

THE FOLLOWING MARYLAND STANDARD (CONSTRUCTION AND TEMPORARY TRAFFIC CONTROL) DETAILS ARE REQUIRED FOR THE PROJECT:

- MD 104.03-02 - SHOULDER WORK/MULTILANE UNDIV. EQUAL/LESS THAN 40 MPH
- MD 104.06-25 - MEDIAN WORK ALL SPEEDS
- MD 374.04 - STANDARD WR INLET
- MD 374.05 - STANDARD WR INLET MD 374.08 - TRIPLE WR INLET
- MD 374.51 - PRECAST OR CAST IN PLACE SQUARE AND RECTANGULAR COG INLETS 5', 10', 15', & 20'
- MD 383.21 - STANDARD 4" CIRCULAR MANHOLE MAX. DEPTH 36"
- MD 384.03 - 60" DIAMETER PRECAST MANHOLE FOR 27" TO 36" PIPES
- MD 384.05 - 72" DIAMETER PRECAST MANHOLE FOR 42" & 48" PIPES
- MD 578.01 - REPAIRING PAVEMENT OPENINGS FOR UTILITY TRENCHES
- MD 580.03 - NEW CURB AND GUTTER PLACEMENT ALONG EXISTING PAVEMENT
- MD 620.02 - STANDARD TYPES A AND B CONCRETE CURB AND COMBINATION CONCRETE CURB & GUTTER
- MD 630.02 - STANDARD ENTRANCE CONSTRUCTION RESIDENTIAL AND COMMERCIAL, METHOD NO. 2
- MD 645.01 - STANDARD MONOLITHIC CONCRETE MEDIAN TYPE A
- MD 655.11 - SIDEWALK RAMPS PERPENDICULAR
- MD 655.21 - CUT-THROUGH MEDIAN AND ISLAND OPENINGS
- MD 655.40 - DETECTABLE WARNING SURFACES

FOR ALL STANDARDS REFERRED TO ON THE PLANS, THE CONTRACTOR MUST GO TO THE BOOK OF STANDARDS WHICH WILL HAVE THE MOST CURRENT VERSION. THE BOOK OF STANDARDS CAN BE ACCESSED AT: <http://apps.roads.maryland.gov/businesswithsha/bizstdsSpecs/desManualStdPub/publicationsonline/ohd/bookstd/index.asp>. ALL ITEMS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT VERSION OF THE REFERENCED STANDARD AT THE TIME OF CONSTRUCTION.

# MONTGOMERY COUNTY, MARYLAND DEPARTMENT OF TRANSPORTATION

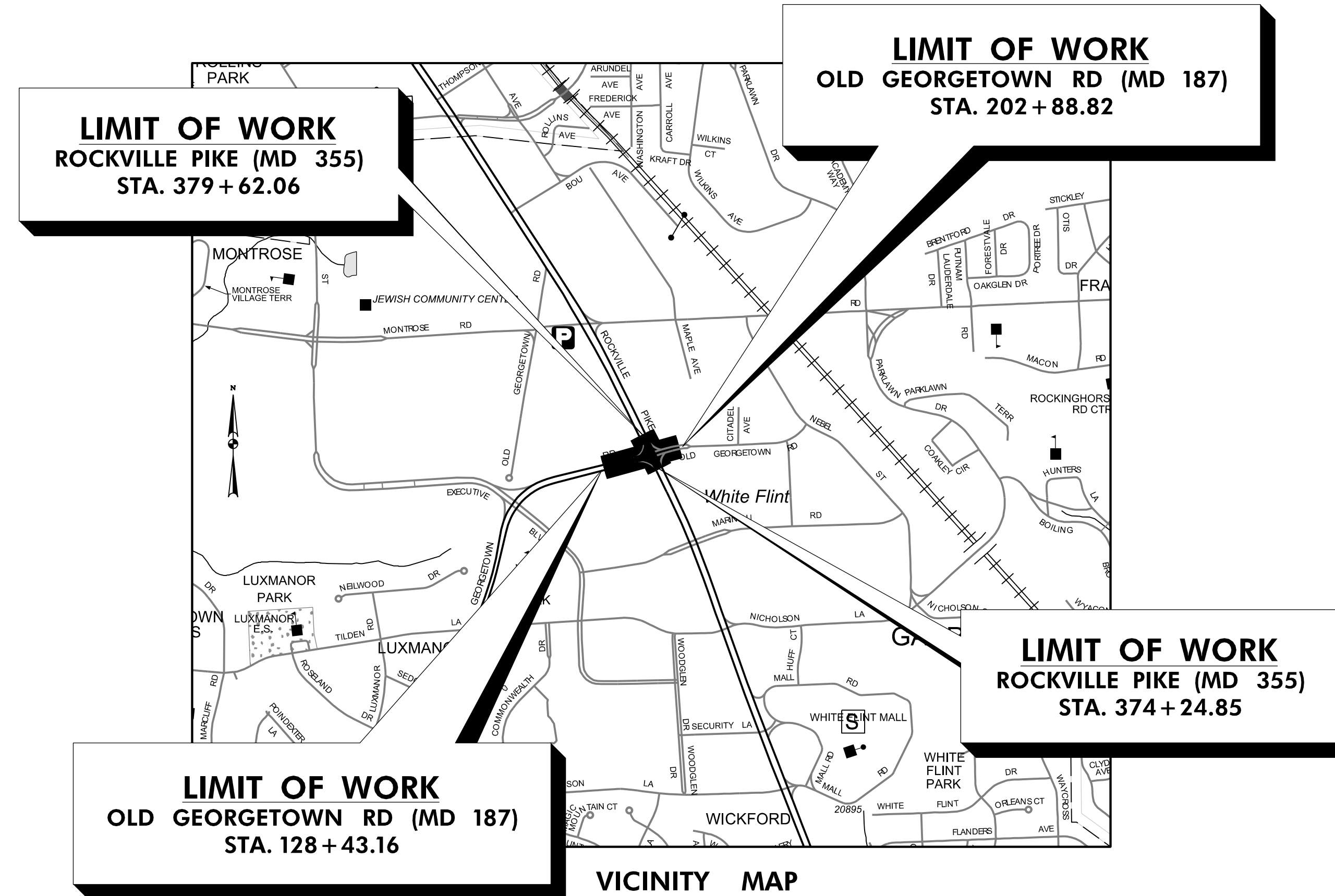
## WHITE FLINT METRO STATION ACCESS IMPROVEMENTS (PHASE 2)

C. I. P. PROJECT NO. 502106  
SHA TRACKING NO. 21-AP-MO-008-XX

**100% SUBMITTAL  
DECEMBER 2023**

### SHEET INDEX

Sheet No.	Drawing No.	Sheet Name
01	TI-01	TITLE SHEET
02	GN-01	GENERAL NOTES, DESIGN TRAFFIC DATA, SYMBOLS, ABBREVIATIONS
03	GS-01	GEOMETRIC LAYOUT
04 - 05	TS-01, TS-02	TYPICAL SECTIONS
06	DT-01	PAVING DETAILS
07	PS-01	ROADWAY PLAN
08	PS-01A	ROADWAY CONSTRUCTION NOTES
09	ID-01	INTERSECTION DETAIL
10	PR-01	ROADWAY PROFILES
11 - 13	DD-01, DD-02, DD-03	DRAINAGE AND STORMWATER MANAGEMENT PLANS
14 - 15	PP-01	PIPE PROFILES
16 - 18	DA-01, DA-02, DA-03	EXISTING DRAINAGE AREA MAPS
19 - 21	DA-04, DA-05, DA-06	PROPOSED DRAINAGE AREA MAPS
22	ES-00	EROSION AND SEDIMENT CONTROL TITLE SHEET
23 - 24	ES-01, ES-02	EROSION AND SEDIMENT CONTROL NOTES
25	ES-03	EROSION AND SEDIMENT CONTROL DETAILS & EARTHWORK SUMMARY
26	ES-04	EROSION AND SEDIMENT CONTROL PLAN
27	LP-01	LANDSCAPE PLAN & TREE PROTECTION PLAN
28	LP-02	LANDSCAPE NOTES & DETAILS
29	LT-01	LIGHTING PLAN
30	LT-02	LIGHTING NOTES & DETAILS
31	SG-01	SIGNAL PLAN
32	SG-02	SIGNAL PLAN GENERAL INFORMATION
33	MTN-01	MAINTENANCE OF TRAFFIC GENERAL NOTES
34	MTN-02	MAINTENANCE OF TRAFFIC SEQUENCE OF CONSTRUCTION
35	MTN-03	MAINTENANCE OF TRAFFIC NOTES AND DETAILS
36 - 42	MT-01 TO MT-07	MAINTENANCE OF TRAFFIC PLAN - PHASE 1A & 1C
43 - 51	MT-08 TO MT-16	MAINTENANCE OF TRAFFIC PLAN - PHASE 1B
52 - 62	MT-17 TO MT-27	MAINTENANCE OF TRAFFIC PLAN - PHASE 1D
63 - 66	MT-28 TO MT-31	MAINTENANCE OF TRAFFIC PLAN - PHASE 1E
67 - 69	MT-32 TO MT-34	MAINTENANCE OF TRAFFIC PLAN - PHASE 1F
70 - 74	MT-35 TO MT-39	MAINTENANCE OF TRAFFIC PLAN - PHASE 2
75 - 79	MT-40 TO MT-44	MAINTENANCE OF TRAFFIC PLAN - PHASE 3
80 - 85	MT-45 TO MT-50	MAINTENANCE OF TRAFFIC PLAN - PHASE 4A
86 - 88	MT-51 TO MT-53	MAINTENANCE OF TRAFFIC PLAN - PHASE 4B
89 - 96	MT-54 TO MT-61	MAINTENANCE OF TRAFFIC PLAN - PHASE 5A
97 - 104	MT-62 TO MT-69	MAINTENANCE OF TRAFFIC PLAN - PHASE 5B
105 - 115	MT-70 TO MT-80	MAINTENANCE OF TRAFFIC PLAN - PHASE 6A
116 - 119	MT-81 TO MT-84	MAINTENANCE OF TRAFFIC PLAN - PHASE 6B
104 - 106	MT-69 TO MT-71	MAINTENANCE OF TRAFFIC PLAN - PHASE 6C
123 - 129	MT-88 TO MT-94	MAINTENANCE OF TRAFFIC PLAN - PHASE 7
130 - 135	MT-95 TO MT-100	MAINTENANCE OF TRAFFIC PLAN - PHASE 8
136	SN-01	SIGNING & PAVEMENT MARKING GENERAL NOTES
137	SN-02	SIGNING & PAVEMENT MARKING PLAN
138	SN-03	SIGNING & PAVEMENT MARKING QUANTITIES
139 - 155	XS-01 TO XS-17	ROADWAY CROSS SECTIONS
156 - 157	A001, A002	WSSC WATERLINE RELOCATION PLANS



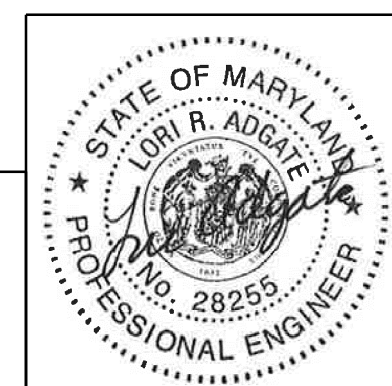
APPROVALS:		
TRAFFIC CONTROL PLANS	SIGNATURE _____	DATE _____
LIGHTING PLANS	SIGNATURE _____	DATE _____
SIGNING & PAVEMENT MARKING PLANS	SIGNATURE _____	DATE _____
TRAFFIC SIGNAL PLANS	SIGNATURE _____	DATE _____

12/15/2023 LA\2026213204\700 CADD\701 Sheet\Phase 2\PCN-TOOL-WFMetro.dgn

PROJECT MANAGER  
REBECCA PARK, PE  
100 Edison Park Drive, 4th Floor  
Gaithersburg, MD 20878  
240-777-7263  
rebecca.park@montgomerycountymd.gov



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

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

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2  
TITLE SHEET

SCALE : N.T.S.      DATE : DECEMBER 2023  
Project No. : 502106      SHEET 01 of 157

TI-01

**GENERAL NOTES**

- THE SPECIFICATIONS FOR THIS CONTRACT WILL BE THOSE OF THE MARYLAND STATE HIGHWAY ADMINISTRATION DATED JULY 2022, ALL ERATA AND ADDENDA THERETO, THE MARYLAND STATE HIGHWAY ADMINISTRATION BOOK OF STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES, SOIL CONSERVATION SERVICE POND CONSTRUCTION SPECIFICATIONS FOR MARYLAND, AND 2021 WASHINGTON SUBURBAN SANITARY COMMISSION (W.S.S.C.) STANDARDS.
- FOR CONSTRUCTION, HORIZONTAL SHALL BE BASED ON NAD 83/91 DATUM AND VERTICAL SHALL BE BASED ON NAVD 1988 DATUM. FOR CONSTRUCTION OF WSSC FACILITIES, NGVD 1929 VERTICAL DATUM SHALL BE USED.
- WHEN THE DROP ON THE MAIN LINE THROUGH A STORM DRAIN STRUCTURE CAN BE ACCOMMODATED BY AN INVERT SLOPE OF 1.5:1 OR FLATTER, A ROUNDED CHANNEL LINED WITH SEWER BRICK ON EDGE SHALL BE BUILT TO THE CROWN OF THE PIPES. WHEN THE INVERT SLOPES WOULD BE GREATER THAN 1.5:1 A SPECIAL INVERT SHALL BE CONSTRUCTED AS NOTED.
- ALL STORM DRAIN PIPE SHALL BE INSTALLED WITH CLASS "C" BEDDING UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS TO STORM DRAIN STRUCTURES, WHEN NECESSARY, TO MEET EXISTING CONDITIONS, AS APPROVED BY MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION'S PROJECT INSPECTOR.
- 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 AT NO ADDITIONAL COST TO THE COUNTY 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 AND WATER QUALITY SWALES SHALL BE SODDED. OTHER DISTURBED AREAS SHALL BE SEEDED AND MULCHED.
- THE CONTRACTOR SHALL OBTAIN A 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. PLEASE REFER TO THE APPROPRIATE RIGHT-OF-WAY PLATS.
- ALL UTILITY POLES NOTED FOR RELOCATION SHALL BE PERFORMED BY OTHERS.
- THE CONTRACTOR SHALL INSTALL PEDESTRIAN DETECTABLE WARNING SURFACES AT ALL SIDEWALK & PEDESTRIAN CROSSING LOCATIONS AS DIRECTED BY THE ENGINEER. THE WARNING SURFACES SHALL BE IN CONFORMANCE WITH ADA REQUIREMENTS AND THE PROJECT SPECIAL PROVISION.
- THE DESIGN FOR THIS PROJECT HAS INCORPORATED FACILITIES FOR THE ELDERLY AND HANDICAPPED IN COMPLIANCE WITH STATE AND FEDERAL LEGISLATION.

**ABBREVIATIONS**

A.A.S.H.T.O. ... American Association of State Highway Transportation Officials	E ..... East	L.L. .... Liquid Limit	PROP. .... Proposed	STD. .... Standard
ABAN. .... Abandoned	E ..... Electric	LOD ..... Limit of Disturbance	PRC ..... Point of Reverse Curve	STA. .... Station
ABUT. .... Abutment	e ..... External Distance	LONG. .... Longitudinal	PT. .... Point	STIFF. .... Stiffener
ADT ..... Average Daily Traffic	EA ..... Each	L.P. .... Light Pole	PT ..... Point of Tangency	SO. .... Single Opening
AHD ..... Ahead	E.B. .... Eastbound	LT. .... Left	PVC ..... Point of Vertical Curve	S.Y. .... Square Yards
APPROX. .... Approximate	E.J. .... Expansion Joint	MAC. .... Macadam	P.V.C. .... Polyvinyl Chloride	SWM ..... Stormwater Management
BL or BL ..... Baseline	EL or ELEV. .... Elevation	MAX. .... Maximum	PVI ..... Point of Vertical Intersection	T ..... Tangent
BK ..... Back /Book	E.R.C.C.P. .... Elliptical Reinforced Cement Concrete Pipe	MB ..... Micro Bio	PVRC ..... Point of Vertical Reversure Curve	T ..... Telephone
BIT. .... Bituminous	ES ..... End Section	MC ..... Moisture Content	PVT ..... Point of Vertical Tangency	T.C. .... Top of Cover
B.C. .... Bituminous Concrete	EX. or EXIST. .... Existing	MDD ..... Maximum Dry Content	R ..... Radius	TEMP. .... Temporary
B.M. .... Bench Mark	FT ..... Feet	MOD. .... Modified	REINF. .... Reinforcement	T.G. .... Top of Grate
B.O.F. .... Bottom of Footing	F or FL ..... Flowline	MIN. .... Minimum	REQ'D ..... Required	T.B.R. .... To Be Removed
BOT. .... Bottom	F.B.D. .... Flat Bottom Ditch	MN. .... Managed Roadway	R.F. .... Rock Fragments	T or TL ..... Traverse Line
BRG. .... Bearing	F.H. .... Fire Hydrant	M.S.E. .... Mechanically Stabilized Earth	RT. .... Right	T.M. .... Top of Manhole
C.C. .... Center of Curve	F.O. .... Fiber Optic	N ..... North	RW or RW ..... Right of Way	T.O.F. .... Top of Footing
CATV ..... Cable Television	F.S. .... Full Super Elevation	NB ..... Northbound	R.C.P. .... Reinforced Cement Pipe	TRAV. .... Traverse
C.B.R. .... California Bearing Ratio	FWD. .... Forward	NE ..... Northeast	R.C.C.P. .... Reinforced Cement Concrete Pipe	TS ..... Temporary Swale
C.J. .... Contraction Joint	G ..... Gas	NO. .... Number	R.Q.D. .... Rock Quality Designation	T.S. .... Top of Slab
C <sub>1</sub> or CL ..... Centerline	GL ..... Gutterline	NP ..... Non-Plastic	R.M. .... Rootmat	T.S. .... Topsoil
CL ..... Class or Clear	GP ..... General Purpose Roadway	N.T.S. .... Not To Scale	S ..... South	TYP. .... Typical
CLF ..... Chainlink Fence	G.V. .... Gas Valve	O.C. .... On Center	SAN. .... Sanitary Sewer	UD ..... Under Drain
CMP ..... Corrugated Metal Pipe	H.B. .... Handbox	OH ..... Overhead	SB or SB ..... Southbound	U.G. .... Underground
C.O. .... Cleanout	H.D.P. .... High Density Polyethylene	OMC ..... Optimum Moisture	S.D. .... Storm Drain	U.O.N. .... Unless Otherwise Noted
COMB. .... Combination	HDWL ..... Headwall	PAV'T ..... Pavement	S.D.D. .... Surface Drain Ditch	U.P. .... Utility Pole
CONC. .... Concrete	H.E.R.C.P. .... Horizontal Elliptical Reinforced Concrete Pipe	PC ..... Point of Curvature	SE ..... Super Elevation	USC ..... Unified Soil Classification
CONSTR. .... Construction	H.P. .... High Point	PCC ..... Point of Compound Curvature	SF ..... Silt Fence	USDA ..... United States Department of Agriculture
COR. .... Corner	H.S.D. .... Headlight Sight Distance	PC ..... Point of Crown	S.F. .... Square Feet	VCL ..... Vertical Clearance
CORR. .... Correction	IN ..... Inch	PGE ..... Profile Grade Elevation	SHLDR. .... Shoulder	V.C.L. .... Vertical Curve Length
C.Y. .... Cubic Yard	I.S.T ..... Inlet Sediment Trap	P.G.L. .... Profile Grade Line	SHA ..... State Highway Administration	W ..... Water
DC ..... Degree of Curve	INV. .... Invert	P/GL ..... Profile Ground Line	SHA MB ..... State Highway Administration Micro Bio	W ..... West
D.H.V. .... Design Hourly Volume	J.B. .... Junction Box	PLATE ..... Plate	SHT. .... Sheet	W.B. .... Westbound
D.I. .... Drop Inlet	K ..... K Inlet	P/R ..... Point of Rotation	S.P.P. .... Structural Plate Pipe	WB ..... Wetland Buffer
DIA ..... Diameter	L ..... Length	P.I. .... Plasticity Index	S.P.T. .... Standard Penetration Testing	W.M. .... Water Meter
D.O. .... Double Opening	L.F. .... Linear Feet	POC ..... Point On Curve	S.S. .... Stainless Steel	W.S. .... Wrapped Steel
D.S. .... Design Speed		POT ..... Point On Tangent	SSD ..... Stopping Sight Distance	
DWG. .... Drawing			SSF ..... Super Silt Fence	

**DESIGN TRAFFIC DATA**

ROADWAY	MD 355 (ROCKVILLE PIKE)	
CONTROLS / YEARS	2018	2042
AVERAGE DAILY TRAFFIC (A.D.T.)	50,000	59,800
DESIGN HOURLY VOLUME (D.H.V.)	4,200	5,000
DIRECTIONAL DISTRIBUTION	62.68%	56.46%
% TRUCKS - A.D.T.	2	2
% TRUCKS - D.H.V.	2	2
DESIGN SPEED M. P. H.	45 M. P. H.	
FUNCTIONAL CLASSIFICATION	ARTERIAL	
CONTROL OF ACCESS	NONE	
INTENSITY OF DEVELOPMENT	URBAN	
TERRAIN	ROLLING	
ANTICIPATED POSTED SPEED	40 M. P. H.	
ROADWAY	OLD GEORGETOWN ROAD (MD 187)	
CONTROLS / YEARS	2018	2042
AVERAGE DAILY TRAFFIC (A.D.T.)	23,200	17,000
DESIGN HOURLY VOLUME (D.H.V.)	2,000	1,400
DIRECTIONAL DISTRIBUTION	56.86%	57.86%
% TRUCKS - A.D.T.	2	2
% TRUCKS - D.H.V.	2	2
DESIGN SPEED M. P. H.	35 M. P. H.	
FUNCTIONAL CLASSIFICATION	ARTERIAL	
CONTROL OF ACCESS	PARTIAL	
INTENSITY OF DEVELOPMENT	URBAN	
TERRAIN	ROLLING	
ANTICIPATED POSTED SPEED	30 M. P. H.	

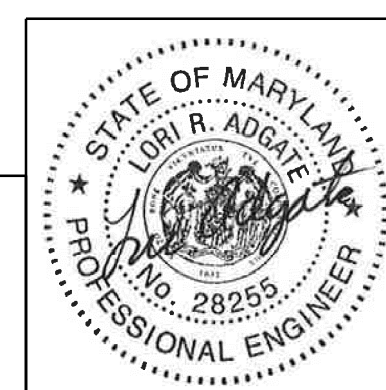
**SYMBOLS**

EXISTING RIGHT OF WAY LINE .....	-----	LIMIT OF DISTURBANCE .....	LOD
PROPOSED RIGHT OF WAY LINE .....	=====	SILT FENCE .....	SF
PROPOSED TRAFFIC BARRIER .....	=====	SUPER SILT FENCE .....	SSF
EXISTING TRAFFIC BARRIER .....	-----	DIVERSION FENCE .....	DF
EXISTING WOOD FENCE LINE .....	-----	STONE CHECK DAM .....	CD
EXISTING CHAIN LINK FENCE LINE .....	-----	TEMPORARY STONE OUTLET STRUCTURE .....	TSOS
BASE OR SURVEY LINE .....	31 +50 32	TEMPORARY GABION OUTLET STRUCTURE .....	TGOS
EXISTING FIRE HYDRANT .....	⊙	AT-GRADE INLET PROTECTION .....	AGIP
PROPOSED STORM DRAIN .....	=====	CURB INLET PROTECTION .....	CIP
PROPOSED STORM DRAIN INLET .....	⊙	MEDIAN INLET PROTECTION .....	MIP
PROPOSED STORM DRAIN MANHOLE .....	⊙	STANDARD INLET PROTECTION .....	SIP
EXISTING STORM DRAIN .....	=====	COMBINATION INLET PROTECTION .....	COIP
EXISTING INLET .....	⊙	STABILIZED CONSTRUCTION ENTRANCE .....	SCB
EXISTING UTILITY POLE .....	⊙	PROPOSED UTILITY POLE .....	⊙
EXISTING TREE .....	⊙	PROPOSED UTILITY CONDUIT .....	=====
EXISTING TREE LINE .....	-----	PROPOSED UTILITY VAULT .....	⊙
CUT SLOPE .....	C	EXISTING GAS .....	G
FILL SLOPE .....	F	EXISTING WATER .....	W
STREET LIGHT .....	⊙	EXISTING SEWER .....	SS
STREET LIGHT HANDBOX .....	⊙	EXISTING FIBER OPTIC .....	FO
STREET LIGHT CONDUIT .....	=====		
EXISTING CONTOUR (MINOR) .....	-----		
EXISTING CONTOUR (MAJOR) .....	-----		

12/15/2023 UA\2026213204\700 CADD\701 Sheet\Phase 2\PCN-NO01-WFMetro.dgn



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION DIVISION OF TRANSPORTATION ENGINEERING GAITHERSBURG, MARYLAND	
RECOMMENDED FOR APPROVAL	SEE TITLE SHEET FOR SIGNATURES
Chief, Design Section	Date
APPROVED	SEE TITLE SHEET FOR SIGNATURES
Chief, Division of Transportation Engineering	Date
Designed by : _____	Drawn by : _____
Checked by : _____	

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

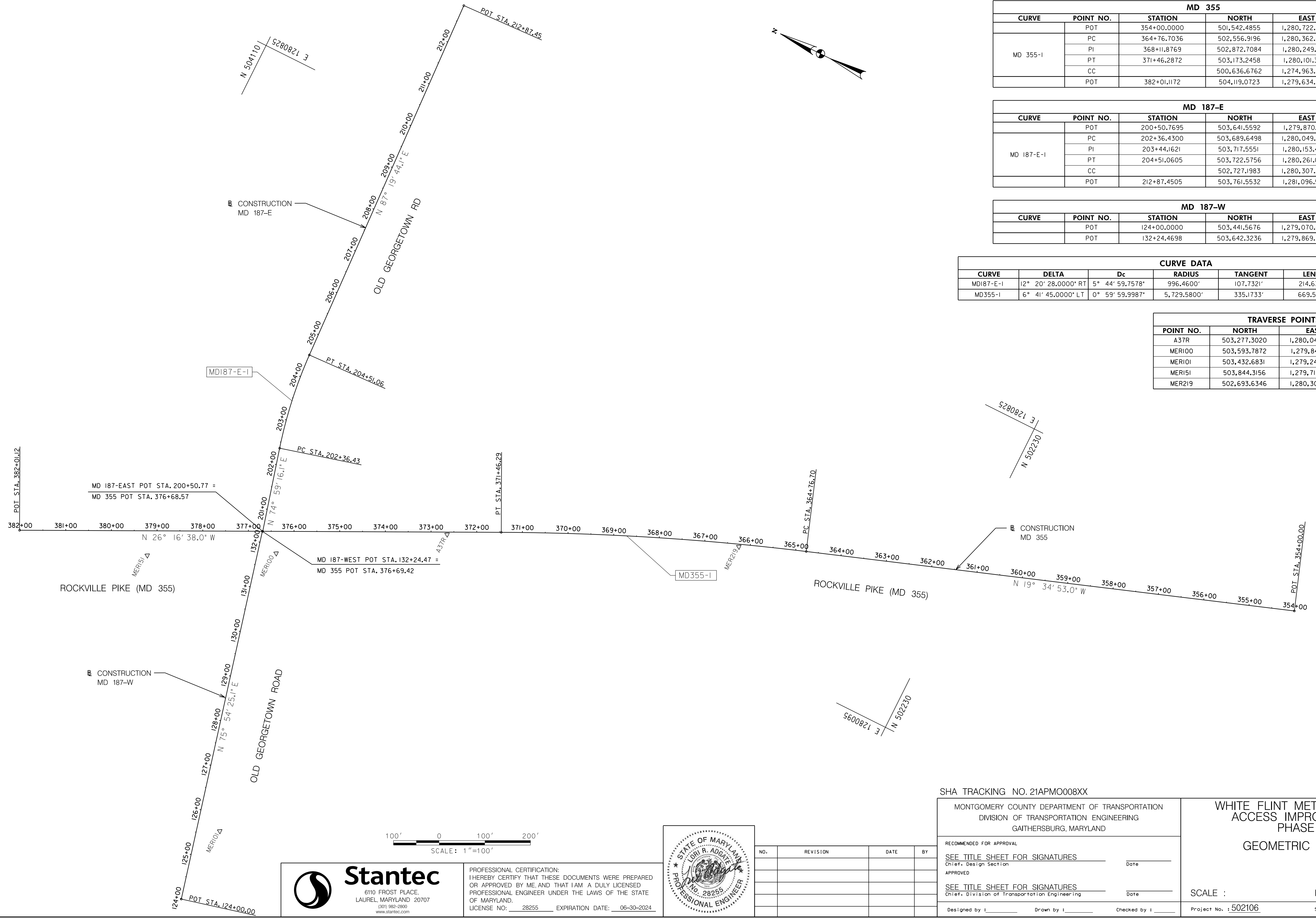
GENERAL NOTES, DESIGN TRAFFIC  
DATA, SYMBOLS & ABBREVIATIONS

SCALE : NO SCALE DATE : DECEMBER 2023

Project No. : 502106 SHEET 02 of 157

GN-01

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\PCS-P000\_WFMetro.dgn



MD 355					
CURVE	POINT NO.	STATION	NORTH	EAST	BEARING
	POT	354+00.0000	501,542.4855	1,280,722.8952	N 19° 34' 53.00" W
MD 355-I	PC	364+76.7036	502,556.9196	1,280,362.0427	N 19° 34' 53.00" W
	PI	368+11.8769	502,872.7084	1,280,249.7109	
	PT	371+46.2872	503,173.2458	1,280,101.3247	N 26° 16' 38.00" W
	CC		500,636.6762	1,274,963.8252	
	POT	382+01.1172	504,119.0723	1,279,634.3359	N 26° 16' 38.00" W

MD 187-E					
CURVE	POINT NO.	STATION	NORTH	EAST	BEARING
	POT	200+50.7695	503,641.5592	1,279,870.1014	N 74° 59' 16.13" E
MD 187-E-I	PC	202+36.4300	503,689.6498	1,280,049.4255	N 74° 59' 16.13" E
	PI	203+44.1621	503,717.5551	1,280,153.4808	
	PT	204+51.0605	503,722.5756	1,280,261.0958	N 87° 19' 44.13" E
	CC		502,727.1983	1,280,307.5330	
	POT	212+87.4505	503,761.5532	1,281,096.5771	N 87° 19' 44.13" E

MD 187-W					
CURVE	POINT NO.	STATION	NORTH	EAST	BEARING
	POT	124+00.0000	503,441.5676	1,279,070.0694	N 75° 54' 25.08" E
	POT	132+24.4698	503,642.3236	1,279,869.7240	

CURVE DATA						
CURVE	DELTA	Dc	RADIUS	TANGENT	LENGTH	EXTERNAL
MD187-E-I	12° 20' 28.0000" RT	5° 44' 59.7578"	996,4600'	107.7321'	214.6305'	5.8068'
MD355-I	6° 41' 45.0000" LT	0° 59' 59.9987"	5,729.5800'	335.1733'	669.5836'	9.7952'

TRAVERSE POINTS			
POINT NO.	NORTH	EAST	ELEVATION
A37R	503,277.3020	1,280,044.1760	402.65
MER100	503,593.7872	1,279,840.1414	399.62
MER101	503,432.6831	1,279,240.9519	384.56
MER151	503,844.3156	1,279,710.0597	398.80
MER219	502,693.6346	1,280,305.5218	405.88



**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

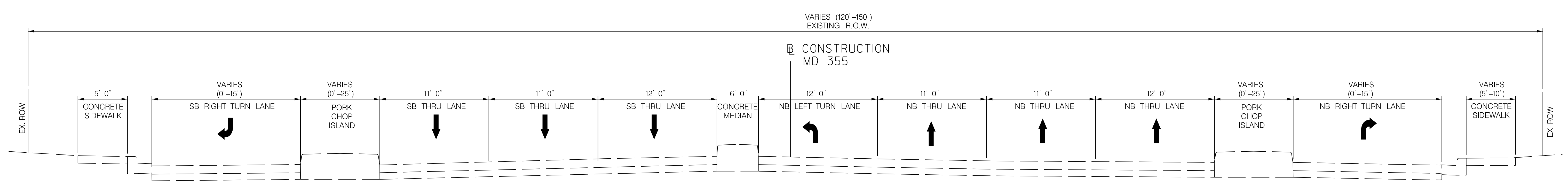
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_  
 Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

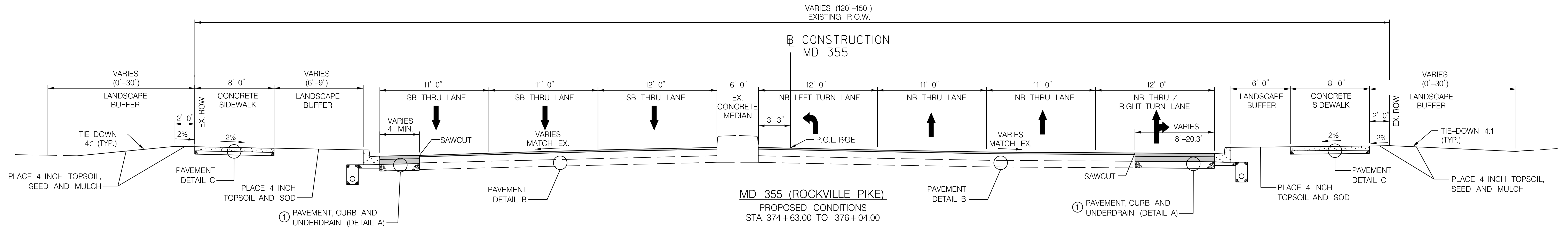
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2  
 GEOMETRIC LAYOUT

SCALE : \_\_\_\_\_ DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 03 of 157

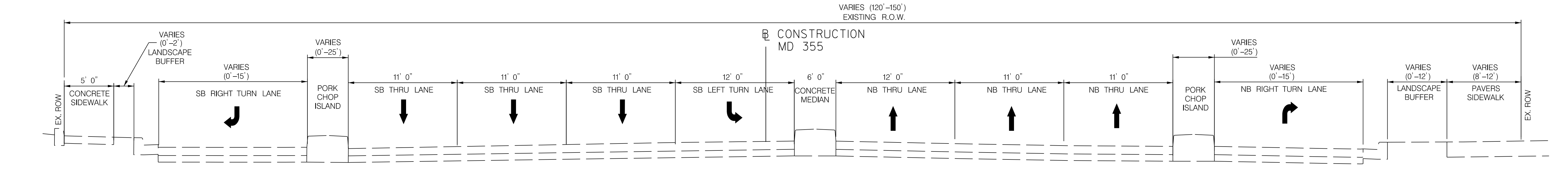
GS-01



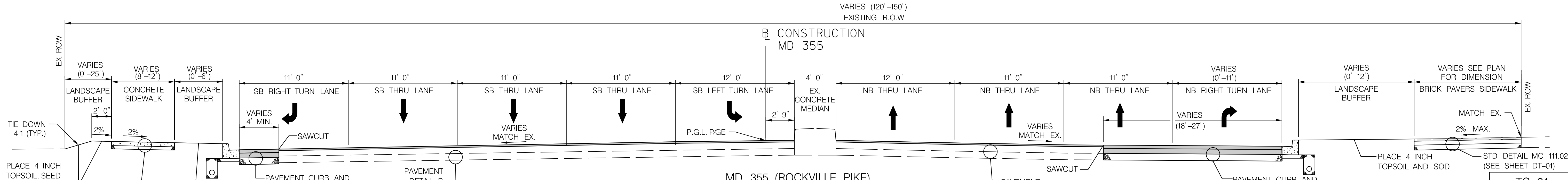
MD 355 (ROCKVILLE PIKE)  
EXISTING CONDITIONS  
STA. 374+63.00 TO 376+04.00



MD 355 (ROCKVILLE PIKE)  
PROPOSED CONDITIONS  
STA. 374+63.00 TO 376+04.00



MD 355 (ROCKVILLE PIKE)  
EXISTING CONDITIONS  
STA. 377+39.50 TO 378+25.00



MD 355 (ROCKVILLE PIKE)  
PROPOSED CONDITIONS  
STA. 377+39.50 TO 378+25.00

NOTES:  
① SEE ROADWAY PLANS FOR LIMITS OF FULL DEPTH PAVING.

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

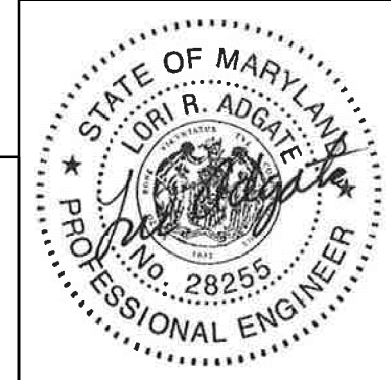
WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2  
TYPICAL SECTIONS

SCALE: 1" = 5' DATE: DECEMBER 2023

Project No.: 502106 SHEET 04 of 157



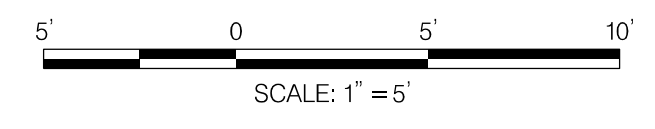
PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



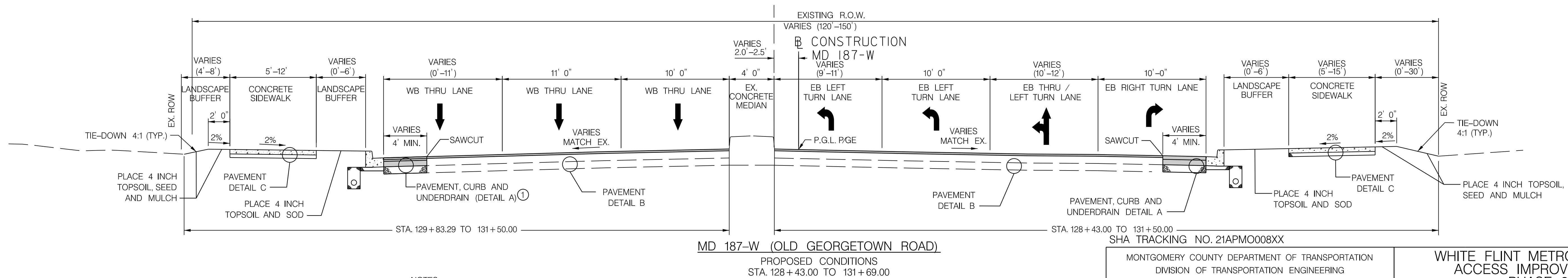
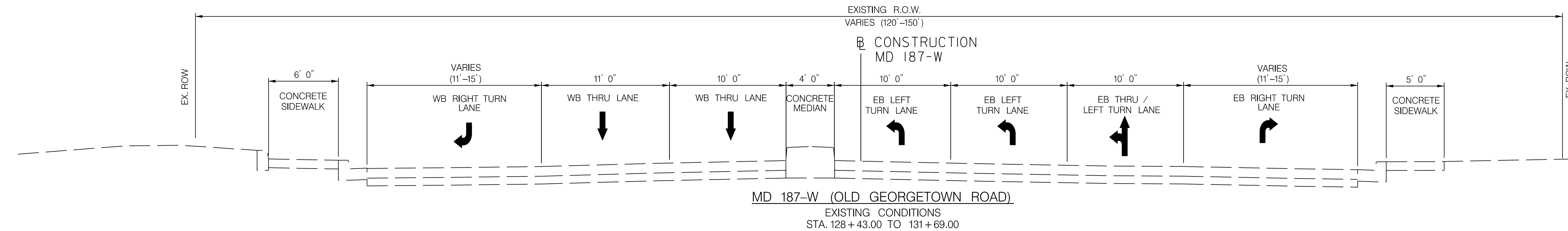
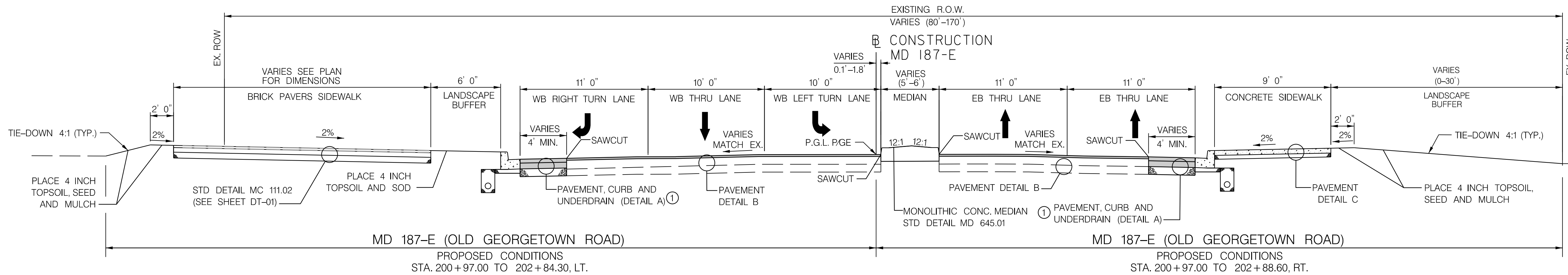
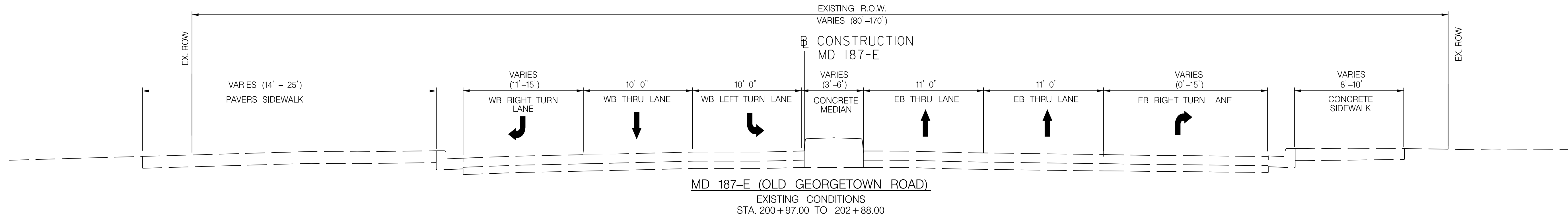
NO.	REVISION	DATE	BY

RECOMMENDED FOR APPROVAL  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Design Section  
APPROVED  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Division of Transportation Engineering  
Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

12/15/2023 UA\2026213204\700 CADD\701 Sheet\Phase 2\pht-0001\_WFMetro.dgn



12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pht-0002-WFMetro.dgn



NOTES:  
 ① SEE ROADWAY PLANS FOR LIMITS OF FULL DEPTH PAVING.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

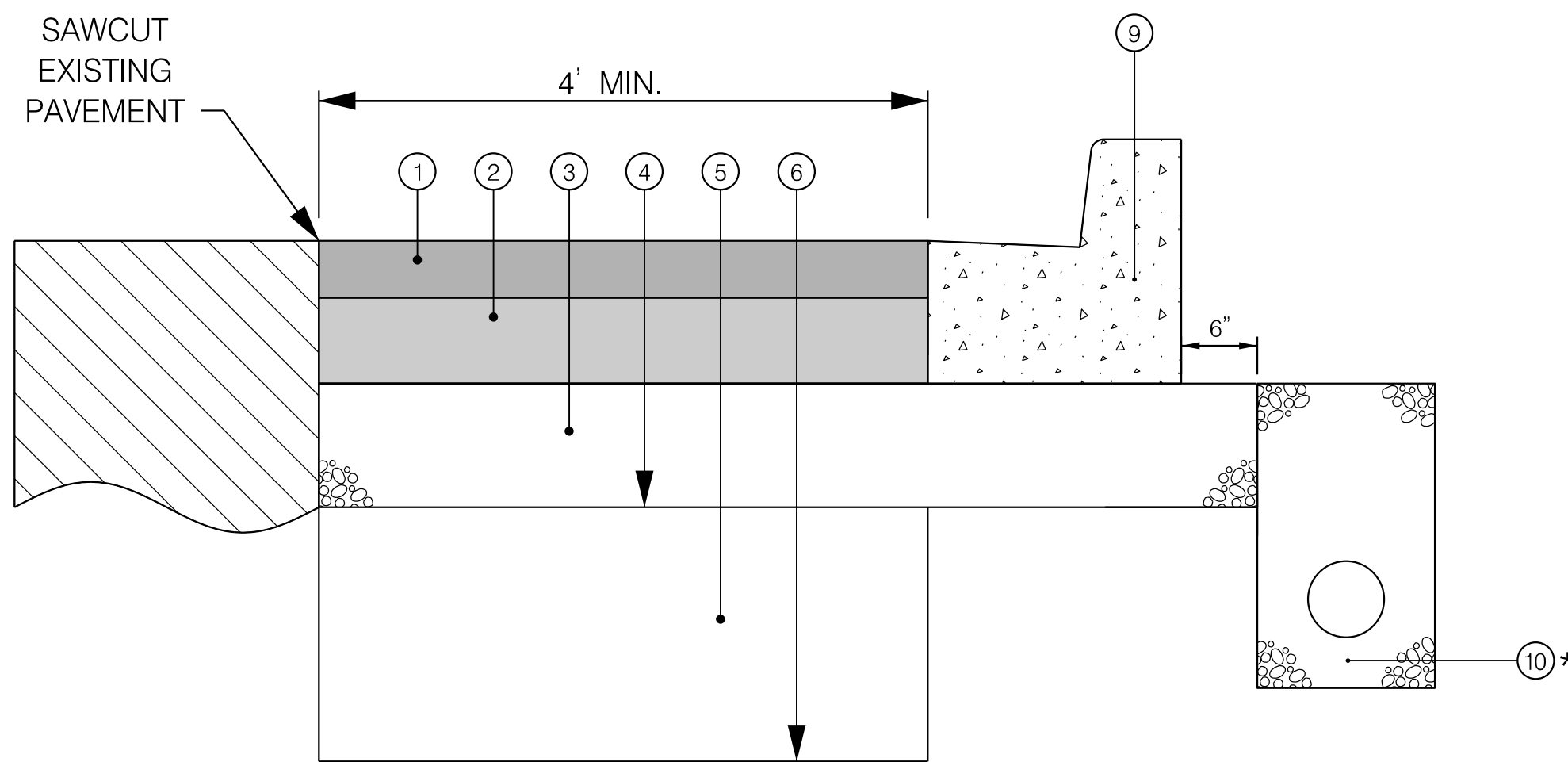
RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section Date  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering Date  
 Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2  
 TYPICAL SECTIONS

SCALE : 1" = 5' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 05 of 157

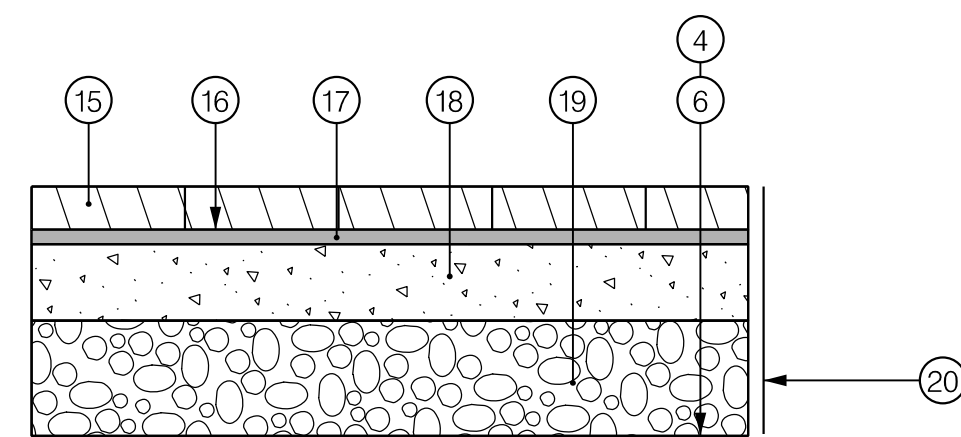
TS-02

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pHT-0003-WF\Metro.dgn



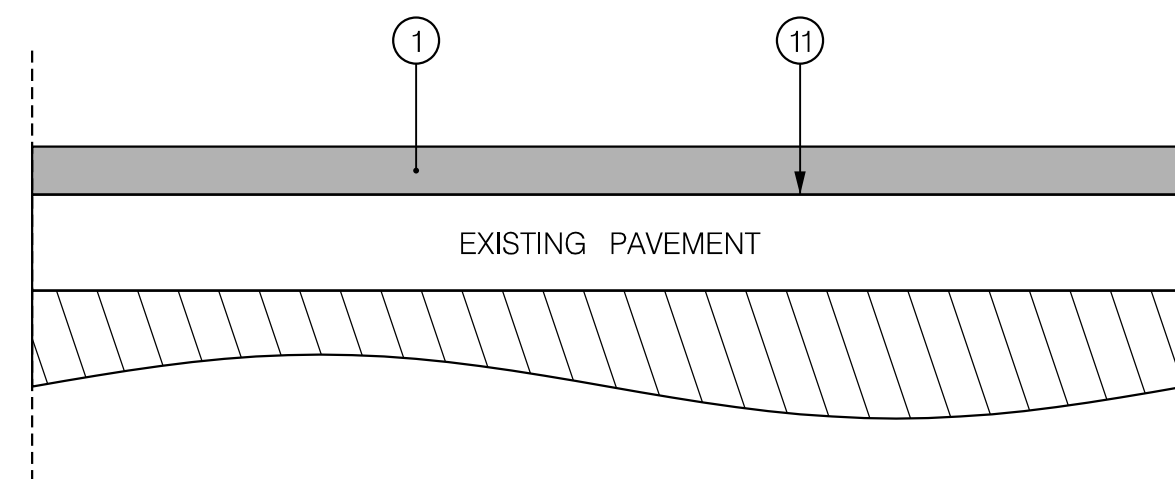
**DETAIL A**  
 FULL DEPTH PAVEMENT, CURB & GUTTER, UNDERDRAIN  
 (INCLUDES PORK CHOP ISLAND REPLACEMENT)  
 ROCKVILLE PIKE (MD 355)  
 OLD GEORGETOWN ROAD (MD 187)

\*SEE PLAN SHEETS FOR LOCATION OF  
 6 INCH LONGITUDINAL UNDERDRAIN

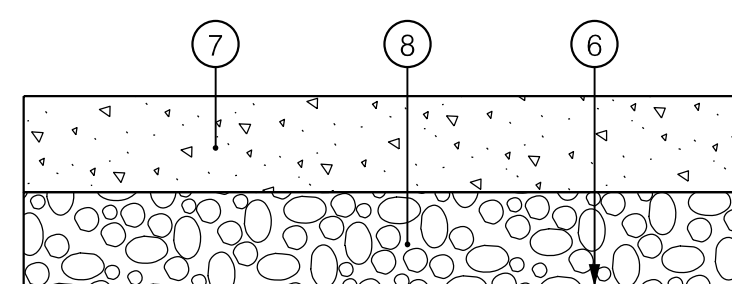


**DETAIL D**  
 BRICK SIDEWALK PAVERS\*  
 ROCKVILLE PIKE (MD 355)/OLD GEORGETOWN ROAD (MD 187)

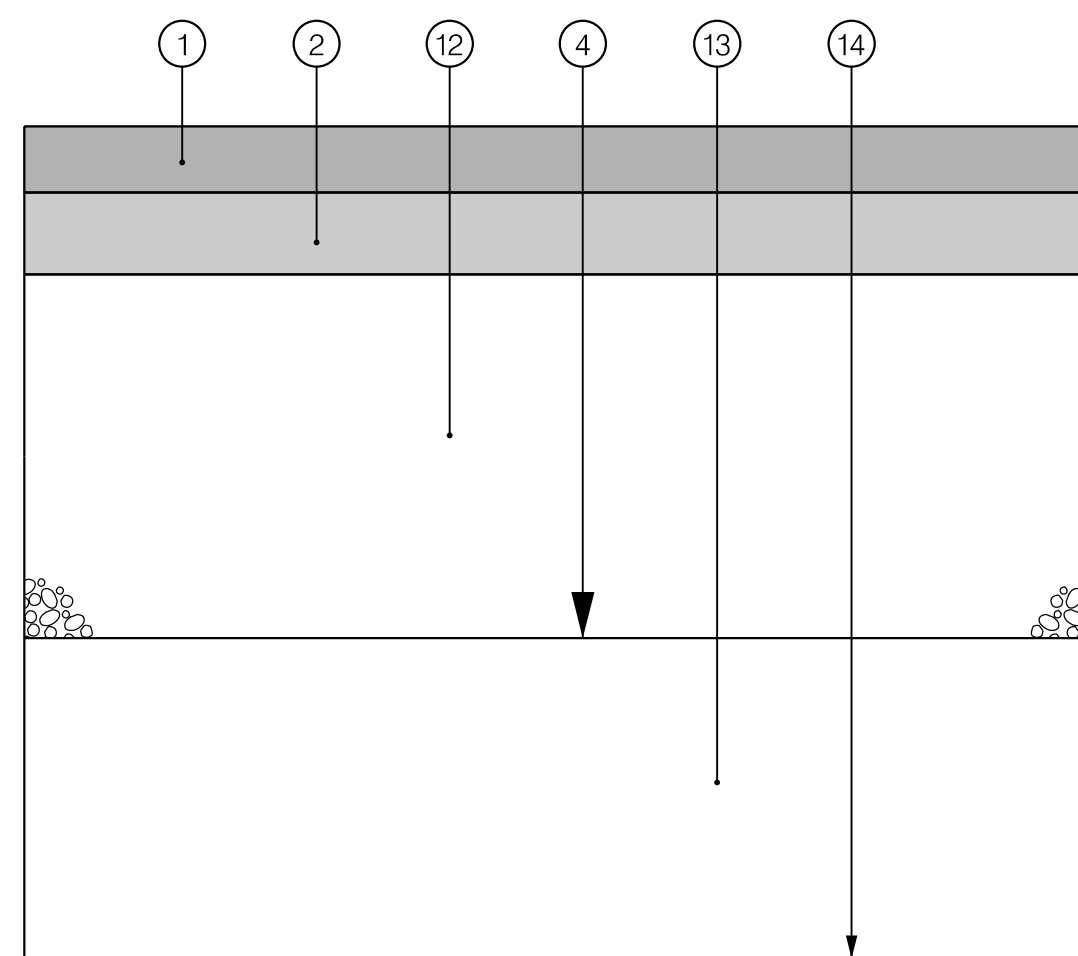
\* ITEMS 15-20 SHOWN IN ABOVE DETAIL SHALL BE  
 INCIDENTAL TO THE ITEM "BRICK SIDEWALK PAVERS"



**DETAIL B**  
 MILL & OVERLAY  
 ROCKVILLE PIKE (MD 355)  
 OLD GEORGETOWN ROAD (MD 187)



**DETAIL C**  
 CONCRETE SIDEWALK  
 ROCKVILLE PIKE (MD 355)  
 OLD GEORGETOWN ROAD (MD 187)



**DETAIL E**  
 UTILITY PAVEMENT PATCH

**PAVEMENT LEGEND**

- ① 2" SUPERPAVE ASPHALT MIX 12.5 MM FOR SURFACE, PG 64S-22, LEVEL 2
- ② 8" SUPERPAVE ASPHALT MIX 19.0 MM FOR BASE, PG 64S-22, LEVEL 2 (TWO 4 INCH LIFTS)
- ③ 8" GRADED AGGREGATE BASE COURSE (TWO 4 INCH LIFTS)
- ④ TOP OF SUBGRADE
- ⑤ 3' SELECT BORROW WITH CBR OF MINIMUM 7
- ⑥ LIMIT OF CLASS 1 EXCAVATION (SEE NOTE 2 BELOW)
- ⑦ 5" CONCRETE (MDSHA STD. MD 655.01)
- ⑧ 4" GRADED AGGREGATE BASE
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE A, 10 INCH MINIMUM DEPTH (MDSHA STD. MD 620.02)
- ⑩ LONGITUDINAL UNDERDRAIN, MDSHA STD. MD 387.11-01
- ⑪ TOP OF EXISTING PAVEMENT SURFACE AFTER 2 INCH FINE MILLING
- ⑫ 16" GRADED AGGREGATE BASE COURSE (TWO 8 INCH LIFTS)
- ⑬ SELECT BORROW WITH CBR OF MINIMUM 7 (DEPTH VARIES)
- ⑭ LIMIT OF UTILITY WORK
- ⑮ 2-1/4" BRICK PAVERS WITH HAND TIGHT JOINTS AND 3:1 SAND CEMENT SWEEP
- ⑯ ADHESIVE COAT-NEOPRENE MODIFIED ASPHALT PRIMECOAT-LOW VISCOSITY LIQUID ASPHALT
- ⑰ 3/4" BITUMINOUS SETTING BED
- ⑱ 4" POURED CONCRETE BASE, 3500 PSI, 6"X6"X2.1X2.1 WELDED WIRE CONTINUOUS WITHIN SLAB
- ⑲ 6" DENSE GRADED AGGREGATE SUBBASE
- ⑳ 1/4"X7" STEEL EDGE FRAME BOLTED TO CONCRETE BASE WITH 1/2" GALVANIZED WEDGE ANCHOR AND WASHER, 18" CC

**NOTES:**

1. THE SUBGRADE SHALL BE TEST ROLLED AS SPECIFIED IN SECTION 204 OF THE LATEST STANDARD SPECIFICATIONS FOR CONSTRUCTION MATERIALS.
2. ALL EXCAVATION ON THIS PROJECT SHALL BE CONSIDERED CLASS I OR CLASS I-A.

SHA TRACKING NO. 21APMO08XX

DT-01

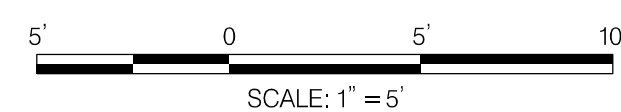
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

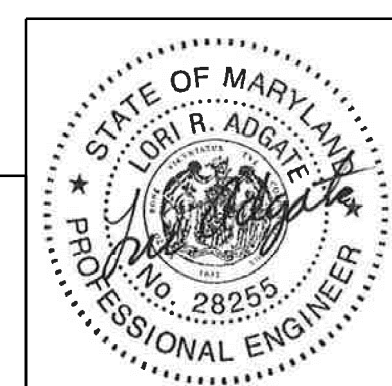
PAVING DETAILS

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_  
 Designed by : \_\_\_\_\_ Drawn by : \_\_\_\_\_ Checked by : \_\_\_\_\_

SCALE : \_\_\_\_\_ DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 06 of 157



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

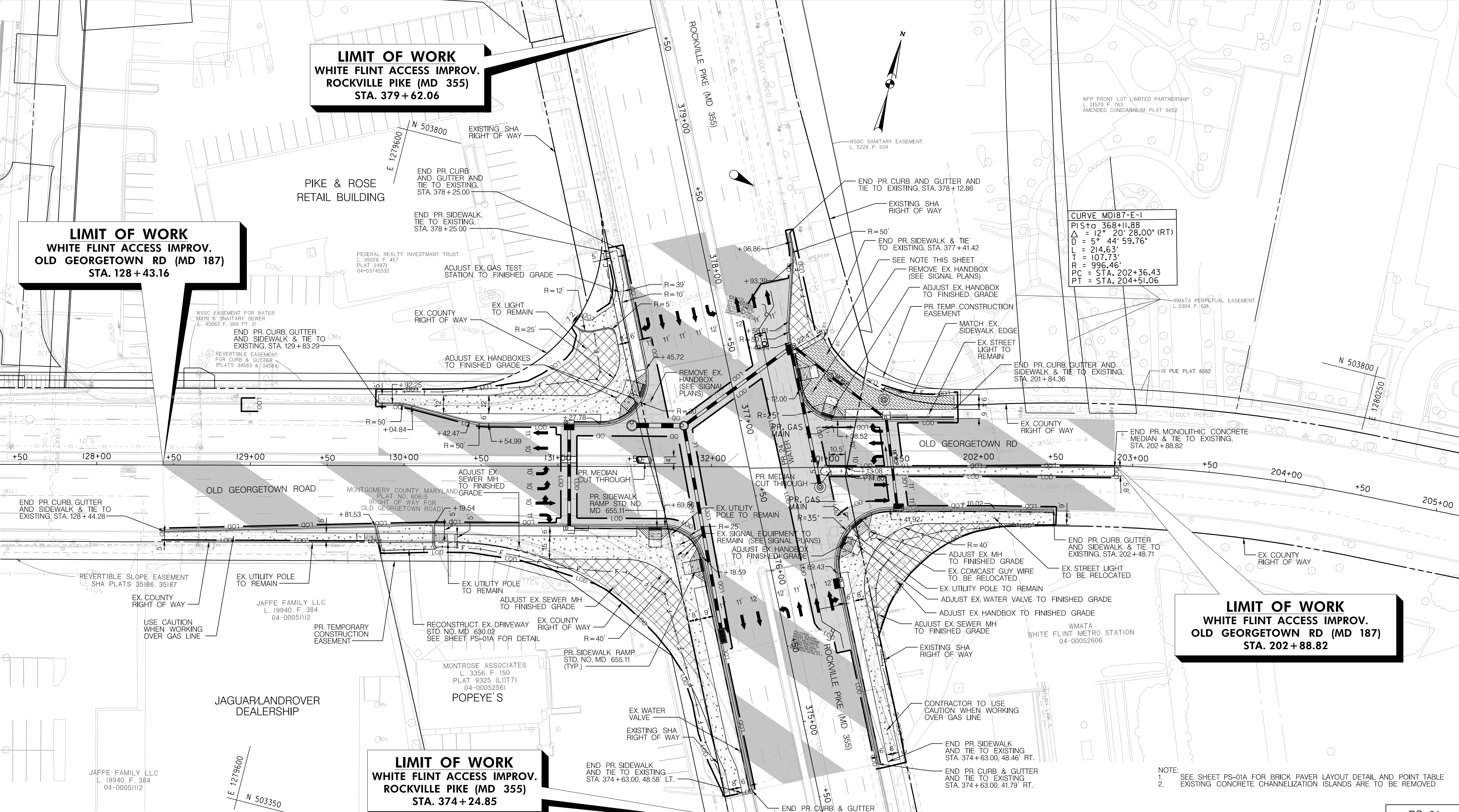
**LIMIT OF WORK**  
**WHITE FLINT ACCESS IMPROV.**  
**ROCKVILLE PIKE (MD 355)**  
**STA. 379 + 62.06**

**LIMIT OF WORK**  
**WHITE FLINT ACCESS IMPROV.**  
**OLD GEORGETOWN RD (MD 187)**  
**STA. 128 + 43.16**

**LIMIT OF WORK**  
**WHITE FLINT ACCESS IMPROV.**  
**OLD GEORGETOWN RD (MD 187)**  
**STA. 202 + 88.82**

**LIMIT OF WORK**  
**WHITE FLINT ACCESS IMPROV.**  
**ROCKVILLE PIKE (MD 355)**  
**STA. 374 + 24.85**

**CURVE MD187-E-1**  
 PIS+0 368+11.88  
 $\Delta = 12^\circ 20' 28.00" (RT)$   
 $D = 5^\circ 44' 59.76"$   
 $L = 214.63'$   
 $T = 107.73'$   
 $R = 996.46'$   
 $PC = STA. 202+36.43$   
 $PT = STA. 204+51.06$



**LEGEND**

	FULL-DEPTH ASPHALT PAVEMENT
	MILL & OVERLAY
	REMOVAL OF EX. CURB, SIDEWALK, PAVEMENT
	CONCRETE MEDIAN AND CONCRETE SIDEWALK
	BRICK PAVERS
	EX. RIGHT OF WAY

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 28255    EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section    Date

APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering    Date

Designed by:    Drawn by:    Checked by:

PS-01

**WHITE FLINT METRO STATION**  
**ACCESS IMPROVEMENTS**  
**PHASE 2**

**ROADWAY PLAN**

SCALE : 1" = 30'    DATE : DECEMBER 2023

Project No. : 502106    SHEET 07 of 157

12/15/2023 U:\2026213204\700 CADD\701 Sheet\Phase 2\pHD-0001\_WFMetro.dgn

DETECTABLE WARNING SURFACE (STD. NO. MD 655.40)				
CONSTRUCTION	STA./OFFSET	QUANTITY (SF)	REMARKS	
MD 355	376+13.42 / 42.55' LT	16	MD SHA STD. NO. 655.40	
MD 187 W	131+63.45 / 39.45' RT	16	MD SHA STD. NO. 655.40	
MD 187 W	131+49.70 / 37.72' LT	16	MD SHA STD. NO. 655.40	
MD 355	377+32.16 / 56.42' LT	16	MD SHA STD. NO. 655.40	
MD 355	377+21.20 / 43.52' RT	16	MD SHA STD. NO. 655.40	
MD 187 E	201+01.28 / 32.67' LT	16	MD SHA STD. NO. 655.40	
MD 187 W	201+19.37 / 36.37' RT	16	MD SHA STD. NO. 655.40	
MD 355	376+10.28 / 49.46' RT	16	MD SHA STD. NO. 655.40	

BRICK SIDEWALK PAVERS (MC DOT STD. NO. III.02)				
CONSTRUCTION	STA./OFFSET	QUANTITY (SF)	REMARKS	
MD 187 E	201+84.36 / 36.54' LT	1,795	MATCH BRICK PAVEMENT TYPE AND PATTERN OF THE STERLING AT THE METRO	

5 INCH CONCRETE SIDEWALK				
BL/BEGIN STA./OFFSET	BL/END STA./OFFSET	QUANTITY (SF)	REMARKS	
MD 187 W / 129+83.29 / 41.07' LT	MD 355 / 378+25.00 / 55.02' LT	3,045	NW QUADRANT	
MD 187 W / 128+44.29 / 43.78' RT	MD 355 / 374+63.02 / 48.58' LT	4,578	SW QUADRANT	
MD 355 / 377+23.23 / 43.52' RT	MD 187 E / 201+13.49 / 31.40' LT	401	NE QUADRANT	
MD 355 / 374+63.00 / 48.46' RT	MD 187 E / 202+48.70 / 30.17' RT	2,895	SE QUADRANT	

STANDARD TYPE 'A' COMBINATION CURB & GUTTER (STD. NO. MD 620.02)					
CONSTRUCTION	BEGIN STA./OFFSET	END STA./OFFSET	QUANTITY (LF)	REMARKS	
MD 355 / MD 187 W	374+63.00 / 41.91' LT	130+21.13 / 53.49' LT	356	MD SHA STD. NO. 620.02	
MD 187 W	130+18.54 / 38.59' RT	129+82.55 / 39.54' RT	36	MD SHA STD. NO. 620.02	
MD 187 W	129+85.19 / 55.33' RT	128+44.28 / 43.11' RT	154	MD SHA STD. NO. 620.02	
MD 187 W / MD 355	129+83.29 / 40.40' LT	378+25.00 / 52.15' LT	279	MD SHA STD. NO. 620.02	
MD 355 / MD 187 E	377+41.72 / 52.66' LT	201+84.28 / 29.87' LT	212	MD SHA STD. NO. 620.02	
MD 187 E / MD 355	202+48.71 / 29.50' RT	374+63.00 / 41.79' RT	295	MD SHA STD. NO. 620.02	

SIDEWALK RAMPS - PERPENDICULAR (MD SHA STD. NO. 655.11)				
CONSTRUCTION	BEGIN STA. / OFFSET	QUANTITY (EA)	REMARKS	
MD 355	376+13.42 / 42.55' LT	1	8 FT MD SHA STD. NO. 655.11	
MD 187 W	131+63.45 / 39.45' RT	1	8 FT MD SHA STD. NO. 655.11	
MD 187 W	131+49.70 / 37.72' LT	1	8 FT MD SHA STD. NO. 655.11	
MD 355	377+32.16 / 56.42' LT	1	8 FT MD SHA STD. NO. 655.11	
MD 355	377+21.20 / 43.52' RT	1	8 FT MD SHA STD. NO. 655.11	
MD 187 E	201+01.28 / 32.67' LT	1	8 FT MD SHA STD. NO. 655.11	
MD 187 E	201+19.37 / 36.37' RT	1	8 FT MD SHA STD. NO. 655.11	
MD 355	376+10.28 / 49.46' RT	1	8 FT MD SHA STD. NO. 655.11	

6 INCH PERFORATED CIRCULAR PIPE LONGITUDINAL UNDERDRAIN (MD SHA STD. NO. 387.11-01)					
CONSTRUCTION	BEGIN STA. / OFFSET	END STA. / OFFSET	QUANTITY (LF)	REMARKS	OUTLET
MD 355 / MD 187 W	374+63.02 / 43.58' LT	128+44.32 / 44.78' RT	246	MD SHA STD. NO. 387.11-01	I-3, I-4A
MD 355 / MD 187 E	378+12.85 / 58.69' RT	201+84.30 / 31.54' LT	126	MD SHA STD. NO. 387.11-01	I-11A, I-24A
MD 187 E / MD 355	202+48.68 / 31.17' RT	374+63.00 / 42.94' RT	286	MD SHA STD. NO. 387.11-01	I-12A, I-25
MD 187 W / MD 187 W	131+10.50 / 29.00' LT	131+46.07 / 35.60' LT	37	MD SHA STD. NO. 387.11-01	I-1B

8 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR DRIVEWAY MIX NO.9 (MD SHA STD. NO. 630.02)				
CONSTRUCTION	STA./OFFSET	QUANTITY (SY)	REMARKS	
MD 187 W	130+00.55 / 39.06' RT	60	MD SHA STD. NO. 630.02	

MONOLITHIC CONCRETE MEDIAN TYPE A-1 (MD SHA STD. NO. 645.01)					
CONSTRUCTION	BEGIN STA. / OFFSET	END STA. / OFFSET	QUANTITY (LF)	REMARKS	
MD 187 E	200+97.06 / 2.57' RT	202+88.59 / 3.83' RT	192	MD SHA STD. NO. 645.01	
MD 187 W	131+53.76 / 6.22' LT	131+63.20 / 6.44' LT	8	MD SHA STD. NO. 645.01	
MD 187 W	131+01.93 / 4.34' LT	131+12.35 / 4.33' LT	11	MD SHA STD. NO. 645.01	

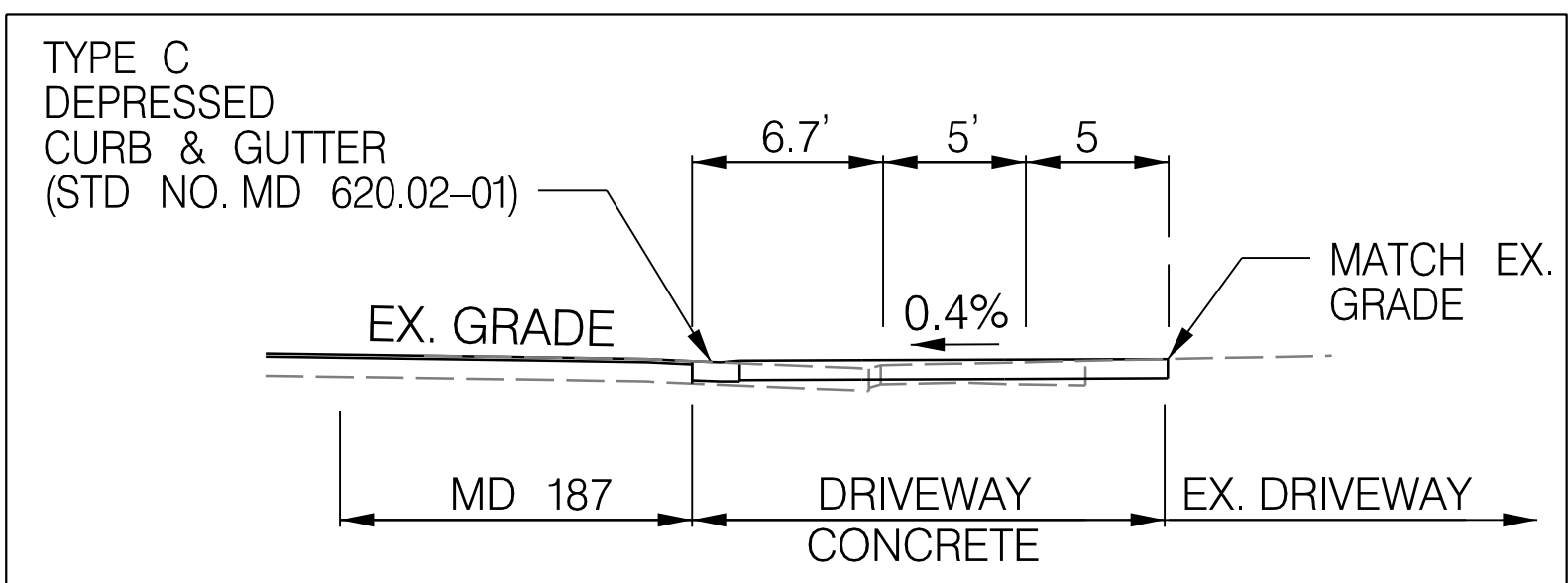
BRICK PAVEMENT LAYOUT POINT TABLE		
POINT NUMBER	NORTHING	EASTING
1	503720.5850	1279987.3365
2	503714.0313	1279942.4904
3	503711.0894	1279942.2745
4	503735.6048	1279896.0416
5	503720.7466	1279879.5696
6	503718.7923	1279880.5300
7	503697.4340	1279891.1874
8	503689.5428	1279899.3335
9	503694.6570	1279907.0820
10	503694.3339	1279915.0754
11	503693.9460	1279921.0595
12	503711.4561	1279889.6664
13	503688.1324	1279922.5432
14	503715.1406	1279891.2382
15	503707.9607	1279894.7664

STANDARD TYPE 'A' CURB (STD. NO. MD 620.02)					
CONSTRUCTION	BEGIN STA./OFFSET	END STA./OFFSET	QUANTITY (LF)	REMARKS	
MD 355	377+83.33 / 92.26' LT	377+72.22 / 66.97' LT	30	MD SHA STD. NO. 620.02	
MD 355	376+14.27 / 53.04' RT	376+09.85 / 57.10' RT	8	MD SHA STD. NO. 620.02	
MD 355	376+17.15 / 56.48' RT	376+12.50 / 60.29' RT	8	MD SHA STD. NO. 620.02	

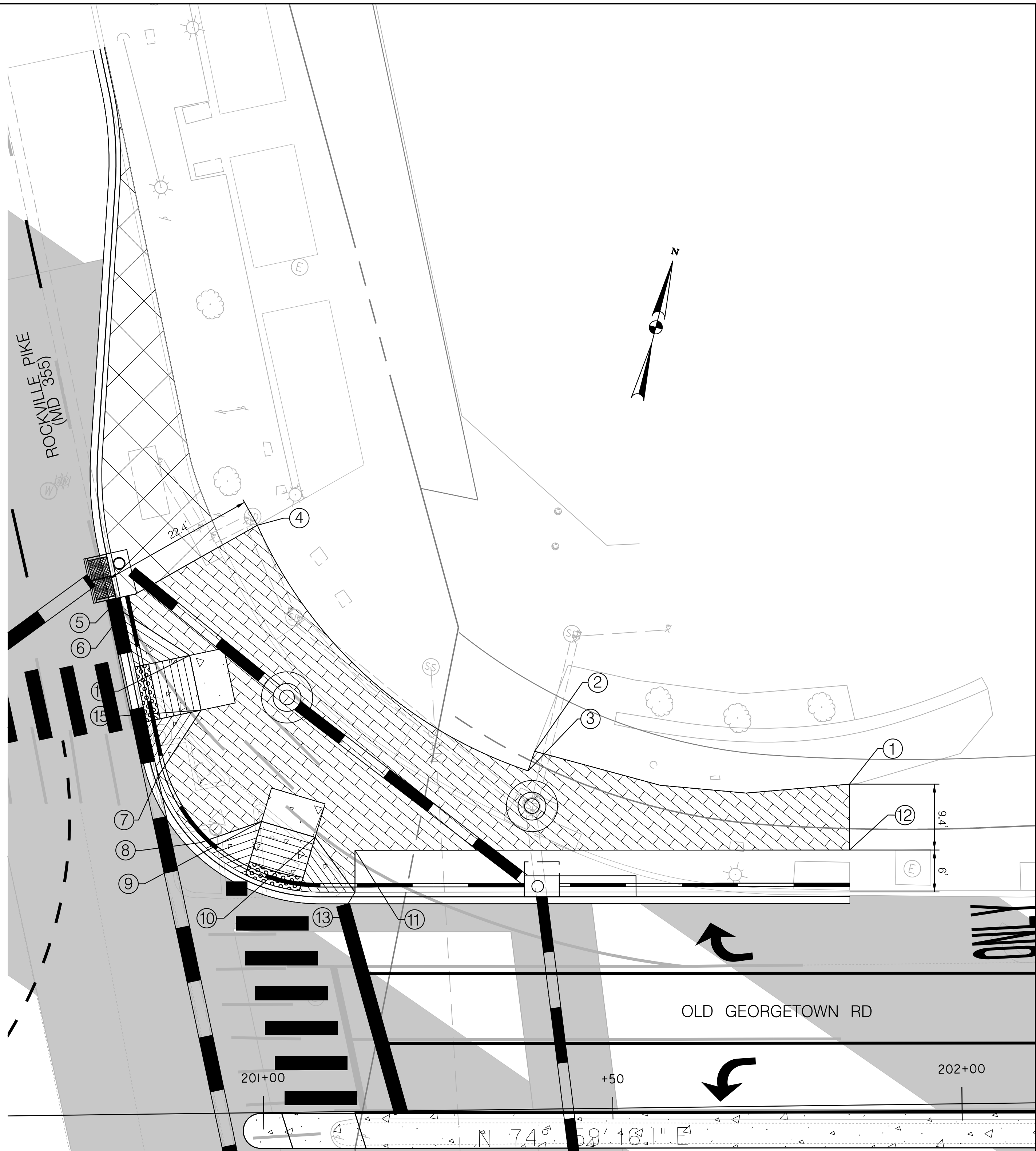
REMOVAL OF EXISTING COMBINATION CURB & GUTTER (ITEM 2004)					
CONSTRUCTION	BEGIN STA./OFFSET	END STA./OFFSET	QUANTITY (LF)	REMARKS	
MD 355 / MD 187 W	375+52.60 / 59.56' LT	131+07.86 / 60.37' RT	105	SW QUADRANT	
MD 187 E / MD 355	130+79.96 / 46.01' LT	377+75.29 / 68.90' LT	60	NW QUADRANT	
MD 355 / MD 187 E	378+12.85 / 57.78' RT	377+39.70 / 59.44' RT	80	NE QUADRANT	
MD 187 E / MD 355	201+83.60 / 37.79' RT	375+58.54 / 56.43' RT	85	SE QUADRANT	

REMOVAL OF EXISTING SIDEWALK (ITEM 2007)					
CONSTRUCTION	BEGIN STA./OFFSET	END STA./OFFSET	QUANTITY (CY)	REMARKS	
MD 355 / MD 187 W	375+39.79 / 59.56' LT	131+07.86 / 60.37' RT	22	SW QUADRANT	
MD 187 W / MD 355	130+57.15 / 46.04' LT	377+75.29 / 68.90' LT	22	NW QUADRANT	
MD 187 E / MD 355	202+33.15 / 39.15' RT	375+38.08 / 56.61' RT	36	SE QUADRANT	

REMOVAL OF EXISTING PAVEMENT (ITEM 2006)					
CONSTRUCTION	BEGIN STA./OFFSET	END STA./OFFSET	QUANTITY (CY)	REMARKS	
MD 355 / MD 187 W	375+54.33 / 59.56' LT	131+09.65 / 60.37' RT	115	SW QUADRANT	
MD 187 W / MD 355	130+82.13 / 46.01' LT	377+75.29 / 68.90' LT	72	NW QUADRANT	
MD 355 / MD 187 E	378+12.85 / 57.78' RT	377+34.71 / 43.55' RT	40	NE QUADRANT	
MD 187 E / MD 355	201+81.64 / 37.76' RT	375+60.20 / 56.43' RT	75	SE QUADRANT	



DRIVEWAY DETAIL  
 OLD GEORGETOWN RD (MD 187)  
 STA. 130+00.05 RT  
 (SEE STD. MD-630.02)  
 N.T.S.

