Drawn by: <u>TRS</u> Checked by: <u>JJR</u></p>	
NO.	REVISION	DATE	BY																																												



MATCHLINE SN-02
STA 5+00

SIGNING LEGEND:

- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN
- SOLAR POWERED PEDESTRIAN PUSH BUTTON SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)
- SOLAR POWERED SIGN SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)

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
- (D) WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS
- (E) GREEN THERMOPLASTIC MARKINGS

**DRAFT
NOT FOR CONSTRUCTION**

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Transportation Engineering _____ Date _____

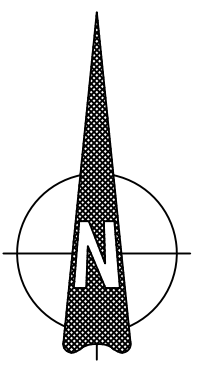
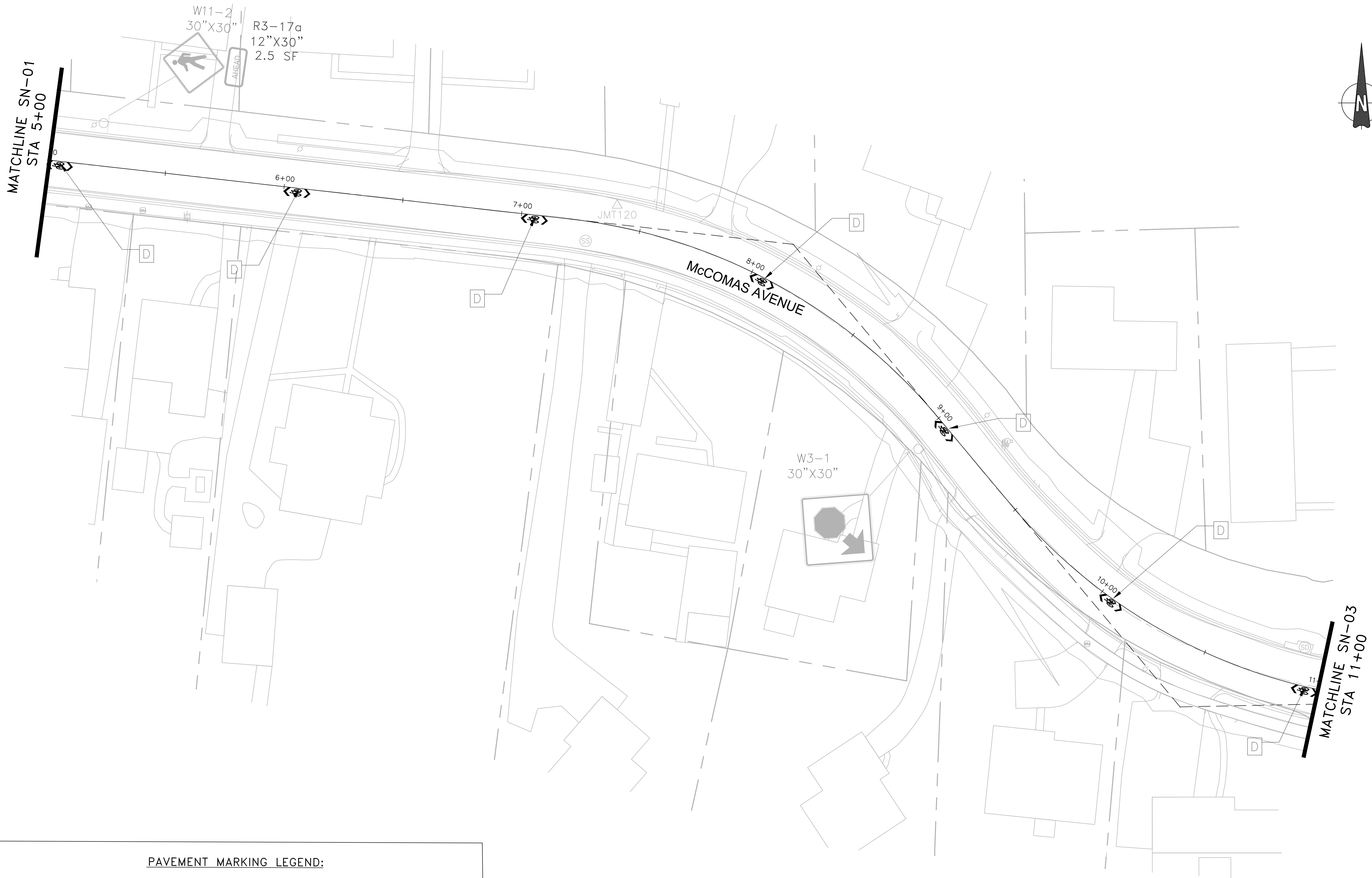
Designed by: MDS Drawn by: TRS Checked by: JJR

SN-01
SIGNING AND MARKING PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY




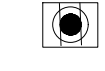
SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 31 of 54



SIGNING LEGEND:

-  EXISTING SIGN TO BE REMOVED
-  EXISTING SIGN TO BE REMOVED
-  PROPOSED SIGN
-  SOLAR POWERED PEDESTRIAN PUSH BUTTON SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)
-  SOLAR POWERED SIGN SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)

PAVEMENT MARKING LEGEND:

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- (E) GREEN THERMOPLASTIC MARKINGS

**DRAFT
NOT FOR CONSTRUCTION**



MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

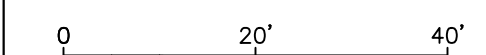
Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Transportation Engineering _____ Date _____

Designed by: MDS Drawn by: TRS Checked by: JJR

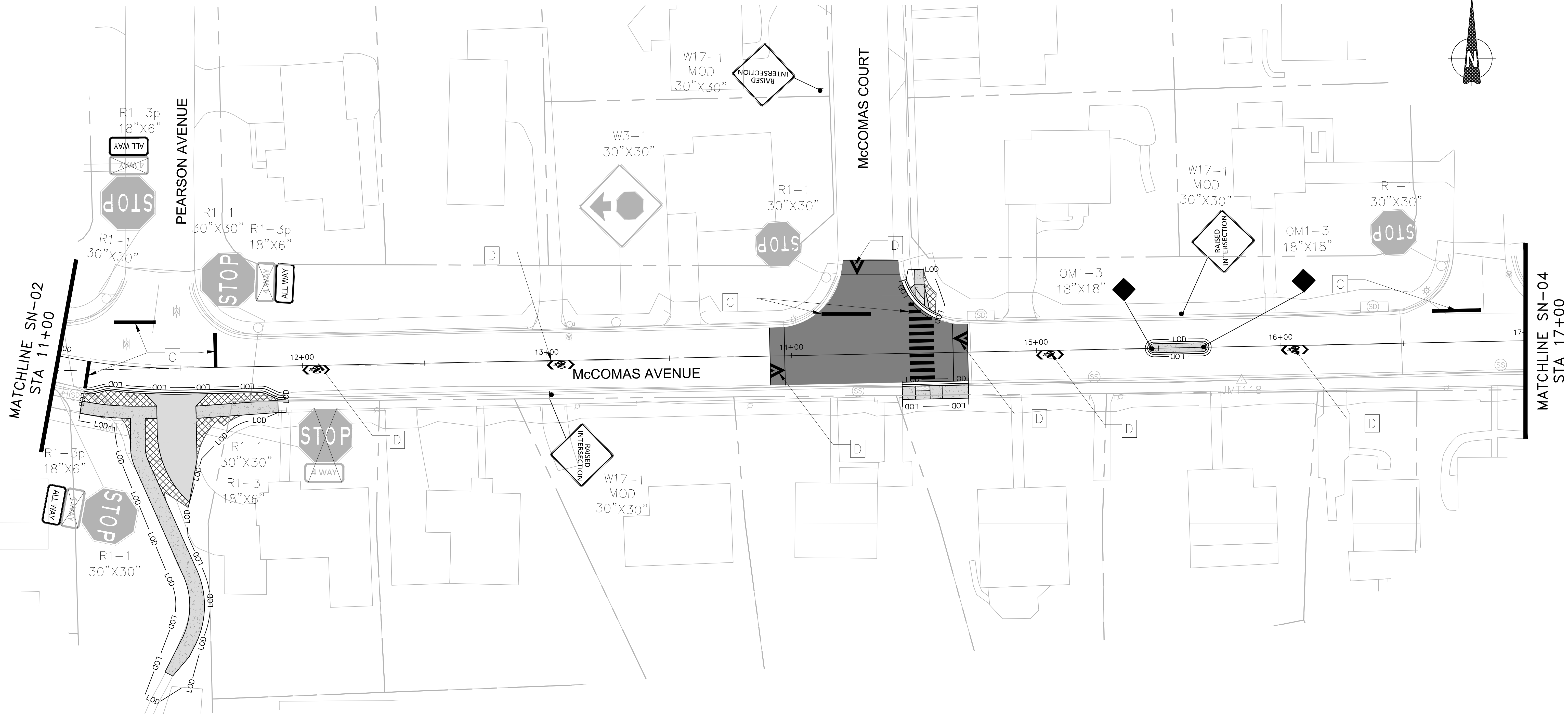
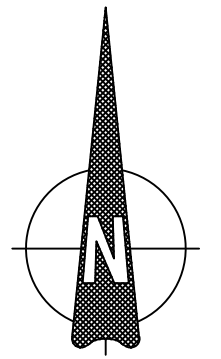
**SN-02
SIGNING AND MARKING PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY**



SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 32 of 54



SIGNING LEGEND:

- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN
- SOLAR POWERED PEDESTRIAN PUSH BUTTON SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)
- SOLAR POWERED SIGN SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)

PAVEMENT MARKING LEGEND:

- (A) SOLID DOUBLE 5" LEAD FREE YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
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NOT FOR CONSTRUCTION**



MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

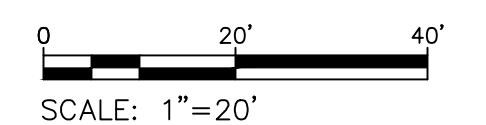
RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

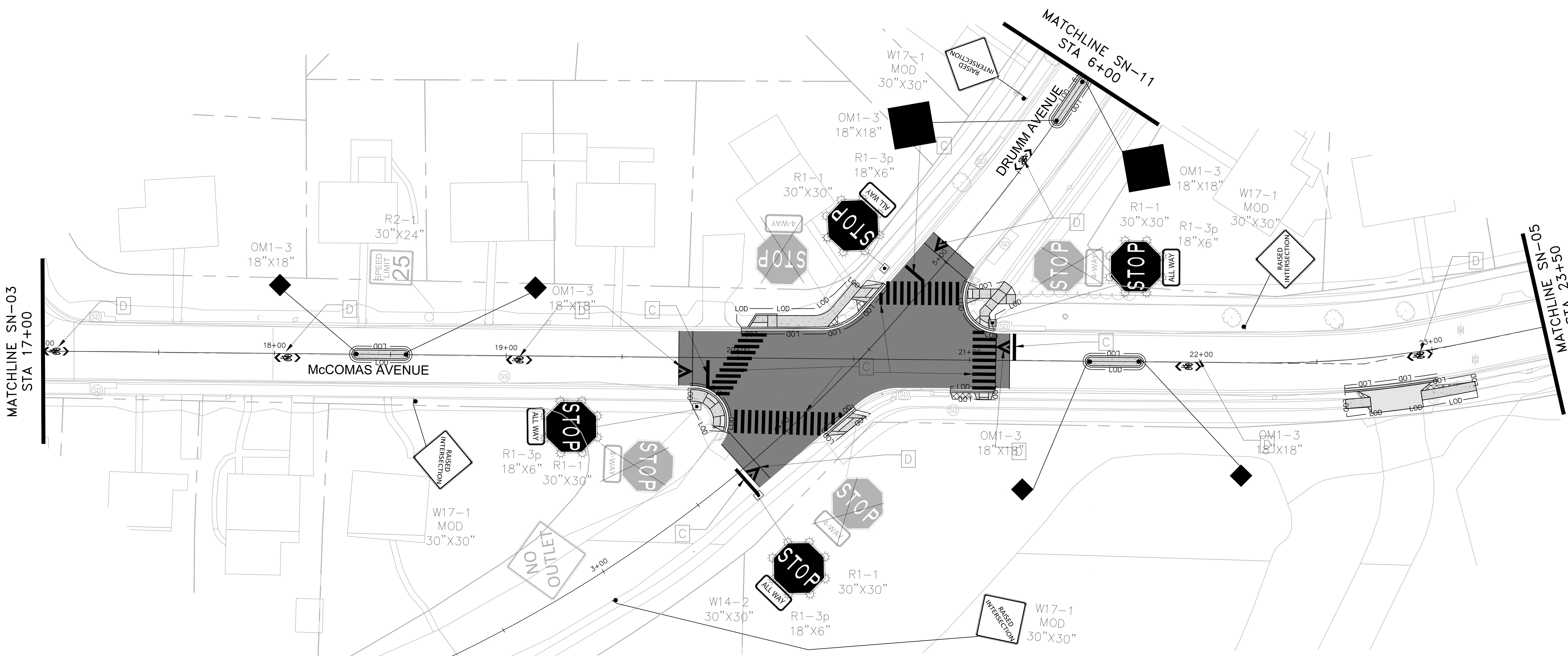
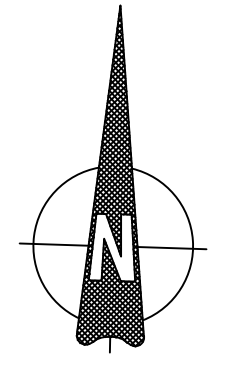
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**SN-03
SIGNING AND MARKING PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY**