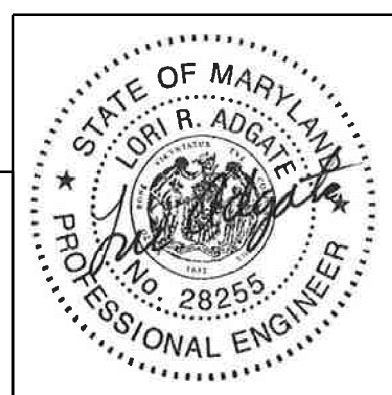


BRICK PAVEMENT LAYOUT  
 SCALE 1" = 10'

12/15/2023 U:\2026213204\700 CAD\701\_Sheet\Phase 2\pHD-0001A\_WF\Metro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_  
 Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

PS-01A

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

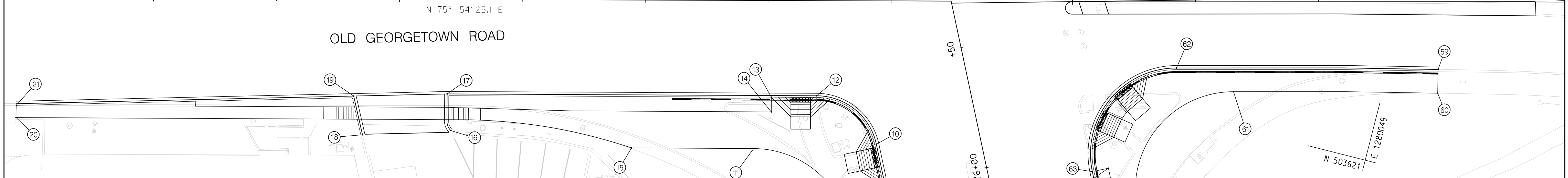
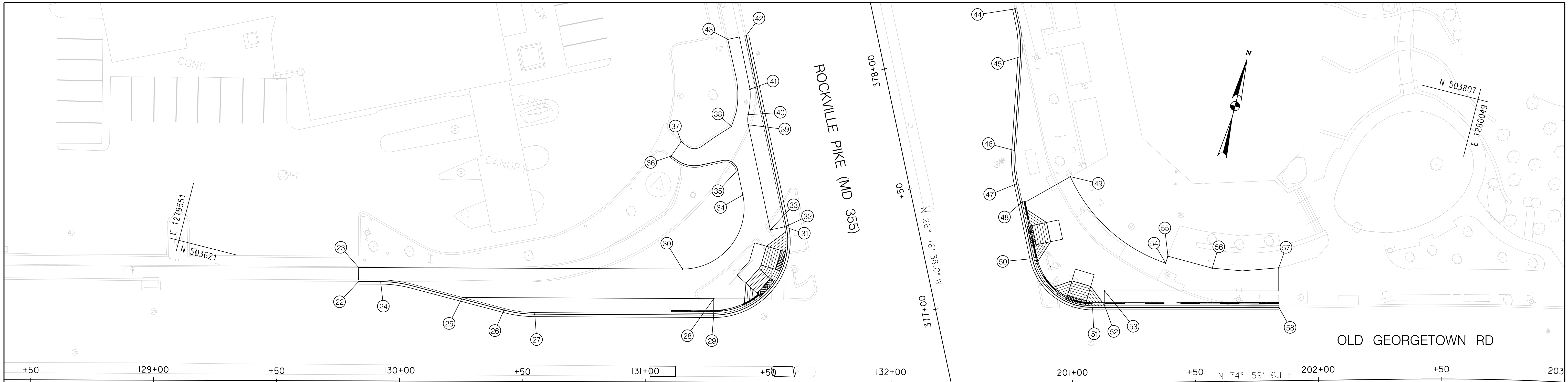
ROADWAY CONSTRUCTION NOTES

SCALE: \_\_\_\_\_ DATE: DECEMBER 2023

Project No.: 502106 SHEET 08 of 157

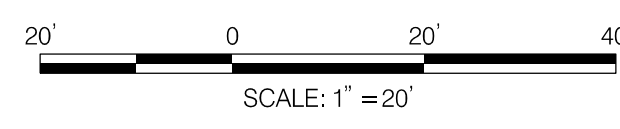


12/15/2023  
 UA\2026213204\700\_CADD\701\_Sheet\Phase 2\pHD-D001\_WFMeTrc.dgn

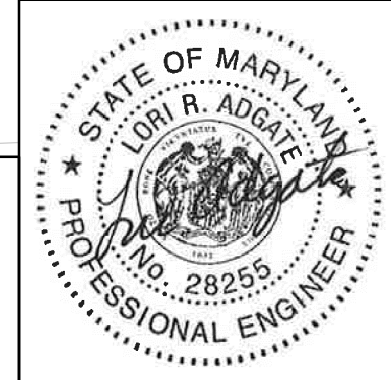


\*NOTE: ELEVATIONS REPRESENT TOP OF CURB

POINT NO.	EASTING	NORTHING	ELEVATION	NOTES	POINT NO.	EASTING	NORTHING	ELEVATION	NOTES
1	1279923.8141'	503438.0961'	400.46	MATCH EX. FROM PHASE 1	34	1279768.7484'	503695.5005'	399.65	
2	1279910.3665'	503432.2038'	400.96	MATCH EX. FROM PHASE 1	35	1279764.1670'	503704.8454'	400.16	TOP OF CURB
3	1279904.4568'	503444.1801'	401.24		36	1279736.5694'	503703.6143'	398.33	MATCH EX.
4	1279911.6309'	503447.7202'	401.40		37	1279739.1001'	503710.3772'	398.51	MATCH EX.
5	1279897.8269'	503468.9150'	401.21		38	1279757.3893'	503721.3521'	399.10	
6	1279890.6528'	503465.3749'	401.37		39	1279763.8212'	503723.7245'	399.04	
7	1279852.2970'	503543.1045'	401.03		40	1279762.8106'	503727.6702'	399.04	
8	1279854.4944'	503556.7300'	400.80		41	1279760.9405'	503737.9590'	398.98	
9	1279862.5653'	503560.7126'	400.62		42	1279754.0833'	503758.7325'	398.7	MATCH EX. TOP OF CURB
10	1279854.6768'	503578.2056'	399.94		43	1279747.1891'	503755.3526'	399.14	MATCH EX. SIDEWALK
11	1279806.7460'	503564.2151'	399.61		44	1279857.3576'	503796.1795'	398.74	MATCH EX. TOP OF CURB
12	1279826.2074'	503591.3997'	399.31		45	1279864.2828'	503777.8924'	399.02	
13	1279808.5013'	503586.2962'	399.46		46	1279871.2709'	503740.3172'	399.41	
14	1279809.9534'	503580.4746'	399.57		47	1279875.5535'	503727.4077'	399.57	
15	1279758.5204'	503552.1864'	397.96		48	1279879.5696'	503720.7466'	399.54	
16	1279685.5311'	503540.9359'	395.36	MATCH EX. TOP OF CURB	49	1279896.0416'	503735.6048'	399.55	MATCH EX.
17	1279680.3528'	503555.0199'	395.54		50	1279889.2877'	503699.4588'	399.85	
18	1279651.1147'	503530.3961'	394.67	MATCH EX. TOP OF CURB	51	1279917.9074'	503686.2611'	399.75	AT RAMP
19	1279643.7301'	503544.8093'	394.61		52	1279922.5432'	503688.1324'	400.34	
20	1279512.8164'	503502.4304'	391.28	MATCH EX.	53	1279921.0595'	503693.9460'	400.36	
21	1279511.6498'	503507.2924'	391.02	MATCH EX.	54	1279942.2745'	503711.0894'	400.26	MATCH EX.
22	1279625.9626'	503622.7792'	394.40	MATCH EX.	55	1279942.4904'	503714.0313'	400.36	MATCH EX.
23	1279624.5608'	503628.3647'	394.54	MATCH EX.	56	1279961.1345'	503713.7464'	401.25	MATCH EX.
24	1279634.6583'	503624.9614'	394.60		57	1279987.3365'	503720.5850'	402.67	MATCH EX.
25	1279668.4631'	503626.9474'	395.97		58	1279991.3151'	503704.9965'	402.45	MATCH EX. TOP OF CURB
26	1279686.1458'	503626.1282'	396.30		59	1280068.5942'	503664.1708'	404.01	MATCH EX. TOP OF CURB
27	1279698.6774'	503627.6126'	396.75		60	1280070.8211'	503654.7641'	404.16	MATCH EX.
28	1279767.6936'	503651.6979'	398.81		61	1279990.1843'	503634.8721'	401.79	
29	1279769.3070'	503645.2294'	398.68		62	1279965.2986'	503638.4973'	400.85	
30	1279752.3511'	503660.2388'	398.74		63	1279942.5759'	503589.0789'	400.59	
31	1279788.4378'	503687.1421'	399.39		64	1279948.5527'	503592.0324'	400.65	
32	1279788.9837'	503687.5435'	399.39		65	1279964.2156'	503578.3940'	400.92	
33	1279783.0506'	503684.5010'	399.50		66	1279998.8800'	503475.1375'	401.10	MATCH EX. FROM PHASE 1
					67	1280011.7357'	503482.2284'	401.38	MATCH EX. FROM PHASE 1



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

SHA TRACKING NO. 21APM0008XX ID-01

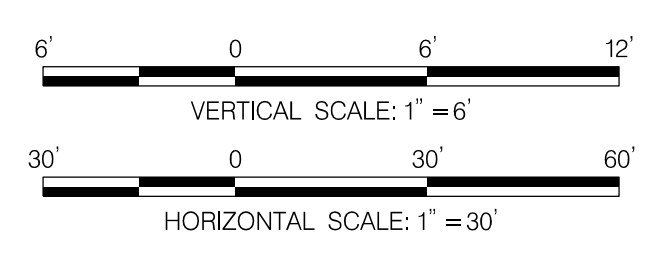
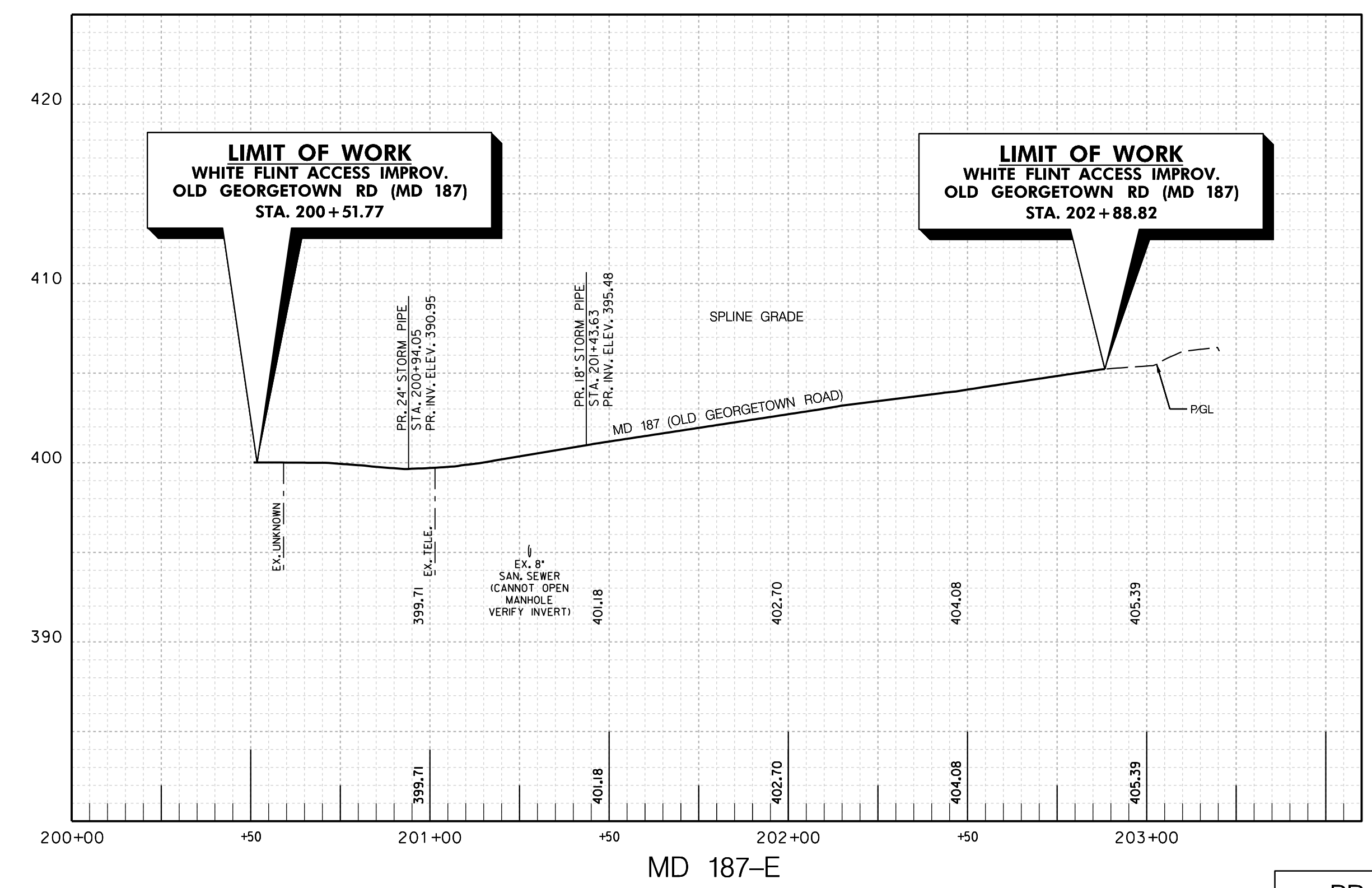
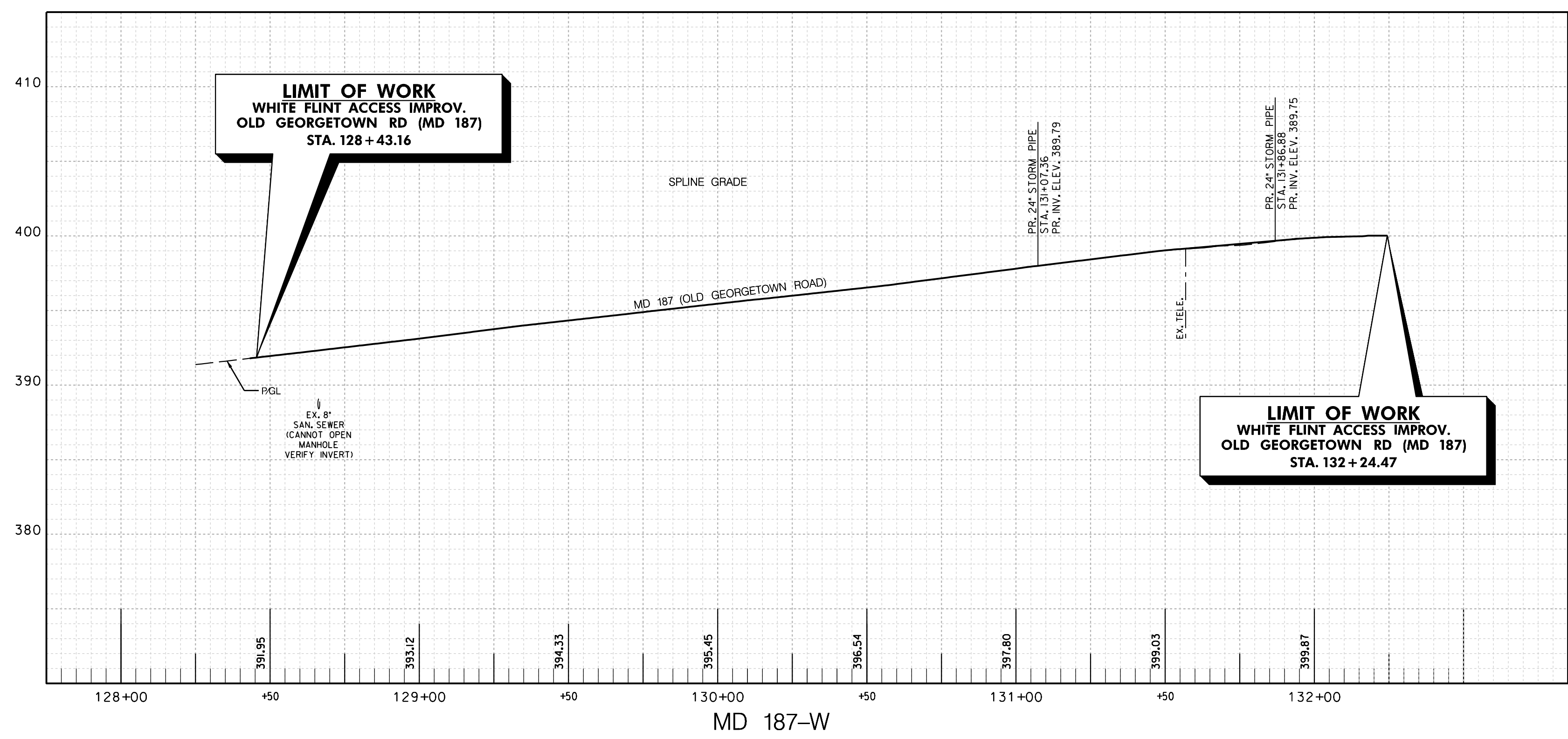
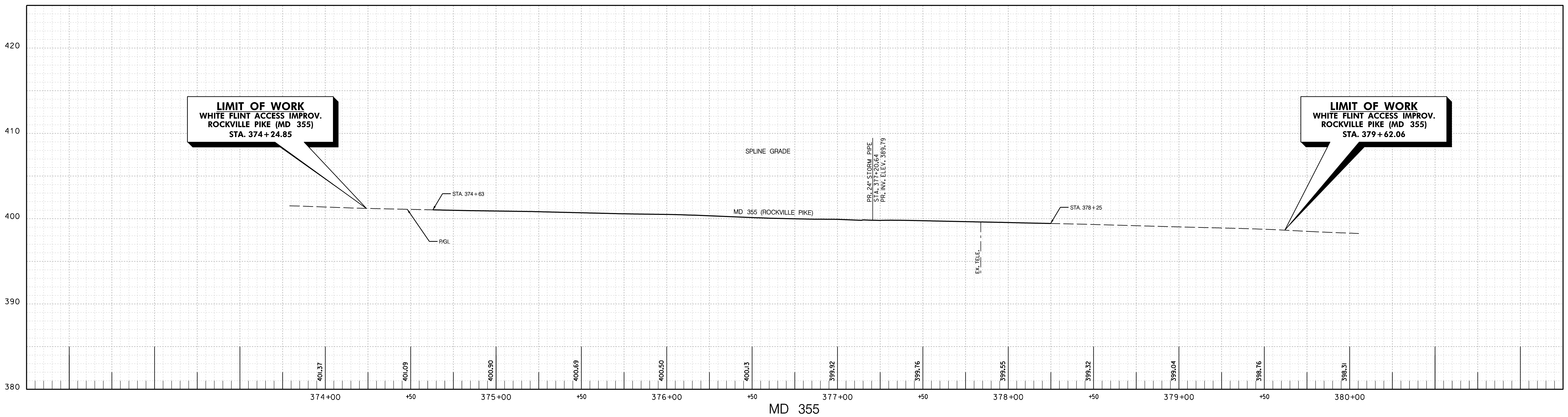
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

INTERSECTION DETAIL

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 09 of 157

12/15/2023  
 UA\2026213204\700\_CADD\701\_Sheet\Phase 2\pHP-V001\_WF\Metro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

PR-01

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

ROADWAY PROFILES

SCALE : H 1" = 30'; V 1" = 6' DATE : DECEMBER 2023

Project No. : 502106 SHEET 10 of 157

STRUCTURE SCHEDULE						
STRUCTURE	STATION	OFFSET	TYPE	TOP ELEV.	INV. OUT	STANDARD
MH-1A	131+48.16'	26.70' LT	72" DIA. MANHOLE	398.78	388.23	MD 384.05
I-1B	131+05.71'	28.44' LT	STD. WRM INLET	398.21	386.73	MD 374.05
I-3	131+05.91'	40.18' RT	15' COG INLET	398.04	395.31	MD 374.51
I-4A	375+65.47'	39.84' LT	TRIPLE WR INLET	400.13	395.28	MD 374.08
I-11A	377+40.18'	44.40' RT	STD. WRM INLET	399.46	392.23	MD 374.05
MH-11B	377+04.45'	35.96' LT	60" DIA. MANHOLE	399.50	388.47	MD-384.03
I-12A	375+84.86'	42.93' RT	STD. WRM INLET	400.65	396.69	MD 374.05
MH-12	376+47.02'	42.42' RT	48" DIA. MANHOLE	399.62	391.06	MD 383.21
MH-23A	377+16.42'	63.93' RT	48" DIA. MANHOLE	399.67	390.77	MD 383.21
MH-24	201+38.97'	43.41' LT	48" DIA. MANHOLE	400.25	395.74	MD 383.21
I-24A	201+39.64'	31.91' LT	15' COG INLET	400.77	396.12	MD 374.51
I-25	201+38.66'	26.27' RT	STD. WR INLET	401.02	396.51	MD 374.04

NOTE:  
 1) MANHOLE STATIONS AND OFFSETS ARE MEASURED AT THE CENTER OF STRUCTURE  
 2) COG INLET STATIONS AND OFFSETS ARE MEASURED AT THE CENTER OF THE MANHOLE OPENING  
 3) STD. WRM INLETS ARE MEASURED AT THE CENTER OF THE MANHOLE OPENING  
 4) GRATE INLETS AND STD. WR ARE MEASURED AT THE CENTER OF GRATE

PIPE SCHEDULE							
STRUCTURE TO STRUCTURE	SIZE	TYPE	CLASS	LENGTH	INV. IN	INV. OUT	
I-3	I-1B	24"	RCP	IV	63'	388.73	388.10
I-4A	MH-11B	24"	RCP	IV	132'	390.82	389.50
I-11A	MH-11B	24"	RCP	IV	81'	390.01	389.60
MH-11B	MH-1A	36"	RCP	IV	28'	388.47	388.33
I-25	I-24A	18"	RCP	IV	57'	396.51	396.22
I-24A	MH-23A	18"	RCP	IV	41'	395.12	394.71
MH-23A	I-11A	18"	RCP	IV	27'	390.77	390.50

\* CONNECT TO EXISTING PIPE



LEGEND	
[Symbol]	PROP. CONCRETE SIDEWALK / MEDIAN
[Symbol]	PROP. MILL & OVERLAY
[Symbol]	PROP. FULL DEPTH PAVEMENT
[Symbol]	PROP. PAVEMENT/SIDEWALK REMOVAL
[Symbol]	PROP. BRICK SIDEWALK
[Symbol]	PROP. STORM DRAIN PIPE
[Symbol]	PROP. CURB INLET
[Symbol]	PROP. GRATE INLET
[Symbol]	PROP. COMBINATION INLET
[Symbol]	PROP. MANHOLE

NOTE:  
 NO SWM IS PROPOSED FOR THIS PROJECT, PLEASE REFER TO SWM WAIVER AND SWM REPORT.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 25768 EXPIRATION DATE: 6/21/2025

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section Date

APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering Date

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

SC/SWM 02 OF 18 DD-01

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2  
 DRAINAGE & STORMWATER  
 MANAGEMENT PLAN

SCALE : 1" = 30' DATE : DECEMBER 2023

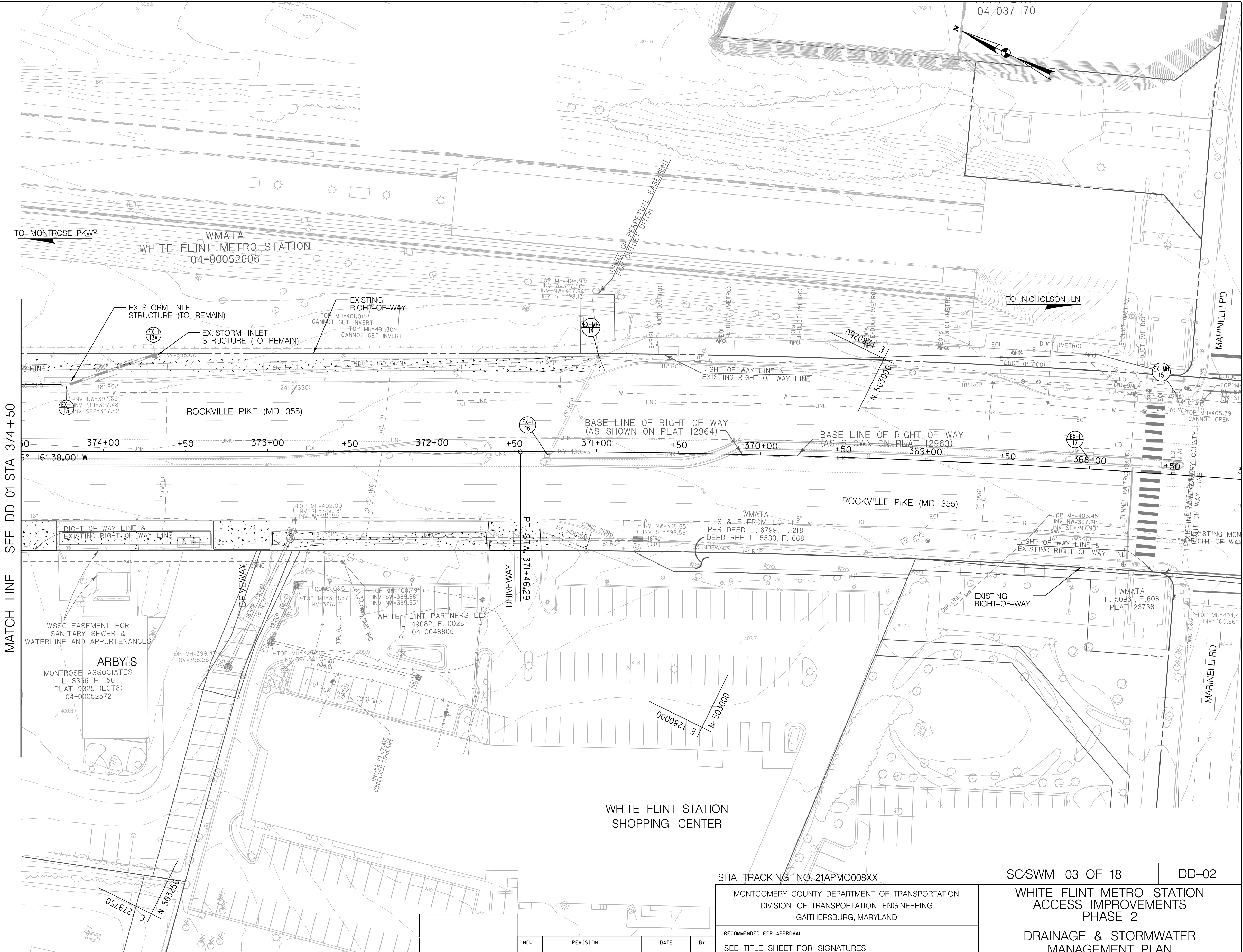
Project No. : 502106 SHEET 11 of 157

12/15/2023 U:\2026213204\700 CADD\701 Sheet\Phase 2\pdd-0001\_WFMetro.dgn

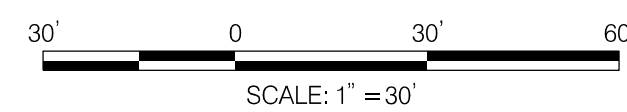
NOTES:  
 NO SWM IS PROPOSED FOR THIS PROJECT, PLEASE REFER TO SWM WAIVER AND SWM REPORT.

**LEGEND**

	PROP. CONCRETE SIDEWALK / MEDIAN
	PROP. MILL & OVERLAY
	PROP. FULL DEPTH PAVEMENT
	PROP. PAVEMENT/SIDEWALK REMOVAL
	PROP. BRICK SIDEWALK
	PROP. STORM DRAIN PIPE
	PROP. CURB INLET
	PROP. GRATE INLET
	PROP. COMBINATION INLET
	PROP. MANHOLE



12/15/2023  
 U:\2026213204\700 CADD\701 Sheet\Phase 2\pDD-0002-WFMetro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 25768 EXPIRATION DATE: 6/21/2025

NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

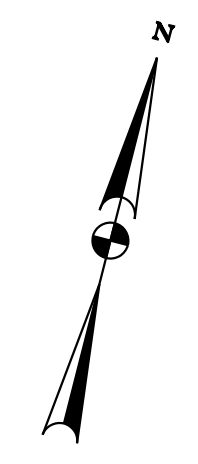
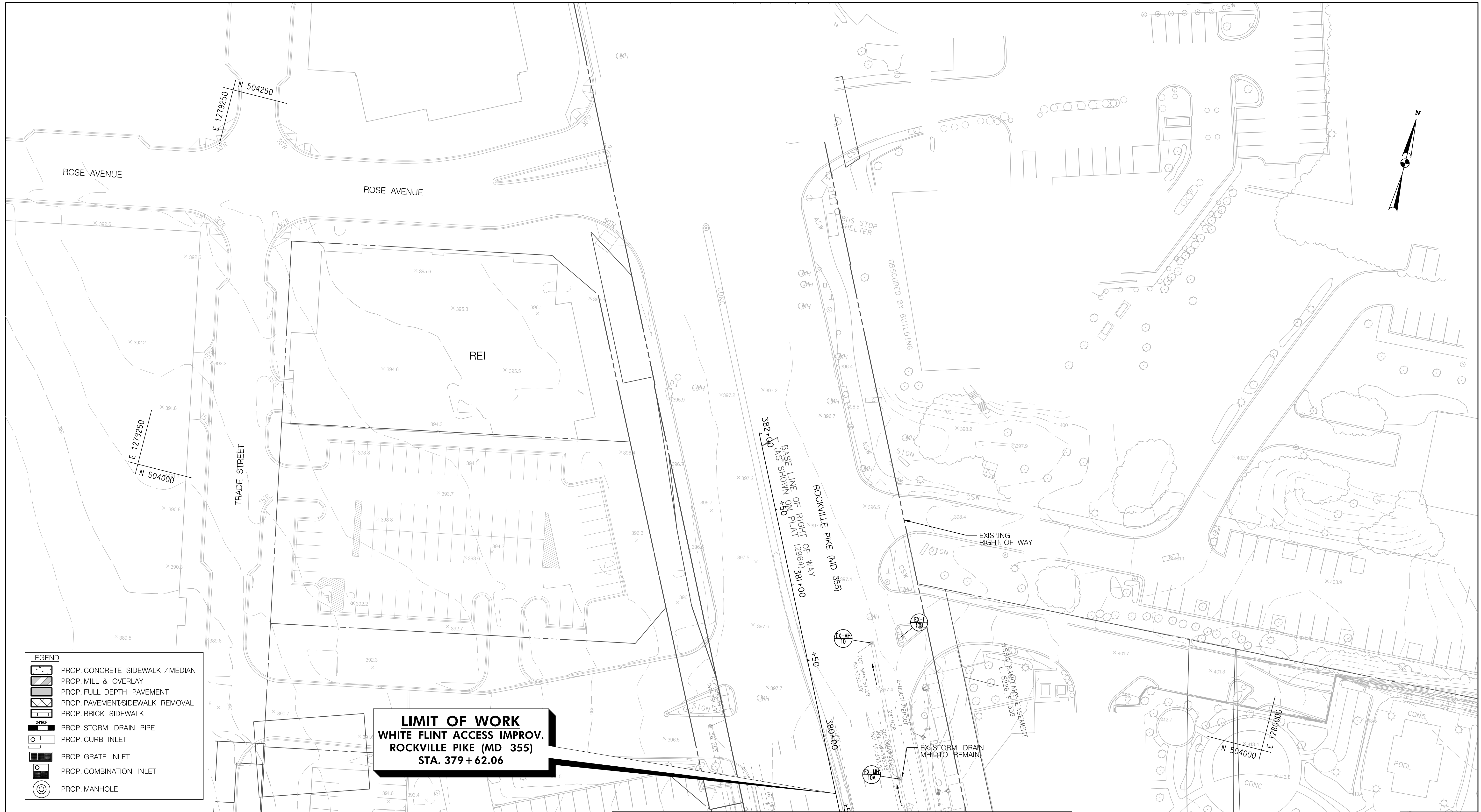
SC/SWM 03 OF 18 DD-02

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2  
 DRAINAGE & STORMWATER  
 MANAGEMENT PLAN

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 12 of 157

12/15/2023  
 U:\2026\213204\700 CADD\701 Sheet\Phase 2\pdd-0003\_WFMetro.dgn

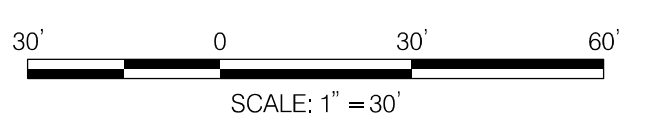


**LEGEND**

	PROP. CONCRETE SIDEWALK / MEDIAN
	PROP. MILL & OVERLAY
	PROP. FULL DEPTH PAVEMENT
	PROP. PAVEMENT/SIDEWALK REMOVAL
	PROP. BRICK SIDEWALK
	PROP. STORM DRAIN PIPE
	PROP. CURB INLET
	PROP. GRATE INLET
	PROP. COMBINATION INLET
	PROP. MANHOLE

**LIMIT OF WORK**  
 WHITE FLINT ACCESS IMPROV.  
 ROCKVILLE PIKE (MD 355)  
 STA. 379 + 62.06

**NOTES:**  
 NO SWM IS PROPOSED FOR THIS PROJECT, PLEASE REFER TO SWM WAIVER AND SWM REPORT.



MATCH LINE -- SEE DD-01 STA 379 + 50 SHA TRACKING NO. 21APMO008XX

SC/SWM 04 OF 18 DD-03



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 25768 EXPIRATION DATE: 6/21/2025

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section Date

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering Date

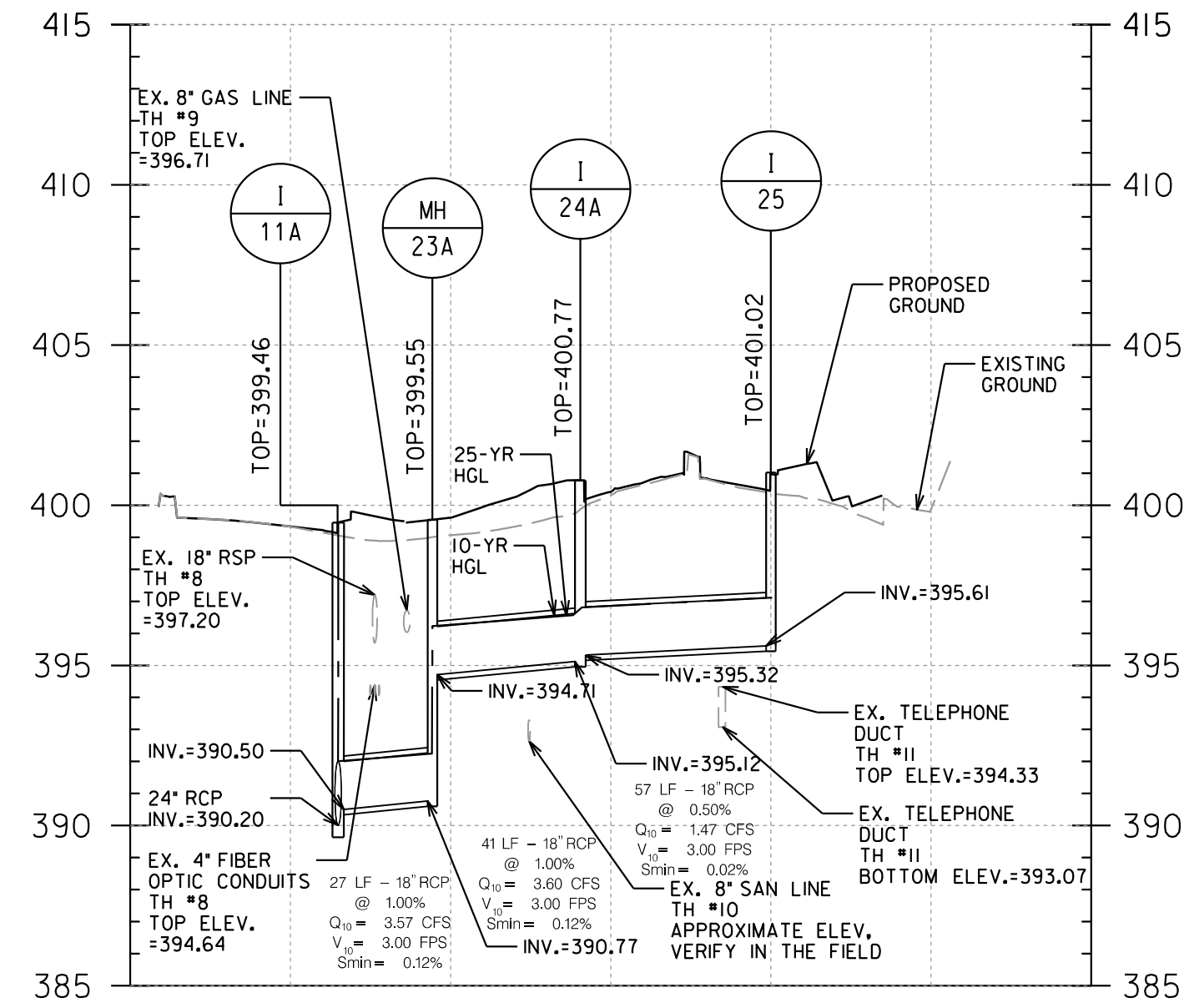
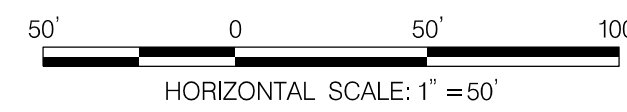
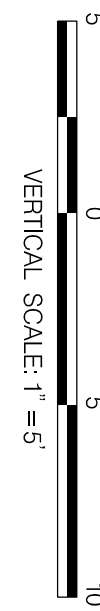
Designed by: Drawn by: Checked by:

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2  
 DRAINAGE & STORMWATER  
 MANAGEMENT PLAN

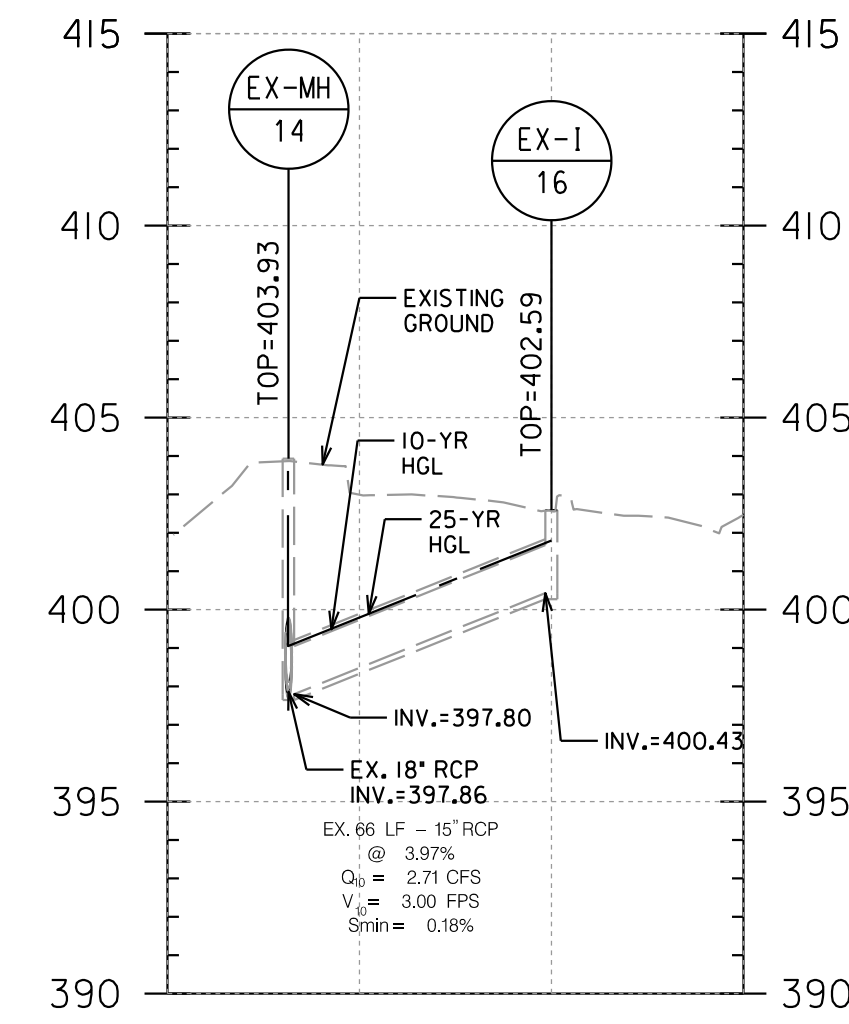
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 13 of 157

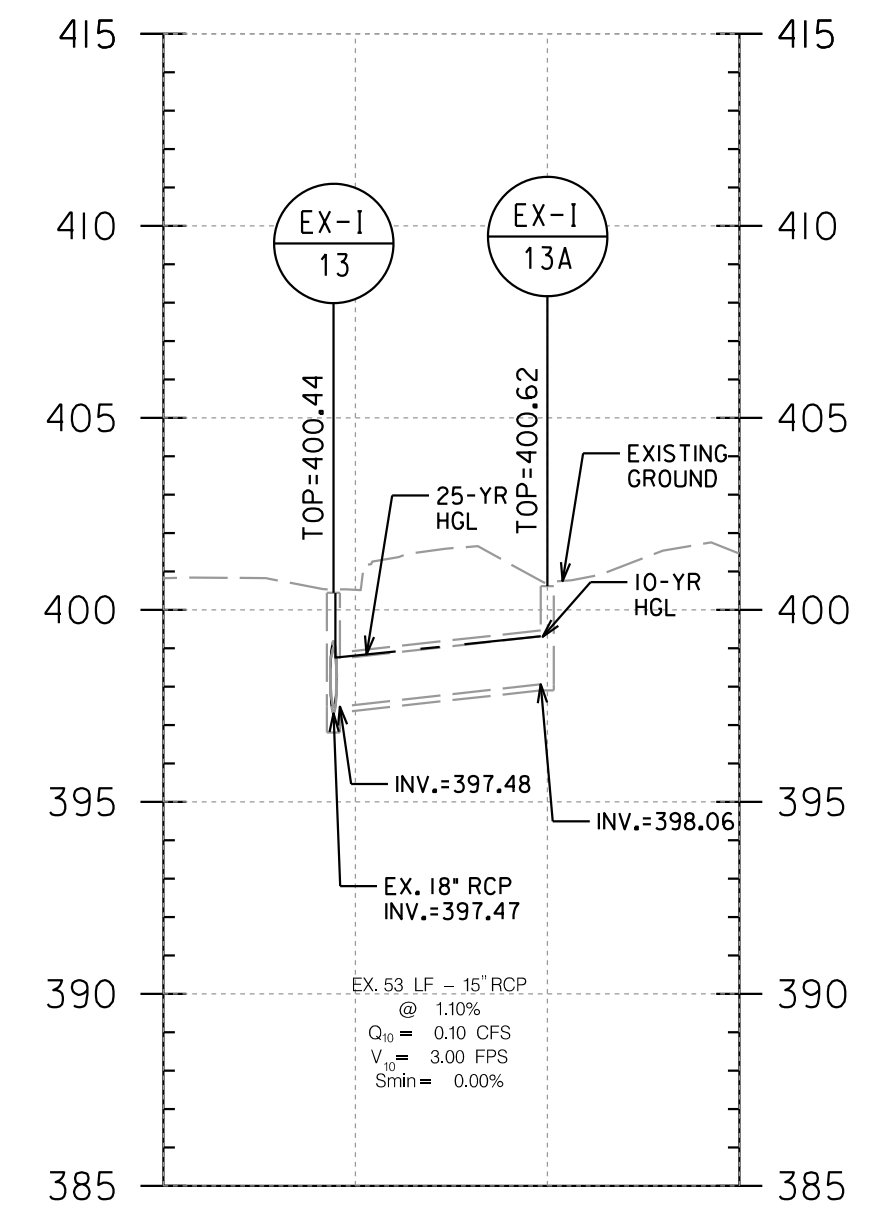
12/15/2023  
 U:\2026213204\700 CADD\701 Sheet\Phase 2\pdp-V001\_WFMetro.dgn



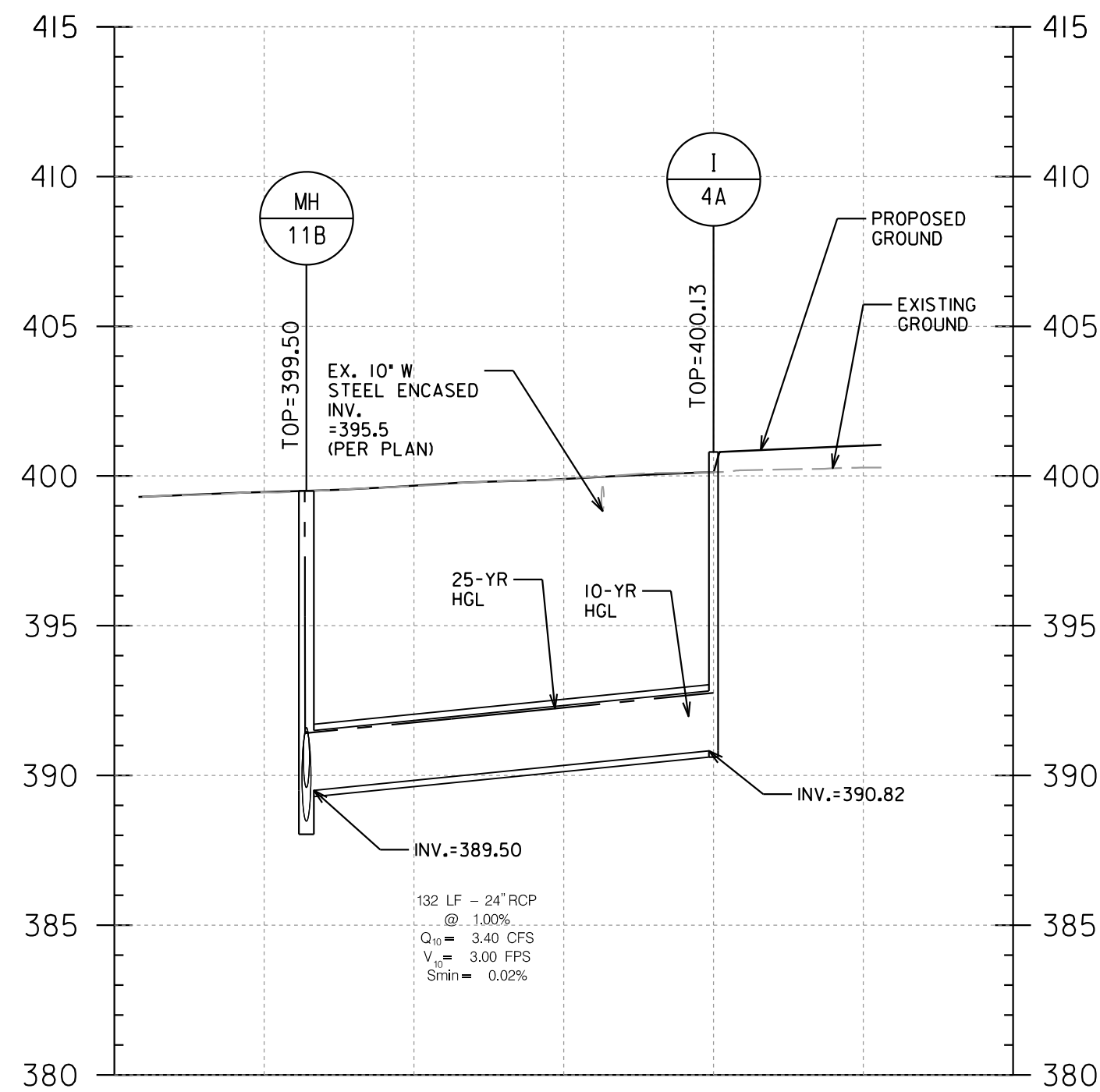
PIPE PROFILE FROM  
 I-25 TO I-11A  
 SEE SHEET DD-01



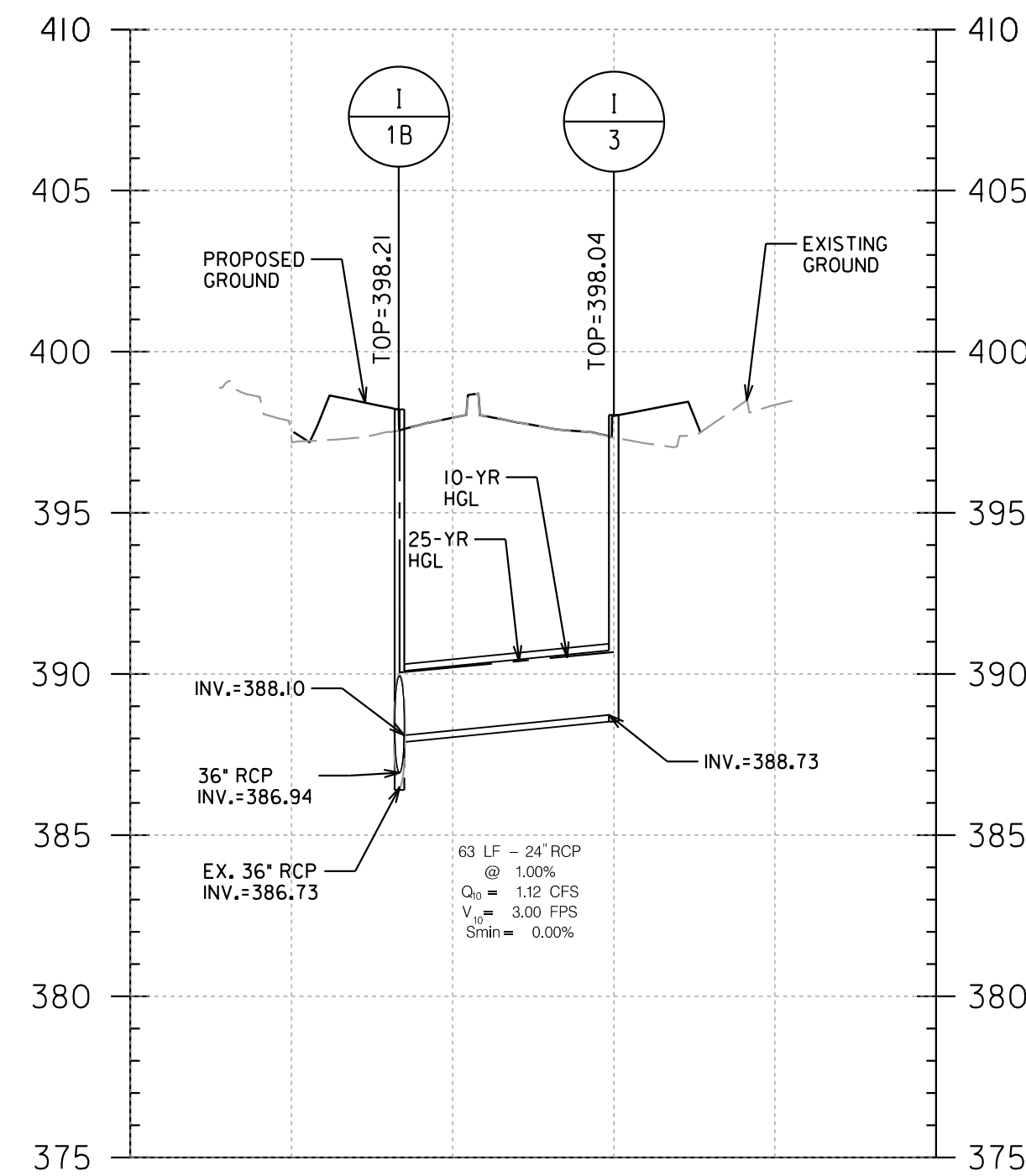
PIPE PROFILE FROM  
 EX-I-16 TO EX-MH-14  
 SEE SHEET DD-02



PIPE PROFILE FROM  
 EX-I-13A TO EX-I-13  
 SEE SHEET DD-02



PIPE PROFILE FROM  
 I-4 TO MH-11B  
 SEE SHEET DD-01



PIPE PROFILE FROM  
 I-3 TO I-1B  
 SEE SHEET DD-01

SHA TRACKING NO. 21APMO08XX

SC/SWM 05 OF 18

PP-01

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering  
 Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

PIPE PROFILES

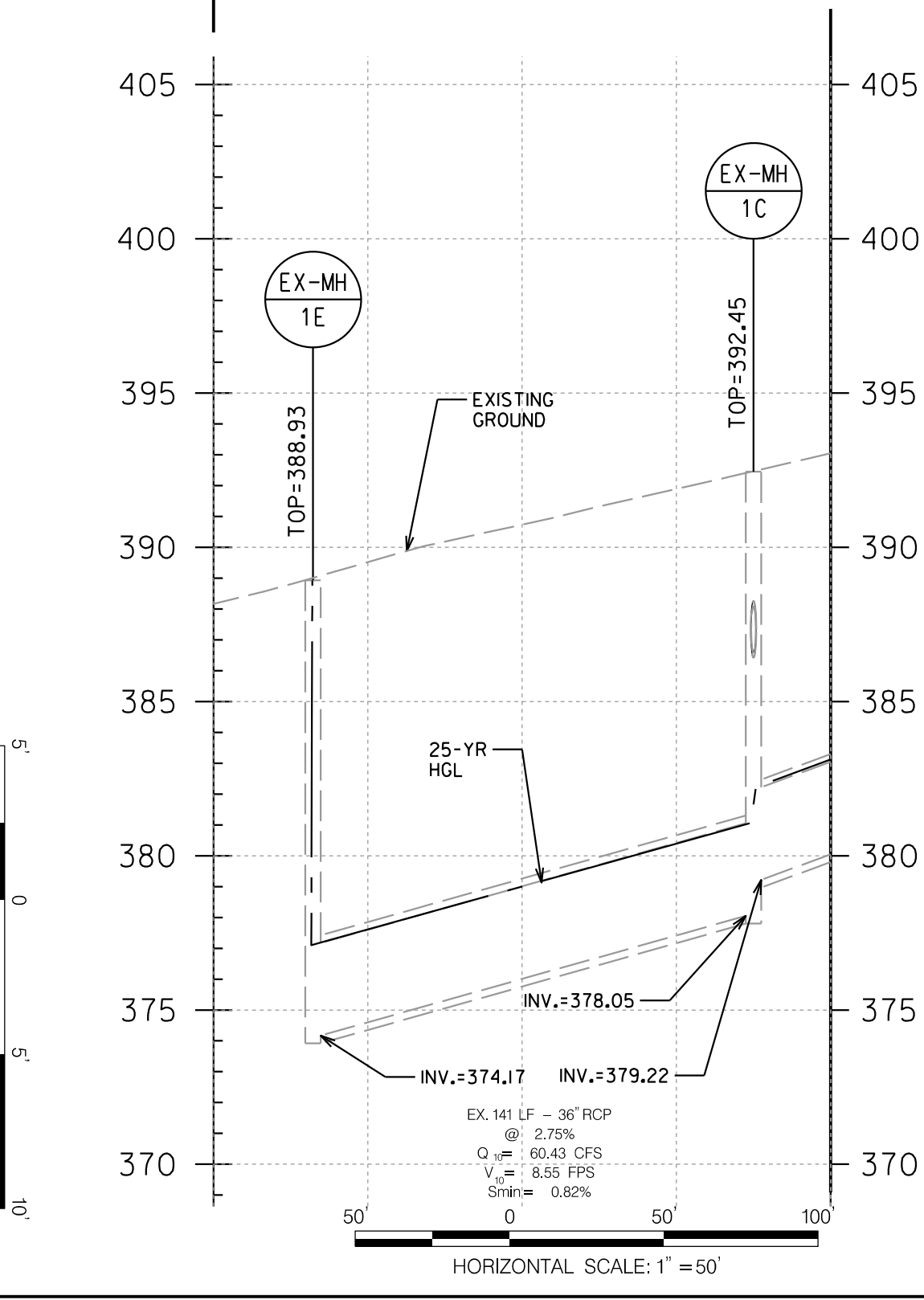
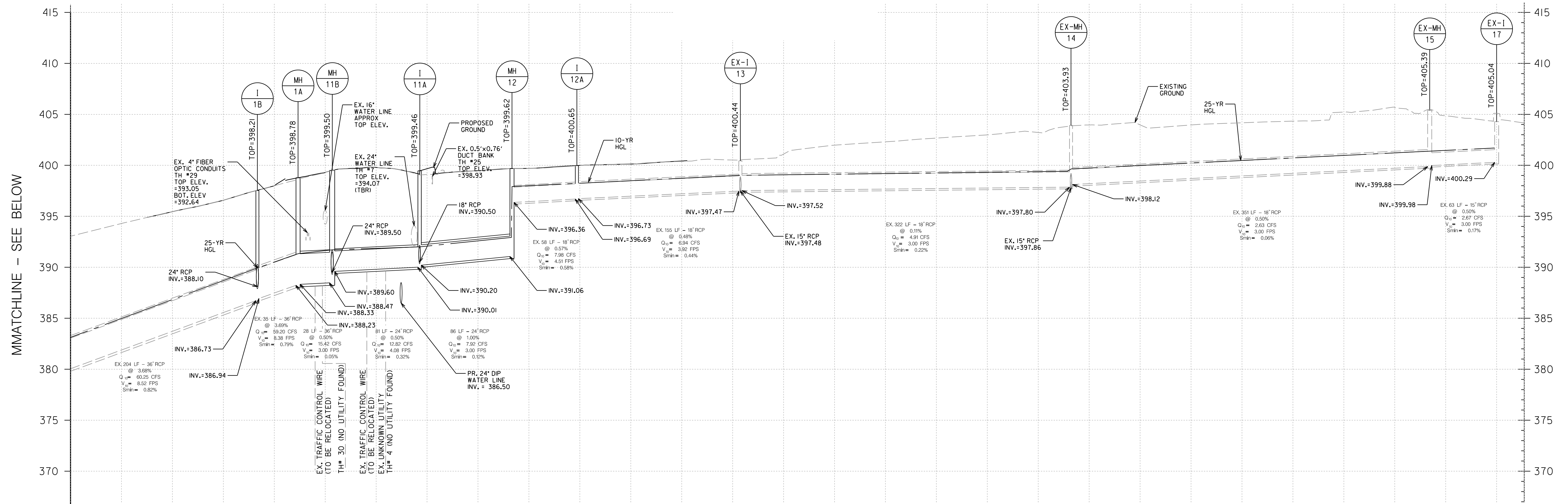
SCALE : 1" = 50' DATE : DECEMBER 2023

Project No. : 502106 SHEET 14 of 157

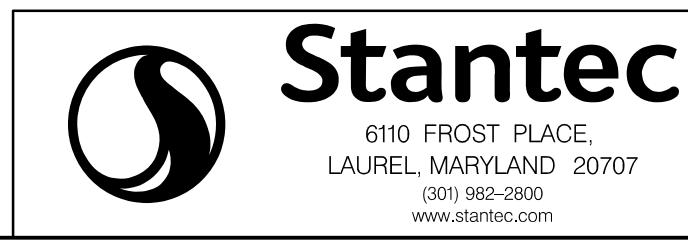


PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 25768 EXPIRATION DATE: 6/21/2025

NO.	REVISION	DATE	BY



PIPE PROFILE FROM  
 EX-I-17 TO EX-MH-1D  
 SEE SHEET DD-01, DD-02, DD-03



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 25768 EXPIRATION DATE: 6/21/2025

NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

SC/SWM 06 OF 18

PP-02

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

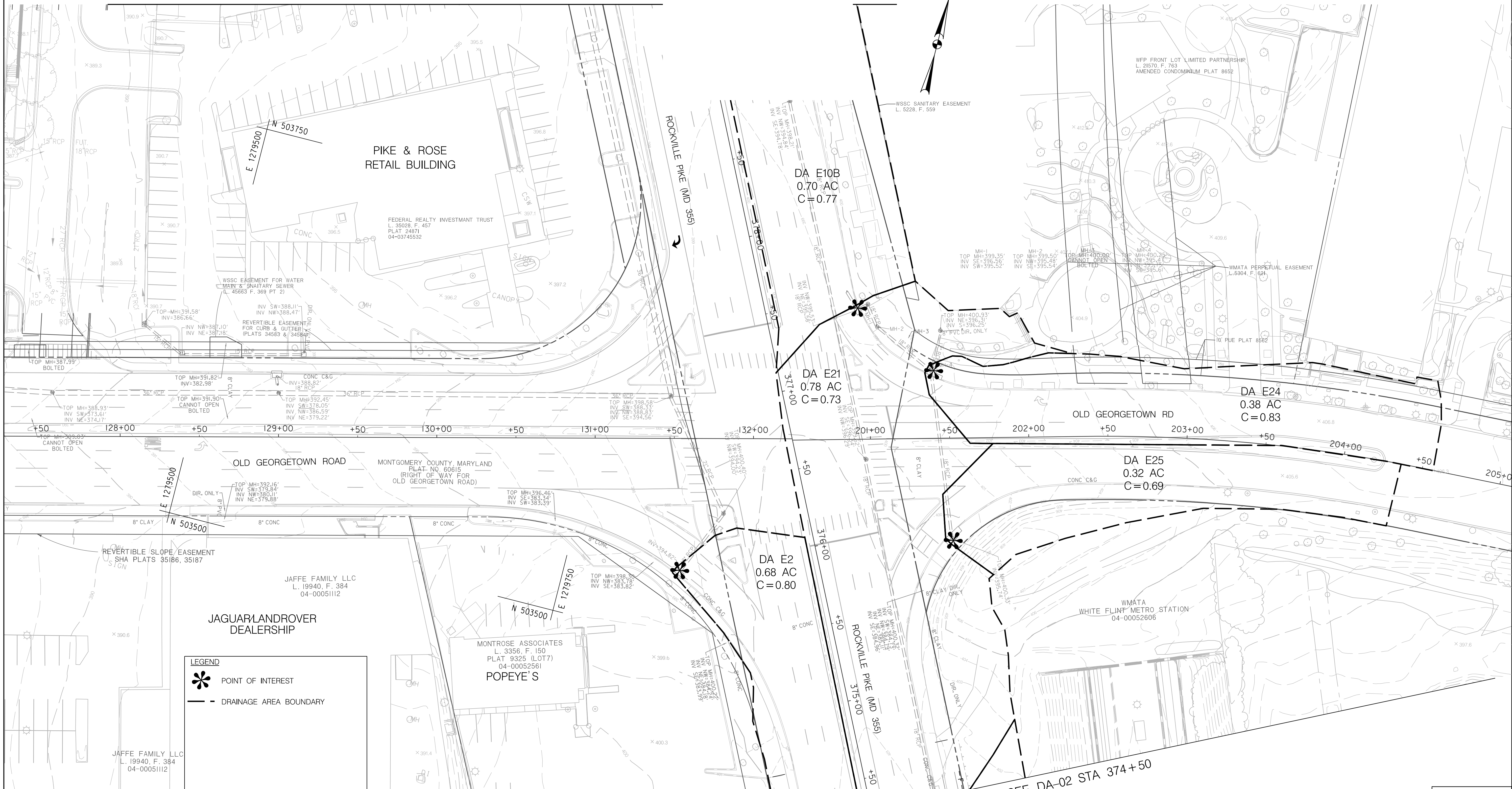
PIPE PROFILES

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering  
 Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

SCALE : 1" = 50' DATE : DECEMBER 2023

Project No. : 502106 SHEET 15 of 157

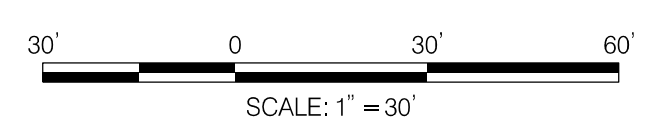
MATCH LINE - SEE DA-03 STA 379+50



MATCH LINE - SEE DA-02 STA 374+50

**LEGEND**

- POINT OF INTEREST
- DRAINAGE AREA BOUNDARY



**Stantec**  
6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2900  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
OF MARYLAND.  
LICENSE NO.: 25768 EXPIRATION DATE: 6/21/2025

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
APPROVED  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_  
Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

SC/SWM 07 OF 18 DA-01

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

EXISTING DRAINAGE AREA MAP

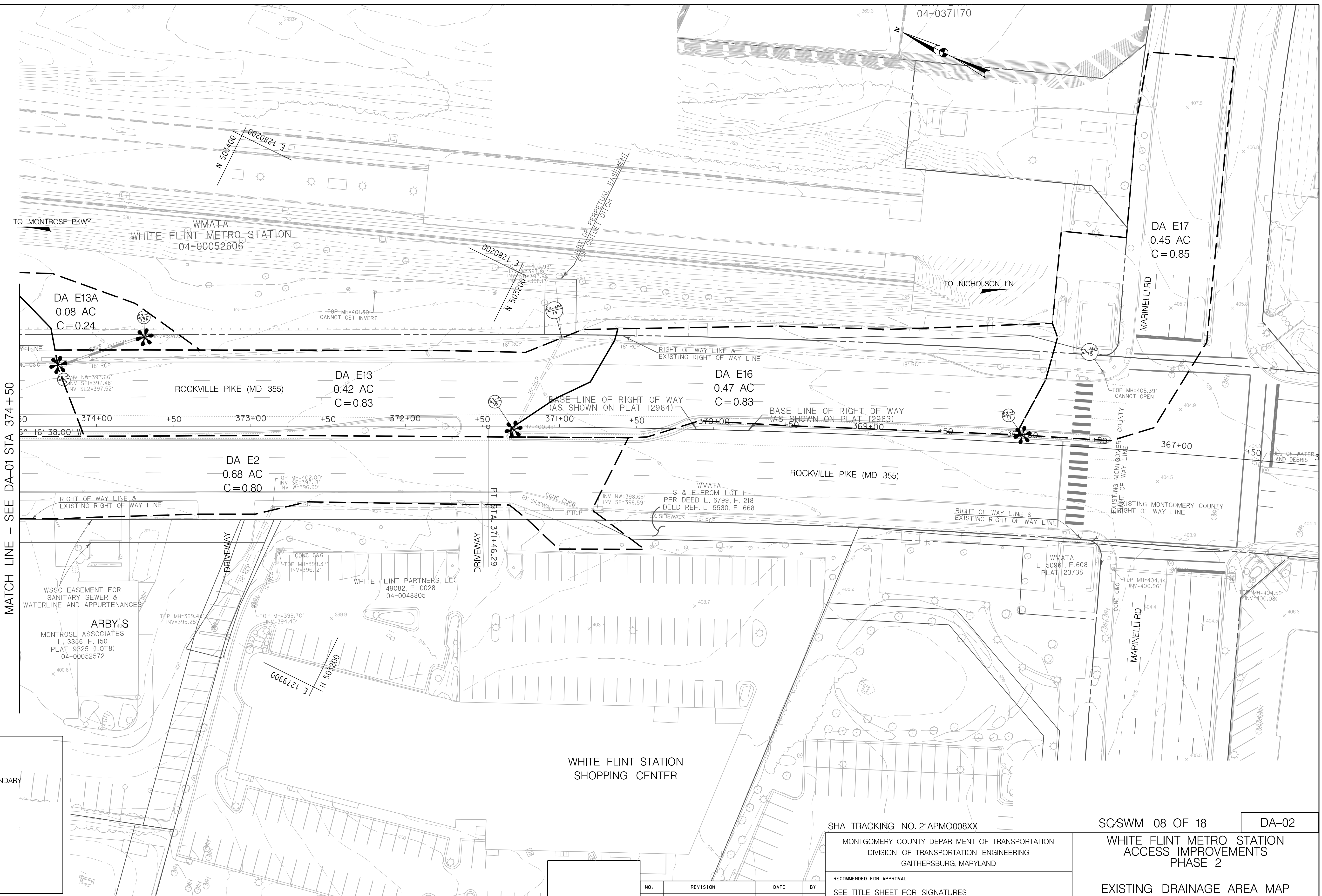
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 16 of 157

12/15/2023 LA:\2026213204\700 CADD\701 Sheet\Phase 2\pda-001\_WF Metro.dgn



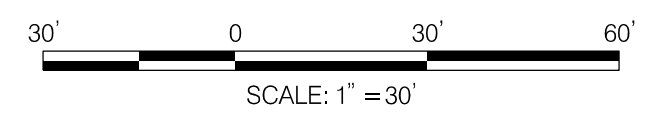
12/15/2023  
 U:\2026213204\700 CADD\701 Sheet\Phase 2\pda-0002-WFMetro.dgn



MATCH LINE - SEE DA-01 STA 374+50

**LEGEND**

- POINT OF INTEREST
- DRAINAGE AREA BOUNDARY



**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 25768 EXPIRATION DATE: 6/21/2025

NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

SC/SWM 08 OF 18      DA-02

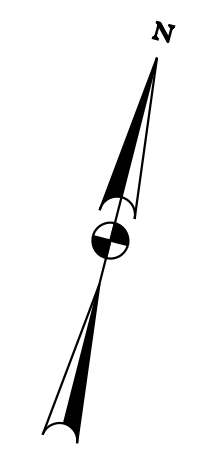
**WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2**

**EXISTING DRAINAGE AREA MAP**

SCALE : 1" = 30'      DATE : DECEMBER 2023

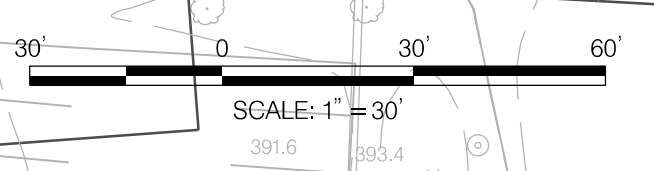
Project No. : 502106      SHEET 17 of 157

12/15/2023  
 U:\2026\213204\700 CADD\701 Sheet\Phase 2\pda-0003\_WFMetro.dgn



**LEGEND**

- POINT OF INTEREST
- DRAINAGE AREA BOUNDARY



MATCH LINE - SEE DA-01 STA 379+50

SHA TRACKING NO. 21APMO08XX

SC/SWM 09 OF 18

DA-03

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 25768 EXPIRATION DATE: 6/21/2025

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

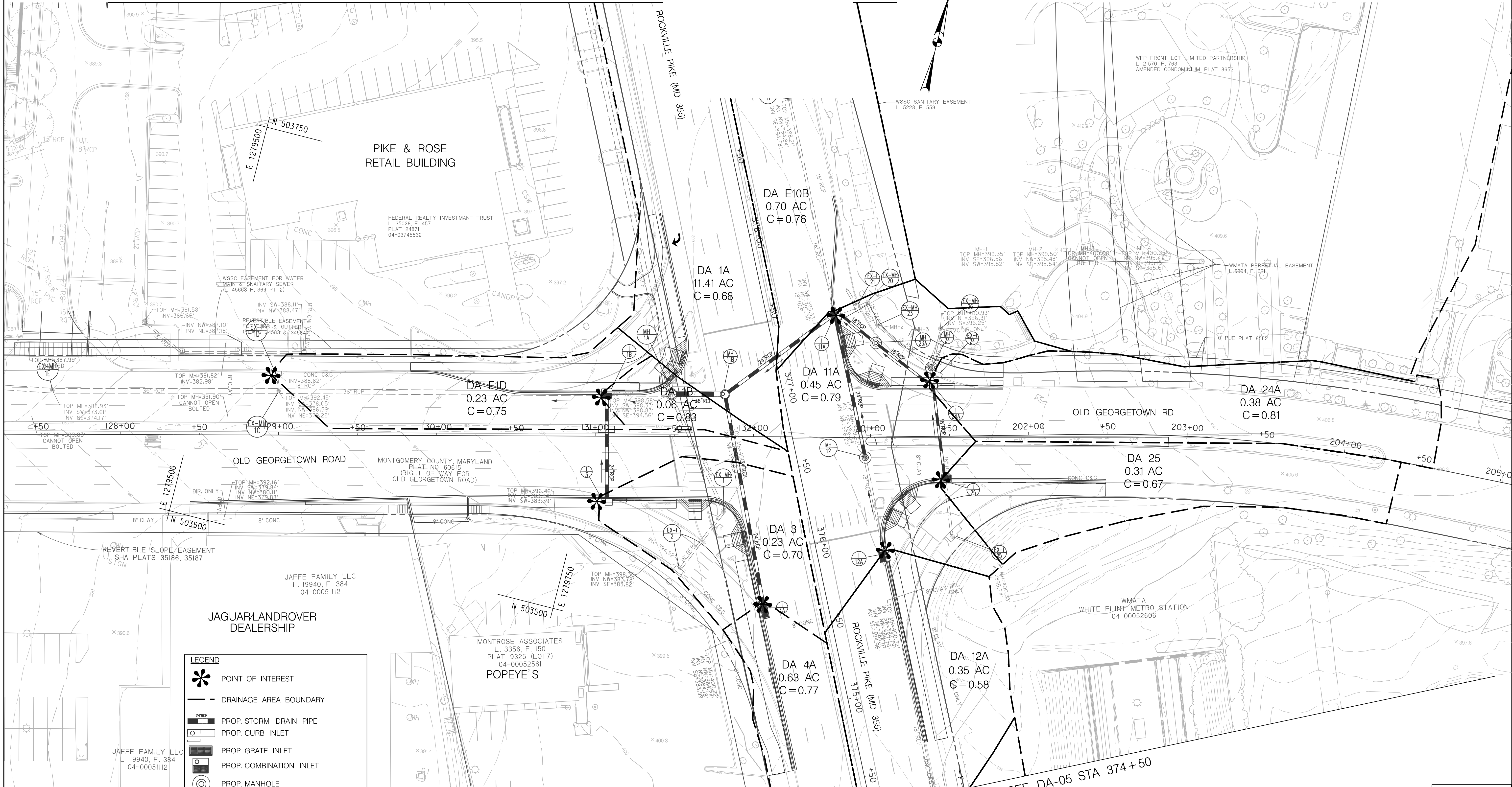
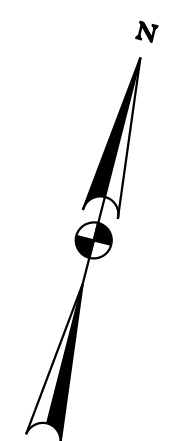
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

EXISTING DRAINAGE AREA MAP

SCALE : 1" = 30' DATE : DECEMBER 2023

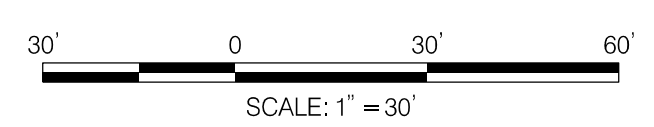
Project No. : 502106 SHEET 18 of 157

MATCH LINE - SEE DA-06 STA 379+50



**LEGEND**

- POINT OF INTEREST
- DRAINAGE AREA BOUNDARY
- PROP. STORM DRAIN PIPE
- PROP. CURB INLET
- PROP. GRATE INLET
- PROP. COMBINATION INLET
- PROP. MANHOLE



MATCH LINE - SEE DA-05 STA 374+50

12/15/2023 U:\2026213204\700 CADD\701 Sheet\Phase 2\pda-0004\_WFMetro.dgn

**Stantec**  
6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2900  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
OF MARYLAND.  
LICENSE NO.: 25768 EXPIRATION DATE: 6/21/2025

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

SCSWM 10 OF 18 DA-04

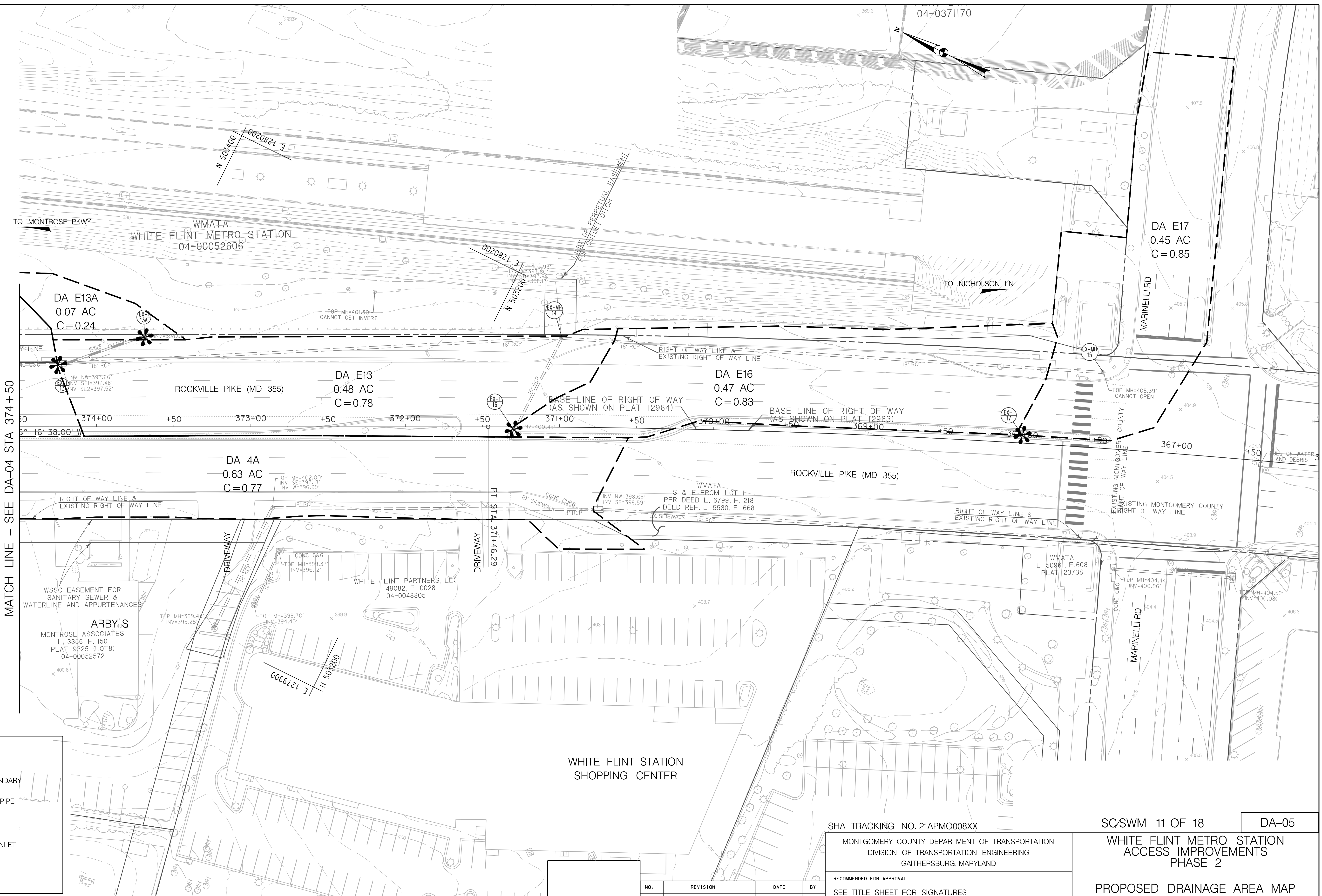
WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

PROPOSED DRAINAGE AREA MAP

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 19 of 157

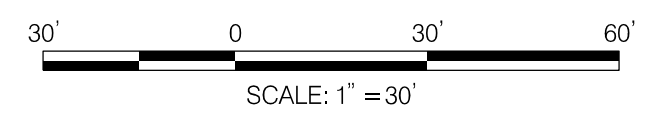
12/15/2023  
 U:\2026213204\700 CADD\701 Sheet\Phase 2\pda-0005\_WFMetro.dgn



MATCH LINE - SEE DA-04 STA 374+50

**LEGEND**

- POINT OF INTEREST
- DRAINAGE AREA BOUNDARY
- PROP. STORM DRAIN PIPE
- PROP. CURB INLET
- PROP. GRATE INLET
- PROP. COMBINATION INLET
- PROP. MANHOLE



**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 25768      EXPIRATION DATE: 6/21/2025

NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section      Date

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering      Date

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

SCSWM 11 OF 18      DA-05

**WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2**

**PROPOSED DRAINAGE AREA MAP**

SCALE : 1" = 30'      DATE : DECEMBER 2023

Project No. : 502106      SHEET 20 of 157

12/15/2023  
 U:\2026\213204\700 CADD\701 Sheet\Phase 2\pda-0006\_WFMetro.dgn



**LEGEND**

- POINT OF INTEREST
- DRAINAGE AREA BOUNDARY
- PROP. STORM DRAIN PIPE
- PROP. CURB INLET
- PROP. GRATE INLET
- PROP. COMBINATION INLET
- PROP. MANHOLE



MATCH LINE - SEE DA-04 STA 379+50

SHA TRACKING NO. 21APMO08XX

SCSWM 12 OF 18

DA-06



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 25768 EXPIRATION DATE: 6/21/2025

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

PROPOSED DRAINAGE AREA MAP

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 21 of 157

INDEX OF SHEETS				
SHEET NO.	DRAWING NO.	SHEET NAME	SC/SWM NO.	EPLAN FILE NAME
21	TI-01	ESC TITLE SHEET	1	SC0001
10	DD-01	DRAINAGE & STORMWATER MANAGEMENT PLAN	2	SC0002
11	DD-02	DRAINAGE & STORMWATER MANAGEMENT PLAN	3	SC0003
12	DD-03	DRAINAGE & STORMWATER MANAGEMENT PLAN	4	SC0004
13	PP-01	PIPE PROFILES	5	SC0005
14	PP-02	PIPE PROFILES	6	SC0006
15-17	DA-01-03	EXISTING DRAINAGE AREA MAPS	7-9	SC0007-SC0009
18-20	DA-04-06	PROPOSED DRAINAGE AREA MAPS	10-12	SC00010-SC00012
22	ESC-01	EROSION & SEDIMENT CONTROL NOTES	13	SC00013
23	ESC-02	EROSION & SEDIMENT CONTROL NOTES	14	SC00014
24	ESC-03	EROSION & SEDIMENT CONTROL DETAILS & EARTHWORK SUMMARY	15	SC00015
25	ESC-04	EROSION & SEDIMENT CONTROL PLAN	16	SC00016
26	LP-01	LANDSCAPING PLAN	17	SC00017
27	LP-02	LANDSCAPING NOTES & DETAILS	18	SC00018



Mr. David Rodriguez  
March 4, 2022

Mr. David Rodriguez  
March 4, 2022

Mr. David Rodriguez  
March 4, 2022

Mr. David Rodriguez  
March 4, 2022

Mr. David Rodriguez  
March 4, 2022

Mr. David Rodriguez  
March 4, 2022

# MONTGOMERY COUNTY, MARYLAND DEPARTMENT OF TRANSPORTATION

## WHITE FLINT METRO STATION ACCESS IMPROVEMENTS (PHASE 2)

### C. I. P. PROJECT NO. 502106 SHA TRACKING NO. 21-AP-MO-008-XX

RELATED REQUIRED PERMITS					
IT IS THE RESPONSIBILITY OF PERMITTEE/OWNER OF THIS SITE TO OBTAIN ALL REQUIRED PERMITS PRIOR TO ISSUANCE OF THE APPROVED SEDIMENT CONTROL PERMIT					
TYPE OF PERMIT	REQD	NOT REQD	PERMIT #	EXPIRATION DATE	WORK RESTRICTION DATES
MDPS Floodplain District		X			
WATERWAYS/WETLAND(S)					
a. Corps of Engineers		X			
b. MDE		X			
c. MDE Water Quality Certification		X			
MDE Dam Safety		X			
* DPS Roadside Trees Protection Plan	X			Approval Date 01/04/2023	
N.F.D.E.S. NOTICE OF INTENT	X		REGISTRATION NO. MDRCPOGLM		DATE FILED 10/19/2022
FEMA LOMR (Required Post Construction)		X			
OTHERS:					
DPS Erosion and Sediment Control	X		287686	01/04/2025	
MNCPPC Permit		X			
SHA Access Permit	X		21-AP-MO-008-XX	XX/XX/XXXX	

\* A copy of the Roadside Trees Protection Plan must be delivered to the sediment control inspector at the preconstruction meeting.

OWNER/PERMIT APPLICANT INFORMATION	
NAME:	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
ADDRESS:	100 EDISON PARK DRIVE, GAITHERSBURG, MD 20878
PHONE NUMBER:	(240) 777-7259
CONTACT PERSON:	MARCELA CORDOVA

TREE CANOPY REQUIREMENTS TABLE		
To be completed by the consultant and placed on the final 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 list the applicable exemption category below this table.	
Project is subject to Chapter 22A-9 of the Mont. Co. Forest Conservation Law		
Total Property Area	Total Disturbed Area	
N/A square feet	43,070 square feet	
Shade Trees Required	Shade Trees Proposed to be Planted	
16	2	
Fee in Lieu (Trees Required - Trees Proposed) x \$250	Total Fee in Lieu \$3,500	
Required Number of Shade Trees		
Area (sq. ft.) of the Limits of Disturbance	Number of Shade Trees Required	
Exam	Ip	
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		
*Please list the square footage of each proposed planting area on the first sheet of the plan set.		
EXEMPTION CATEGORIES:		
<input type="checkbox"/> 55-5(a) any activity that is subject of 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 emergency maintenance of an existing stormwater management facility, including an existing access road, if the person performing the 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.		

#### 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.

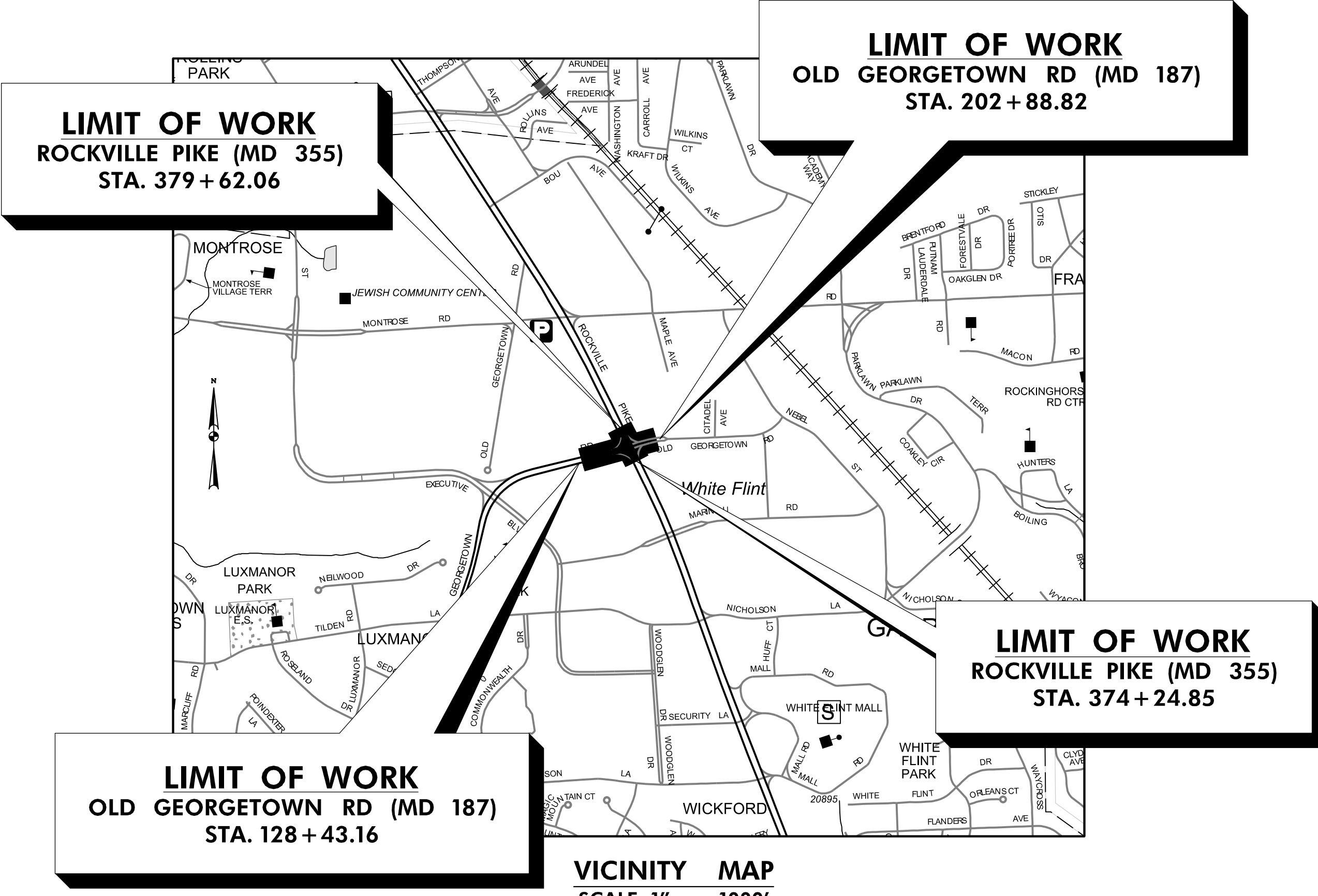
DATE \_\_\_\_\_ MARICELA CORDOVA  
ACTING CHIEF, DIVISION OF  
TRANSPORTATION ENGINEERING

#### DESIGN CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS 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 TRANSPORTATION "STORM DRAIN DESIGN CRITERIA" DATED AUGUST 1988.

I FURTHER CERTIFY THAT THE ESTIMATED TOTAL AMOUNTS OF EXCAVATION AND FILL AS SHOWN ON THESE PLANS HAS BEEN COMPUTED TO BE 2,291 CUBIC YARDS OF EXCAVATION AND 1,178 CUBIC YARDS OF FILL AND THAT THE TOTAL AREA TO BE DISTURBED AS SHOWN ON THESE PLANS HAS BEEN DETERMINED TO BE 43,070 SQUARE FEET.

DATE 2/24/2023  
LORI R. ADGATE, P.E.  
MD. REGISTRATION NO. 28255



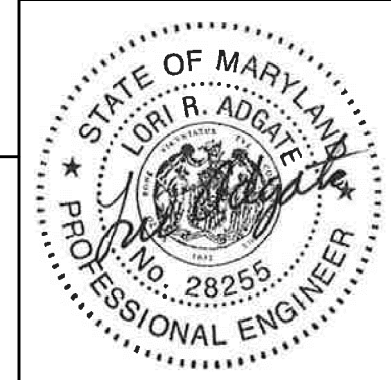
VICINITY MAP  
SCALE: 1" = 1000'

ALL AREAS OF SHA PROPERTY AND PROPERTY TO BE DEDICATED TO SHA SHALL BE RESTORED IN CONFORMANCE WITH SHA STANDARD SPECIFICATIONS, EXCEPT AS NECESSARY FOR WORK FOR WHICH THERE ARE NO SHA STANDARD SPECIFICATIONS.

PRIOR TO VEGETATIVE STABILIZATION, ALL DISTURBED AREAS MUST BE TOPSOILED PER THE MONTGOMERY COUNTY "STANDARDS AND SPECIFICATIONS FOR TOPSOIL".

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024

PROJECT MANAGER  
REBECCA PARK, PE  
100 Edison Park Drive, 4th Floor  
Gaithersburg, MD 20878  
240-777-7263  
rebecca.park@montgomerycountymd.gov



SHA TRACKING NO. 21APMO08XX	SC/SWM-01 OF 18	ESC-00
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION DIVISION OF TRANSPORTATION ENGINEERING GAITHERSBURG, MARYLAND		
RECOMMENDED FOR APPROVAL		
Chief, Design Section	Date	
Chief, Division of Transportation Engineering	Date	
Designed by: _____	Drawn by: _____	Checked by: _____
WHITE FLINT METRO STATION ACCESS IMPROVEMENTS PHASE 2 EROSION & SEDIMENT CONTROL TITLE SHEET		
SCALE: N.T.S.	DATE: DECEMBER 2023	
Project No.: 502106	SHEET 22	of 157

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

If this project is subject to a Stormwater Management Right of Entry and Maintenance Agreement, that document is recorded in Montgomery County Land Records at:  
Liber \_\_\_\_\_ Folio \_\_\_\_\_. This Record Drawing will serve as referenced in the recorded document.

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

Owner/Developer Signature \_\_\_\_\_ Date \_\_\_\_\_  
FIELD CHECK OF RECORD DRAWING BY MDPS INSPECTOR: INITIALS: \_\_\_\_\_ DATE: \_\_\_\_\_

TECHNICAL REVIEW OF SEDIMENT CONTROL	ADMINISTRATIVE REVIEW	DPS approval of a sediment control or stormwater management plan is not demonstrated compliance with minimum environmental 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 upland/downland properties.
REVIEWED _____ DATE _____	REVIEWED _____ DATE _____	
TECHNICAL REVIEW OF STORMWATER MANAGEMENT	SMALL LOT DRAINAGE APPROVAL	
REVIEWED _____ DATE _____	REVIEWED _____ DATE _____	
MDPS APPROVAL OF THIS PLAN WILL EXPIRE TWO YEARS FROM THE DATE OF APPROVAL IF THE PROJECT HAS NOT STARTED.		NOTE: MDPS APPROVAL DOES NOT NEGATE THE NEED FOR A MDPS ACCESS PERMIT.

12/15/2023 LA\2026213204\700 CADD\701 Sheet\Phase 2\DES-TOOL\_WFMeTrCo.dgn

MONTGOMERY COUNTY GOVERNMENT  
STANDARD EROSION AND SEDIMENT CONTROL NOTES

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

All areas disturbed outside of the perimeter sediment control system must be minimized and stabilized immediately. Maintenance must be performed as necessary to ensure continued stabilization.
- The permittee shall apply sod, seed, and anchored straw mulch, or other approved stabilization measures to all disturbed areas within seven (7) calendar days after striping and grading activities have ceased on that area. Maintenance shall be performed as necessary to ensure continued stabilization. Active construction areas such as borrow or stockpile areas, roadway improvements, and areas within fifty (50) feet of a building under construction may be exempt from this requirement, provided that erosion and sediment control measures are installed and maintained to protect those areas.
- Prior to removal of sediment control measures, the permittee shall stabilize all contributory disturbed areas with required soil amendments and topsoil, using sod or an approved permanent seed mixture and an approved anchored mulch. Wood fiber mulch may only be used in seeding season when the slope does not exceed 10% and grading has been done to promote sheet flow drainage. Areas brought to finished grade during the seeding season shall be permanently stabilized within seven (7) calendar days of establishment. When property is brought to finished grade during the months of November through February, and permanent stabilization is found to be impractical, an approved temporary seed and straw anchored mulch shall be applied to disturbed areas. The final permanent stabilization of such property shall be completed prior to the following April 15.
- The site permit, work, materials, approved SC/SM plans, and test reports shall be available at the site for inspection by duly authorized officials of Montgomery County.
- Surface drainage flows over unstabilized cut and fill slopes shall be controlled by either preventing drainage flows from traversing the slopes or by installing mechanical devices to lower the water down slope without causing erosion. Dikes shall be installed and maintained at the top of cut or fill slopes until the slope and drainage area to it are fully stabilized, at which time they must be removed and final grading done to promote sheet flow drainage. Mechanical devices must be provided at points of concentrated flow where erosion is likely to occur.
- Permanent swales or other points of concentrated water flow shall be stabilized within 3 calendar days of establishment with sod or seed with an approved erosion control matting or by other approved stabilization measures.
- Sediment control devices shall be removed, with permission of the Department, within thirty (30) calendar days following establishment of permanent stabilization in all contributory drainage areas. Stormwater management structures used temporarily for sediment control shall be converted to the permanent configuration within this time period as well.
- No permanent cut or fill slope with a gradient steeper than 3:1 will be permitted in lawn maintenance areas or on residential lots. A slope gradient of up to 2:1 will be permitted in non-maintenance areas provided that those areas are indicated on the erosion and sediment control plan with a low-maintenance ground cover specified for permanent stabilization. Slope gradient steeper than 2:1 will not be permitted with vegetative stabilization.
- The permittee shall install a splashblock at the bottom of each downspout unless the downspout is connected by a drain line to an acceptable outlet.
- For finished grading, the permittee shall provide adequate gradients so as to prevent water from standing on the surface of lawns more than twenty-four (24) hours after the end of a rainfall, except in designated drainage courses and swale flow areas, which may drain as long as forty-eight (48) hours after the end of a rainfall.
- Sediment traps or basins are not permitted within 20 feet of a building which is existing or under construction. No building may be constructed within 20 feet of a sediment trap or basin.
- All inlets in non-sump areas shall have asphalt berms installed at the time of base paving establishment.
- The sediment control inspector has the option of requiring additional sediment control measures, as deemed necessary.
- All trap elevations are relative to the outlet elevation, which must be on existing undisturbed ground.
- Vegetative stabilization shall be performed in accordance with the Standards and Specifications for Soil Erosion and Sediment Control.
- Sediment trap(s)/basin(s) shall be cleaned out and restored to the original dimensions when sediment has accumulated to the point of one-half (1/2) the wet storage depth of the trap/basin (1/4 the wet storage depth for ST-III) or when required by the sediment control inspector.

- Sediment removed from traps/basins shall be placed and stabilized in approved areas, but not within a floodplain.
- All sediment basins and traps must be surrounded with a welded wire safety fence. The fence must be at least 42 inches high, have posts spaced no farther apart than 8 feet, have mesh openings no greater than two inches in width and four inches in height, with a minimum of 14 gauge wire. Safety fence must be maintained in good condition at all times.
- No excavation in the areas of existing utilities is permitted unless their location has been determined. Call "Miss Utility" at 1-800-257-7777, 48 hours prior to the start of work.
- Off-site spoil or borrow areas must have prior approval by DPS.
- Sediment trap/basin dewatering for cleanup or repair may only be done with the DPS inspector's permission. The inspector must approve the dewatering method for each application. The following methods may be considered:
  - Pump discharge may be directed to another on-site sediment trap or basin, provided it is of sufficient volume and the pump intake is floated to prevent agitation or suction of deposited sediments; or
  - the pump intake may utilize a Removable Pumping Station and must discharge into an undisturbed area through a non-erosive outlet; or
  - the pump intake may be floated and discharge into a Dirt Bag (12 oz. non-woven fabric), or approved equivalent, located in an undisturbed buffer area.

Remember: Dewatering operation and method must have prior approval by the DPS inspector.
- The permittee must notify the Department of all utility construction activities within the permitted limits of disturbance prior to the commencement of those activities.
- Topsoil must be applied to all pervious areas within the limits of disturbance prior to permanent stabilization in accordance with MDE "Standards and Specifications for Soil Preparation, Topsoiling, and Soil Amendments".

STANDARDS AND SPECIFICATIONS FOR SOIL PREPARATION, TOPSOILING AND SOIL AMENDMENTS

**Definition**  
The process of preparing the soils to sustain adequate vegetative stabilization.

**Purpose**  
To provide a suitable soil medium for vegetative growth.

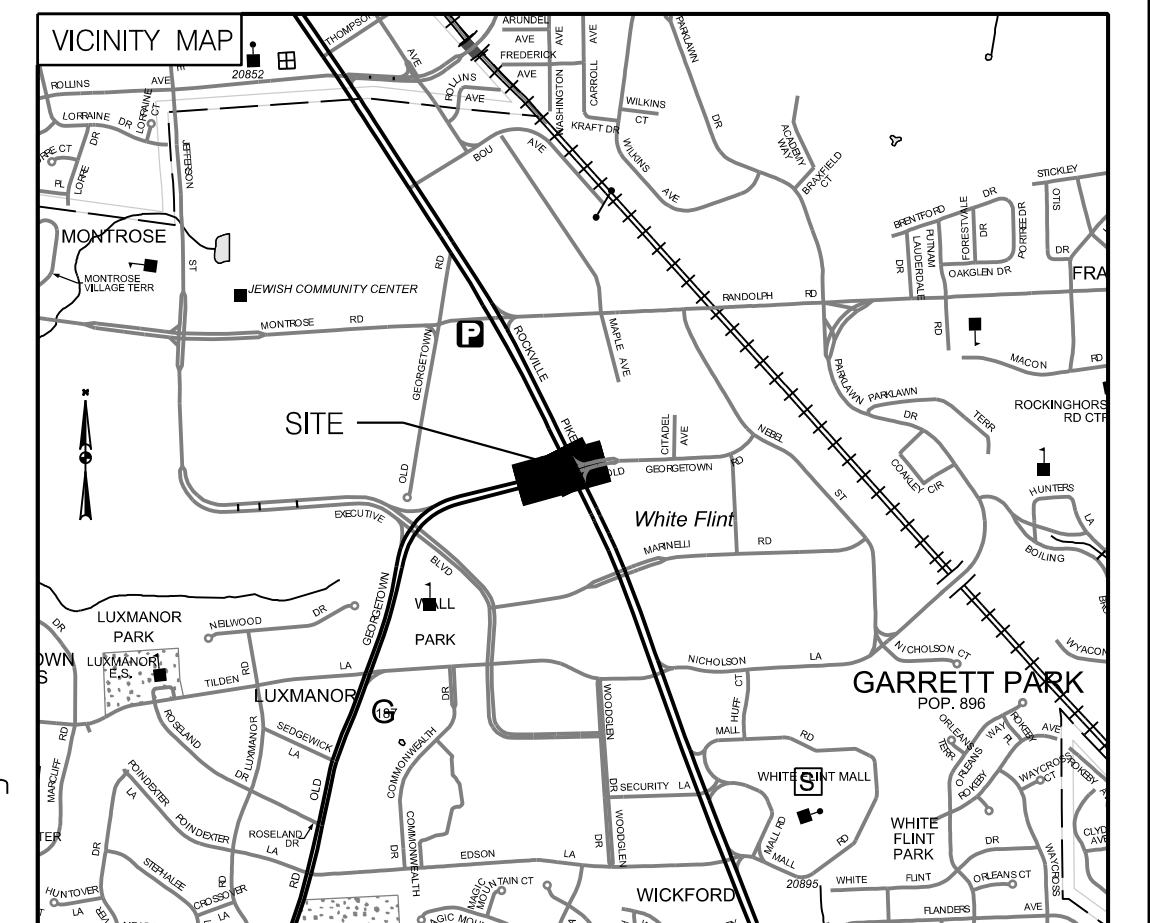
**Conditions Where Practice Applies**  
Where vegetative stabilization is to be established.

**Criteria**

- Soil Preparation**
  - Temporary stabilization**
    - Seeded preparation consists of loosening soil to a depth of 3 to 5 inches by means of suitable agricultural or construction equipment, such as disc harrows or chisel plows or rippers mounted on construction equipment. After the soil is loosened, it must not be rolled or dragged smooth but left in the roughened condition. Slopes 3:1 or flatter are to be tracked with ridges running parallel to the contour of the slope.
    - Apply fertilizer and lime as prescribed on these plans.
    - Incorporate lime and fertilizer into the top 3 to 5 inches of soil by disking or other suitable means.
  - Permanent Stabilization**
    - A soil test is required for any earth disturbance of 5 acres or more. The minimum soil conditions required for permanent vegetative establishment are:
      - Soil pH between 6.0 and 7.0.
      - Soluble salts less than 500 parts per million (ppm), than 30 percent silt plus clay) to provide the capacity to hold a moderate amount of moisture. An exception: if lovegrass will be planted, then a sandy soil (less than 30 percent silt plus clay) would be acceptable.
      - Soil contains 1.5 percent minimum organic matter by weight.
      - Soil contains sufficient pore space to permit adequate root penetration.
    - Application of amendments or topsoil is required if on-site soils do not meet the above conditions.
    - Graded areas must be maintained in a true and even grade as specified on the approved plan, then scarified or otherwise loosened to a depth of 3 to 5 inches.
    - Apply soil amendments as specified on the approved plan or as indicated by the results of a soil test.
    - Mix soil amendments into the top 3 to 5 inches of soil by disking or other suitable means. Rake lawn areas to smooth the surface, remove large objects like stones and branches, and ready the area for seed application. Loosen surface soil by dragging with a heavy chain or other equipment to roughen the surface where site conditions will not permit normal seedbed preparation. Track slopes 3:1 or flatter with tracked equipment leaving the soil in an irregular condition with ridges running parallel to the contour of the slope. Leave the top 1 to 3 inches of soil loosen and friable. seedbed loosening may be unnecessary on newly disturbed areas.
- Topsoiling**
  - Topsoil is placed over prepared subsoil prior to establishment of permanent vegetation. The purpose is to provide a suitable soil medium for vegetative growth. Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants and/or unacceptable soil gradation.
  - Topsoil salvaged from an existing site may be used provided it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the soil survey published by USDA-NRCS.
  - Topsoiling is limited to areas having 2:1 for flatter slopes where:
    - The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
    - The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.
    - The original soil to be vegetated contains material toxic to plants growth.

- The soil is so acidic that treatment with limestone is not feasible.
- Areas having slopes steeper than 2:1 require special consideration and design.
- Topsoil specifications: soil to be used as topsoil must meet the following criteria:
  - Topsoil must be a loam, sandy loam, clay loam, silt loam, sandy clay loam, or loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Topsoil must not be a mixture of contrasting textured subsoils and must contain less than 5 percent by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1.5 inches in diameter.
  - Topsoil must be free of noxious plants or plant parts such as Bermuda grass, quack grass, Johnson grass, nut sledge, poison ivy, thistle, or others as specified.
  - Topsoil substitutes or amendments, as recommended by a qualified agronomist or soil scientist and approved by the appropriate approval authority, may be used in lieu of natural topsoil.
- Topsoil Application
  - Erosion and sediment control practices must be maintained when applying topsoil.
  - Uniformly distribute topsoil in a 5 to 8 inch layer and lightly compacted to a minimum thickness of 4 inches. Spreading is to be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations must be corrected in order to prevent the formation of depressions or water pockets.
  - Topsoil must not be placed if the topsoil or subsoil is in a frozen or muddy condition, when the subsoil is excessively wet, or in a condition that may otherwise be detrimental to proper grading and seedbed preparation.
- Soil amendments (fertilizer and lime specifications)
  - Soil tests must be performed to determine the exact ratios and application rates for both lime and fertilizer on sites having disturbed areas of 5 acres or more. Soil analysis may be performed by a recognized private or commercial laboratory. Soil samples taken for engineering purposes may also be used for chemical analysis.
  - Fertilizers must be uniform in composition, free flowing and suitable for accurate application by appropriate equipment. Manure may be substituted for fertilizer with prior approval from the appropriate approval authority. Fertilizers must all be delivered to the site fully labeled according to the applicable laws and must bear the name, trade name or trademark and warranty of the producer.
  - Lime materials must be ground limestone (hydrated or burnt lime may be substituted except when hydroseeding) which contains at least 50 percent total oxides (calcium oxide plus magnesium oxide). Limestone must be ground to such fineness that at least 50 percent will pass through a #100 mesh sieve and 98 to 100 percent will pass through a #20 mesh sieve.
  - Lime and fertilizer are to be evenly distributed and incorporated into the top 3 to 5 inches of soil by disking or other suitable means.
  - Where the subsoil is either highly acidic or composed of heavy clays, spread ground limestone at the rate of 4 to 8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil.

BEFORE BEGINNING CONSTRUCTION CONTACT  
"MISS UTILITY"  
AT  
1-800-257-7777  
AT LEAST 48 HOURS PRIOR TO EXCAVATION



SHA TRACKING NO. 21APMO08XX

SCSWM 13 OF 18

ESC-01

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
Chief, Design Section Date

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
Chief, Division of Transportation Engineering Date

Designed by: Drawn by: Checked by:

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

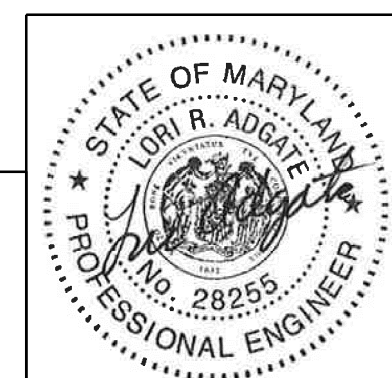
EROSION & SEDIMENT  
CONTROL NOTES

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 23 of 157



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

STANDARD SYMBOLS

AT-GRADE INLET PROTECTION		ROCK OUTLET PROTECTION II	
BAFFLE BOARDS		ROCK OUTLET PROTECTION III	
CATCH BASIN INSERT		SILT FENCE	
CLEAR WATER DIVERSION PIPE	 <small>NOTE: PERSONNEL SHOULD REFER TO CLEAR WATER DIVERSION WITH 12 INCH PIPE.</small>	SILT FENCE ON PAVEMENT	
COMBINATION INLET PROTECTION		SOD	
CURB INLET PROTECTION		STABILIZED CONSTRUCTION ENTRANCE	
DIVERSION FENCE		STANDARD INLET PROTECTION	
EARTH DIKE	 <small>PLACE DESIGNATION A-1, B-2, SECTION FLOW CHANNEL SIDE OF DIKE.</small>	STONE CHECK DAM	
EMERGENCY SPILLWAY		STONE/RIPRAP OUTLET SEDIMENT TRAP ST II	
FILTER BAG		SUBSURFACE DRAINS	
FILTER BERM		SUMP PIT	
FILTER LOG	 <small>NOTE: DESIGNATION FL-18 REFERS TO FILTER LOG WITH 18 INCH DIAMETER.</small>	SUPER SILT FENCE	
GABION INFLOW PROTECTION		TEMPORARY ACCESS CULVERT	
GABION INLET PROTECTION		TEMPORARY ASPHALT BERM	
LIMIT OF DISTURBANCE		TEMPORARY BARRIER DIVERSION	
MEDIAN INLET PROTECTION		TEMPORARY GABION OUTLET STRUCTURE	
MEDIAN SUMP INLET PROTECTION		TEMPORARY SOIL STABILIZATION MATTING-TYPE A	
MOUNTABLE BERM		TEMPORARY SOIL STABILIZATION MATTING-TYPE E	
PERIMETER DIKE/SWALE		TEMPORARY SOIL STABILIZATION MATTING-TYPE D	
PERMANENT SOIL STABILIZATION MATTING-TYPE B		TEMPORARY STONE OUTLET STRUCTURE	
PERMANENT SOIL STABILIZATION MATTING-TYPE C		TEMPORARY SWALE	 <small>PLACE DESIGNATION A-1, B-2, SECTION FLOW CHANNEL SIDE OF SWALE.</small>
PIPE OUTLET SEDIMENT TRAP ST I		WASH RACK OPTION	
PIPE SLOPE DRAIN	 <small>NOTE: DESIGNATION PSD-12 REFERS TO PIPE SLOPE DRAIN WITH 12 IN PIPE.</small>	CHESAPEAKE BAY CRITICAL AREA	
PLUNGE POOL		DRAINAGE BOUNDARY	
PORTABLE SEDIMENT TANK		EXISTING CONTOURS	
REMOVABLE PUMPING STATION		PROPOSED CONTOURS	
RIPRAP INFLOW PROTECTION		TREE PROTECTION FENCE	
RIPRAP OUTLET SEDIMENT TRAP ST III		WETLAND	
ROCK OUTLET PROTECTION I		WETLAND BUFFER	
		100-YEAR FLOODPLAIN	

SEQUENCE OF CONSTRUCTION

1. CLEAR AND GRADE FOR INSTALLATION OF SEDIMENT CONTROL DEVICES.
2. INSTALL SEDIMENT CONTROL DEVICES.
3. ONCE THE SEDIMENT CONTROL DEVICES ARE INSTALLED THE PERMITEE MUST OBTAIN WRITTEN APPROVAL FROM THE MCDPS INSPECTOR BEFORE PROCEEDING WITH ANY ADDITIONAL CLEARING, GRUBBING, OR GRADING.
4. COMMENCE RELOCATION OF EX 24" WATER MAIN.
5. COMMENCE DEMOLATION OF CURB, GUTTER, ASPHALT, AND OTHERS.
6. COMMENCE STORM DRAIN INSTALLATION. NOTE: INSTALLATION OF DRAINAGE STRUCTURES MUST OCCUR DURING DAYS WITH NO EXPECTED RAINFALL AND CONTRACTOR MUST ENSURE EXISTING DRAINAGE SYSTEM REMAINS ONLINE AND FUNCTIONAL WHEN CONSTRUCTION IS NOT OCCURRING OR DURING RUNOFF PRODUCING RAIN EVENTS. ALL STUBS MUST BE PLUGGED PRIOR TO FILL.
7. COMMENCE INSTALL OF CURB, GUTTER, SIDEWALK, AND HARDSCAPE.
8. OBTAIN WRITTEN APPROVAL FROM MCDPS INSPECTOR AND REMOVE SEDIMENT CONTROL DEVICES.

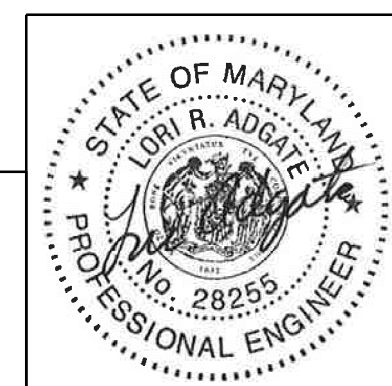
GENERAL NOTES

1. PRIOR TO ANY EARTH DISTURBANCE, THE CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION MEETING ON-SITE WITH 48-HOURS NOTICE WITH:
  1. MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES (MCDPS) SEDIMENT CONTROL INSPECTOR AT 240-777-6210
  11. MNCPPC, PLANNING DEPARTMENT, PLANS ENFORCEMENT INSPECTOR AT 301-495-4571
  111. THE OWNERS (MCDOT) REPRESENTATIVE AND THE SITE ENGINEER
- \* WRITTEN APPROVAL FROM PROPERTY OWNERS FOR GRADING OUTSIDE OF THE RIGHT-OF-WAY SHALL BE PROVIDED TO THE INSPECTOR BEFORE CONSTRUCTION IS AUTHORIZED TO PROCEED.
2. THE LIMITS OF DISTURBANCE (LOD) MUST BE FIELD MARKED PRIOR TO CLEARING OF TREES, INSTALLATION OF SEDIMENT CONTROL MEASURES, CONSTRUCTION, OR OTHER LAND DISTURBING ACTIVITIES.
3. THE PERMITEE MUST OBTAIN WRITTEN APPROVAL FROM THE MNCPPC INSPECTOR CERTIFYING THAT THE LIMITS OF DISTURBANCE AND TREE PROTECTION MEASURES ARE CORRECTLY MARKED AND INSTALLED PRIOR TO COMMENCING ANY CLEARING OR GRUBBING.
4. CLEAR, GRUB, AND GRADE FOR INSTALLATION OF SEDIMENT CONTROL DEVICES AND IMPLEMENT TRAFFIC DETOUR PLAN AS SHOWN.
5. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE DPS INSPECTOR AFTER SEDIMENT CONTROL DEVICES ARE INSTALLED PRIOR TO ANY FURTHER EARTH DISTURBANCE AND COMMENCEMENT OF WORK.
6. CONSTRUCTION OF PHASE 1 AND PHASE 2 TO OCCUR CONCURRENTLY. CONSTRUCTION OF OTHER PHASES CAN OCCUR COINCIDENTALLY IF THE CONTRACTOR CHOOSES AS LONG AS APPROVALS ARE IN PLACE.
7. REMOVE WATER THAT POOLS WITHIN ANY AREA OF EXCAVATION WITH SUMP PIT, PUMP, AND FILTER BAG.
8. WEATHER SHOULD BE MONITORED TO ENSURE CONSTRUCTION IS DONE IN A DAY WITH NO EXPECTED RAINFALL.
9. SITE SHOULD BE STABILIZED AT THE END OF EACH WORKDAY.
10. OBTAIN WRITTEN APPROVAL FROM MCDPS INSPECTOR, PRIOR TO THE REMOVAL OF ANY SEDIMENT CONTROL DEVICES FOR EACH SEQUENCE.
11. PLANT AND VEGETATE SITE AS SHOWN ON LANDSCAPE PLAN. CONTRACTOR MAY HAVE ALL TREE PLANTING TO OCCUR AT THE FINAL PHASE OF THE PROJECT.
12. STABILIZE SITE AND GET WRITTEN APPROVAL FROM MCDPS INSPECTOR TO REMOVE REMAINING SEDIMENT CONTROL DEVICES.

12/15/2023 UA\2026213204\700 CADD\701 Sheet\Phase 2\DES-NO02-WF\Metro.dgn



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL	
SEE TITLE SHEET FOR SIGNATURES	
Chief, Design Section	Date
APPROVED	
SEE TITLE SHEET FOR SIGNATURES	
Chief, Division of Transportation Engineering	Date
Designed by : _____	Drawn by : _____
Checked by : _____	

SC/SWM 14 OF 18 ESC-02

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2  
EROSION & SEDIMENT  
CONTROL NOTES

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 24 of 157



12/15/2023  
 U:\2026213204\700 CADD\701 Sheet\Phase 2\DES-DO01\_WFMe+rc.dgn

### DETAIL B-1 STABILIZED CONSTRUCTION ENTRANCE

STANDARD SYMBOL:

**CONSTRUCTION SPECIFICATIONS**

- PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET + 20 FEET FOR SINGLE RESIDENCE LOT. USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE. MAINTAIN POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5% SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT.
- PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
- PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
- MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DRIPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
 U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT AND WATER MANAGEMENT ADMINISTRATION

### DETAIL B-2 WASH RACK OPTION

STANDARD SYMBOL:

**CONSTRUCTION SPECIFICATIONS**

- USE A WASH RACK DESIGNED AND CONSTRUCTED/MANUFACTURED FOR THE ANTICIPATED TRAFFIC LOADS. CONCRETE, STEEL, OR OTHER MATERIALS ARE ACCEPTABLE. PRE-FABRICATED UNITS SUCH AS CATTLE GUARDS ARE ACCEPTABLE. USE MINIMUM DIMENSION OF 6 FEET x 10 FEET. ORIENT DIRECTION OF RIBS AS SHOWN ON THE DETAIL.
- INSTALL PRIOR TO, ALONG SIDE OF, OR AS PART OF THE SCE.
- DIRECT WASH WATER TO AN APPROVED SEDIMENT TRAPPING DEVICE.
- KEEP AREA UNDER WASH RACK FREE OF ACCUMULATED SEDIMENT. IF DAMAGED, REPAIR OR REPLACE WASH RACK.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
 U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT AND WATER MANAGEMENT ADMINISTRATION

### DETAIL E-9-1 STANDARD INLET PROTECTION

STANDARD SYMBOL:

**CONSTRUCTION SPECIFICATIONS**

- USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
- EXCAVATE COMPLETELY AROUND THE INLET TO A DEPTH OF 18 INCHES BELOW THE NOTCH ELEVATION.
- FOR TYPE A, USE NOMINAL 2 INCH x 4 INCH CONSTRUCTION GRADE LUMBER POSTS, DRIVEN 1 FOOT INTO THE GROUND AT EACH CORNER OF THE INLET. PLACE NAIL STRIPS BETWEEN THE POSTS ON THE ENDS OF THE INLET. ASSEMBLE THE TOP PORTION OF THE 2x4 FRAME AS SHOWN. STRETCH 1/2 INCH GALVANIZED HARDWARE CLOTH TIGHTLY AROUND THE FRAME AND FASTEN SECURELY. FASTEN GEOTEXTILE SECURELY TO THE HARDWARE CLOTH WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND HARDWARE CLOTH A MINIMUM OF 18 INCHES BELOW THE WEIR CREST. THE ENDS OF THE GEOTEXTILE MUST MEET AT A POST, BE OVERLAPPED AND FOLDED, THEN FASTENED TO THE POST.
- FOR TYPE B, USE 2 INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND 6 FOOT LENGTH, DRIVEN A MINIMUM OF 36 INCHES BELOW THE WEIR CREST AT EACH CORNER OF THE STRUCTURE. FASTEN 9 GAUGE OR HEAVIER CHAIN LINK FENCE, 42 INCHES IN HEIGHT, SECURELY TO THE FENCE POSTS WITH WIRE TIES. FASTEN GEOTEXTILE SECURELY TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 18 INCHES BELOW THE WEIR CREST.
- BACKFILL AROUND THE INLET IN LOOSE 4 INCH LIFTS AND COMPACT UNTIL SOIL IS LEVEL WITH THE NOTCH ELEVATION ON THE ENDS AND TOP ELEVATION ON THE SIDES.
- STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
 U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT AND WATER MANAGEMENT ADMINISTRATION

### DETAIL E-9-1 STANDARD INLET PROTECTION

STANDARD SYMBOL:

**CONSTRUCTION SPECIFICATIONS**

- USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
- LIFT GRATE AND WRAP WITH NONWOVEN GEOTEXTILE TO COMPLETELY COVER ALL OPENINGS. SECURE WITH WIRE TIES AND SET GRATE BACK IN PLACE.
- PLACE CLEAN 1/2 TO 1/4 INCH STONE OR EQUIVALENT RECYCLED CONCRETE 6 INCHES THICK ON THE GRATE.
- STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
 U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT AND WATER MANAGEMENT ADMINISTRATION

### DETAIL E-9-2 AT-GRADE INLET PROTECTION

STANDARD SYMBOL:

**CONSTRUCTION SPECIFICATIONS**

- USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
- LIFT GRATE AND WRAP WITH NONWOVEN GEOTEXTILE TO COMPLETELY COVER ALL OPENINGS. SECURE WITH WIRE TIES AND SET GRATE BACK IN PLACE.
- PLACE CLEAN 1/2 TO 1/4 INCH STONE OR EQUIVALENT RECYCLED CONCRETE 6 INCHES THICK ON THE GRATE.
- STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
 U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT AND WATER MANAGEMENT ADMINISTRATION

### DETAIL E-9-3 CURB INLET PROTECTION

STANDARD SYMBOL:

**CONSTRUCTION SPECIFICATIONS**

- USE NOMINAL 2 INCH x 4 INCH LUMBER.
- USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
- NAIL THE 2x4 WEIR TO 9 INCH LONG VERTICAL SPACERS (MAXIMUM 6 FEET APART).
- ATTACH A CONTINUOUS PIECE OF 1/2 INCH GALVANIZED HARDWARE CLOTH, WITH A MINIMUM WIDTH OF 30 INCHES AND A MINIMUM LENGTH OF 4 FEET LONGER THAN THE THROAT OPENING, TO THE 2x4 WEIR, EXTENDING IT 2 FEET BEYOND THROAT ON EACH SIDE.
- PLACE A CONTINUOUS PIECE OF NONWOVEN GEOTEXTILE OF THE SAME DIMENSIONS AS THE HARDWARE CLOTH OVER THE HARDWARE CLOTH AND SECURELY ATTACH TO THE 2x4 WEIR.
- INSTALL END SPACERS A MINIMUM OF 1 FOOT BEYOND THE ENDS OF THE THROAT OPENING.
- FORM THE HARDWARE CLOTH AND THE GEOTEXTILE TO THE CONCRETE GUTTER AND FACE OF CURB TO SPAN THE INLET OPENING. COVER THE HARDWARE CLOTH AND GEOTEXTILE WITH CLEAN 1/2 TO 1/4 INCH STONE OR EQUIVALENT RECYCLED CONCRETE.
- AT NON-SUMP LOCATIONS, INSTALL A TEMPORARY SANDBAG OR ASPHALT BERM TO PREVENT INLET BYPASS.
- STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
 U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT AND WATER MANAGEMENT ADMINISTRATION

### DETAIL E-3 SUPER SILT FENCE

STANDARD SYMBOL:

**CONSTRUCTION SPECIFICATIONS**

- INSTALL 2 1/2 INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND.
- FASTEN 9 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2 1/2 INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS.
- FASTEN WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND.
- WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STARTLED TO PREVENT SEDIMENT BY PASS.
- EXTEND BOTH ENDS OF THE SUPER SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE.
- PROVIDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
- REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
 U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT AND WATER MANAGEMENT ADMINISTRATION

## SUMMARY OF EARTHWORK

CLASS I EXCAVATION	1,135	EROSION AND SEDIMENT CONTROL EXCAVATION	0
EXCAVATION	0	E&S EXCAVATION (ORIGINAL AND CLEANOUT)	0
TOP SOIL REMOVED UNDER FILL	9	MINUS: E&S EXCAVATION NOT AVAILABLE FOR EMBANKMENT (CLEAN OUT)	0
ROOTMAT REMOVED UNDER FILL	1,144	E&S EXCAVATION ADJUSTED	0
TOTAL CLASS I EXCAVATION		E&S EXCAVATION DENSIFIED (0.83)	0
		EROSION AND SEDIMENT CONTROL AVAILABLE FOR EMBANKMENT	0
CLASS IA EXCAVATION (UNSUITABLE MATERIAL)		EMBANKMENT REQUIRED	981
3 FT UNDERCUT IN FULL DEPTH PAVING AREAS	1,206	EMBANKMENT FOR SIDE SLOPES	188
TOTAL CLASS IA EXCAVATION	1,206	BACKFILL FOR REMOVAL OF MISC. EXISTING ROADWAY ITEMS (IE. PAVEMENT, SIDEWALK)	0
EXCAVATION AVAILABLE FOR EMBANKMENT		BACKFILL FOR TOPSOIL REMOVED UNDER FILL	9
TOTAL CLASS I EXCAVATION	1,144	BACKFILL FOR ROOTMAT REMOVED UNDER FILL	1,206
MINUS: UNUSABLE EX PAVEMENT MATERIAL	0	TOTAL EMBANKMENT REQUIRED	2,384
TOPSOIL REMOVED IN CUT	9	BALANCE	2,384
TOPSOIL REMOVED IN FILL	0	TOTAL EMBANKMENT REQUIRED	37
ROOTMAT REMOVED IN CUT	44	MINUS: CLASS I EXCAVATION AVAILABLE FOR EMBANKMENT	0
ROOTMAT REMOVED IN FILL	37	EROSION AND SEDIMENT CONTROL EXCAVATION AVAILABLE FOR EMBANKMENT	0
SOIL EXCAVATION ADJUSTED	37	BALANCE	2,347
CLASS I EXCAVATION AVAILABLE FOR EMBANKMENT			

**NOTES:**  
 1.) ALL EXCAVATION ON THIS PROJECT SHALL BE CONSIDERED CLASS I AND CLASS IA. NO SEPARATE MEASUREMENT OF CLASS 2 EXCAVATION WILL BE MADE.

SHA TRACKING NO. 21APMO08XX

SCSWM 15 OF 18

ESC-03

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION DIVISION OF TRANSPORTATION ENGINEERING GAITHERSBURG, MARYLAND			
RECOMMENDED FOR APPROVAL	SEE TITLE SHEET FOR SIGNATURES	Chief, Design Section	Date
APPROVED	SEE TITLE SHEET FOR SIGNATURES	Chief, Division of Transportation Engineering	Date
Designed by:	Drawn by:	Checked by:	

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

EROSION & SEDIMENT  
CONTROL DETAILS &  
EARTHWORK SUMMARY

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 25 of 157

6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2900  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

**LIMIT OF WORK**  
**WHITE FLINT ACCESS IMPROV.**  
**ROCKVILLE PIKE (MD 355)**  
**STA. 379 + 62.06**

**LIMIT OF WORK**  
**WHITE FLINT ACCESS IMPROV.**  
**OLD GEORGETOWN RD (MD 187)**  
**STA. 128 + 43.16**

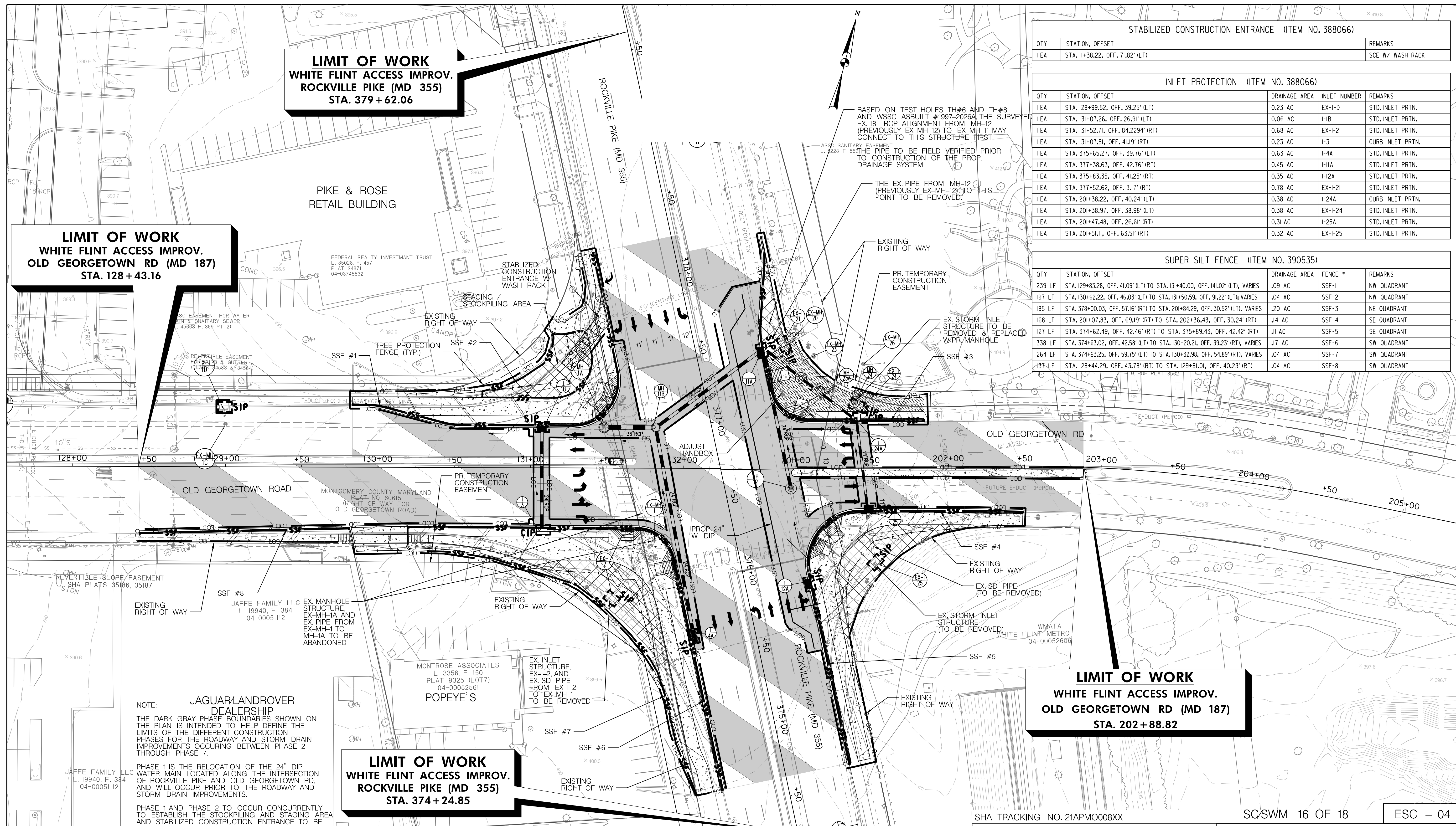
**LIMIT OF WORK**  
**WHITE FLINT ACCESS IMPROV.**  
**OLD GEORGETOWN RD (MD 187)**  
**STA. 202 + 88.82**

**LIMIT OF WORK**  
**WHITE FLINT ACCESS IMPROV.**  
**ROCKVILLE PIKE (MD 355)**  
**STA. 374 + 24.85**

STABILIZED CONSTRUCTION ENTRANCE (ITEM NO. 388066)		
QTY	STATION, OFFSET	REMARKS
1 EA	STA. 11+38.22, OFF. 71.82' (LT)	SCE W/ WASH RACK

INLET PROTECTION (ITEM NO. 388066)				
QTY	STATION, OFFSET	DRAINAGE AREA	INLET NUMBER	REMARKS
1 EA	STA. 128+99.52, OFF. 39.25' (LT)	0.23 AC	EX-1-D	STD. INLET PRTN.
1 EA	STA. 131+07.26, OFF. 26.91' (LT)	0.06 AC	I-B	STD. INLET PRTN.
1 EA	STA. 131+52.71, OFF. 84.2294' (RT)	0.68 AC	EX-1-2	STD. INLET PRTN.
1 EA	STA. 131+07.51, OFF. 41.19' (RT)	0.23 AC	I-3	CURB INLET PRTN.
1 EA	STA. 375+65.27, OFF. 39.76' (LT)	0.63 AC	I-4A	STD. INLET PRTN.
1 EA	STA. 377+38.63, OFF. 42.76' (RT)	0.45 AC	I-1A	STD. INLET PRTN.
1 EA	STA. 375+83.35, OFF. 41.25' (RT)	0.35 AC	I-12A	STD. INLET PRTN.
1 EA	STA. 377+52.62, OFF. 3.17' (RT)	0.78 AC	EX-1-21	STD. INLET PRTN.
1 EA	STA. 201+38.22, OFF. 40.24' (LT)	0.38 AC	I-24A	CURB INLET PRTN.
1 EA	STA. 201+38.97, OFF. 38.98' (LT)	0.38 AC	EX-1-24	STD. INLET PRTN.
1 EA	STA. 201+47.48, OFF. 26.61' (RT)	0.31 AC	I-25A	STD. INLET PRTN.
1 EA	STA. 201+51.11, OFF. 63.51' (RT)	0.32 AC	EX-1-25	STD. INLET PRTN.

SUPER SILT FENCE (ITEM NO. 390535)				
QTY	STATION, OFFSET	DRAINAGE AREA	FENCE #	REMARKS
239 LF	STA. 129+83.28, OFF. 41.09' (LT) TO STA. 131+40.00, OFF. 141.02' (LT), VARIES	.09 AC	SSF-1	NW QUADRANT
197 LF	STA. 130+62.22, OFF. 46.03' (LT) TO STA. 131+50.59, OFF. 91.22' (LT), VARIES	.04 AC	SSF-2	NW QUADRANT
185 LF	STA. 378+00.03, OFF. 57.16' (RT) TO STA. 201+84.29, OFF. 30.52' (LT), VARIES	.20 AC	SSF-3	NE QUADRANT
168 LF	STA. 201+07.83, OFF. 69.19' (RT) TO STA. 202+36.43, OFF. 30.24' (RT)	.14 AC	SSF-4	SE QUADRANT
127 LF	STA. 374+62.49, OFF. 42.46' (RT) TO STA. 375+89.43, OFF. 42.42' (RT)	.11 AC	SSF-5	SE QUADRANT
338 LF	STA. 374+63.02, OFF. 42.58' (LT) TO STA. 130+20.21, OFF. 39.23' (RT), VARIES	.17 AC	SSF-6	SW QUADRANT
264 LF	STA. 374+63.25, OFF. 59.75' (LT) TO STA. 130+32.98, OFF. 54.89' (RT), VARIES	.04 AC	SSF-7	SW QUADRANT
137 LF	STA. 128+44.29, OFF. 43.78' (RT) TO STA. 129+81.01, OFF. 40.23' (RT)	.04 AC	SSF-8	SW QUADRANT



**NOTE:** JAGUAR/LANDROVER DEALERSHIP  
 THE DARK GRAY PHASE BOUNDARIES SHOWN ON THE PLAN IS INTENDED TO HELP DEFINE THE LIMITS OF THE DIFFERENT CONSTRUCTION PHASES FOR THE ROADWAY AND STORM DRAIN IMPROVEMENTS OCCURRING BETWEEN PHASE 2 THROUGH PHASE 7.

PHASE 1 IS THE RELOCATION OF THE 24" DIP WATER MAIN LOCATED ALONG THE INTERSECTION OF ROCKVILLE PIKE AND OLD GEORGETOWN RD. AND WILL OCCUR PRIOR TO THE ROADWAY AND STORM DRAIN IMPROVEMENTS.

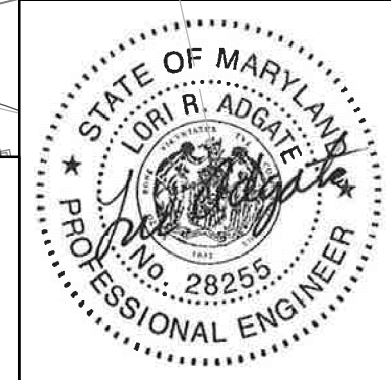
PHASE 1 AND PHASE 2 TO OCCUR CONCURRENTLY TO ESTABLISH THE STOCKPILING AND STAGING AREA AND STABILIZED CONSTRUCTION ENTRANCE TO BE USED THROUGHOUT ALL PHASES OF CONSTRUCTION

**LEGEND**

	FULL-DEPTH ASPHALT PAVEMENT
	MILL & OVERLAY
	REMOVAL OF EX. CURB, SIDEWALK, PAVEMENT
	CONCRETE SIDEWALK
	BRICK SIDEWALK
	EX. RIGHT OF WAY

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section Date

APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering Date

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

SCSWM 16 OF 18 ESC - 04

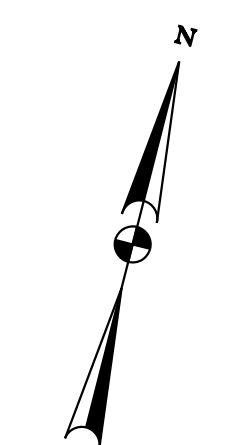
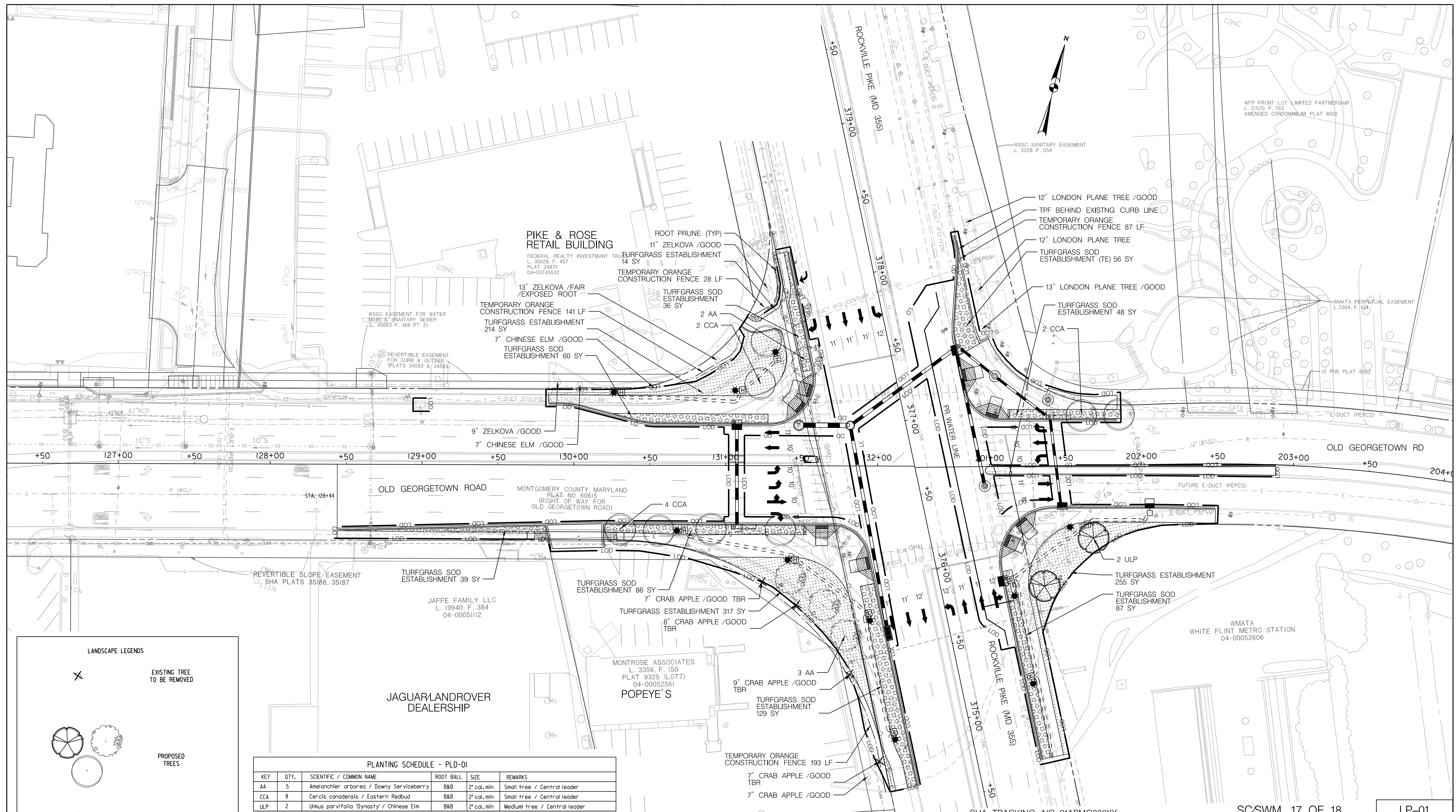
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2  
 EROSION & SEDIMENT  
 CONTROL PLAN

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 26 of 157

12/15/2023 U:\2026\213204\700 CADD\701 Sheet\Phase 2\DES-P001\_WFMetro.dgn

12/15/2023  
 LA 2026213204\700 CADD\701 Sheet\Phase 2\PLP-P001\_WFMeTrc.dgn



**LANDSCAPE LEGENDS**

EXISTING TREE TO BE REMOVED

PROPOSED TREES

EXISTING TREES

TREE PROTECTION FENCE (TEMPORARY ORANGE CONSTRUCTION FENCE)

SIDE WALK

TURFGRASS ESTABLISHMENT

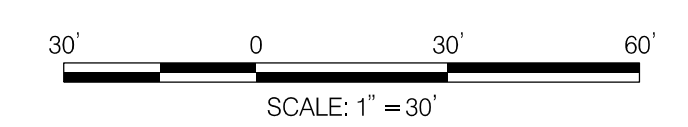
TURFGRASS SOD ESTABLISHMENT

EXISTING RIGHT OF WAY

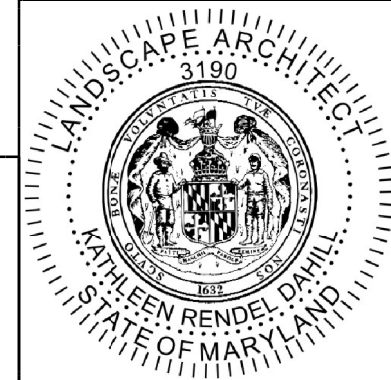
**PLANTING SCHEDULE - PLD-01**

KEY	QTY.	SCIENTIFIC / COMMON NAME	ROOT BALL	SIZE	REMARKS
AA	5	Amelanchier arborea / Downy Serviceberry	B&B	2' cal. min	Small tree / Central leader
CCA	8	Cercis canadensis / Eastern Redbud	B&B	2' cal. min	Small tree / Central leader
ULP	2	Ulmus parvifolia 'Dynasty' / Chinese Elm	B&B	2' cal. min	Medium tree / Central leader

NOTE:  
 1. TEMPORARY ORANGE CONSTRUCTION FENCE FOR TREE PROTECTION SHOULD BE PLACED ON THE LOD LINE DURING THE INSTALLATION. SHOWN OFF-SET FOR DRAWING READABILITY ONLY.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 3190 EXPIRATION DATE: 05-07-2023



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section Date

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering Date

Designed by: Drawn by: Checked by:

SCSWM 17 OF 18 LP-01

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

LANDSCAPING PLAN  
 & TREE PROTECTION PLAN

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 27 of 157

NOTES

7.1 LANDSCAPE NOTES. LANDSCAPE CONSTRUCTION WITHIN THE RIGHT OF WAY OF THE MARYLAND STATE HIGHWAY ADMINISTRATION (SHA) AND WITHIN SHA PROPERTY, EASEMENT AREAS AND LANDS TO BE CONVEYED TO SHA/MTA SHALL CONFORM TO THESE NOTES. FOR GUIDANCE REGARDING DESIGN MODIFICATIONS DURING CONSTRUCTION, REFER TO SHA LANDSCAPE DESIGN GUIDE, SHA LANDSCAPE ESTIMATING MANUAL, AND SHA ENVIRONMENTAL GUIDE FOR ACCESS AND DISTRICT PERMIT APPLICANTS AT [HTTP://WWW.ROADS.MARYLAND.GOV/INDEX.ASPX?PAGEID=29](http://www.roads.maryland.gov/index.aspx?pageid=29)

7.2 SHA STANDARD SPECIFICATIONS. LANDSCAPE CONSTRUCTION SHALL CONFORM TO SECTIONS 701 THROUGH 716, AND LANDSCAPE MATERIALS SHALL CONFORM TO SECTION 920 OF THE MOST RECENT REVISION OF SHA STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, INCLUDING ALL REVISIONS AND SUPPLEMENTS, AND AS SPECIFIED IN THESE NOTES. THESE REQUIREMENTS SHALL SUPERSEDE ALL OTHER SPECIFICATIONS FOR WORK ON SHA PROPERTY. ALL SHA SPECIFICATIONS FOR LANDSCAPING AND LANDSCAPE MATERIALS PUBLISHED IN 2008 HAVE BEEN REPLACED. CURRENT SPECIFICATIONS ARE AT [HTTP://WWW.ROADS.MARYLAND.GOV/INDEX.ASPX?PAGEID=44](http://www.roads.maryland.gov/index.aspx?pageid=44)

7.3 EROSION AND SEDIMENT CONTROL MANAGER (ESCM). SOIL DISTURBANCE SUCH AS GRADING, EXCAVATION, SOIL PLACEMENT OR OTHER ACTIVITIES THAT INVOLVE SOIL DISTURBANCE SHALL BE SUPERVISED BY AN ESCM MANAGER WITH A VALID "SHA YELLOW CARD" IN CONFORMANCE WITH SHA STANDARD SPECIFICATIONS AND ANY APPLICABLE EROSION AND SEDIMENT CONTROL PERMIT.

7.4 SHA STANDARD DETAILS FOR TREES, SHRUBS AND PLANTING BEDS. THE INSTALLATION OF TREES, SHRUBS, PLANTING BEDS AND OTHER LANDSCAPE CONSTRUCTION RELATED TO SECTION 710 OF THE SHA STANDARD SPECIFICATIONS SHALL CONFORM TO THE "SHA BOOK OF STANDARDS FOR HIGHWAY & INCIDENTAL STRUCTURES - CATEGORY 7" AT [HTTP://APPS.ROADS.MARYLAND.GOV/BUSINESSWITHSHA/BIZSTDSSPECS/DESMANUALSTDPUB/PUBLICATIONSONLINE/OHD/BOOKSTD/TOCCAT7.ASP](http://apps.roads.maryland.gov/businesswithsha/bizstdsspecs/desmanualstdpub/publicationsonline/ohd/bookstd/toccat7.asp)

7.5 TEMPORARY STABILIZATION SHALL BE INSTALLED IN CONFORMANCE WITH SECTION 704 TO ENSURE THAT AREAS OF SOIL DISTURBANCE ARE PROTECTED FROM WIND, RAINFALL AND FLOWING WATER UNTIL PERMANENT STABILIZATION IS INSTALLED.

1. TEMPORARY MULCH, EITHER AS TEMPORARY STRAW MULCH OR TEMPORARY MATTING MULCH, SHALL BE INSTALLED AT THE END OF EACH WORKING DAY TO PROVIDE "SAME DAY STABILIZATION" UNLESS OTHER APPROVED STABILIZATION IS INSTALLED.

2. TEMPORARY STRAW MULCH SHALL BE INSTALLED ON AREAS AND SLOPES FLATTER THAN 4:1 TEMPORARY MATTING MULCH SHALL BE APPLIED ON SLOPES 4:1 AND STEEPER, AND TO AREAS WITH CHANNELS.

3. TEMPORARY SEED SHALL BE INSTALLED IN LIEU OF TEMPORARY MULCH WHEN SOIL REDISTURBANCE IS EXPECTED MORE THAN 30 DAYS AFTER SOIL DISTURBANCE. THE REQUIRED APPLICATION RATE SHALL BE 100 LBS PER ACRE OF 37-0-0 (SCU) FERTILIZER.

7.6 ROADWAY PAVEMENT REMOVAL. AREAS OF ROADWAY REMOVAL SHALL BE EXCAVATED TO REMOVED PAVEMENTS, AGGREGATE BASE, AND COMPACTED SOIL TO A MINIMUM DEPTH OF 10 INCHES BELOW THE PAVEMENT SURFACE OR AS NECESSARY TO REMOVE ALL MATERIAL UNSUITABLE FOR LANDSCAPING. THE EXCAVATION AREAS SHALL BE RESTORED WITH SUBSOIL AND TOPSOIL AS PART OF SOIL RESTORATION.

7.7 EXCAVATION AND DEBRIS REMOVAL. DEBRIS RELATED TO THE DEMOLITION OF SIDEWALKS, DRIVEWAYS, CURBS, TREES, STUMPS, ROOTS, FENCING, PIPES, AND OTHER MATERIALS THAT MAY INTERFERE WITH LANDSCAPE INSTALLATION OR FUTURE MAINTENANCE SHALL BE EXCAVATED AS NECESSARY FOR THEIR COMPLETE REMOVAL AND DISPOSAL.

7.8 SOIL RESTORATION. AREAS OF PAVEMENT REMOVAL, EXCAVATION OR DRILLING IN LANDSCAPED AREAS SHALL REMOVE EXCAVATED DEBRIS AND RESTORE THE SUBGRADE WITH APPROVED SUBSOIL AND TOPSOIL PLACED IN CONFORMANCE WITH SECTION 701 OF THE SHA STANDARD SPECIFICATIONS.

1. A LAYER OF APPROVED TOPSOIL AT LEAST 4 INCH DEPTH SHALL BE PLACED ON ALL DISTURBED AREAS FLATTER THAN 2:1 AND IN ALL CHANNELS PRIOR TO SEEDING, SODDING OR OTHER LANDSCAPING, UNLESS OTHERWISE SPECIFIED.

2. A LAYER OF APPROVED TOPSOIL AT LEAST 2 INCH DEPTH SHALL BE PLACED ON ALL DISTURBED AREAS 2:1 AND STEEPER PRIOR TO SEEDING, SODDING OR OTHER LANDSCAPING, UNLESS OTHERWISE SPECIFIED.

3. BIORETENTION SOIL MIX (BSM) AND OTHER MATERIALS INSTALLED IN CONJUNCTION WITH SPI 316 - STORMWATER FILTRATION FACILITIES AND SHA STORMWATER DETAILS SHALL BE INSTALLED IN CONFORMANCE WITH THE SHA LANDSCAPE NOTES AND LANDSCAPE PLANS. PLANT MATERIALS AND MULCH SHALL BE INSTALLED IN BSM IN CONFORMANCE WITH STORMWATER DETAILS, SECTION 710 OR OTHER SHA SPECIFICATIONS.

7.9 TURFGRASS SOD ESTABLISHMENT SHALL BE PERFORMED IN ALL DISTURBED AREAS, OR WITHIN THE AREAS INDICATED IN THE PLANS, IN CONFORMANCE WITH SECTION 708 OF THE SHA STANDARD SPECIFICATIONS. THE REQUIRED APPLICATION RATE OF 20-16-12 FERTILIZER SHALL BE 200 LBS PER ACRE, AND NO FERTILIZER SHALL BE APPLIED FROM NOVEMBER 15 TO MARCH 1.

7.10 TURFGRASS ESTABLISHMENT SHALL BE PERFORMED IN ALL DISTURBED AREAS, OR WITHIN THE AREAS INDICATED IN THE PLANS, IN CONFORMANCE WITH SECTION 705 OF THE SHA STANDARD SPECIFICATIONS. THE REQUIRED APPLICATION RATE OF 20-16-12 FERTILIZER SHALL BE 200 LBS PER ACRE, AND NO FERTILIZER SHALL BE APPLIED FROM NOVEMBER 15 TO MARCH 1.

7.11 SOIL STABILIZATION MATTING SHALL BE INSTALLED IN CONFORMANCE WITH SECTION 709 OF THE SHA STANDARD SPECIFICATIONS, IN CONJUNCTION WITH TURFGRASS ESTABLISHMENT PER SECTION 705 OR MEADOW ESTABLISHMENT PER SECTION 707 AS FOLLOWS:

1. AREAS FLATTER THAN 6:1. TYPE A OR TYPE E MATTING MAY BE INSTALLED IN LIEU OF STRAW MULCH AND HYDROMULCH BINDER IN CONJUNCTION WITH TURFGRASS ESTABLISHMENT.

2. AREAS STEEPER THAN 6:1 AND FLATTER THAN 4:1. TYPE A OR TYPE E MATTING SHALL BE INSTALLED IN LIEU OF STRAW MULCH AND HYDROMULCH BINDER IN CONJUNCTION WITH TURFGRASS ESTABLISHMENT, UNLESS DELINEATED AND NOTED OTHERWISE.

3. CHANNELS, STORMWATER MANAGEMENT FACILITIES, AND SLOPES 4:1 AND STEEPER TYPE A SOIL STABILIZATION MATTING SHALL BE INSTALLED IN LIEU OF STRAW MULCH AND HYDROMULCH BINDER IN CONJUNCTION WITH TURFGRASS ESTABLISHMENT, UNLESS DELINEATED AND NOTED OTHERWISE.

7.14 ROADSIDE TREE PERMIT. TREE REMOVAL, TREE INSTALLATION, TREE ROOT AND BRANCH PRUNING, AND OTHER REGULATED IMPACTS TO TREES IN THE SHA RIGHT OF WAY SHALL CONFORM TO THE REQUIREMENTS OF THE ROADSIDE TREE PERMIT (RTP) OF THE MARYLAND DEPARTMENT OF NATURAL RESOURCES, OR THE APPROVED FOREST CONSERVATION ACT PLAN OF THE LOCAL AUTHORITY.

1. A COPY OF THE RTP OR FCP SHALL BE SUBMITTED TO THE SHA OFFICE OF ENVIRONMENTAL DESIGN BEFORE WORK IS PERFORMED, AND A COPY OF THE RTP OR FCP SHALL BE REPRODUCED IN THE PLANS OR BE IN POSSESSION OF THE APPLICANT AT THE PROJECT SITE WHEN THE PERMITTED WORK IS PERFORMED.

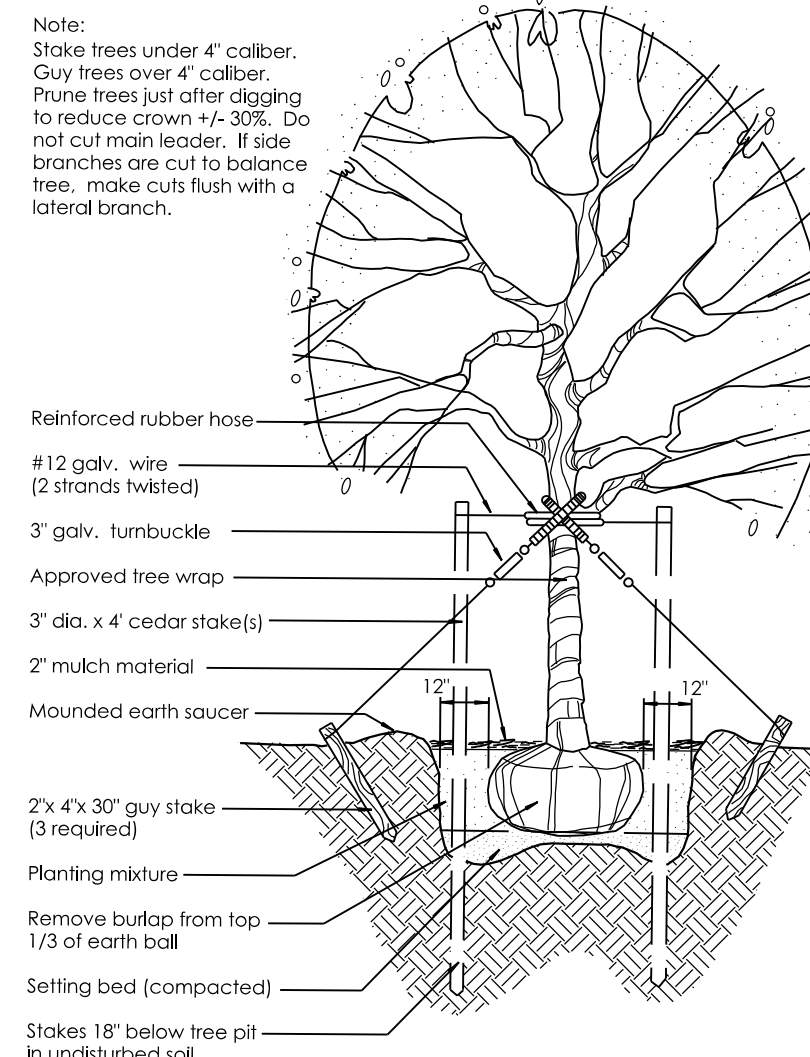
2. A MARYLAND LICENSED TREE EXPERT SHALL PERFORM THE SPECIFIED TREE OPERATIONS IN CONFORMANCE WITH THE SHA STANDARD SPECIFICATIONS AND ANSI A300 STANDARDS FOR TREE CARE OPERATIONS.

7.15 TREES AND OTHER PLANT MATERIAL INSTALLATION. TREES, SHRUBS, PERENNIALS, ANNUALS, BULBS, LANDSCAPE BEDS, BARK MULCH AND SIMILAR MATERIALS SHALL BE INSTALLED IN CONFORMANCE WITH SECTION 710 AND 711 OF THE SHA STANDARD SPECIFICATIONS. TREE AND SHRUBS SHALL BE PRUNED AT THE TIME OF INSTALLATION TO ENSURE SIDEWALK CLEARANCE FOR PEDESTRIANS IS MAINTAINED TO A HEIGHT OF 8 FEET. NO TREE OR SHRUB SHALL BE INSTALLED WITHIN 3 FEET OF CURBS, SIDEWALKS, OR PAVEMENT EDGES.

7.22 TREE ROOT PRUNING SHALL BE PERFORMED ALONG THE LINE SHOWN ON THE PLANS IN CONFORMANCE WITH SECTION 715. TREE ROOT PRUNING SHALL BE COMPLETED BEFORE BEGINNING EXCAVATION OR CONSTRUCTION ADJACENT TO TREES TO BE PRESERVED.

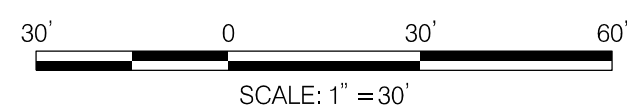
PLANTING SCHEDULE - PLD-01					
KEY	QTY.	SCIENTIFIC / COMMON NAME	ROOT BALL	SIZE	REMARKS
AK	5	<i>Ambrosia artemisiifolia</i> / Downy Sorrel	BBB	2 cal. min.	Small tree / Central leader
CCA	8	<i>Cercis canadensis</i> / Eastern Redbud	BBB	2 cal. min.	Small tree / Central leader
ULP	2	<i>Ulmus parvifolia</i> / Chinese Elm	BBB	2 cal. min.	Medium tree / Central leader

MASTER LANDSCAPE 700 ITEMS					
QTY	UNIT	CAT. CODE	ITEM	SHA SPEC	
449	LF	120784	TEMPORARY ORANGE CONSTRUCTION FENCE	120	
1341	SY	704345	FURNISHED TOPSOIL 4 INCH DEPTH	704	
800	SY	705405	TEMPORARY SEED	704	
800	SY	705402	TEMPORARY MULCH	704	
800	SY	705500	TURFGRASS ESTABLISHMENT	705	
541	SY	705565	REFERTILIZING	705	
541	SY	708220	TURFGRASS SOD ESTABLISHMENT	708	
800	SY	709100	TYPE A SOIL STABILIZATION MATTING	709	
60	LF	715050	TREE ROOT PRUNING	715	

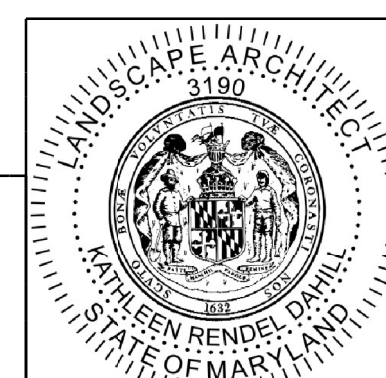


PLANTING DETAIL/DECIDUOUS TREES  
NOT TO SCALE

12/15/2023 UA 2026213204\700 CADD\701 Sheet\Phase 2\PLP-P002-WF\Metric.dgn



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO: 3190 EXPIRATION DATE: 05-07-2023



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

SCSWM 18 OF 18

LP-02

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

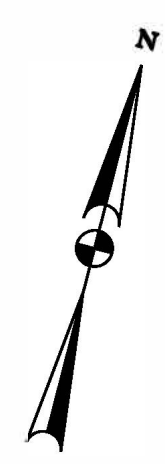
Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

LANDSCAPE NOTES & DETAILS

SCALE : 1" = 30' DATE : JUNE 2023 2023

Project No. : 502106 SHEET 28 of 157

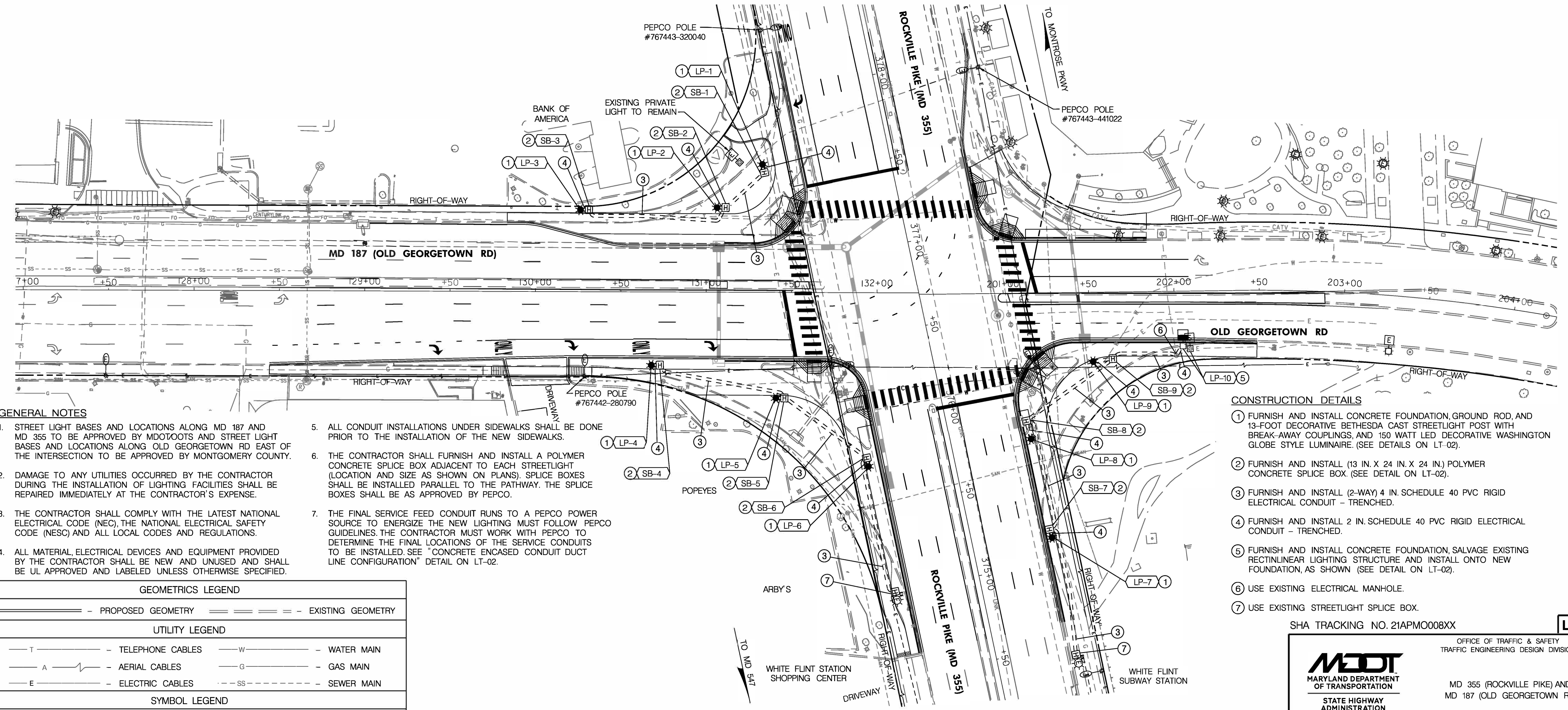
6/1/2023 X:\4664226\202088.01\TECH\CAD\Drawings\Lighting\Phase 2\pLT-001.MXD - Phase 2.dgn



MCDOT PROPOSED STREETLIGHT SCHEDULE												
POLE #	MAPGRID	MCPoleID	STREET NAME	WATTAGE	LAMP TYPE	LUM STYLE	POLE STYLE	FEED TYPE	ADDRESS	STATION AND OFFSET	NORTHING	EASTING
LP-1	5285-B3	10999	ROCKVILLE PIKE	150	LED	WASHINGTON GLOBE	13' DECORATIVE CAST	UG	SB ROCKVILLE PIKE, 1ST LIGHT SOUTH OF OLD GEORGETOWN ROAD	STA. 377+62, 74' LT.	503693	1279762
LP-2	5285-B3	10997	OLD GEORGETOWN ROAD	150	LED	WASHINGTON GLOBE	13' DECORATIVE CAST	UG	WB OLD GEORGETOWN ROAD, 1ST LIGHT WEST OF ROCKVILLE PIKE	STA. 131+06, 49.5' LT.	503662	1279742
LP-3	5285-B3	10995	OLD GEORGETOWN ROAD	150	LED	WASHINGTON GLOBE	13' DECORATIVE CAST	UG	WB OLD GEORGETOWN ROAD, 2ND LIGHT WEST OF ROCKVILLE PIKE	STA. 130+26, 48' LT.	503641	1279666
LP-4	5285-B3	10990	OLD GEORGETOWN ROAD	150	LED	WASHINGTON GLOBE	13' DECORATIVE CAST	UG	EB OLD GEORGETOWN ROAD, 2ND LIGHT WEST OF ROCKVILLE PIKE	STA. 130+68, 43' RT.	503563	1279728
LP-5	5285-B3	10992	OLD GEORGETOWN ROAD	150	LED	WASHINGTON GLOBE	13' DECORATIVE CAST	UG	EB OLD GEORGETOWN ROAD, 1ST LIGHT WEST OF ROCKVILLE PIKE	STA. 131+41, 62' RT.	503562	1279804
LP-6	5285-B3	10994	ROCKVILLE PIKE	150	LED	WASHINGTON GLOBE	13' DECORATIVE CAST	UG	SB ROCKVILLE PIKE, 1ST LIGHT SOUTH OF OLD GEORGETOWN ROAD	STA. 375+76, 50' LT.	503536	1279866
LP-7	5285-B3	10996	ROCKVILLE PIKE	150	LED	WASHINGTON GLOBE	13' DECORATIVE CAST	UG	NB ROCKVILLE PIKE, 2ND LIGHT SOUTH OF OLD GEORGETOWN ROAD	STA. 375+13, 46.5' RT.	503523	1279981
LP-8	5285-B3	10998	ROCKVILLE PIKE	150	LED	WASHINGTON GLOBE	13' DECORATIVE CAST	UG	NB ROCKVILLE PIKE, 1ST LIGHT SOUTH OF OLD GEORGETOWN ROAD	STA. 375+72, 46.5' RT.	503576	1279955
LP-9	5285-B3	11000	OLD GEORGETOWN ROAD	150	LED	WASHINGTON GLOBE	13' DECORATIVE CAST	UG	EB OLD GEORGETOWN ROAD, 1ST LIGHT EAST OF ROCKVILLE PIKE	STA. 201+52, 40.5' RT.	503629	1279979

PROPOSED SPLICE BOX SCHEDULE	
SB NO.	STATION AND OFFSET
SB-1	STA. 377+57, 74' LT.
SB-2	STA. 131+11, 49.5' LT.
SB-3	STA. 130+31, 48' LT.
SB-4	STA. 130+73, 43' RT.
SB-5	STA. 131+46, 62' RT.
SB-6	STA. 375+81, 50' LT.
SB-7	STA. 375+18, 46.5' RT.
SB-8	STA. 375+83, 46.5' RT.
SB-9	STA. 201+64, 39' RT.

MCDOT EXISTING STREETLIGHT TO BE RELOCATED												
POLE #	MAPGRID	MCPoleID	STREET NAME	WATTAGE	LAMP TYPE	LUM STYLE	POLE STYLE	FEED TYPE	ADDRESS	STATION AND OFFSET	NORTHING	EASTING
LP-10	5285-B3	11002	OLD GEORGETOWN ROAD	150	LED	RECTILINEAR	25' BRONZE ROUND ALUMINIUM	UG	EB OLD GEORGETOWN ROAD, 2ND LIGHT EAST OF ROCKVILLE PIKE	STA. 202+05, 32' RT.	503651	1280027



**GENERAL NOTES**

- STREET LIGHT BASES AND LOCATIONS ALONG MD 187 AND MD 355 TO BE APPROVED BY MDT/ROOTS AND STREET LIGHT BASES AND LOCATIONS ALONG OLD GEORGETOWN RD EAST OF THE INTERSECTION TO BE APPROVED BY MONTGOMERY COUNTY.
- DAMAGE TO ANY UTILITIES OCCURRED BY THE CONTRACTOR DURING THE INSTALLATION OF LIGHTING FACILITIES SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL COMPLY WITH THE LATEST NATIONAL ELECTRICAL CODE (NEC), THE NATIONAL ELECTRICAL SAFETY CODE (NEC) AND ALL LOCAL CODES AND REGULATIONS.
- ALL MATERIAL, ELECTRICAL DEVICES AND EQUIPMENT PROVIDED BY THE CONTRACTOR SHALL BE NEW AND UNUSED AND SHALL BE UL APPROVED AND LABELED UNLESS OTHERWISE SPECIFIED.

- ALL CONDUIT INSTALLATIONS UNDER SIDEWALKS SHALL BE DONE PRIOR TO THE INSTALLATION OF THE NEW SIDEWALKS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL A POLYMER CONCRETE SPLICE BOX ADJACENT TO EACH STREETLIGHT (LOCATION AND SIZE AS SHOWN ON PLANS). SPLICE BOXES SHALL BE INSTALLED PARALLEL TO THE PATHWAY. THE SPLICE BOXES SHALL BE AS APPROVED BY PEPCO.
- THE FINAL SERVICE FEED CONDUIT RUNS TO A PEPCO POWER SOURCE TO ENERGIZE THE NEW LIGHTING MUST FOLLOW PEPCO GUIDELINES. THE CONTRACTOR MUST WORK WITH PEPCO TO DETERMINE THE FINAL LOCATIONS OF THE SERVICE CONDUITS TO BE INSTALLED. SEE "CONCRETE ENCASED CONDUIT DUCT LINE CONFIGURATION" DETAIL ON LT-02.

**CONSTRUCTION DETAILS**

- FURNISH AND INSTALL CONCRETE FOUNDATION, GROUND ROD, AND 13-FOOT DECORATIVE BETHESA CAST STREETLIGHT POST WITH BREAK-AWAY COUPLINGS, AND 150 WATT LED DECORATIVE WASHINGTON GLOBE STYLE LUMINAIRE (SEE DETAILS ON LT-02).
- FURNISH AND INSTALL (13 IN. X 24 IN. X 24 IN.) POLYMER CONCRETE SPLICE BOX (SEE DETAIL ON LT-02).
- FURNISH AND INSTALL (2-WAY) 4 IN. SCHEDULE 40 PVC RIGID ELECTRICAL CONDUIT - TRENCHED.
- FURNISH AND INSTALL 2 IN. SCHEDULE 40 PVC RIGID ELECTRICAL CONDUIT - TRENCHED.
- FURNISH AND INSTALL CONCRETE FOUNDATION, SALVAGE EXISTING RECTILINEAR LIGHTING STRUCTURE AND INSTALL ONTO NEW FOUNDATION, AS SHOWN (SEE DETAIL ON LT-02).
- USE EXISTING ELECTRICAL MANHOLE.
- USE EXISTING STREETLIGHT SPLICE BOX.

**GEOMETRICS LEGEND**

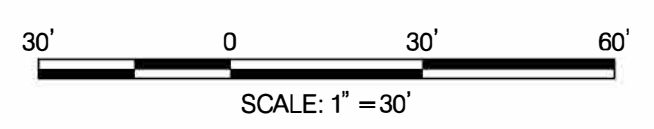
===== PROPOSED GEOMETRY  
 - - - - - EXISTING GEOMETRY

**UTILITY LEGEND**

T - TELEPHONE CABLES  
 W - WATER MAIN  
 A - AERIAL CABLES  
 G - GAS MAIN  
 E - ELECTRIC CABLES  
 SS - SEWER MAIN

**SYMBOL LEGEND**

===== SCHEDULE 40 PVC RIGID ELECTRICAL CONDUIT (REFER TO CONSTRUCTION DETAILS FOR SIZE)  
 \* - PROPOSED DECORATIVE STREET LIGHT POST AND LUMINAIRE  
 [ ] - EXISTING RECTILINEAR STREET LIGHT TO BE SALVAGED AND RELOCATED  
 [ ] - EXISTING RECTILINEAR STREET LIGHT TO BE REMAIN  
 [ ] - RELOCATED RECTILINEAR STREET LIGHT  
 [ ] - PROPOSED SPLICE BOX  
 [ ] - EXISTING SPLICE BOX TO REMAIN  
 [ ] - EXISTING ROADWAY STREET LIGHT TO REMAIN  
 [ ] - EXISTING UTILITY COMPANY LEASED LIGHT TO REMAIN  
 [ ] - EXISTING DECORATIVE STREET LIGHT TO REMAIN  
 [SB-1] - SPLICE BOX ID NO.  
 [LP-1] - STREET LIGHT POLE ID NO.



**Mead & Hunt, INC.**  
 7055 SAMUEL MORSE DRIVE  
 SUITE 100  
 COLUMBIA, MD 21046  
 (443) 741-3500  
 WWW.MEADHUNT.COM

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 27451      EXPIRATION DATE: 01-23-2024



APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

SHA TRACKING NO. 21APMO008XX

**LT-01**

**MDOT**  
 MARYLAND DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY  
 TRAFFIC ENGINEERING DESIGN DIVISION

MD 355 (ROCKVILLE PIKE) AND  
 MD 187 (OLD GEORGETOWN RD)

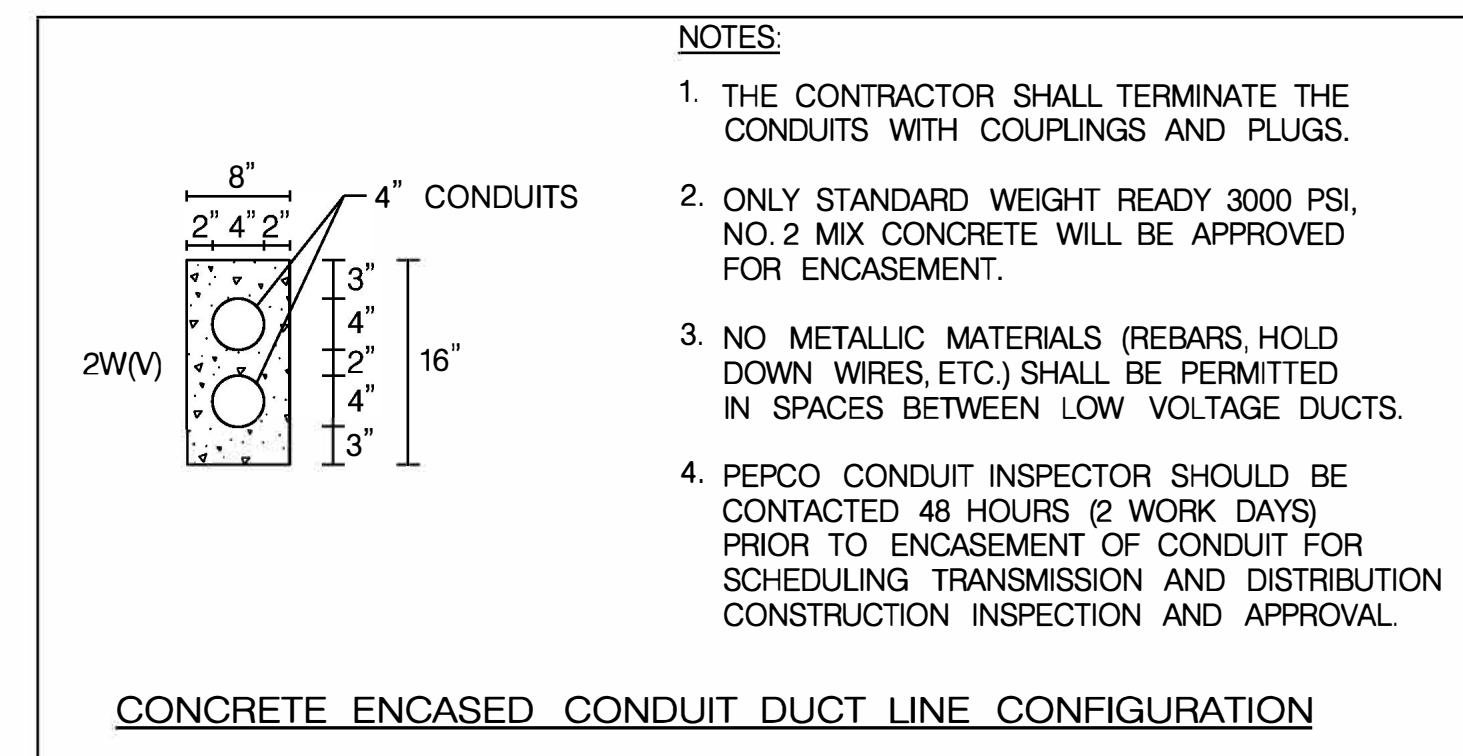
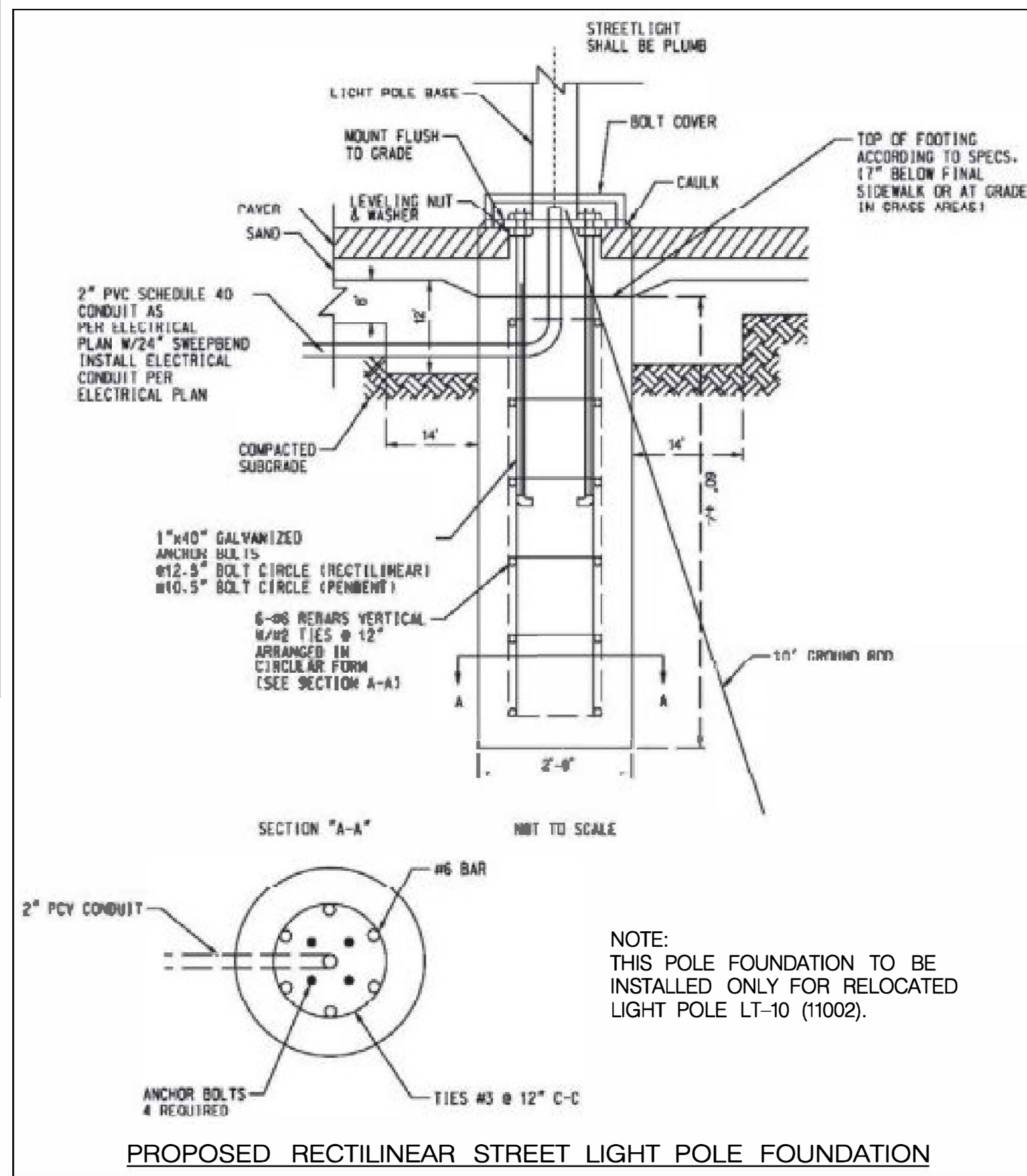
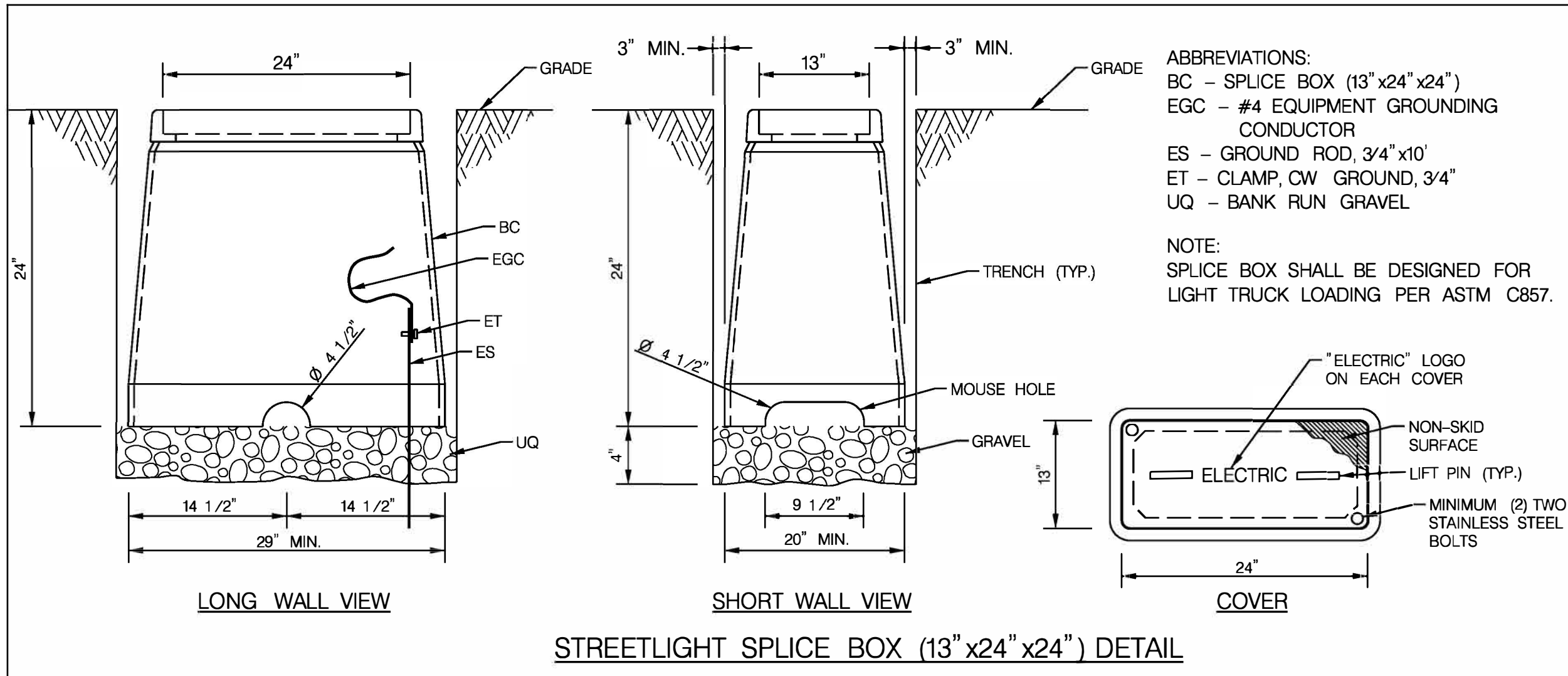
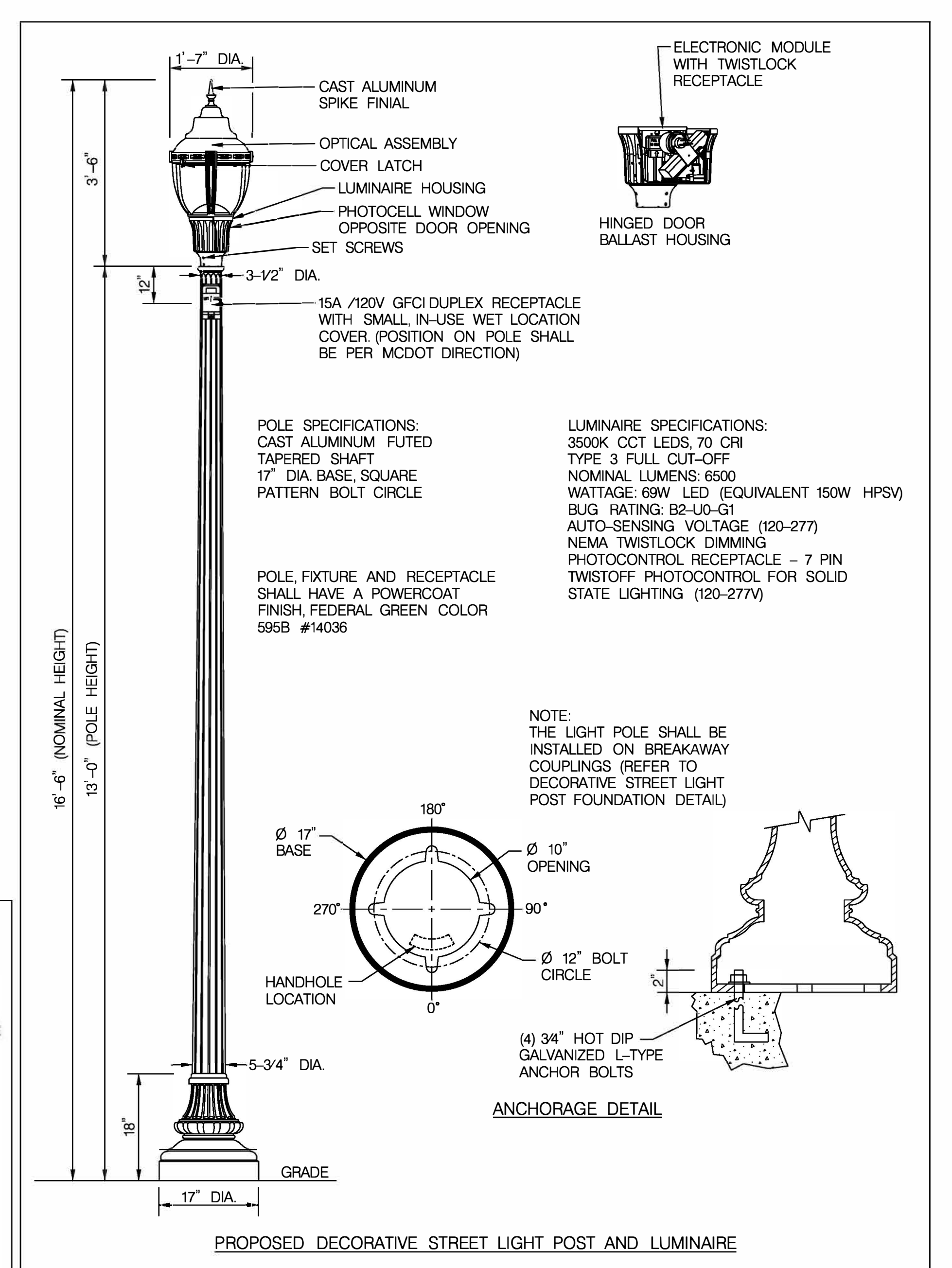
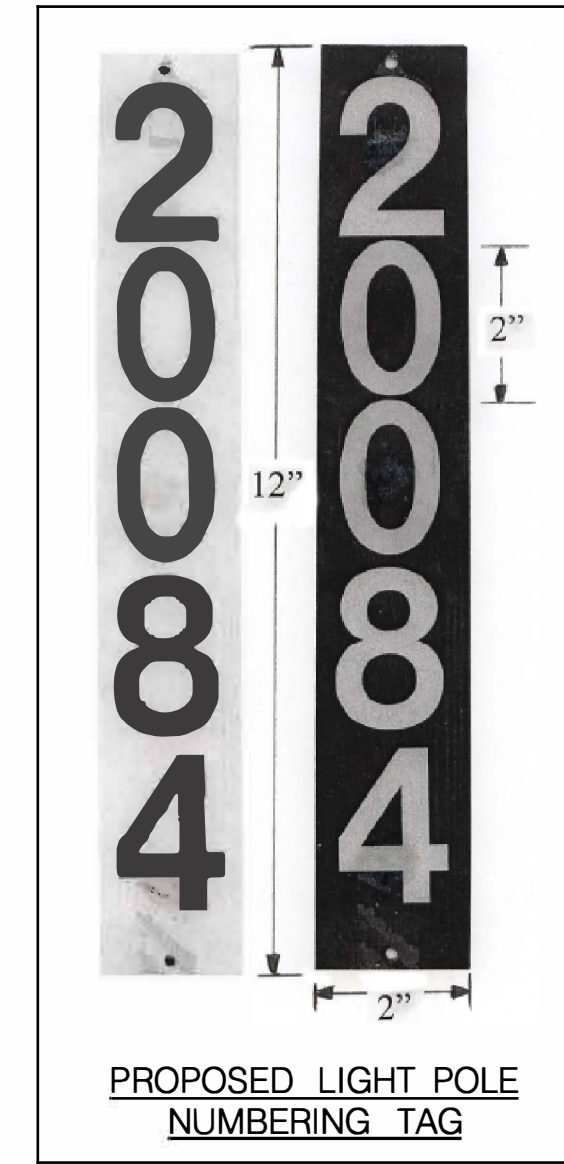
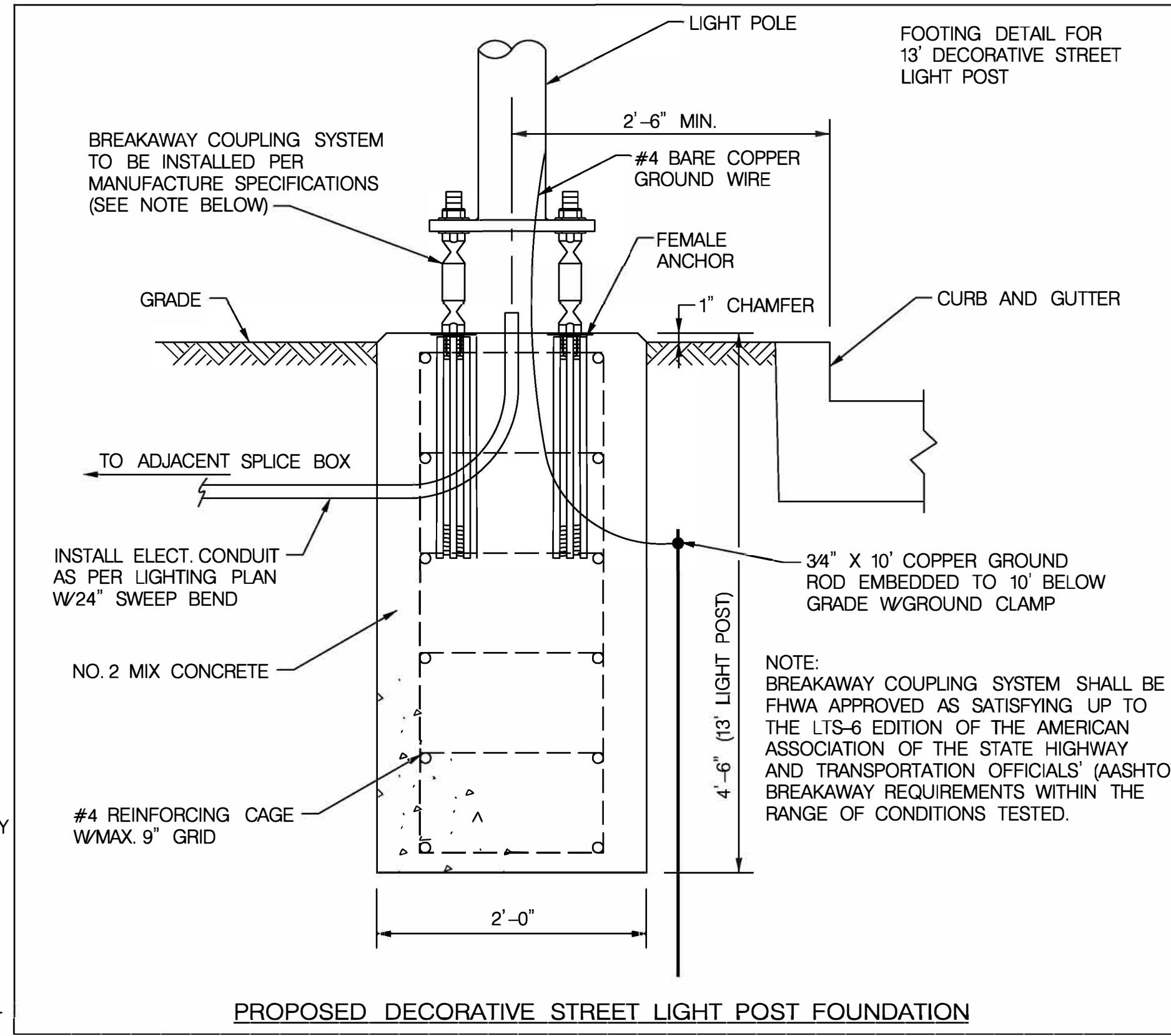
**LIGHTING PLAN**

SCALE 1" = 30', ADVERTISED DATE JUNE 2023, CONTRACT NO. \_\_\_\_\_

DESIGNED BY	WJF	COUNTY	MONTGOMERY
DRAWN BY	WJF	LOGMILE	15035506.356
CHECKED BY	JNW	TIMS NO.	
MDE/PRD	N/A	TOD NO.	
DRAWING NO.	LT-01	OF	02
		SHEET NO.	29 OF 157

**STREETLIGHT CONDUIT INSTALLATION CHECKLIST**

- 2-WAY FOUR INCH (4"), SCHEDULE 40, PVC CONDUIT TO BE INSTALLED BY THE CONTRACTOR CONNECTING EACH SPLICEBOX IN A CONTINUOUS RUN.
- TWO INCH (2"), SCHEDULE 40, PVC CONDUIT TO BE INSTALLED BY THE CONTRACTOR CONNECTING THE SPLICEBOX TO THE STREET LIGHT FOOTING.
- CONTRACTOR TO PROVIDE AND INSTALL PHOTOCELLS FOR EACH STREET LIGHT LUMINAIRE.
- STREETLIGHT AND POST ERECTED BY THE CONTRACTOR ARE TO BE WIRED WITH #10 AWG (MIN.) COPPER WITH A THREE FOOT MINIMUM LOOP OF SLACK IN THE SPLICEBOX FOR ATTACHMENT BY PEPCO.
- STREETLIGHT POSTS ARE TO HAVE A GROUNDING LUG ATTACHED TO THE BASE OF THE POST WITH A MINIMUM THREE FOOT LOOP OF SLACK IN THE SPLICEBOX OF #6 AWG BARE COPPER WIRE ATTACHED.
- ALL SWEEPBENDS TO BE MINIMUM OF 24 INCHES RADIUS.
- 1/4" NYLON PULL-LINES IS TO BE INSTALLED IN EACH CONDUIT DUCT.
- CONTRACTOR TO INSTALL MARKING TAPE ONE FOOT (1") ABOVE EACH CONDUIT RUN.
- NO MORE THAN 180 DEGREES OF BENDS IN A CONDUIT RUN.
- CONDUIT IS TO HAVE THREE (3) FEET (MINIMUM) OF COVER OVER IT.
- INSTALLATION OF ALL UNDERGROUND LIGHTING FACILITIES ARE ALSO SUBJECT TO PEPCO INSPECTION AND WRITTEN APPROVAL BEFORE CONCEALMENT. FAILURE TO OBTAIN SUCH INSPECTION WILL RESULT IN THE UNCOVERING OF FACILITIES AT THE CONTRACTOR'S EXPENSE. CALL (202) 388-2137 7:00 TO 9:00 AM OR 3:00 TO 4:00 PM TWO WORKING DAYS IN ADVANCE TO ARRANGE INSPECTION.
- ALL STREETLIGHT EQUIPMENT AND MATERIALS SHALL BE SUBMITTED TO MONTGOMERY COUNTY FOR APPROVAL PRIOR TO BEING INSTALLED ON THE PROJECT. SEE SPECIAL PROVISIONS FOR STREETLIGHT SPECIFICATIONS.
- ALL STREETLIGHTS SHALL BE INSTALLED 2'-6" BEHIND THE FACE OF THE CURB (EXCEPT AS NOTED ON PLANS).
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS / CATALOG CUTS FOR ALL LIGHTING EQUIPMENT TO MONTGOMERY COUNTY TRAFFIC OPERATIONS DIVISION FOR APPROVAL PRIOR TO INSTALLATION.