DATE: APRIL 2024

SCALE: 1"=20' SHEET 33 of 54



SIGNING LEGEND:		PAVEMENT MARKING LEGEND:	
	EXISTING SIGN TO REMAIN	(A)	SOLID DOUBLE 5" LEAD FREE YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
	EXISTING SIGN TO BE REMOVED	(B)	SOLID SINGLE 5" LEAD FREE WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
	PROPOSED SIGN	(C)	SOLID SINGLE 16" LEAD FREE WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
	SOLAR POWERED PEDESTRIAN PUSH BUTTON SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)	(D)	WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS
	SOLAR POWERED SIGN SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)	(E)	GREEN THERMOPLASTIC MARKINGS

DRAFT
NOT FOR CONSTRUCTION



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

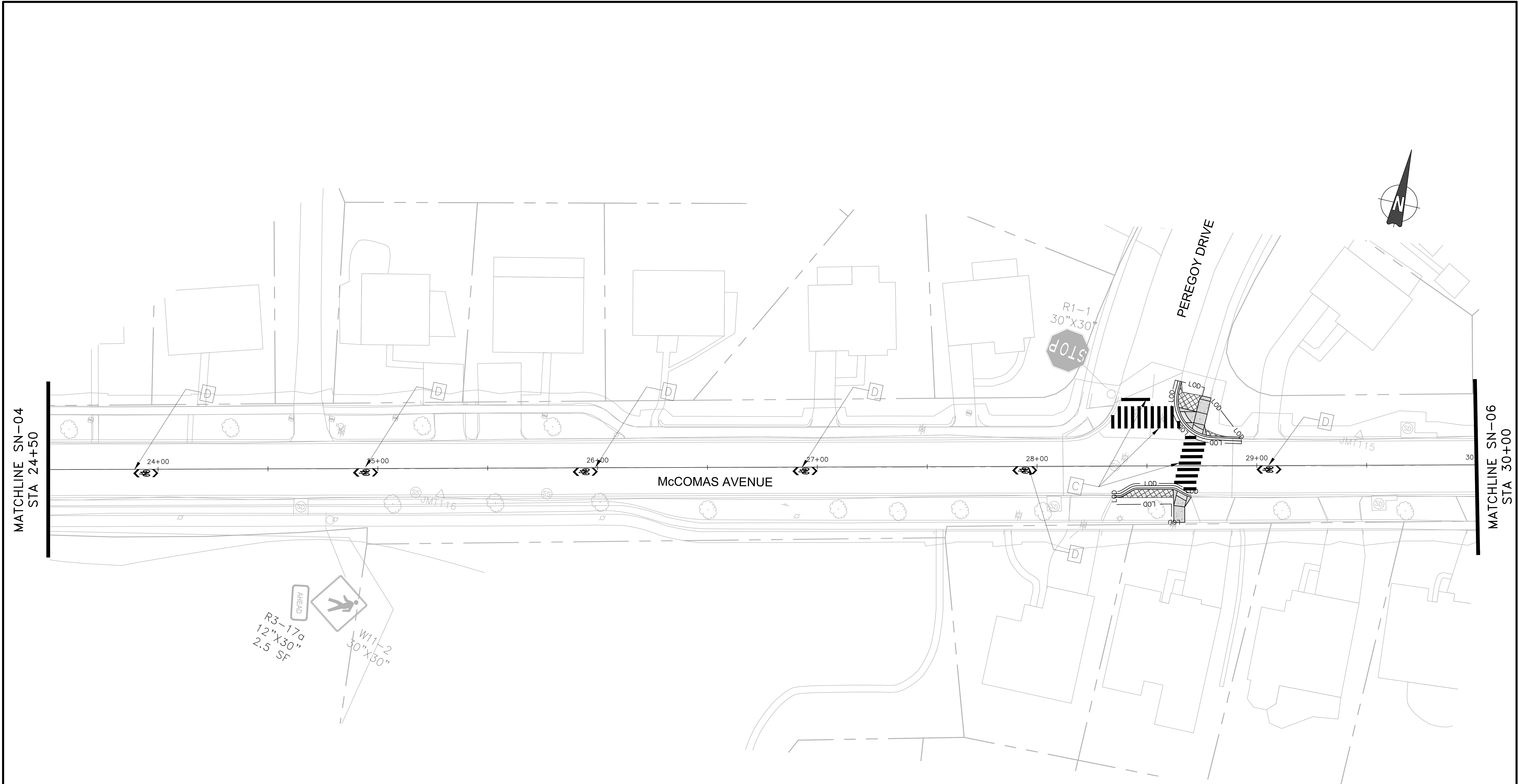
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SN-04
SIGNING AND MARKING PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 34 of 54



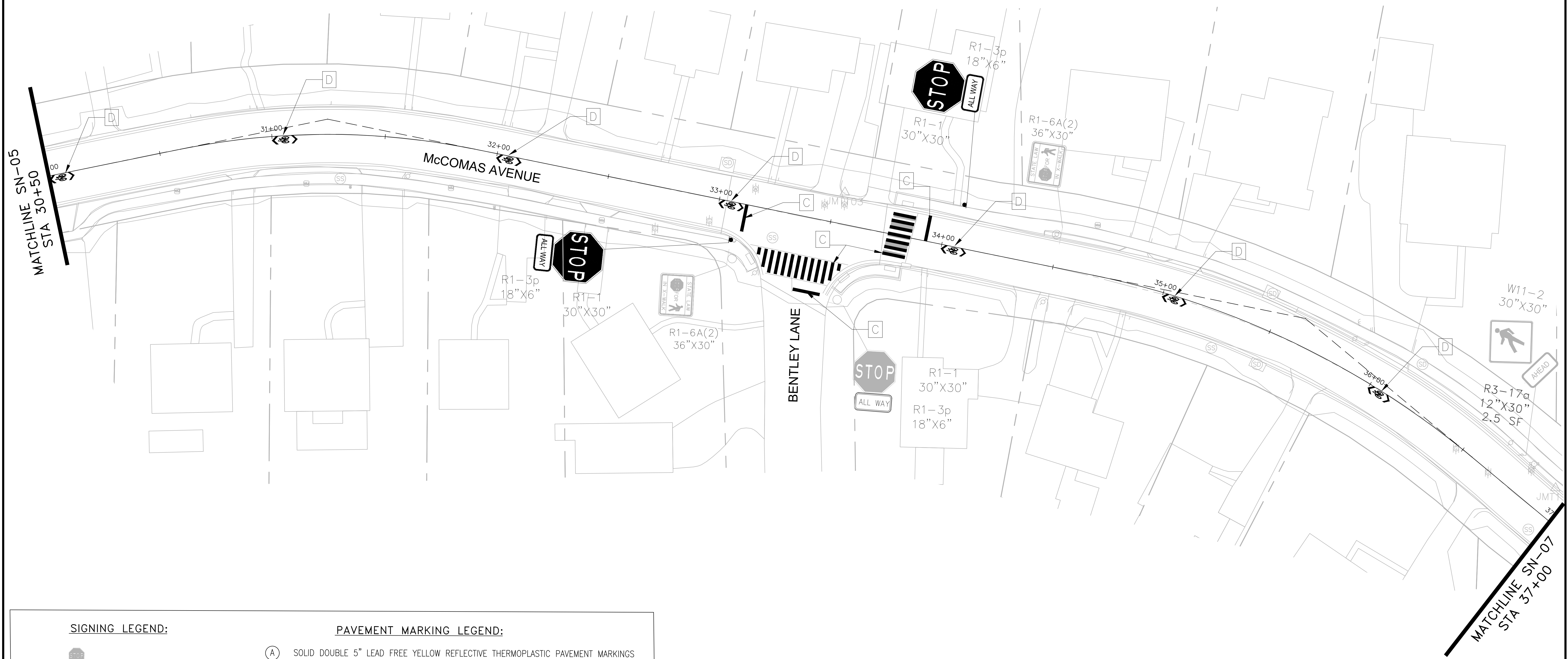
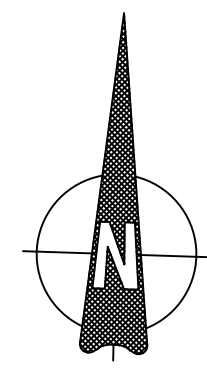
SIGNING LEGEND:

- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN
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PAVEMENT MARKING LEGEND:

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- (D) WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS
- (E) GREEN THERMOPLASTIC MARKINGS

<p>DRAFT NOT FOR CONSTRUCTION</p>	<p>MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND</p>	<p>SN-05 SIGNING AND MARKING PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY</p>																																												
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NO.	REVISION	DATE	BY																																											



SIGNING LEGEND:

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- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN
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NOT FOR CONSTRUCTION**



NO.	REVISION	DATE	BY

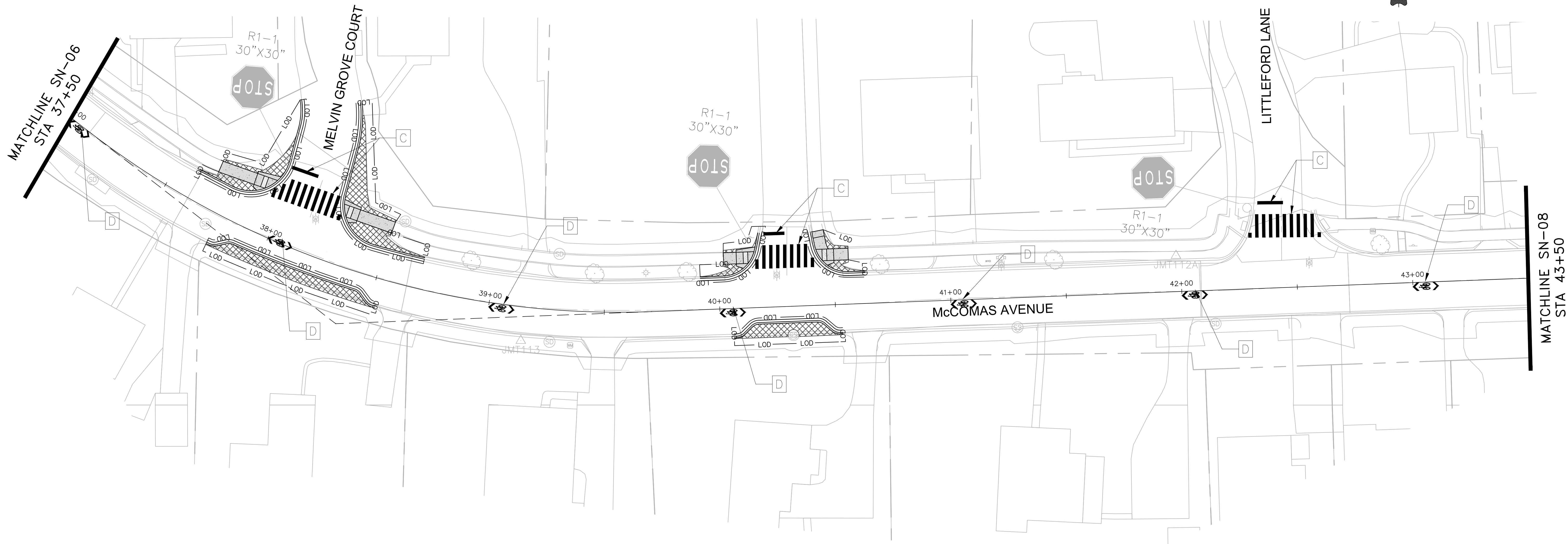
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND	
RECOMMENDED FOR APPROVAL	
Chief, Design Section	Date
APPROVED	
Chief, Division of Transportation Engineering	Date
Designed by: <u>MDS</u>	Drawn by: <u>TRS</u>
Checked by: <u>JJR</u>	

**SN-06
SIGNING AND MARKING PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY**






SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 36 of 54



SIGNING LEGEND:

-  EXISTING SIGN TO REMAIN
-  EXISTING SIGN TO BE REMOVED
-  PROPOSED SIGN
-  SOLAR POWERED PEDESTRIAN PUSH BUTTON SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)
-  SOLAR POWERED SIGN SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)

PAVEMENT MARKING LEGEND:

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- (E) GREEN THERMOPLASTIC MARKINGS

**DRAFT
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NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

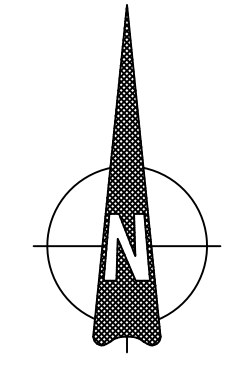
Designed by: MDS Drawn by: TRS Checked by: JJR

SN-07
SIGNING AND MARKING PLANS
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20'

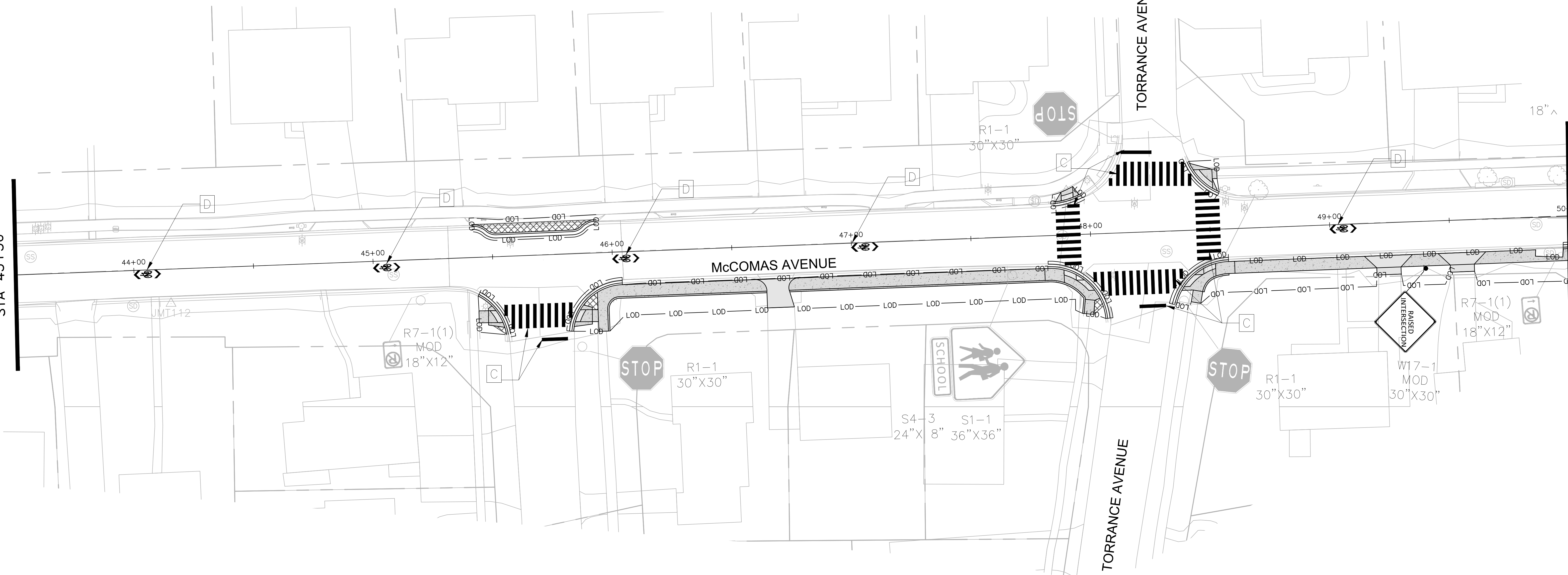
DATE: APRIL 2024

CIP No. : 502002 SHEET 37 of 54



MATCHLINE SN-07
STA 43+50

MATCHLINE SN-09
STA 50+00



SIGNING LEGEND:

- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN
- SOLAR POWERED PEDESTRIAN PUSH BUTTON SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)
- SOLAR POWERED SIGN SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)

PAVEMENT MARKING LEGEND:

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- (E) GREEN THERMOPLASTIC MARKINGS

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NOT FOR CONSTRUCTION



MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

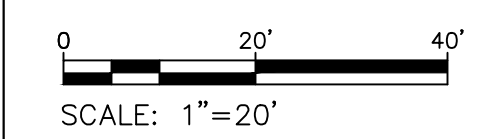
Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Transportation Engineering _____ Date _____

Designed by: MDS Drawn by: TRS Checked by: JJR

SN-08
SIGNING AND MARKING PLANS
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

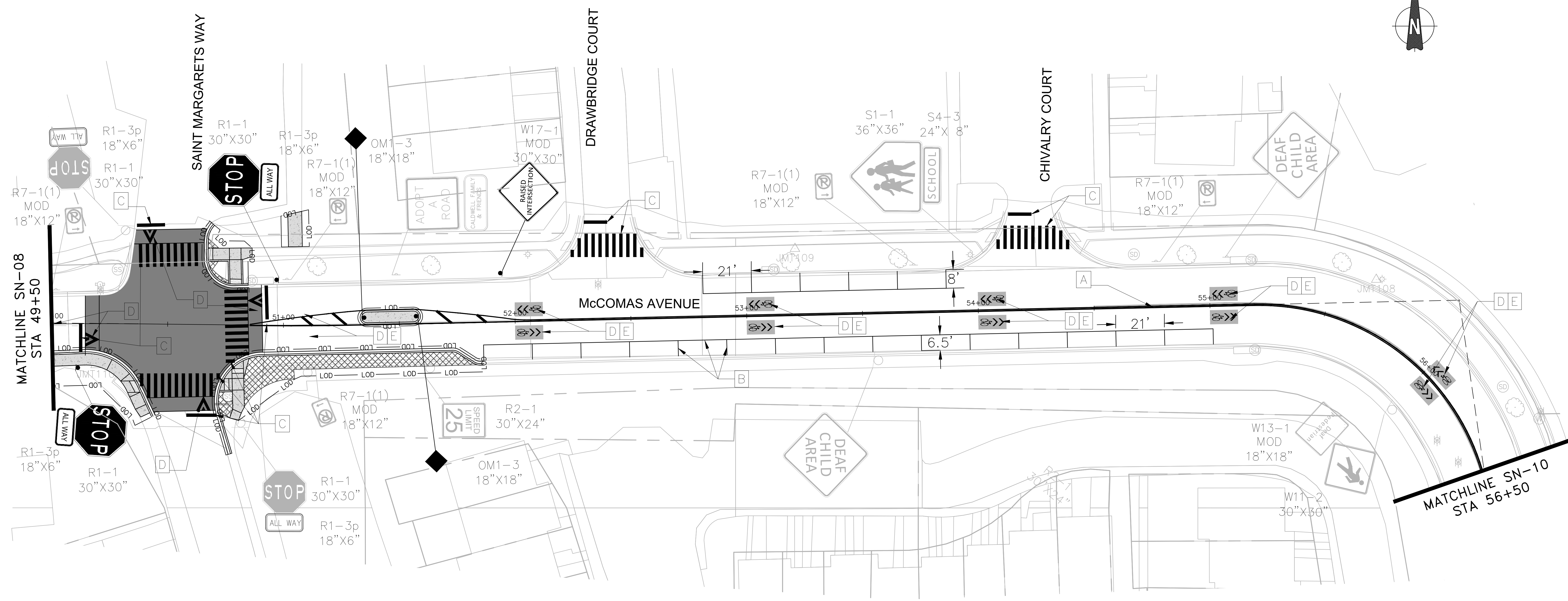
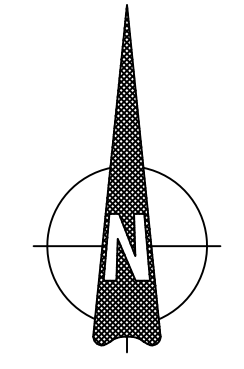


SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 38 of 54

NO.	REVISION	DATE	BY



MATCHLINE SN-08
STA 49+50




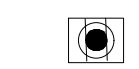
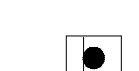
MATCHLINE SN-10
STA 56+50

SIGNING LEGEND:		PAVEMENT MARKING LEGEND:	
	EXISTING SIGN TO REMAIN	(A)	SOLID DOUBLE 5" LEAD FREE YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
	EXISTING SIGN TO BE REMOVED	(B)	SOLID SINGLE 5" LEAD FREE WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
	PROPOSED SIGN	(C)	SOLID SINGLE 16" LEAD FREE WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
	SOLAR POWERED PEDESTRIAN PUSH BUTTON SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)	(D)	WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS
	SOLAR POWERED SIGN SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)	(E)	GREEN THERMOPLASTIC MARKINGS

DRAFT NOT FOR CONSTRUCTION 	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND		SN-09 SIGNING AND MARKING PLANS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY
	RECOMMENDED FOR APPROVAL Chief, Design Section _____ Date _____ APPROVED Chief, Division of Transportation Engineering _____ Date _____		SCALE: 1"=20' DATE: APRIL 2024
NO. _____ REVISION _____ DATE _____ BY _____	Designed by: <u>MDS</u> Drawn by: <u>TRS</u> Checked by: <u>JJR</u>		CIP No. : 502002 SHEET 39 of 54

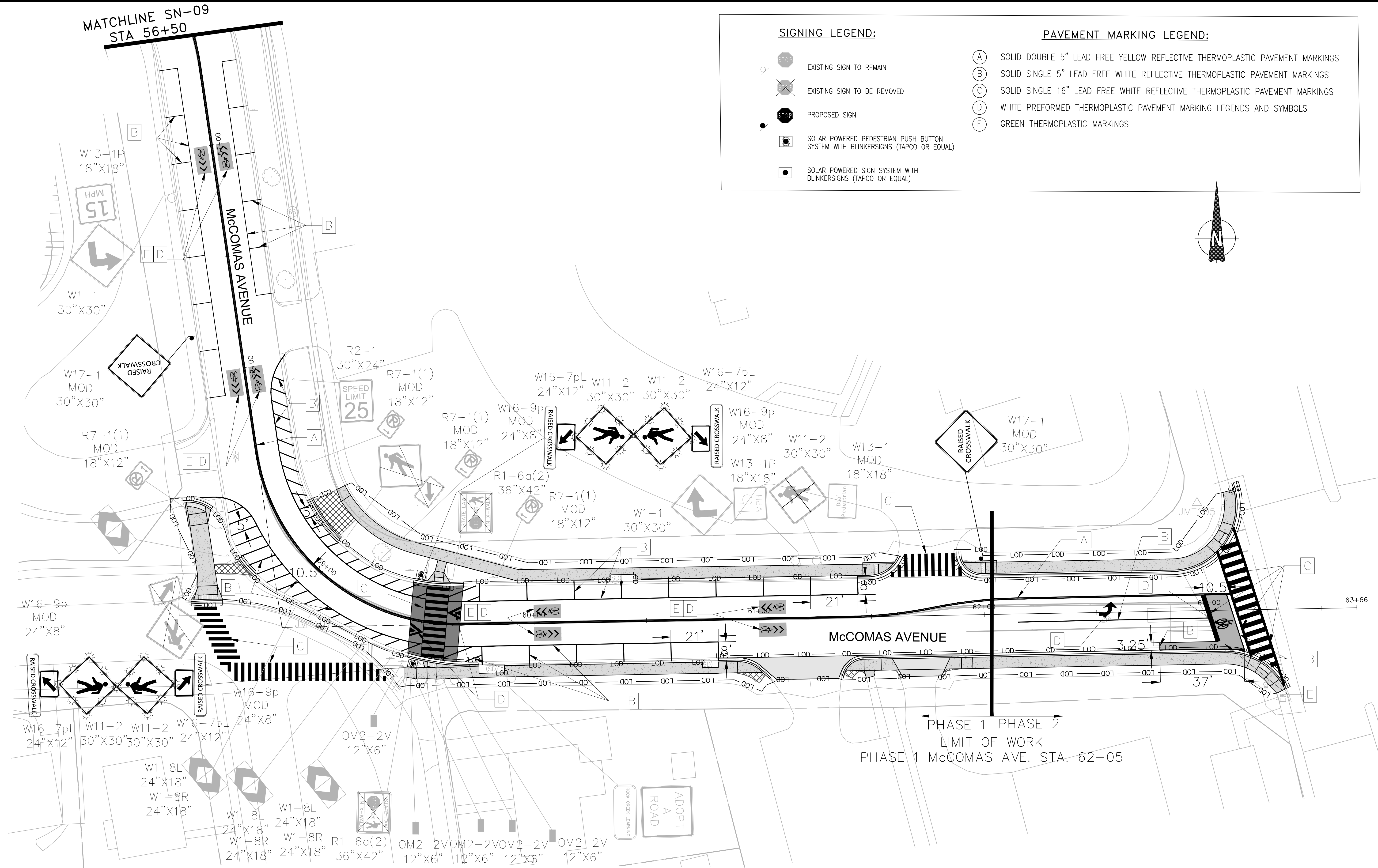
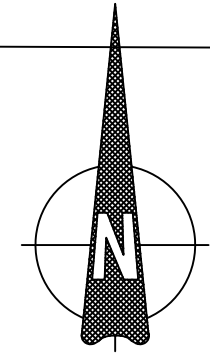
MATCHLINE SN-09
STA 56+50

SIGNING LEGEND:

-  EXISTING SIGN TO REMAIN
-  EXISTING SIGN TO BE REMOVED
-  PROPOSED SIGN
-  SOLAR POWERED PEDESTRIAN PUSH BUTTON SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)
-  SOLAR POWERED SIGN SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)

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
- (D) WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS
- (E) GREEN THERMOPLASTIC MARKINGS



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MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

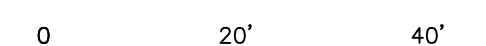
Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Transportation Engineering _____ Date _____