SHA TRACKING NO. 21APM008XX

LT-02

OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

**MDOT**  
MARYLAND DEPARTMENT OF TRANSPORTATION

STATE HIGHWAY ADMINISTRATION

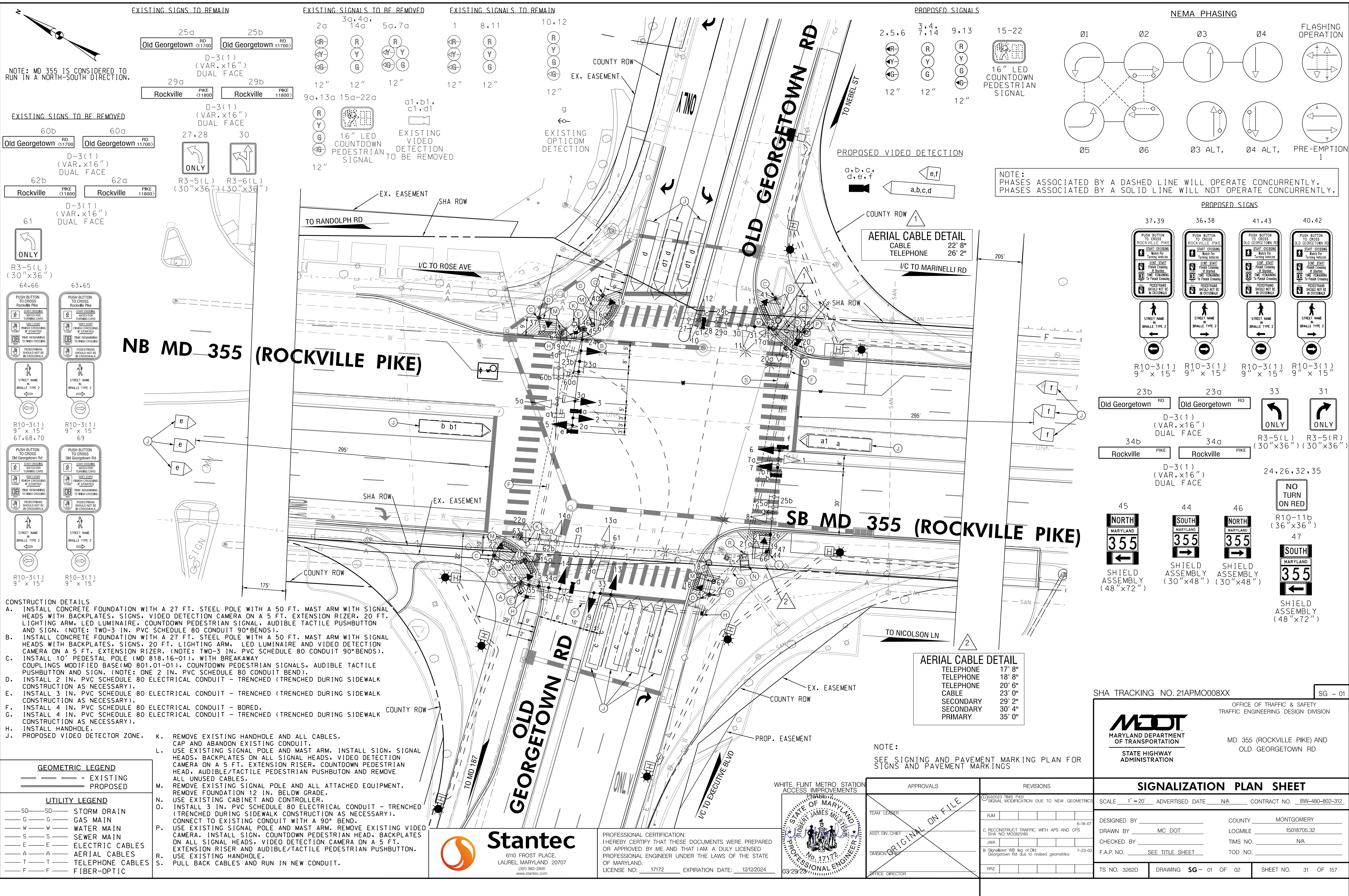
MD 355 (ROCKVILLE PIKE) AND  
MD 187 (OLD GEORGETOWN RD)

REVISIONS		LIGHTING NOTES AND DETAILS	
SCALE NONE		ADVERTISED DATE JUNE 2023 CONTRACT NO.	
DESIGNED BY	WJF	COUNTY	MONTGOMERY
DRAWN BY	WJF	LOGMILE	15035506.356
CHECKED BY	JINW	TIMS NO.	
MDE/PRD	N/A	TOD NO.	
DRAWING NO.	LT-02	OF	02
		SHEET NO.	30 OF 157

**Mead & Hunt**

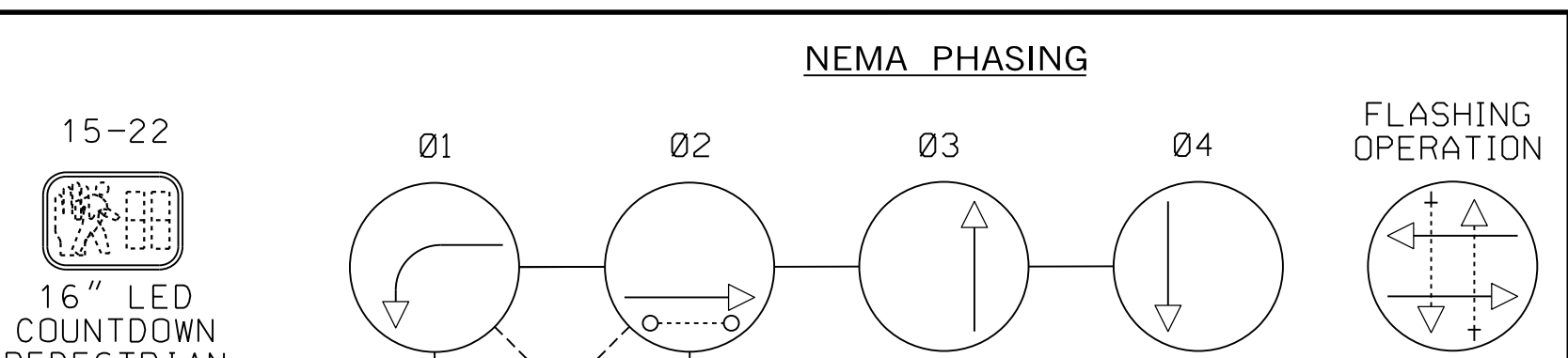
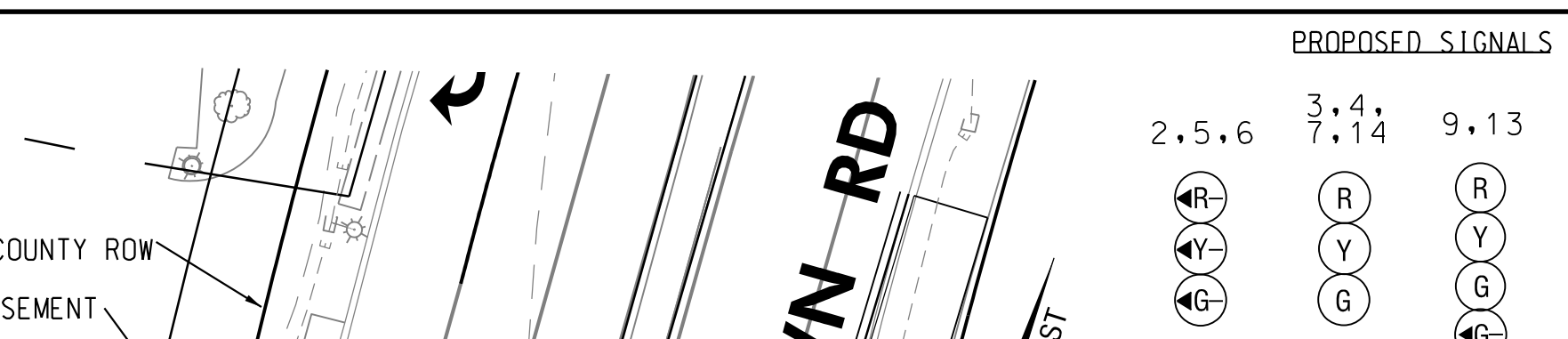
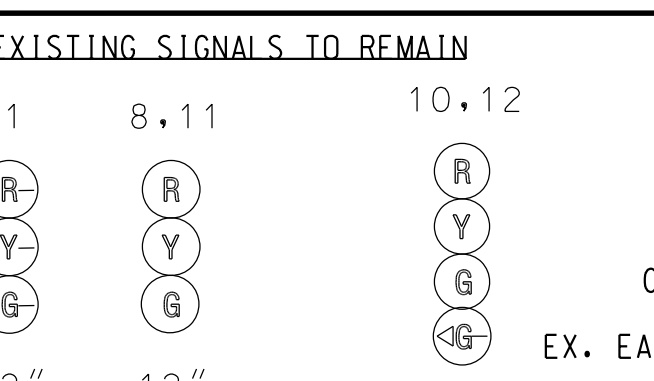
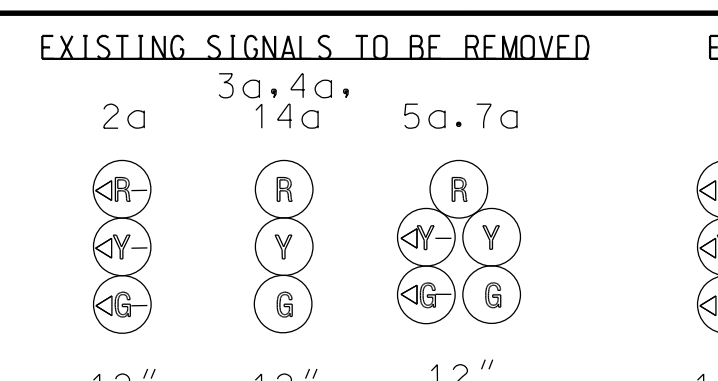
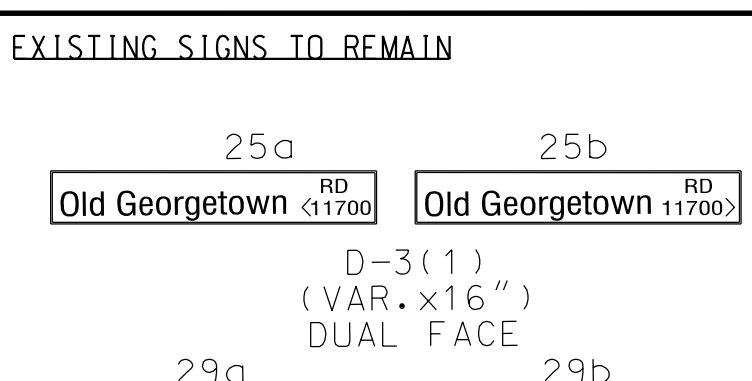
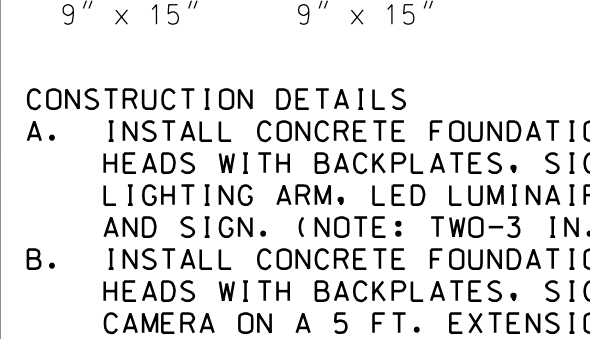
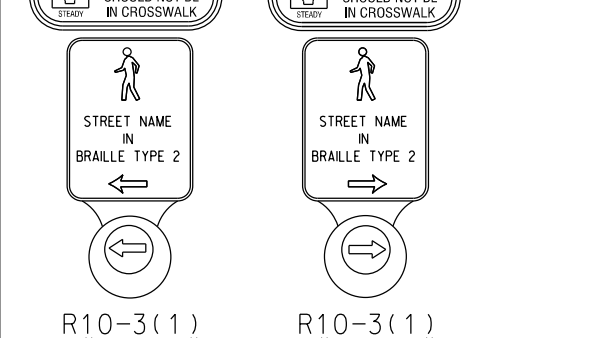
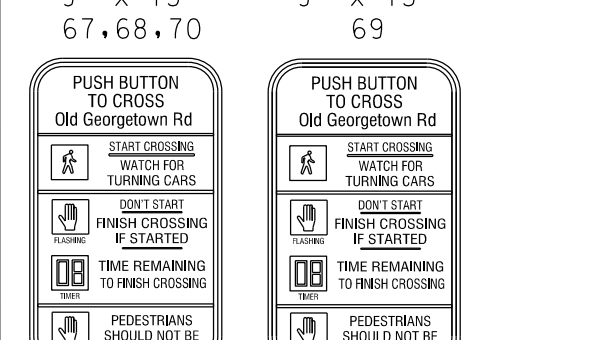
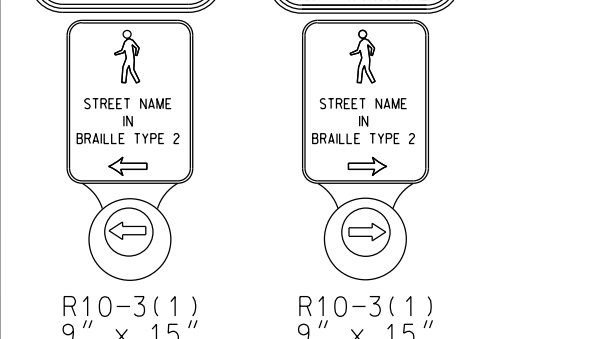
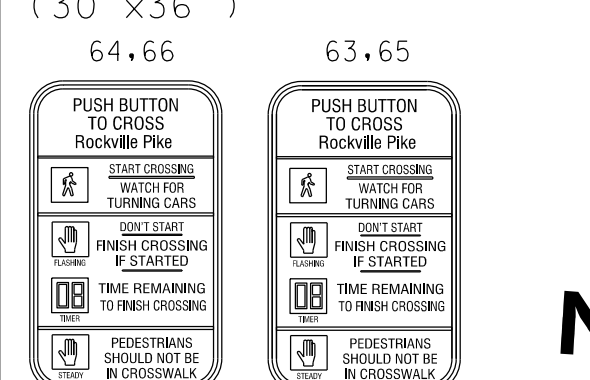
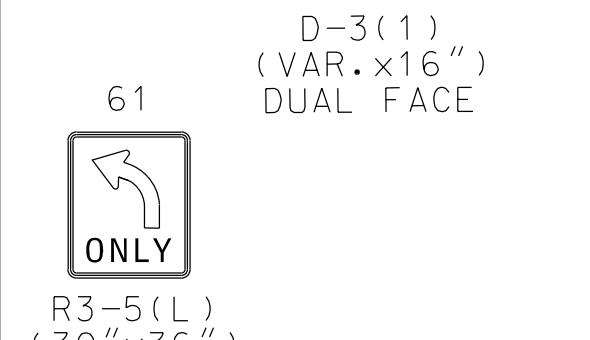
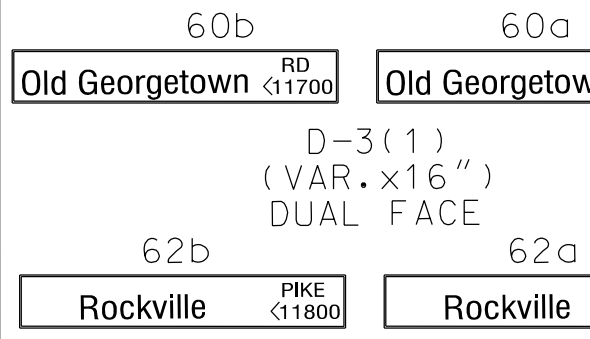
MEAD & HUNT, INC.  
7055 SAMUEL MORSE DRIVE  
SUITE 100  
COLUMBIA, MD 21046  
(443) 741-3500  
WWW.MEADHUNT.COM

6/1/2023 X:\4664226\202088.01\TECH\CAD\Drawings\Lighting\Phase 2\pLT-S002\_WFMeTro - Phase 2.dgn



NOTE: MD 355 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

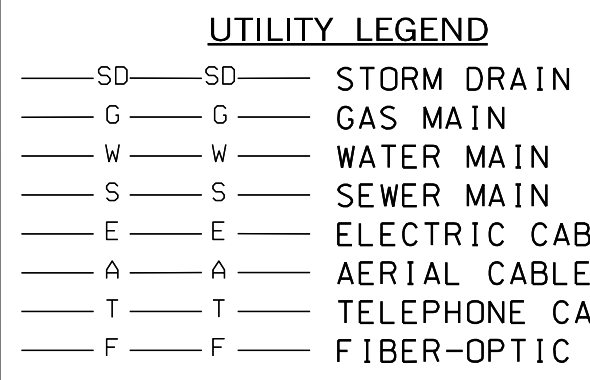
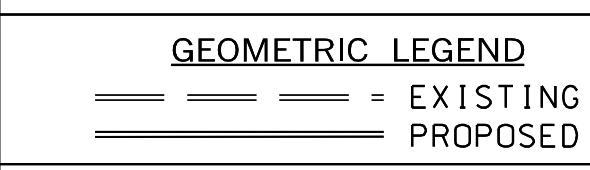
EXISTING SIGNS TO BE REMOVED



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

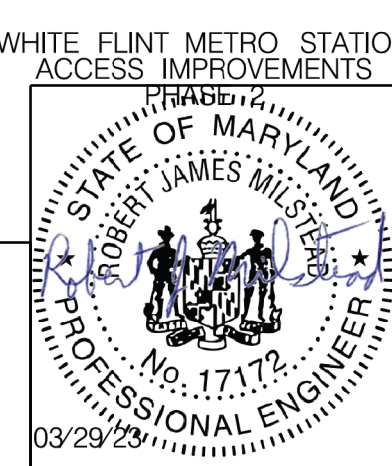
- CONSTRUCTION DETAILS
- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A 50 FT. MAST ARM WITH SIGNAL HEADS WITH BACKPLATES, SIGNS, VIDEO DETECTION CAMERA ON A 5 FT. EXTENSION RIZER, 20 FT. LIGHTING ARM, LED LUMINAIRE, COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: TWO-3 IN. PVC SCHEDULE 80 CONDUIT 90° BENDS).
  - INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A 50 FT. MAST ARM WITH SIGNAL HEADS WITH BACKPLATES, SIGNS, 20 FT. LIGHTING ARM, LED LUMINAIRE AND VIDEO DETECTION CAMERA ON A 5 FT. EXTENSION RIZER. (NOTE: TWO-3 IN. PVC SCHEDULE 80 CONDUIT 90° BENDS).
  - INSTALL 10' PEDESTAL POLE (MD 818.16-01), WITH BREAKAWAY COUPLINGS MODIFIED BASE (MD 801.01-01), COUNTDOWN PEDESTRIAN SIGNALS, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: ONE 2 IN. PVC SCHEDULE 80 CONDUIT BEND).
  - INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (TRENCHED DURING SIDEWALK CONSTRUCTION AS NECESSARY).
  - INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (TRENCHED DURING SIDEWALK CONSTRUCTION AS NECESSARY).
  - INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
  - INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (TRENCHED DURING SIDEWALK CONSTRUCTION AS NECESSARY).
  - INSTALL HANDHOLE.
  - PROPOSED VIDEO DETECTOR ZONE.

- REMOVE EXISTING HANDHOLE AND ALL CABLES. CAP AND ABANDON EXISTING CONDUIT.
- USE EXISTING SIGNAL POLE AND MAST ARM. INSTALL SIGN, SIGNAL HEADS, BACKPLATES ON ALL SIGNAL HEADS, VIDEO DETECTION CAMERA ON A 5 FT. EXTENSION RIZER, COUNTDOWN PEDESTRIAN HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON AND REMOVE ALL UNUSED CABLES.
- REMOVE EXISTING SIGNAL POLE AND ALL ATTACHED EQUIPMENT. REMOVE FOUNDATION 12 IN. BELOW GRADE.
- USE EXISTING CABINET AND CONTROLLER.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (TRENCHED DURING SIDEWALK CONSTRUCTION AS NECESSARY). CONNECT TO EXISTING CONDUIT WITH A 90° BEND.
- USE EXISTING SIGNAL POLE AND MAST ARM. REMOVE EXISTING VIDEO CAMERA. INSTALL SIGN, COUNTDOWN PEDESTRIAN HEAD, BACKPLATES ON ALL SIGNAL HEADS, VIDEO DETECTION CAMERA ON A 5 FT. EXTENSION RIZER AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON. USE EXISTING HANDHOLE.
- PULL BACK CABLES AND RUN IN NEW CONDUIT.



**Stantec**  
6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2800  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO: 17172 EXPIRATION DATE: 12/12/2024



APPROVALS

TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

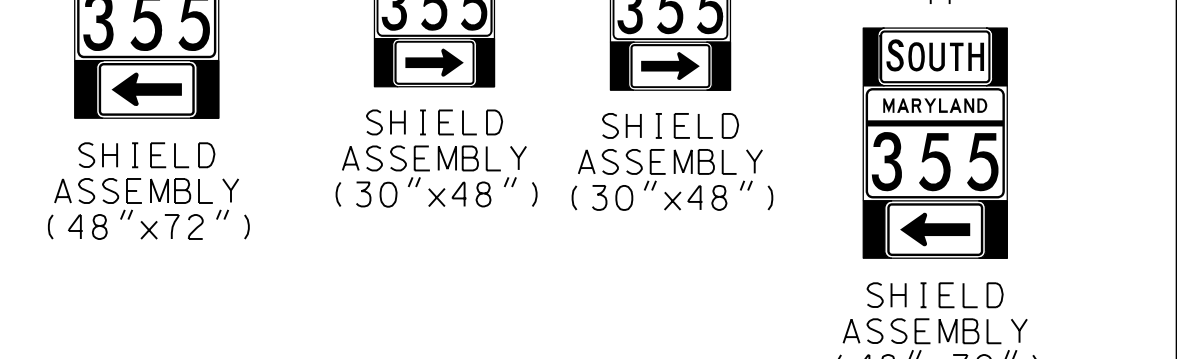
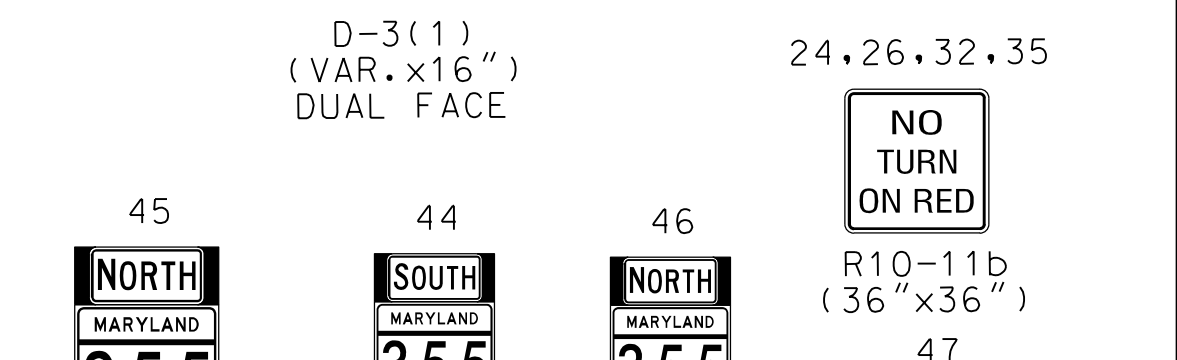
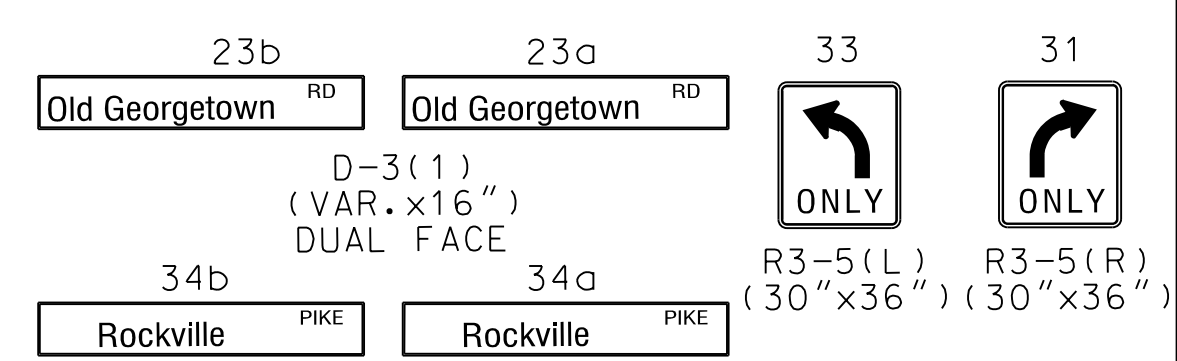
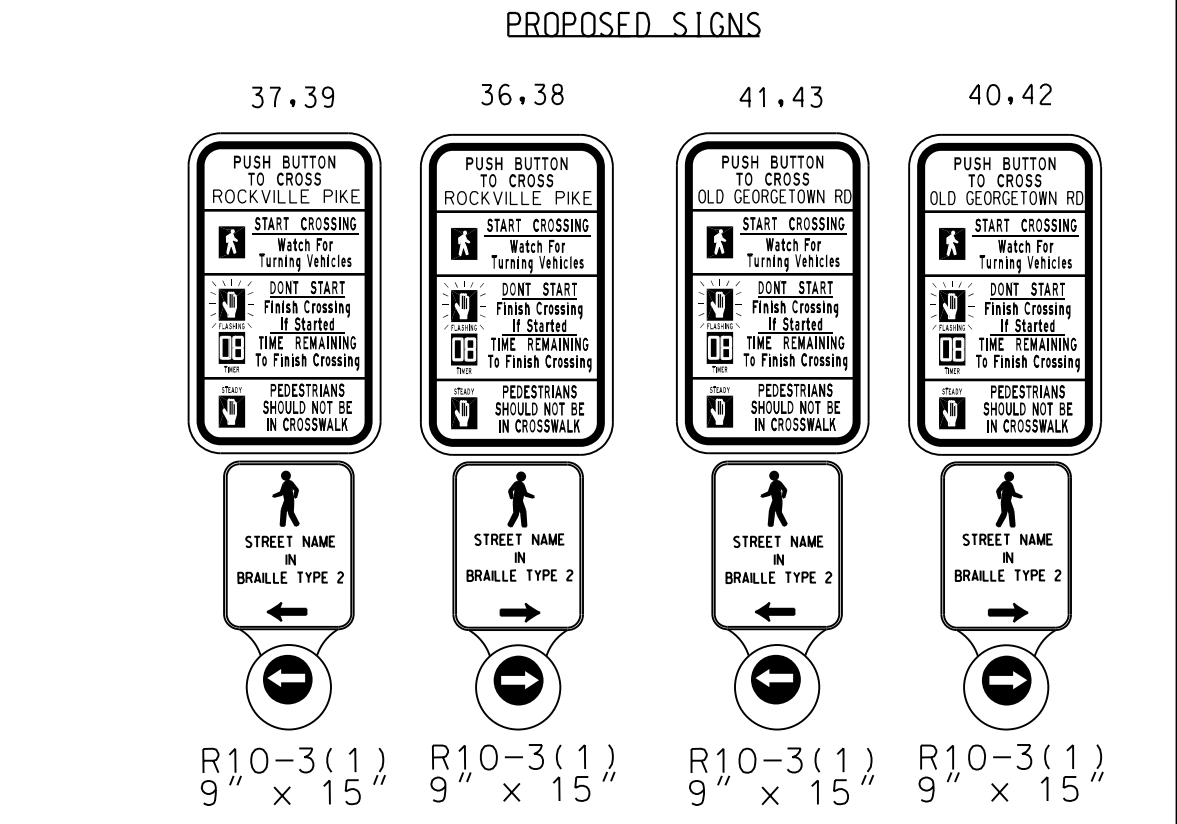
REVISIONS

03/29/23	TMS P431	SIGNAL MODIFICATION DUE TO NEW GEOMETRICS
RJM		6-18-07
C	RECONSTRUCT TRAFFIC WITH AFS AND CPS	SHA NO: M0282985
JWA		
6	Signalized WB leg of Old Georgetown Rd due to revised geometrics	7-23-03
PRZ		

NOTE: SEE SIGNING AND PAVEMENT MARKING PLAN FOR SIGNS AND PAVEMENT MARKINGS

AERIAL CABLE DETAIL

TELEPHONE	17' 8"
TELEPHONE	18' 8"
TELEPHONE	20' 6"
CABLE	23' 0"
SECONDARY	29' 2"
SECONDARY	30' 4"
PRIMARY	35' 0"



SHA TRACKING NO. 21APMO08XX SG - 01

**MDOT**  
MARYLAND DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 355 (ROCKVILLE PIKE) AND OLD GEORGETOWN RD

**SIGNALIZATION PLAN SHEET**

SCALE 1"=20' ADVERTISED DATE NA CONTRACT NO. BW-480-802-312

DESIGNED BY COUNTY MONTGOMERY  
DRAWN BY MC DOT LOGMILE 15018705.32  
CHECKED BY TMS NO. NA  
F.A.P. NO. SEE TITLE SHEET TOD NO.

TS NO. 3262D DRAWING SG-01 OF 02 SHEET NO. 31 OF 157

12/15/2023 UA\2026213204\700 CADD\701 Sheet\Phase 2\PSG-POOL-WFMeTr.cdw

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 355 (ROCKVILLE PIKE) AND OLD GEORGETOWN RD IN MONTGOMERY COUNTY.

THE MODIFICATIONS INCLUDE TWO NEW MAST ARM POLES AND NEW PEDESTRIAN POLES WITH PEDESTRIAN SIGNALS AND AUDIBLE PUSHBUTTONS.

MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION IS TO OPERATE IN A NEMA 6-PHASE, SEMI-ACTUATED MODE. WITH THE MD 355 (ROCKVILLE PIKE) APPROACHES RUNNING CONCURRENTLY. AN EXCLUSIVE LEFT TURN PHASE SHALL BE PROVIDED FOR NORTHBOUND AND SOUTHBOUND APPROACHES OF MD 355 (ROCKVILLE PIKE). A COUNTDOWN PEDESTRIAN PHASE WITH AUDIBLE PUSHBUTTON ACTUATION SHALL BE PROVIDED ACROSS THE NORTH AND SOUTH LEGS OF MD 355 (ROCKVILLE PIKE). THE OLD GEORGETOWN ROAD APPROACHES SHALL OPERATE AS A SIDE STREET SPLIT PHASE. A COUNTDOWN PEDESTRIAN PHASE WITH AUDIBLE PUSHBUTTON ACTUATION SHALL BE PROVIDED ACROSS THE EAST AND WEST LEGS OF OLD GEORGETOWN ROAD WITH A LEADING PEDESTRIAN INTERVAL.

III. CONTROLLER REQUIREMENTS

MONTGOMERY COUNTY SIGNAL SHOP SHALL INSTALL THE APS CONTROL UNIT INTO THE CONTROLLER CABINET. THE CONTRACTOR SHALL DELIVER THE CONTROL UNIT AND AUDIBLE PUSHBUTTONS TO THE MONTGOMERY COUNTY SIGNAL SHOP FOR TESTING AND PROGRAMMING.

IV. PEDESTRIAN OPERATION

NAVIGATOR AUDIBLE PEDESTRIAN PUSHBUTTONS TO CROSS THE NORTH, SOUTH, EAST AND WEST LEGS OF THE INTERSECTION ARE TO BE PROVIDED. WHEN THE PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:

EAST AND WEST: "WAIT TO CROSS ROCKVILLE AT OLD GEORGETOWN. WAIT." WHEN THE WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE.

NORTH AND SOUTH: "WAIT TO CROSS OLD GEORGETOWN AT ROCKVILLE. WAIT." WHEN THE WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE.

GENERAL NOTES

- 1. FOR FINAL PAVEMENT MARKINGS, REFER TO THE PAVEMENT MARKING PLANS, AS APPLICABLE; OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH ADMINISTRATION STANDARDS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
3. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN THE APPROPRIATE 800 SERIES STANDARD PLATES. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
4. FOR MONTGOMERY COUNTY PROJECTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERING THE VIDEO INTERFACE EQUIPMENT TO THE MONTGOMERY COUNTY SIGNAL SHOP. COUNTY FORCES WILL COMPLETE THE RETROFIT WORK IN THE EXISTING CABINET.
5. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
6. THE CONTRACTOR SHALL MAINTAIN THE CONTINUOUS OPERATION OF ALL INTERCONNECT, VEHICULAR, PEDESTRIAN DETECTORS, AND LIGHTING DEVICES. IF ANY DEVICE IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPAIRED WITHIN 72 HOURS BY THE CONTRACTOR AT NO COST TO THE ADMINISTRATION AFTER NOTIFICATION BY THE ENGINEER.
7. DURING CONSTRUCTION, PROPOSED SIGNAL EQUIPMENT SHALL NOT BLOCK EXISTING SIGNAL EQUIPMENT.
8. ALL UNUSED CABLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
9. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
10. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS OPERATION OF SIGNAL THROUGHOUT CONSTRUCTION.

PROJECT CONTACT LIST

Table with 2 columns: DISTRICT 3 (MR. DEREK GUNN, PE, MR. JOSEPH MOGES, MR. MARK LOEFFLER, MR. JOHN GOVER, MR. GREGORY EDWARDS) and OFFICE OF TRAFFIC AND SAFETY (REBECCA LICHTENSTEIN, MR. ANTONIE YATES, MR. MIKE BASSO, MR. DAVID "TODD" JONES, MR. MICHAEL BOYLE).

MONTGOMERY COUNTY

MR. KAMAL HAMUD, MONTGOMERY COUNTY-TRAFFIC ENGINEERING, PHONE NUMBER 301-777-8761

PEPCO

MR. PAUL WILSON, PHONE 202-833-7500

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION:

Table with 3 columns: ITEM NO./CAT CODE, QUANTITY, DESCRIPTION

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR:

Table with 3 columns: ITEM NO./CAT CODE, QUANTITY, DESCRIPTION (includes concrete foundations, signs, handholes, wires, cameras, poles, etc.)

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA:

IF THE CABINET IS TO BE REMOVED SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

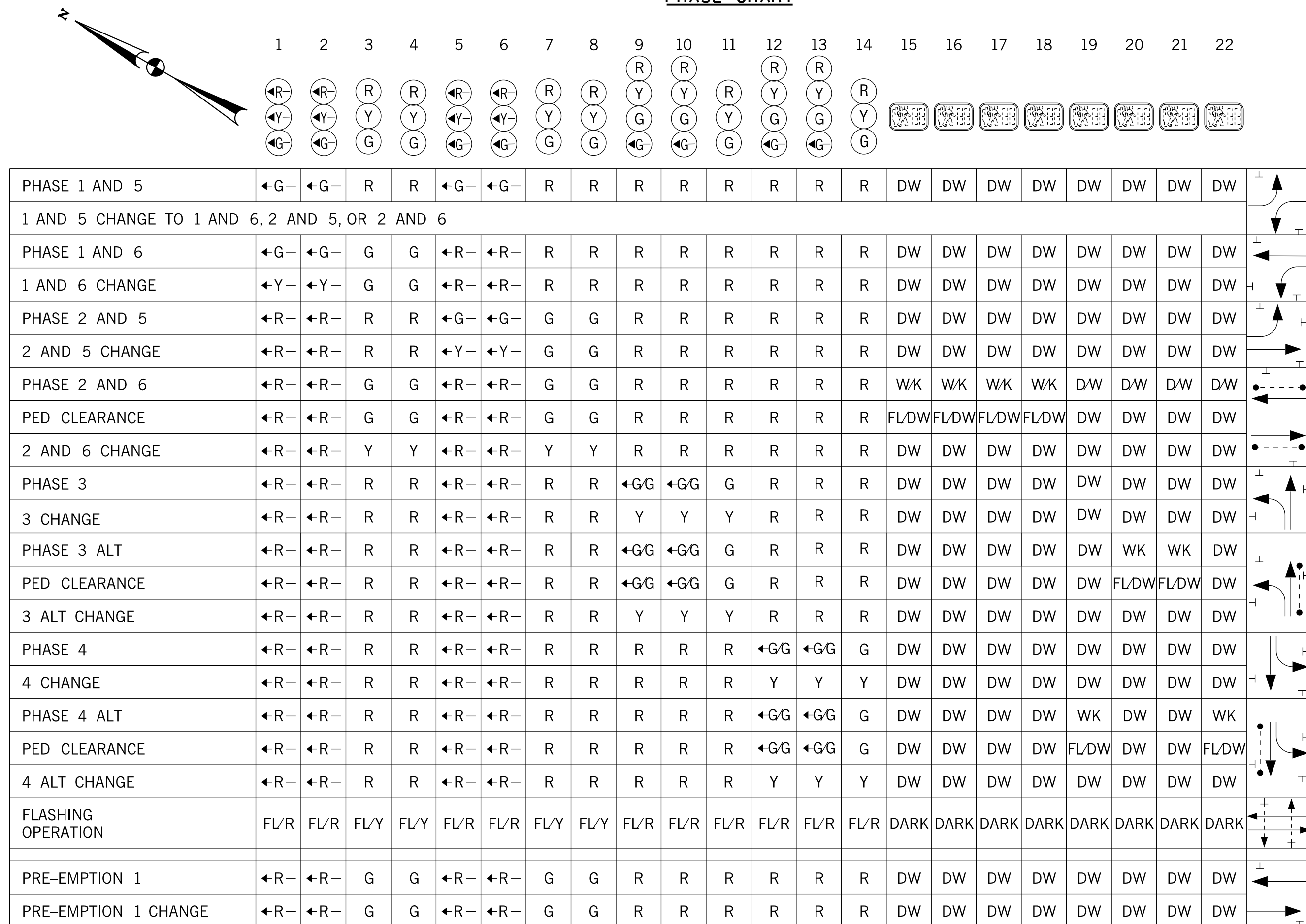
MAINTENANCE OF TRAFFIC NOTE

MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE FOLLOWING STANDARD PLATES FOR TRAFFIC CONTROL:

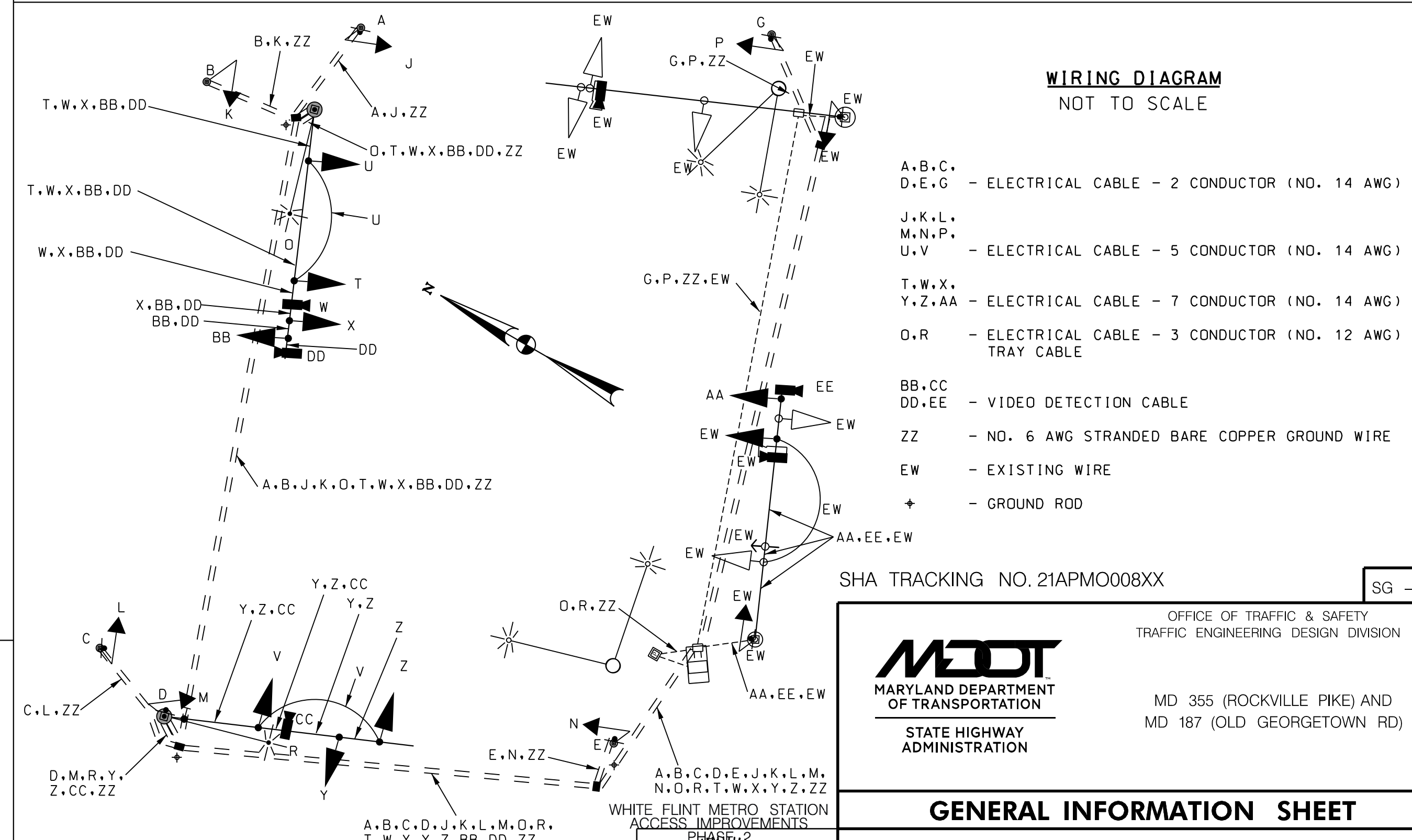
- STANDARD NO. 104.04-14 (LEFT-TURN BAY CLOSEURE/DIVIDED UNCON. EOL/LESS THAN 40 MPH)
STANDARD NO. 104.04-16 (INTER. (LEFT LANE, TURN BAY) CLOSEURE/DIVIDED UNCON. EOL/LESS THAN 40 MPH)

ADDITIONAL TRAFFIC CONTROL STANDARDS MAY BE USED AS DIRECTED BY THE ENGINEER.

PHASE CHART



WIRING DIAGRAM NOT TO SCALE



- A,B,C, D,E,G - ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)
J,K,L, M,N,P, U,V - ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
T,W,X, Y,Z,AA - ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
O,R - ELECTRICAL CABLE - 3 CONDUCTOR (NO. 12 AWG) TRAY CABLE
BB,CC DD,EE - VIDEO DETECTION CABLE
ZZ - NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
EW - EXISTING WIRE
+ - GROUND ROD

SHA TRACKING NO. 21APMO008XX

SG - 02

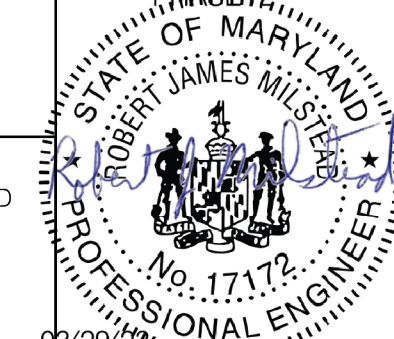
Maryland Department of Transportation logo and address: MD 355 (ROCKVILLE PIKE) AND MD 187 (OLD GEORGETOWN RD)

GENERAL INFORMATION SHEET

Table with fields: SCALE, NTS, ADVERTISED DATE, CONTRACT NO., DESIGNED BY, DRAWN BY, CHECKED BY, F.A.P. NO., COUNTY, LOGMILE, TMS NO., TOD NO.

Stantec logo and address: 610 FROST PLACE, LAUREL, MARYLAND 20707

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



12/15/2023 UA:2026213204\700 CADD\701\_Sheet\Phase 2\pSG-N001\_WFMetro.dgn



TEMPORARY TRAFFIC CONTROL REQUIREMENTS

1. THE PERMITTEE SHALL REFER TO THE ATTACHED TEMPORARY TRAFFIC CONTROL PLAN (TTCP) DRAWINGS. WORK ZONE SITUATIONS WHICH ARE NOT ADDRESSED IN THE ATTACHED TTCP SHALL CONFORM TO THE GUIDELINES SET FORTH IN SECTION 6 OF THE 2011 'MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS' (MDMUTCD), MOST RECENT EDITION.
2. THE PERMITTEE MUST HAVE A CERTIFIED TRAFFIC CONTROL MANAGER ON SITE DURING ALL PHASES OF INSPECTION AND CONSTRUCTION AT ALL TIMES.
3. EACH PHASE OF INSPECTION AND CONSTRUCTION, INCLUDING THE FOLLOW UP RESTORATION OPERATIONS, SHALL BE PROVIDED WITH APPROPRIATE WORK ZONE TRAFFIC CONTROLS.
4. ANY WORK WITHIN THE TRAVELED PORTION OF ROADWAYS SHALL BE RESTRICTED TO THE HOURS LISTED IN THE SPECIFICATIONS, MONDAY THROUGH FRIDAY. WORK ON HOLIDAYS AND WEEKENDS SHALL NOT OCCUR UNLESS AN EXEMPTION IS GRANTED IN WRITING BY THE COUNTY'S INSPECTOR.
5. CONSTRUCTION ACTIVITY, LOADING OR UNLOADING OF EQUIPMENT SHALL NOT BLOCK ANY TRAFFIC LANE OTHER THAN THOSE DELINEATED WITHIN THE WORK ZONE.
6. EXCLUSIVE OF EMERGENCY WORK, THE PERMITTEE SHALL CONTACT OCCUPANTS OF ALL ADJOINING PROPERTIES AND INFORM THEM OF THE SCOPE AND THE TIMING OF CONSTRUCTION. A MINIMUM OF 24 HOURS NOTIFICATION SHALL BE REQUIRED PRIOR TO THE COMMENCEMENT OF ANY ACTIVITY ON THE SITE.
7. ACCESS SHALL BE MAINTAINED TO ALL DRIVEWAYS UNLESS PERMISSION FOR CLOSURE IS GRANTED BY THE PROPERTY OWNER/MANAGER. HOWEVER, ACCESSIBILITY FOR EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES.
8. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MOST RECENT EDITION OF THE 2011 MDMUTCD. ALL SIGNS, TRAFFIC DRUMS AND CONES SHALL BE FULLY REFLECTORIZED WITH HIGH INTENSITY, REFLECTIVE SHEETING AS PER THE MUTCD. TEMPORARY SIGNS SHALL BE FLUORESCENT ORANGE.
9. ALL WARNING SIGNS, UNLESS OTHERWISE SPECIFIED, SHALL BE A MINIMUM OF 48" X 48", BLACK SYMBOL OR LEGEND ON FLUORESCENT ORANGE BACKGROUND AND DIAMOND SHAPED. ALL WARNING SIGNS NOT APPLICABLE TO THE ACTUAL SITUATION SHALL BE REMOVED OR COVERED DURING NON-APPLICABLE PERIODS. ALL PORTABLE SIGNS SHALL BE MOUNTED A MINIMUM OF ONE (1) FOOT ABOVE THE LEVEL OF THE ROADWAY, WITH HIGHER MOUNTING HEIGHTS DESIRABLE.
10. IF ANY TEMPORARY TRAFFIC CONTROL SIGNS ARE TO BE PLACED ALONG A MDT SHA ROADWAY OR WITHIN THE LIMITS OF AN INCORPORATED AREA, THE PERMITTEE SHALL NOTIFY THE APPROPRIATE AGENCY OF SIGNAGE TO BE INSTALLED.
11. DURING NIGHTTIME OPERATIONS REFLECTORIZED TRAFFIC DRUMS SHALL BE USED. HOWEVER, FOR EMERGENCY WORK ACTIVITIES WHERE TRAFFIC DRUMS ARE NOT AVAILABLE, REFLECTORIZED TRAFFIC CONES THAT ARE A MINIMUM OF TWENTY EIGHT (28) INCHES IN HEIGHT AND HAVING SIX (6) INCH AND FOUR (4) INCH REFLECTIVE COLLARS WITHIN THE TOP SIXTEEN (16) INCHES OF THE CONE MAY BE USED. ALL WORK AREAS LEFT UNATTENDED AT NIGHT SHALL BE DELINEATED WITH REFLECTORIZED TRAFFIC DRUMS.
12. THE PERMITTEE SHALL OBTAIN A TEMPORARY NOISE WAIVER FROM THE MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR ALL NIGHTTIME CONSTRUCTION ACTIVITIES.
13. INSTALLATION AND USE OF ARROW PANELS SHALL BE IN ACCORDANCE WITH MDT SHA STANDARD MD 104.05-05 AND MD 104.05-09. AS INDICATED ON THE PLANS, A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.
14. FOR RELOCATION OF THE WATER MAIN AND INSTALLATION OF STORM DRAIN PIPES, ALL TRENCHES SHALL BE COVERED WITH STEEL PLATES AT THE END OF EACH WORK SHIFT TO PROTECT FROM PAVEMENT DROP-OFFS. A W8-8(4) SIGN - STEEL PLATE IN USE - SHALL BE INSTALLED IN ADVANCE OF EACH USE. REFER TO MDT SHA STANDARD MD 104.01-85 AND MD 104.01-86 FOR MORE DETAILS.
15. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ALL OTHER PROJECTS IN THE AREA, INCLUDING FOR PLACEMENT OF MAINTENANCE OF TRAFFIC CONTROL DEVICES. CONTRACTOR SHALL NOT REMOVE OTHER PROJECTS' MOT DEVICES. CONTRACTOR SHALL RESOLVE CONFLICTING MOT DEVICES WITH OTHER PROJECTS.
16. PORTABLE VARIABLE MESSAGE SIGNS (VMS) SHALL BE PLACED IN ADVANCE OF THE PROJECT AREA. VMS SHOULD BE INSTALLED TWO WEEKS PRIOR TO CONSTRUCTION. PRELIMINARY LOCATIONS AS FOLLOWS:
  - a. TWO (2) ON SOUTHBOUND MD 355, APPROXIMATELY 300 FEET NORTH OF ROSE AVENUE, ONE ON EACH SIDE OF ROADWAY
  - b. TWO (2) ON NORTHBOUND MD 355, NORTH OF MARINELLI ROAD, ONE ON EACH SIDE OF ROADWAY
  - c. ONE (1) EASTBOUND OLD GEORGETOWN ROAD, EAST OF GRAND PARK AVENUE
  - d. ONE (1) WESTBOUND OLD GEORGETOWN ROAD, WEST OF CITADEL AVENUE
17. FINAL VMS MESSAGES ARE TO BE DETERMINED BY THE PROJECT ENGINEER.
18. PORTABLE VMS SHALL REMAIN IN STRATEGIC LOCATIONS DURING ROAD CONSTRUCTION. FINAL LOCATIONS ARE TO BE DETERMINED BY THE PROJECT ENGINEER.
19. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

INSPECTOR AUTHORITY

1. THE COUNTY'S DEPARTMENT OF PERMITTING SERVICES (DPS) INSPECTOR HAS THE AUTHORITY TO MODIFY THE TTCP AS DEEMED NECESSARY. THE INSPECTOR HAS THE AUTHORITY TO ORDER THE PERMITTEE TO STOP WORK AND VACATE THE PUBLIC RIGHT-OF-WAY IF THE TTCP IS NOT COMPLIED WITH.
2. THE IMPLEMENTATION DATE AND CONTINUANCE OF WORK ACTIVITIES MAY BE ALTERED AT THE DISCRETION OF THE COUNTY'S INSPECTOR IN THE EVENT OF CONFLICTS WITH PREVIOUSLY APPROVED OR EMERGENCY ACTIVITIES.

MISCELLANEOUS

1. THE PERMITTEE WILL BE SOLELY RESPONSIBLE FOR ALL ACCIDENTS AND/OR DAMAGE TO PERSONS AND/OR PROPERTY DAMAGE RESULTING FROM HIS OPERATIONS.
2. HAZARDOUS MATERIALS SHALL NOT BE STORED WITHIN PUBLIC RIGHT-OF-WAY. NO MATERIALS OR EQUIPMENT SHALL BE STORED ON THE ROADWAY SURFACE OR SIDEWALK DURING NON-WORK PERIODS. ALL STORED MATERIALS AND EQUIPMENT SHALL BE SET BACK AT LEAST SIX (6) FEET BEHIND THE CURB ALONG A CLOSED SECTION ROADWAY AND AT LEAST TWELVE (12) FEET FROM THE EDGE OF AN OPEN SECTION ROADWAY.
3. ALL TEMPORARY TRAFFIC CONTROL (TTC) DEVICES SHALL BE REMOVED AS SOON AS PRACTICAL WHEN THEY ARE NO LONGER NEEDED. WHEN WORK IS SUSPENDED FOR SHORT PERIODS OF TIME, TTC DEVICES THAT ARE NO LONGER APPROPRIATE SHALL BE REMOVED OR COVERED.
4. AT THE COMPLETION OF WORK ACTIVITIES, CONDITIONS WITHIN THE PUBLIC SPACE SHALL BE FULLY RESTORED TO THOSE THAT EXISTED PRIOR TO THE WORK ACTIVITY.

CONTACT INFORMATION

1. THE CONTRACTOR SHALL ARRANGE AND HOST A PRE-PHASE TRAFFIC SWITCH MEETING AT LEAST TWO WEEKS PRIOR TO SWITCHING TRAFFIC. THE FOLLOWING OFFICES SHALL BE NOTIFIED OF THIS MEETING AND OF THE IMPENDING TRAFFIC SWITCH:

- MONTGOMERY COUNTY DIVISION OF TRAFFIC ENGINEERING AND OPERATIONS AT 240-777-6000
- MONTGOMERY COUNTY TRANSPORTATION SYSTEMS ENGINEERING TEAM AT 240-777-2100
- MONTGOMERY COUNTY TRANSIT AT 240-777-5800
- MONTGOMERY COUNTY PUBLIC SCHOOLS, LOCAL DEPOT MANAGER AT 410-313-6821
- MONTGOMERY COUNTY FIRE AND RESCUE, LOCAL FIRE DEPARTMENT AT 240-773-4723
- MONTGOMERY COUNTY POLICE, LOCAL TRAFFIC SERGEANT AT 240-773-5500
- MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES, PERMIT INSPECTION SECTION AT 240-777-6300

2. PRIOR TO ROAD CLOSURES, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING OFFICES A MINIMUM OF SEVENTY-TWO (72) HOURS IN ADVANCE:

- MONTGOMERY COUNTY DIVISION OF TRAFFIC ENGINEERING AND OPERATIONS AT 240-777-6000
- MONTGOMERY COUNTY EMERGENCY OPERATIONS CENTER AT 240-777-0751
- MONTGOMERY COUNTY POLICE, LOCAL TRAFFIC SERGEANT AT 240-773-5500
- MONTGOMERY COUNTY TRANSPORTATION MANAGEMENT CENTER AT 240-777-2100
- MONTGOMERY COUNTY FIRE AND RESCUE, LOCAL FIRE DEPARTMENT AT 240-773-4723
- MONTGOMERY COUNTY PUBLIC SCHOOLS, LOCAL DEPOT MANAGER AT 410-313-6821

3. FIELD ASSISTANCE BY THE MCDOT, DIVISION OF TRAFFIC ENGINEERING AND OPERATIONS IS AVAILABLE UPON REQUEST. CONTACT TRAFFIC ENGINEERING & OPERATIONS SECTION AT 240-777-2100.

CONSTRUCTION SCHEDULE

- PHASE 1 - 127 DAYS
- PHASE 2 - 20 DAYS
- PHASE 3 - 20 DAYS
- PHASE 4 - 40 DAYS
- PHASE 5 - 20 DAYS
- PHASE 6 - 40 DAYS
- PHASE 7 - 20 DAYS
- PHASE 8 - 20 DAYS

12/15/2023 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMTN-P001.dgn

SHA TRACKING NO. 21APMO008XX

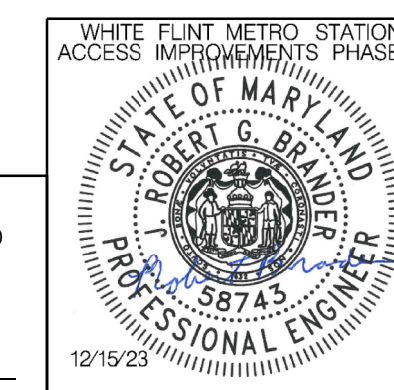
MTN - 01

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION DIVISION OF TRANSPORTATION ENGINEERING GAITHERSBURG, MARYLAND			
RECOMMENDED FOR APPROVAL			
SEE TITLE SHEET FOR SIGNATURES		Date	
Chief, Design Section			
APPROVED			
SEE TITLE SHEET FOR SIGNATURES		Date	
Chief, Division of Transportation Engineering			
Designed by : RB      Drawn by : JM      Checked by : RJM			

WHITE FLINT METRO STATION ACCESS IMPROVEMENTS PHASE 2	
MAINTENANCE OF TRAFFIC PLAN GENERAL NOTES	
SCALE : 1" = 30'	DATE : DECEMBER 2023
Project No. : 502106	SHEET 33 of 157



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO: 58743      EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SEQUENCE OF CONSTRUCTION FOR MAINTENANCE OF TRAFFIC

PHASE 1 - RELOCATE WATER MAIN

PHASE 1A - REMOVE PORTION OF MEDIAN ON NORTH LEG OF INTERSECTION - NIGHTTIME

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 1A.
2. NORTHBOUND MD 355 AND SOUTHBOUND TO DROP LEFT LANE, REMAINING LANES STAY OPEN. SOUTHBOUND LEFT TURNING TRAFFIC IS DIVERTED TO MARINELLI ROAD AND CITADEL STREET. EASTBOUND OLD GEORGETOWN ROAD IS DROPPED TO SINGLE SHARED LEFT-THRU LANE, RIGHT LANE UNAFFECTED.
3. REMOVE EXISTING CONCRETE MEDIAN AS SHOWN ON THE PLANS.

PHASE 1B - INSTALL CONCRETE VAULT - NIGHTTIME

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 1B.
2. NORTHBOUND MD 355 TO DROP RIGHT TWO LANES AND PASS BY WORK ZONE IN SINGLE LANE. SOUTHBOUND LEFT TURN BAY IS CLOSED. SOUTHBOUND LEFT TURNING AND NORTHBOUND RIGHT TURNING TRAFFIC ARE DIVERTED TO MARINELLI ROAD AND CITADEL STREET. EASTBOUND OLD GEORGETOWN ROAD TRAFFIC TURNING LEFT TO DROP INTO SINGLE LANE; EASTBOUND THRU TRAFFIC CAN CONTINUE THRU.

PHASE 1C - RECONSTRUCT PORTION OF MEDIAN ON NORTH LEG OF INTERSECTION - NIGHTTIME

1. UTILIZE PHASE 1A PLANS TO RECONSTRUCT MEDIAN

PHASE 1D - INSTALL PORTION OF NEW WATER MAIN - NIGHTTIME

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 1D.
2. NORTHBOUND MD 355 TO DROP RIGHT TWO LANES AND PASS BY WORK ZONE IN SINGLE LANE. SOUTHBOUND LEFT TURNING TRAFFIC TO OLD GEORGETOWN ROAD IS DIVERTED TO MARINELLI ROAD AND CITADEL STREET. EASTBOUND OLD GEORGETOWN ROAD TRAFFIC TURNING LEFT TO DROP INTO SINGLE LANE; THRU TRAFFIC TO TURN RIGHT TO SOUTHBOUND MD 355 AND DIVERTED TO MARINELLI ROAD AND CITADEL STREET. WESTBOUND TRAFFIC UNAFFECTED.
3. CROSSWALK ON SOUTH LEG OF INTERSECTION CLOSED. PEDESTRIANS ARE DETOURED TO OTHER CROSSWALKS.
4. INSTALL PORTION OF WATER MAIN PER PLANS.

PHASE 1E - INSTALL NEXT PORTION OF NEW WATER MAIN - NIGHTTIME

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 1E.
2. NORTHBOUND MD 355 TO DROP RIGHT TWO LANES AND PASS BY WORK ZONE IN SINGLE LANE. EASTBOUND OLD GEORGETOWN ROAD TRAFFIC TURNING LEFT TO DROP INTO SINGLE LANE; EASTBOUND THRU TRAFFIC CAN CONTINUE THRU. WESTBOUND TRAFFIC IS DIVERTED TO CITADEL STREET AND MARINELLI ROAD TO REACH MD 355. LOCAL TRAFFIC WOULD TURN RIGHT TO NORTHBOUND MD 355. SOUTHBOUND LEFTS CAN PERFORM THEIR MANEUVERS THIS SUB PHASE.
3. CROSSWALK ON NORTH LEG OF INTERSECTION CLOSED. PEDESTRIANS ARE DETOURED TO OTHER CROSSWALKS.
4. INSTALL NEXT PORTION OF WATER MAIN PER PLANS.

PHASE 1F - INSTALL REMAINING PORTIONS OF NEW WATER MAIN - NIGHTTIME

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 1F.
2. NORTHBOUND MD 355 TO DROP RIGHT TWO LANES AND PASS BY WORK ZONE IN SINGLE LANE. EASTBOUND OLD GEORGETOWN ROAD TRAFFIC TURNING LEFT TO DROP INTO SINGLE LANE; EASTBOUND THRU TRAFFIC CAN CONTINUE THRU. WESTBOUND TRAFFIC CAN PERFORM THEIR MANEUVER. SOUTHBOUND LEFTS CAN PERFORM THEIR MANEUVERS THIS SUB PHASE.
3. CROSSWALKS ON ALL LEGS REMAIN OPEN.
4. TIE INTO EXISTING WATER MAIN.

PHASE 2 - INSTALL NEW STORM DRAIN PIPES IN NW QUADRANT - NIGHTTIME

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 2.
2. SOUTHBOUND MD 355 TO DROP RIGHT TWO LANES AND PASS BY WORK ZONE IN SINGLE LANE. WESTBOUND TRAFFIC SHIFTED TO LEFT OF WORK ZONE.
3. CROSSWALK ON WEST LEG IS CLOSED. PEDESTRIANS ARE DETOURED TO OTHER CROSSWALKS.
4. CONSTRUCT PORTIONS OF DRAINAGE IMPROVEMENTS IN NORTHWEST QUADRANT - MH-1A AND MH-1B AND FIRST PORTION OF LATERALS TOWARDS NE AND SW QUADRANTS.

PHASE 3 - INSTALL NEW STORM DRAIN PIPES ACROSS WEST LEG, CONSTRUCT NEW ADA RAMP IN MEDIAN - NIGHTTIME

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 3.
2. SOUTHBOUND MD 355 TO DROP RIGHT LANE. EASTBOUND OLD GEORGETOWN ROAD TRAFFIC TURNING LEFT TO DROP INTO SINGLE LANE. WESTBOUND TRAFFIC SHIFTED TO RIGHT OF WORK ZONE
3. CROSSWALK ON WEST LEG IS CLOSED. PEDESTRIANS ARE DETOURED TO OTHER CROSSWALKS IN INTERSECTION.
4. CONSTRUCT PROPOSED MEDIAN, AND INSTALL PORTIONS OF STORM DRAIN LATERALS ON WEST LEG OF INTERSECTION.

PHASE 4 - INSTALL IMPROVEMENTS IN SW QUADRANT

PHASE 4A - INSTALL NEW STORM DRAIN PIPES IN SW QUADRANT - NIGHTTIME

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 4A.
2. SOUTHBOUND MD 355 TO DROP RIGHT LANE. EASTBOUND OLD GEORGETOWN ROAD TRAFFIC TURNING LEFT AND THRU TRAFFIC TO DROP INTO SINGLE LANE.
3. CROSSWALK ON SOUTH LEG OF INTERSECTION CLOSED. PEDESTRIANS ARE DETOURED TO OTHER CROSSWALKS.
4. CONSTRUCT PORTIONS OF DRAINAGE IMPROVEMENTS IN SOUTHWEST QUADRANT - I-3 AND REMAINING STORM DRAIN LATERALS. NOTE I-3 IS TO REMAIN COVERED / BLOCKED UNTIL PHASE 8 IS COMPLETED.

PHASE 4B - INSTALL NEW CURB AND SIDEWALK IN SW QUADRANT

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 4A.
2. SOUTHBOUND MD 355 TO DROP RIGHT LANE. EASTBOUND OLD GEORGETOWN ROAD RIGHT TURN LANE CLOSED, TRAFFIC SHIFTED INTO THRU LANE.
3. CROSSWALK ON SOUTH LEG OF INTERSECTION CLOSED. PEDESTRIANS ARE DETOURED TO OTHER CROSSWALKS.
4. CONSTRUCT CURB AND SIDEWALK IMPROVEMENTS. INSTALL NEW SIGNAL EQUIPMENT IN THIS QUADRANT.

SEQUENCE OF CONSTRUCTION CONT'D

PHASE 5 - INSTALL NEW STORM DRAIN LATERAL ACROSS NORTH LEG - NIGHTTIME

PHASE 5A - INSTALL PORTION OF LATERAL

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 5A.
2. SOUTHBOUND MD 355 TO DROP LEFT TWO LANES AND PASS BY WORK ZONE IN SINGLE LANE. SOUTHBOUND LEFT TURNING TRAFFIC TO OLD GEORGETOWN ROAD IS DIVERTED TO MARINELLI ROAD AND CITADEL STREET. NORTHBOUND MD 355 TO DROP LEFT-MOST LANE.
3. CROSSWALK ON NORTH LEG IS CLOSED. PEDESTRIANS ARE DETOURED TO OTHER CROSSWALKS IN INTERSECTION.
4. INSTALL PORTION OF STORM DRAIN LATERAL IN NORTH LEG.

PHASE 5B - INSTALL PORTION OF LATERAL - NIGHTTIME

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 5B.
2. NORTHBOUND MD 355 TO DROP LEFT TWO LANES AND PASS BY WORK ZONE IN SINGLE LANE. NORTHBOUND LEFT TURNING TRAFFIC DIVERTED TO MARINELLI ROAD AND EXECUTIVE BOULEVARD. SOUTHBOUND MD 355 TO DROP LEFT-MOST LANE. SOUTHBOUND LEFT TURNING TRAFFIC TO OLD GEORGETOWN ROAD IS DIVERTED TO MARINELLI ROAD AND CITADEL STREET.
3. CROSSWALK ON NORTH LEG IS CLOSED. PEDESTRIANS ARE DETOURED TO OTHER CROSSWALKS IN INTERSECTION.
4. INSTALL NEXT PORTION OF STORM DRAIN LATERAL IN NORTH LEG.

PHASE 6 - INSTALL CURB AND DRAINAGE IMPROVEMENTS IN NE QUADRANT - NIGHTTIME

PHASE 6A - INSTALL NEW STORM DRAIN PIPES IN NE QUADRANT

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 6A.
2. NORTHBOUND MD 355 TO DROP RIGHT TWO LANES AND PASS BY WORK ZONE IN SINGLE LANE. WESTBOUND TRAFFIC IS DIVERTED TO CITADEL STREET AND MARINELLI ROAD TO REACH MD 355. EASTBOUND OLD GEORGETOWN ROAD TRAFFIC TURNING LEFT TO DROP INTO SINGLE LANE; THRU TRAFFIC IS SHIFTED TO RIGHT LANE ON EAST LEG.
3. CROSSWALK ON EAST LEG IS CLOSED. PEDESTRIANS ARE DETOURED TO OTHER CROSSWALKS IN INTERSECTION.
4. INSTALL REMAINING STORM DRAIN LATERAL ACROSS NORTH LEG. INSTALL I-11A AND MH-12 WITH NEW STORM DRAIN PIPE IN BETWEEN. INSTALL MH-23, MH-24 AND I-24A WITH NEW STORM DRAIN PIPES IN BETWEEN. INSTALL PORTION OF NEW STORM DRAIN LATERAL ACROSS OLD GEORGETOWN ROAD TOWARDS I-25 (TO BE INSTALLED IN PHASE 7).

PHASE 6B - INSTALL CURB AND SIDEWALK IMPROVEMENTS IN NE QUADRANT

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 6B.
2. NORTHBOUND MD 355 TO DROP RIGHT-MOST LANE. EASTBOUND OLD GEORGETOWN ROAD TRAFFIC TURNING LEFT TO DROP INTO SINGLE LANE. WESTBOUND RIGHT TURN LANE CLOSED, RIGHT TURNING TRAFFIC SHIFTED INTO THRU LANE.
3. NORTHEAST CORNER IS CLOSED TO PEDESTRIANS. PEDESTRIANS ARE DETOURED TO OTHER CROSSWALKS IN INTERSECTION.
4. CONSTRUCT CURB AND SIDEWALK IMPROVEMENTS. INSTALL NEW SIGNAL EQUIPMENT IN THIS QUADRANT. NOTE THAT FOR THE ADA RAMP WHICH AN EXISTING SIGNAL POLE IS LOCATED IN THE WING AREA, THE WING IS NOT TO BE CONSTRUCTED IN THIS PHASE. THIS IS TO BE COMPLETED IN PHASE 8.

PHASE 6C - RECONSTRUCT MEDIAN ON EAST LEG

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 6C.
2. INSIDE LANE ON EAST LEG CLOSED IN BOTH DIRECTIONS
3. CROSSWALK ON EAST LEG IS CLOSED. PEDESTRIANS ARE DETOURED TO OTHER CROSSWALKS IN INTERSECTION.
4. CONSTRUCT MEDIAN IMPROVEMENTS.

PHASE 7 - INSTALL CURB AND SIDEWALK IMPROVEMENTS IN SE QUADRANT

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 7.
2. NORTHBOUND MD 355 TO DROP RIGHT-MOST LANE. EASTBOUND OUTSIDE LANE CLOSED ON EAST LEG.
3. SOUTHEAST CORNER IS CLOSED TO PEDESTRIANS. PEDESTRIANS ARE DETOURED TO OTHER CROSSWALKS IN INTERSECTION.
4. CONSTRUCT PROPOSED CURB AND SIDEWALK IMPROVEMENTS. INSTALL REMAINING PORTION OF STORM DRAIN LATERAL (PHASE 6A) AND INSTALL I-25. INSTALL NEW SIGNAL EQUIPMENT IN THIS QUADRANT.

PHASE 8 - INSTALL CURB AND SIDEWALK IMPROVEMENTS IN NW QUADRANT

1. INSTALL MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR PHASE 8.
2. SOUTHBOUND MD 355 TO DROP RIGHT-MOST LANE. WESTBOUND OUTSIDE LANE CLOSED ON WEST LEG.
3. NORTHEAST CORNER IS CLOSED TO PEDESTRIANS. PEDESTRIANS ARE DETOURED TO OTHER CROSSWALKS IN INTERSECTION.
4. INSTALL CONSTRUCT PROPOSED CURB AND SIDEWALK IMPROVEMENTS. INSTALL REMAINING PORTION OF STORM DRAIN LATERAL (PHASE 3) AND INSTALL I-1B. ONCE THIS IS COMPLETED UNCOVER I-3 IN SOUTHWEST QUADRANT.
5. INSTALL NEW SIGNAL EQUIPMENT IN THIS QUADRANT. ONCE ALL NEW SIGNAL EQUIPMENT INSTALL AND OPERATIONAL, REMOVE EXISTING SIGNAL EQUIPMENT AS NOTED ON SIGNAL PLANS. INSTALL WING IN NE QUADRANT ONCE EXISTING SIGNAL POLE FOUNDATION IS REMOVED.

PHASE 9

1. MILL AND OVERLAY PAVEMENT. FLAGGING OPERATIONS AS NECESSARY.
2. INSTALL PERMANENT PAVEMENT MARKINGS.

SHA TRACKING NO. 21APMO08XX

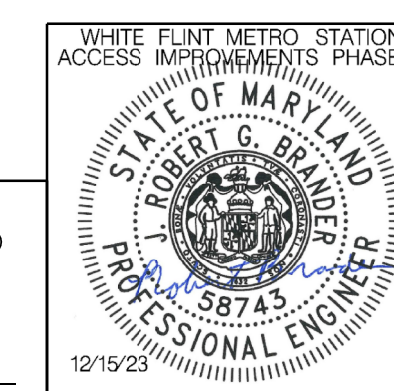
MTN - 02

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION DIVISION OF TRANSPORTATION ENGINEERING GAITHERSBURG, MARYLAND			
RECOMMENDED FOR APPROVAL			
SEE TITLE SHEET FOR SIGNATURES	_____	Date	_____
Chief, Design Section			
APPROVED			
SEE TITLE SHEET FOR SIGNATURES	_____	Date	_____
Chief, Division of Transportation Engineering			
Designed by : RB	Drawn by : JM	Checked by : RJM	

WHITE FLINT METRO STATION ACCESS IMPROVEMENTS PHASE 2	
MAINTENANCE OF TRAFFIC PLAN SEQUENCE OF CONSTRUCTION	
SCALE : 1" = 30'	DATE : DECEMBER 2023
Project No. : 502106	SHEET 34 of 157



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



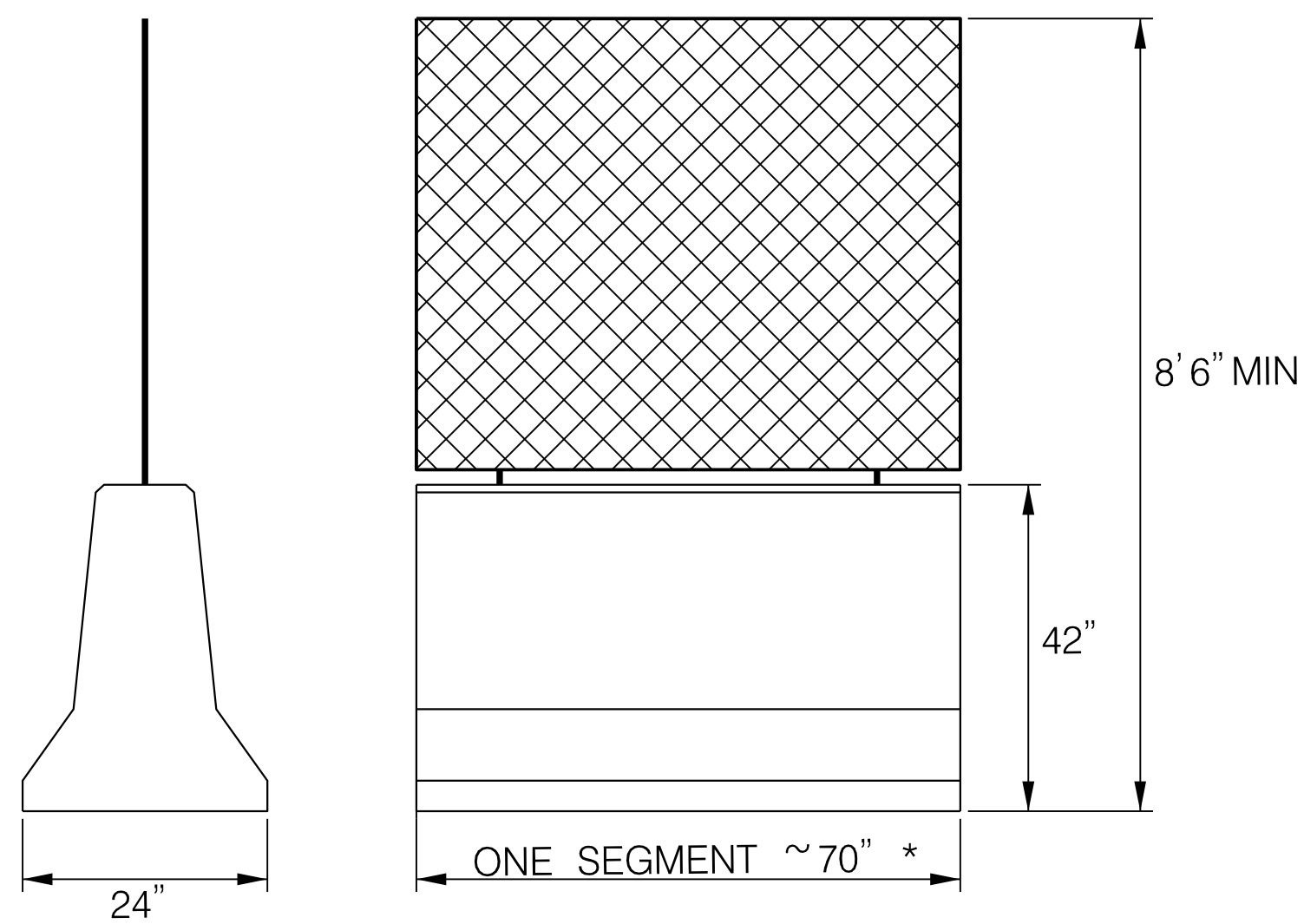
NO.	REVISION	DATE	BY



DETAIL - TYPE III BARRICADE  
NOT TO SCALE



DETAIL - TYPE III BARRICADE  
NOT TO SCALE



DETAIL - TRITON WATER-FILLED BARRIER OR EQUIVALENT  
PEDESTRIAN CHANNELIZATION DEVICE  
NOT TO SCALE

- SEGMENT LENGTH BASED ON VENDOR
- OVERALL LENGTH BASED ON NEED OF PROJECT

SHA TRACKING NO. 21APMO08XX

MTN - 03

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

RECOMMENDED FOR APPROVAL  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Design Section  
Date  
APPROVED  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Division of Transportation Engineering  
Date  
Designed by : RB Drawn by : JM Checked by : RJM

MAINTENANCE OF TRAFFIC PLAN  
NOTES AND DETAILS

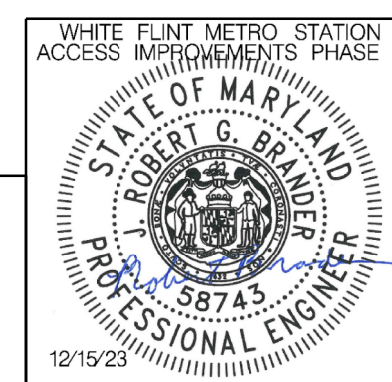
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 35 of 157

12/15/2023 UA 2026213204\700 CADD\701 Sheet\Phase 2\pMTN-P003.dgn

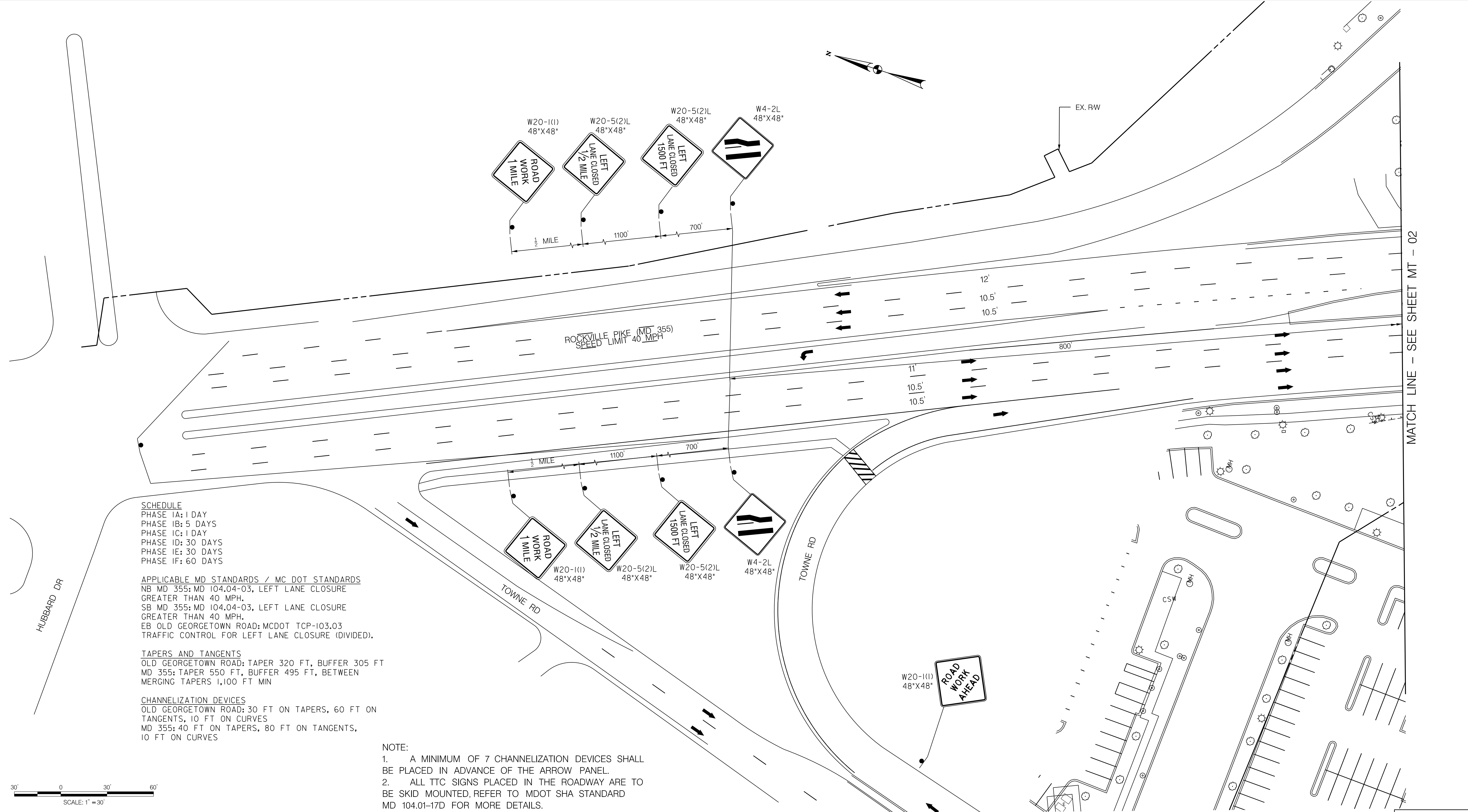


PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
OF MARYLAND.  
LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-001.dgn



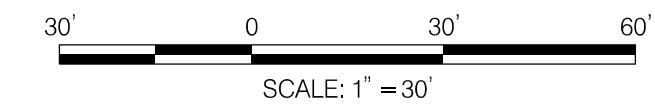
**SCHEDULE**  
 PHASE IA: 1 DAY  
 PHASE IB: 5 DAYS  
 PHASE IC: 1 DAY  
 PHASE ID: 30 DAYS  
 PHASE IE: 30 DAYS  
 PHASE IF: 60 DAYS

**APPLICABLE MD STANDARDS / MC DOT STANDARDS**  
 NB MD 355; MD 104.04-03, LEFT LANE CLOSURE  
 GREATER THAN 40 MPH.  
 SB MD 355; MD 104.04-03, LEFT LANE CLOSURE  
 GREATER THAN 40 MPH.  
 EB OLD GEORGETOWN ROAD; MCDOT TCP-103.03  
 TRAFFIC CONTROL FOR LEFT LANE CLOSURE (DIVIDED).

**TAPERS AND TANGENTS**  
 OLD GEORGETOWN ROAD: TAPER 320 FT, BUFFER 305 FT  
 MD 355; TAPER 550 FT, BUFFER 495 FT, BETWEEN  
 MERGING TAPERS 1,100 FT MIN

**CHANNELIZATION DEVICES**  
 OLD GEORGETOWN ROAD: 30 FT ON TAPERS, 60 FT ON  
 TANGENTS, 10 FT ON CURVES  
 MD 355; 40 FT ON TAPERS, 80 FT ON TANGENTS,  
 10 FT ON CURVES

**NOTE:**  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL  
 BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO  
 BE SKID MOUNTED, REFER TO MDOT SHA STANDARD  
 MD 104.01-17D FOR MORE DETAILS.