Designed by: MDS Drawn by: TRS Checked by: JJR

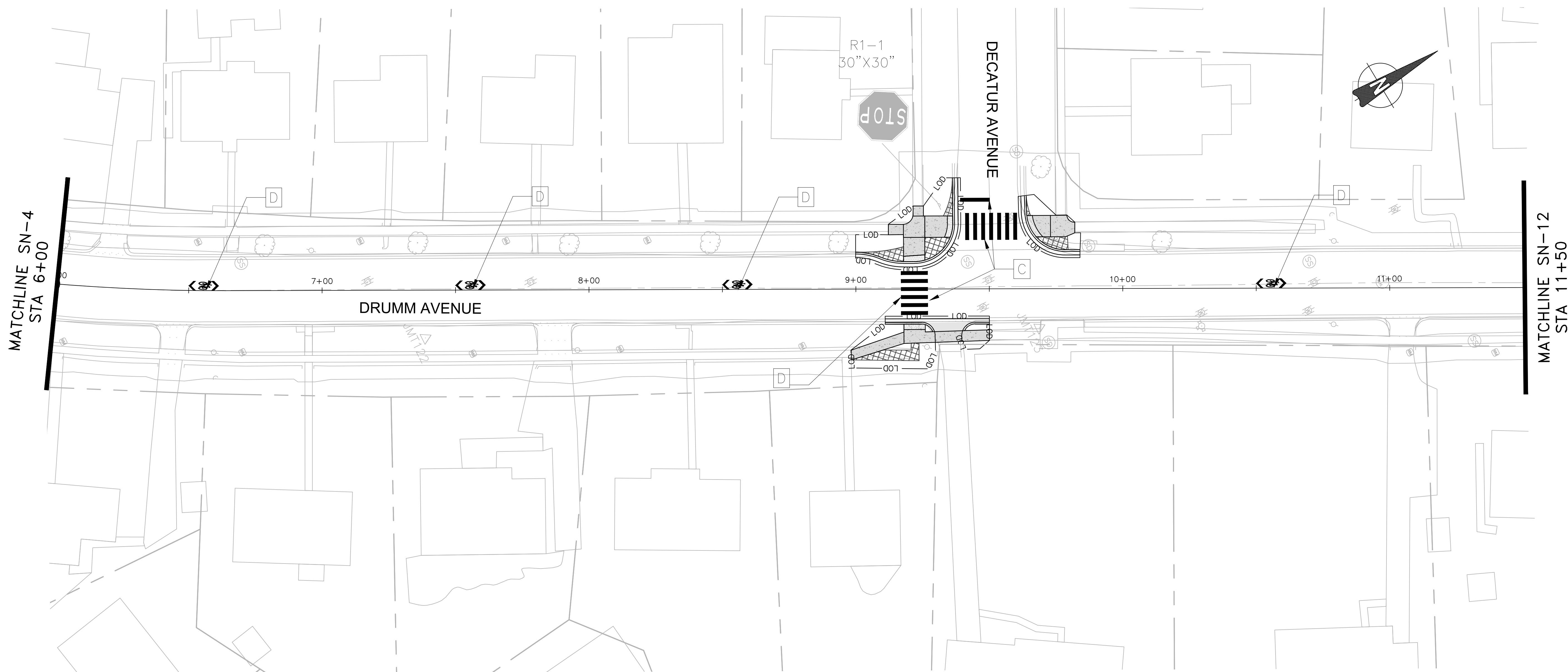
SN-10
SIGNING AND MARKING PLANS
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY



SCALE: 1"=20' DATE: APRIL 2024

CIP No. : 502002 SHEET 40 of 54

NO.	REVISION	DATE	BY



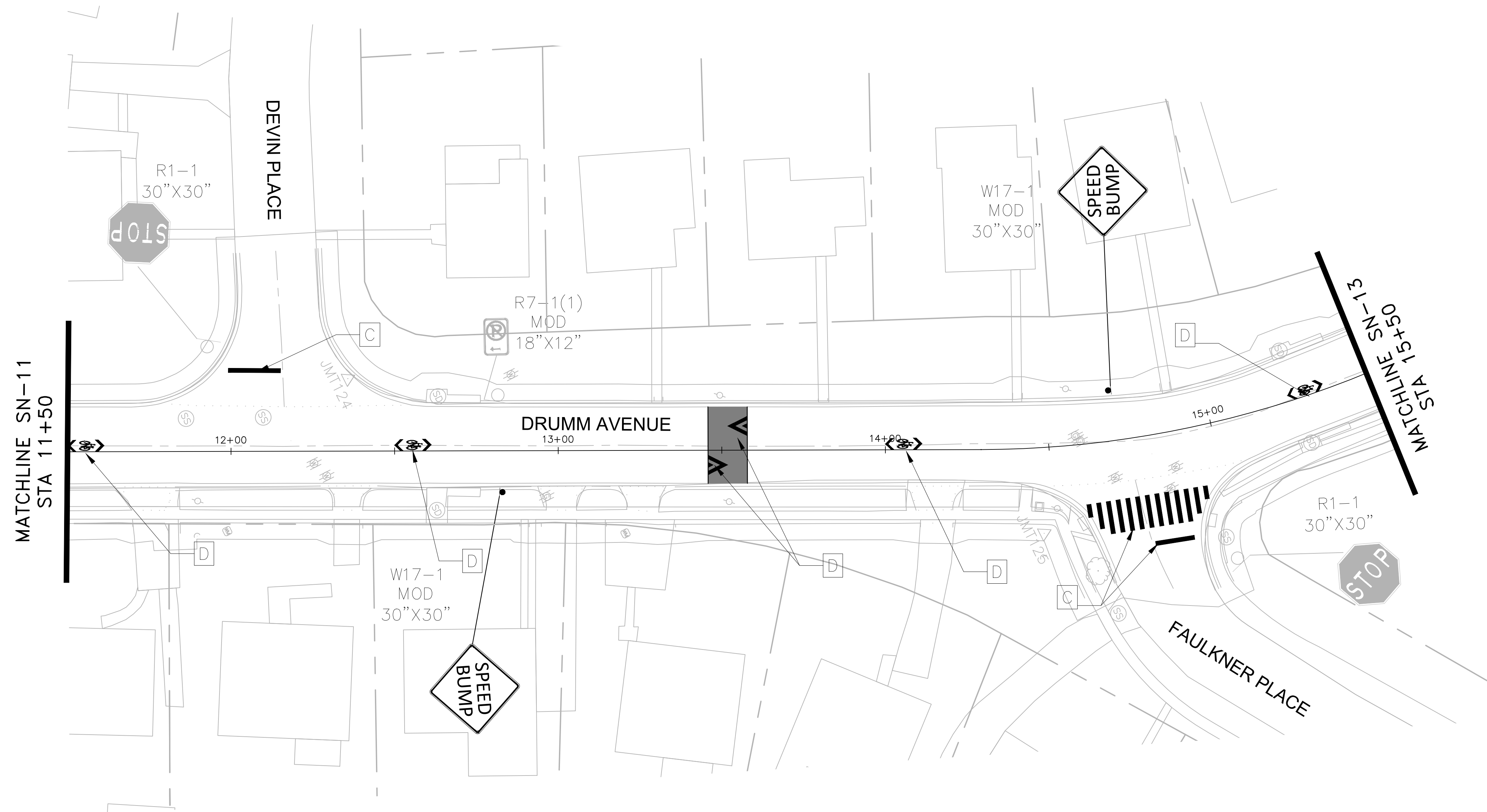
SIGNING LEGEND:

- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN
- SOLAR POWERED PEDESTRIAN PUSH BUTTON SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)
- SOLAR POWERED SIGN SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)

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
- (D) WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS
- (E) GREEN THERMOPLASTIC MARKINGS

<p>DRAFT NOT FOR CONSTRUCTION</p>		<p>MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND</p>	<p>SN-11 SIGNING AND MARKING PLANS MCCOMAS AVENUE NEIGHBORHOOD GREENWAY</p>
		<p>RECOMMENDED FOR APPROVAL</p>	<p>SCALE: 1"=20' DATE: APRIL 2024</p>
		<p>Chief, Design Section _____ Date _____</p> <p>APPROVED</p> <p>Chief, Division of Transportation Engineering _____ Date _____</p>	<p>0 20' 40'</p>
		<p>Designed by: <u>MDS</u> Drawn by: <u>TRS</u> Checked by: <u>JJR</u></p>	<p>CIP No. : 502002 SHEET 41 of 54</p>
NO.	REVISION	DATE	BY



SIGNING LEGEND:

- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN
- SOLAR POWERED PEDESTRIAN PUSH BUTTON SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)
- SOLAR POWERED SIGN SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)

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
- (D) WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS
- (E) GREEN THERMOPLASTIC MARKINGS

**DRAFT
NOT FOR CONSTRUCTION**



NO.	REVISION	DATE	BY

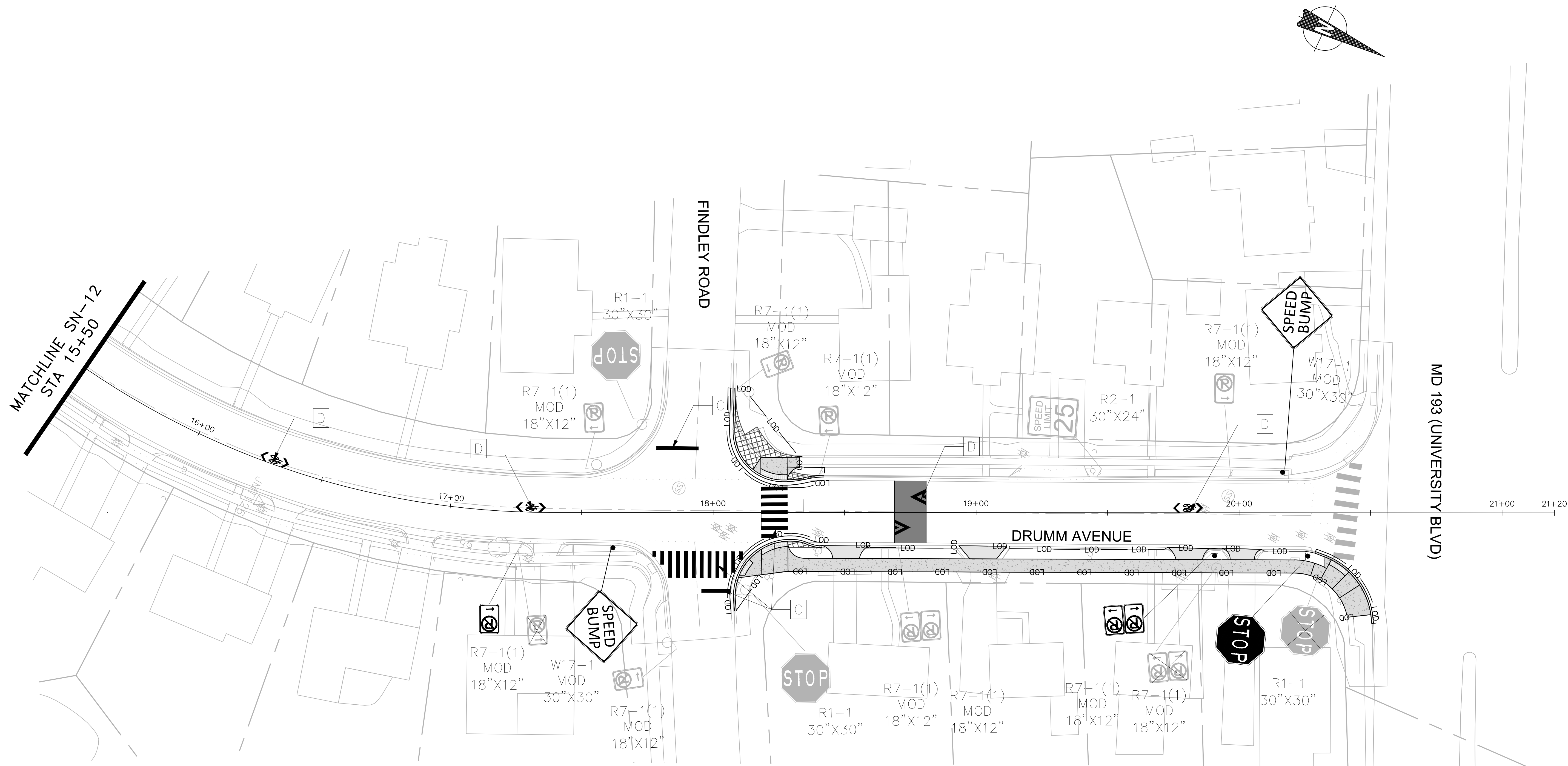
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND	
RECOMMENDED FOR APPROVAL	
Chief, Design Section	Date
APPROVED	
Chief, Division of Transportation Engineering	Date
Designed by: <u>MDS</u>	Drawn by: <u>TRS</u> Checked by: <u>JJR</u>

**SN-12
SIGNING AND MARKING PLANS
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY**

SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 42 of 54



SIGNING LEGEND:

- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN
- SOLAR POWERED PEDESTRIAN PUSH BUTTON SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)
- SOLAR POWERED SIGN SYSTEM WITH BLINKERSIGNS (TAPCO OR EQUAL)

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
- (D) WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS
- (E) GREEN THERMOPLASTIC MARKINGS

**DRAFT
NOT FOR CONSTRUCTION**



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

Designed by: MDS Drawn by: TRS Checked by: JJR

**SN-13
SIGNING AND MARKING PLANS
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY**

SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 43 of 54

SHEET	REMARKS	LINEAR FEET
SN-01	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	70
	LEGEND AND SYMBOLS	74
	GREEN THERMOPLASTIC	0
SN-02	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	0
	LEGEND AND SYMBOLS	63
	GREEN THERMOPLASTIC	0
SN-03	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	185
	LEGEND AND SYMBOLS	93
	GREEN THERMOPLASTIC	0
SN-04	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	500
	LEGEND AND SYMBOLS	130
	GREEN THERMOPLASTIC	0
SN-05	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	185
	LEGEND AND SYMBOLS	53
	GREEN THERMOPLASTIC	0
SN-06	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	195
	LEGEND AND SYMBOLS	63
	GREEN THERMOPLASTIC	0
SN-07	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	284
	LEGEND AND SYMBOLS	63
	GREEN THERMOPLASTIC	0
SN-08	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	510
	LEGEND AND SYMBOLS	45
	GREEN THERMOPLASTIC	0
SN-09	5 INCH WHITE THERMOPLASTIC	706.5
	5 INCH YELLOW THERMOPLASTIC	1200
	16 INCH WHITE THERMOPLASTIC	565
	LEGEND AND SYMBOLS	175
	GREEN THERMOPLASTIC	630
SN-10	5 INCH WHITE THERMOPLASTIC	1787
	5 INCH YELLOW THERMOPLASTIC	1594
	16 INCH WHITE THERMOPLASTIC	690
	LEGEND AND SYMBOLS	400
	GREEN THERMOPLASTIC	504
SN-11	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	130
	LEGEND AND SYMBOLS	36
	GREEN THERMOPLASTIC	0
SN-12	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	110
	LEGEND AND SYMBOLS	55
	GREEN THERMOPLASTIC	0
SN-13	5 INCH WHITE THERMOPLASTIC	0
	5 INCH YELLOW THERMOPLASTIC	0
	16 INCH WHITE THERMOPLASTIC	180
	LEGEND AND SYMBOLS	46
	GREEN THERMOPLASTIC	0
TOTALS	5 INCH WHITE THERMOPLASTIC	2493.5
	5 INCH YELLOW THERMOPLASTIC	2794
	16 INCH WHITE THERMOPLASTIC	3453
	LEGEND AND SYMBOLS	1099
	GREEN THERMOPLASTIC	1170

SHEET	REMARKS	SUPPORTS	SHEET ALUMINUM SIGN (SF)	
SN-01	W17-2 (30"x30")	SINGLE SQUARE TUBULAR	6.25	
	R1-1 (30"x30")	SINGLE SQUARE TUBULAR	6.25	
	D-3 (24"x8")X4		5.33	
	R1-6a(2) (30"x24")	SINGLE SQUARE TUBULAR	5	
	R1-6a(2) (30"x24")	SINGLE SQUARE TUBULAR	5	
	W17-2 (30"x30")	SINGLE SQUARE TUBULAR	6.25	
SN-03	R1-3p (16"x6")	SINGLE SQUARE TUBULAR	.66	
	R1-3p (16"x6")	SINGLE SQUARE TUBULAR	.66	
	R1-3p (16"x6")	SINGLE SQUARE TUBULAR	.66	
	W17-1 MOD (30"x30")	SINGLE SQUARE TUBULAR	6.25	
	W17-1 MOD (30"x30")	SINGLE SQUARE TUBULAR	6.25	
	OM1-3 (18"x18")	SINGLE SQUARE TUBULAR	2.25	
	W17-1 MOD (30"x30")	SINGLE SQUARE TUBULAR	6.25	
	OM1-3 (18"x18")	SINGLE SQUARE TUBULAR	2.25	
	SN-04	W17-1 MOD (30"x30")	SINGLE SQUARE TUBULAR	6.25
		R1-3p (16"x6")	SINGLE SQUARE TUBULAR	.66
W17-1 MOD (30"x30")		SINGLE SQUARE TUBULAR	6.25	
R1-3p (16"x6")		SINGLE SQUARE TUBULAR	.66	
W17-1 MOD (30"x30")		SINGLE SQUARE TUBULAR	6.25	
R1-3p (16"x6")		SINGLE SQUARE TUBULAR	.66	
W17-1 MOD (30"x30")		SINGLE SQUARE TUBULAR	6.25	
R1-3p (16"x6")		SINGLE SQUARE TUBULAR	.66	
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	
SN-06	R1-1 (30"x30")	SINGLE SQUARE TUBULAR	6.25	
	R1-3p (16"x6")		.66	
	R1-1 (30"x30")	SINGLE SQUARE TUBULAR	6.25	
	R1-3p (16"x6")		.66	
	R1-3p (16"x6")	SINGLE SQUARE TUBULAR	.66	
SN-09	R1-1 (30"x30")	SINGLE SQUARE TUBULAR	6.25	
	R1-3p (16"x6")		.66	
	R1-1 (30"x30")	SINGLE SQUARE TUBULAR	6.25	
	R1-3p (16"x6")		.66	
	R1-3p (16"x6")	SINGLE SQUARE TUBULAR	.66	
	R1-3p (16"x6")	SINGLE SQUARE TUBULAR	.66	
SN-10	W17-1 MOD (30"x30")	SINGLE SQUARE TUBULAR	6.25	
	W16-7pL (24"x12")	SINGLE SQUARE TUBULAR	2	
	W16-9p MOD (24"x8")		1.33	
	W16-7pL (24"x12")	SINGLE SQUARE TUBULAR	2	
	W16-9p MOD (24"x8")		1.33	
	W16-9p MOD (24"x8")	SINGLE SQUARE TUBULAR	1.33	
	W16-7pL (24"x12")	SINGLE SQUARE TUBULAR	2	
	W16-9p MOD (24"x8")		1.33	
	W16-9p MOD (24"x8")	SINGLE SQUARE TUBULAR	1.33	
	W17-1 MOD (30"x30")	SINGLE SQUARE TUBULAR	6.25	

SHEET	REMARKS	SUPPORTS	SHEET ALUMINUM SIGN (SF)
SN-12	W17-1 MOD (30"x30")	SINGLE SQUARE TUBULAR	6.25
	W17-1 MOD (30"x30")	SINGLE SQUARE TUBULAR	6.25
SN-13	W17-1 MOD (30"x30")	SINGLE SQUARE TUBULAR	6.25
	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")		1.5
	R1-1(30"x30")	SINGLE SQUARE TUBULAR	6.25
W17-1 MOD (30"x30")	SINGLE SQUARE TUBULAR	6.25	
TOTAL			262.50

DRAFT
NOT FOR CONSTRUCTION



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

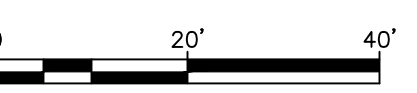
RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

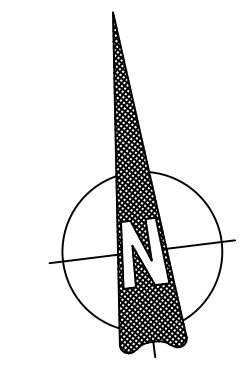
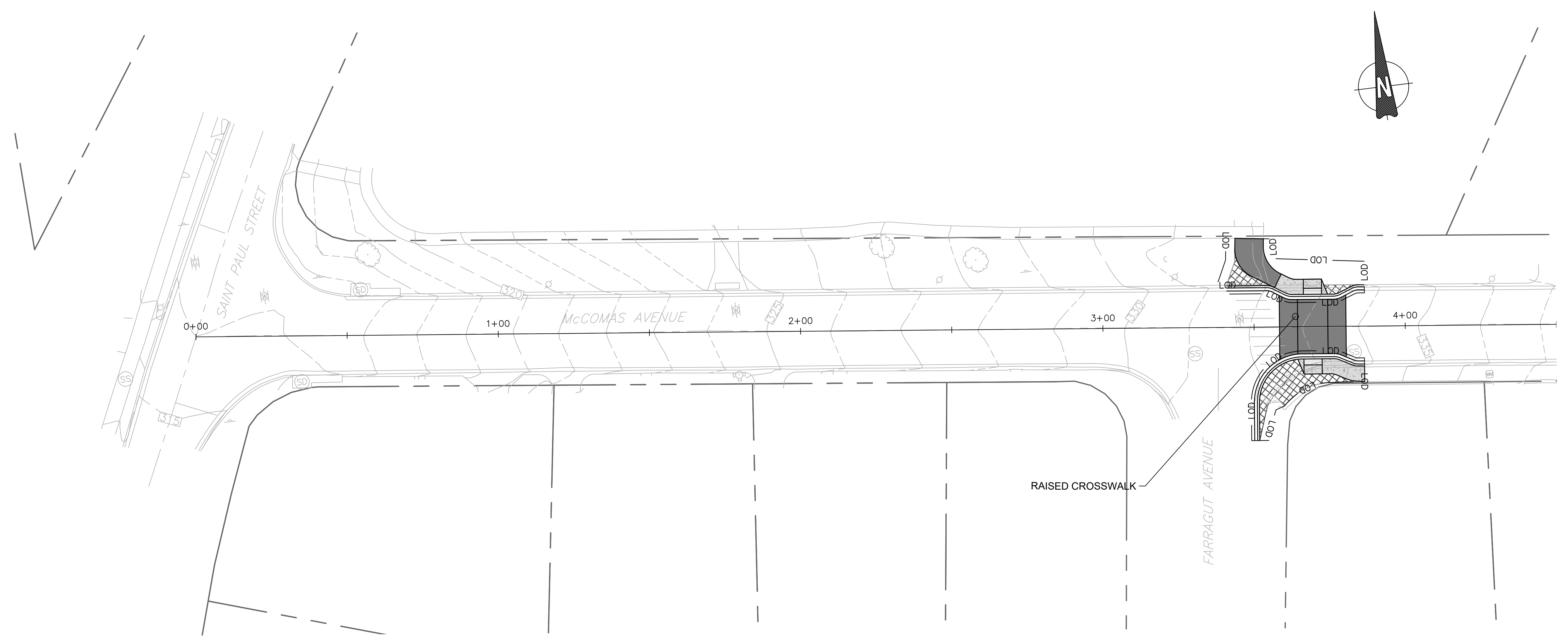
Designed by: MDS Drawn by: TRS Checked by: JJR

SN-14
SIGNING AND MARKING PLANS QTY
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY



SCALE: 1"=20' DATE: APRIL 2024

CIP No. : 502002 SHEET 44 of 54

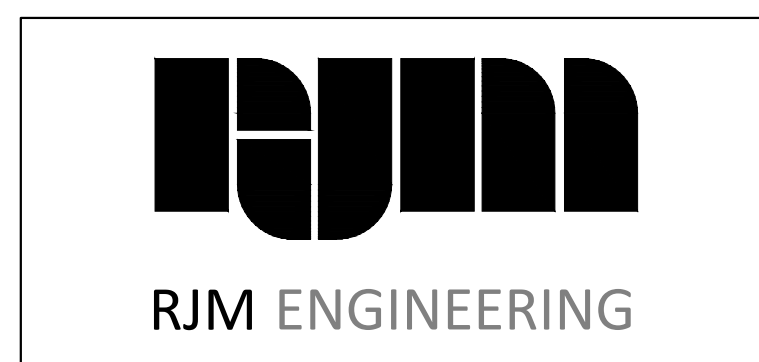


GENERAL NOTES:

1. 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.

LEGEND

- LIMIT OF DISTURBANCE ——— LOD ———
- DRIVEWAY [Symbol]
- ASPHALT [Symbol]
- SIDEWALK [Symbol]
- PAVEMENT REMOVAL [Symbol]
- DETECTABLE WARNING SURFACE [Symbol]
- RIGHT OF WAY [Symbol]



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

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

SC-01
EROSION & SEDIMENT CONTROL PLAN

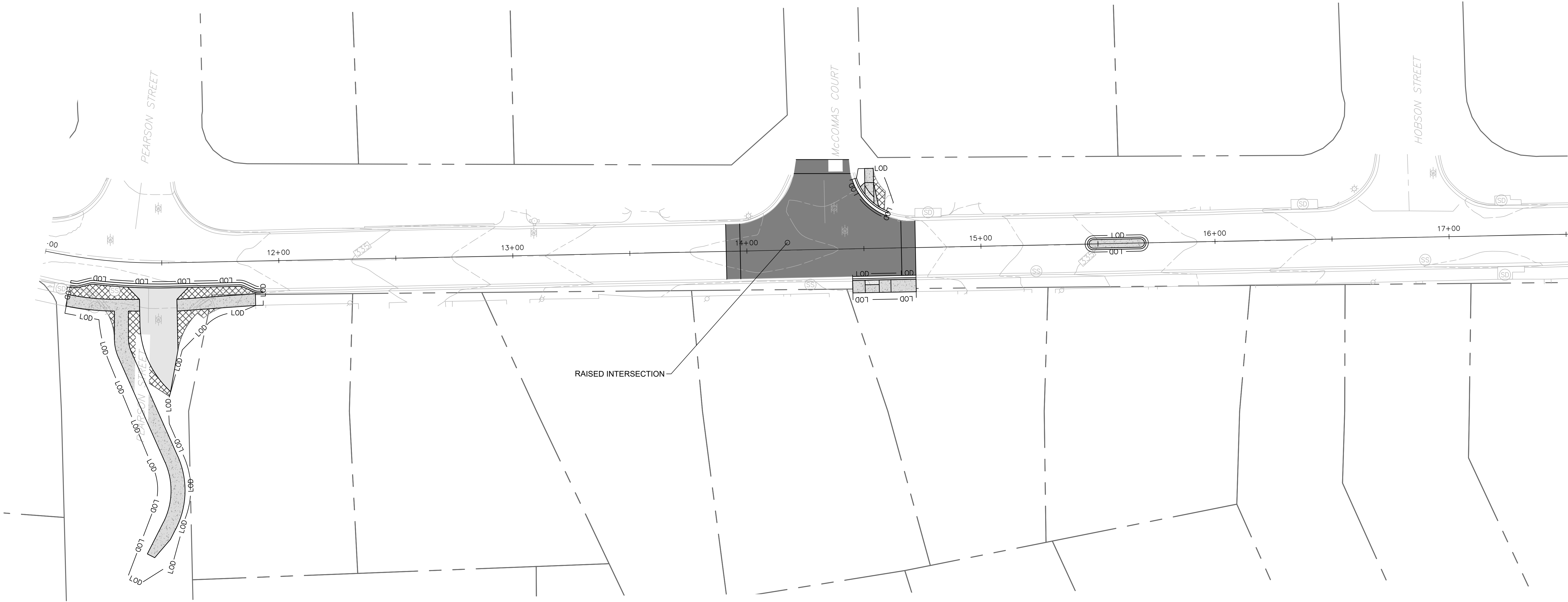
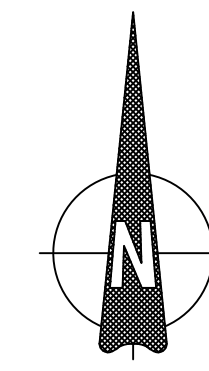
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

APRIL

SCALE: 1"=20'