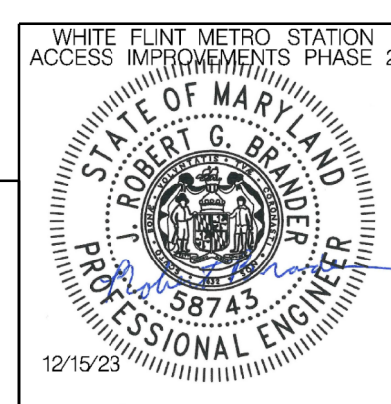


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR

6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

**PROFESSIONAL CERTIFICATION:**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 01

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

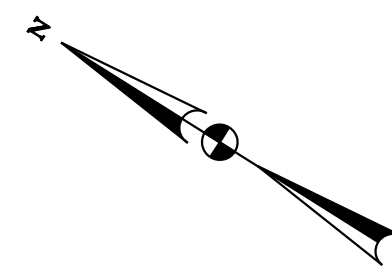
MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1A & 1C

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 36 of 157

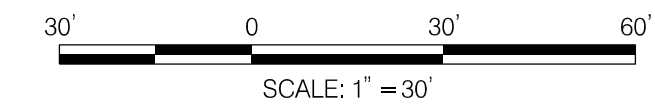
MATCH LINE - SEE SHEET MT - 02

12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P002.dgn



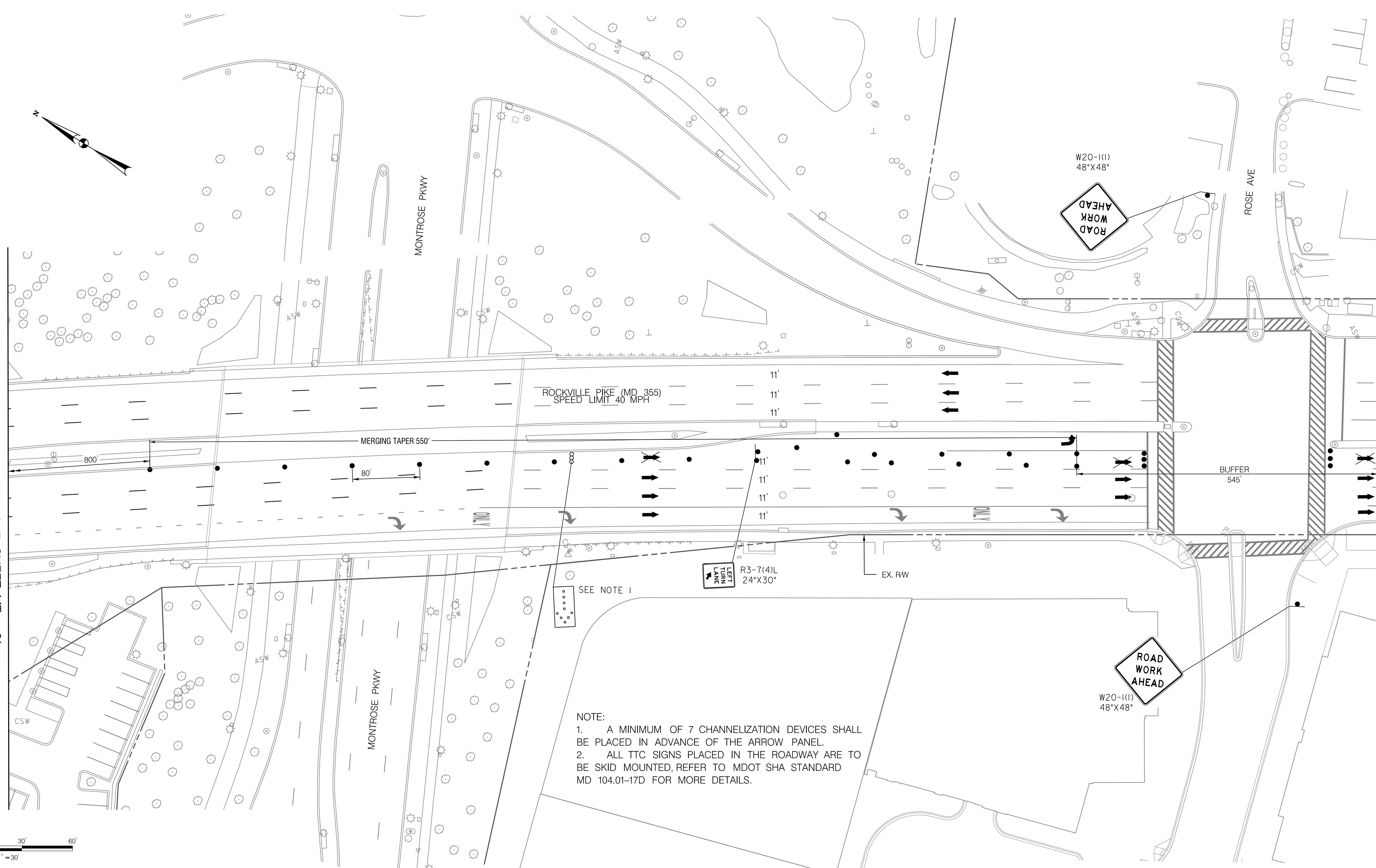
MATCH LINE - SEE SHEET MT - 01

MATCH LINE - SEE SHEET MT - 03



**LEGEND**

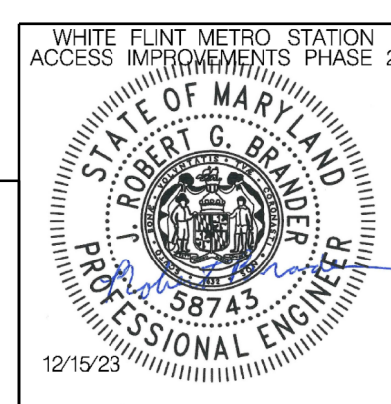
- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



**NOTE:**  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by: RB Drawn by: JM Checked by: RJM

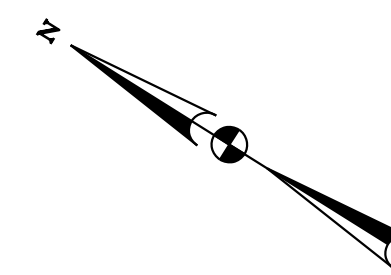
MT - 02

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

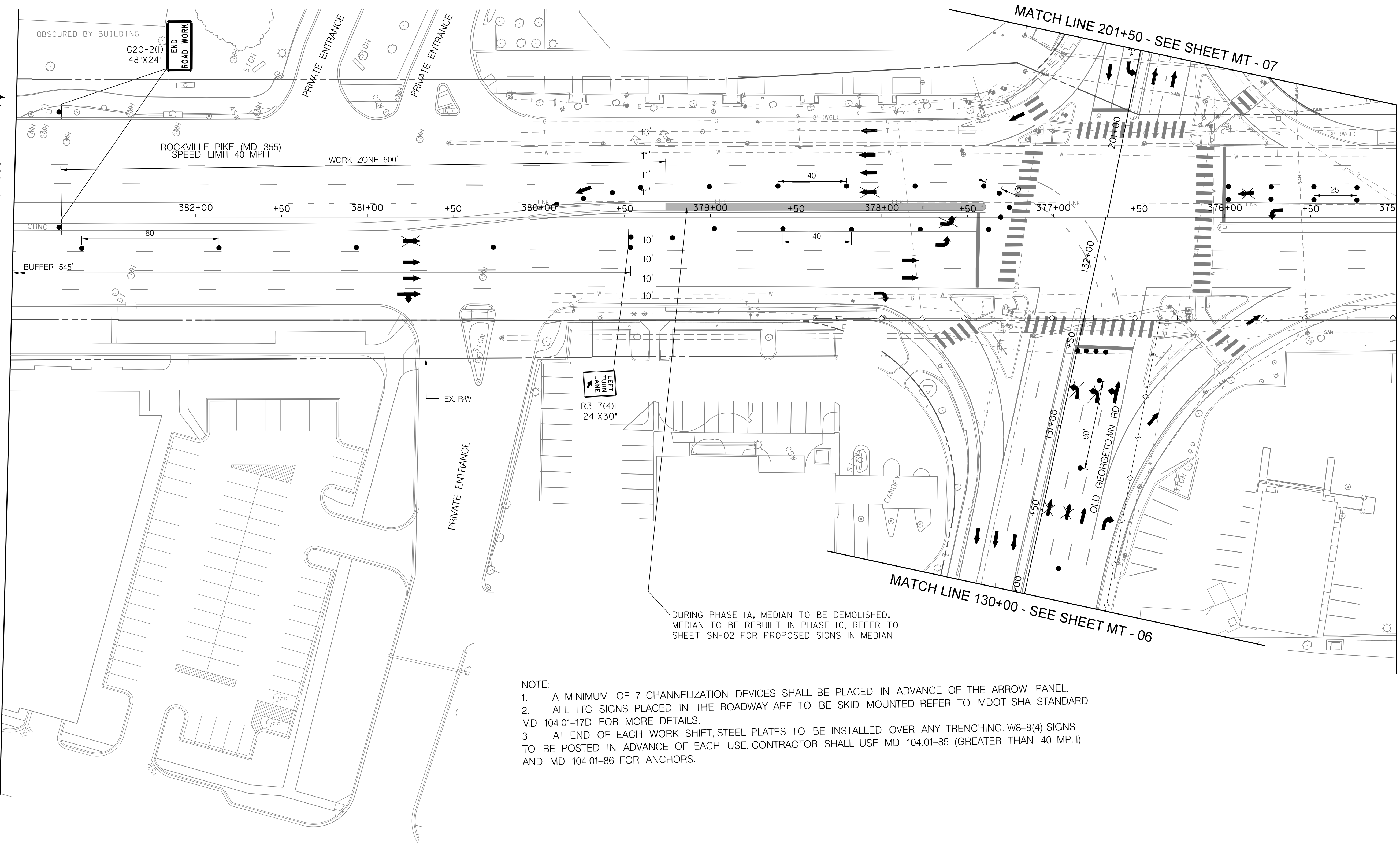
MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1A & 1C

SCALE : 1" = 30' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 37 of 157

12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-003.dgn



MATCH LINE - SEE SHEET MT - 02

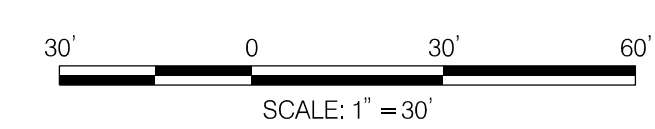


MATCH LINE 375+00 - SEE SHEET MT - 04

MATCH LINE 130+00 - SEE SHEET MT - 06

MATCH LINE 201+50 - SEE SHEET MT - 07

- NOTE:
1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.
  2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.
  3. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.

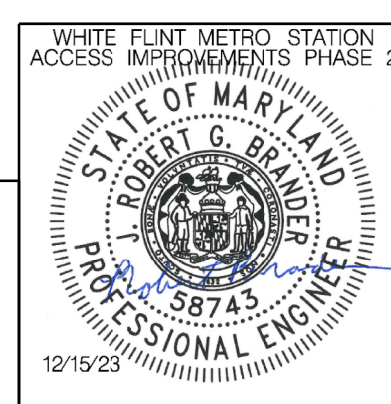


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2900  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 03

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
PHASE 1A & 1C

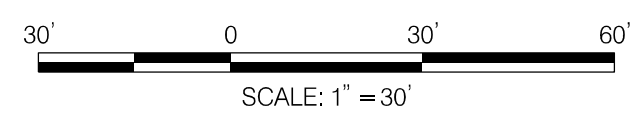
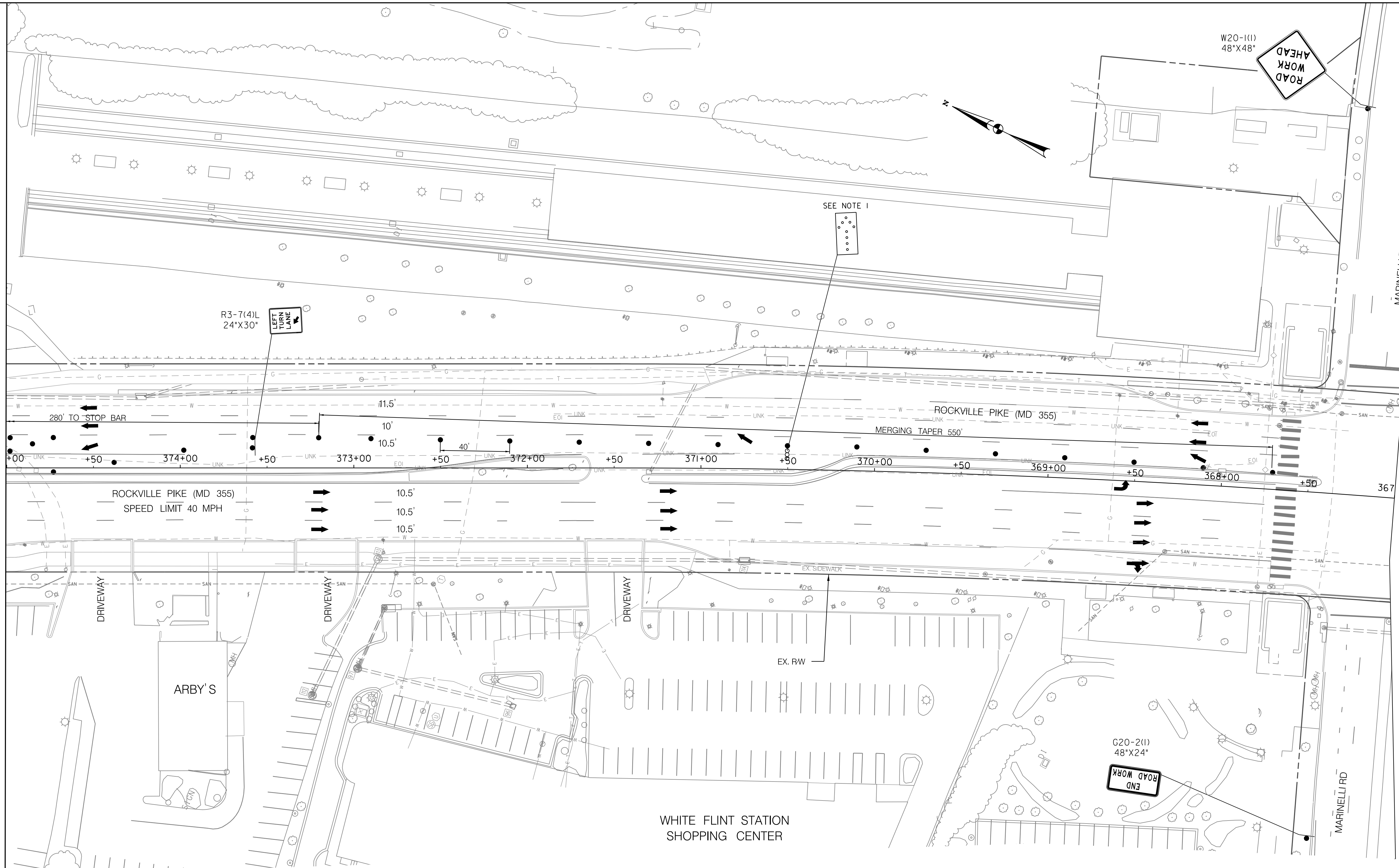
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 38 of 157

12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P004.dgn

MATCH LINE 375+00 - SEE SHEET MT - 03

MATCH LINE 367+00 - SEE SHEET MT - 05



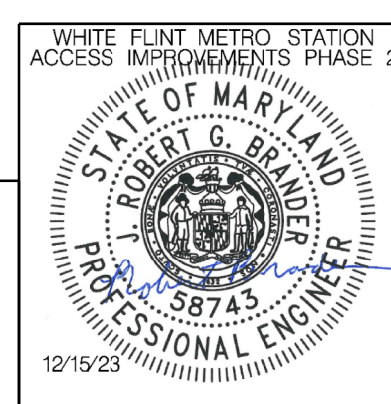
- NOTES:
1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.
  2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RB Drawn by: JM Checked by: RJM

MT - 04

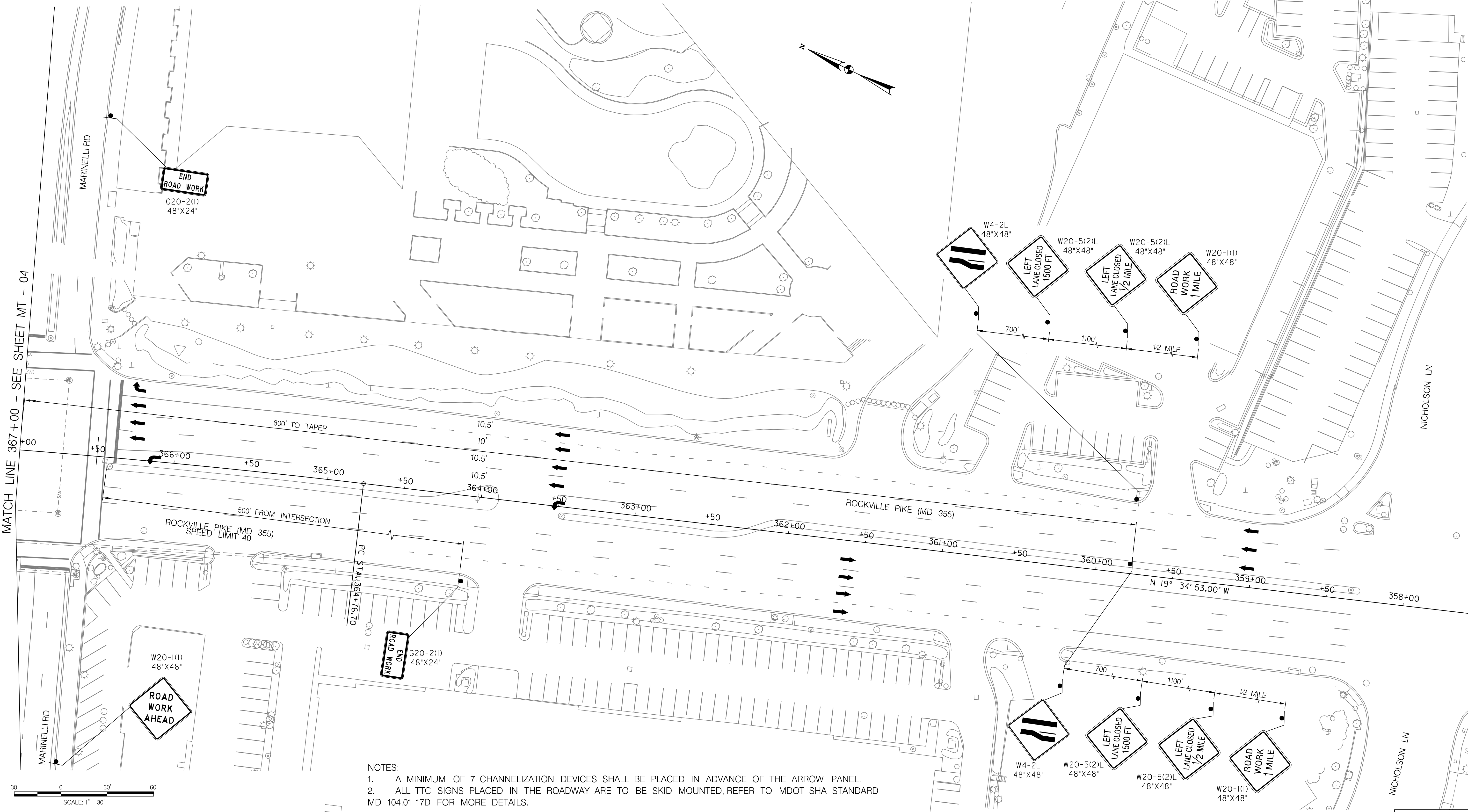
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1A AND 1C

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 39 of 157

12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT--P005.dgn



MATCH LINE 367+00 - SEE SHEET MT - 04

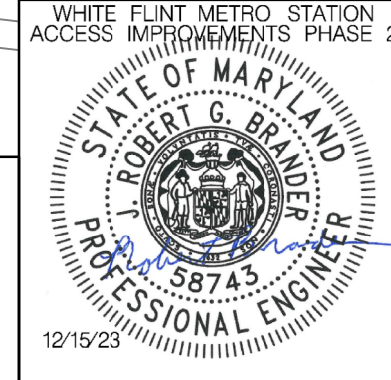
**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR

**NOTES:**  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering  
 Designed by: RBBB Drawn by: JMC Checked by: RJM

MT - 05

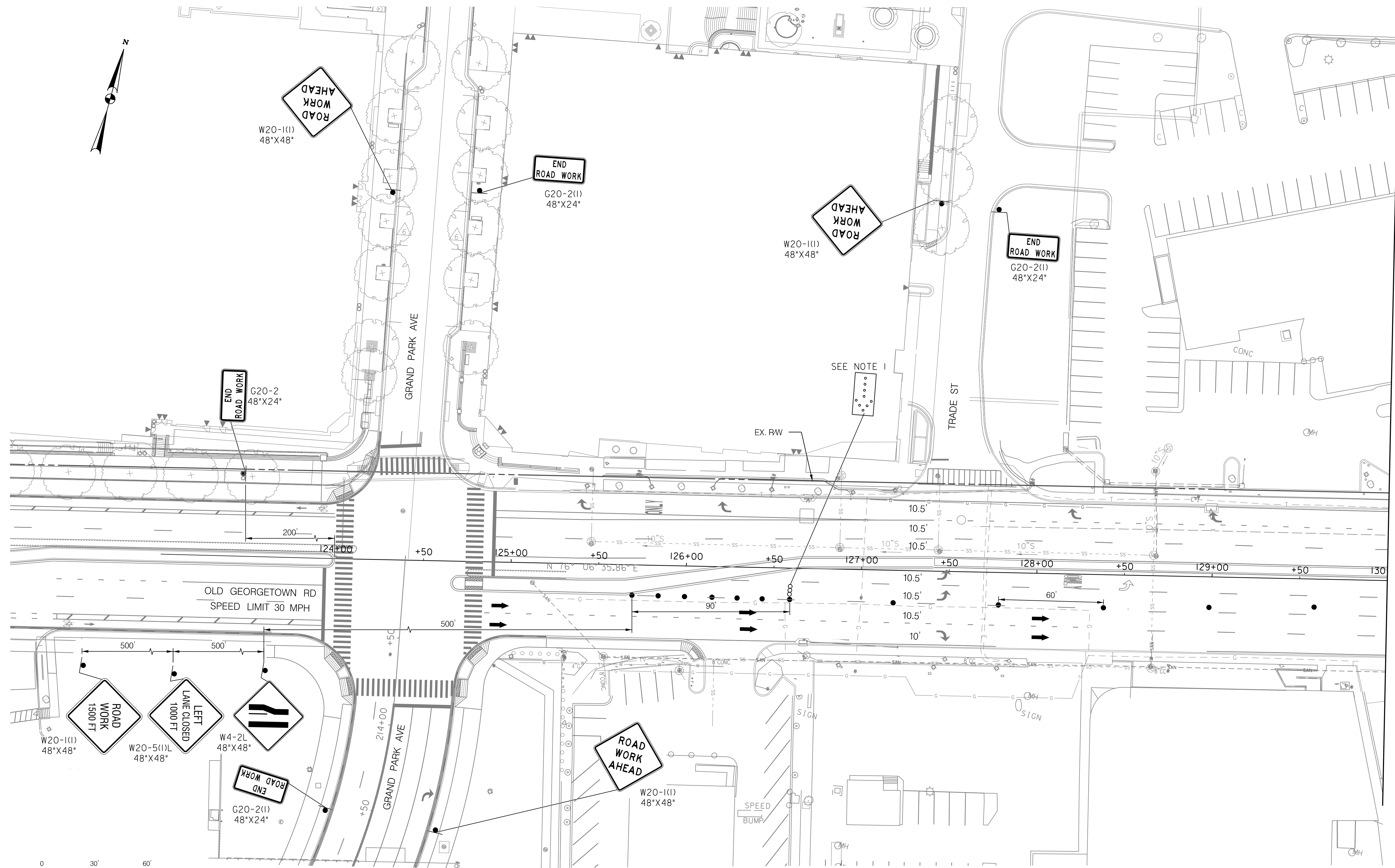
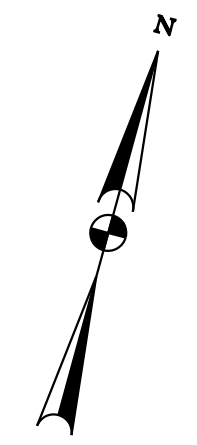
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1A AND 1C

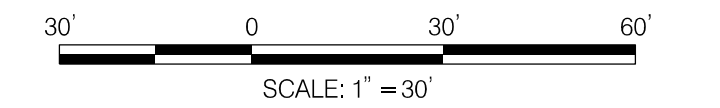
SCALE : 1" = 30' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 40 of 157



12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT--P006.dgn



MATCH LINE 130+00 - SEE SHEET MT - 03



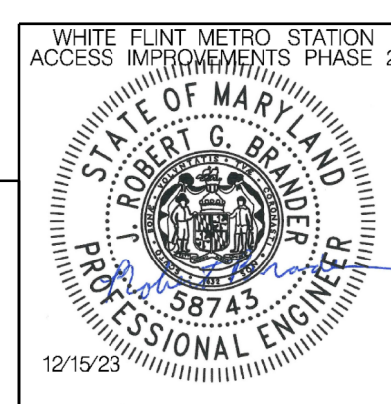
- NOTES:
1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.
  2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2900  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Division of Transportation Engineering

Designed by: RBB Drawn by: JMC Checked by: RJM

MT - 06

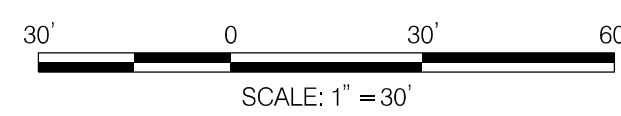
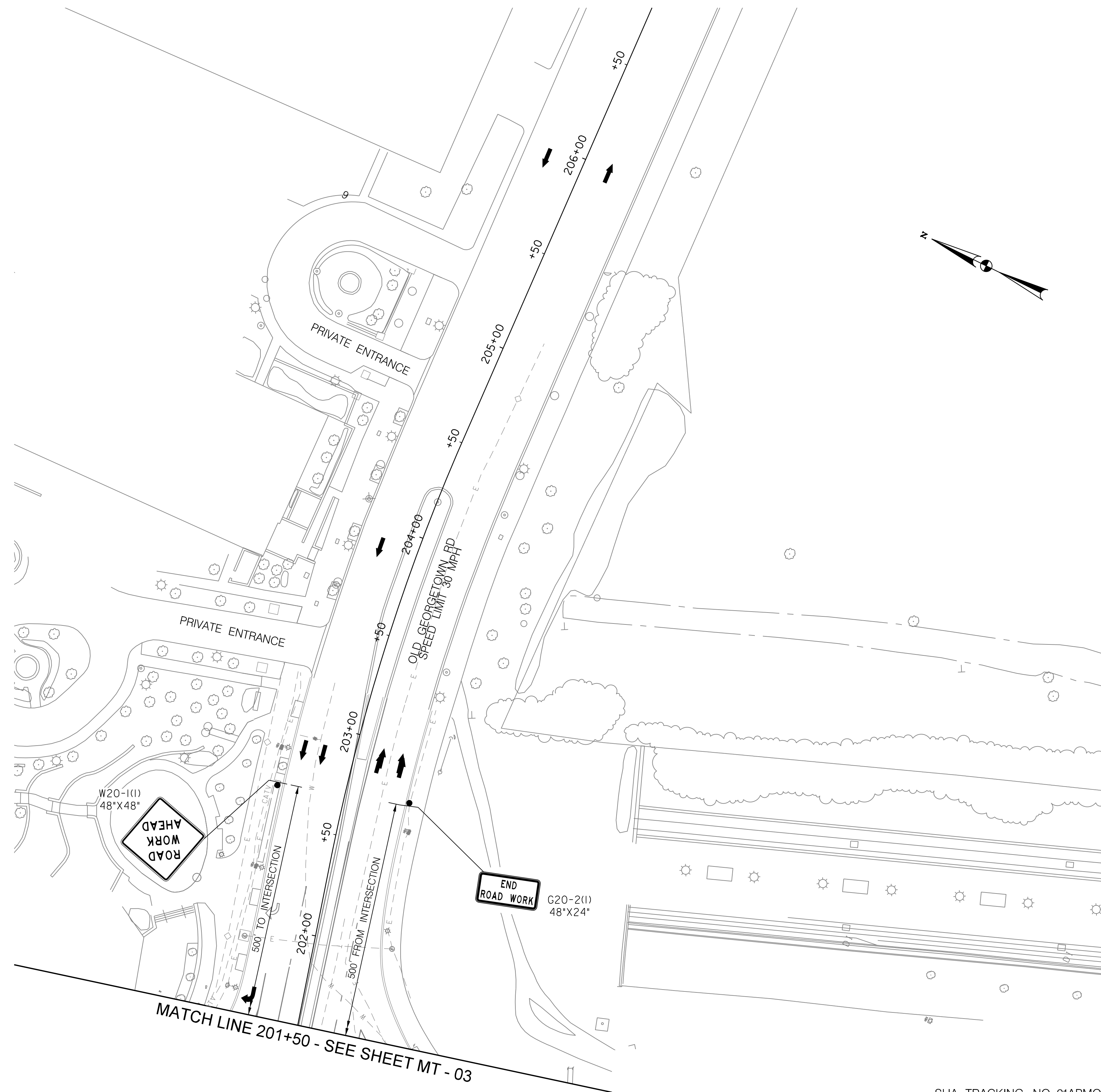
**WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2**

**MAINTENANCE OF TRAFFIC PLAN  
PHASE 1A AND 1C**

SCALE : 1" = 30'      DATE : DECEMBER 2023

Project No. : 502106      SHEET 41 of 157

12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P007.dgn



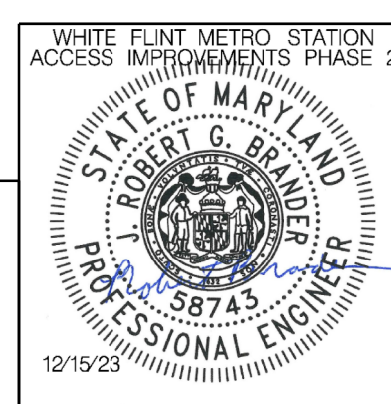
MATCH LINE 201+50 - SEE SHEET MT - 03

**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2900  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
OF MARYLAND.  
LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 07

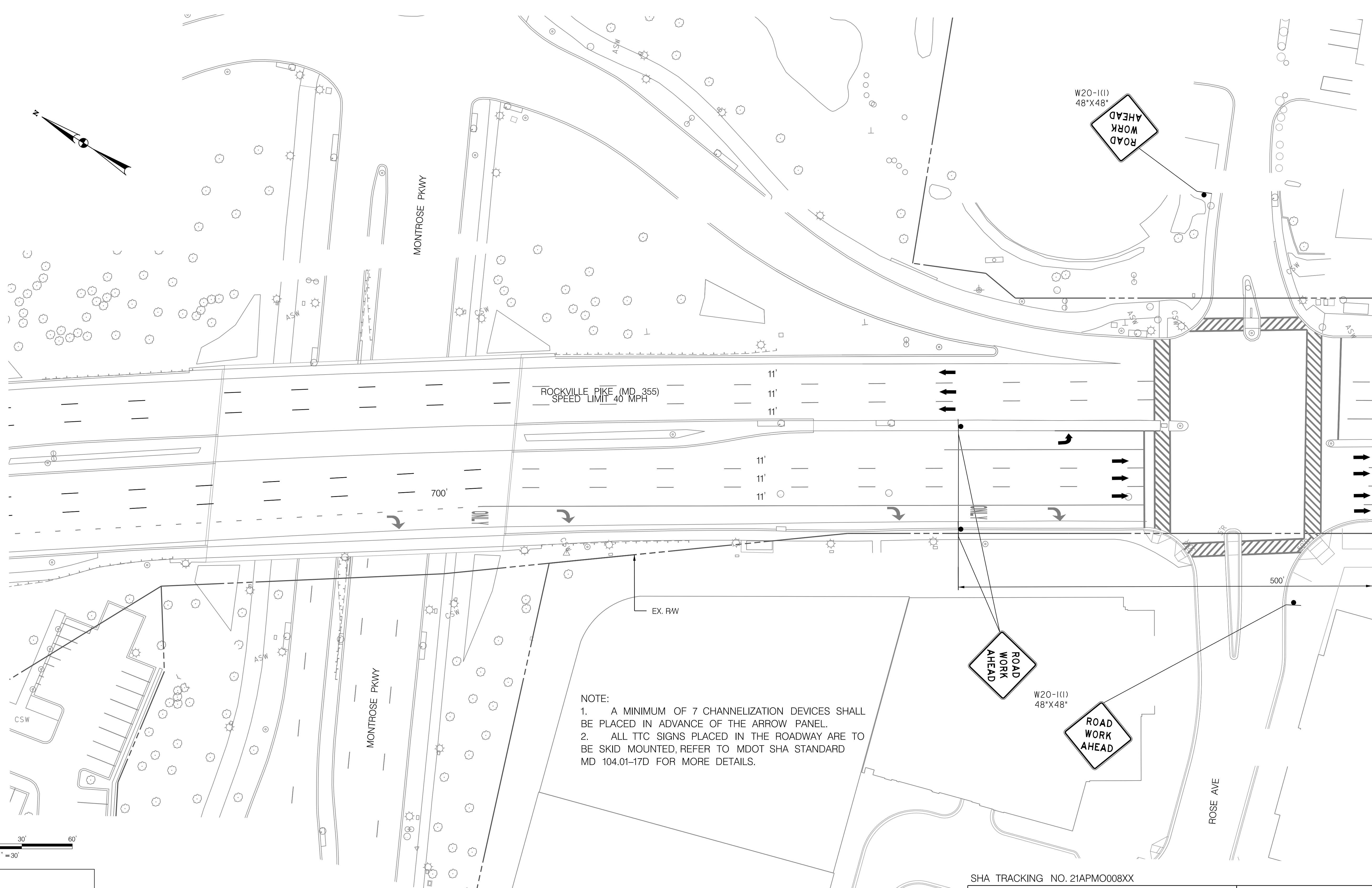
**WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2**

**MAINTENANCE OF TRAFFIC PLAN  
PHASE 1A AND 1C**

SCALE : 1" = 30'      DATE : DECEMBER 2023

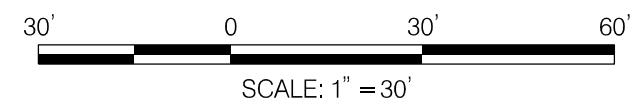
Project No. : 502106      SHEET 42 of 157

12/15/2023 \\us1527-f01\shared\_projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P008.dgn



ROCKVILLE PIKE (MD 355)  
SPEED LIMIT 40 MPH

NOTE:  
1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

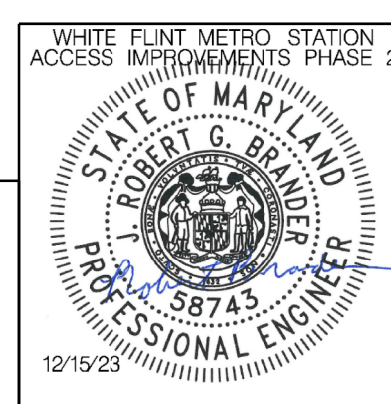


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2900  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RB Drawn by: JM Checked by: RJM

MT - 08

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

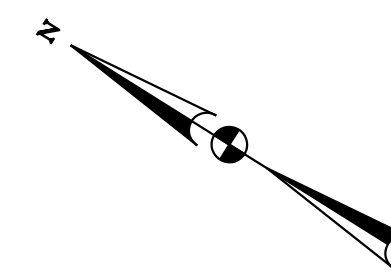
MAINTENANCE OF TRAFFIC PLAN  
PHASE 1B

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 43 of 157

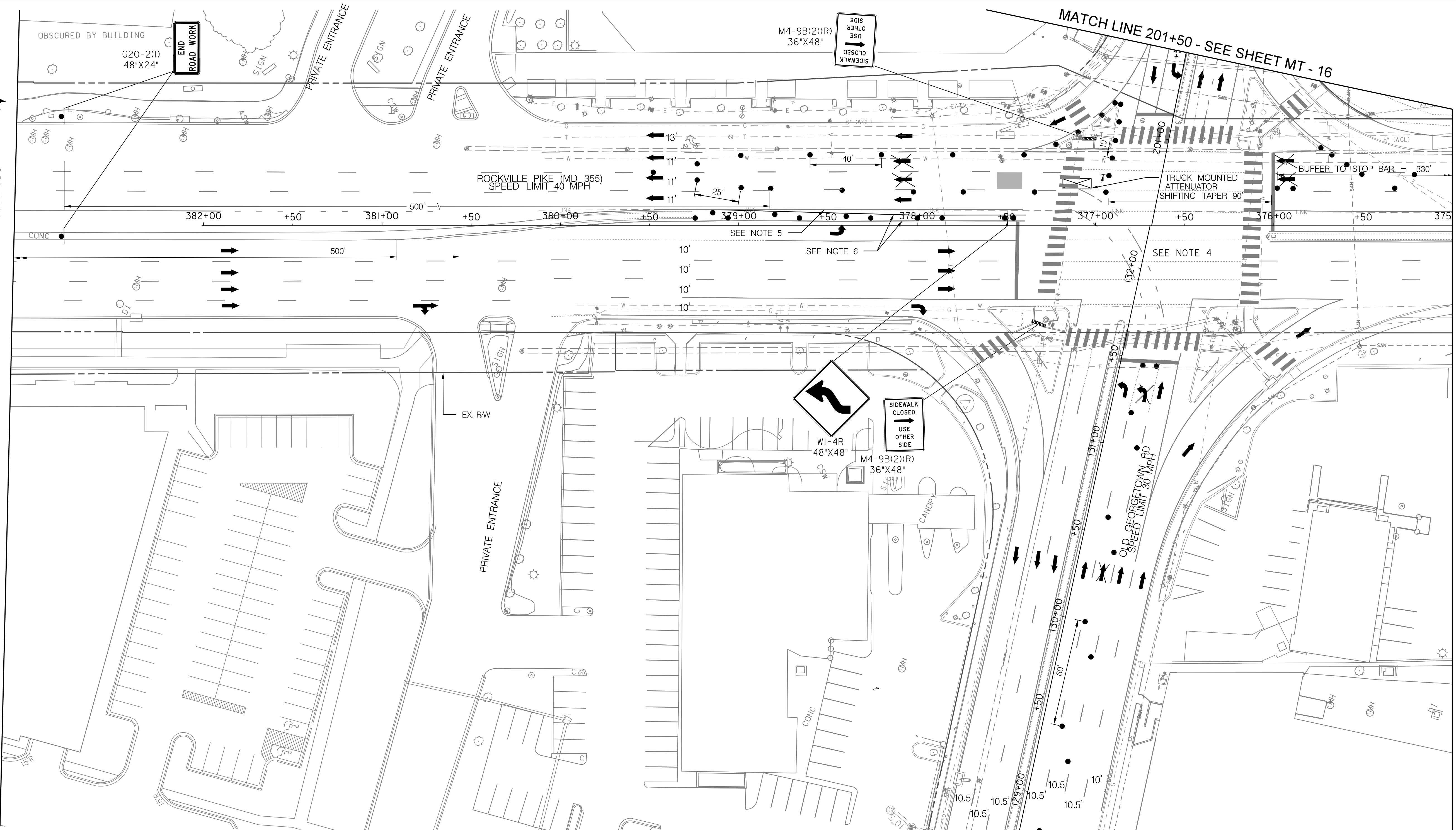
MATCH LINE - SEE SHEET MT - 09

12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-009.dgn

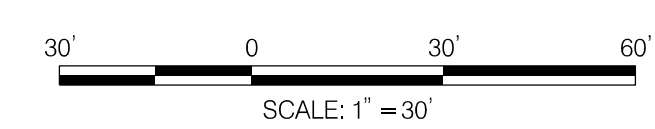


MATCH LINE - SEE SHEET MT - 08

MATCH LINE 375+00 - SEE SHEET MT - 10



- NOTE:
1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.
  2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.
  3. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.
  4. CONTRACTOR TO COVER THE R3-6 SIGN ON MAST ARM FOR EB APPROACH DURING CONSTRUCTION.
  5. CONTRACTOR TO ERADICATE EXISTING YELLOW LINE (IF NOT REMOVED DURING MEDIAN REMOVAL).
  6. CONTRACTOR TO INSTALL TEMPORARY 5" YELLOW LINE.

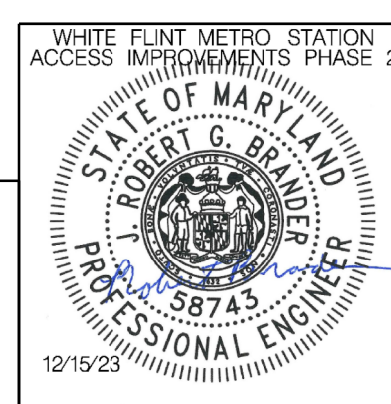


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RB Drawn by: JM Checked by: RJM

MT - 09

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1B

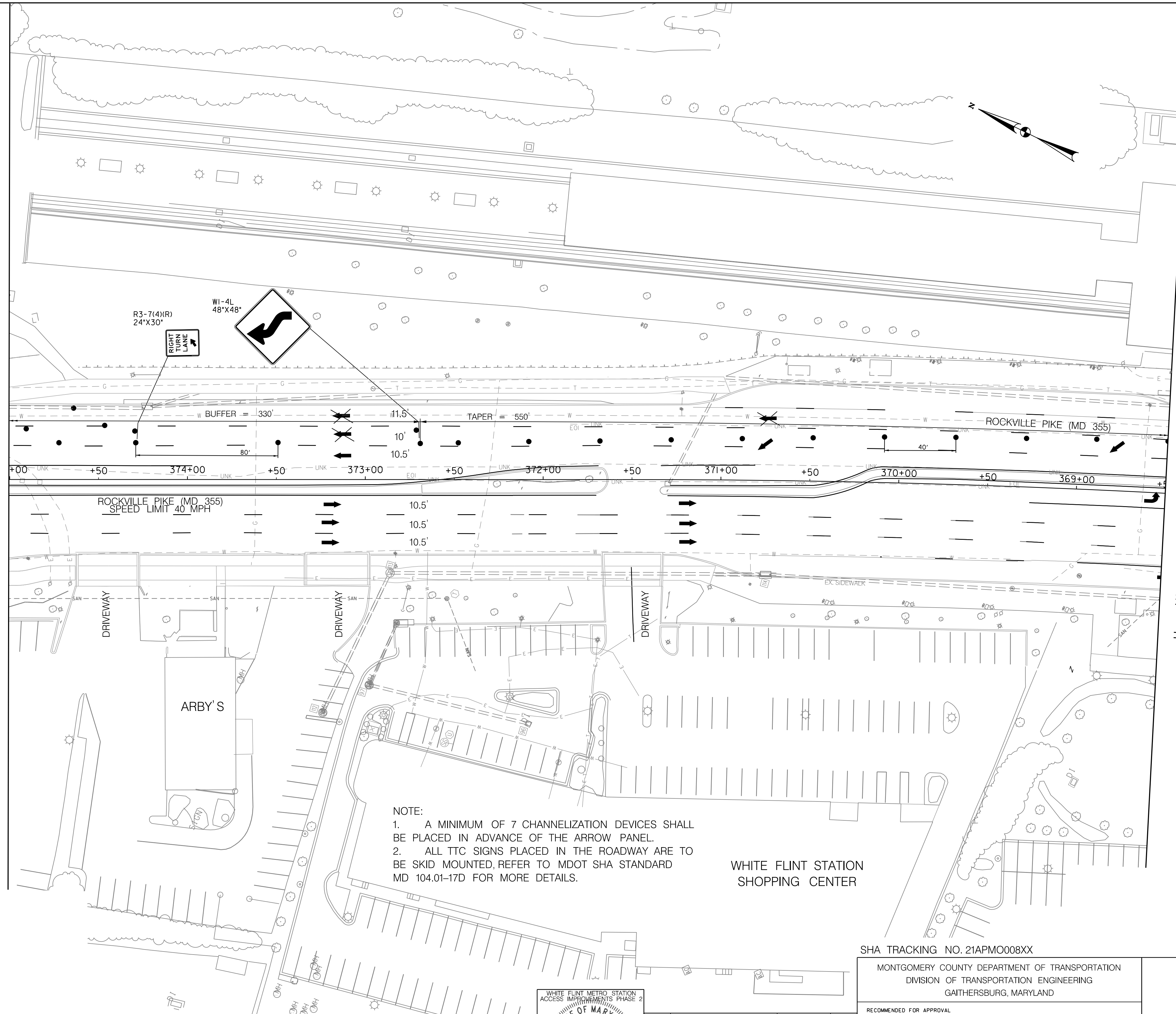
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 44 of 157

12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P010.dgn

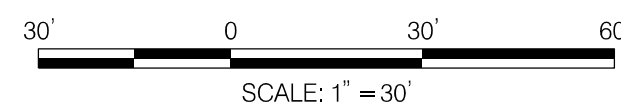
MATCH LINE 375+00 - SEE SHEET MT - 09

MATCH LINE 369+50 - SEE SHEET MT - 11



NOTE:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

WHITE FLINT STATION SHOPPING CENTER



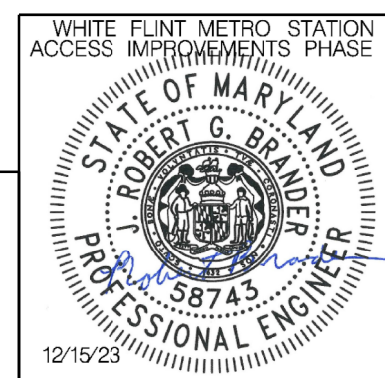
LEGEND

- DRUMS
- ⬆ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 10

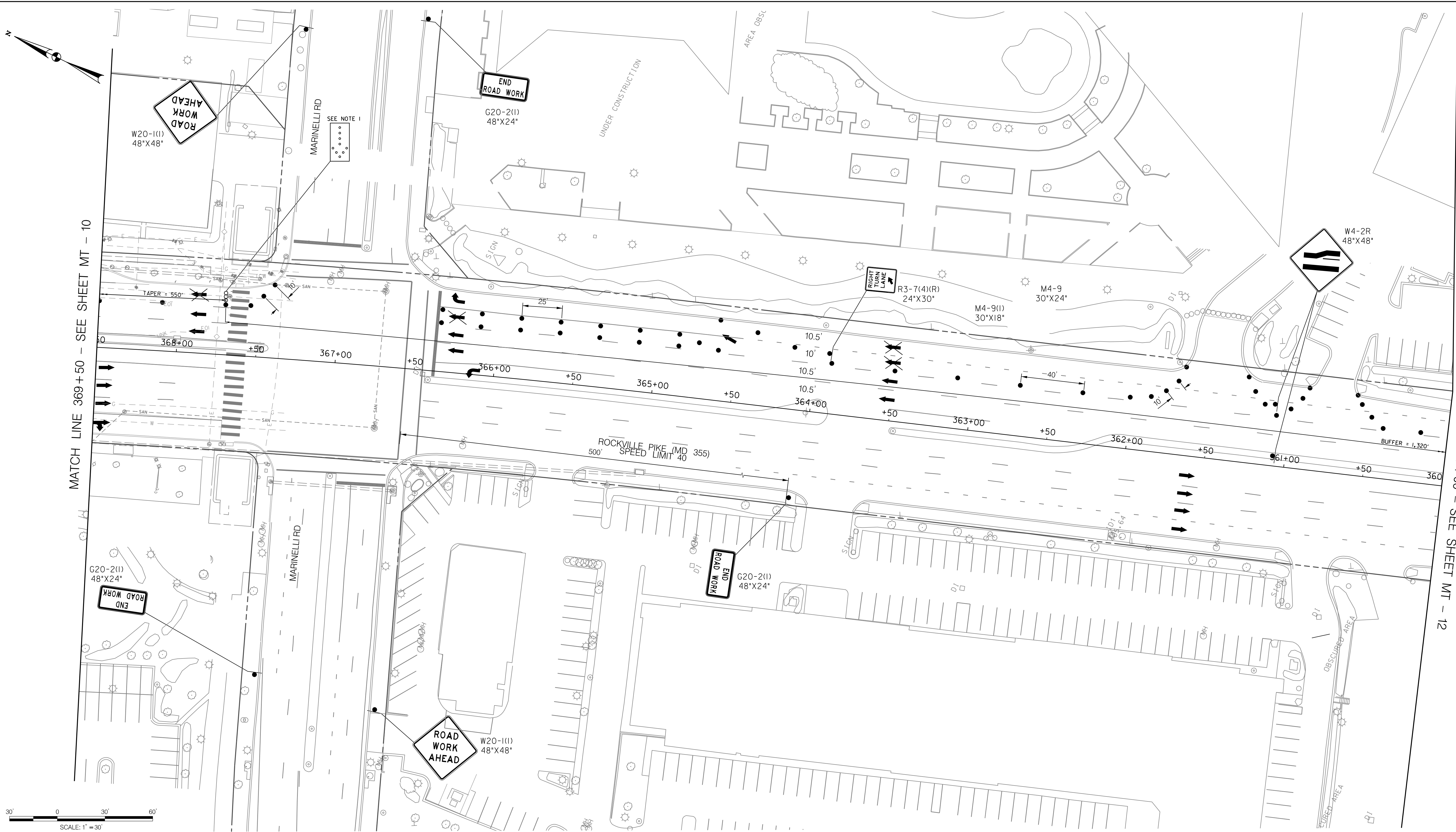
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1B

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 45 of 157

12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P011.dgn



MATCH LINE 369+50 - SEE SHEET MT - 10

MATCH LINE 360+00 - SEE SHEET MT - 12

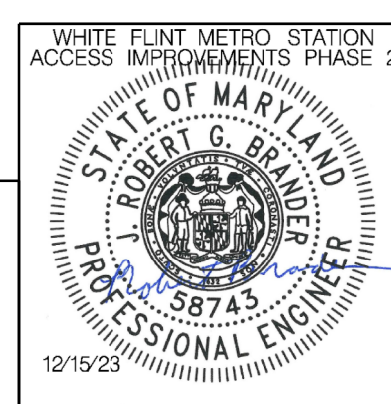
**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**NOTE:**  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 11

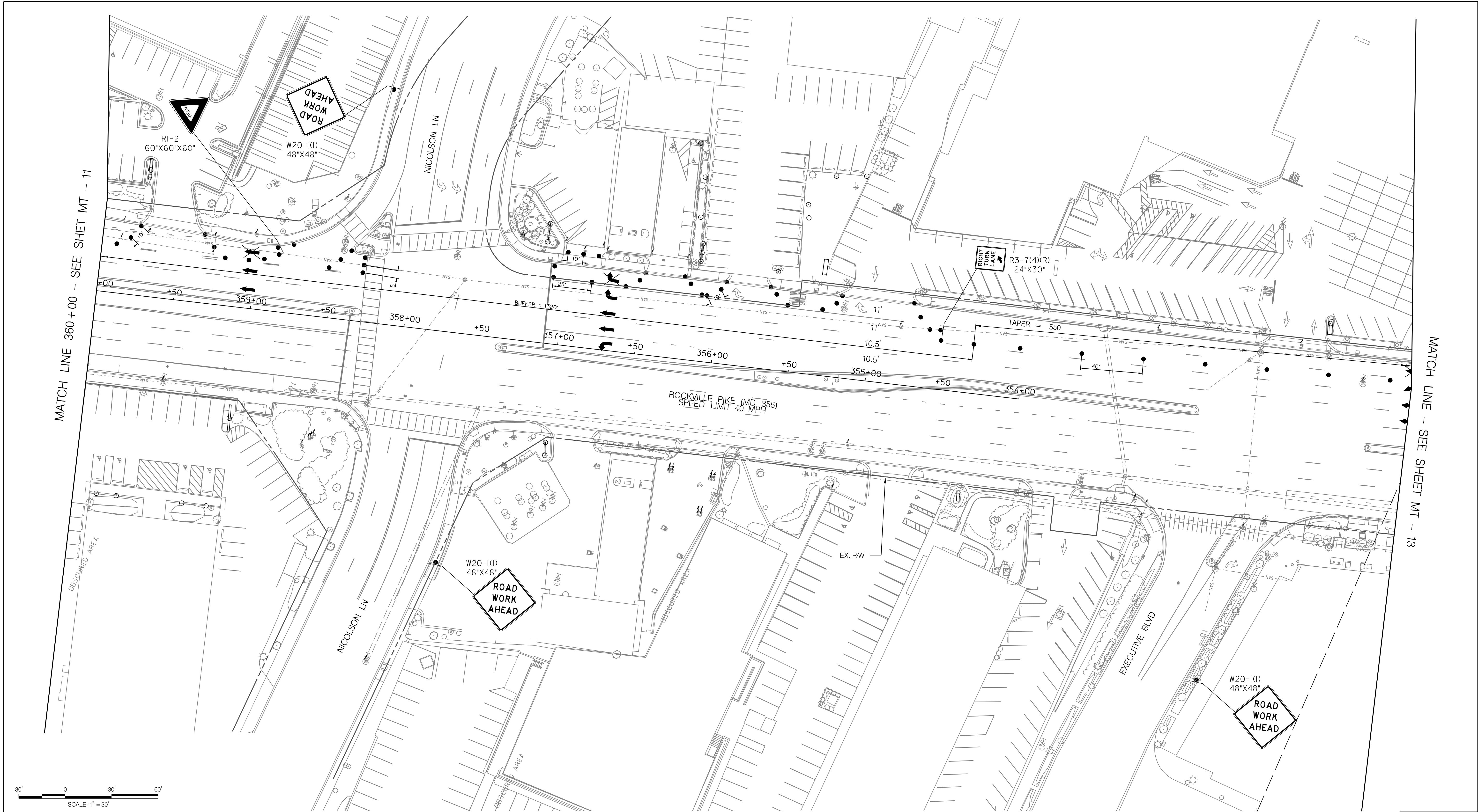
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1B

SCALE : 1" = 30' DATE : DECEMBER 2023

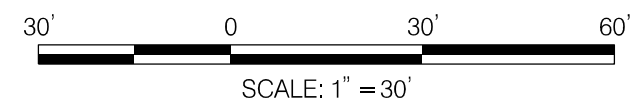
Project No. : 502106 SHEET 46 of 157

12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P012.dgn



MATCH LINE 360+00 - SEE SHET MT - 11

MATCH LINE - SEE SHEET MT - 13



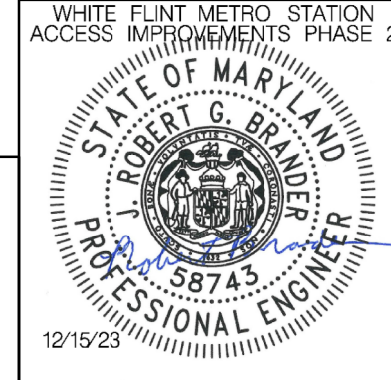
**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**NOTE:**  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering  
 Designed by: RB Drawn by: JM Checked by: RJM

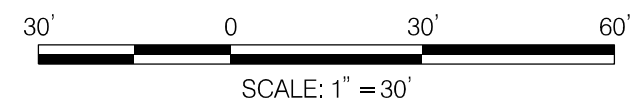
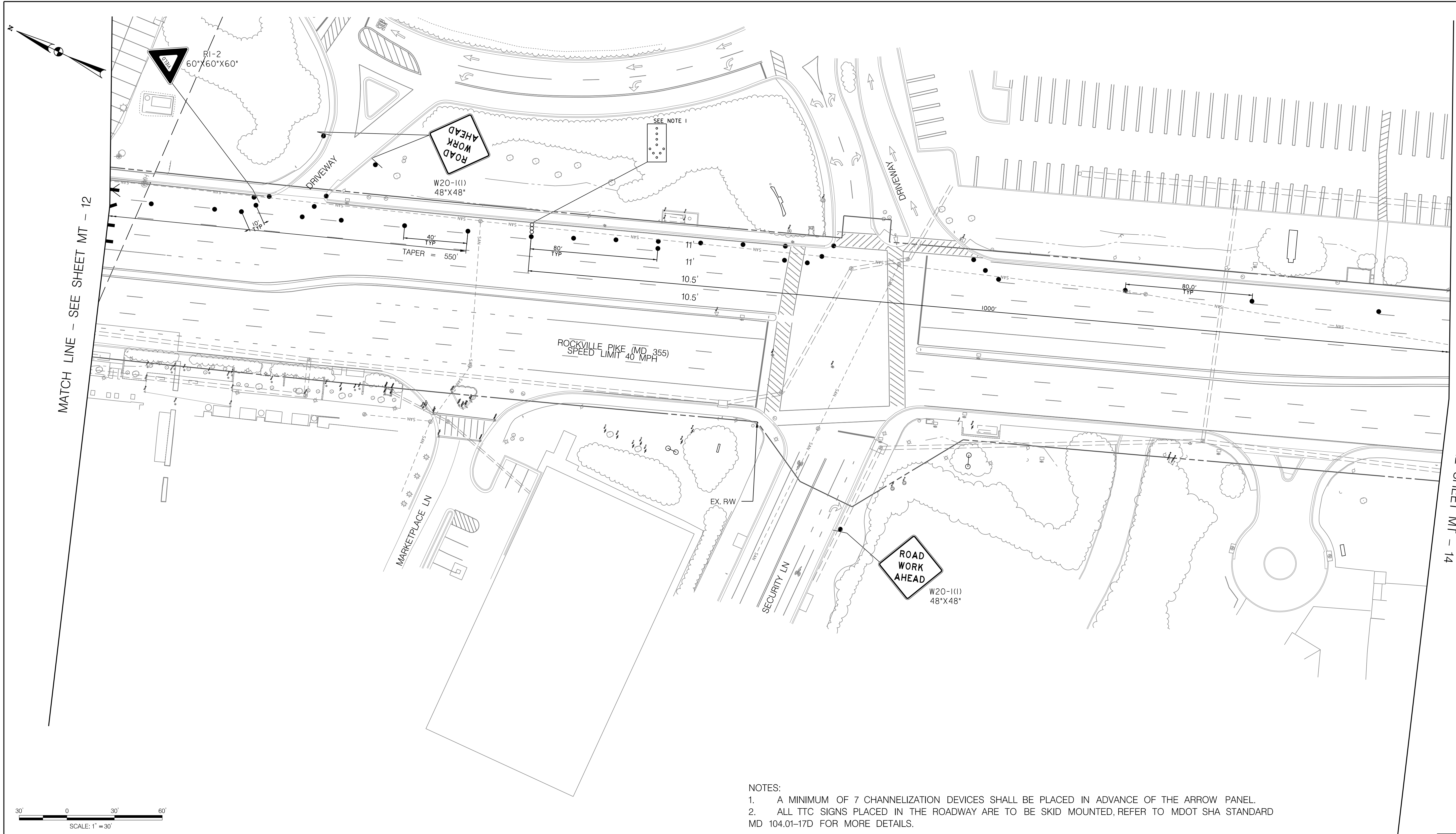
MT - 12

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1B

SCALE : 1" = 30' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 47 of 157

12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P013.dgn



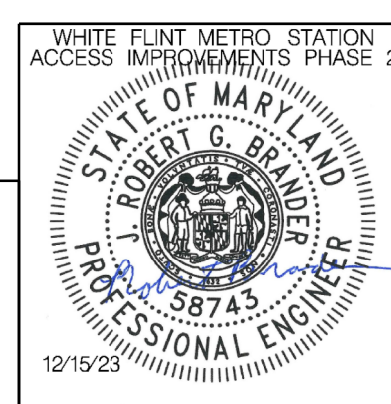
**LEGEND**

- DRUMS
- ⬮ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

- NOTES:**
1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.
  2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by : RB Drawn by : JM Checked by : RJM

MT - 13

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

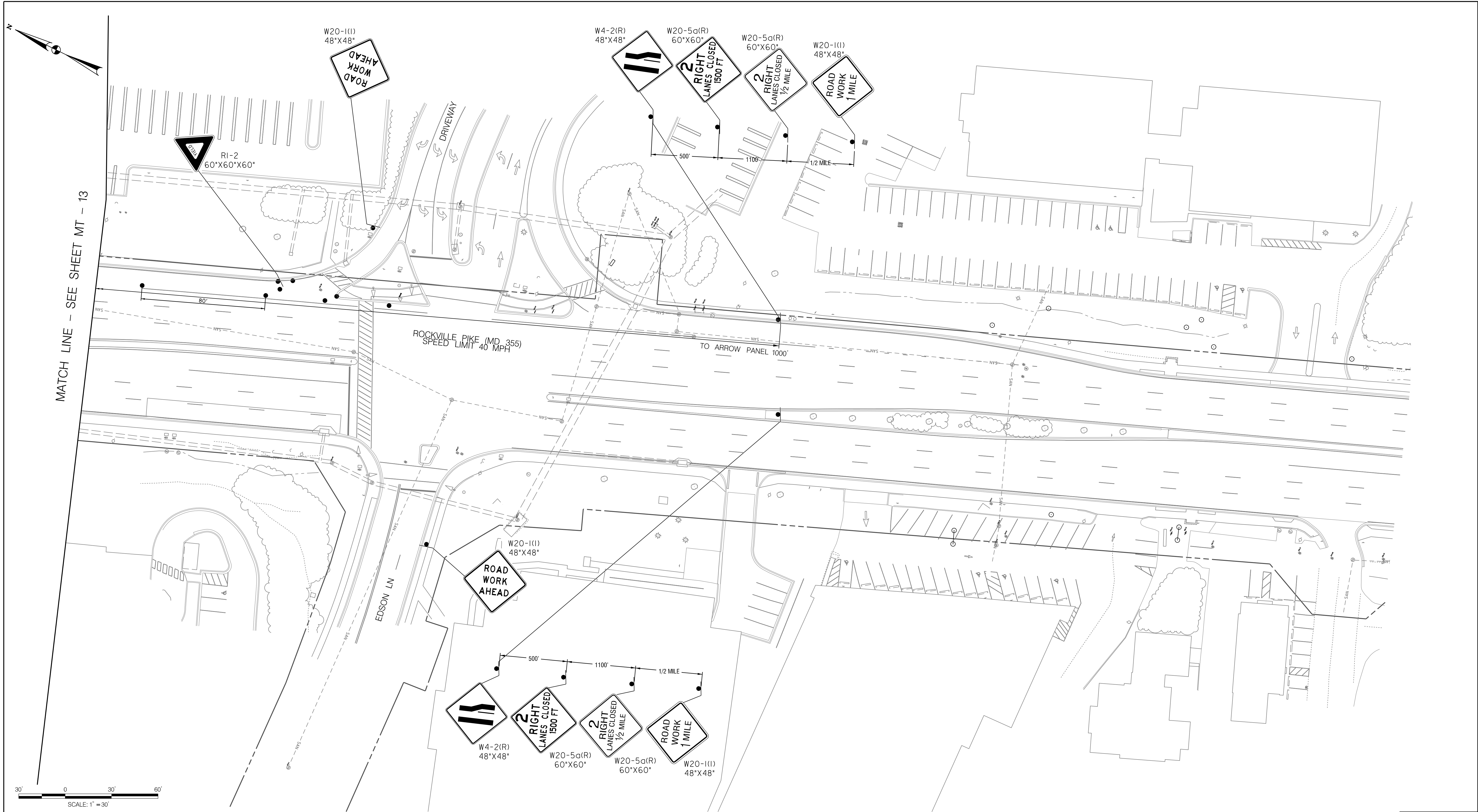
MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1B

SCALE : 1" = 30' DATE : DECEMBER 2023

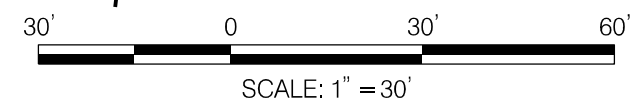
Project No. : 502106 SHEET 48 of 157



12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P014.dgn



MATCH LINE - SEE SHEET MT - 13



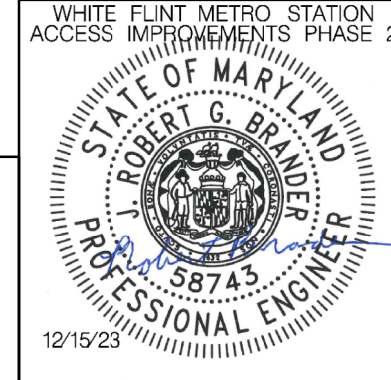
**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

- NOTES:**
1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.
  2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 14

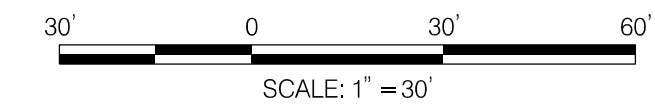
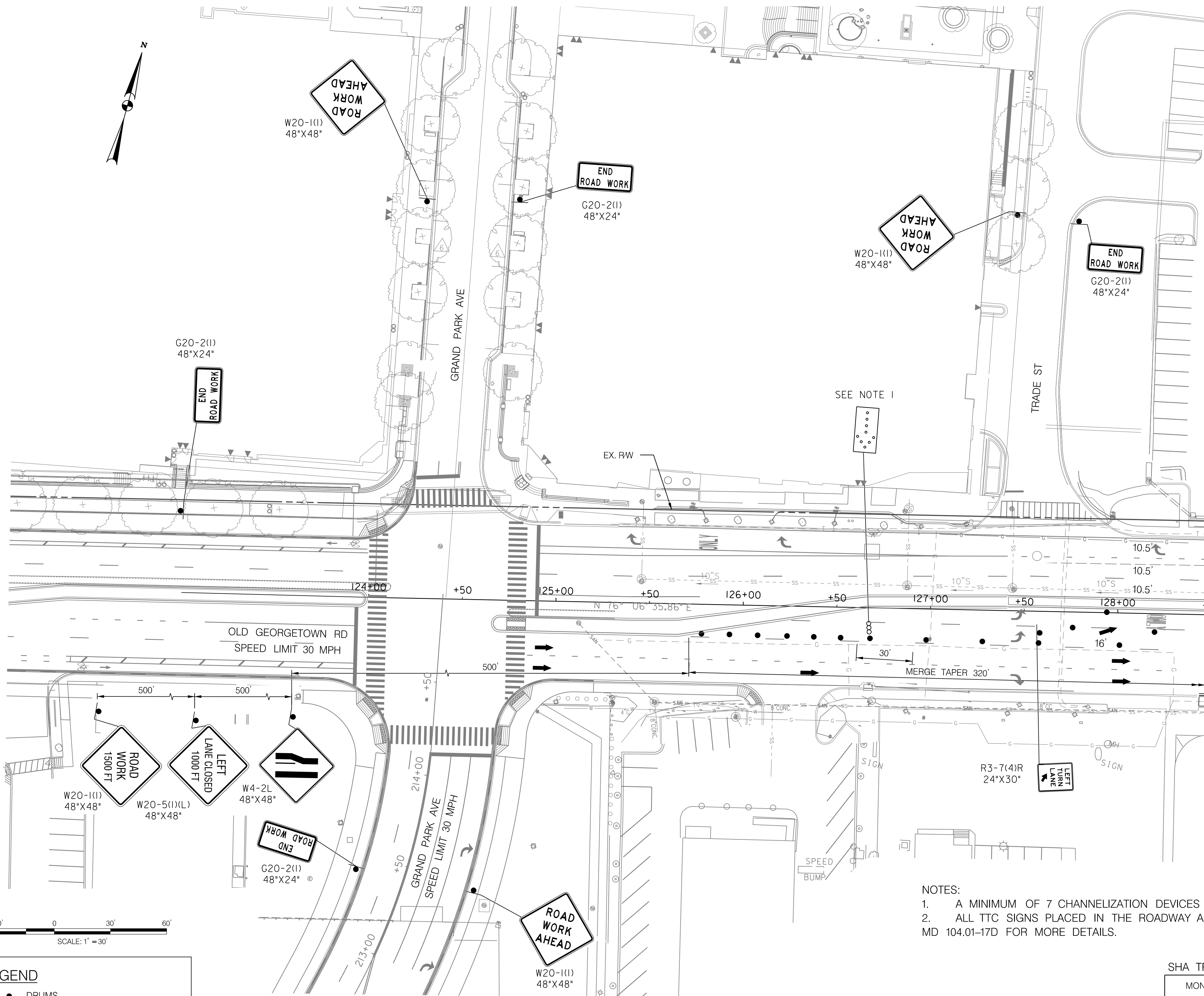
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1B

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 49 of 157

12/15/2023 \\us1527-f01\shared\projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-015.dgn



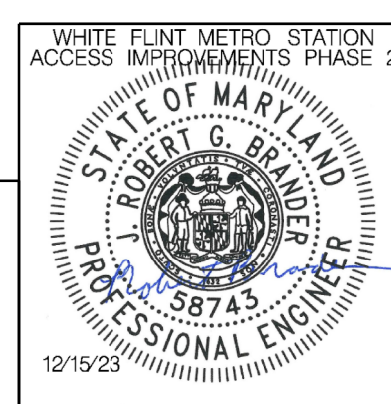
**LEGEND**

- DRUMS
- ⬆ TEMPORARY SIGN AND SUPPORT
- ➔ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

- NOTES:**
1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.
  2. ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RBB Drawn by: JMC Checked by: RJM

MT - 15

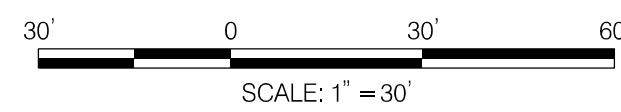
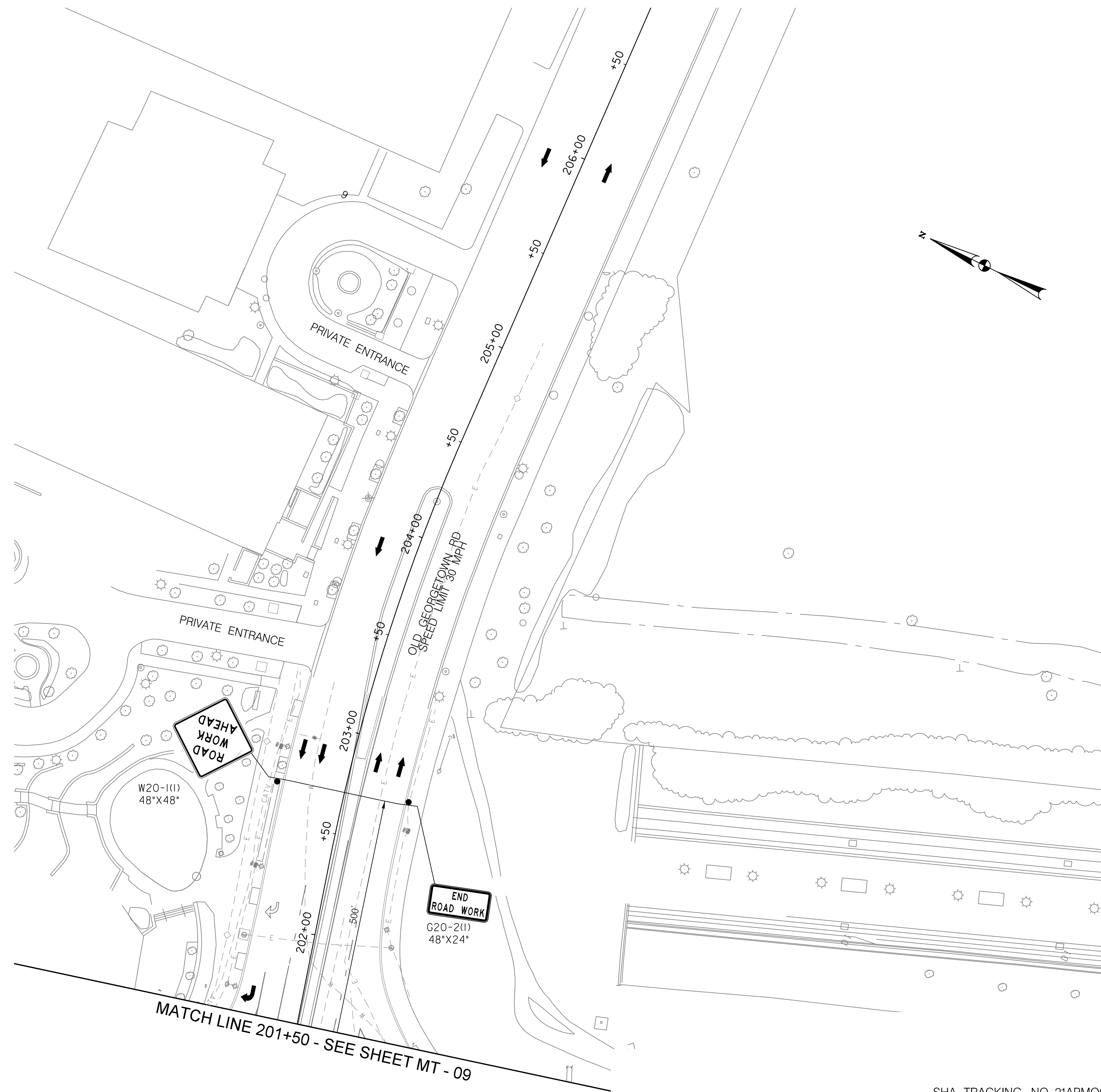
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1B

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 50 of 157

12/15/2023 \\us1527-f01\shared\_projects\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P016.dgn

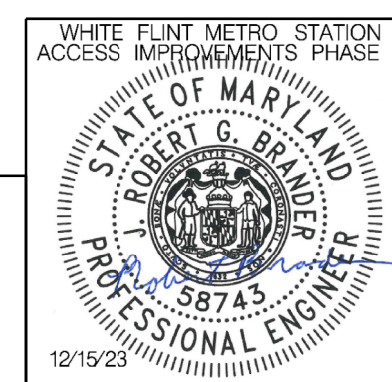


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by : RB Drawn by : JM Checked by : RJM

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1B

SCALE : 1" = 30' DATE : DECEMBER 2023

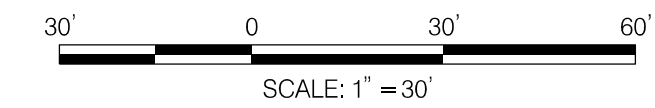
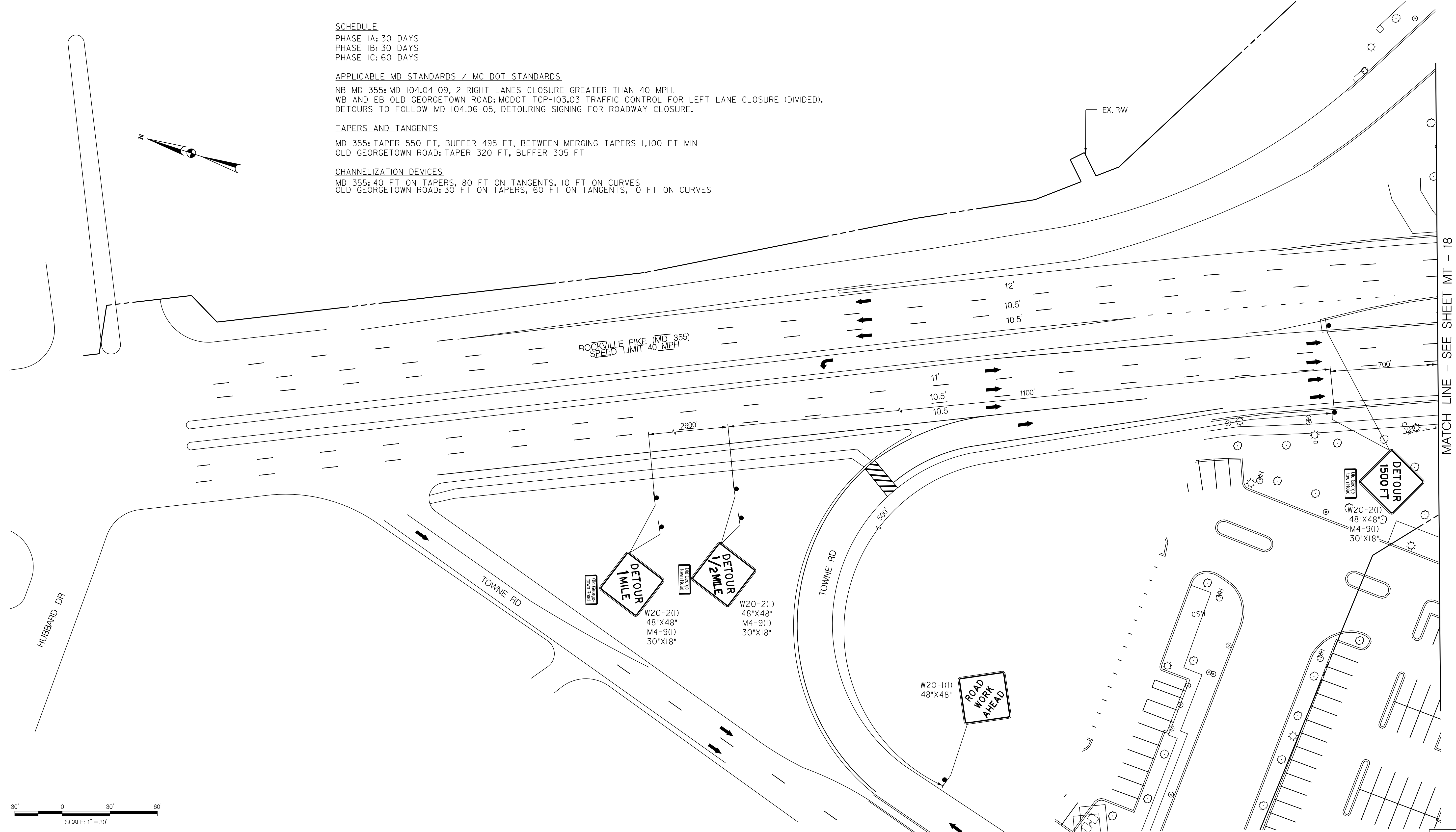
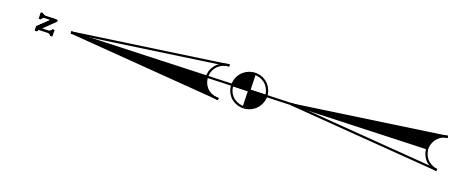
Project No. : 502106 SHEET 51 of 157

**SCHEDULE**  
 PHASE IA: 30 DAYS  
 PHASE IB: 30 DAYS  
 PHASE IC: 60 DAYS

**APPLICABLE MD STANDARDS / MC DOT STANDARDS**  
 NB MD 355: MD 104.04-09, 2 RIGHT LANES CLOSURE GREATER THAN 40 MPH.  
 WB AND EB OLD GEORGETOWN ROAD: MCDOT TCP-103.03 TRAFFIC CONTROL FOR LEFT LANE CLOSURE (DIVIDED).  
 DETOURS TO FOLLOW MD 104.06-05, DETOURING SIGNING FOR ROADWAY CLOSURE.

**TAPERS AND TANGENTS**  
 MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN MERGING TAPERS 1,100 FT MIN  
 OLD GEORGETOWN ROAD: TAPER 320 FT, BUFFER 305 FT

**CHANNELIZATION DEVICES**  
 MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS, 10 FT ON CURVES  
 OLD GEORGETOWN ROAD: 30 FT ON TAPERS, 60 FT ON TANGENTS, 10 FT ON CURVES

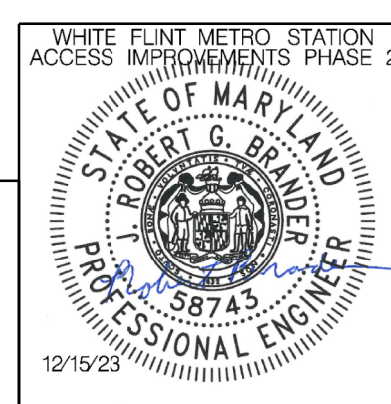


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR

6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RB Drawn by: JM Checked by: RJM

MT - 17

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

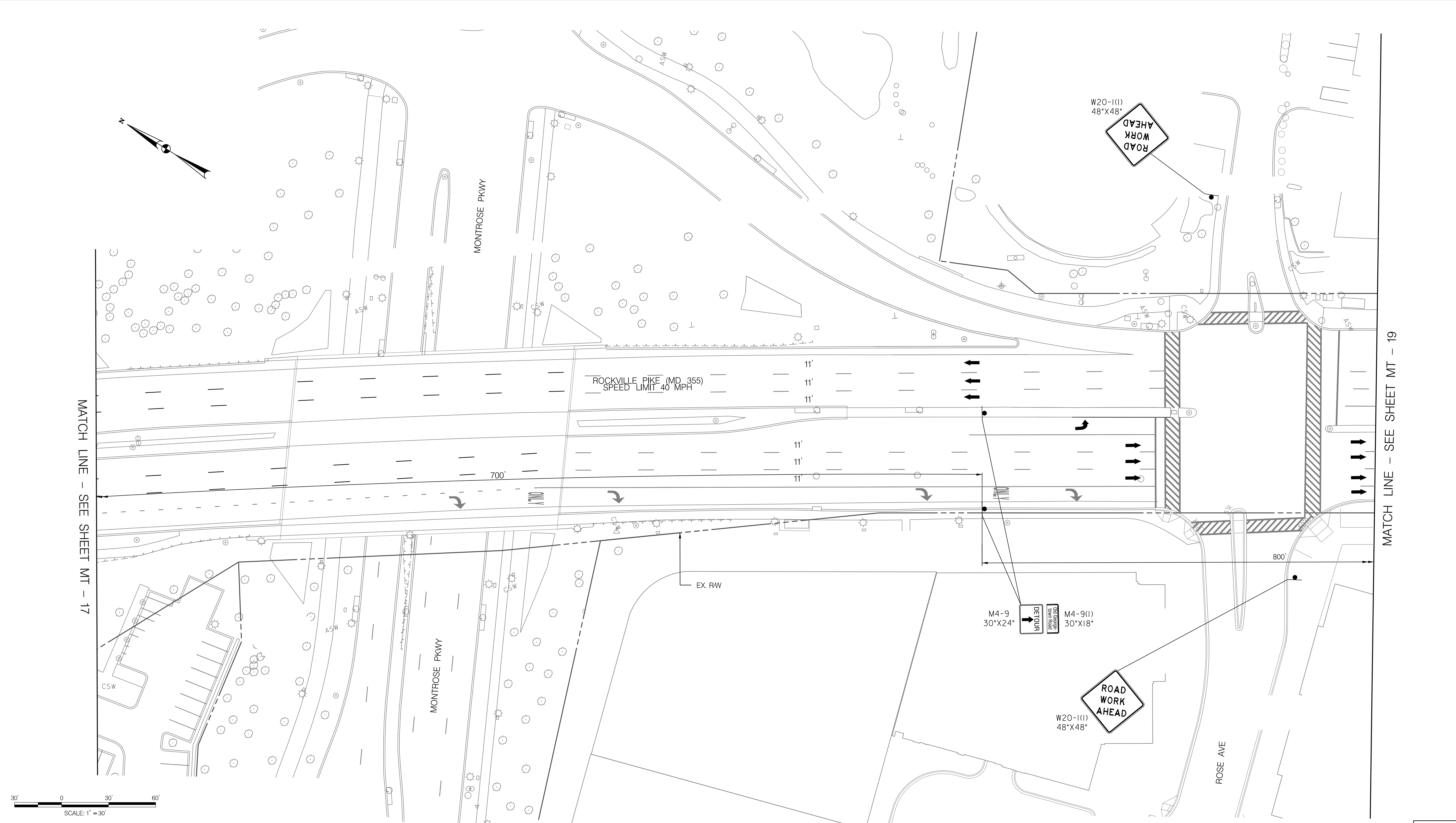
MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1D

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 52 of 157

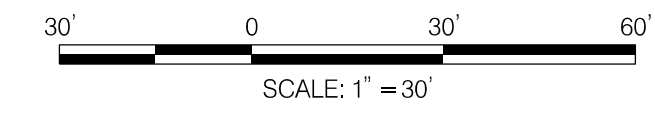
12/15/2023 U:\2026\213204\700 CADD\701 Sheet\Phase 2\pMT-1701.dgn

12/15/2023  
 U:\2026\213204\700\_CADD\701\_Sheet\Phase 2\pMT-P102.dgn



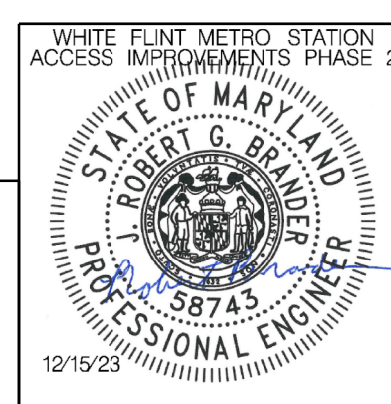
**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 18

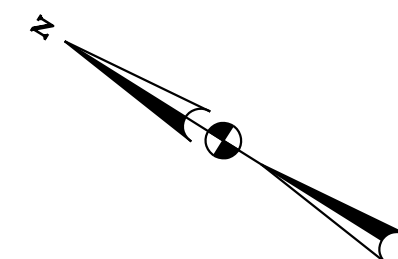
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1D

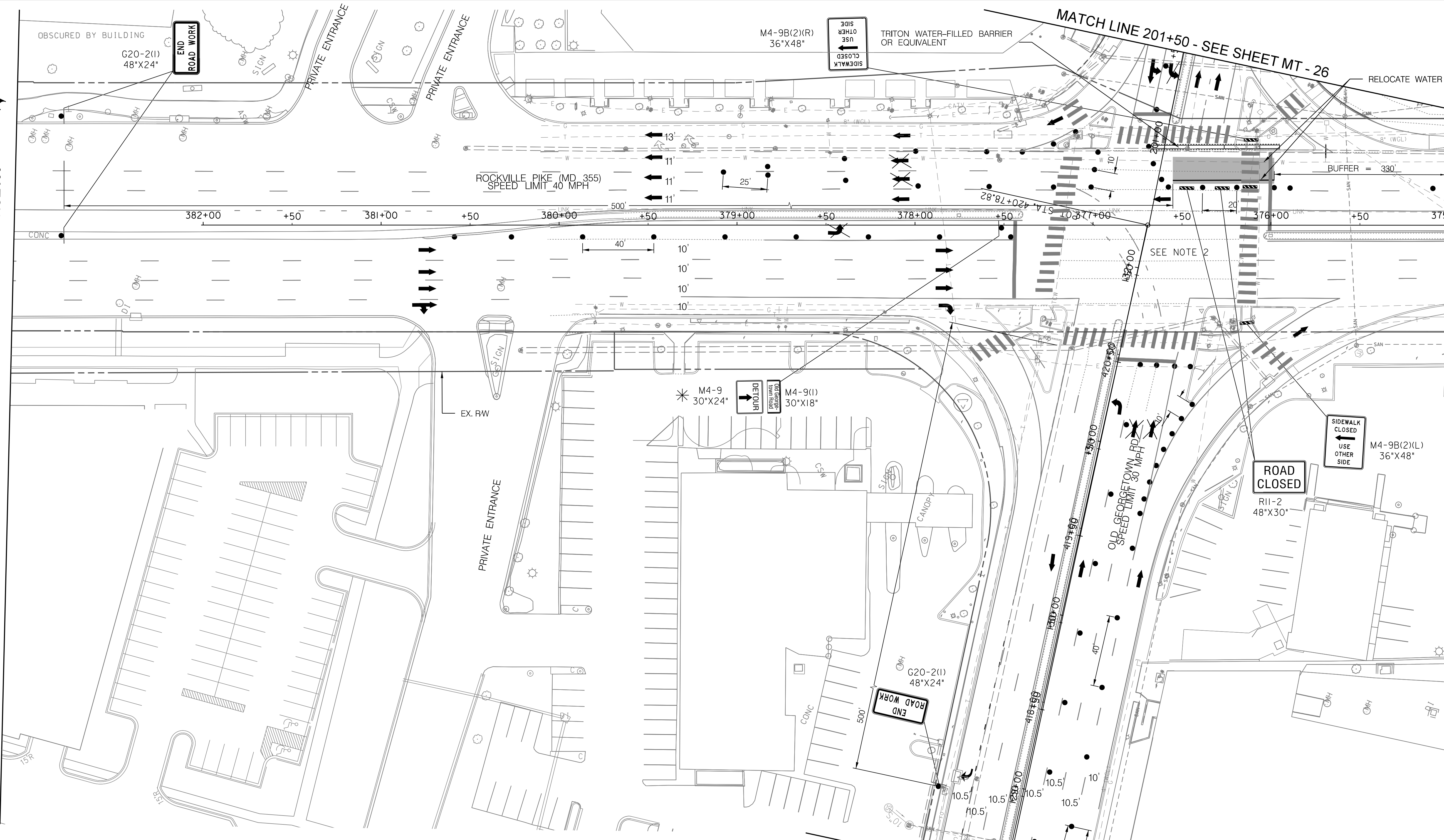
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 53 of 157

12/15/2023  
LA\2026213204\700 CADD\701 Sheet\Phase 2\MT-P103.dgn

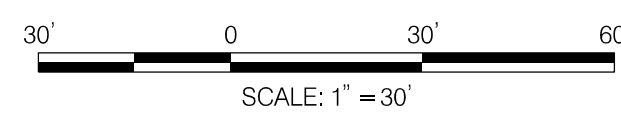


MATCH LINE - SEE SHEET MT - 18



MATCH LINE 375+00 - SEE SHEET MT - 20

NOTE:  
 1. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.  
 2. CONTRACTOR TO COVER THE R3-6 SIGN ON MAST ARM FOR EB APPROACH DURING CONSTRUCTION.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

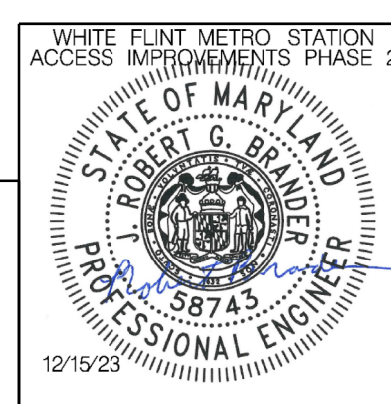


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 19

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1D

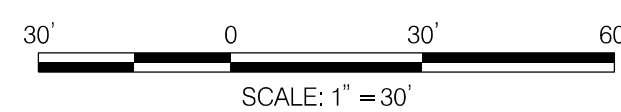
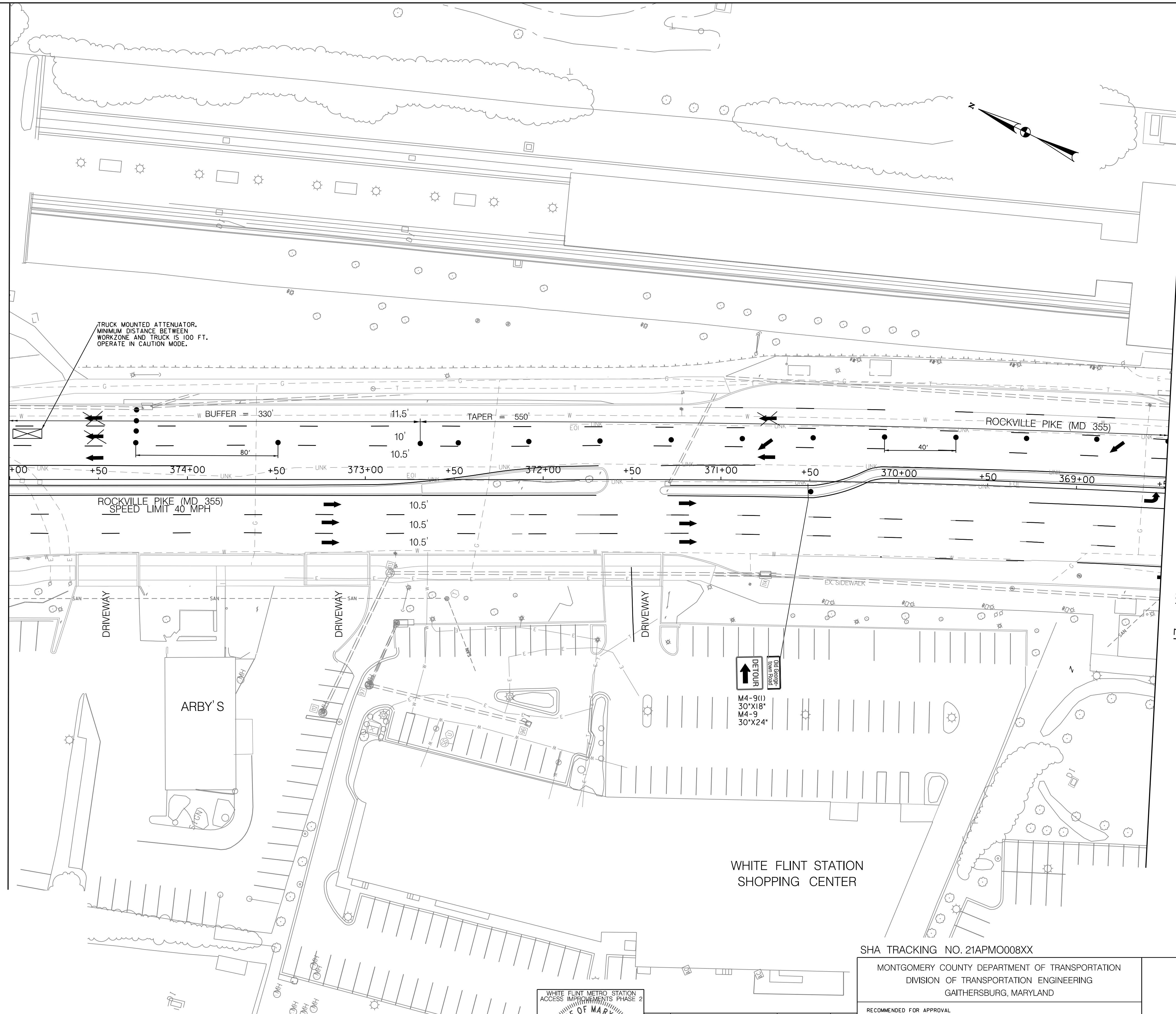
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 54 of 157

12/15/2023  
U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P104.dgn

MATCH LINE 375+00 - SEE SHEET MT - 19

MATCH LINE 369+50 - SEE SHEET MT - 21

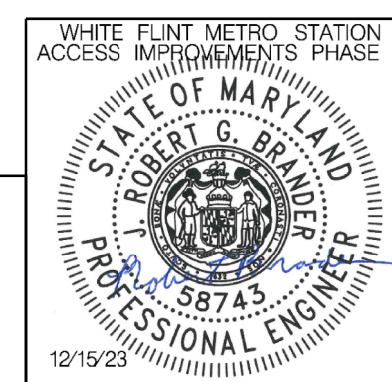


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 20

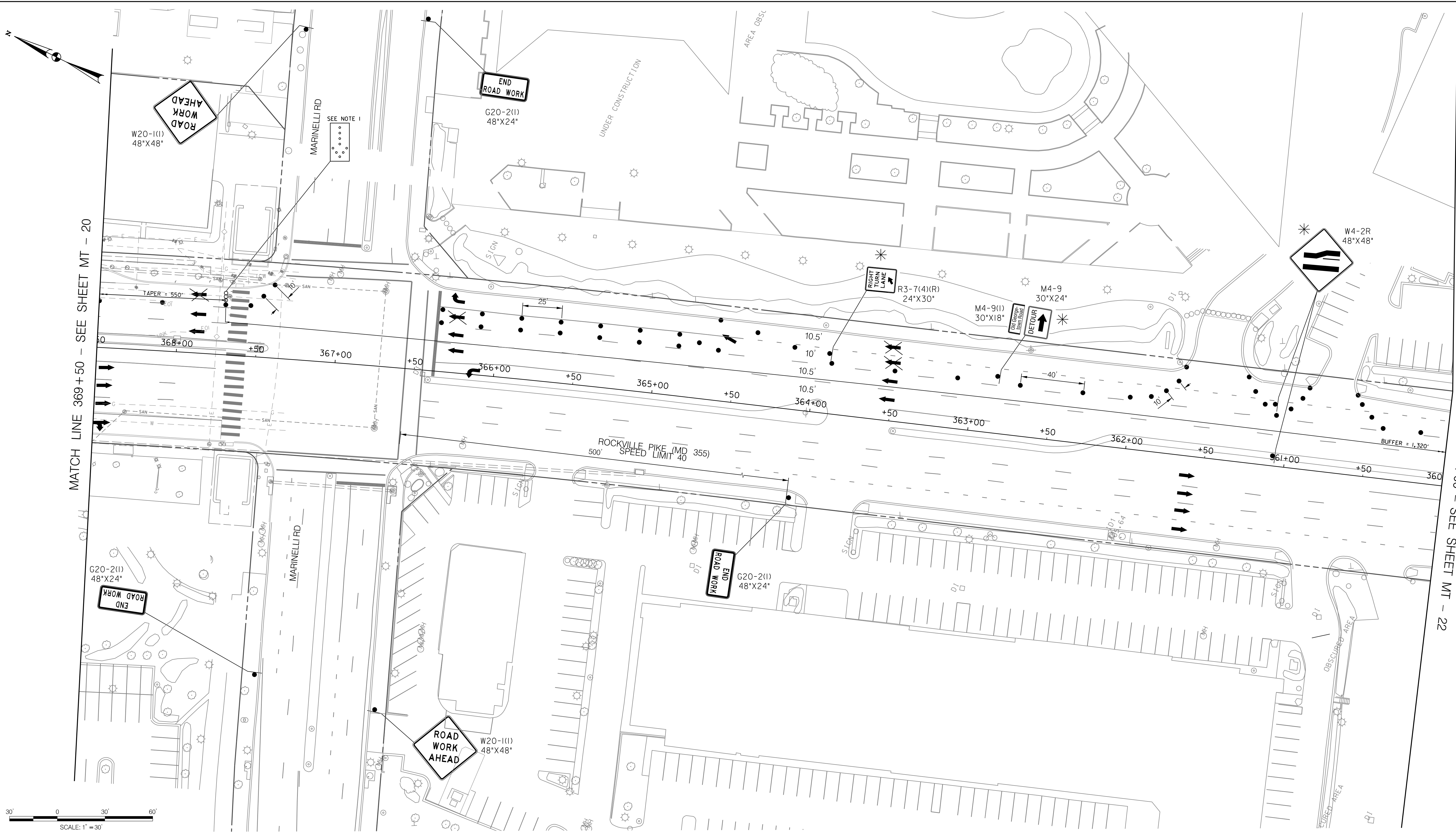
WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
PHASE 1D

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 55 of 157

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P105.dgn



MATCH LINE 369+50 - SEE SHEET MT - 20

MATCH LINE 360+00 - SEE SHEET MT - 22

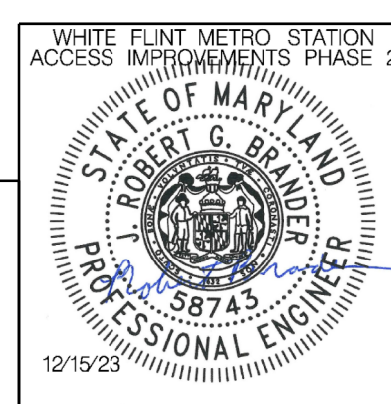
**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**NOTE:**  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 21

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

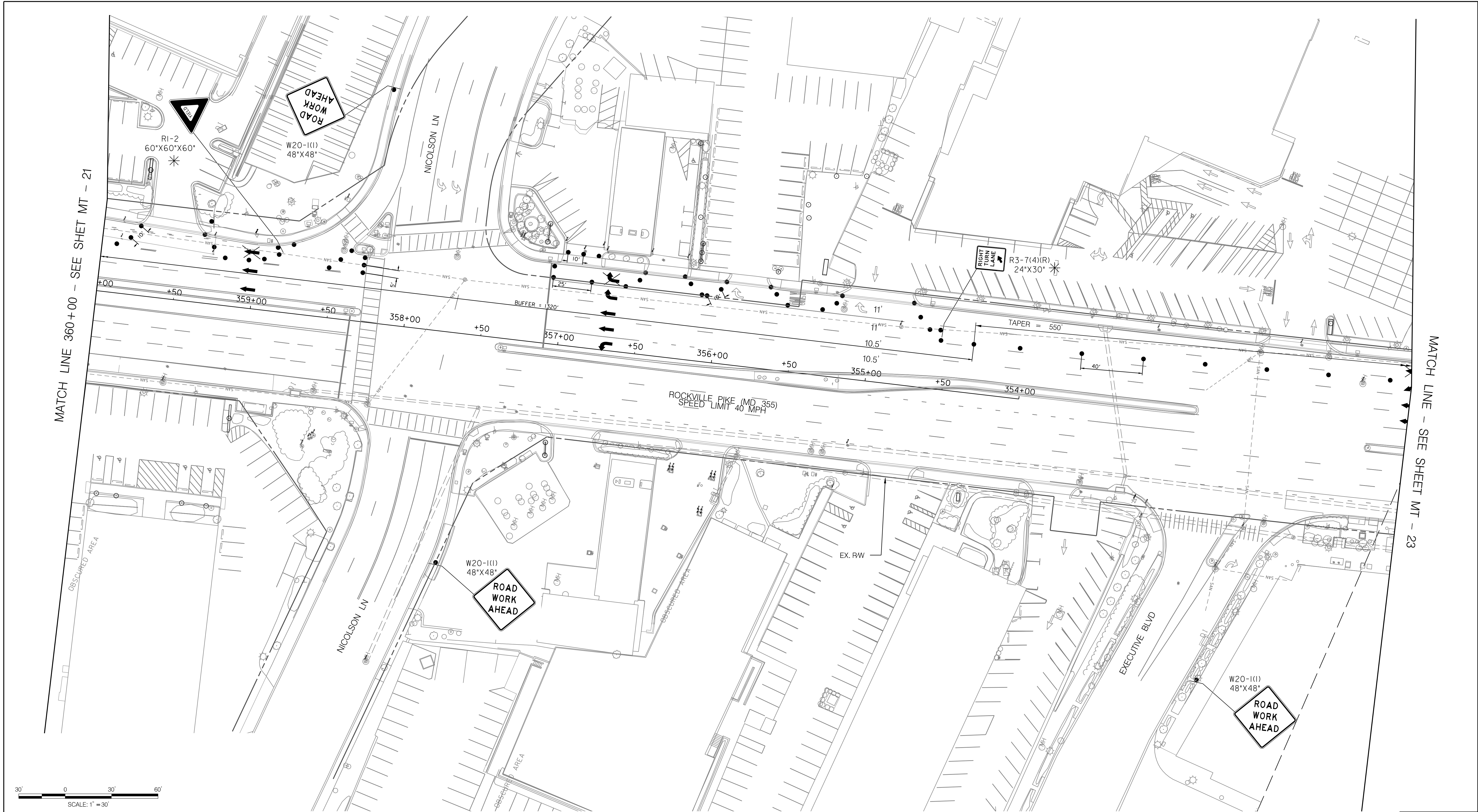
MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1D

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 56 of 157

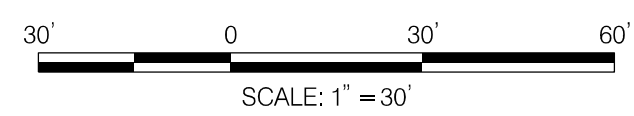


12/15/2023  
 LA:2026213204\700 CADD\701 Sheet\Phase 2\pMT-P106.dgn



MATCH LINE 360+00 - SEE SHET MT - 21

MATCH LINE - SEE SHEET MT - 23



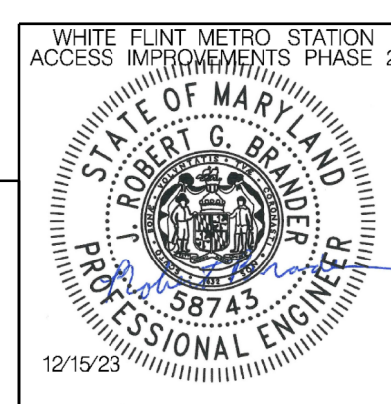
**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

NOTE:  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RB Drawn by: JM Checked by: RJM

MT - 22

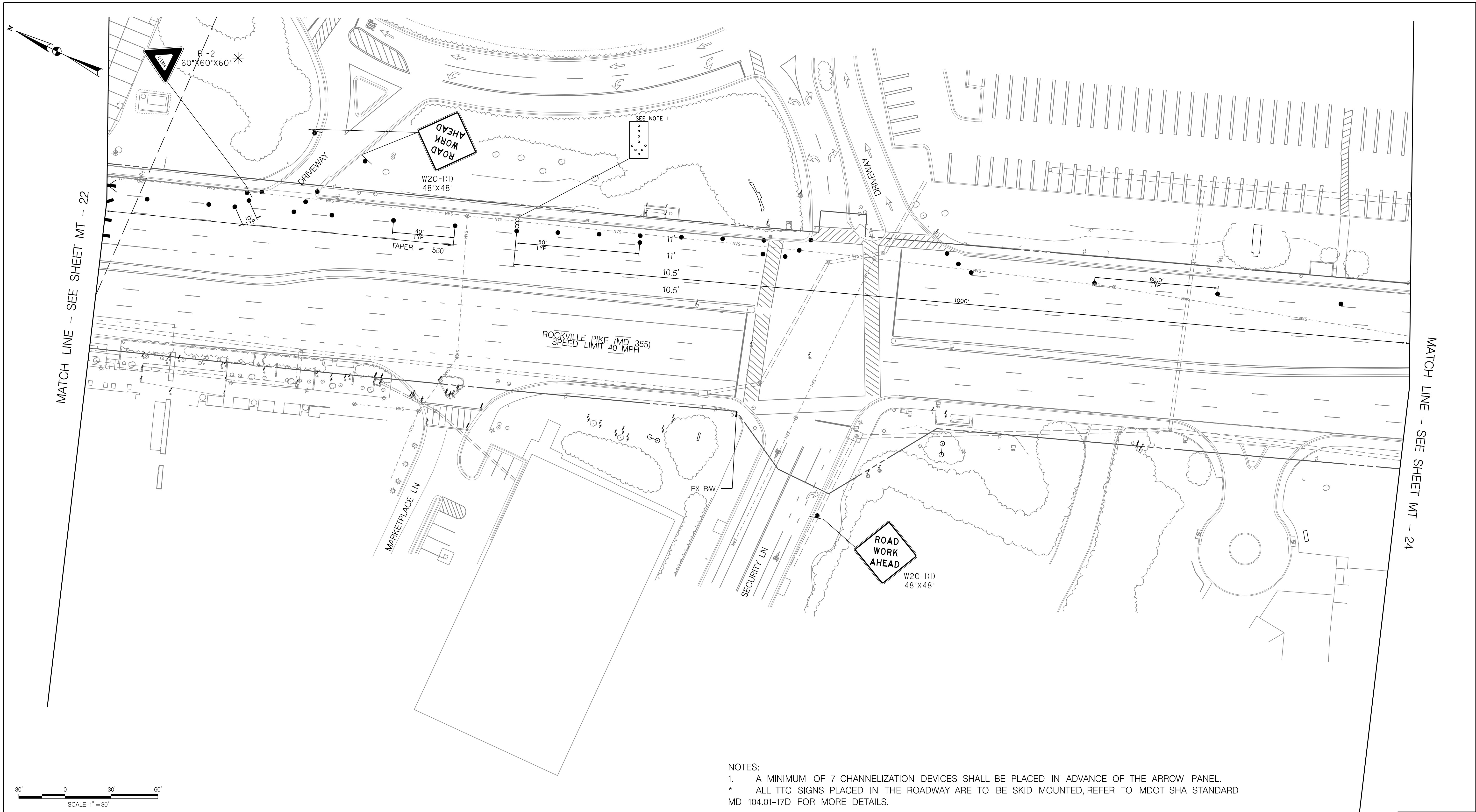
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1D

SCALE : 1" = 30' DATE : DECEMBER 2023

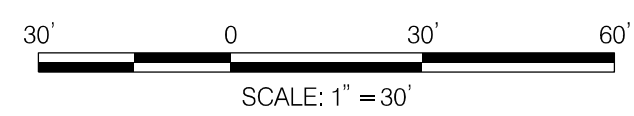
Project No. : 502106 SHEET 57 of 157

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P107.dgn



MATCH LINE - SEE SHEET MT - 22

MATCH LINE - SEE SHEET MT - 24



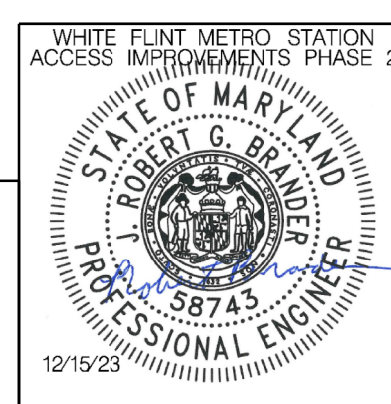
NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**LEGEND**

- DRUMS
- ⬆ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by : RB Drawn by : JM Checked by : RJM

MT - 23

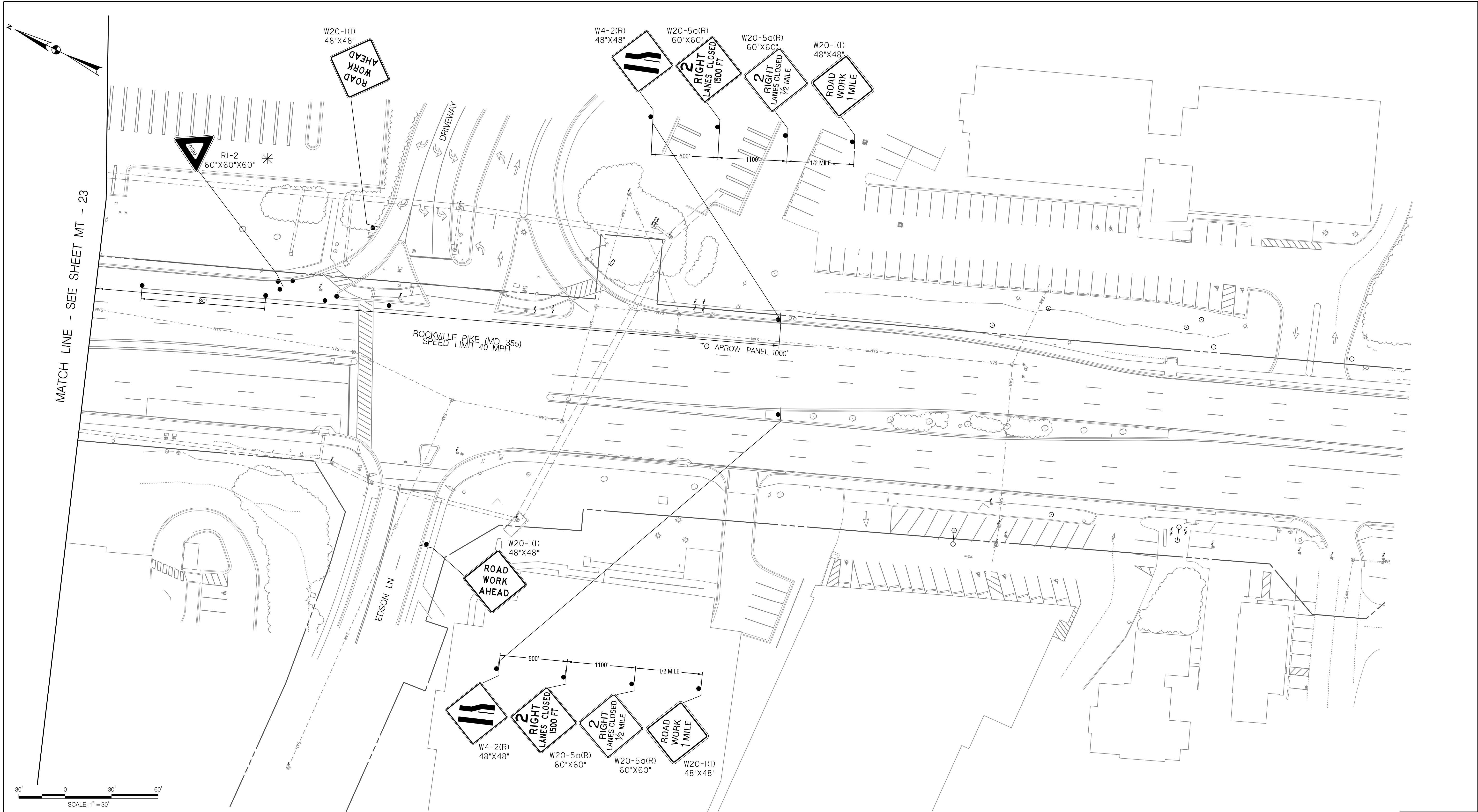
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1D

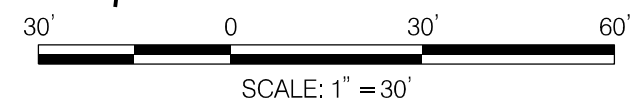
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 58 of 157

12/15/2023  
 LA\2026213204\700 CADD\701 Sheet\Phase 2\PMIT-P108.dgn



MATCH LINE - SEE SHEET MT - 23



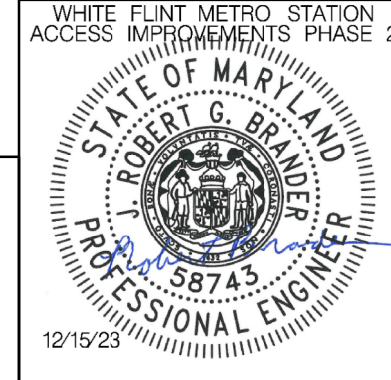
**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**NOTE:**  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.



**PROFESSIONAL CERTIFICATION:**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 24

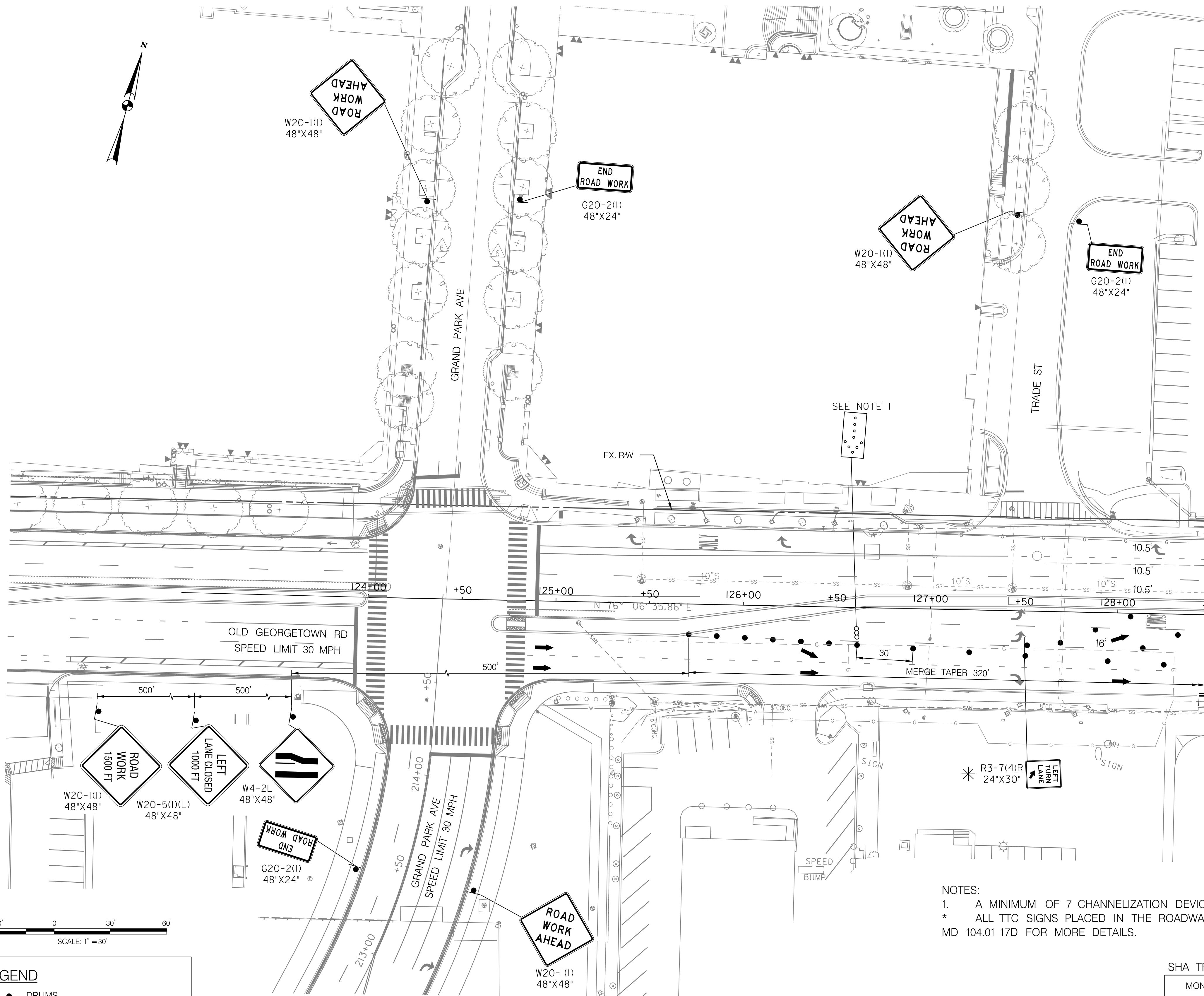
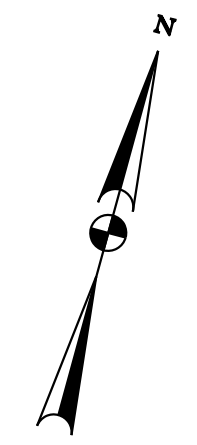
**WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2**

**MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1D**

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 59 of 157

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P109.dgn



MATCH LINE 128+50 - SEE SHEET MT - 19

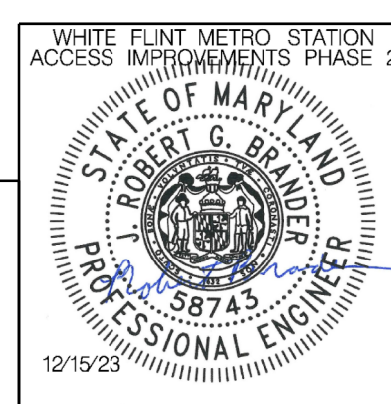
NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**LEGEND**

- DRUMS
- ⬆ TEMPORARY SIGN AND SUPPORT
- ➔ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by : RB Drawn by : JM Checked by : RJM

MT - 25

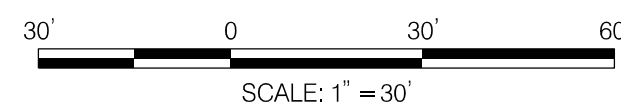
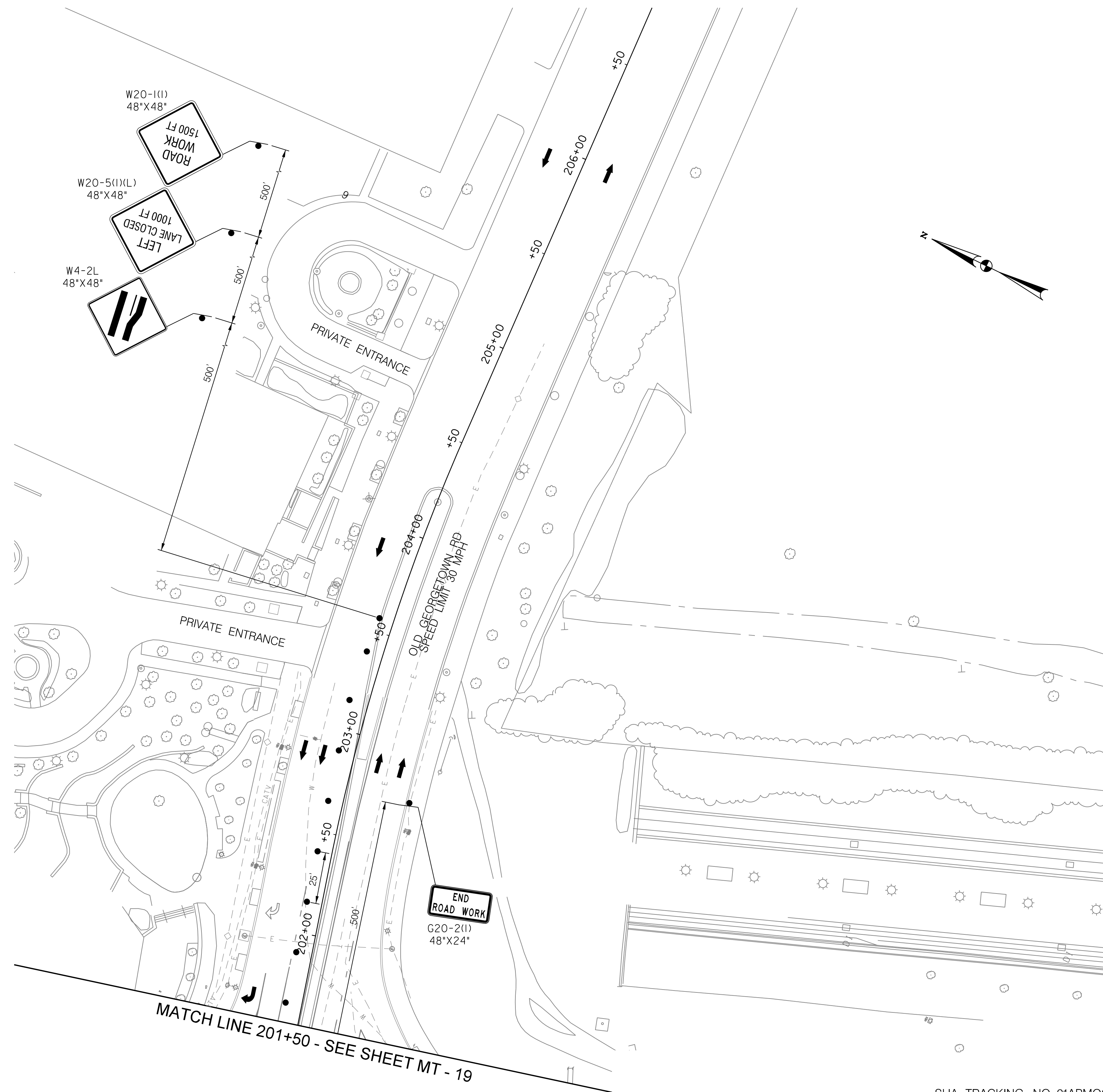
**WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2**

**MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1D**

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 60 of 157

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-PI10.dgn

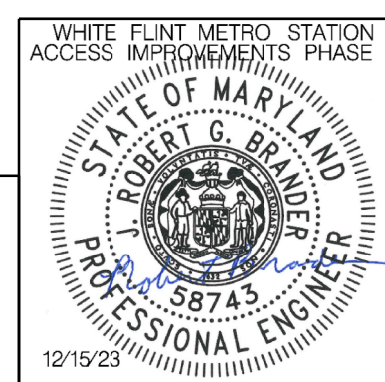


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by : RB Drawn by : JM Checked by : RJM

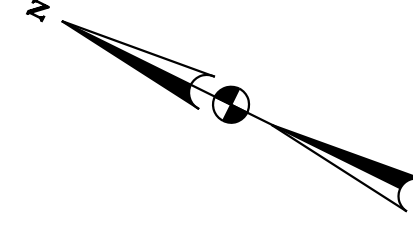
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1D

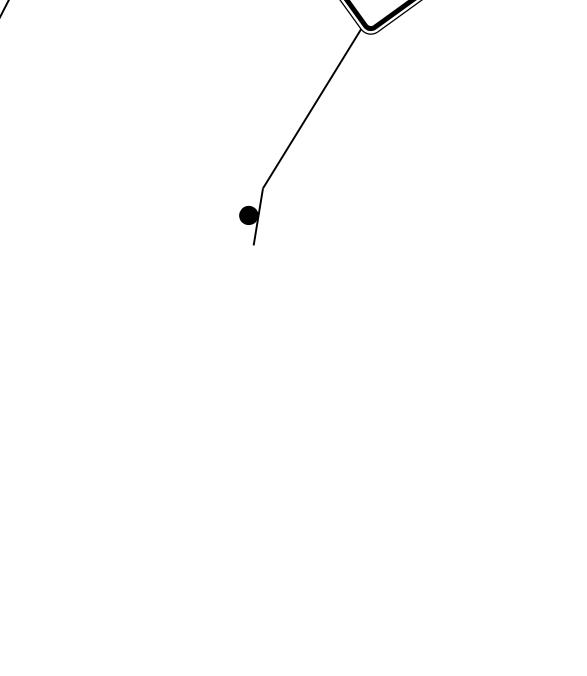
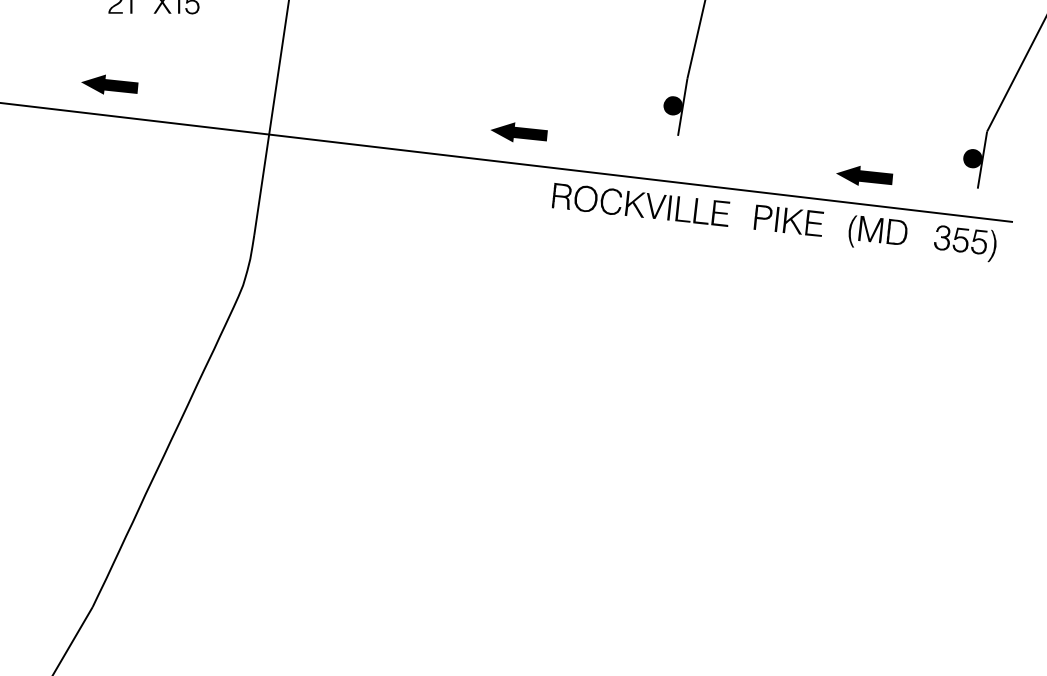
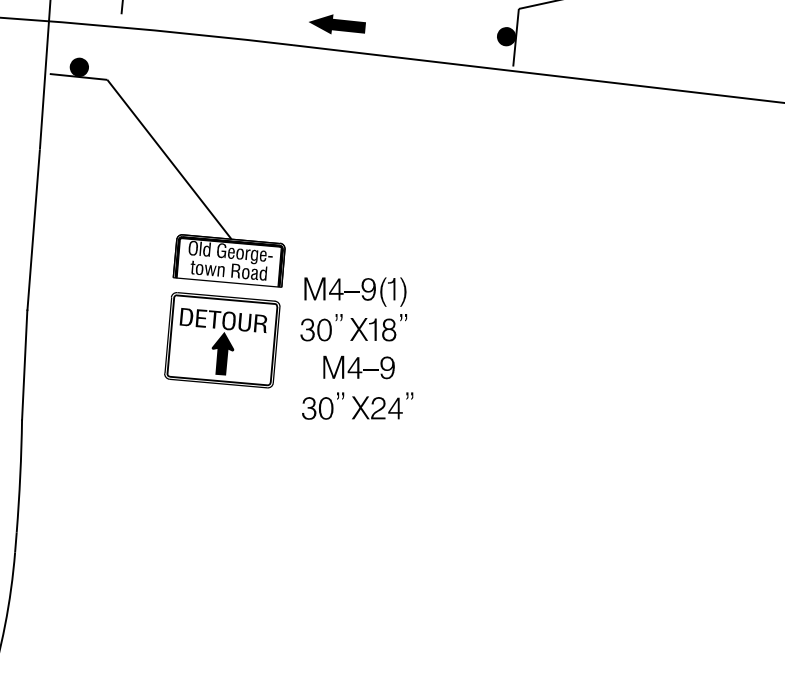
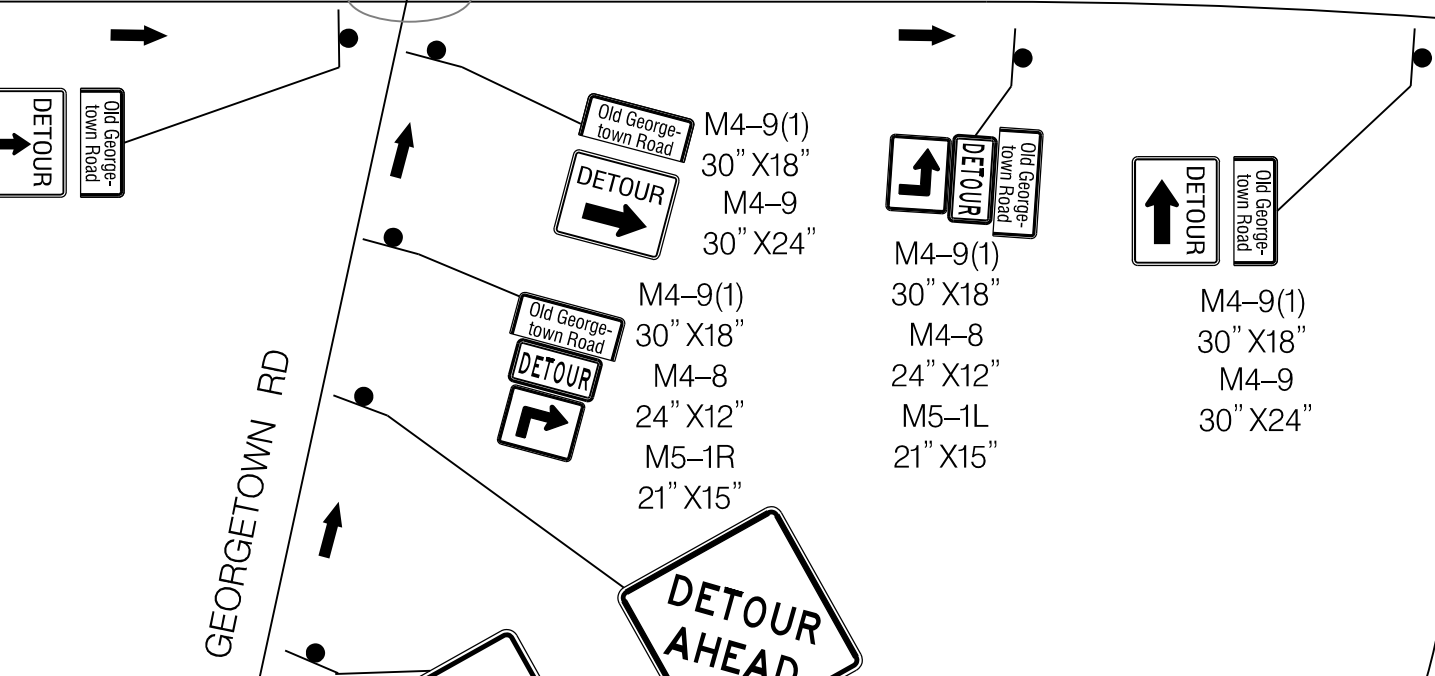
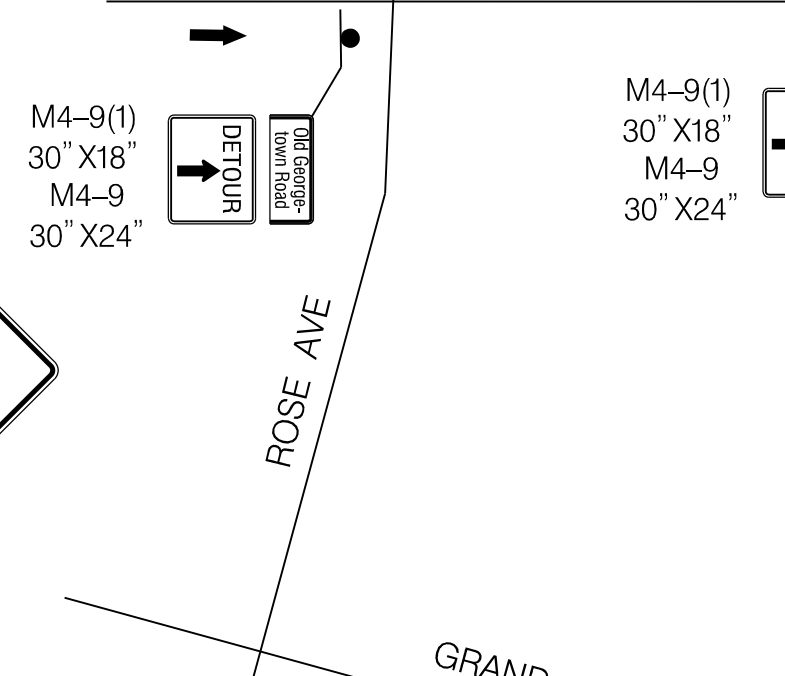
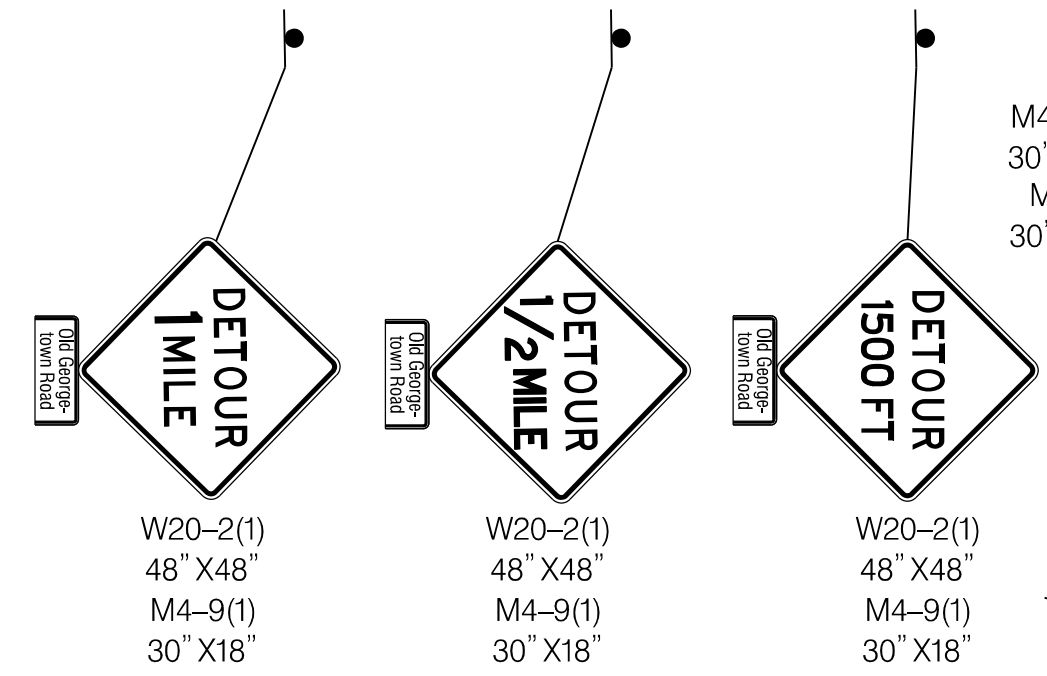
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 61 of 157

MT - 26



NOTES:  
 1. DETOURS TO FOLLOW STANDARD MD 104.06-05  
 2. REFER TO SHEET MT-19 FOR SIGNAGE AT WORK ZONE

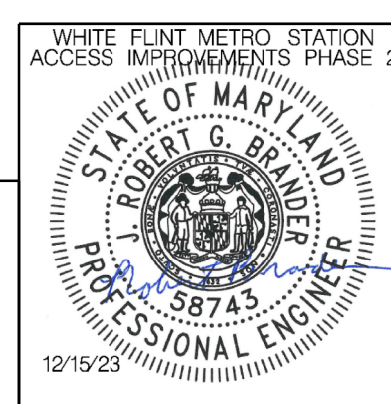


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RB Drawn by: JM Checked by: RJM

MT - 27

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

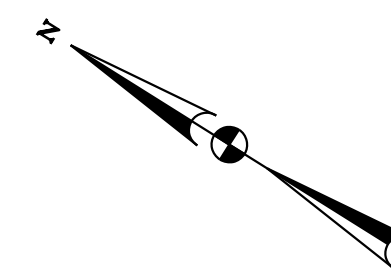
MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1D DETOUR

SCALE : NTS DATE : DECEMBER 2023

Project No. : 502106 SHEET 62 of 157

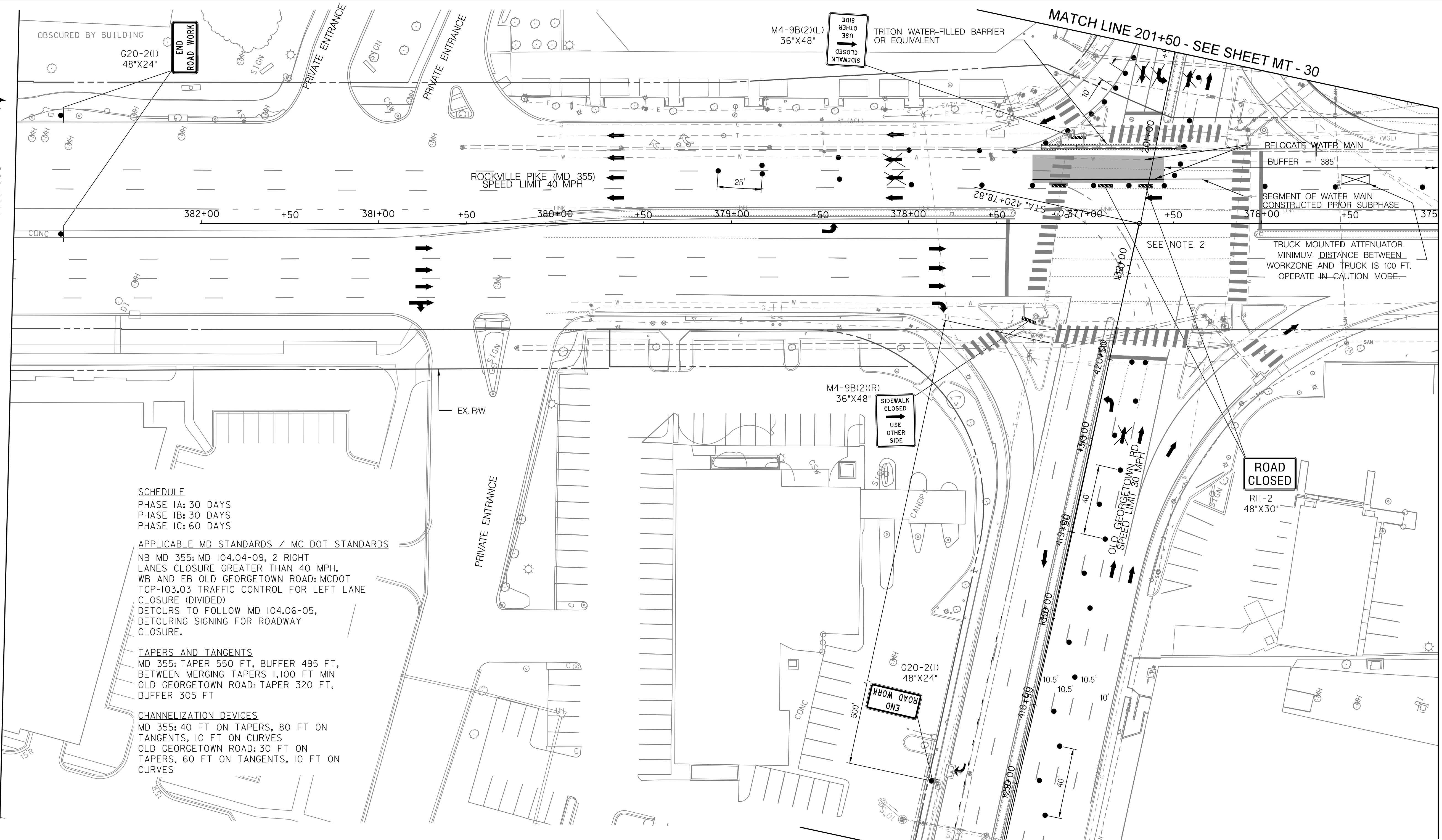
12/15/2023 U:\2026\213204\700 CADD\701 Sheet\Phase 2\pMT-PIII.dgn

12/15/2023  
 UA:2026213204\700 CADD\701 Sheet\Phase 2\pMT-PII2.dgn



MATCH LINE - SEE SHEET MT - 18

MATCH LINE 375+00 - SEE SHEET MT - 20



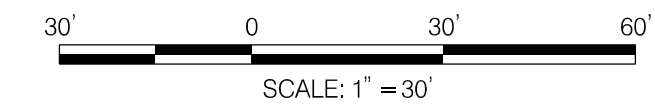
**SCHEDULE**  
 PHASE 1A: 30 DAYS  
 PHASE 1B: 30 DAYS  
 PHASE 1C: 60 DAYS

**APPLICABLE MD STANDARDS / MC DOT STANDARDS**  
 NB MD 355: MD 104.04-09, 2 RIGHT LANES CLOSURE GREATER THAN 40 MPH.  
 WB AND EB OLD GEORGETOWN ROAD: MCDOT TCP-103.03 TRAFFIC CONTROL FOR LEFT LANE CLOSURE (DIVIDED)  
 DETOURS TO FOLLOW MD 104.06-05, DETOURING SIGNING FOR ROADWAY CLOSURE.

**TAPERS AND TANGENTS**  
 MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN MERGING TAPERS 1,100 FT MIN  
 OLD GEORGETOWN ROAD: TAPER 320 FT, BUFFER 305 FT

**CHANNELIZATION DEVICES**  
 MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS, 10 FT ON CURVES  
 OLD GEORGETOWN ROAD: 30 FT ON TAPERS, 60 FT ON TANGENTS, 10 FT ON CURVES

**NOTES:**  
 1. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.  
 2. CONTRACTOR TO COVER THE R3-6 AND R3-5 SIGNS ON MAST ARM FOR EB APPROACH DURING CONSTRUCTION.

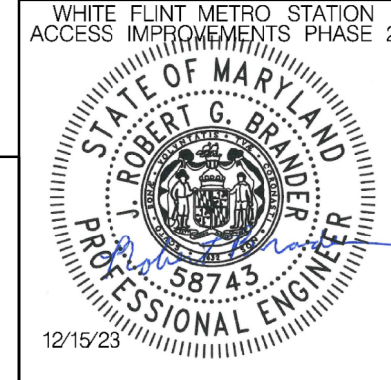


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 Date

APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering  
 Date

Designed by: RB Drawn by: JM Checked by: RJM

MT - 28

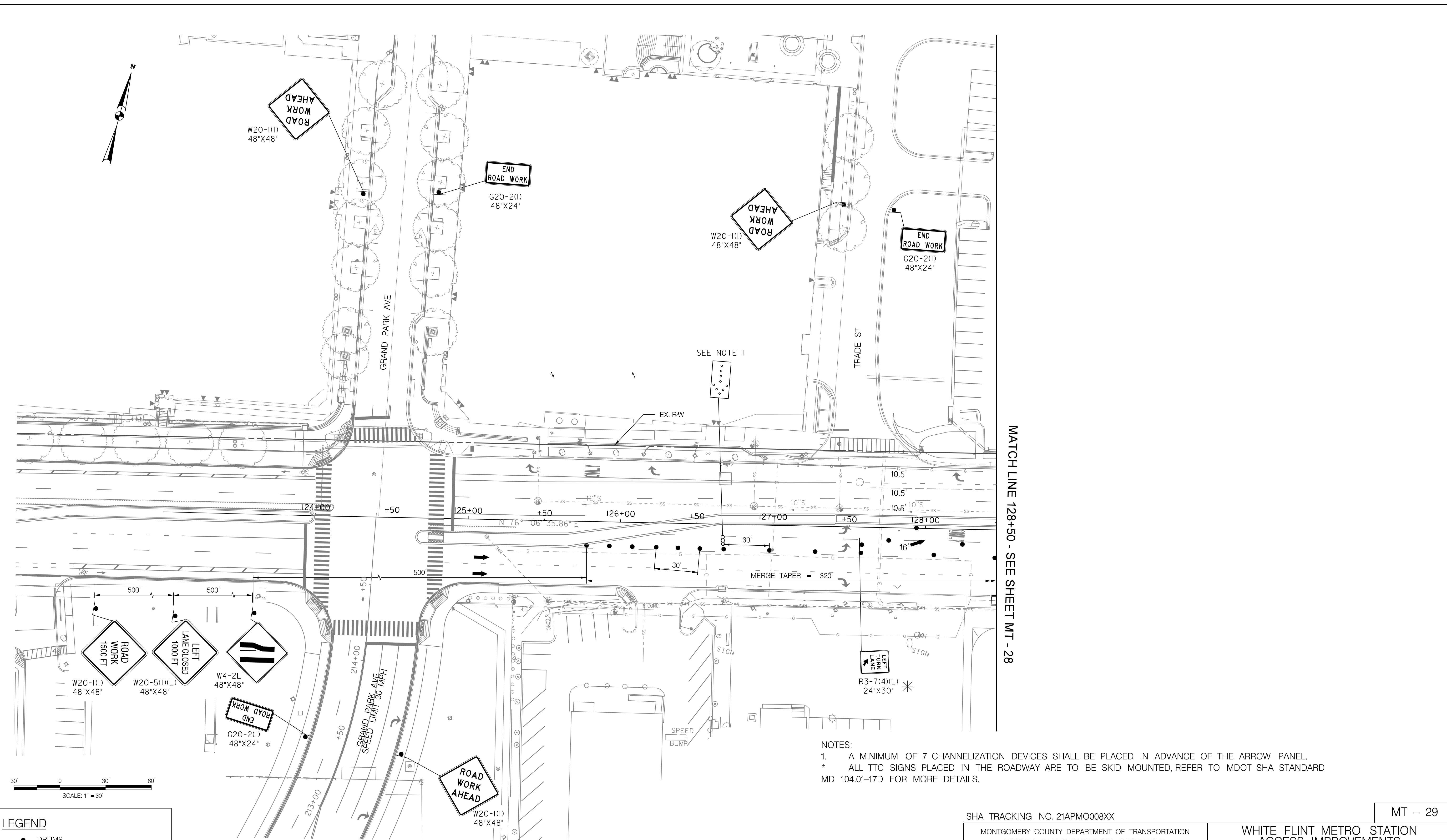
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1E

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 63 of 157

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P113.dgn



MATCH LINE 128+50 - SEE SHEET MT - 28

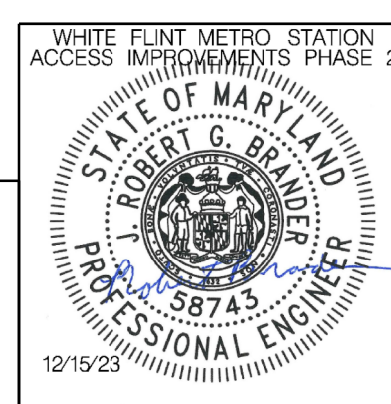
NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 29

**WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2**

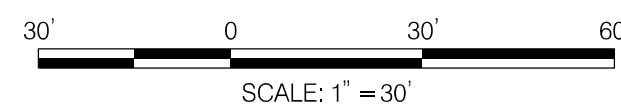
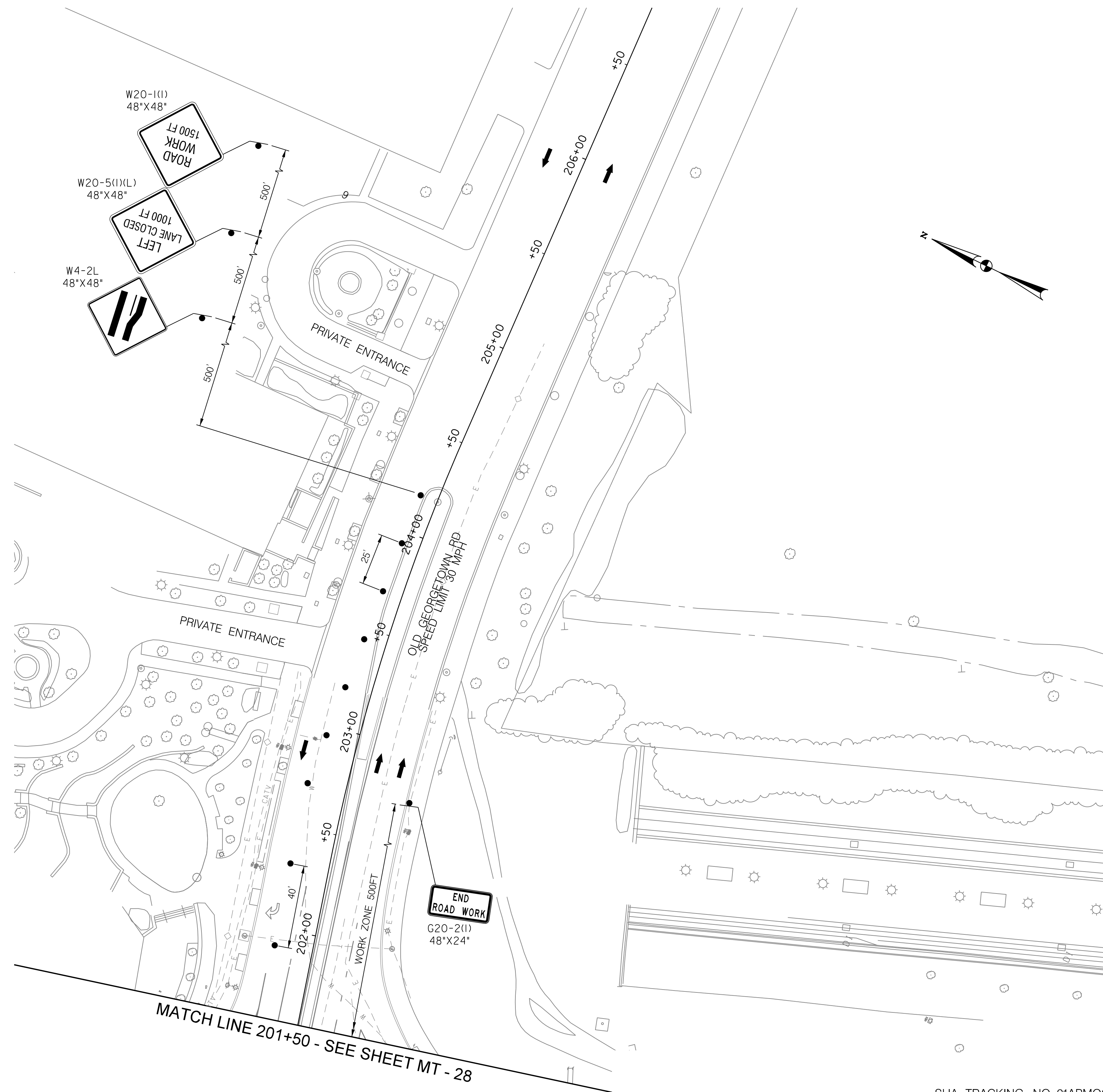
**MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1E**

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 64 of 157



12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-PI14.dgn

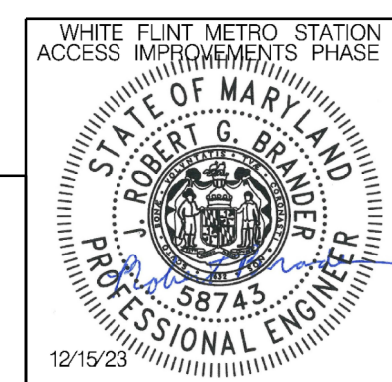


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by : RB Drawn by : JM Checked by : RJM

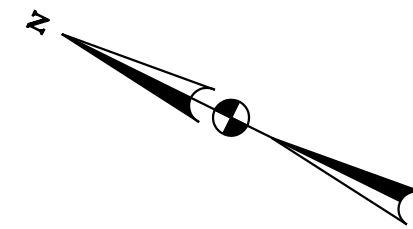
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1E

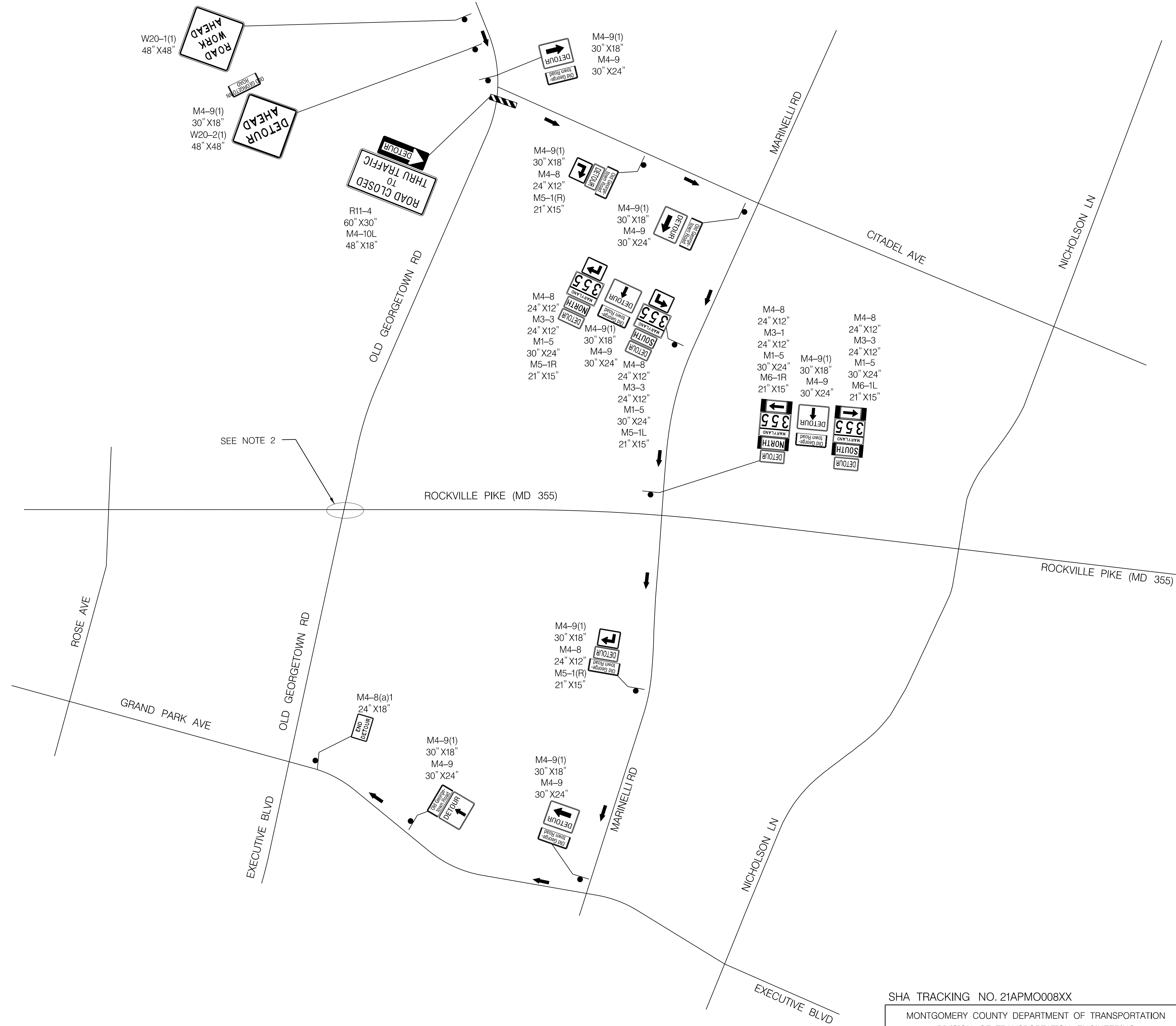
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 65 of 157

MT - 30



NOTES:  
 1. DETOURS TO FOLLOW STANDARD MD 104.06-05  
 2. REFER TO SHEET MT-28 FOR SIGNAGE AT WORK ZONE



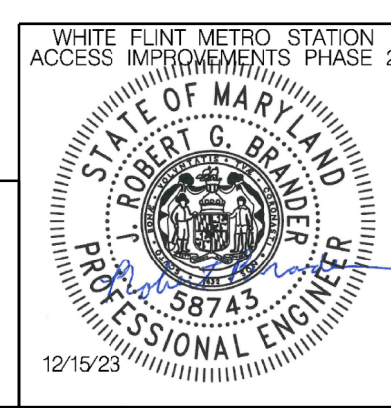
12/15/2023  
 U:\2026\13204\700\_CADD\701\_Sheet\Phase 2\pMT-PI15.dgn

**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 952-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

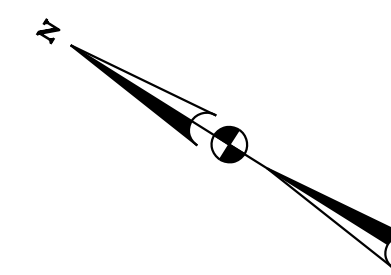
MT - 31

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1E DETOUR

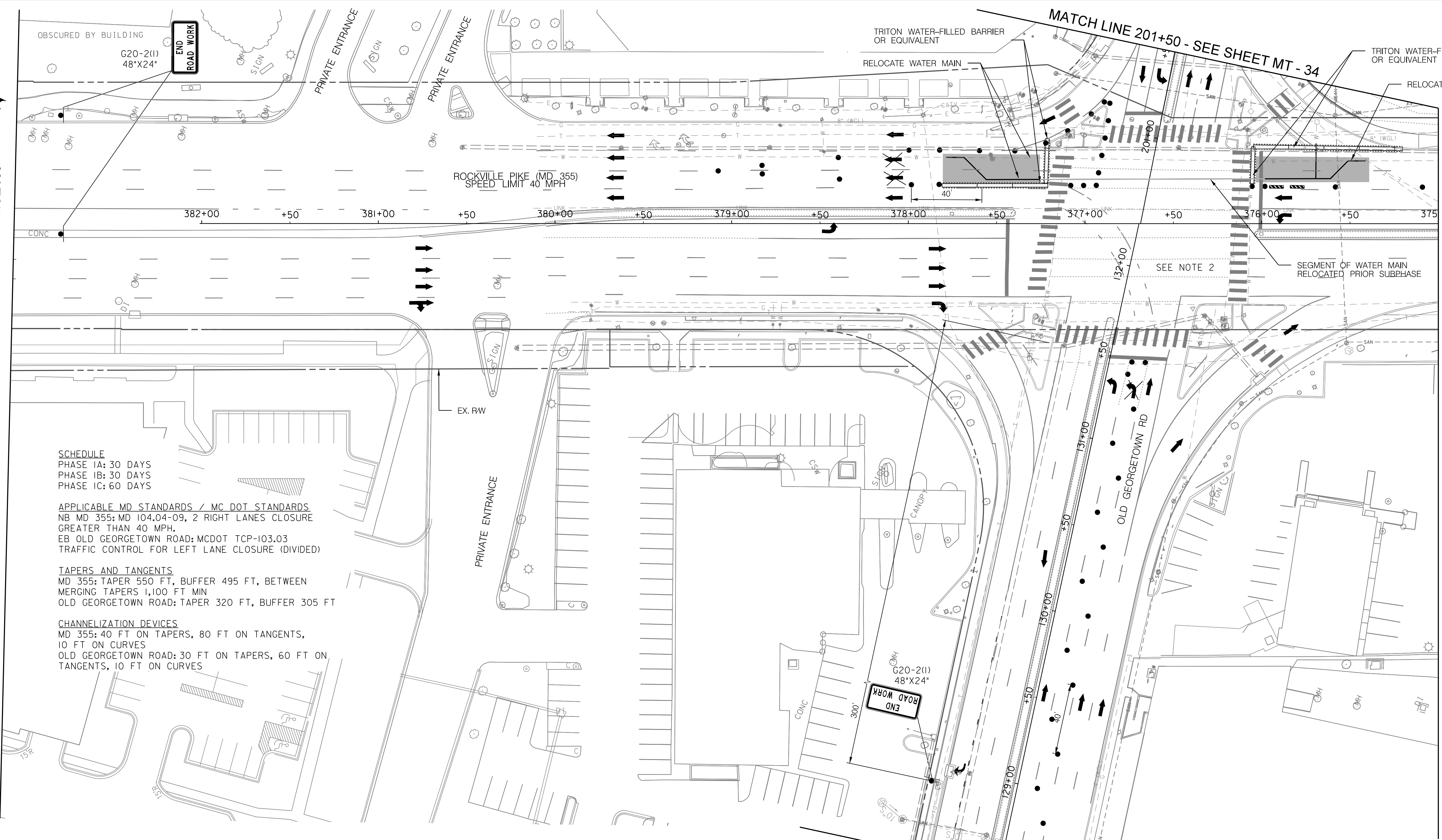
SCALE : NTS DATE : DECEMBER 2023

Project No. : 502106 SHEET 66 of 157



MATCH LINE - SEE SHEET MT - 18

MATCH LINE 375+00 - SEE SHEET MT - 20



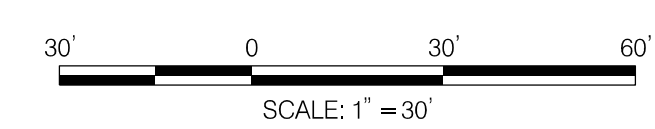
**SCHEDULE**  
 PHASE 1A: 30 DAYS  
 PHASE 1B: 30 DAYS  
 PHASE 1C: 60 DAYS

**APPLICABLE MD STANDARDS / MC DOT STANDARDS**  
 NB MD 355: MD 104.04-09, 2 RIGHT LANES CLOSURE GREATER THAN 40 MPH.  
 EB OLD GEORGETOWN ROAD: MCDOT TCP-103.03 TRAFFIC CONTROL FOR LEFT LANE CLOSURE (DIVIDED)

**TAPERS AND TANGENTS**  
 MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN MERGING TAPERS 1,100 FT MIN  
 OLD GEORGETOWN ROAD: TAPER 320 FT, BUFFER 305 FT

**CHANNELIZATION DEVICES**  
 MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS, 10 FT ON CURVES  
 OLD GEORGETOWN ROAD: 30 FT ON TAPERS, 60 FT ON TANGENTS, 10 FT ON CURVES

**NOTES:**  
 1. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.  
 2. CONTRACTOR TO COVER THE R3-6 SIGN ON MAST ARM FOR EB APPROACH DURING CONSTRUCTION

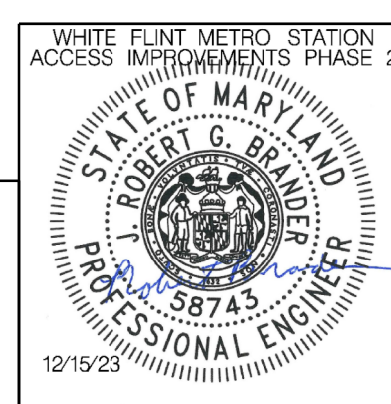


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by : RB Drawn by : JM Checked by : RJM

MT - 32

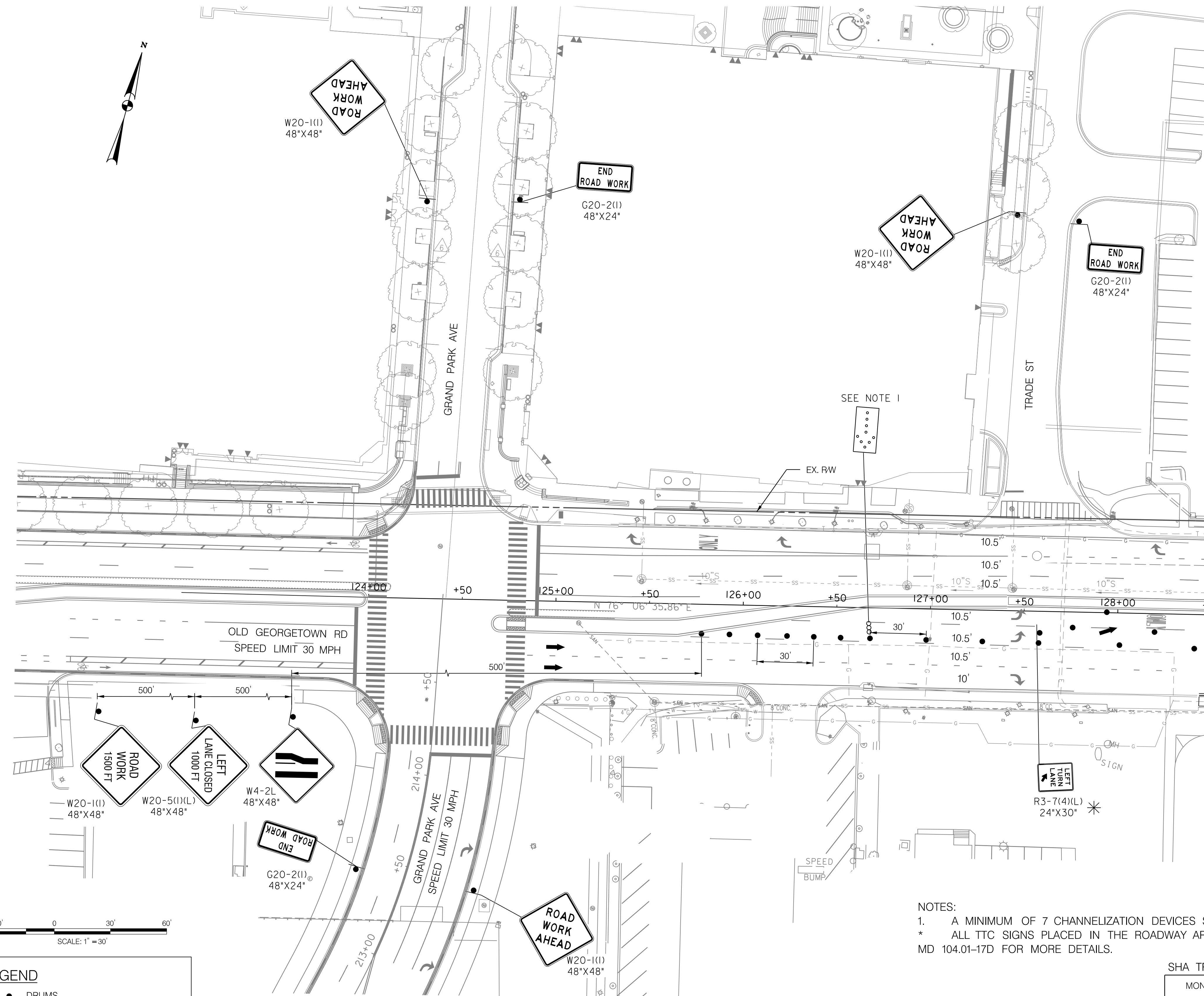
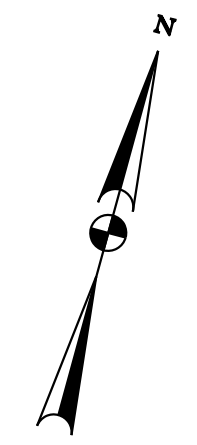
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1F

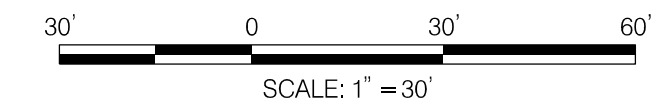
SCALE : 1" = 30' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 67 of 157

12/15/2023 U:\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P116.dgn

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-PI17.dgn



MATCH LINE 128+50 - SEE SHEET MT -32



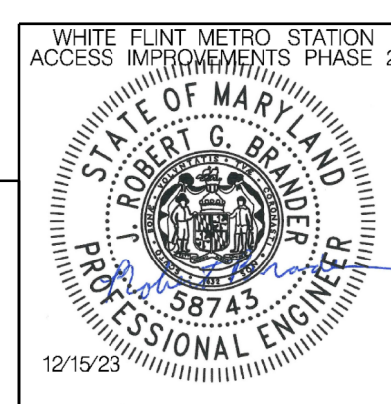
**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 33

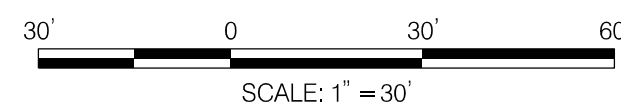
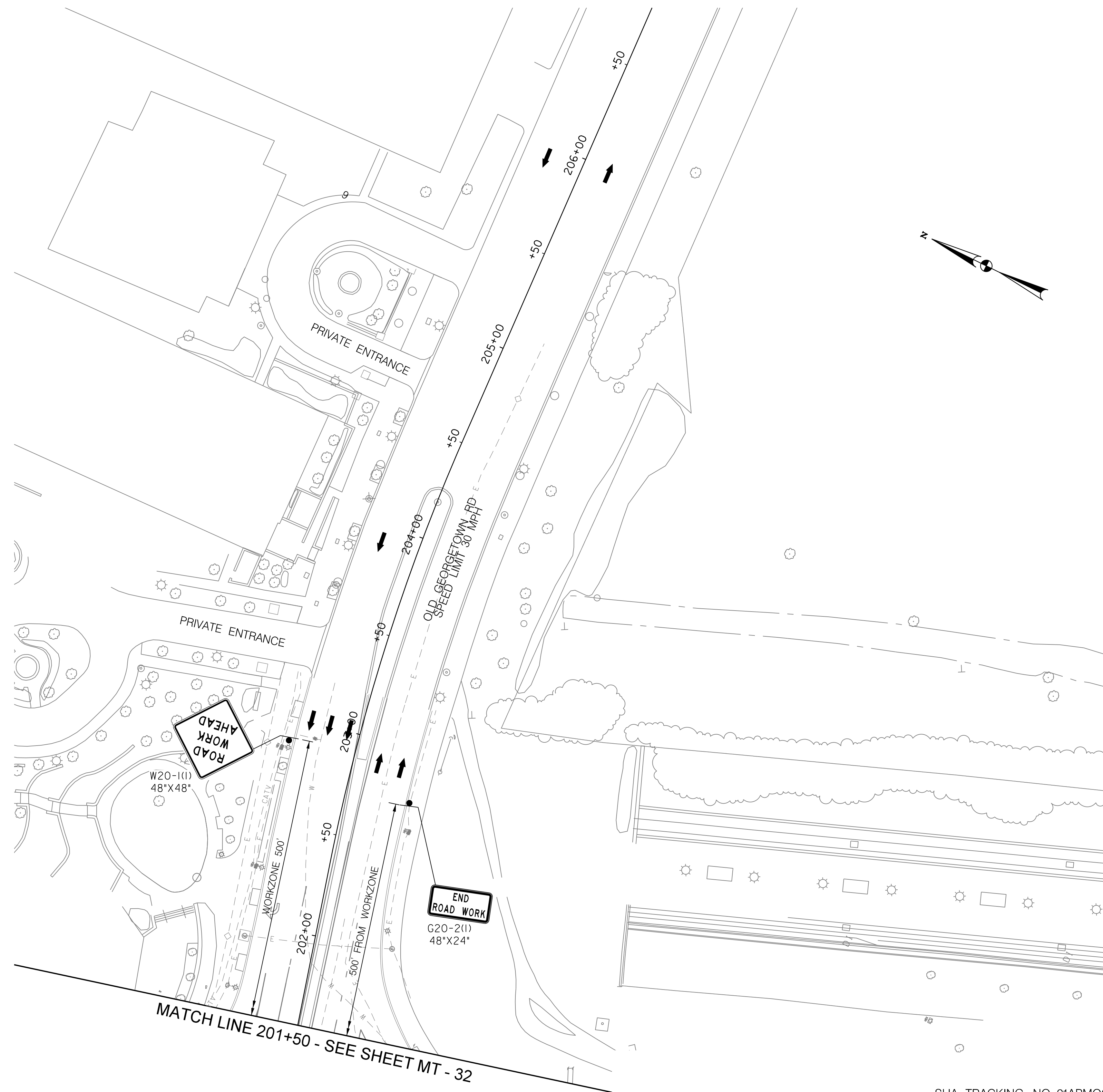
**WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2**

**MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1F**

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 68 of 157

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-PI18.dgn

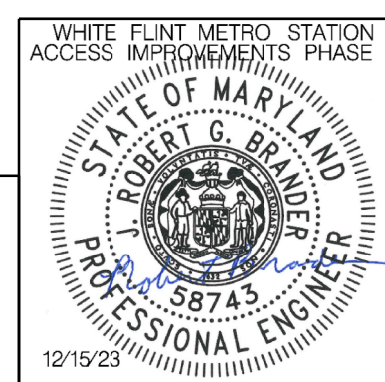


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 34

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 1F

SCALE : 1" = 30' DATE : DECEMBER 2023

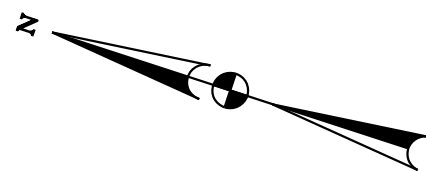
Project No. : 502106 SHEET 71 of 157

SCHEDULE  
 PHASE 2: 20 DAYS

APPLICABLE MD STANDARDS / MC DOT STANDARDS  
 SB MD 355: MD 104.04-09, 2 RIGHT LANE CLOSURE DIVIDED GREATER THAN 40 MPH.  
 WB OLD GEORGETOWN ROAD: MCDOT TCP-103.03 TRAFFIC CONTROL FOR LEFT LANE CLOSURE (DIVIDED)

TAPERS AND TANGENTS  
 MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN MERGING TAPERS 1,100 FT MIN  
 OLD GEORGETOWN ROAD: TAPER 320 FT, BUFFER 305 FT

CHANNELIZATION DEVICES  
 MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS, 10 FT ON CURVES  
 OLD GEORGETOWN ROAD: 30 FT ON TAPERS, 60 FT ON TANGENTS, 10 FT ON CURVES



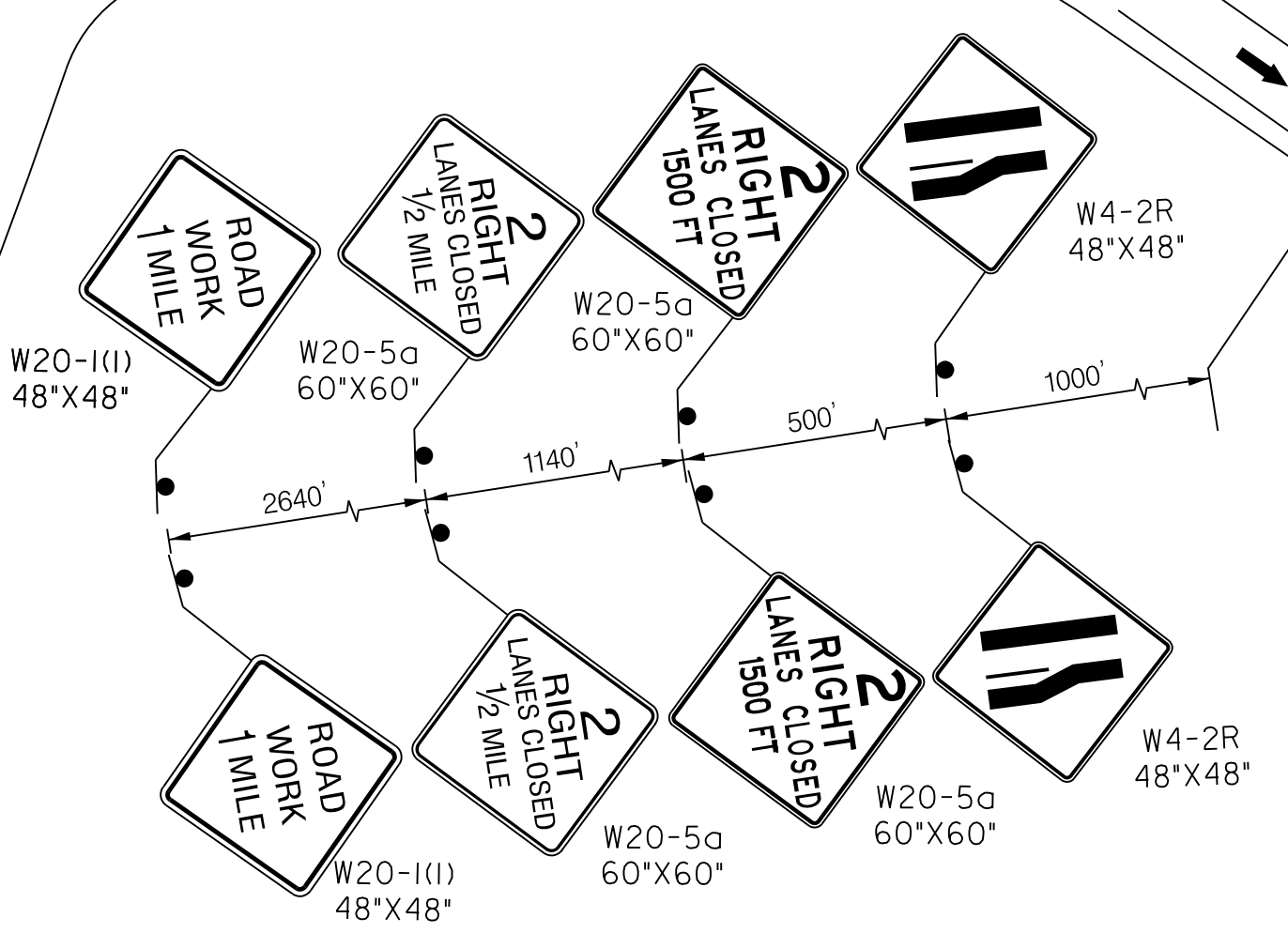
ROCKVILLE PIKE (MD 355)  
 SPEED LIMIT 40 MPH

EX. RW

BUFFER = 1050FT

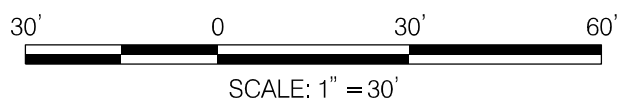
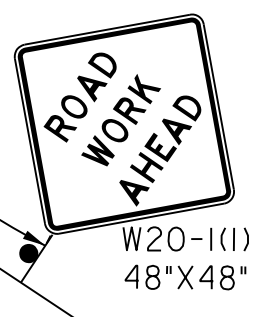
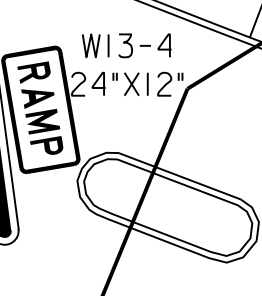
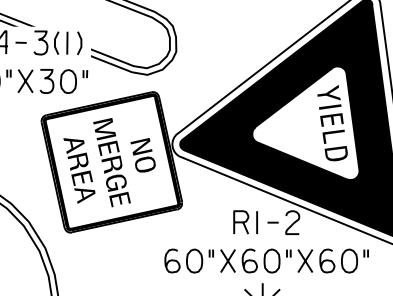
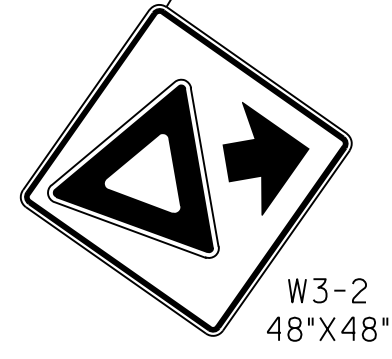
TAPER = 550'

MATCH LINE - SEE SHEET MT - 36



SEE NOTE 1

TOWNE RD

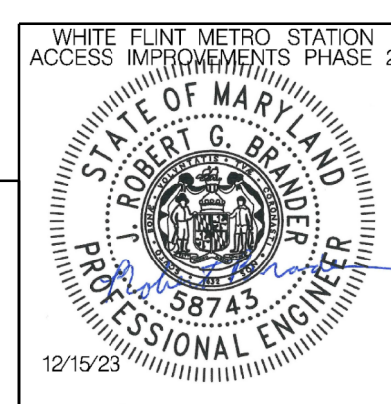


NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

LEGEND	
	DRUMS
	TEMPORARY SIGN AND SUPPORT
	DIRECTION OF TRAFFIC
	WORK SITE
	ARROW PANEL
	TYPE III BARRICADE
	TRUCK MOUNTED ATTENUATOR

6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 35

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

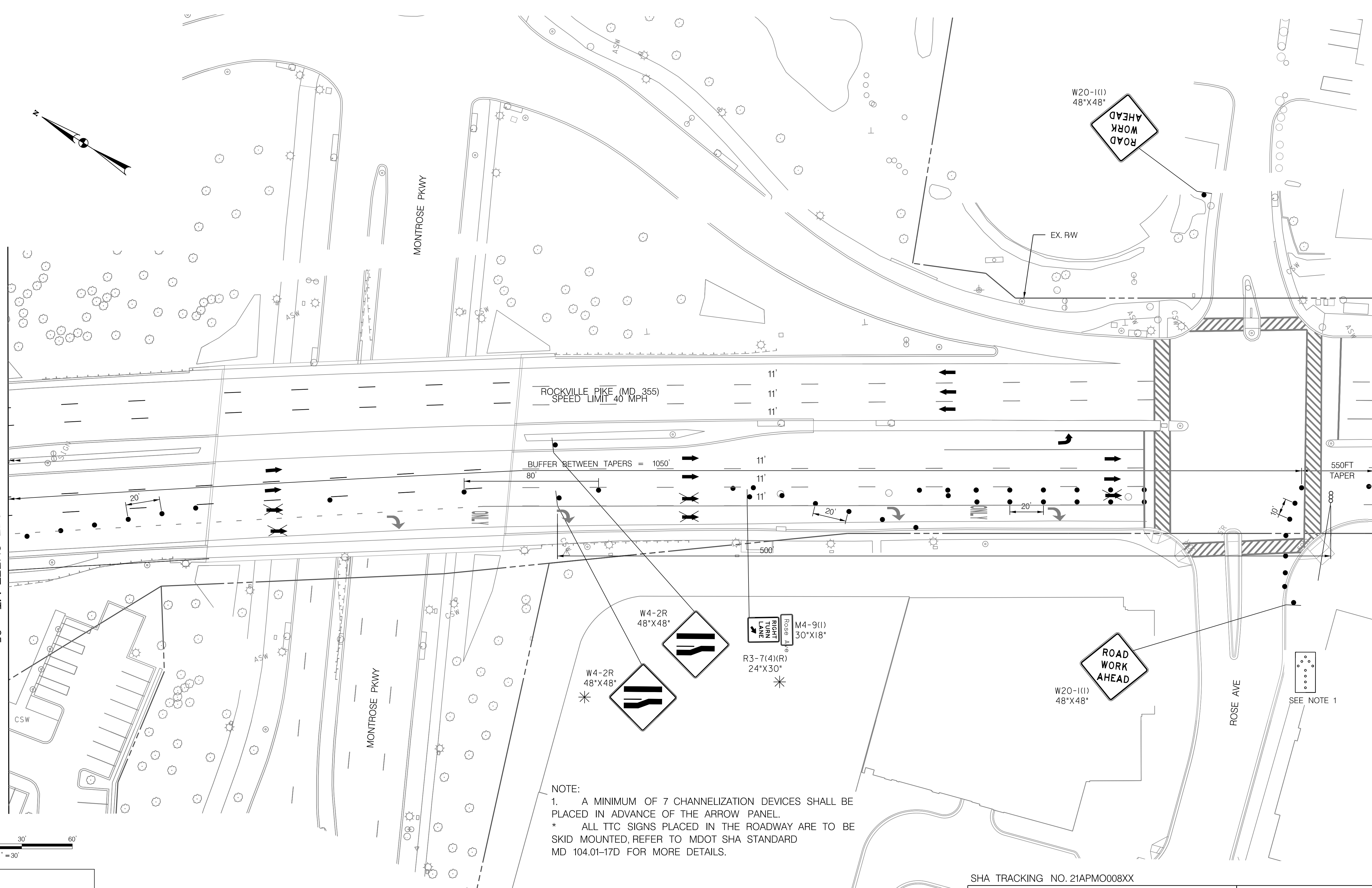
MAINTENANCE OF TRAFFIC PLAN  
 PHASE 2

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 70 of 157

12/15/2023 U:\2026\213204\700 CADD\701 Sheet\Phase 2\pMT-P201.dgn

12/15/2023  
 U:\2026\213204\700\_CADD\701\_Sheet\Phase 2\MT-P202.dgn



MATCH LINE - SEE SHEET MT - 35

MATCH LINE - SEE SHEET MT - 37

ROCKVILLE PIKE (MD 355)  
 SPEED LIMIT 40 MPH

BUFFER BETWEEN TAPERS = 1050'

550FT TAPER

W4-2R  
 48"X48"

W4-2R  
 48"X48"

M4-9(1)  
 30"X18"

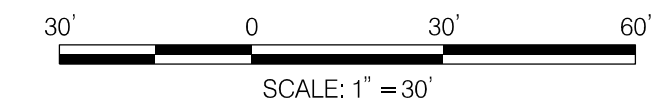
R3-7(4)(R)  
 24"X30"

W20-1(1)  
 48"X48"

ROAD WORK AHEAD

SEE NOTE 1

NOTE:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.



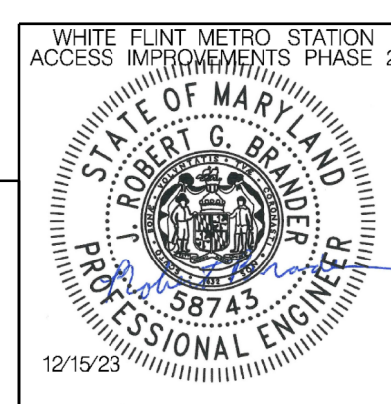
**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RB Drawn by: JM Checked by: RJM

MT - 36

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 2

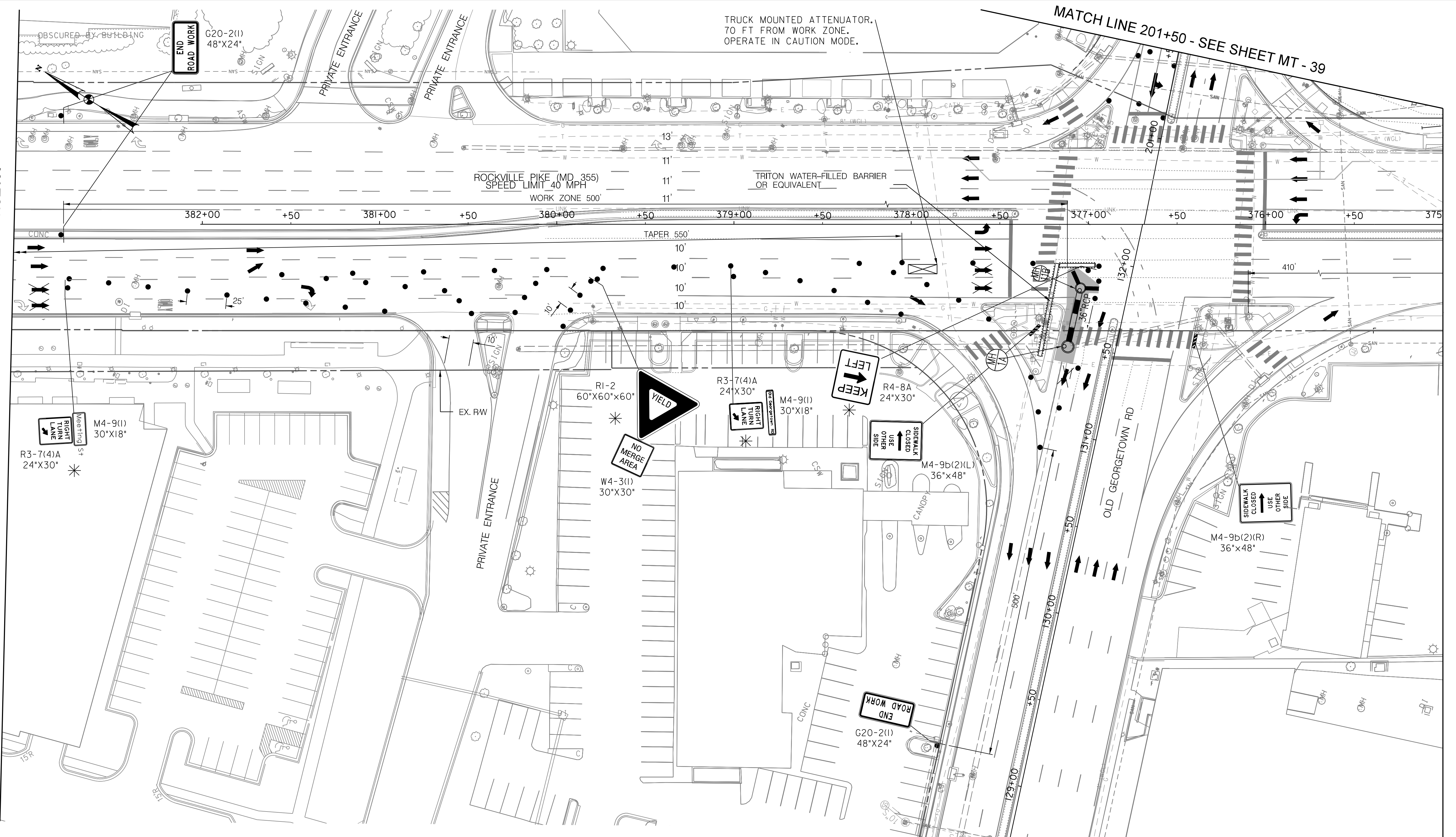
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 71 of 157

12/15/2023  
U:\2026\213204\700 CADD\701 Sheet\Phase 2\pMT-P203.dgn

MATCH LINE - SEE SHEET MT - 36

MATCH LINE 375+00 - SEE SHEET MT - 38



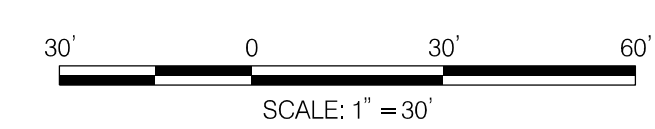
TRUCK MOUNTED ATTENUATOR.  
70 FT FROM WORK ZONE.  
OPERATE IN CAUTION MODE.