DATE: APRIL 2024

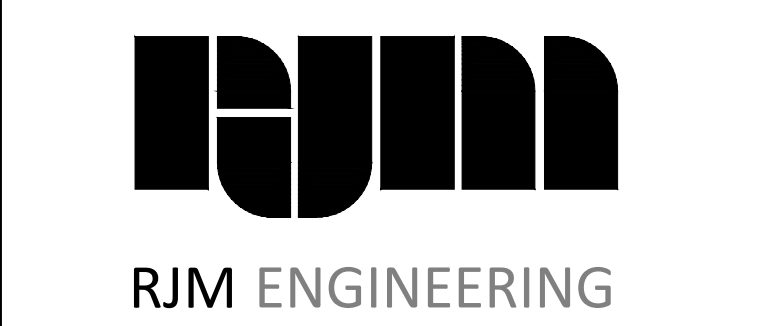
CIP No. : 502002 SHEET 45 of 54



- GENERAL NOTES:**
1. 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.
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LEGEND

LIMIT OF DISTURBANCE	— LOD —
DRIVEWAY	
ASPHALT	
SIDEWALK	
PAVEMENT REMOVAL	
DETECTABLE WARNING SURFACE	
RIGHT OF WAY	- - - - -



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Transportation Engineering _____ Date _____

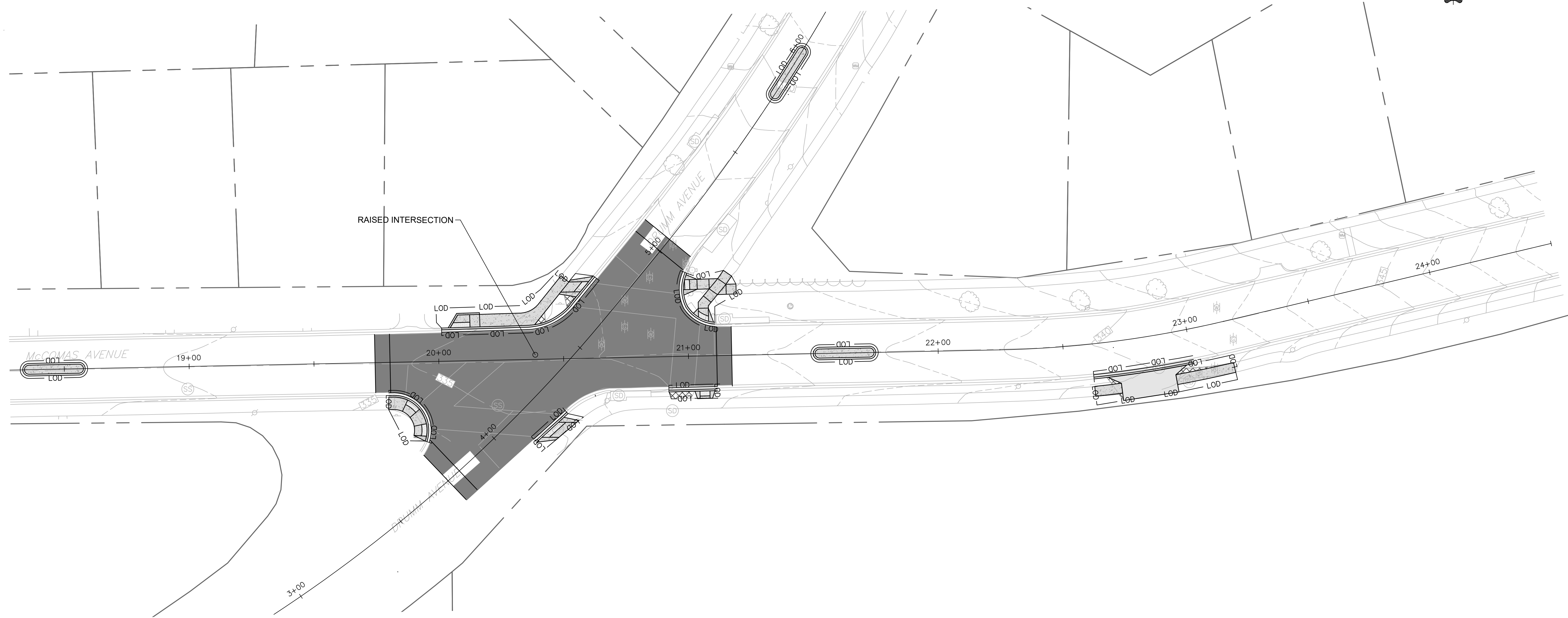
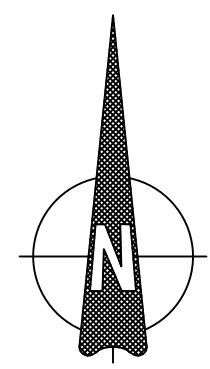
Designed by: MW Drawn by: MW Checked by: KJS

SC-02
EROSION & SEDIMENT CONTROL PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

DATE: APRIL 2024

SCALE: 1"=20'

CIP No. : 502002 SHEET 46 of 54

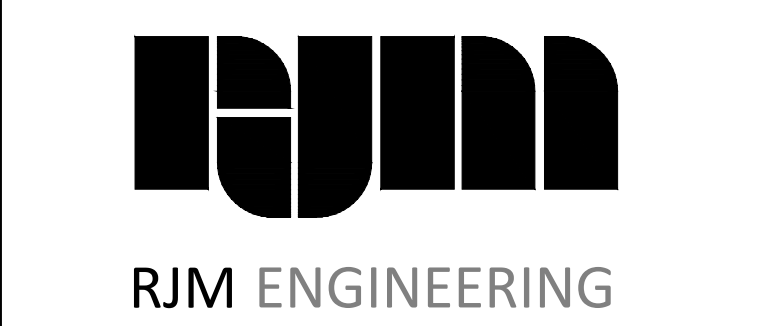


GENERAL NOTES:

1. 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.
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LEGEND

- LIMIT OF DISTURBANCE — LOD
- DRIVEWAY
- ASPHALT
- SIDEWALK
- PAVEMENT REMOVAL
- DETECTABLE WARNING SURFACE
- RIGHT OF WAY



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Transportation Engineering _____ Date _____

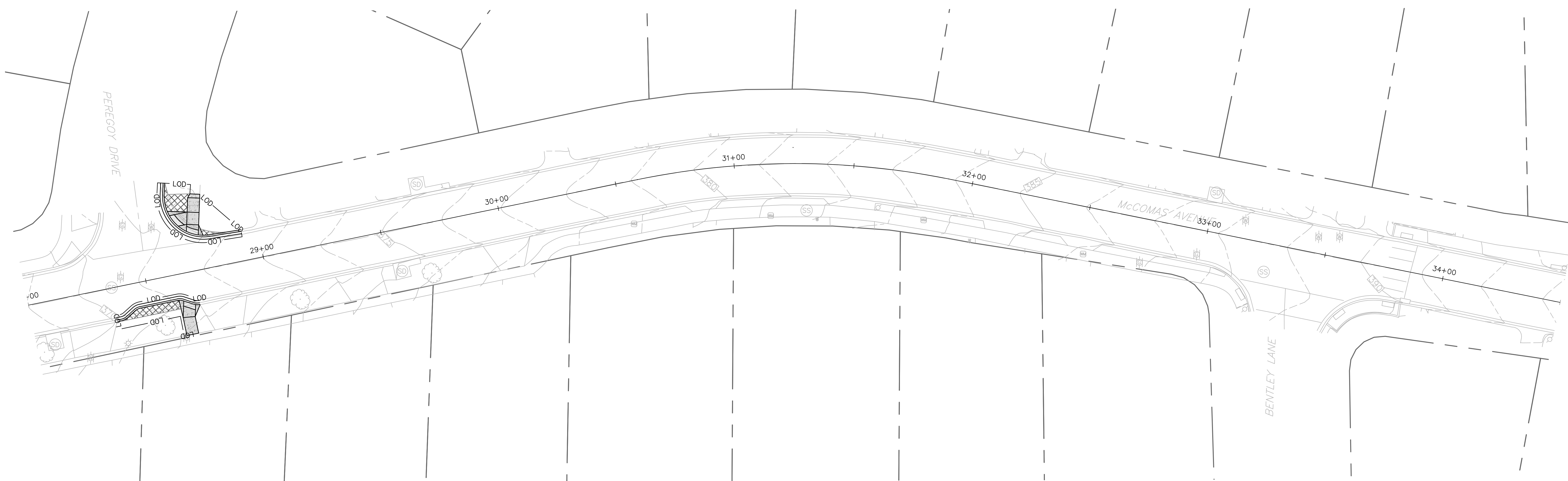
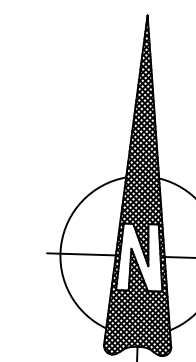
Designed by: MW Drawn by: MW Checked by: KJS

SC-03
EROSION & SEDIMENT CONTROL PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 47 of 54

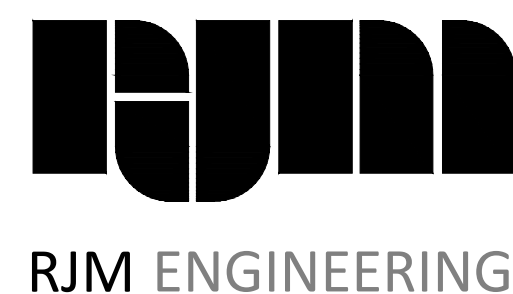


GENERAL NOTES:

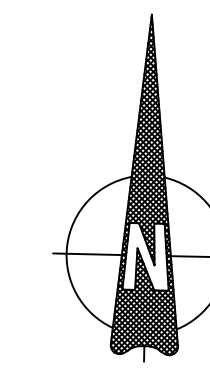
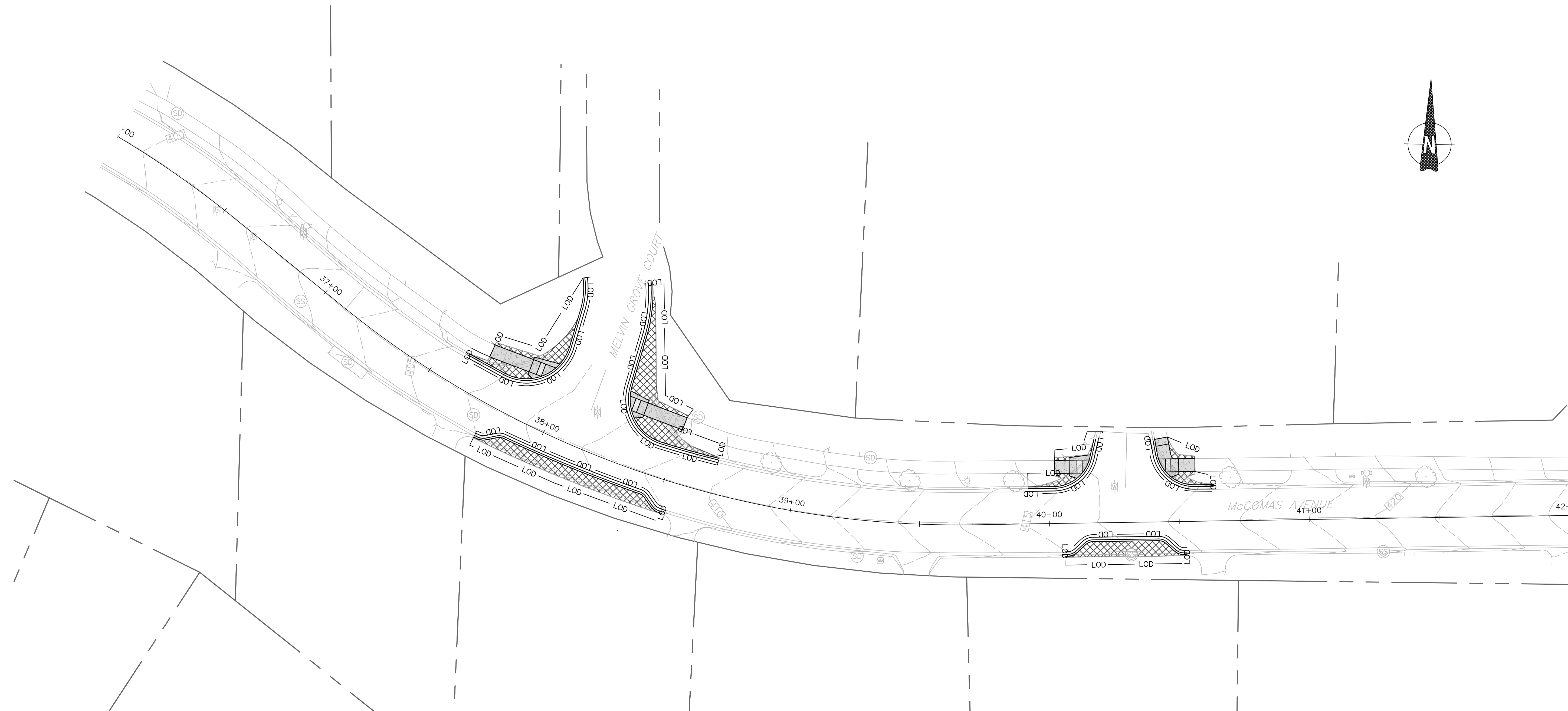
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LEGEND

- LIMIT OF DISTURBANCE ——— LOD ———
- DRIVEWAY
- ASPHALT
- SIDEWALK
- PAVEMENT REMOVAL
- DETECTABLE WARNING SURFACE
- RIGHT OF WAY - - - - -