MATCH LINE 201+50 - SEE SHEET MT - 39

ROCKVILLE PIKE (MD 355)  
SPEED LIMIT 40 MPH  
WORK ZONE 50'

TRITON WATER-FILLED BARRIER  
OR EQUIVALENT

NOTES:  
 1. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

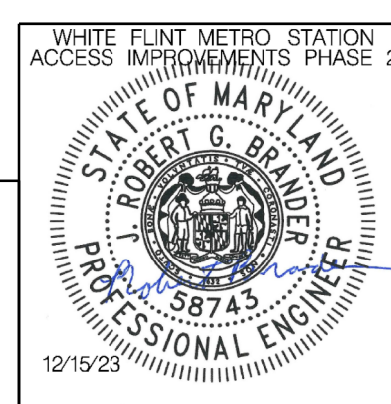


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ▭ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 Date

APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering  
 Date

Designed by: RB Drawn by: JM Checked by: RJM

MT - 37

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 2

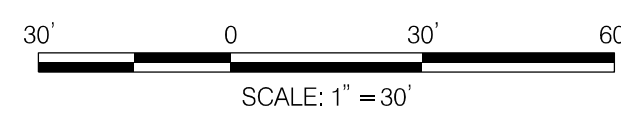
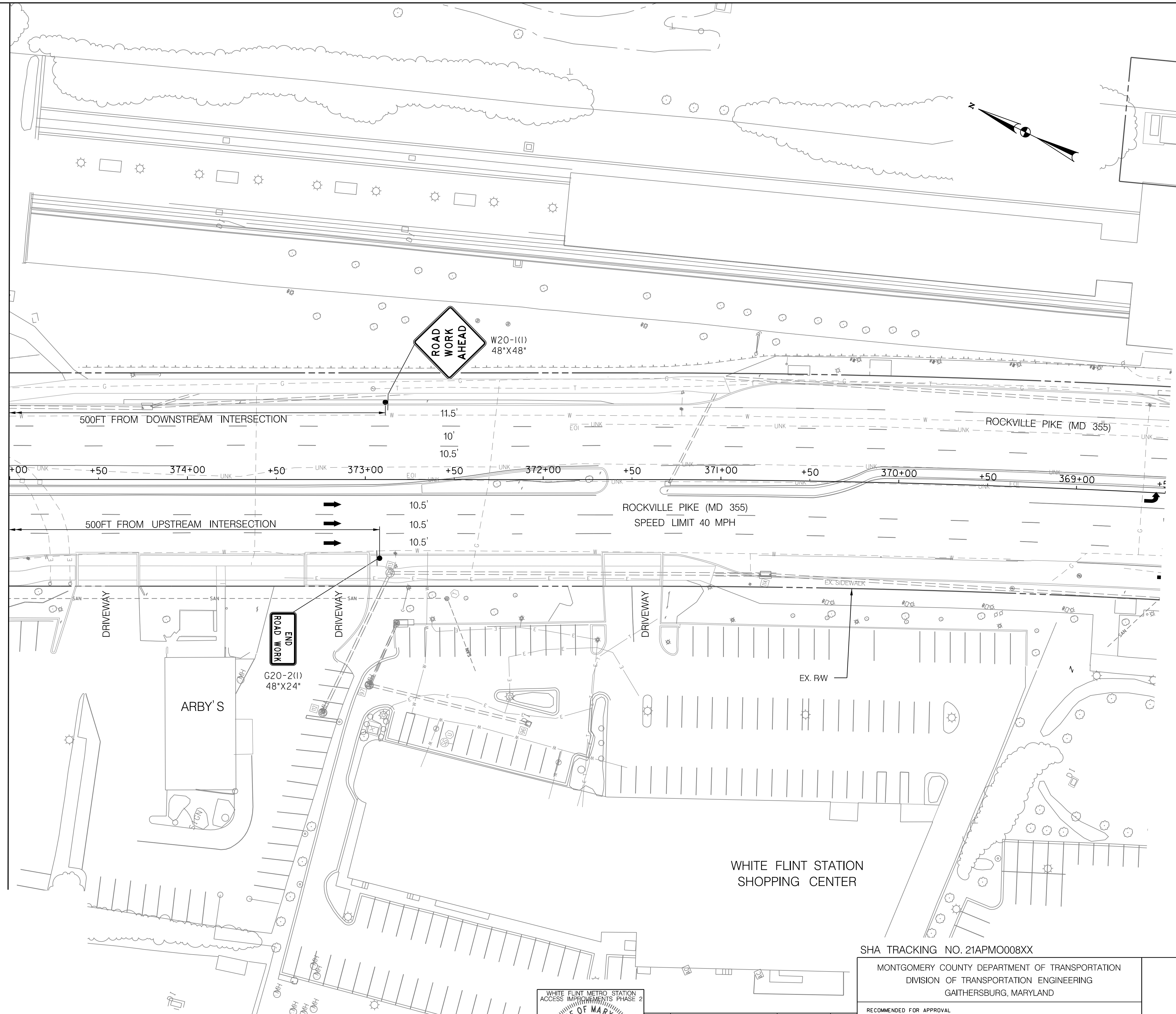
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 72 of 157



12/15/2023  
U:\2026\213204\700 CAD\701 Sheet\Phase 2\pMT-P204.dgn

MATCH LINE 375+00 - SEE SHEET MT - 37

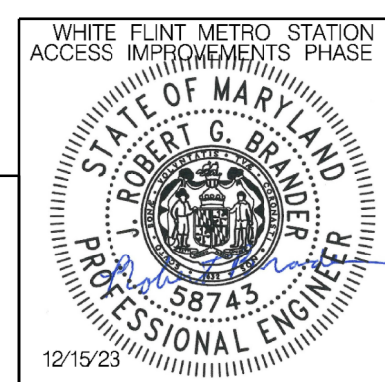


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 38

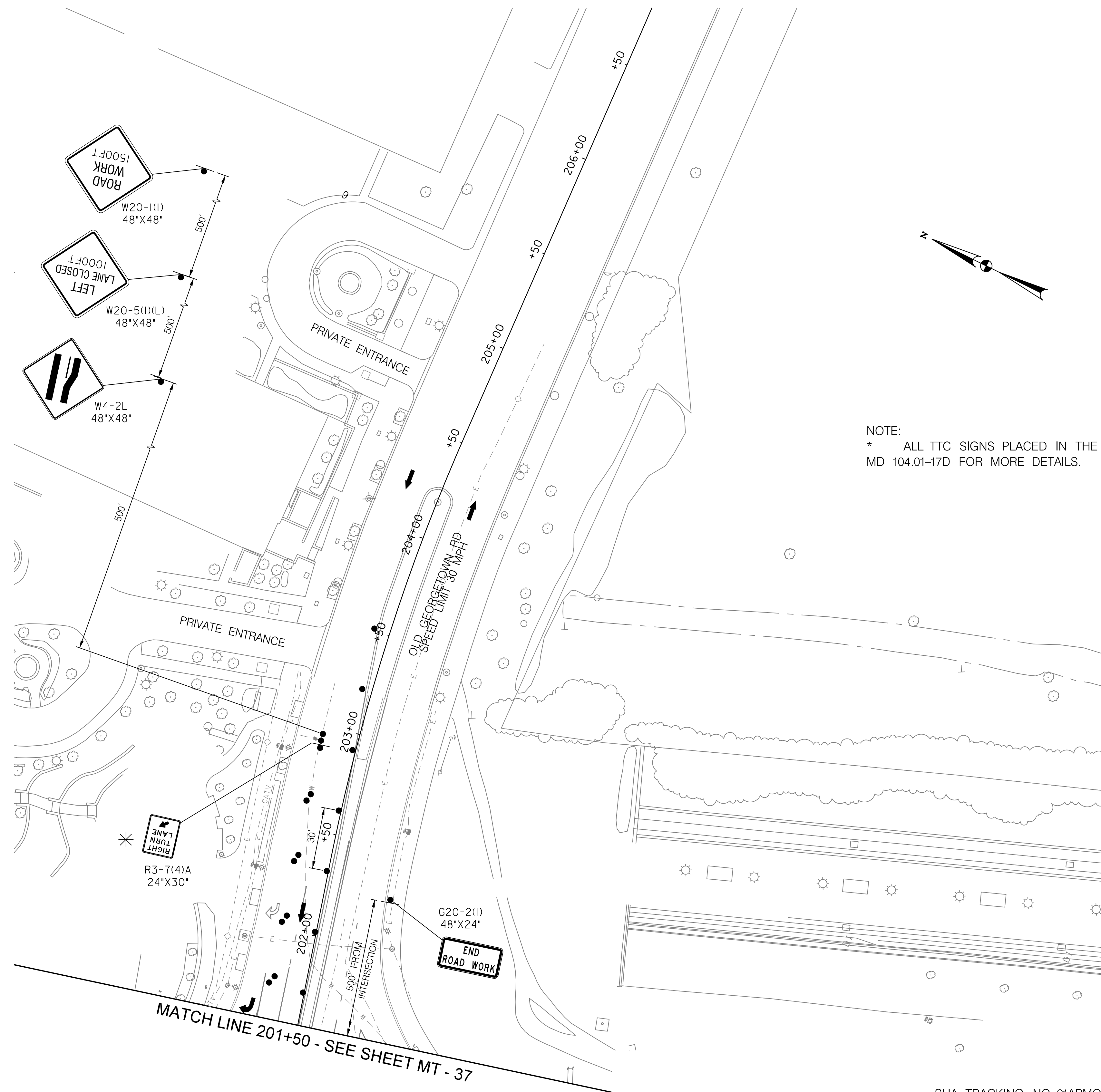
WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
PHASE 2

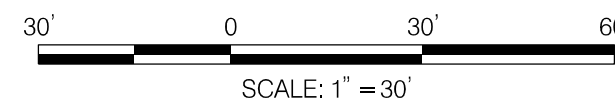
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 73 of 157

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P205.dgn



NOTE:  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.



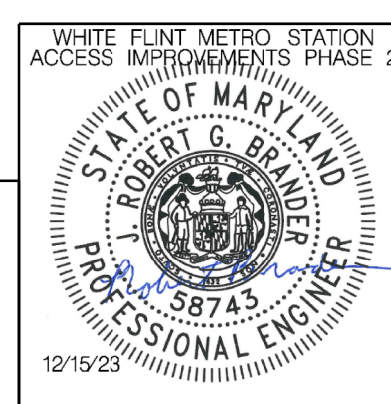
MATCH LINE 201+50 - SEE SHEET MT - 37

**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 39

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 2

SCALE : 1" = 30' DATE : DECEMBER 2023

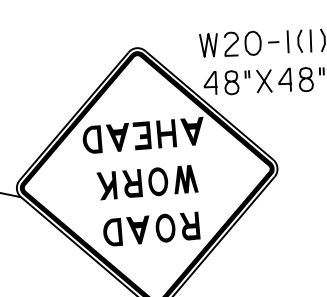
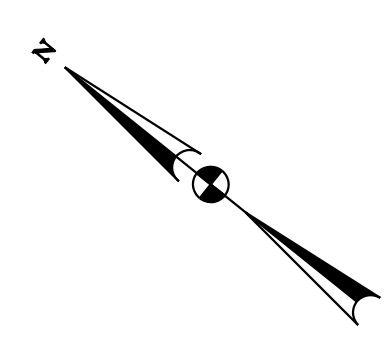
Project No. : 502106 SHEET 74 of 157

SCHEDULE  
PHASE 3: 20 DAYS

APPLICABLE MD STANDARDS / MC DOT STANDARDS  
SB MD 355: MD 104.04-05, RIGHT LANE CLOSURE DIVIDED GREATER THAN 40 MPH.  
WB OLD GEORGETOWN ROAD: MCDOT TCP-103.01 TRAFFIC CONTROL FOR RIGHT LANE CLOSURE (DIVIDED).  
EB OLD GEORGETOWN ROAD: MCDOT TCP-103.03 TRAFFIC CONTROL FOR LEFT LANE CLOSURE (DIVIDED).

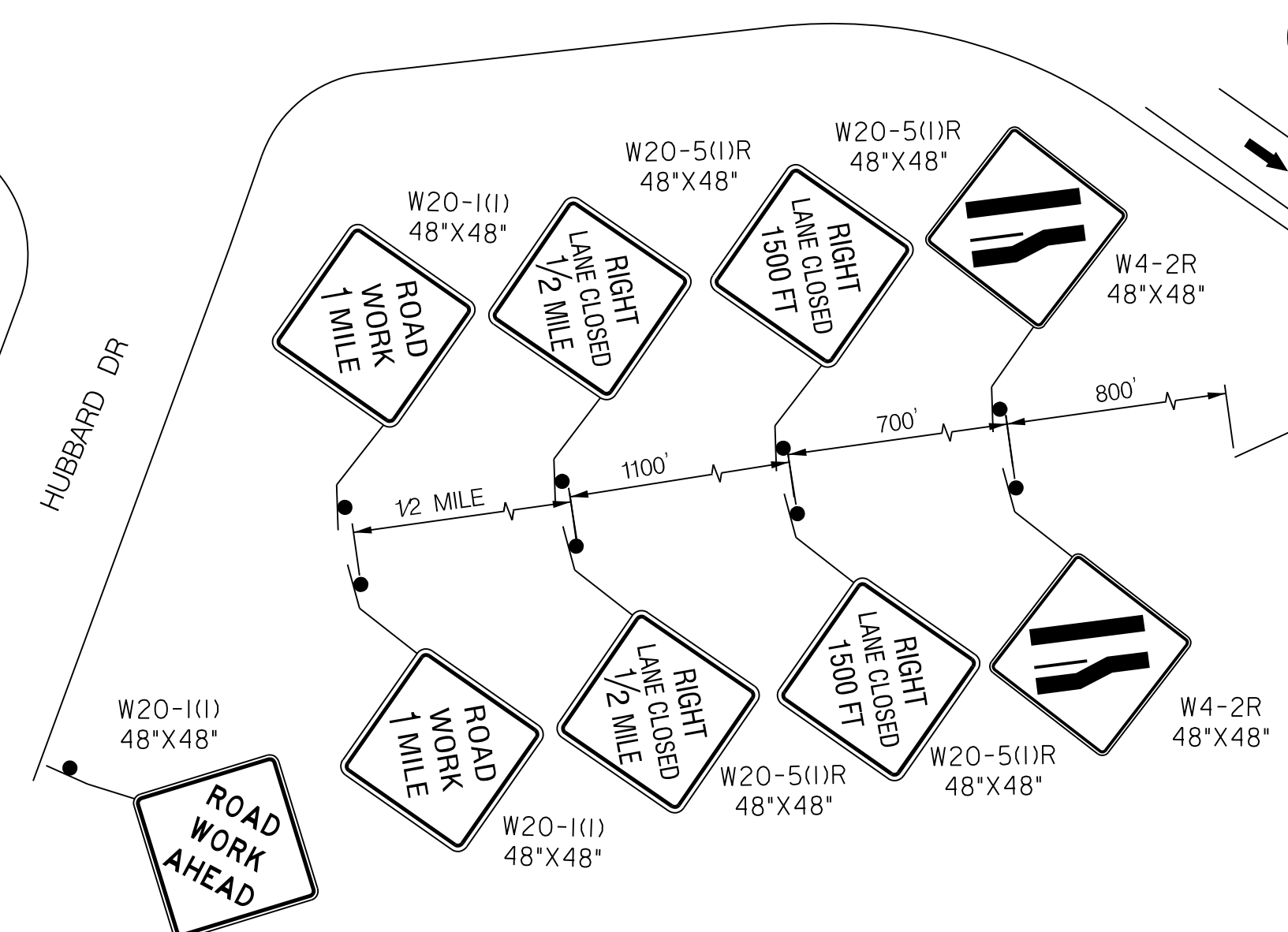
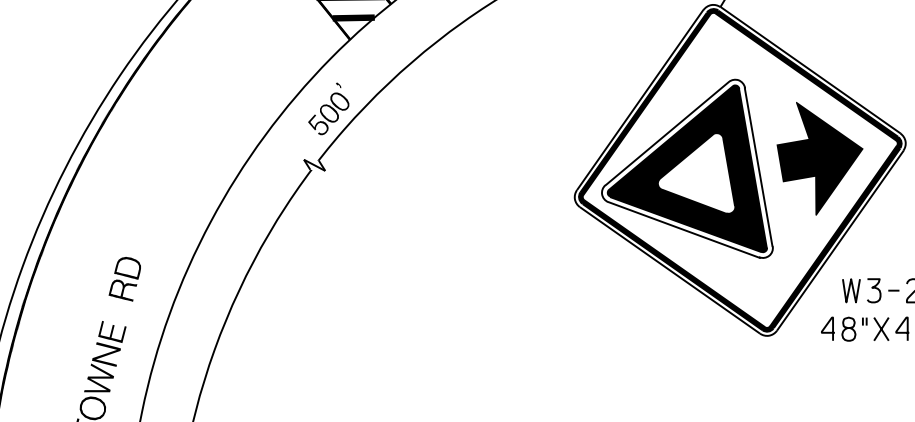
TAPERS AND TANGENTS  
MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN MERGING TAPERS 1,100 FT MIN  
OLD GEORGETOWN ROAD: TAPER 320 FT, BUFFER 305 FT

CHANNELIZATION DEVICES  
MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS, 10 FT ON CURVES  
OLD GEORGETOWN ROAD: 30 FT ON TAPERS, 60 FT ON TANGENTS, 10 FT ON CURVES

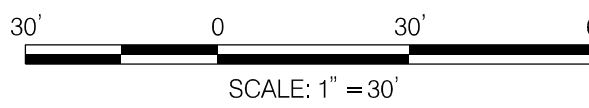


ROCKVILLE PIKE (MD 355)  
SPEED LIMIT 40 MPH

SHOULDER TAPER 120'  
TAPER = 550'



SEE NOTE 1



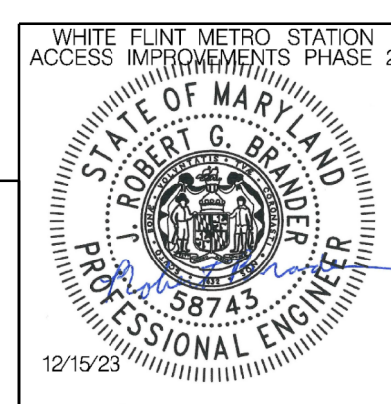
NOTES:  
1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.

**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR

**Stantec**  
6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2900  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 40

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
PHASE 3

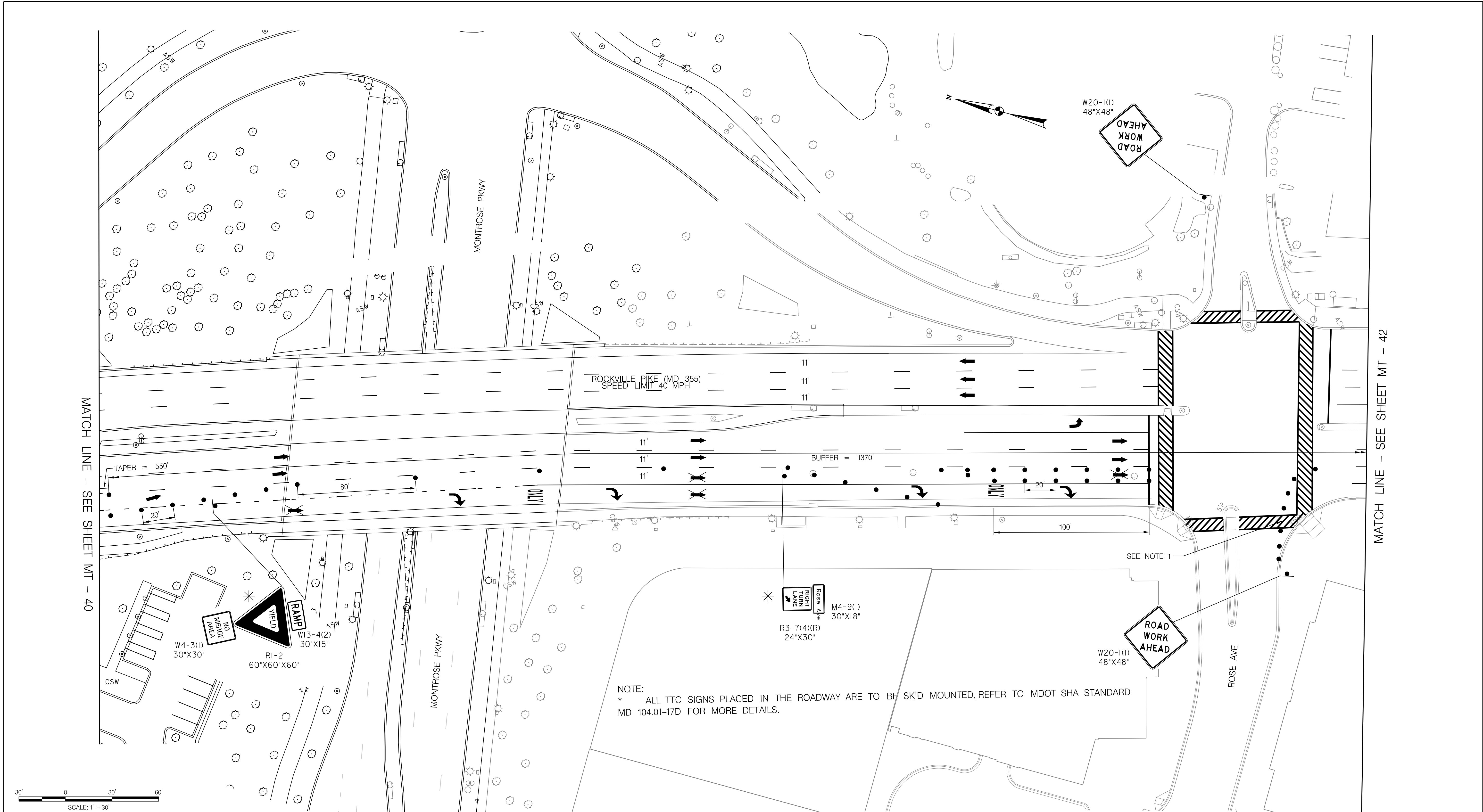
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 75 of 157

12/15/2023 UA\2026213204\700 CADD\701 Sheet\Phase 2\DMIT-P301.dgn

MATCH LINE - SEE SHEET MT - 41

12/15/2023 LA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P302.dgn



**LEGEND**

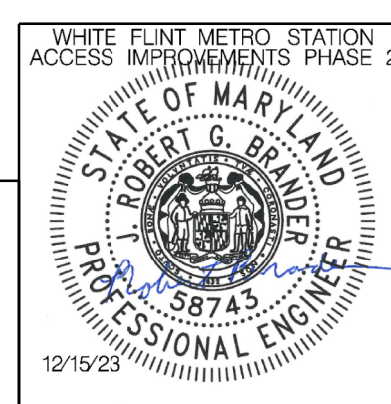
- DRUMS
- ⬆ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR



NOTE:  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 41

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 3

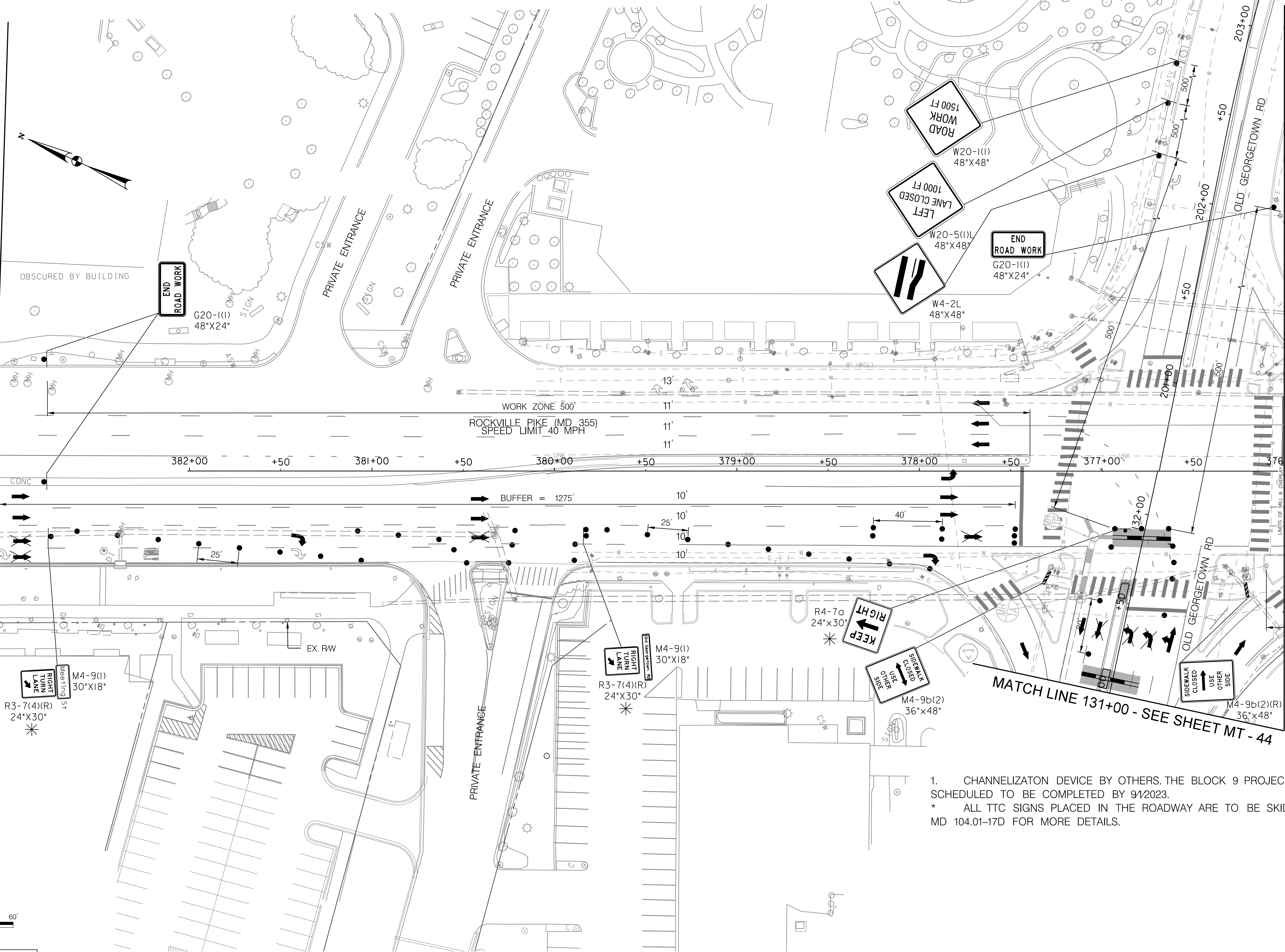
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 77 of 157

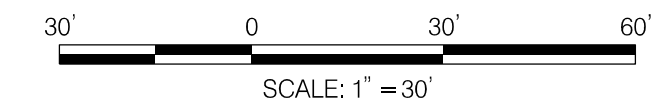
12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\MT-P303.dgn

MATCH LINE - SEE SHEET MT - 41

MATCH LINE 376+00 - SEE SHEET MT - 43



- CHANNELIZATION DEVICE BY OTHERS. THE BLOCK 9 PROJECT AT PIKE & ROSE IS TENTATIVELY SCHEDULED TO BE COMPLETED BY 9/1/2023.
- \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

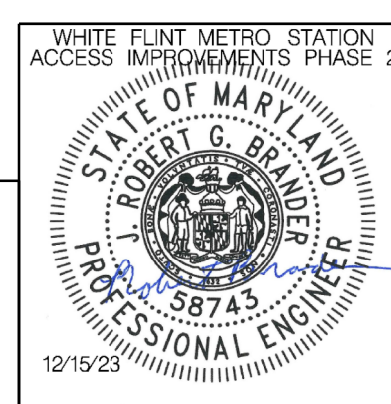


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by : RB Drawn by : JM Checked by : RJM

MT - 42

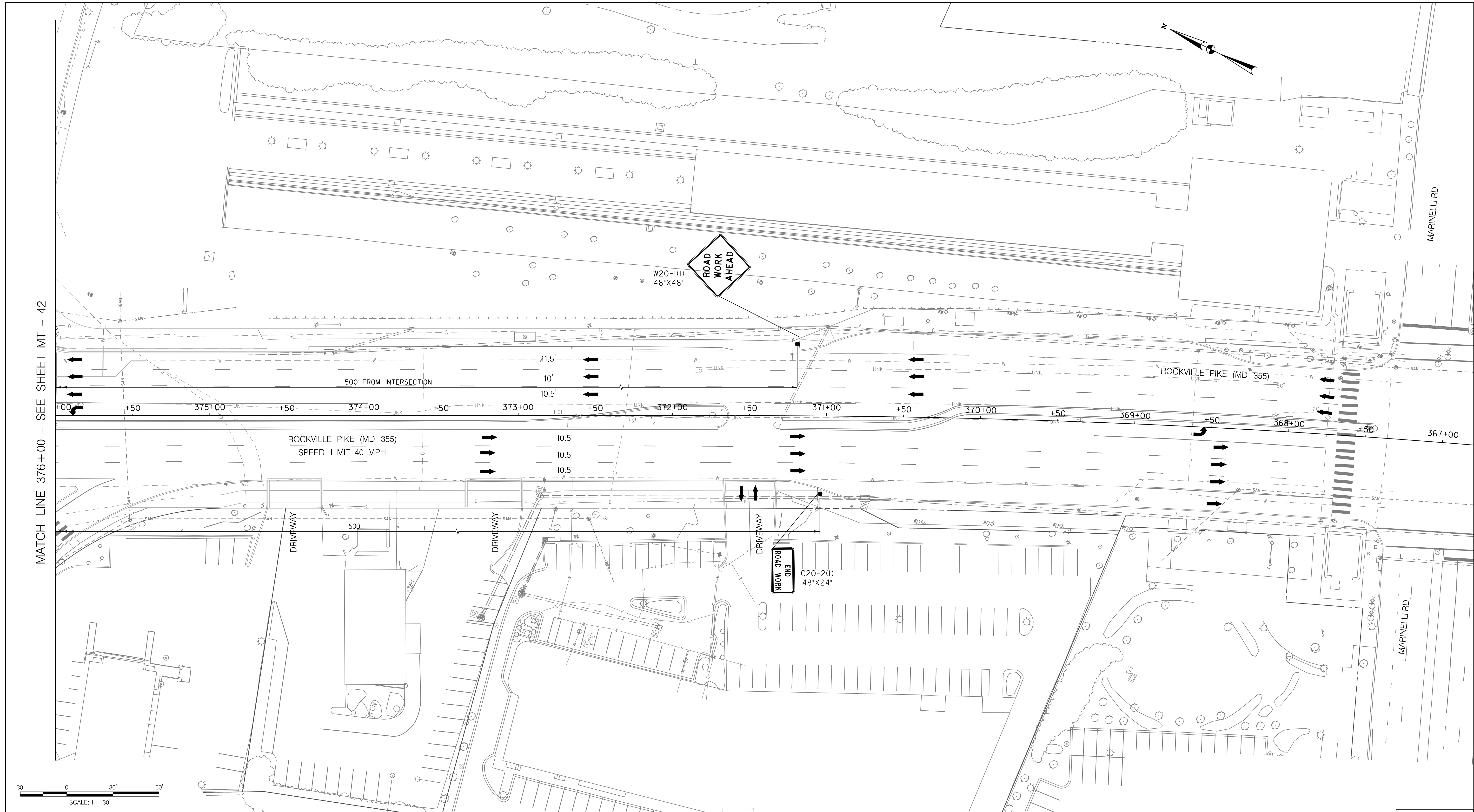
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 3

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 77 of 157

12/15/2023  
U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P304.dgn



MATCH LINE 376+00 - SEE SHEET MT - 42

MARINELLI RD

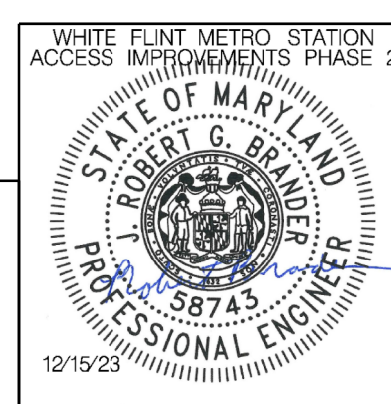
MARINELLI RD

**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2900  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
OF MARYLAND.  
LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RB Drawn by: JM Checked by: RJM

MT - 43

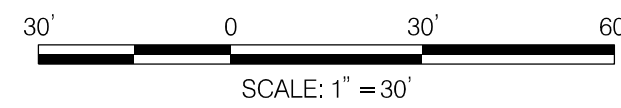
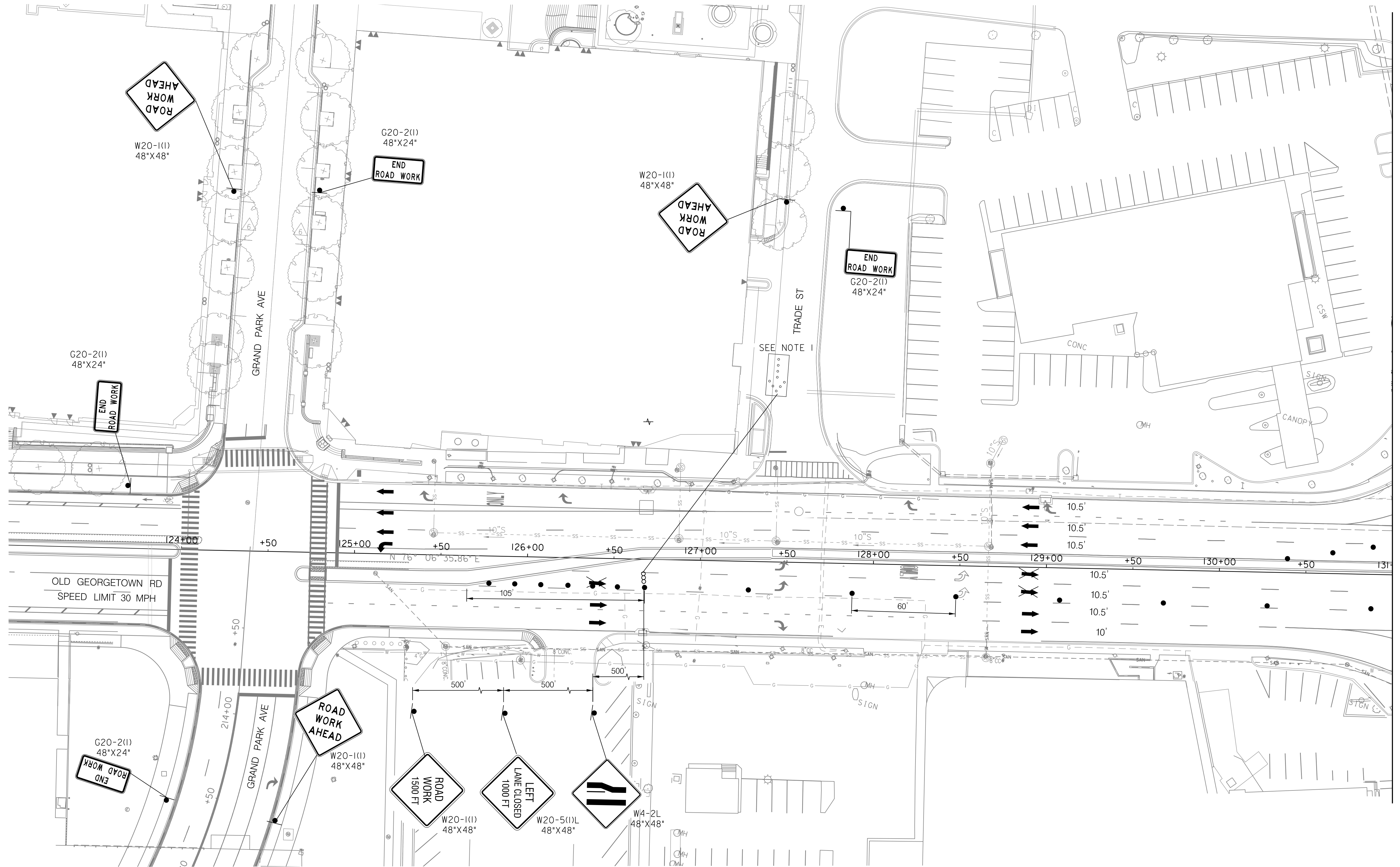
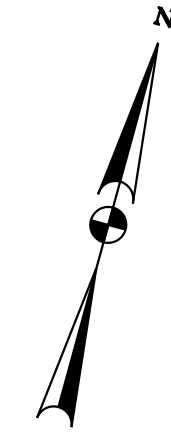
WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
PHASE 3

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 78 of 157

12/15/2023 LA\2026213204\700 CADD\701 Sheet\Phase 2\PMIT-P305.dgn



**LEGEND**

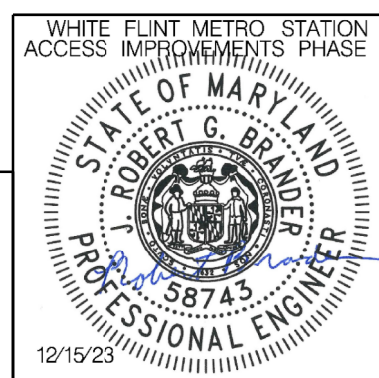
- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**NOTES:**

1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Design Section  
APPROVED  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Division of Transportation Engineering  
Designed by: RB Drawn by: JM Checked by: RJM

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
PHASE 3

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 79 of 157

MATCH LINE 131+00 - SEE SHEET MT - 42

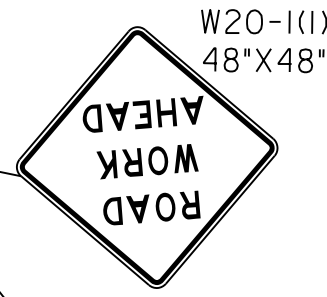
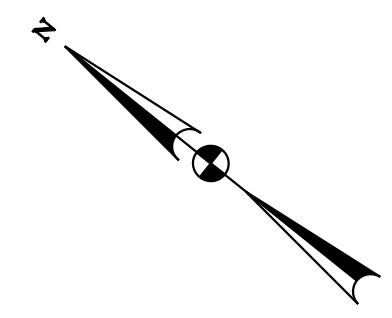
MT - 44

SCHEDULE  
 PHASE 4A: 10 DAYS

APPLICABLE MD STANDARDS / MC DOT STANDARDS  
 SB MD 355: MD 104.04-05, RIGHT LANE CLOSURE DIVIDED GREATER THAN 40 MPH.  
 EB OLD GEORGETOWN ROAD: MD 104.04-09, 2 RIGHT LANE CLOSURE DIVIDED GREATER THAN 40 MPH.

TAPERS AND TANGENTS  
 MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN MERGING TAPERS 1,100 FT MIN  
 OLD GEORGETOWN ROAD: TAPER 320 FT, BUFFER 305 FT

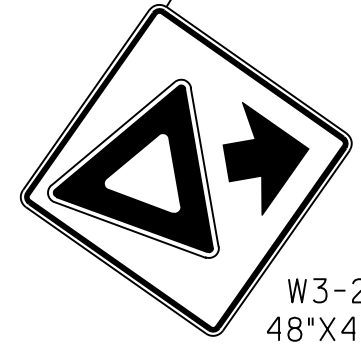
CHANNELIZATION DEVICES  
 MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS, 10 FT ON CURVES  
 OLD GEORGETOWN ROAD: 30 FT ON TAPERS, 60 FT ON TANGENTS, 10 FT ON CURVES



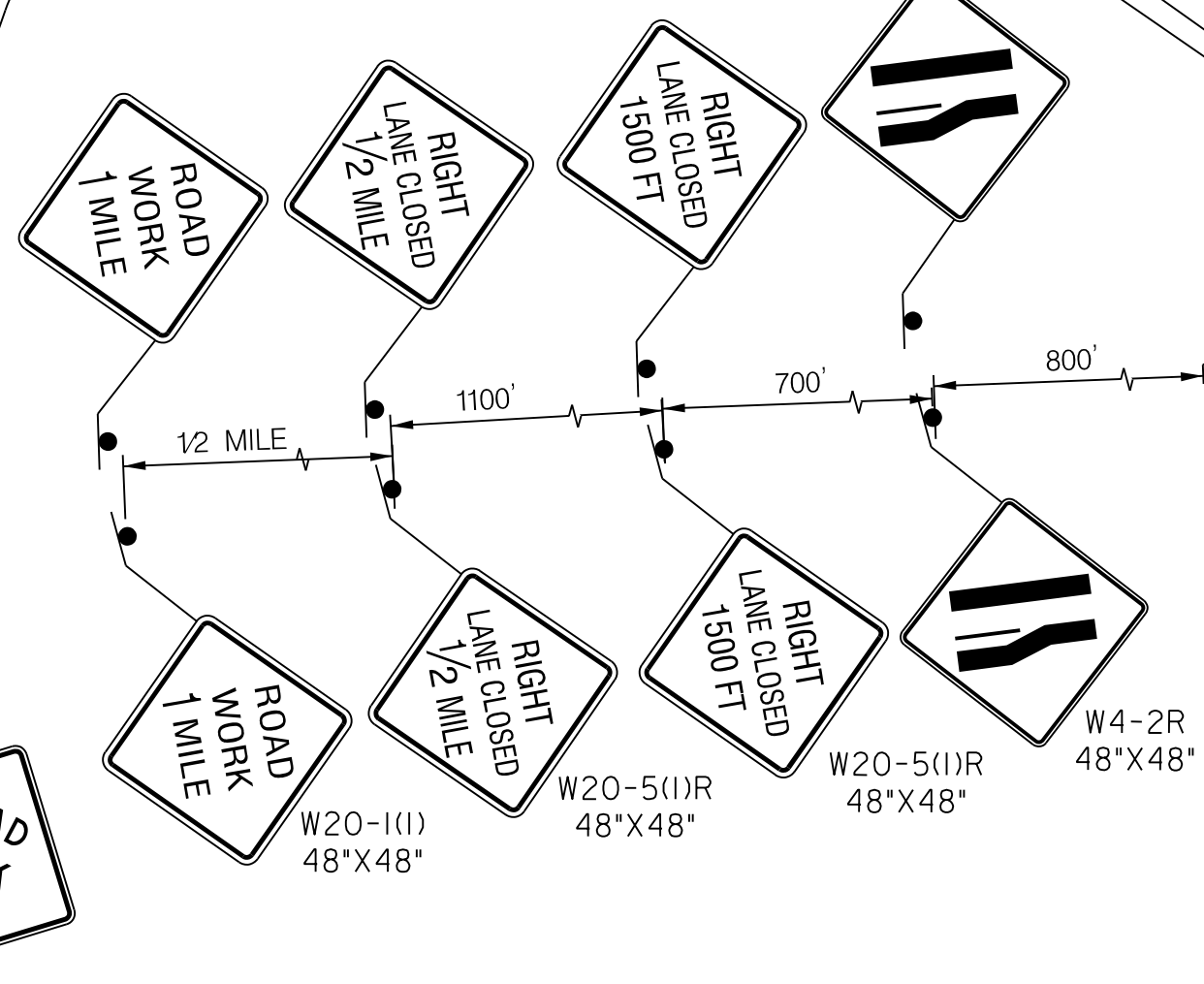
ROCKVILLE PIKE (MD 355)  
 SPEED LIMIT 40 MPH

SHOULDER TAPER 120'  
 TAPER = 550'

TOWNE RD

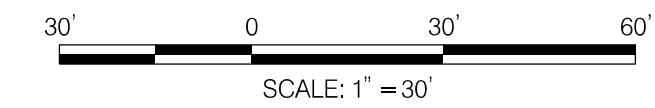


HUBBARD DR



SEE NOTE 1

NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.

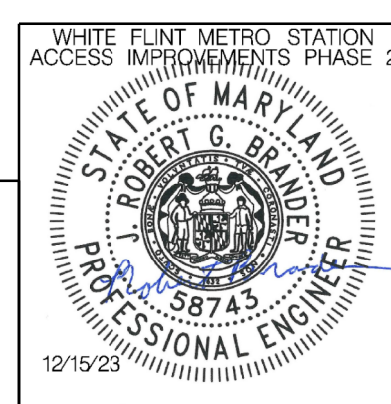


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering  
 Designed by: RB Drawn by: JM Checked by: RJM

MT - 45

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 4A

SCALE : 1" = 30' DATE : DECEMBER 2023

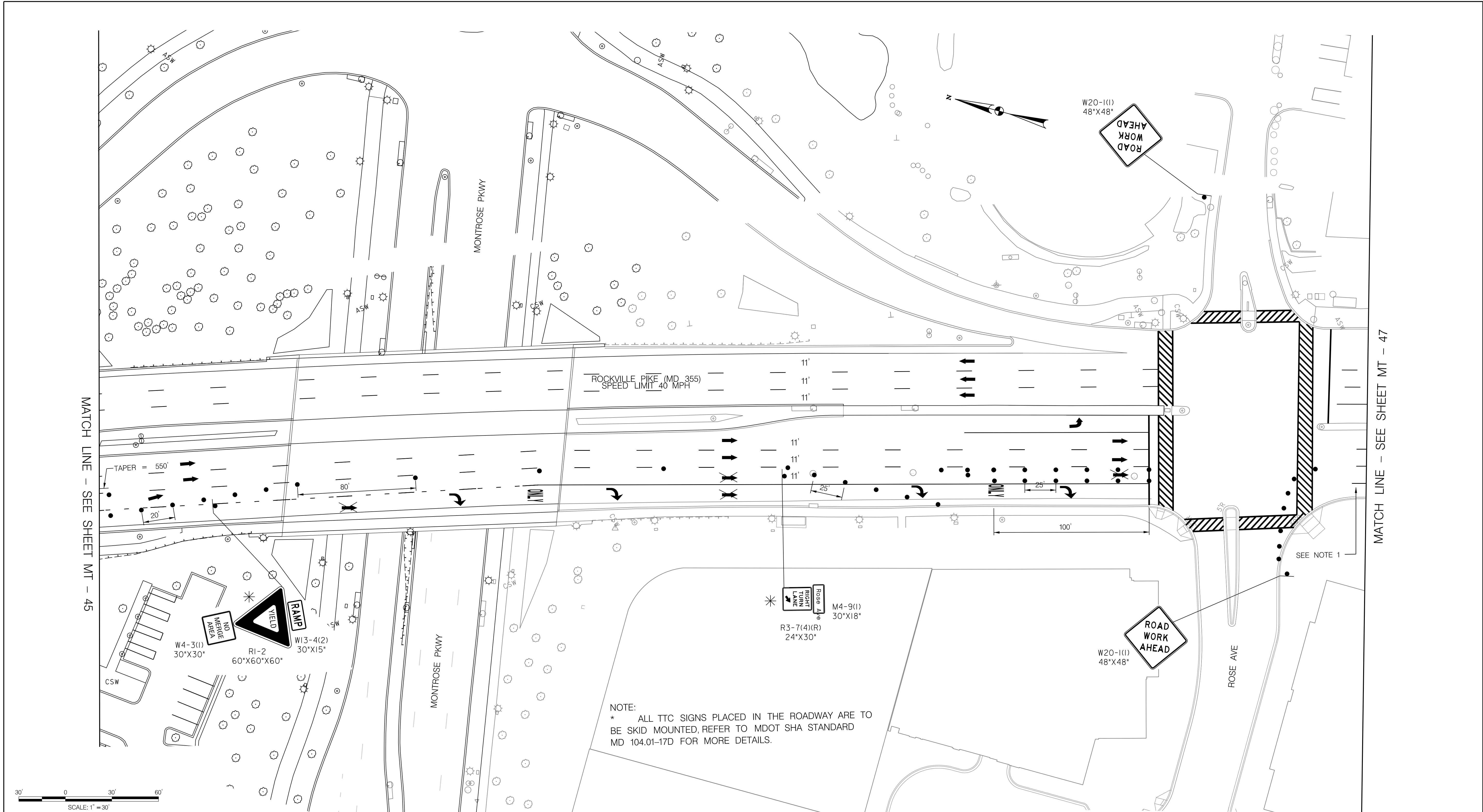
Project No. : 502106 SHEET 80 of 157

MATCH LINE - SEE SHEET MT - 46

12/15/2023 LA\2026213204\700 CADD\701 Sheet\Phase 2\DMIT-P401.dgn



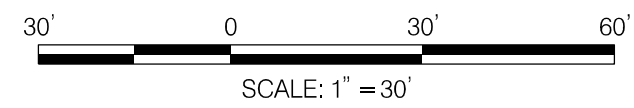
12/15/2023 LA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P402.dgn



MATCH LINE - SEE SHEET MT - 45

MATCH LINE - SEE SHEET MT - 47

NOTE:  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

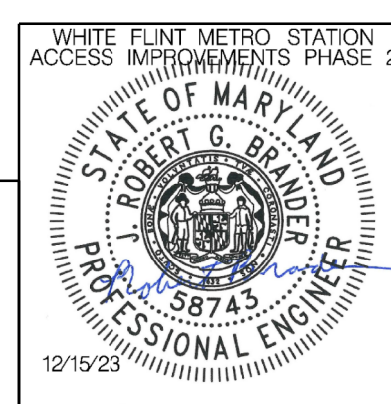


**LEGEND**

- DRUMS
- ⬆ TEMPORARY SIGN AND SUPPORT
- ➔ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 46

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 4A

SCALE : 1" = 30' DATE : DECEMBER 2023

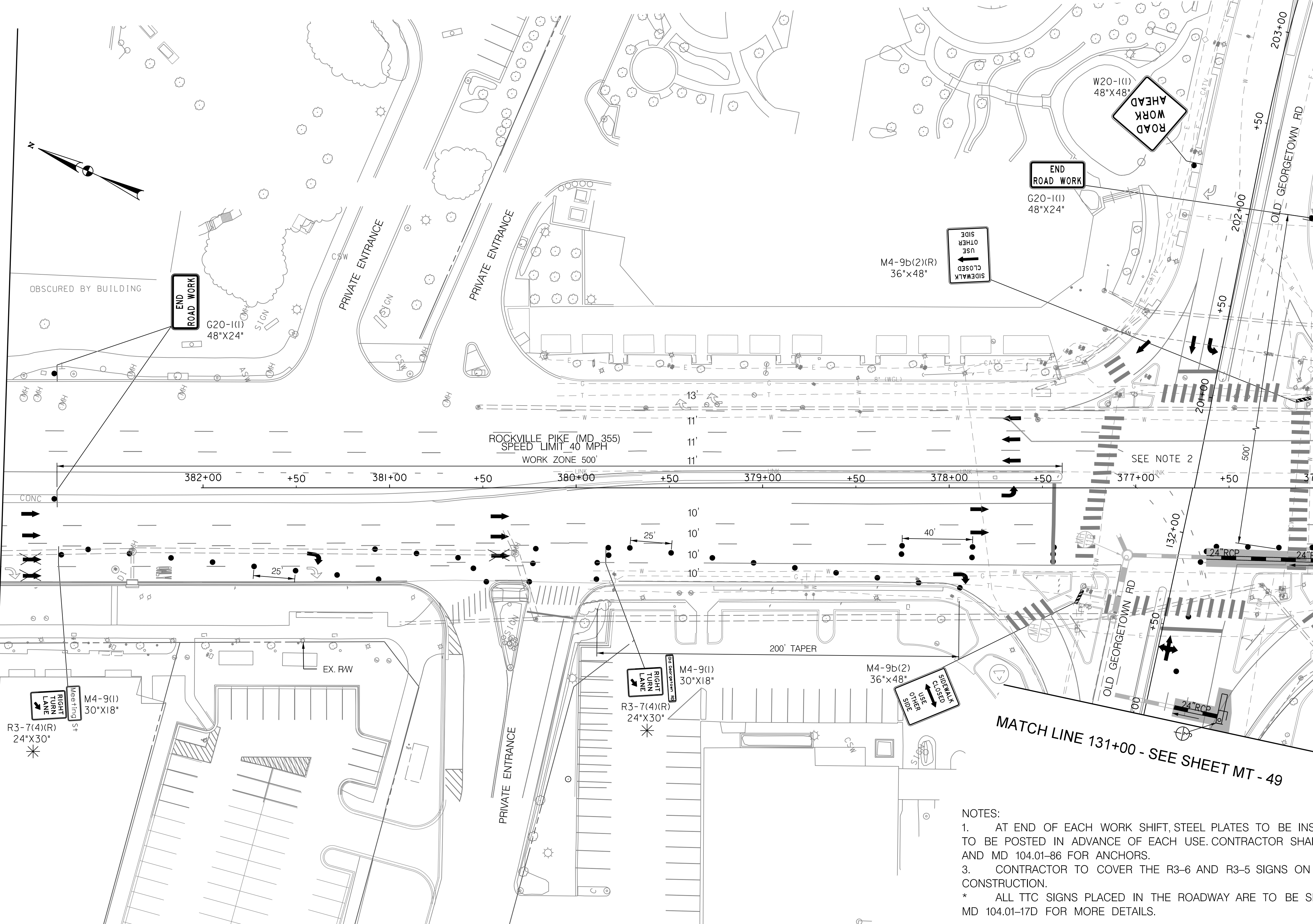
Project No. : 502106 SHEET 81 of 157

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\MT-P403.dgn

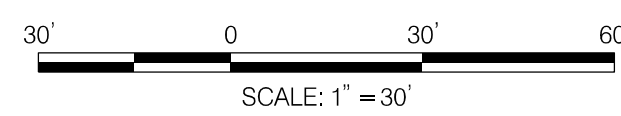
MATCH LINE - SEE SHEET MT - 46

MATCH LINE 376+00 - SEE SHEET MT - 48

MATCH LINE 131+00 - SEE SHEET MT - 49



- NOTES:
1. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.
  3. CONTRACTOR TO COVER THE R3-6 AND R3-5 SIGNS ON MAST ARM FOR EB APPROACH DURING CONSTRUCTION.
- \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

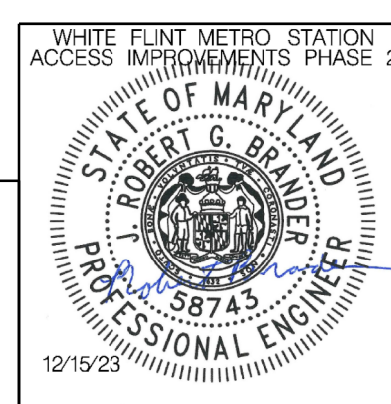


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 APPROVED \_\_\_\_\_ Date \_\_\_\_\_

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering  
 \_\_\_\_\_ Date \_\_\_\_\_

Designed by : RB Drawn by : JM Checked by : RJM

MT - 47

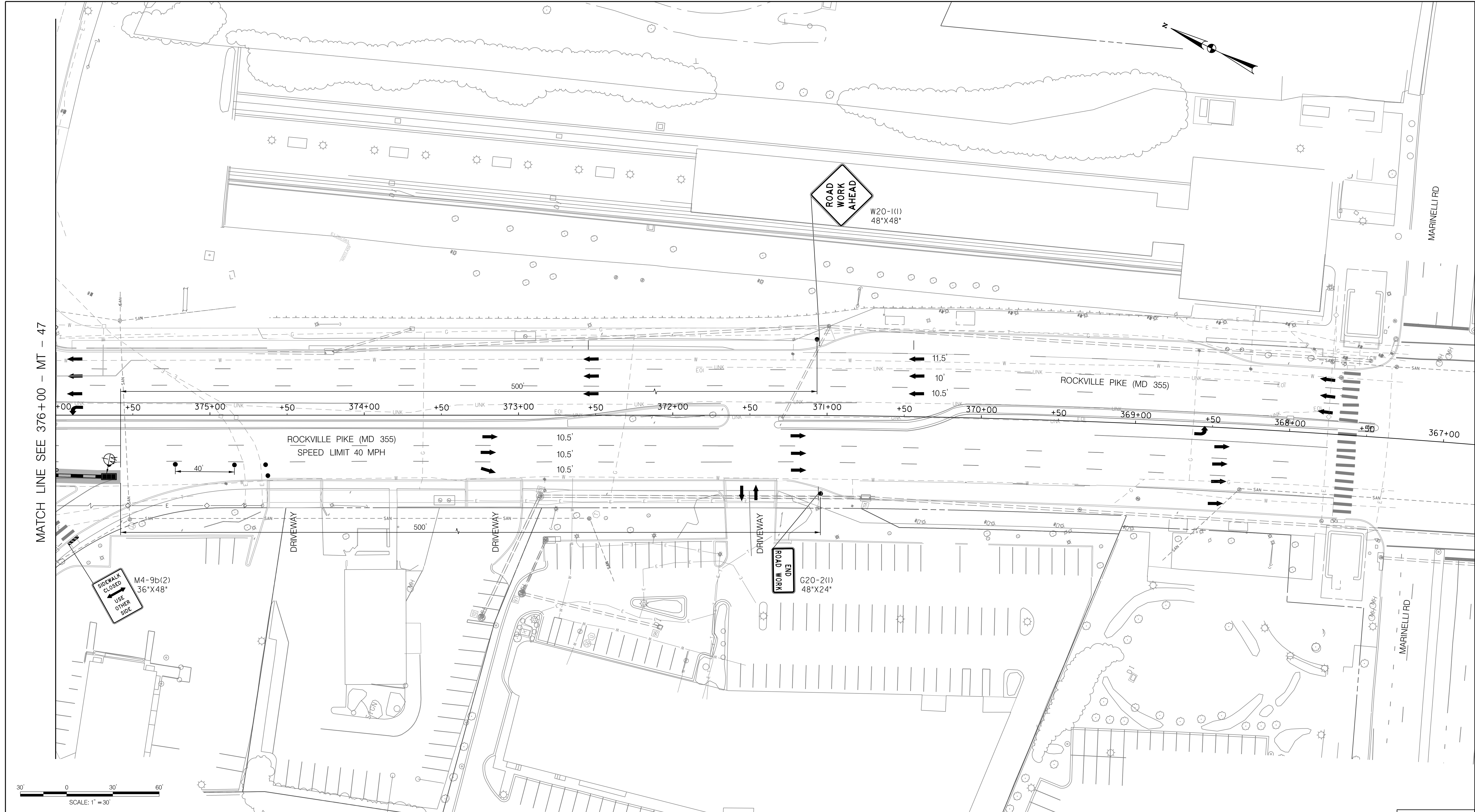
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 4A

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 82 of 157

12/15/2023  
 U:\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P404.dgn



MATCH LINE SEE 376+00 - MT - 47

MARINELLI RD

MARINELLI RD

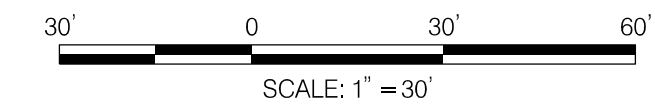
ROCKVILLE PIKE (MD 355)

ROCKVILLE PIKE (MD 355)  
 SPEED LIMIT 40 MPH

W20-1(1)  
 48"x48"

END  
 ROAD WORK  
 G20-2(1)  
 48"x24"

M4-9b(2)  
 36"x48"  
 SIDEWALK  
 CLOSED  
 USE  
 OTHER  
 SIDE

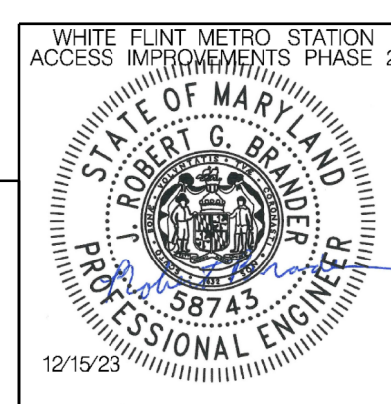


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by : RB Drawn by : JM Checked by : RJM

MT - 48

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 4A

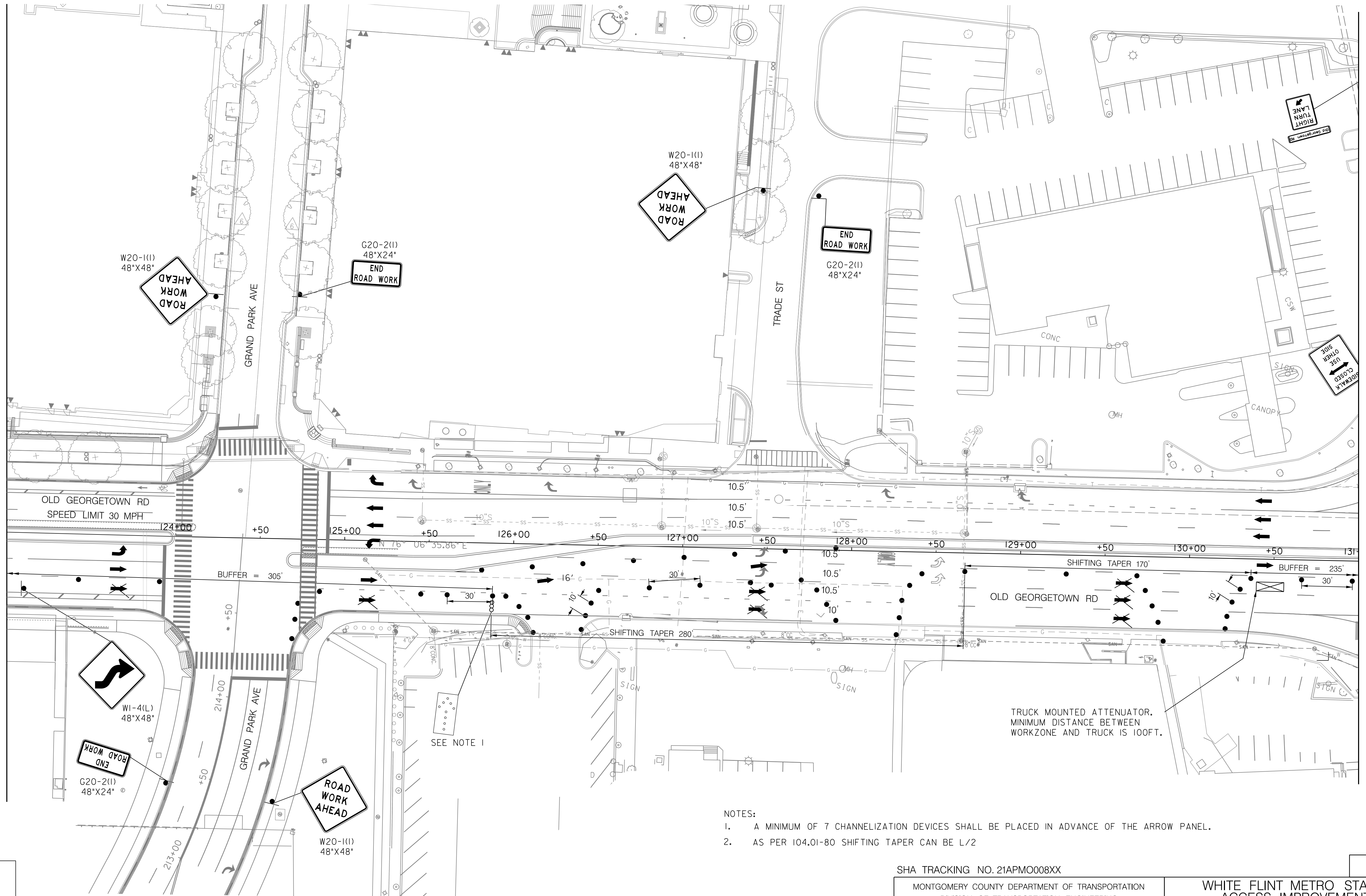
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 83 of 157

12/15/2023 LA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P405.dgn



MATCH LINE - SEE SHEET MT - 50

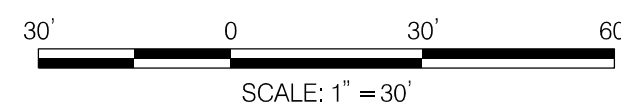


MATCH LINE 131+00 - SEE SHEET MT - 47

- NOTES:
1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.
  2. AS PER 104.01-80 SHIFTING TAPER CAN BE L/2

TRUCK MOUNTED ATTENUATOR.  
MINIMUM DISTANCE BETWEEN  
WORKZONE AND TRUCK IS 100FT.

SEE NOTE 1

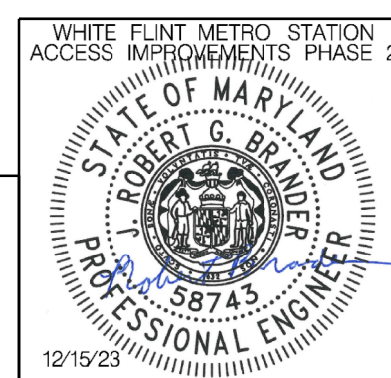


LEGEND

- DRUMS
- ⬆ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
OF MARYLAND.  
LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Design Section  
APPROVED  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Division of Transportation Engineering  
Designed by: RB Drawn by: JM Checked by: RJM

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

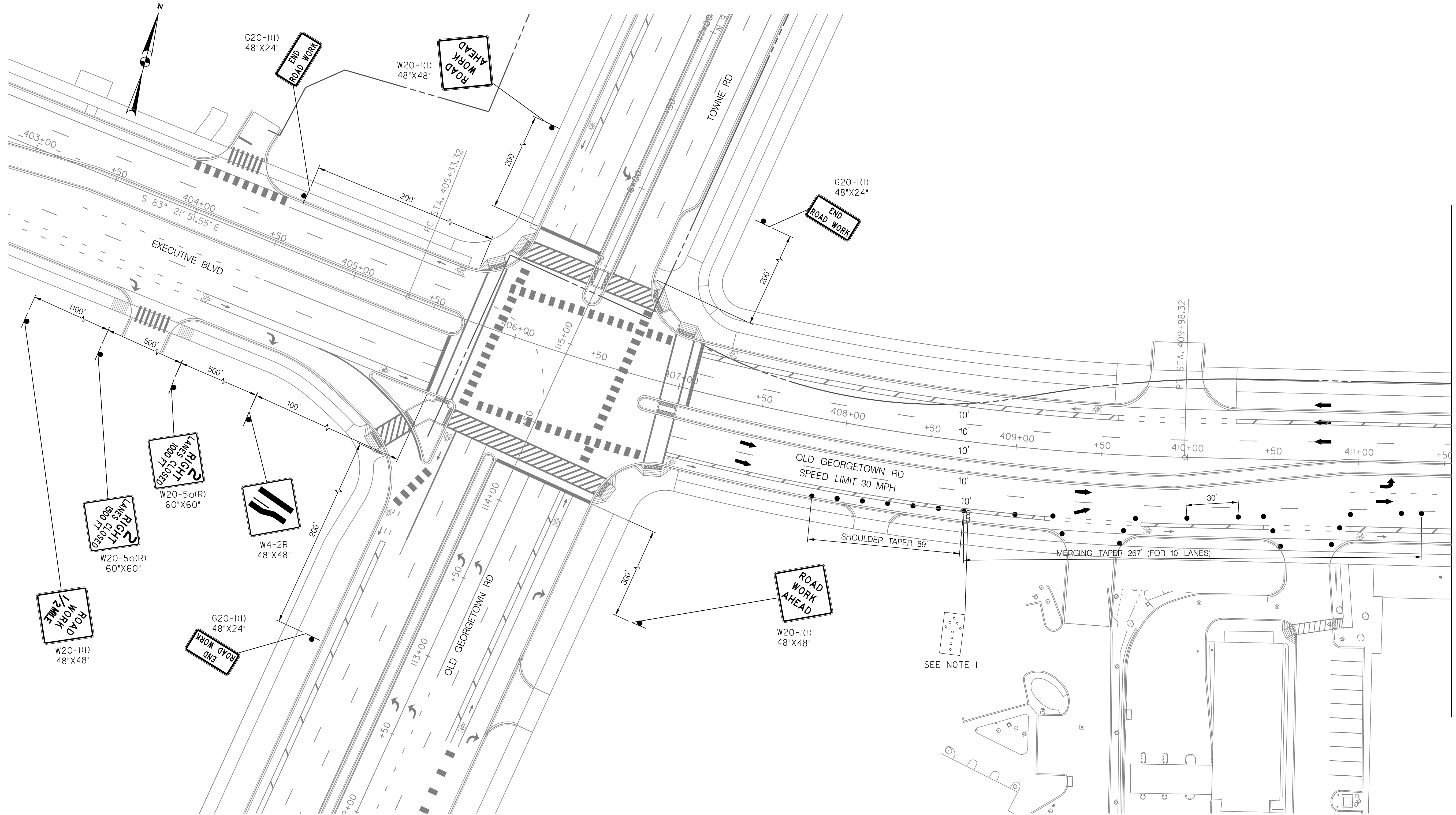
MAINTENANCE OF TRAFFIC PLAN  
PHASE 4A

SCALE : 1" = 30' DATE : DECEMBER 2023

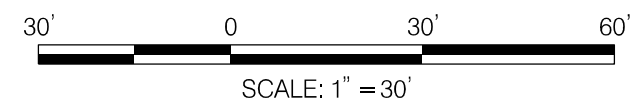
Project No. : 502106 SHEET 84 of 157

MT - 49

12/15/2023 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P406.dgn



MATCH LINE - SEE SHEET MT - 49



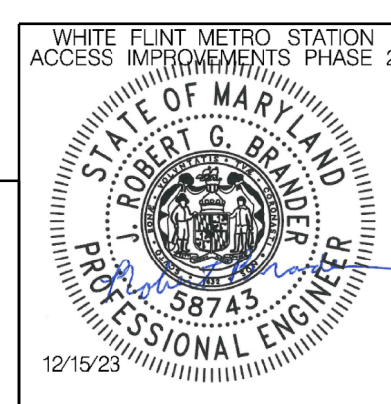
NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.

**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 50

**WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2**

**MAINTENANCE OF TRAFFIC PLAN  
 PHASE 4A**

SCALE : 1" = 30'      DATE : DECEMBER 2023

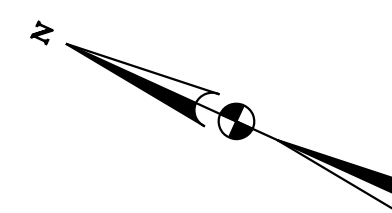
Project No. : 502106      SHEET 85 of 157

**SCHEDULE**  
 PHASE 4B: 30 DAYS

**APPLICABLE MD STANDARDS / MC DOT STANDARDS**  
 SB MD 355: MD 104.04-05, RIGHT LANE  
 CLOSURE DIVIDED GREATER THAN 40 MPH.  
 EB OLD GEORGETOWN ROAD: MCDOT TCP-103.01  
 TRAFFIC CONTROL FOR RIGHT LANE CLOSURE (DIVIDED)

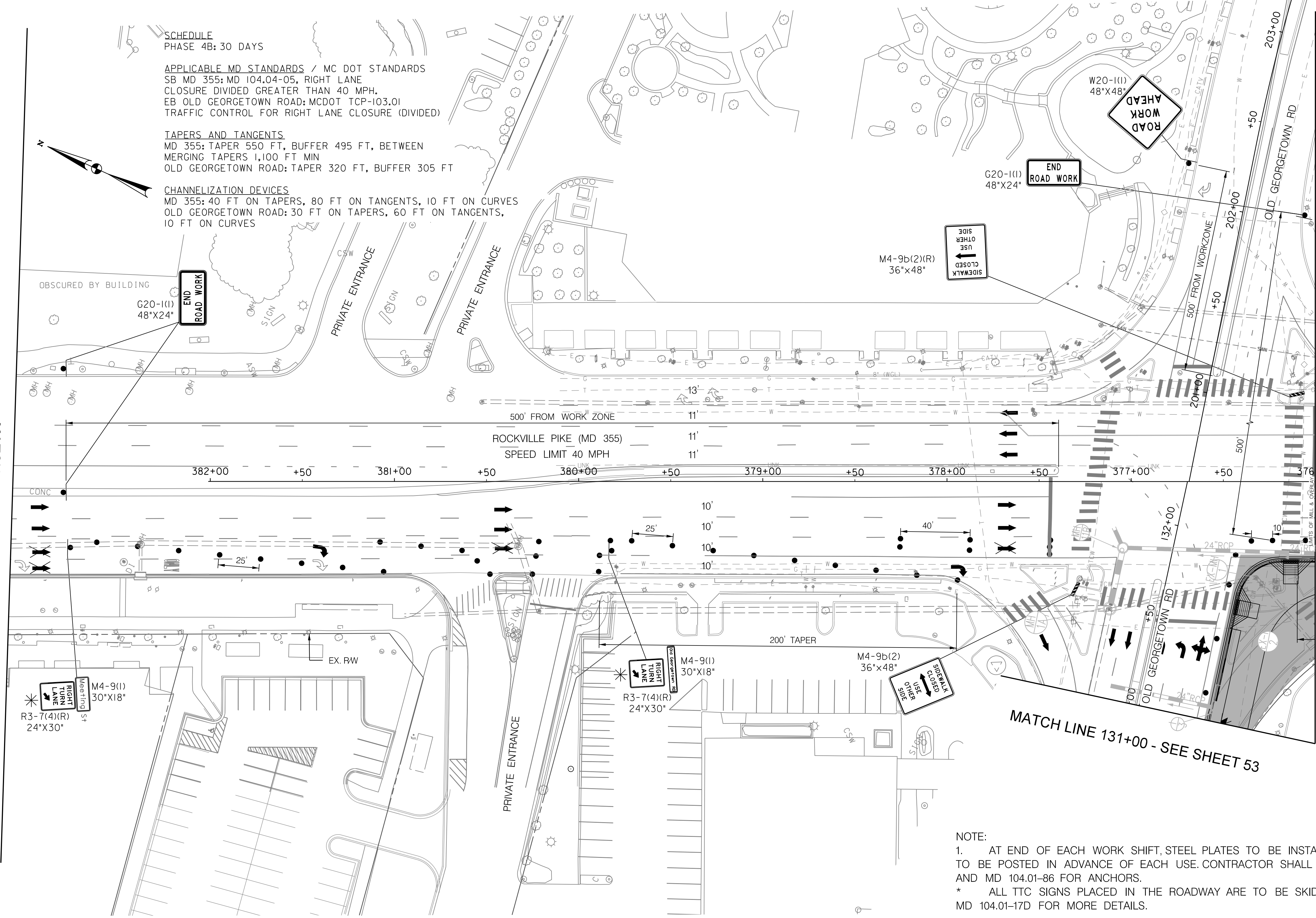
**TAPERS AND TANGENTS**  
 MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN  
 MERGING TAPERS 1,100 FT MIN  
 OLD GEORGETOWN ROAD: TAPER 320 FT, BUFFER 305 FT

**CHANNELIZATION DEVICES**  
 MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS, 10 FT ON CURVES  
 OLD GEORGETOWN ROAD: 30 FT ON TAPERS, 60 FT ON TANGENTS,  
 10 FT ON CURVES

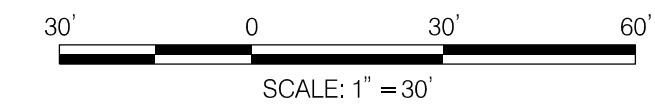


MATCH LINE - SEE SHEET MT - 46

MATCH LINE 376+00 - SEE SHEET MT - 52



**NOTE:**  
 1. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

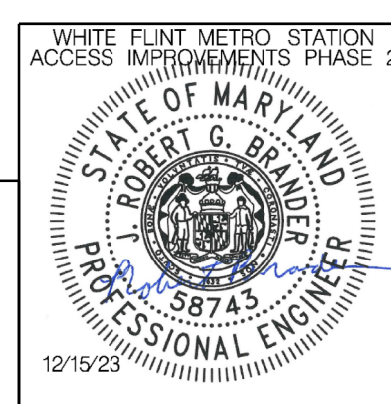


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

**PROFESSIONAL CERTIFICATION:**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 51

**WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2**

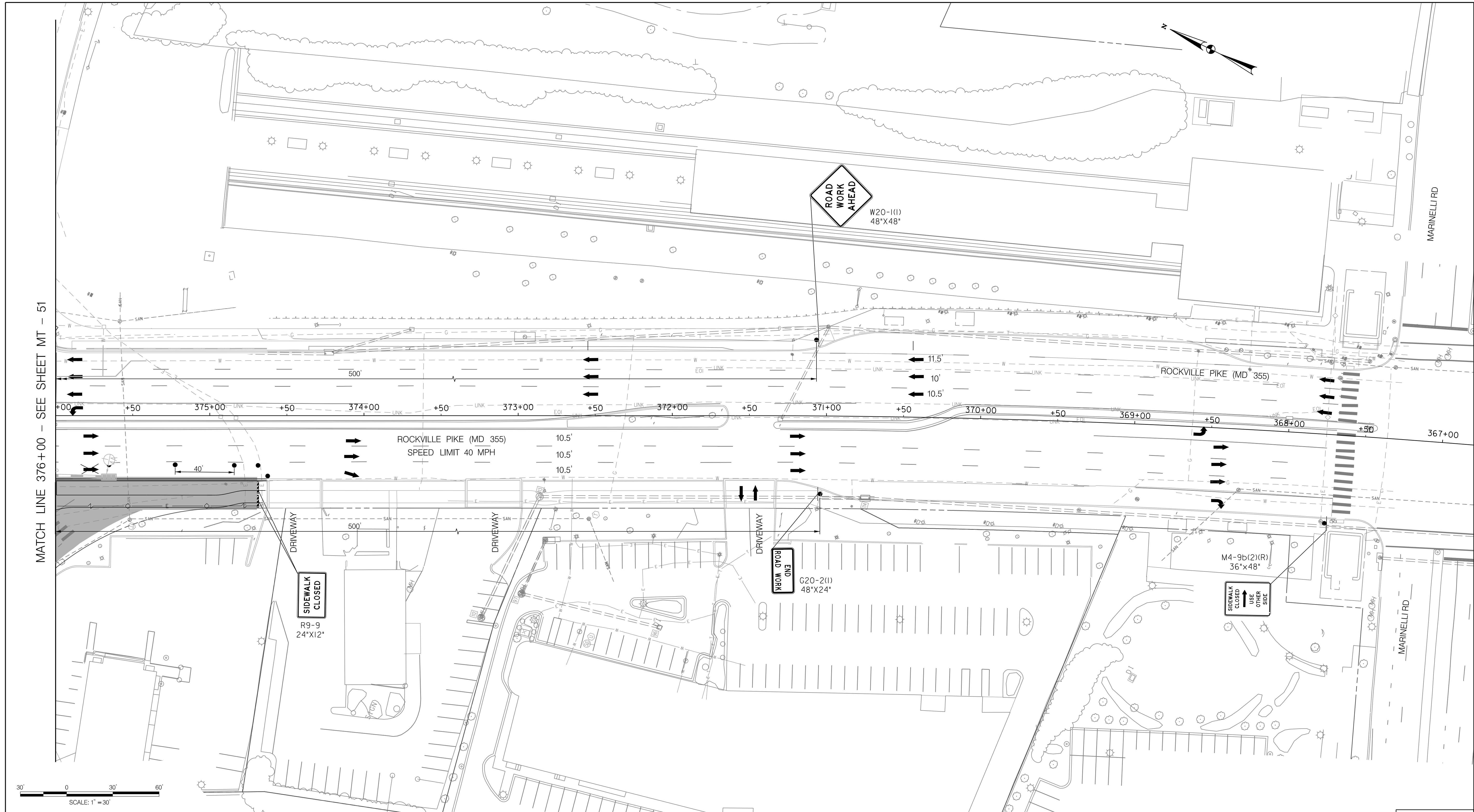
**MAINTENANCE OF TRAFFIC PLAN  
 PHASE 4B**

SCALE : 1" = 30' DATE : DECEMBER 2023

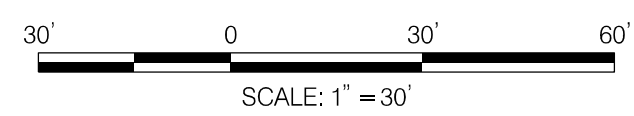
Project No. : 502106 SHEET 86 of 157

12/15/2023 U:\2026\213204\700 CADD\701 Sheet\Phase 2\MT-P407.dgn

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P408.dgn



MATCH LINE 376+00 - SEE SHEET MT - 51

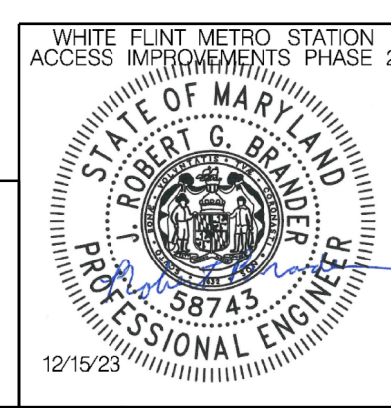


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RB Drawn by: JM Checked by: RJM

MT - 52

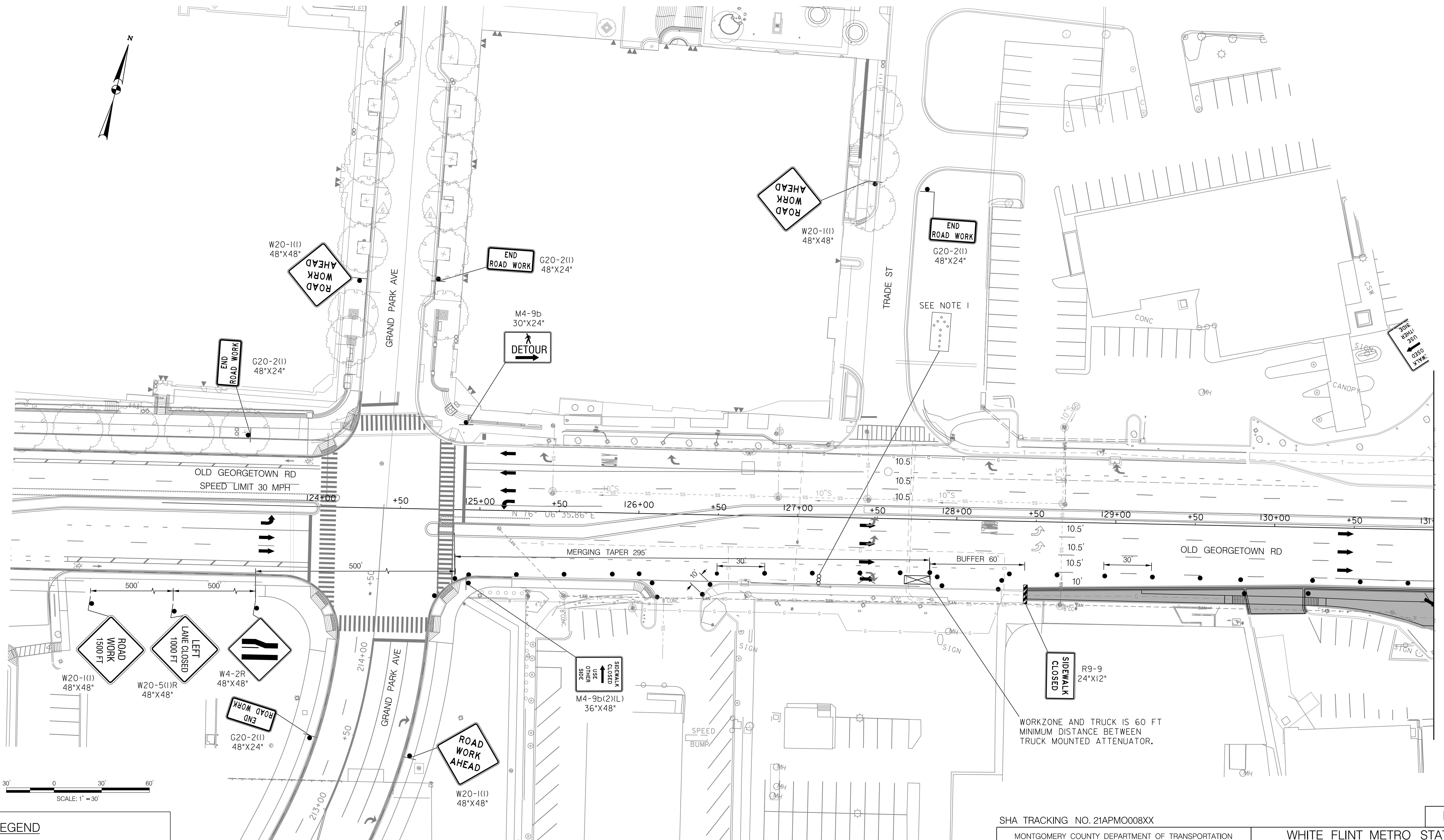
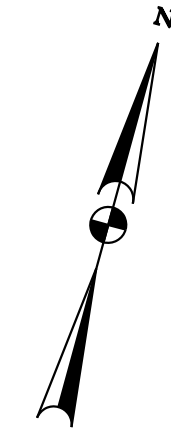
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 4B

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 87 of 157

12/15/2023  
 LA\2026213204\700 CADD\701 Sheet\Phase 2\PMIT-P409.dgn



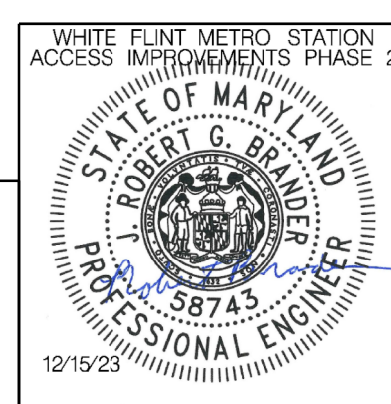
MATCH LINE 131+00 - SEE SHEET MT - 51

**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering  
 Designed by: RB Drawn by: JM Checked by: RJM

MT - 53

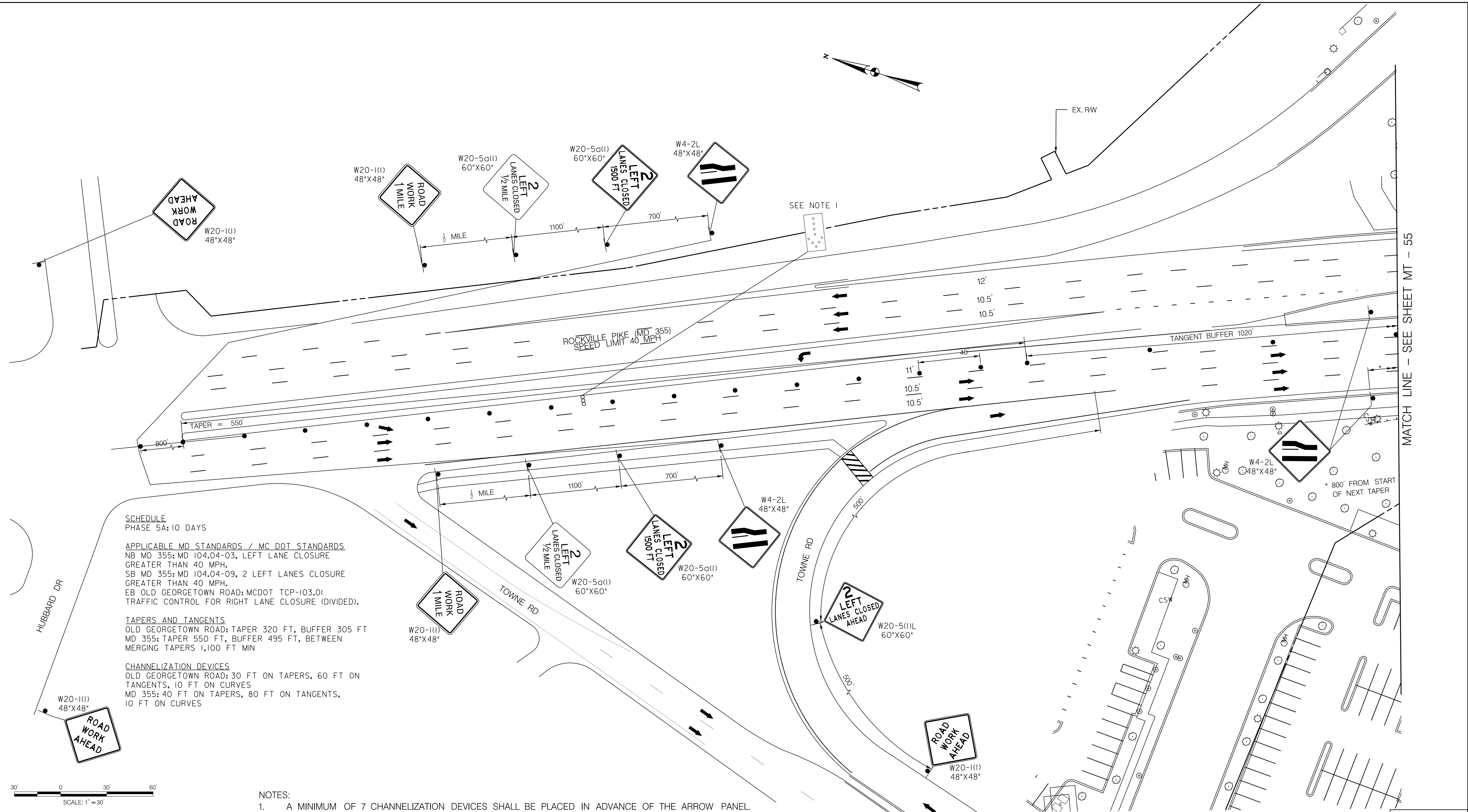
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 4B

SCALE : 1" = 30' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 88 of 157



12/15/2023  
UA\2026213204\700 CADD\701 Sheet\Phase 2\DMIT-P501.dgn

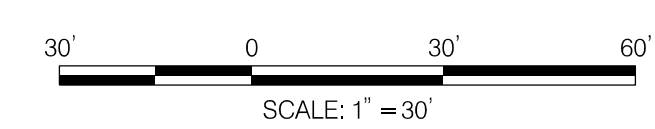


**SCHEDULE**  
PHASE 5A: 10 DAYS

APPLICABLE MD STANDARDS / MC DOT STANDARDS  
NB MD 355: MD 104.04-03, LEFT LANE CLOSURE  
GREATER THAN 40 MPH.  
SB MD 355: MD 104.04-09, 2 LEFT LANES CLOSURE  
GREATER THAN 40 MPH.  
EB OLD GEORGETOWN ROAD: MCDOT TCP-103.01  
TRAFFIC CONTROL FOR RIGHT LANE CLOSURE (DIVIDED).