	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND	SC-04 EROSION & SEDIMENT CONTROL PLAN MCCOMAS AVENUE NEIGHBORHOOD GREENWAY																																				
	RECOMMENDED FOR APPROVAL _____ Date _____ Chief, Design Section APPROVED	 SCALE: 1"=20' DATE: APRIL 2024																																				
	_____ Date _____ Chief, Division of Transportation Engineering	CIP No. : 502002 SHEET 48 of 54																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">NO.</th> <th style="width: 45%;">REVISION</th> <th style="width: 15%;">DATE</th> <th style="width: 35%;">BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	REVISION	DATE	BY																																	Designed by: MW Drawn by: MW Checked by: KJS	
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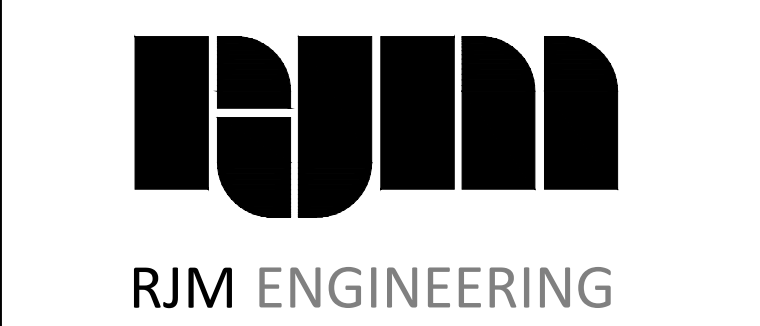


GENERAL NOTES:

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LEGEND

- LIMIT OF DISTURBANCE ——— LOD ———
- DRIVEWAY
- ASPHALT
- SIDEWALK
- PAVEMENT REMOVAL
- DETECTABLE WARNING SURFACE
- RIGHT OF WAY - - - - -



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Transportation Engineering _____ Date _____

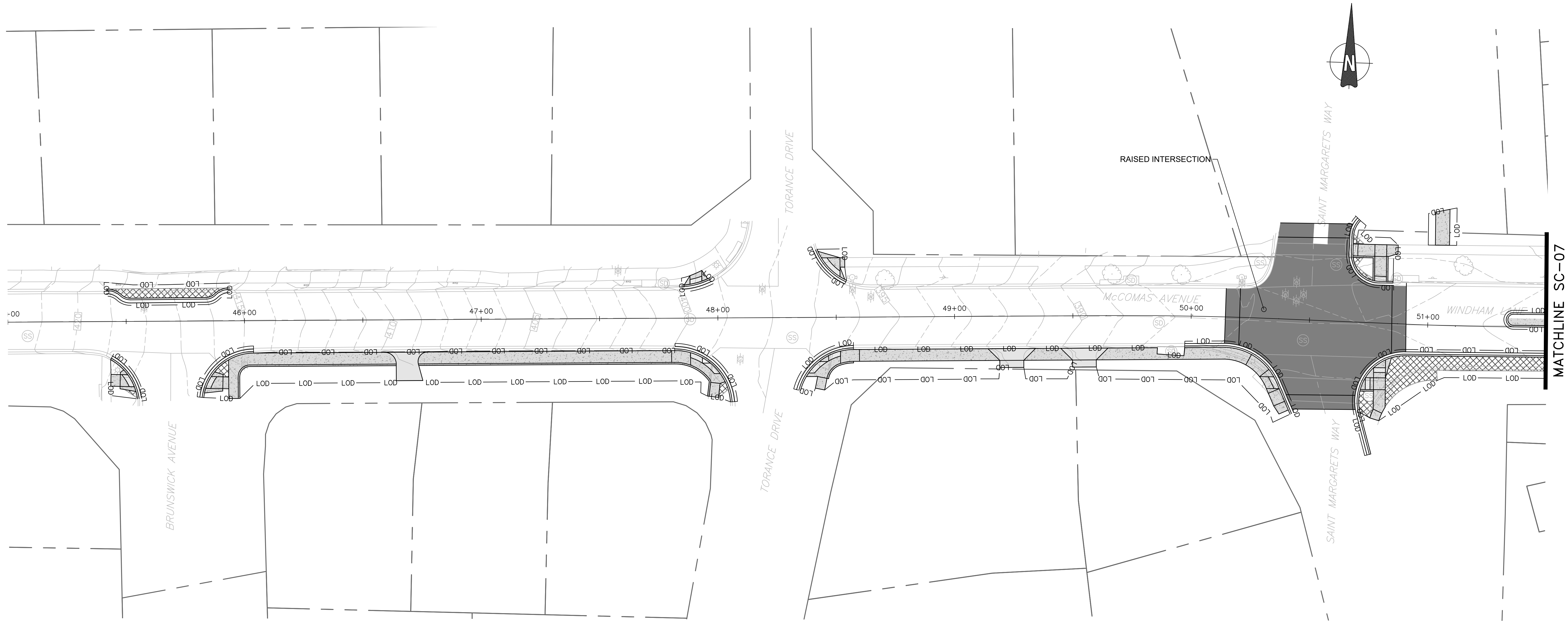
Designed by: MW Drawn by: MW Checked by: KJS

SC-05
EROSION & SEDIMENT CONTROL PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 49 of 54

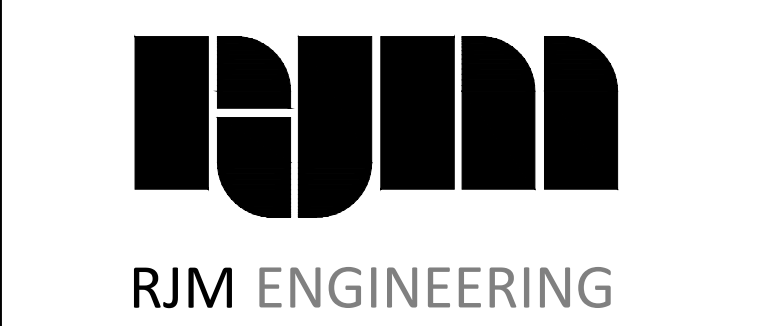


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LEGEND

- LIMIT OF DISTURBANCE — LOD
- DRIVEWAY
- ASPHALT
- SIDEWALK
- PAVEMENT REMOVAL
- DETECTABLE WARNING SURFACE
- RIGHT OF WAY



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Transportation Engineering _____ Date _____

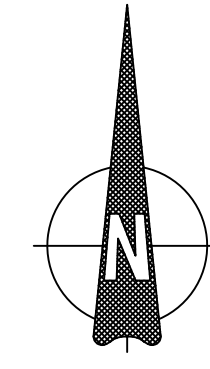
Designed by: MW Drawn by: MW Checked by: KJS

SC-06
EROSION & SEDIMENT CONTROL PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

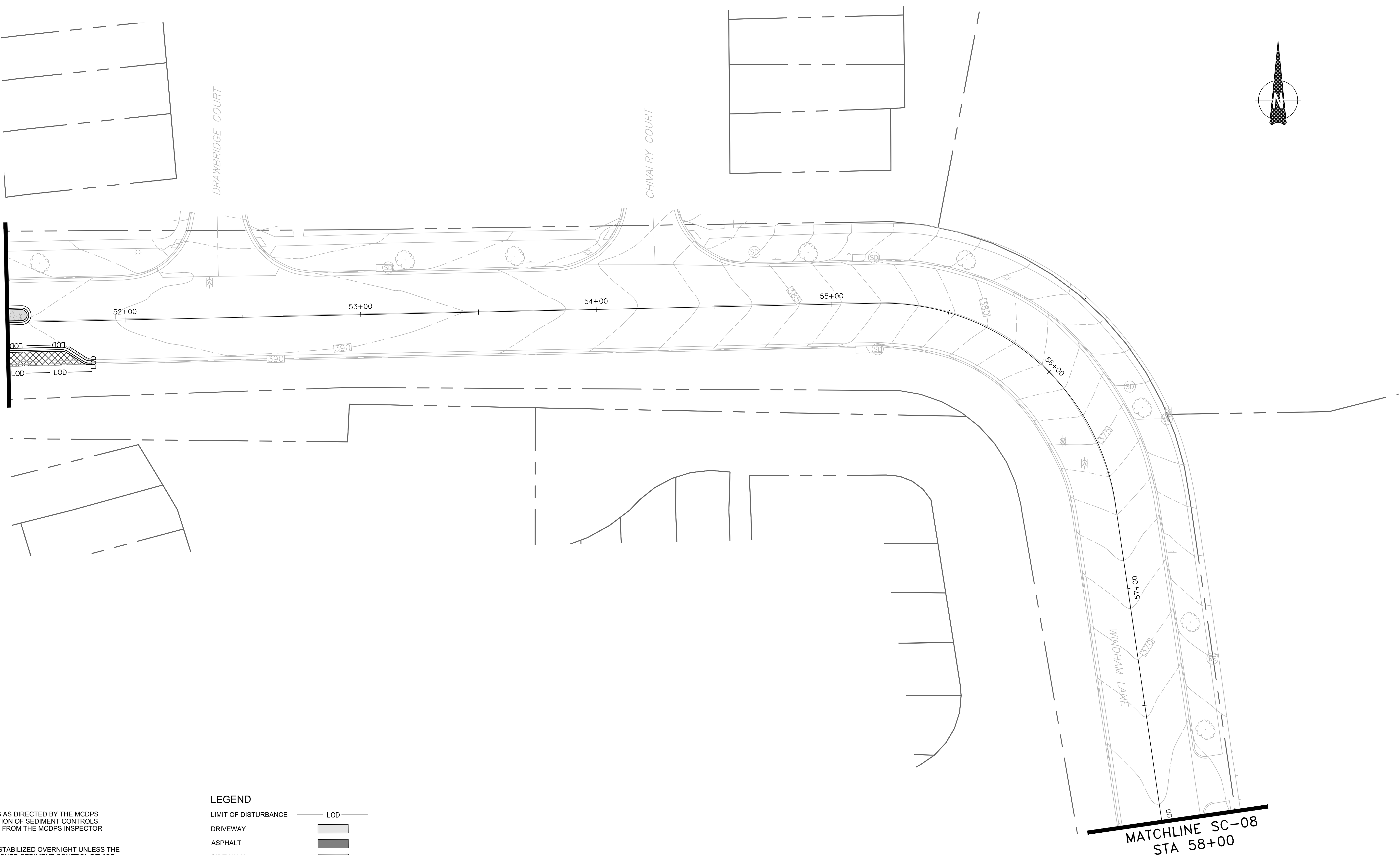
DATE: APRIL 2024

SCALE: 1"=20'

CIP No. : 502002 SHEET 50 of 54



MATCHLINE SC-06
STA 51+50

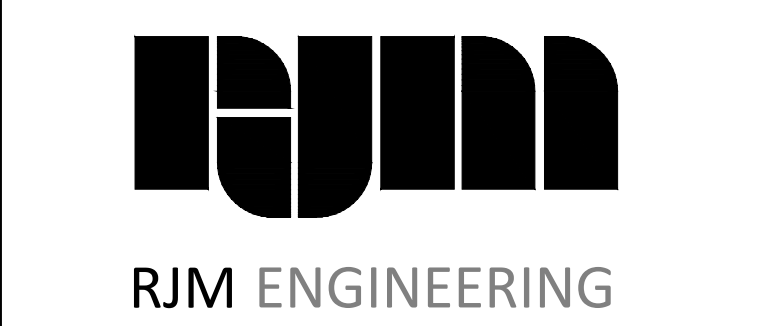


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LEGEND

- LIMIT OF DISTURBANCE — LOD
- DRIVEWAY
- ASPHALT
- SIDEWALK
- PAVEMENT REMOVAL
- DETECTABLE WARNING SURFACE
- RIGHT OF WAY — — — — —



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Transportation Engineering _____ Date _____

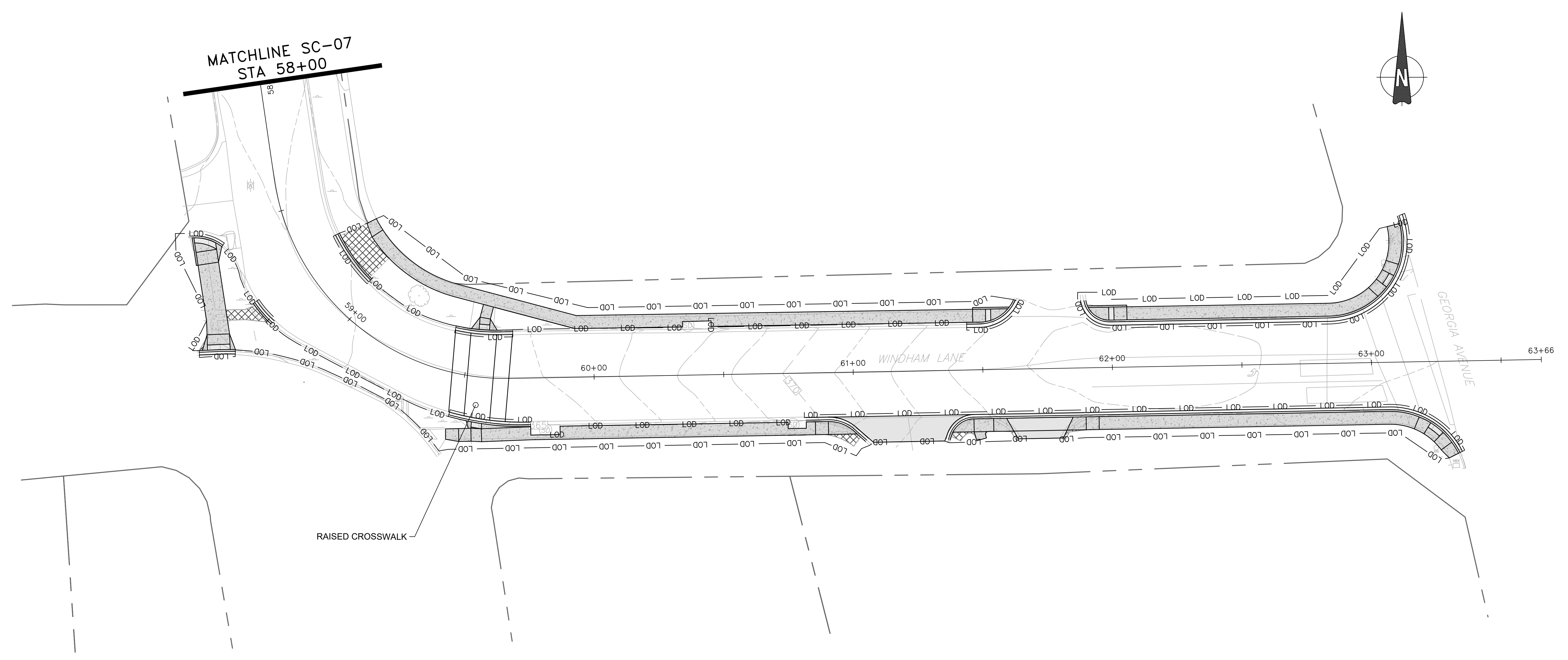
Designed by: MW Drawn by: MW Checked by: KJS

SC-07
EROSION & SEDIMENT CONTROL PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 51 of 54

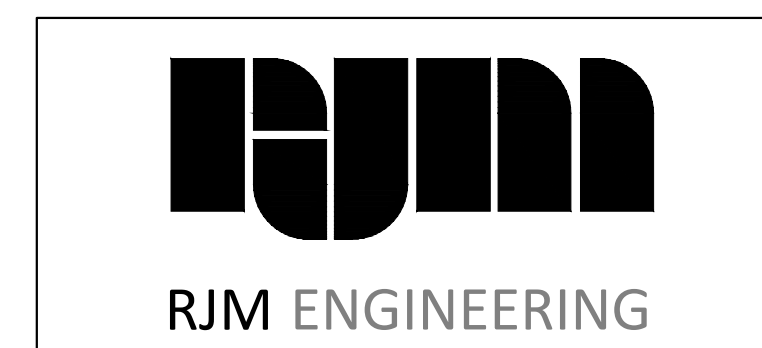


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LEGEND

- LIMIT OF DISTURBANCE — LOD
- DRIVEWAY [Hatched Pattern]
- ASPHALT [Solid Grey]
- SIDEWALK [Solid Dark Grey]
- PAVEMENT REMOVAL [Cross-hatched Pattern]
- DETECTABLE WARNING SURFACE [Dotted Pattern]
- RIGHT OF WAY [Dashed Line]



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND	
RECOMMENDED FOR APPROVAL	
Chief, Design Section	Date
APPROVED	
Chief, Division of Transportation Engineering	Date
Designed by: MW	Drawn by: MW
Checked by: KJS	

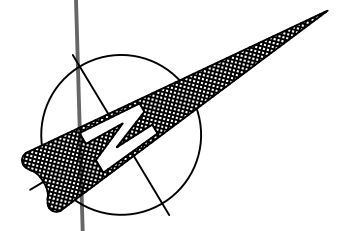
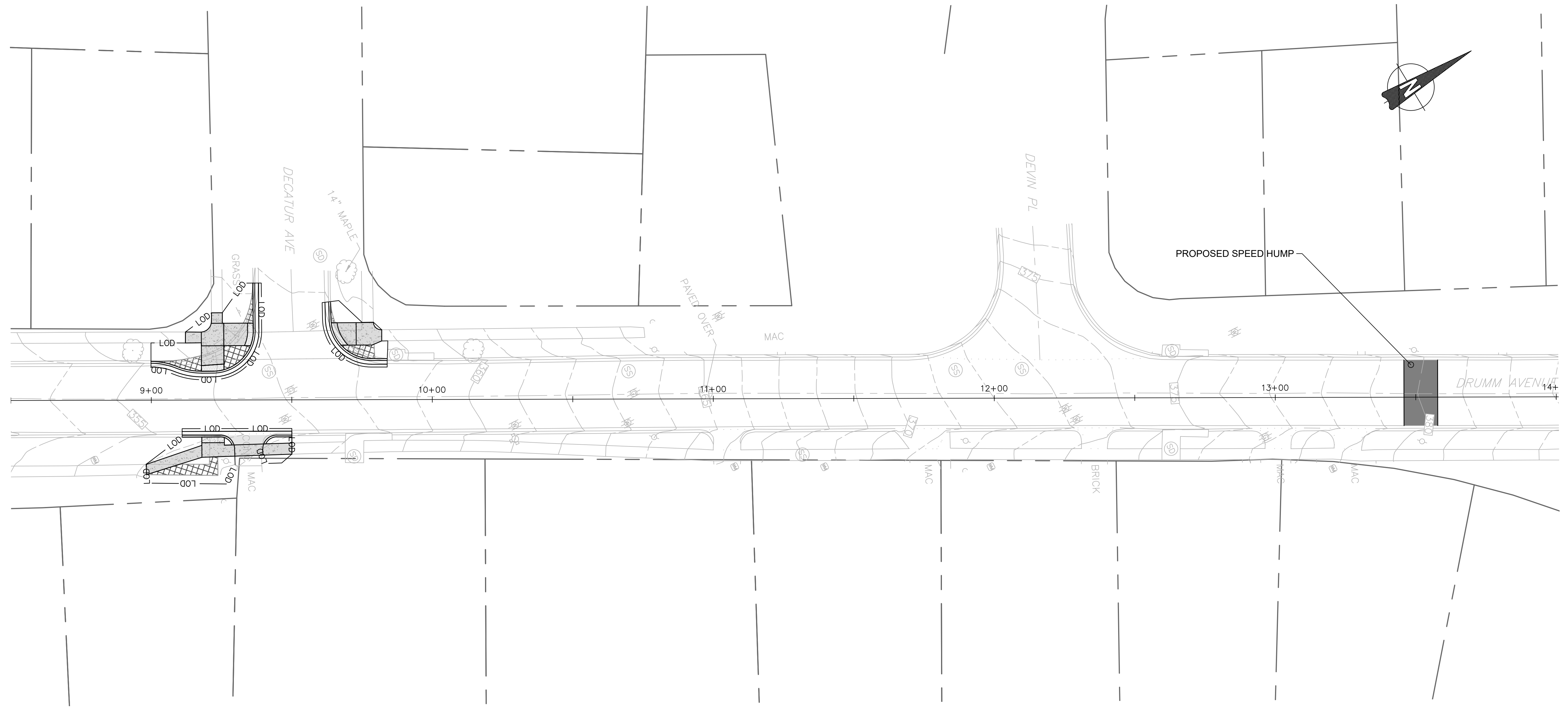
SC-08
EROSION & SEDIMENT CONTROL PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

DATE: APRIL 2024

SCALE: 1"=20'

SHEET 52 of 54

CIP No. : 502002

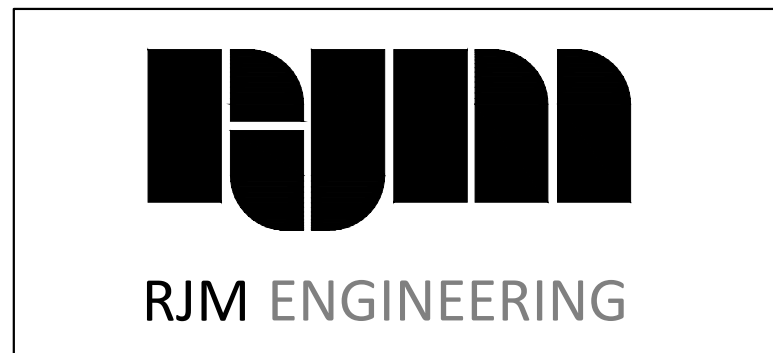


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LEGEND

- LIMIT OF DISTURBANCE — LOD
- DRIVEWAY [Symbol]
- ASPHALT [Symbol]
- SIDEWALK [Symbol]
- PAVEMENT REMOVAL [Symbol]
- DETECTABLE WARNING SURFACE [Symbol]
- RIGHT OF WAY [Symbol]



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Transportation Engineering _____ Date _____

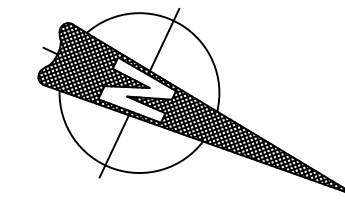
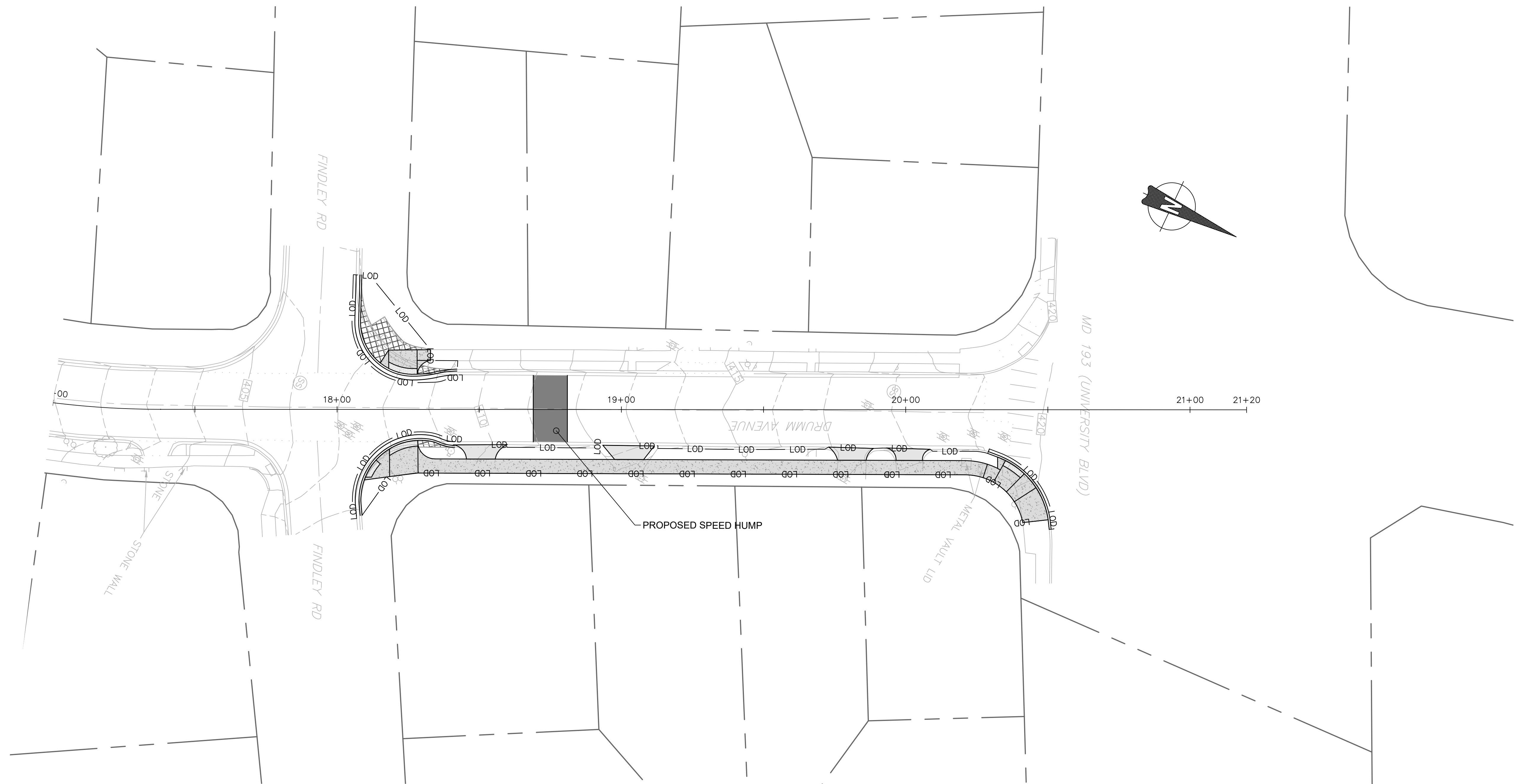
Designed by: MW Drawn by: MW Checked by: KJS

SC-09
EROSION & SEDIMENT CONTROL PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

SCALE: 1"=20'

DATE: APRIL 2024

CIP No. : 502002 SHEET 53 of 54

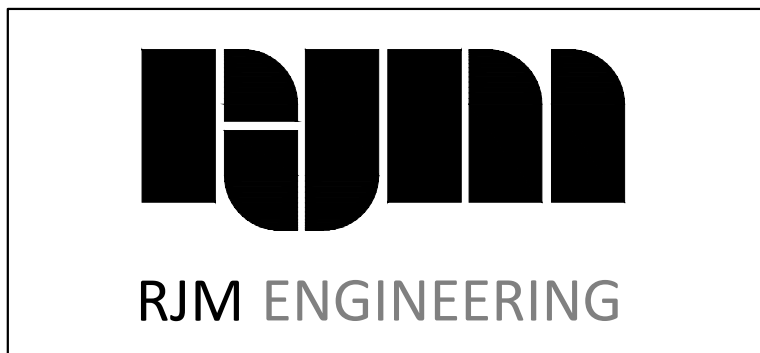


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LEGEND

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- DRIVEWAY
- ASPHALT
- SIDEWALK
- PAVEMENT REMOVAL
- DETECTABLE WARNING SURFACE
- RIGHT OF WAY — - - - - -



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
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GAITHERSBURG, MARYLAND

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Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

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

SC-10
EROSION & SEDIMENT CONTROL PLAN
MCCOMAS AVENUE
NEIGHBORHOOD GREENWAY

DATE: APRIL 2024
SCALE: 1"=20'

CIP No. : 502002 SHEET 54 of 54