**TAPERS AND TANGENTS**  
OLD GEORGETOWN ROAD: TAPER 320 FT, BUFFER 305 FT  
MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN  
MERGING TAPERS 1,100 FT MIN

**CHANNELIZATION DEVICES**  
OLD GEORGETOWN ROAD: 30 FT ON TAPERS, 60 FT ON  
TANGENTS, 10 FT ON CURVES  
MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS,  
10 FT ON CURVES



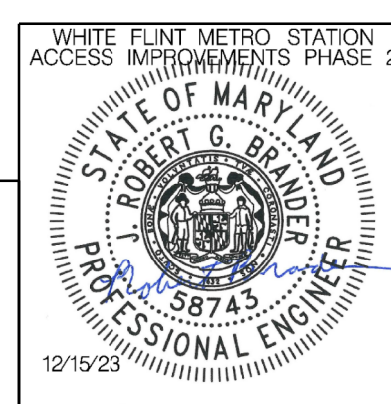
**NOTES:**  
1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.

**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
OF MARYLAND.  
LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Design Section  
APPROVED  
SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Division of Transportation Engineering  
Designed by: RB Drawn by: JM Checked by: RJM

MT - 54

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

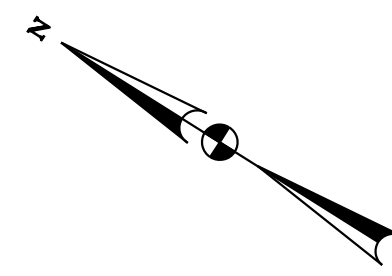
MAINTENANCE OF TRAFFIC PLAN  
PHASE 5A

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 89 of 157

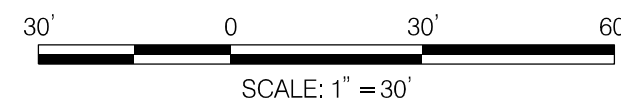
MATCH LINE - SEE SHEET MT - 55

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P502.dgn



MATCH LINE - SEE SHEET MT - 54

MATCH LINE - SEE SHEET MT - 56

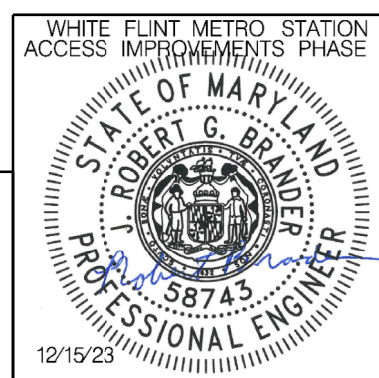


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

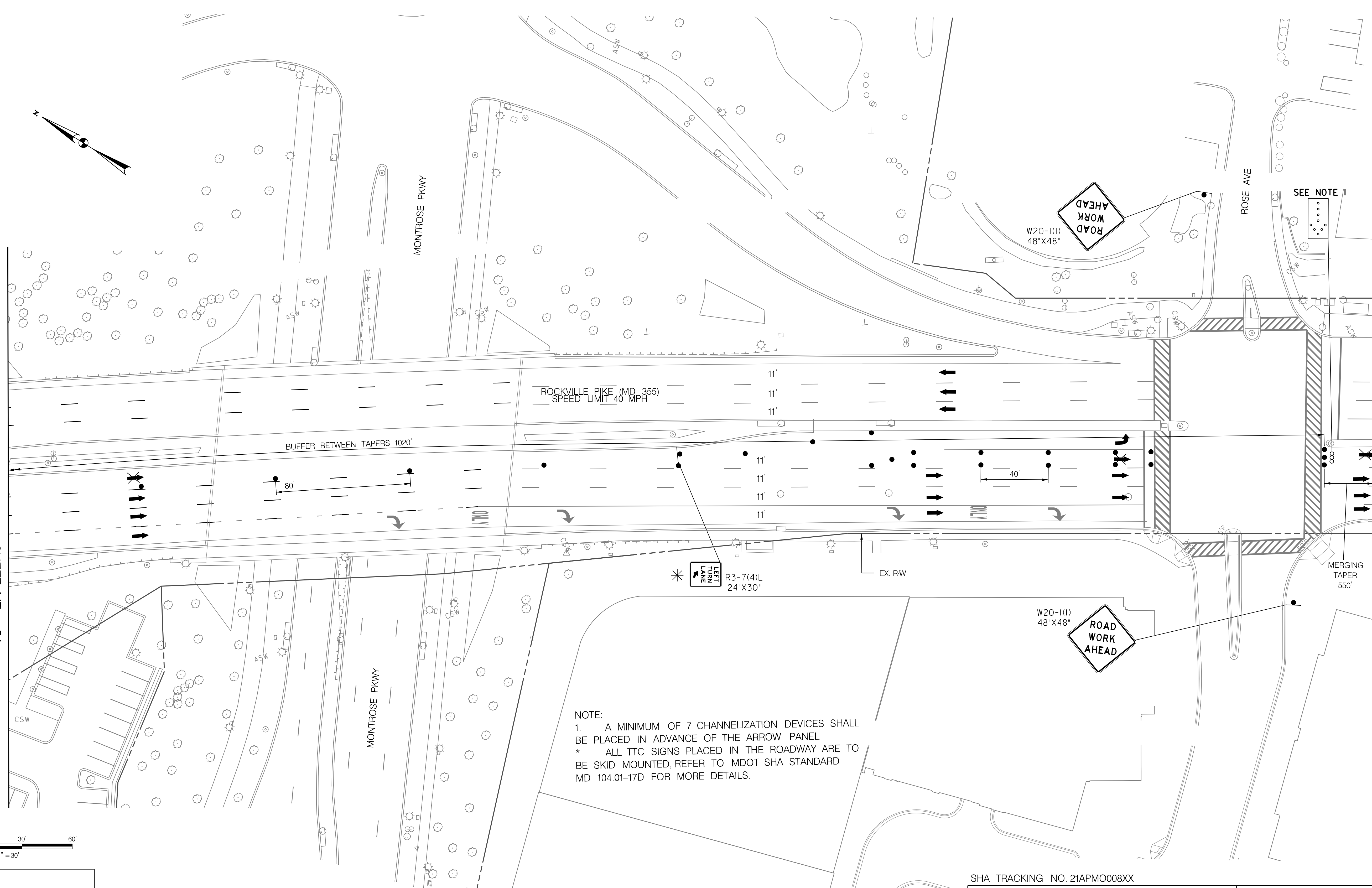
RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering  
 Designed by: RB Drawn by: JM Checked by: RJM

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 5A

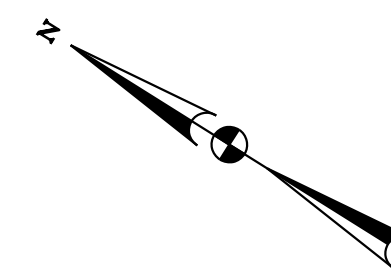
SCALE : 1" = 30' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 90 of 157

MT - 55

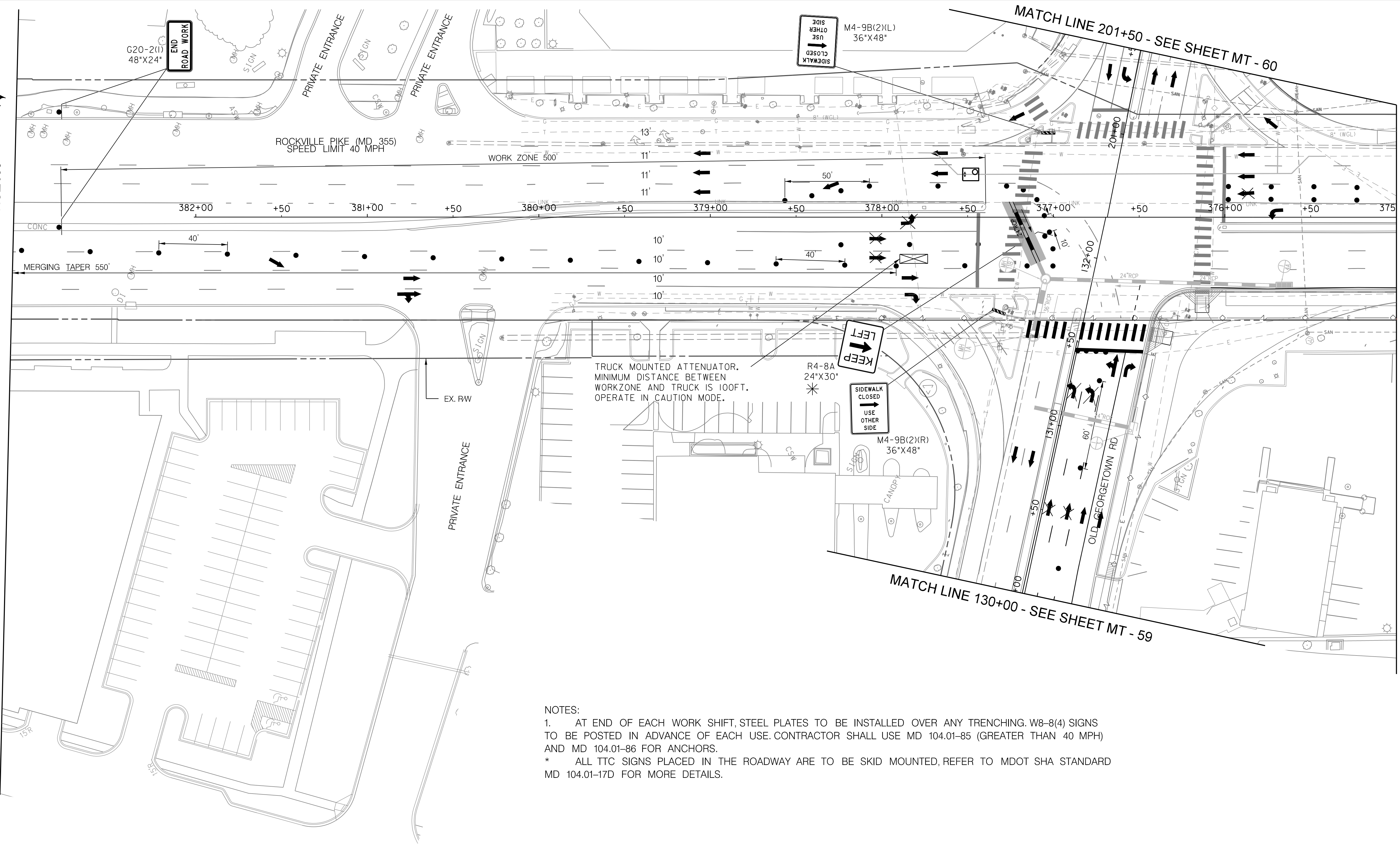


NOTE:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P503.dgn

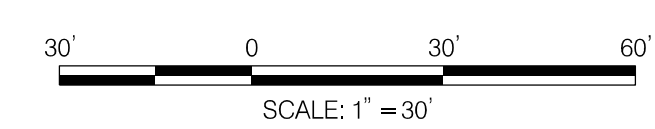


MATCH LINE - SEE SHEET MT -55



MATCH LINE 375+00 - SEE SHEET MT - 57

NOTES:  
 1. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

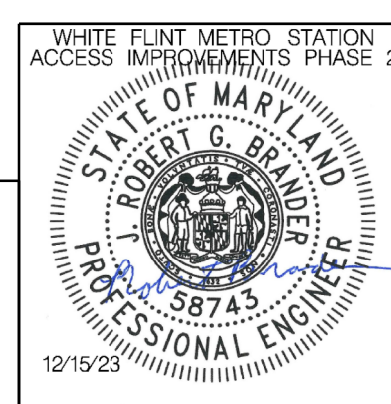


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 56

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 5A

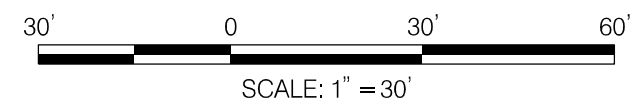
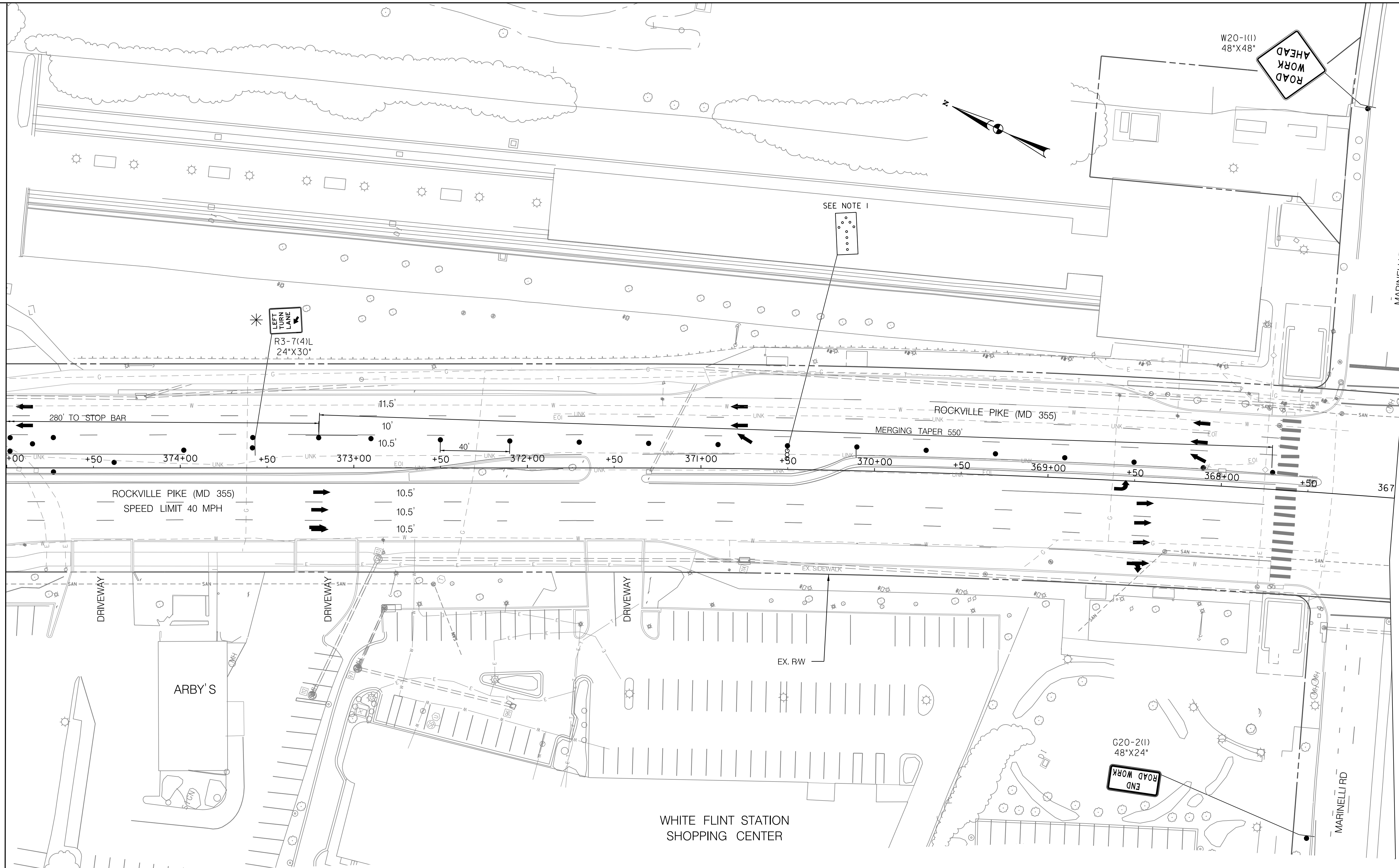
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 91 of 157

12/15/2023  
LA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P504.dgn

MATCH LINE 375+00 - SEE SHEET MT - 56

MATCH LINE 367+00 - SEE SHEET MT - 58



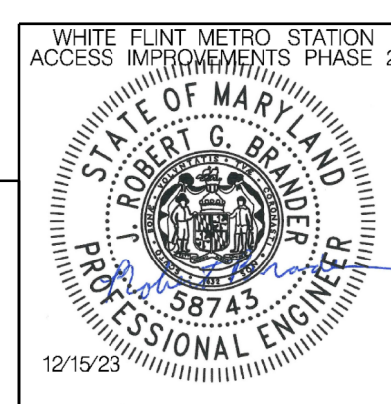
- NOTES:
1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.
- \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
610 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2900  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by : RB Drawn by : JM Checked by : RJM

MT - 57

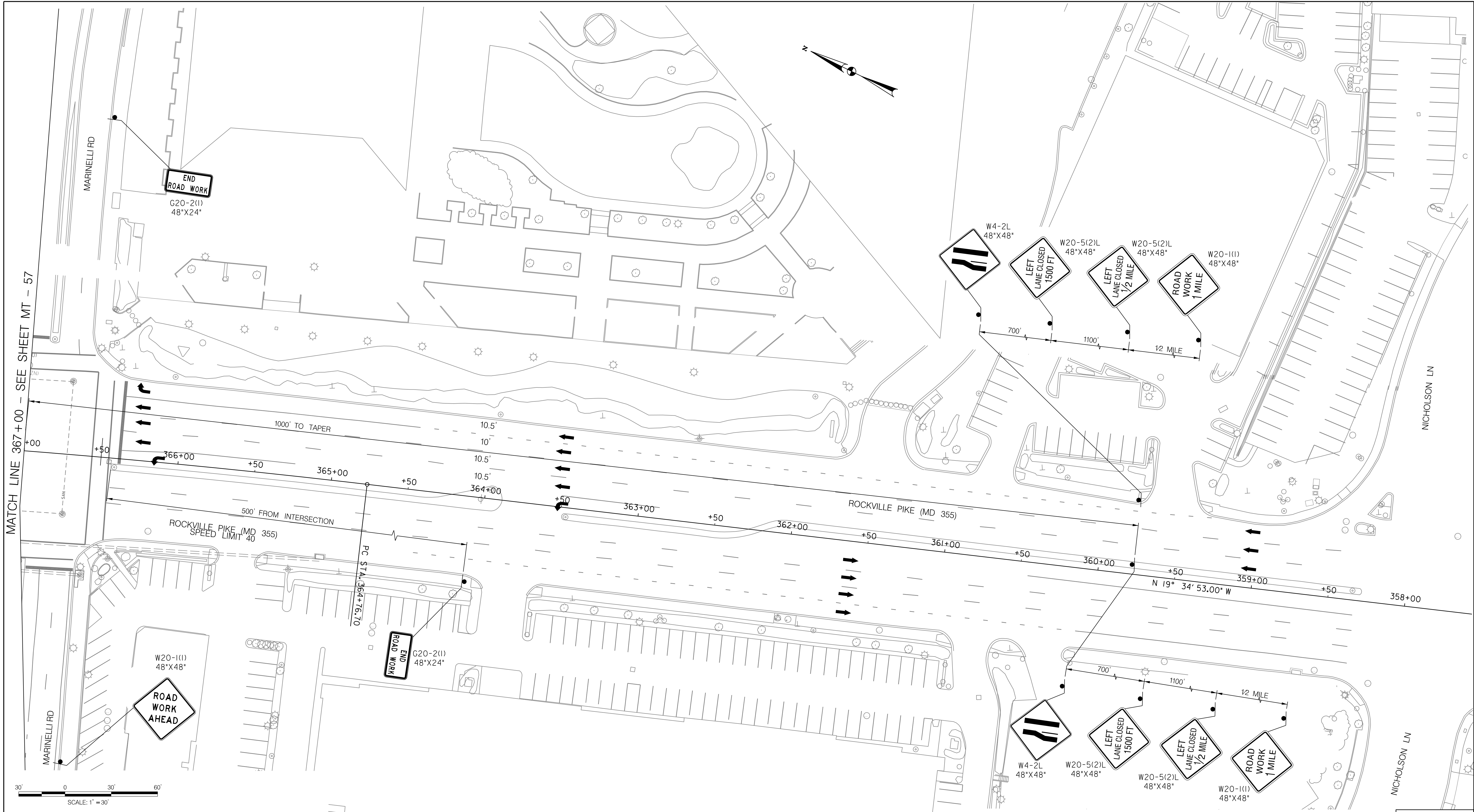
WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
PHASE 5A

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 92 of 157

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\MT-P505.dgn



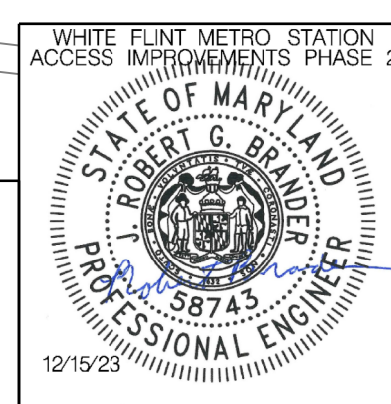
MATCH LINE 367+00 - SEE SHEET MT - 57

**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 Date

APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering  
 Date

Designed by: RB Drawn by: JM Checked by: RJM

MT - 58

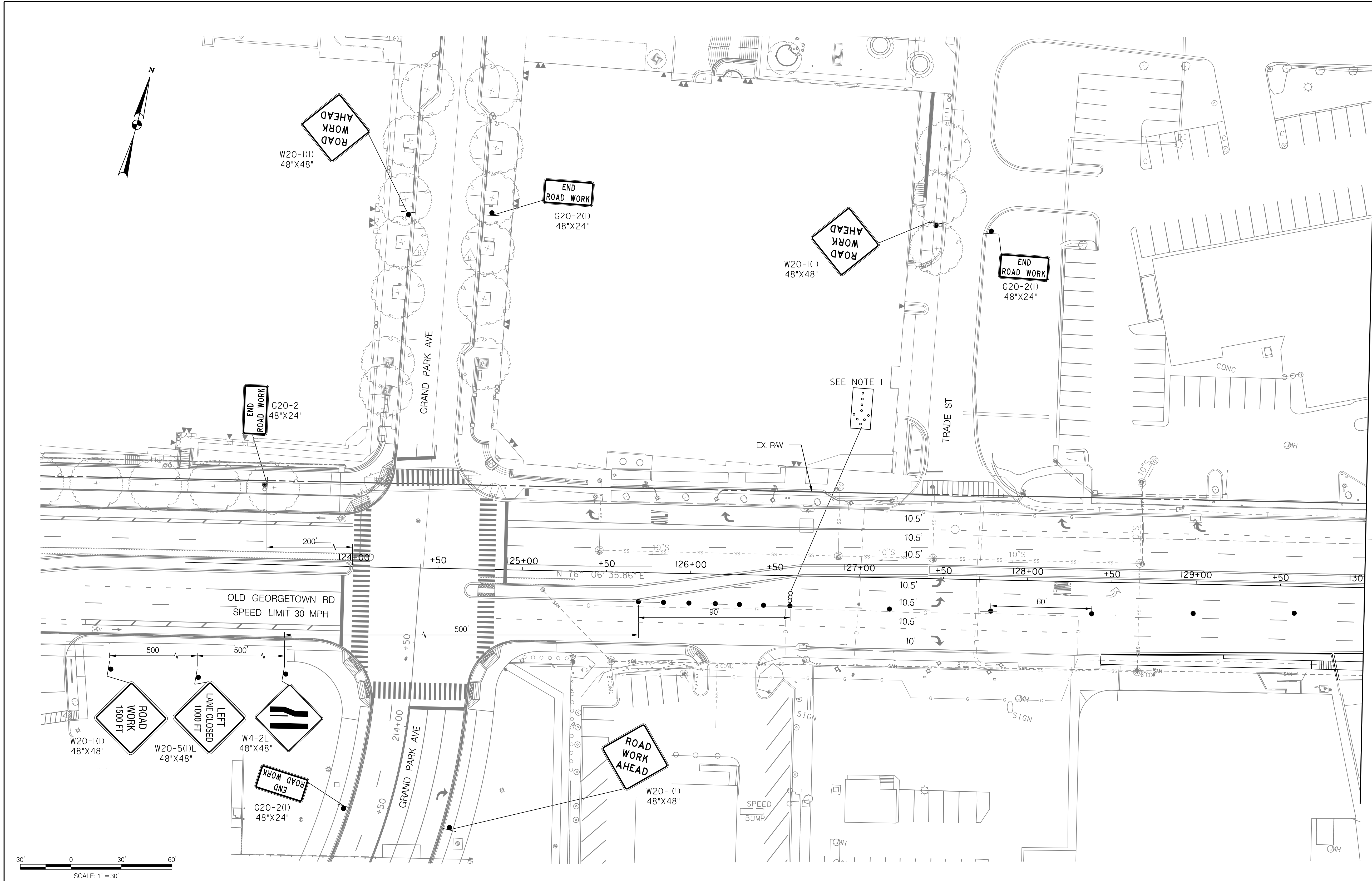
**WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2**

**MAINTENANCE OF TRAFFIC PLAN  
 PHASE 5A**

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 93 of 157

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\PMIT-P506.dgn



MATCH LINE 130+00 - SEE SHEET MT - 56

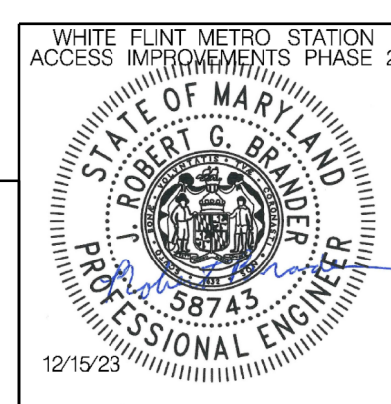
NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.

**LEGEND**

- DRUMS
- ⬆ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by : RB Drawn by : JM Checked by : RJM

MT - 59

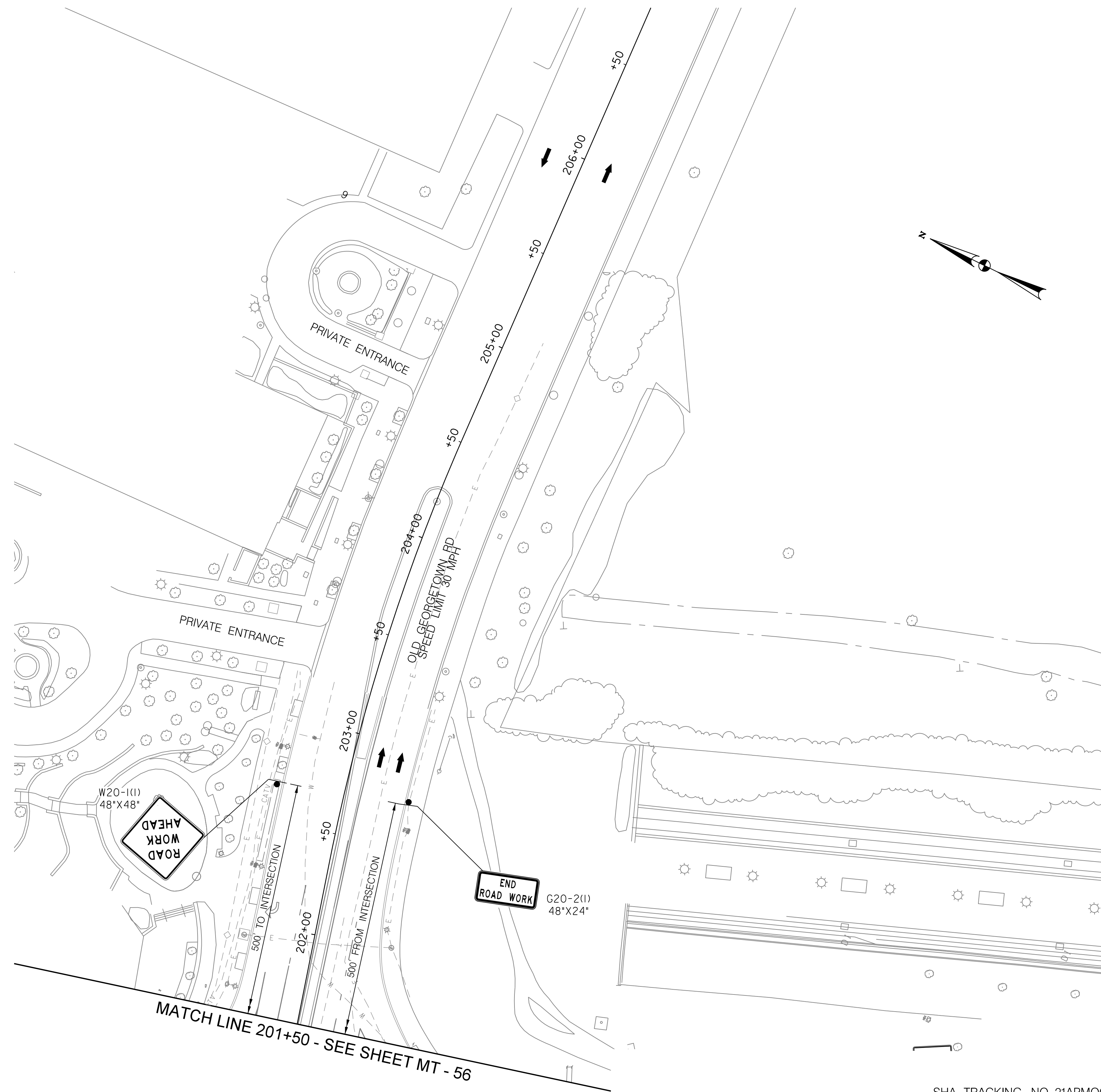
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 5A

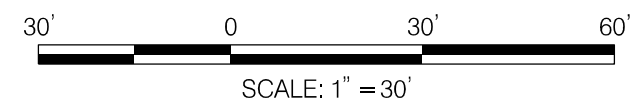
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 78 of 157

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\DMIT-P507.dgn



MATCH LINE 201+50 - SEE SHEET MT - 56

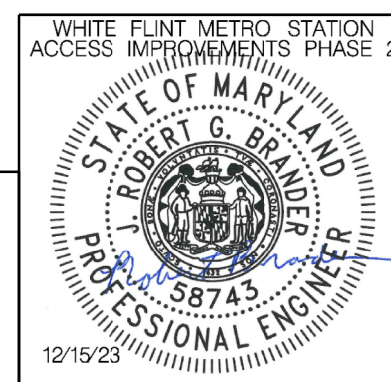


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

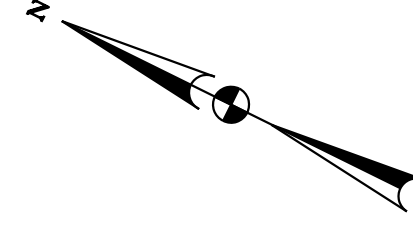
RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by : RB Drawn by : JM Checked by : RJM

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

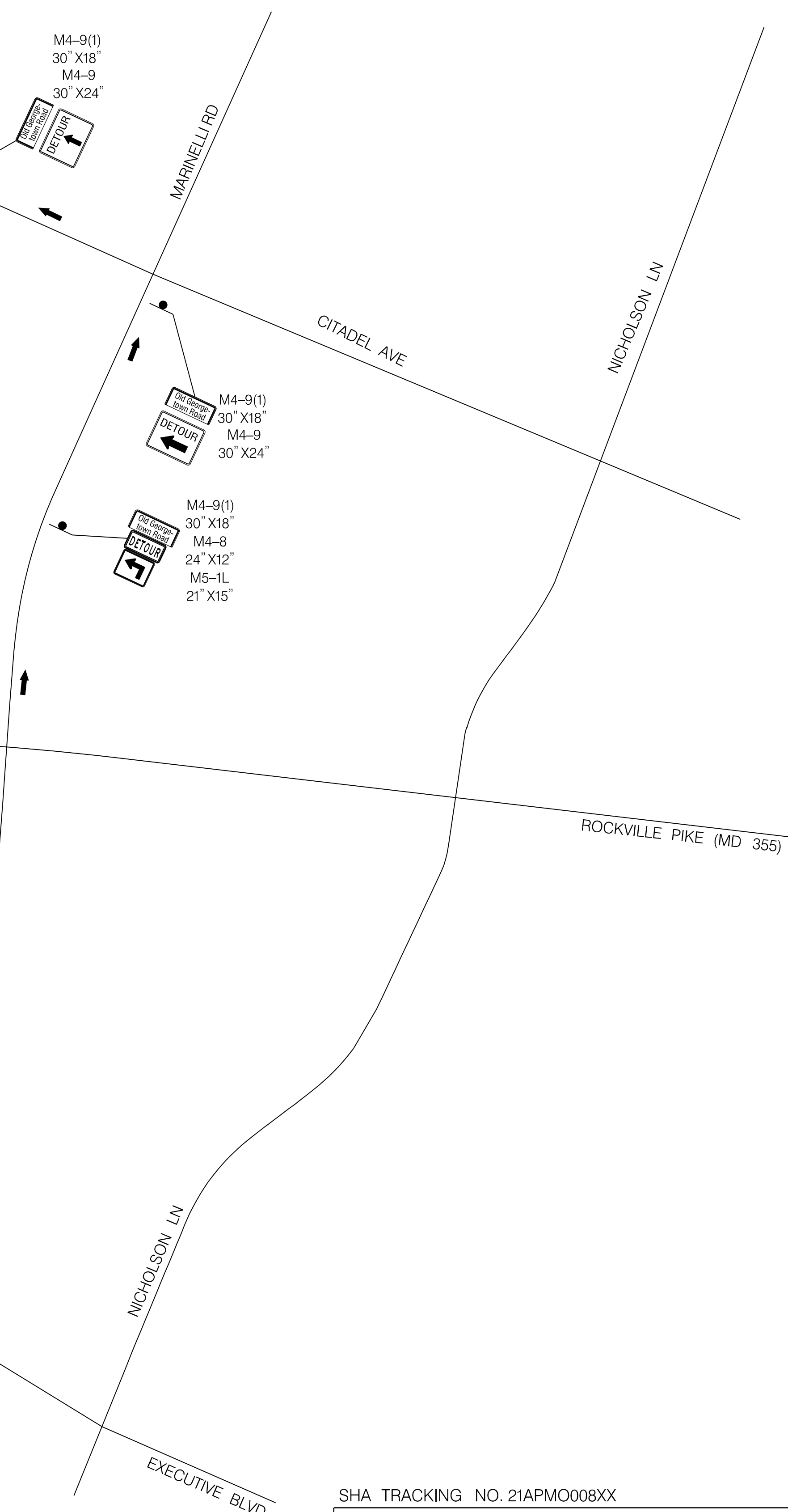
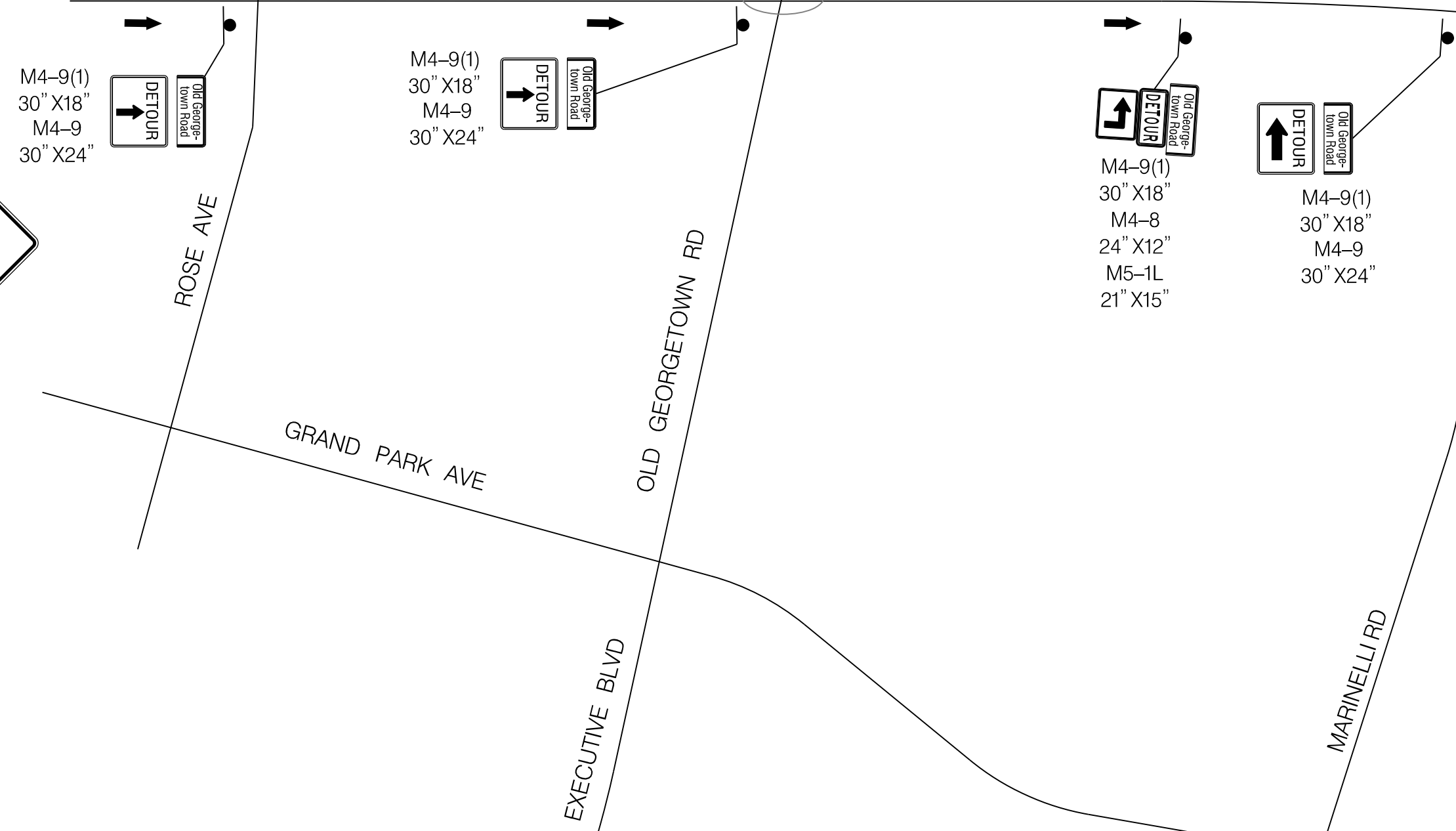
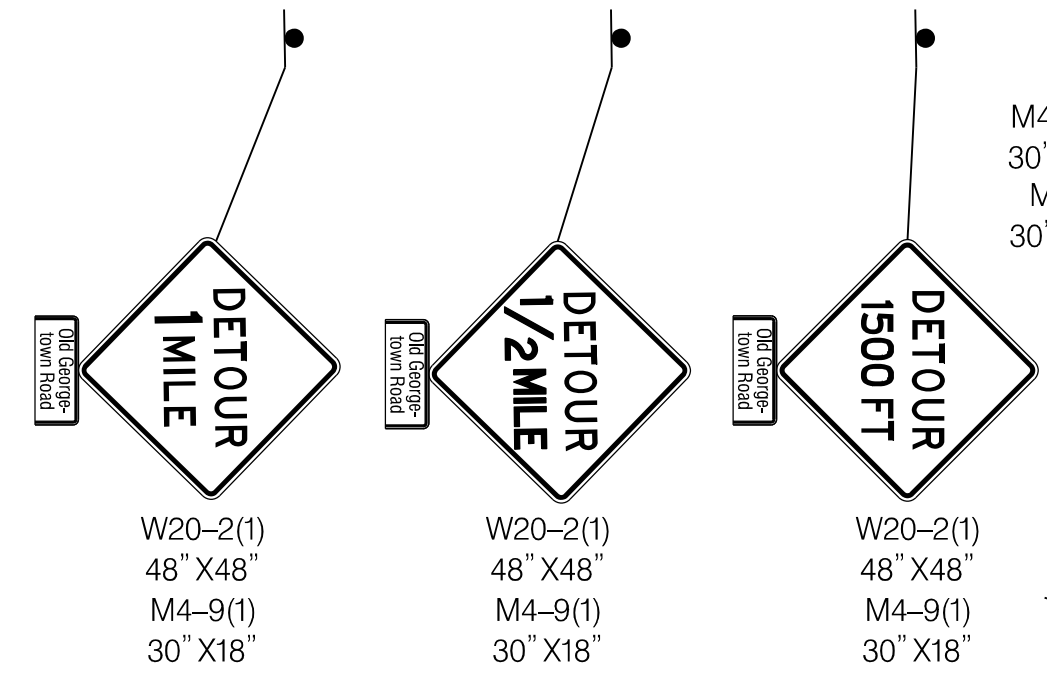
MAINTENANCE OF TRAFFIC PLAN  
 PHASE 5A

SCALE : 1" = 30' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 95 of 157

MT - 60



NOTES:  
 1. DETOURS TO FOLLOW STANDARD MD 104.06-05  
 2. REFER TO SHEET MT-56 FOR SIGNAGE AT WORK ZONE

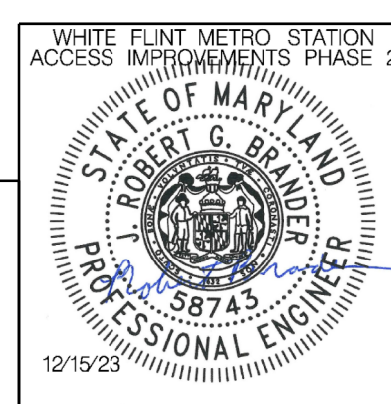


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 952-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 61

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 5A DETOUR

SCALE : NTS DATE : DECEMBER 2023

Project No. : 502106 SHEET 96 of 157

12/15/2023 UA 2026213204\700 CADD\701 Sheet\Phase 2\pMT-P508.dgn



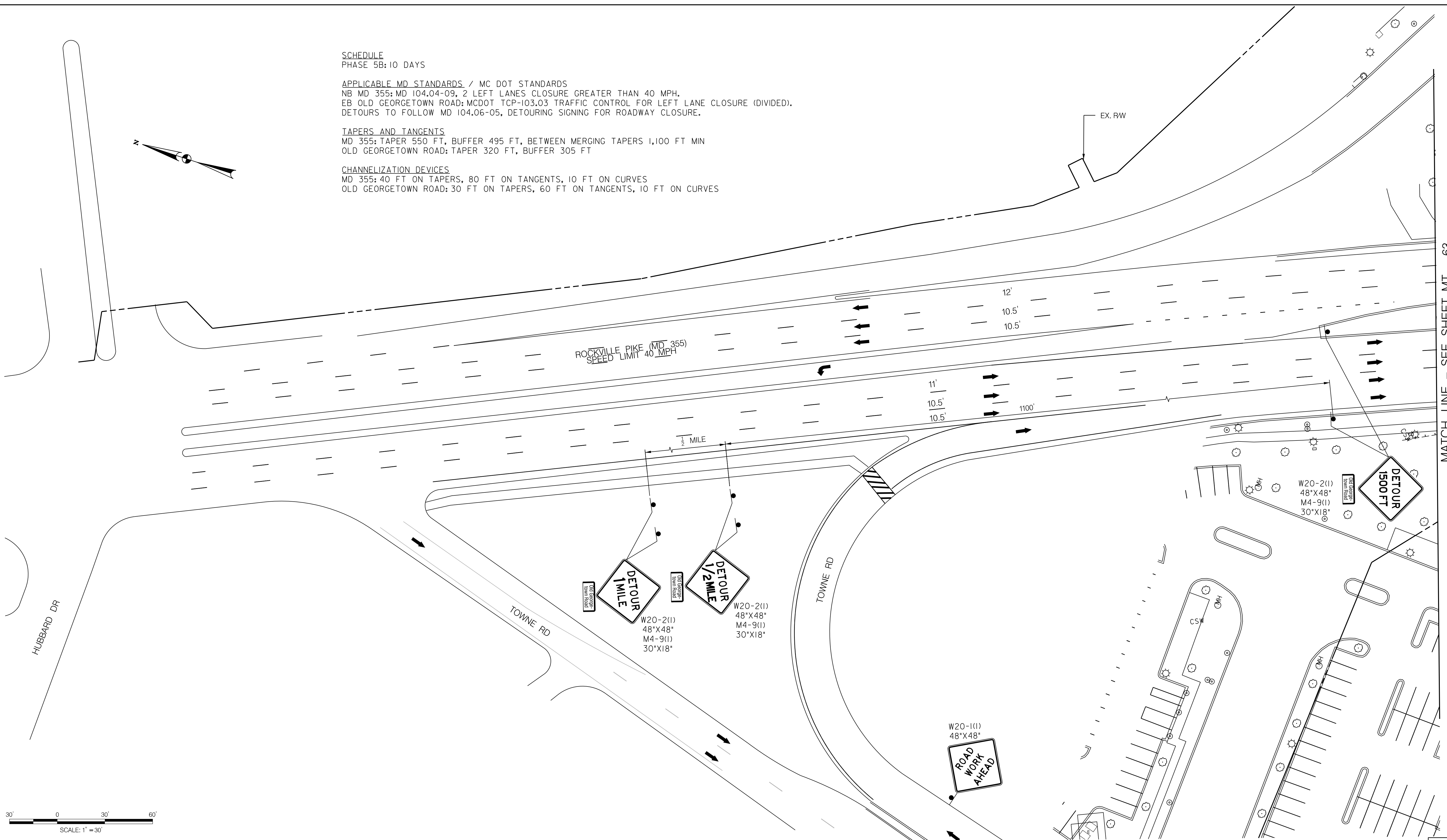
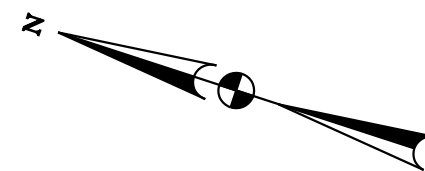
12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\PMIT-P509.dgn

**SCHEDULE**  
 PHASE 5B: 10 DAYS

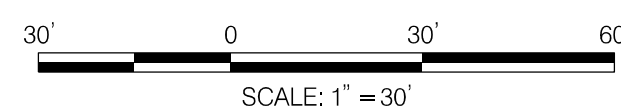
**APPLICABLE MD STANDARDS / MC DOT STANDARDS**  
 NB MD 355: MD 104.04-09, 2 LEFT LANES CLOSURE GREATER THAN 40 MPH.  
 EB OLD GEORGETOWN ROAD: MCDOT TCP-103.03 TRAFFIC CONTROL FOR LEFT LANE CLOSURE (DIVIDED).  
 DETOURS TO FOLLOW MD 104.06-05, DETOURING SIGNING FOR ROADWAY CLOSURE.

**TAPERS AND TANGENTS**  
 MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN MERGING TAPERS 1,100 FT MIN  
 OLD GEORGETOWN ROAD: TAPER 320 FT, BUFFER 305 FT

**CHANNELIZATION DEVICES**  
 MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS, 10 FT ON CURVES  
 OLD GEORGETOWN ROAD: 30 FT ON TAPERS, 60 FT ON TANGENTS, 10 FT ON CURVES



MATCH LINE - SEE SHEET MT - 63

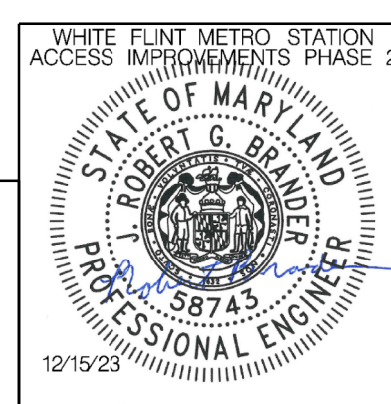


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 62

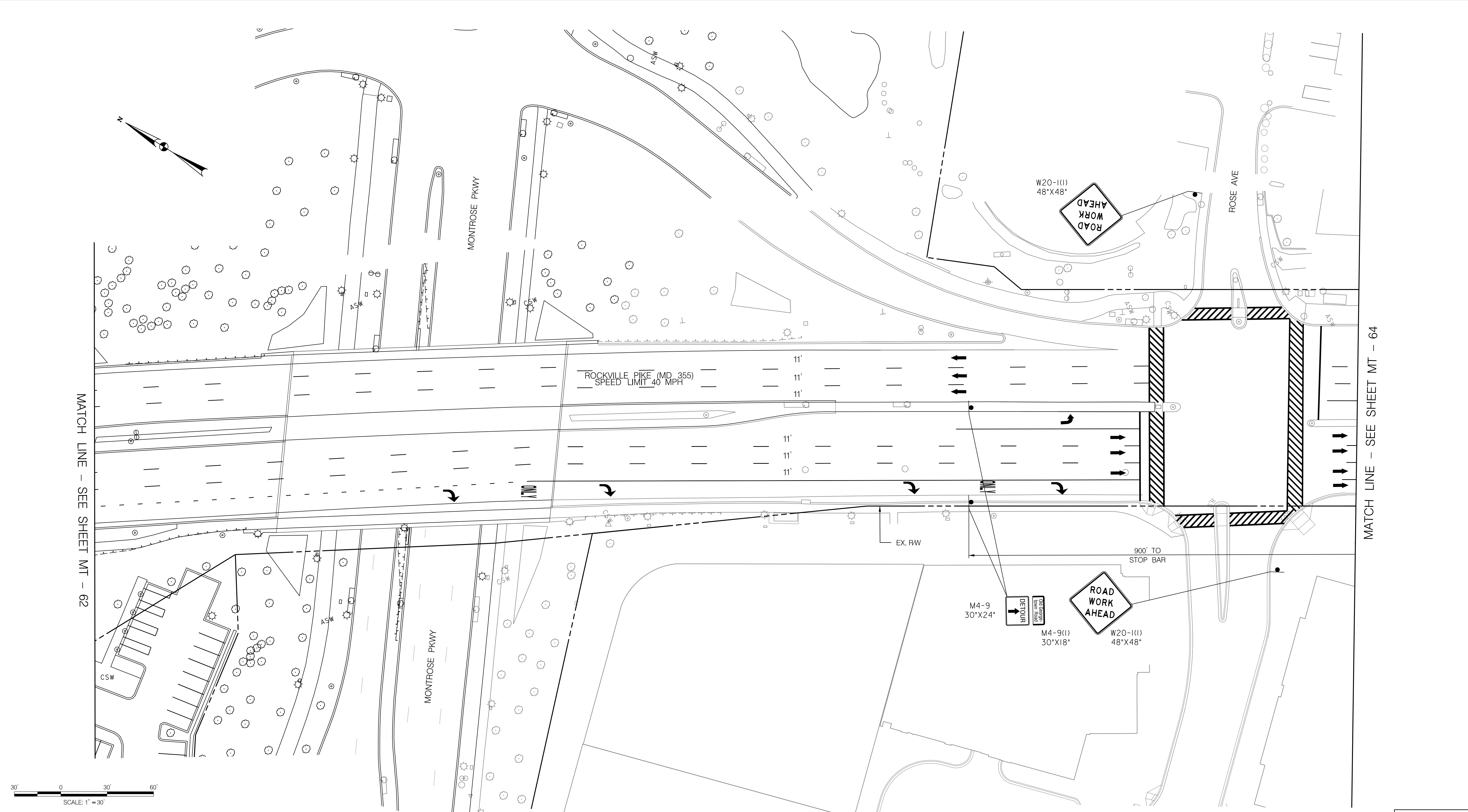
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 5B

SCALE : 1" = 30' DATE : DECEMBER 2023

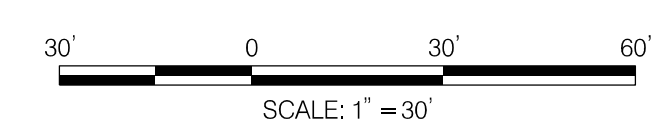
Project No. : 502106 SHEET 97 of 157

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P510.dgn



MATCH LINE - SEE SHEET MT - 62

MATCH LINE - SEE SHEET MT - 64

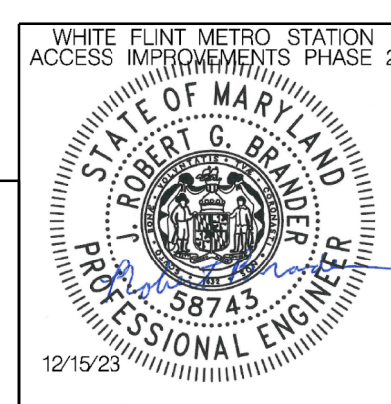


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

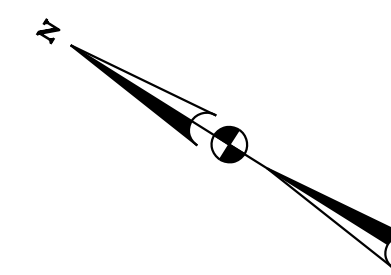
RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by : RB Drawn by : JM Checked by : RJM

MT - 63

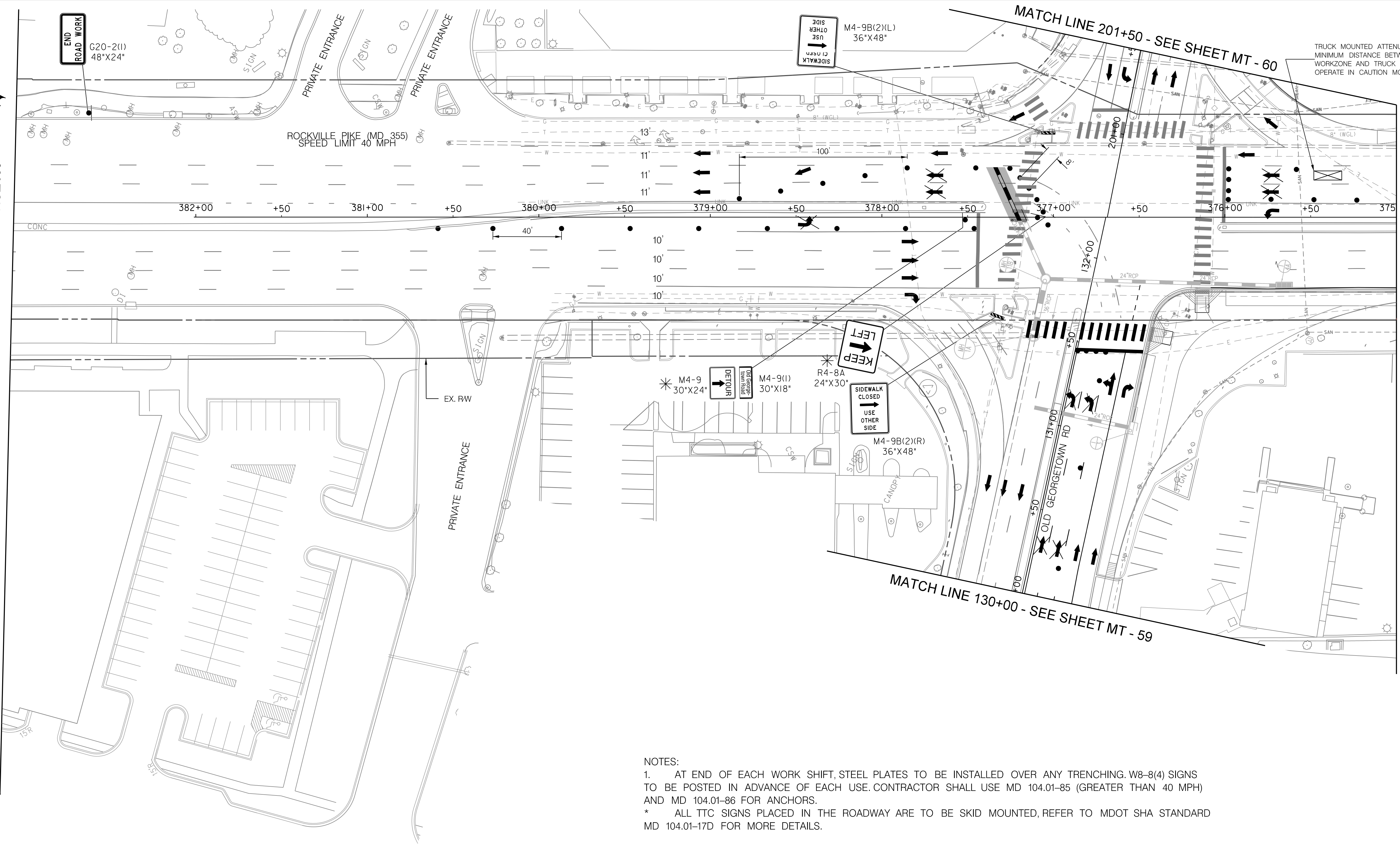
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 5B

SCALE : 1" = 30' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 98 of 157



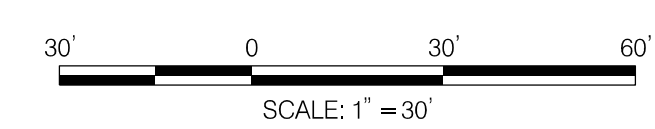
MATCH LINE - SEE SHEET MT -63



TRUCK MOUNTED ATTENUATOR.  
MINIMUM DISTANCE BETWEEN  
WORKZONE AND TRUCK IS 100 FT.  
OPERATE IN CAUTION MODE.

MATCH LINE 375+00 - SEE SHEET MT - 65

NOTES:  
1. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.  
\* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

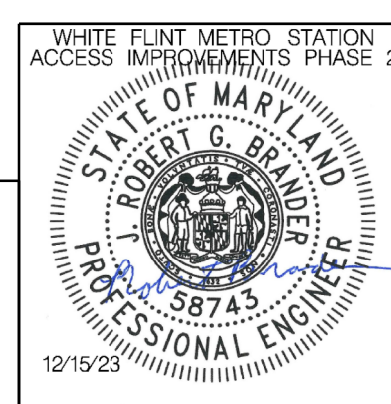


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 64

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
PHASE 5B

SCALE : 1" = 30' DATE : DECEMBER 2023

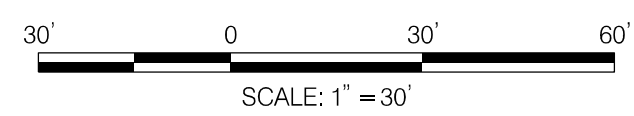
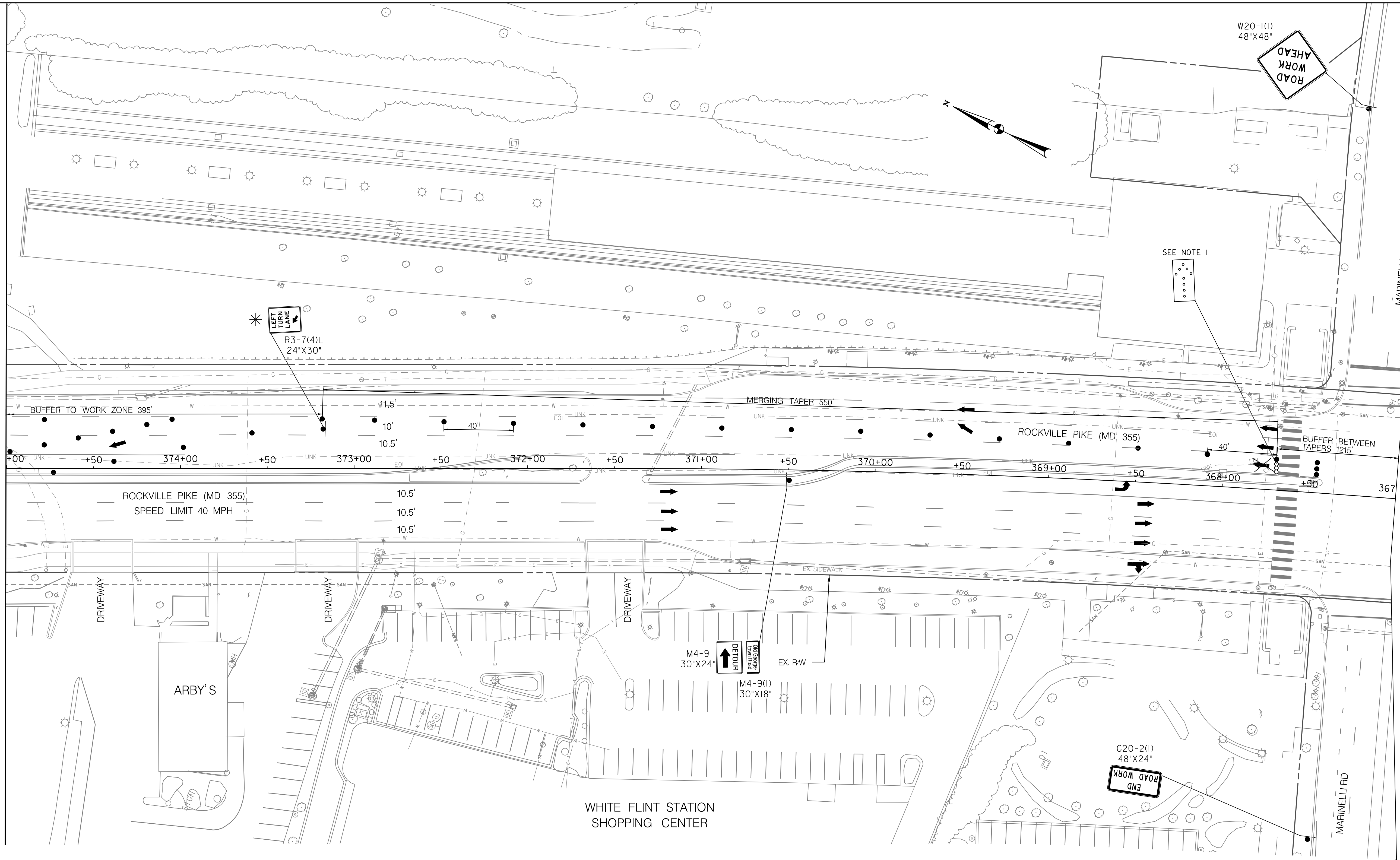
Project No. : 502106 SHEET 99 of 157

12/15/2023 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P511.dgn

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P512.dgn

MATCH LINE 375+00 - SEE SHEET MT - 64

MATCH LINE 367+00 - SEE SHEET MT - 66



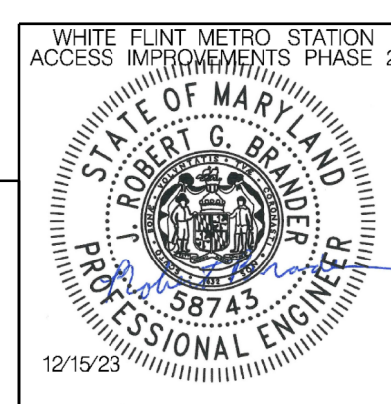
NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RB Drawn by: JM Checked by: RJM

MT - 65

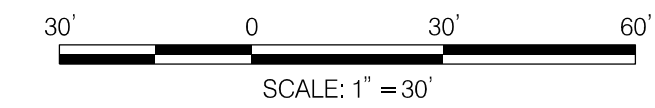
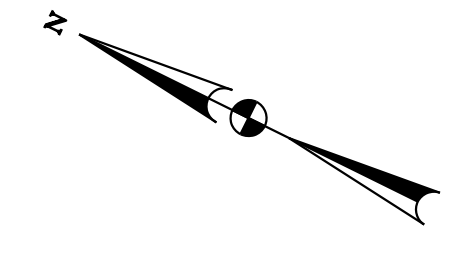
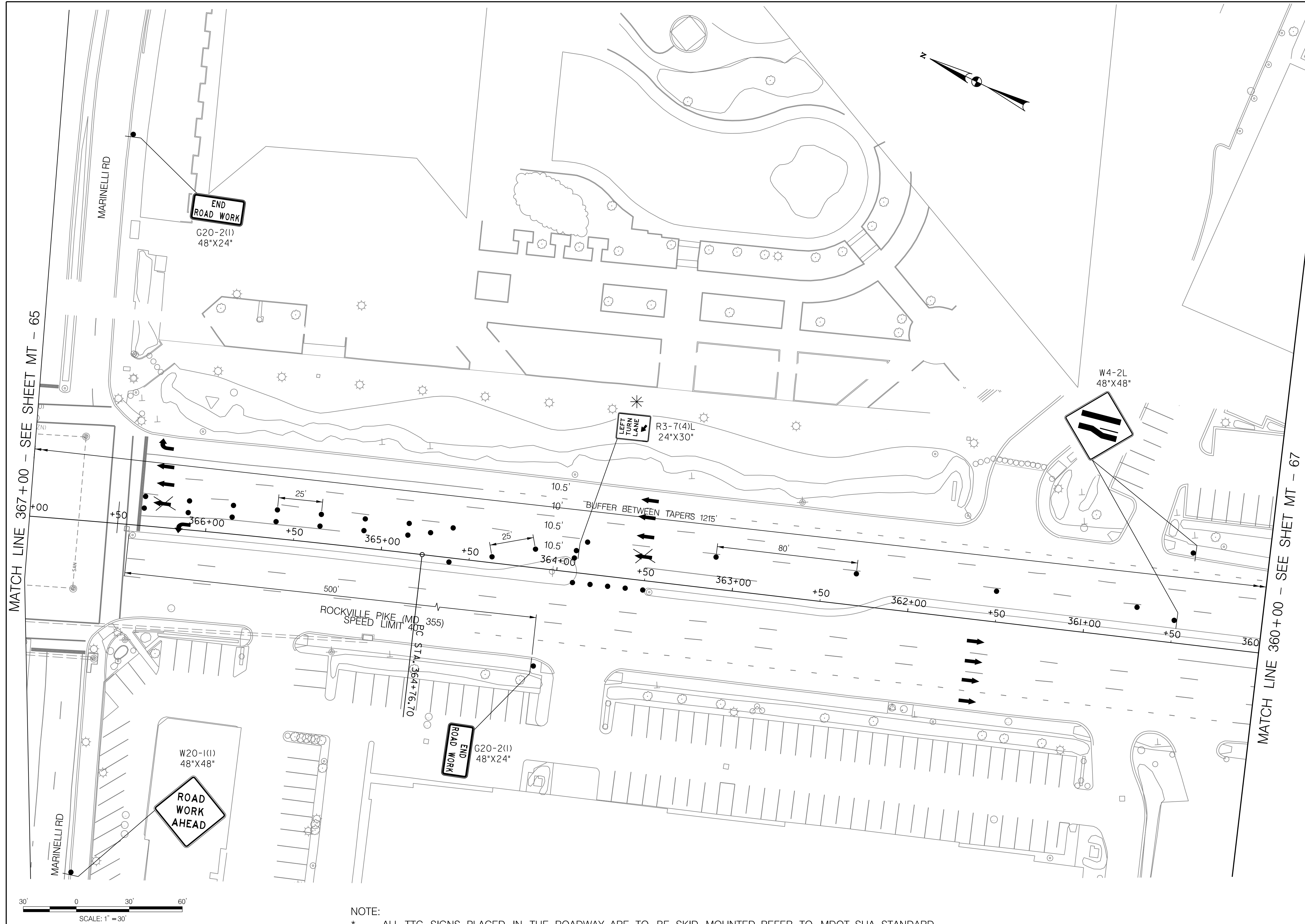
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 5B

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 100 of 157

12/15/2023  
 LA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P513.dgn



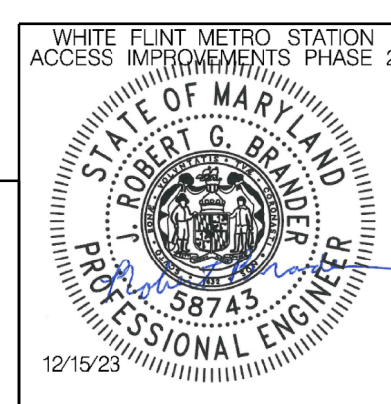
NOTE:  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 66

**WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2**

**MAINTENANCE OF TRAFFIC PLAN  
 PHASE 5B**

SCALE : 1" = 30'      DATE : DECEMBER 2023

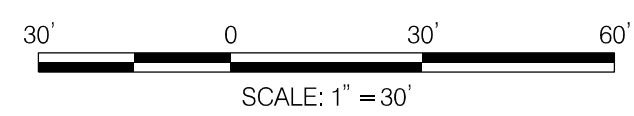
Project No. : 502106      SHEET 101 of 157

12/15/2023  
 U:\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P514.dgn



MATCH LINE 360+00 - SEE SHET MT - 66

MATCH LINE - SEE SHEET MT - 68



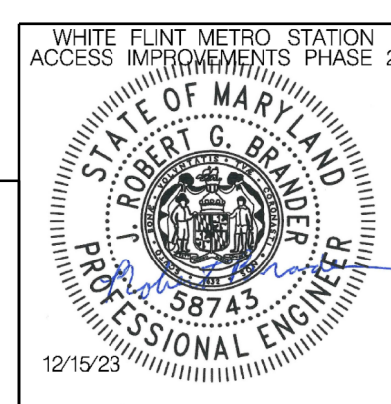
NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering  
 Designed by: RB Drawn by: JM Checked by: RJM

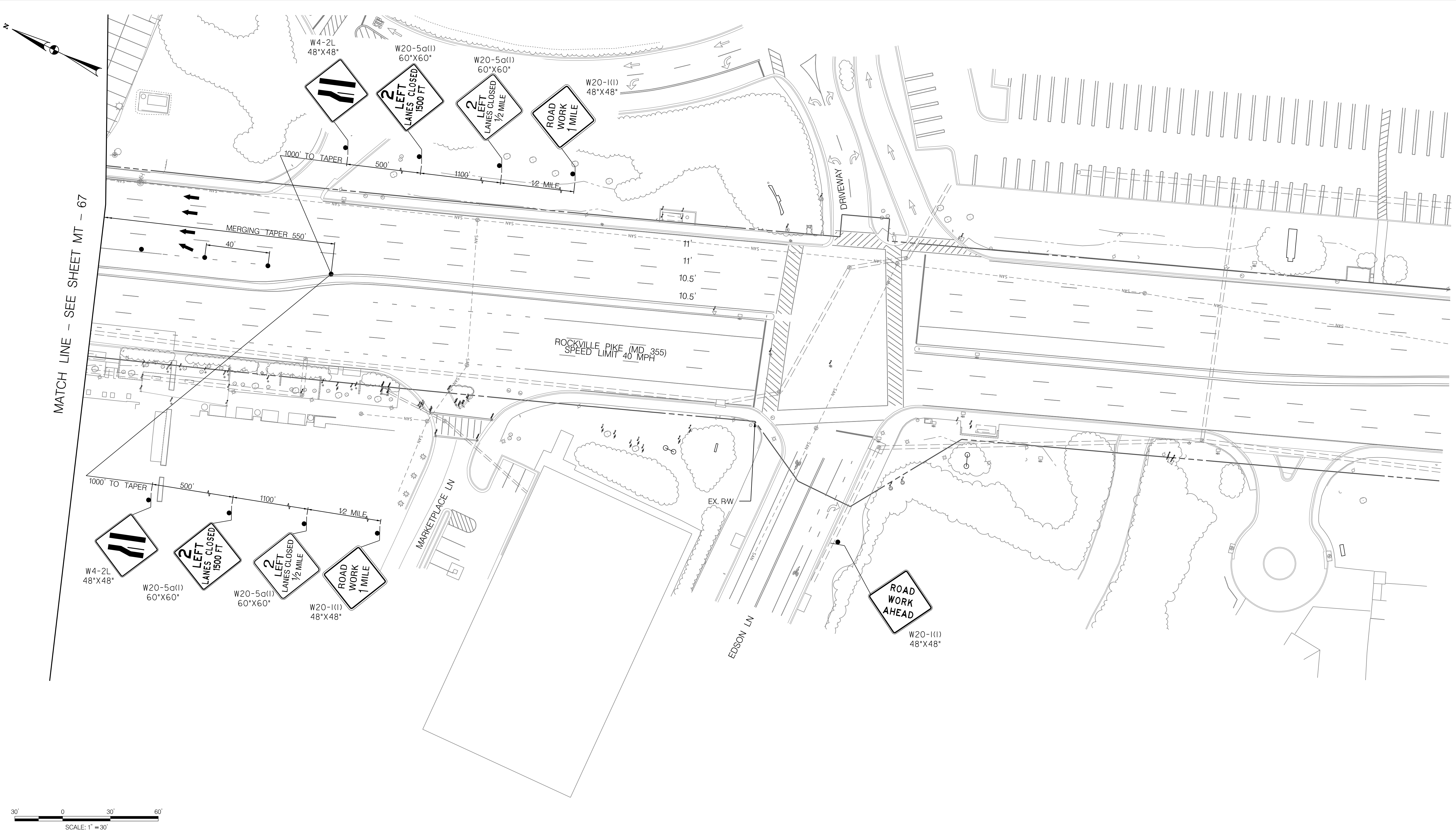
MT - 67

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

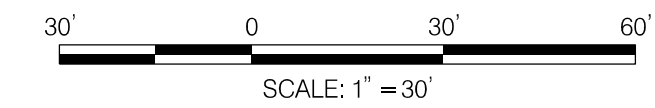
MAINTENANCE OF TRAFFIC PLAN  
 PHASE 5B

SCALE : 1" = 30' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 102 of 157

12/15/2023  
 LA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P515.dgn



MATCH LINE - SEE SHEET MT - 67

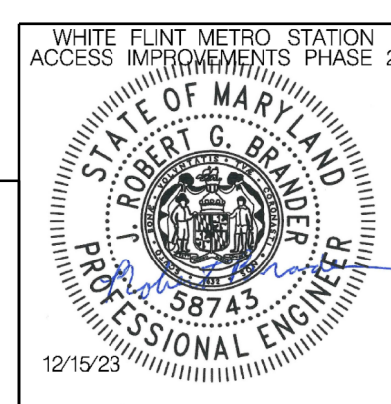


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by : RB Drawn by : JM Checked by : RJM

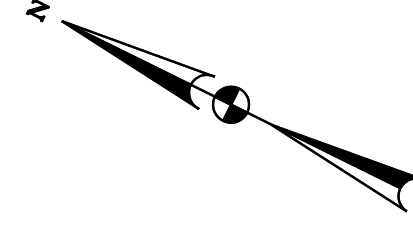
MT - 68

**WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2**

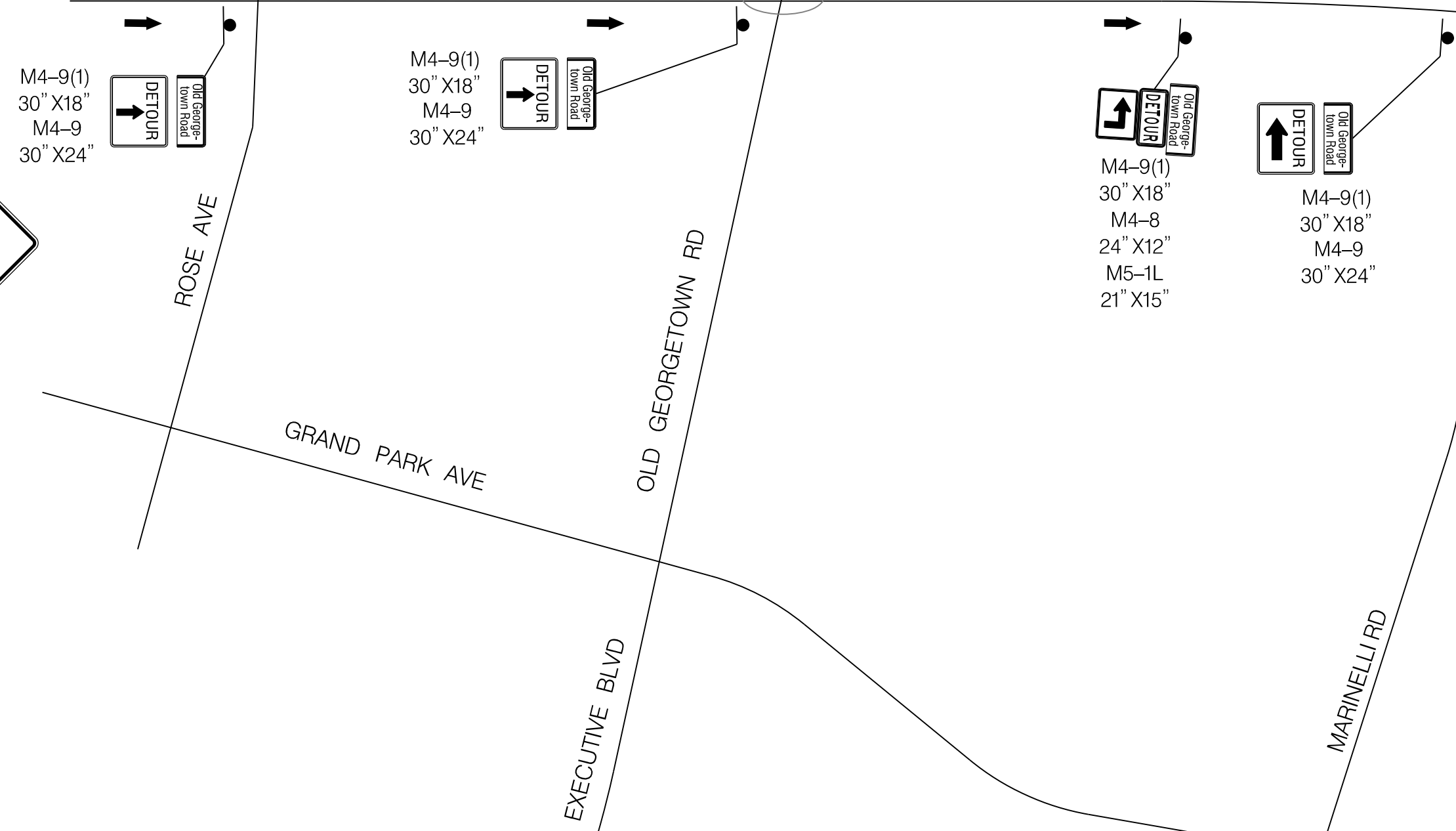
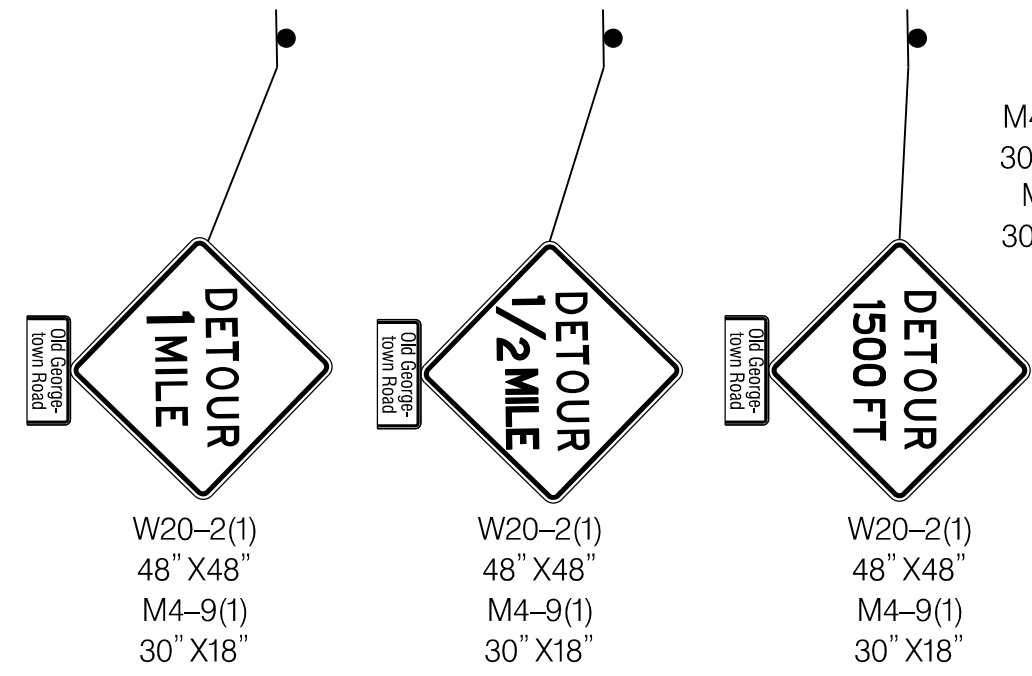
**MAINTENANCE OF TRAFFIC PLAN  
 PHASE 5B**

SCALE : 1" = 30'      DATE : DECEMBER 2023

Project No. : 502106      SHEET 103 of 157



NOTES:  
 1. DETOURS TO FOLLOW STANDARD MD 104.06-05  
 2. REFER TO SHEET MT-64 FOR SIGNAGE AT WORK ZONE

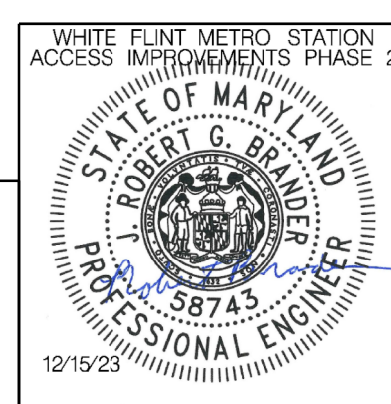


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by : RB Drawn by : JM Checked by : RJM

MT - 69

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 5B DETOUR

SCALE : NTS DATE : DECEMBER 2023

Project No. : 502106 SHEET 104 of 157

12/15/2023 UA 2026213204\700 CADD\701 Sheet\Phase 2\pMT-P516.dgn

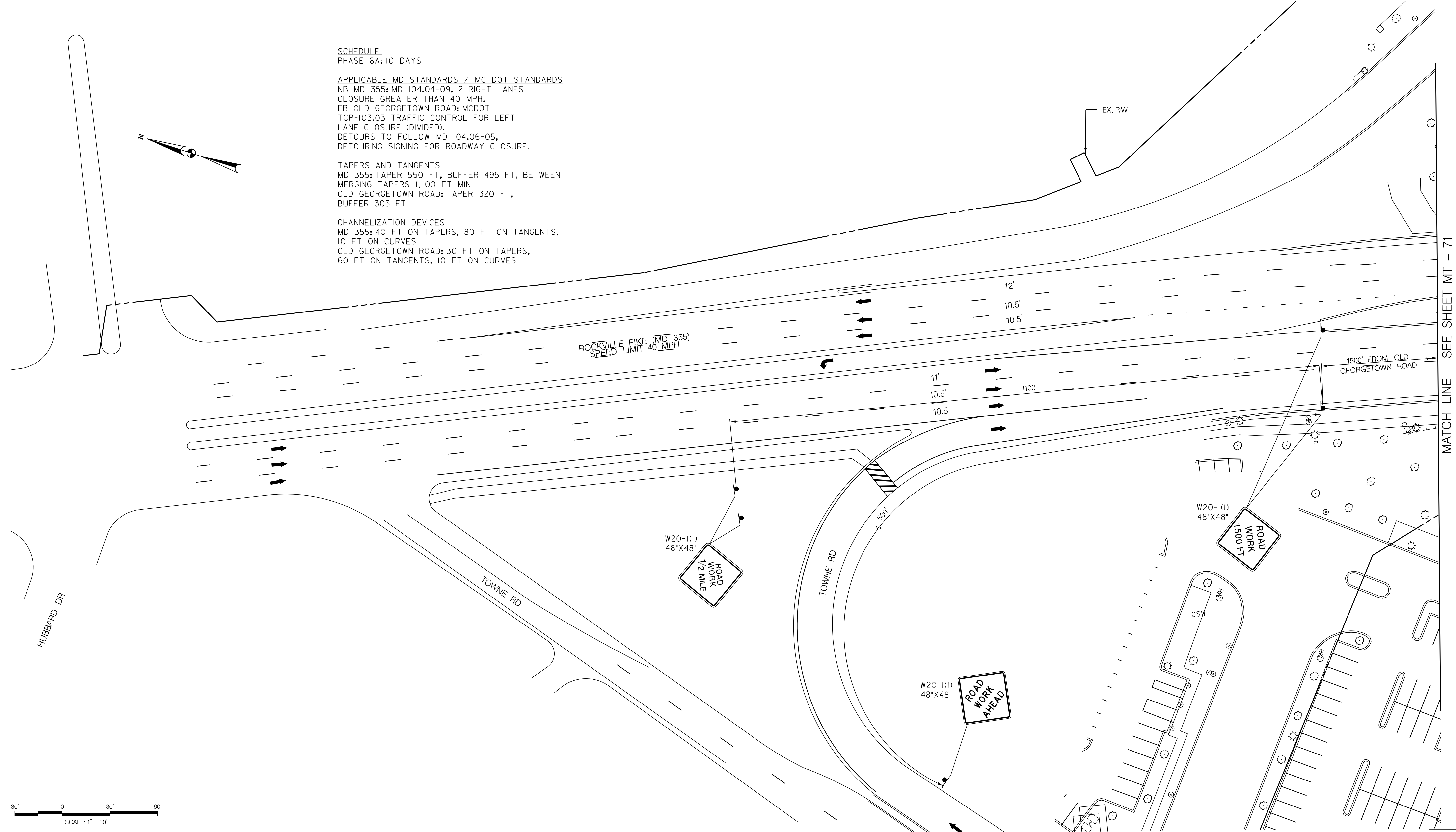
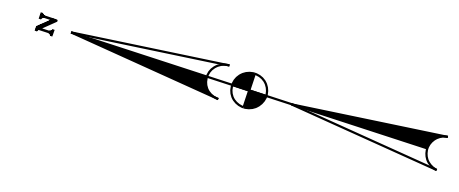


**SCHEDULE**  
 PHASE 6A: 10 DAYS

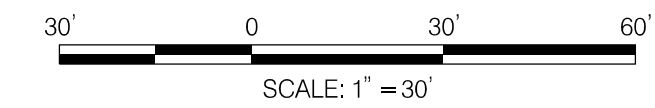
**APPLICABLE MD STANDARDS / MC DOT STANDARDS**  
 NB MD 355: MD 104.04-09, 2 RIGHT LANES  
 CLOSURE GREATER THAN 40 MPH.  
 EB OLD GEORGETOWN ROAD: MCDOT  
 TCP-103.03 TRAFFIC CONTROL FOR LEFT  
 LANE CLOSURE (DIVIDED).  
 DETOURS TO FOLLOW MD 104.06-05,  
 DETOURING SIGNING FOR ROADWAY CLOSURE.

**TAPERS AND TANGENTS**  
 MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN  
 MERGING TAPERS 1,100 FT MIN  
 OLD GEORGETOWN ROAD: TAPER 320 FT,  
 BUFFER 305 FT

**CHANNELIZATION DEVICES**  
 MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS,  
 10 FT ON CURVES  
 OLD GEORGETOWN ROAD: 30 FT ON TAPERS,  
 60 FT ON TANGENTS, 10 FT ON CURVES



MATCH LINE - SEE SHEET MT - 71

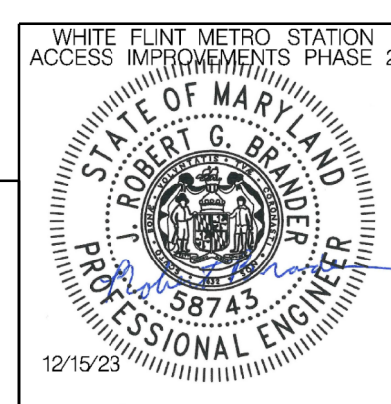


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 70

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

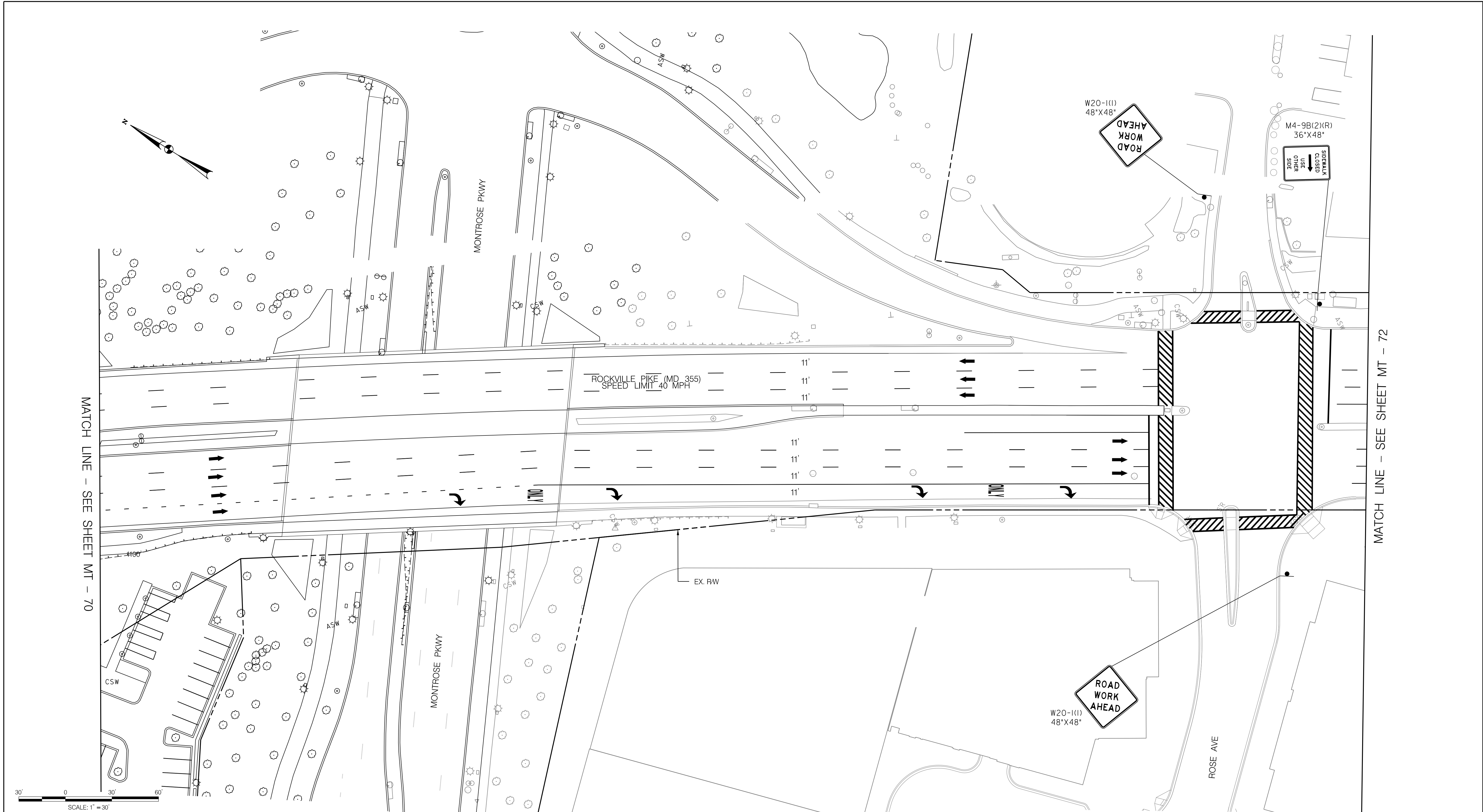
MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6A

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 105 of 157

12/15/2023 U:\2026\213204\700 CADD\701 Sheet\Phase 2\PMIT-P601.dgn

12/15/2023  
 U:\2026\213204\700 CADD\701 Sheet\Phase 2\pMT-P602.dgn



**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR




**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 952-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

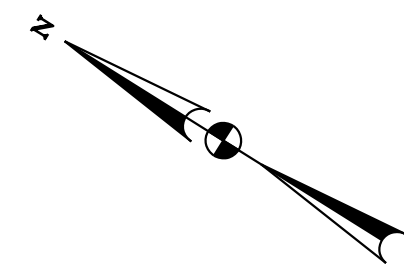
RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by : RB Drawn by : JM Checked by : RJM

MT - 71

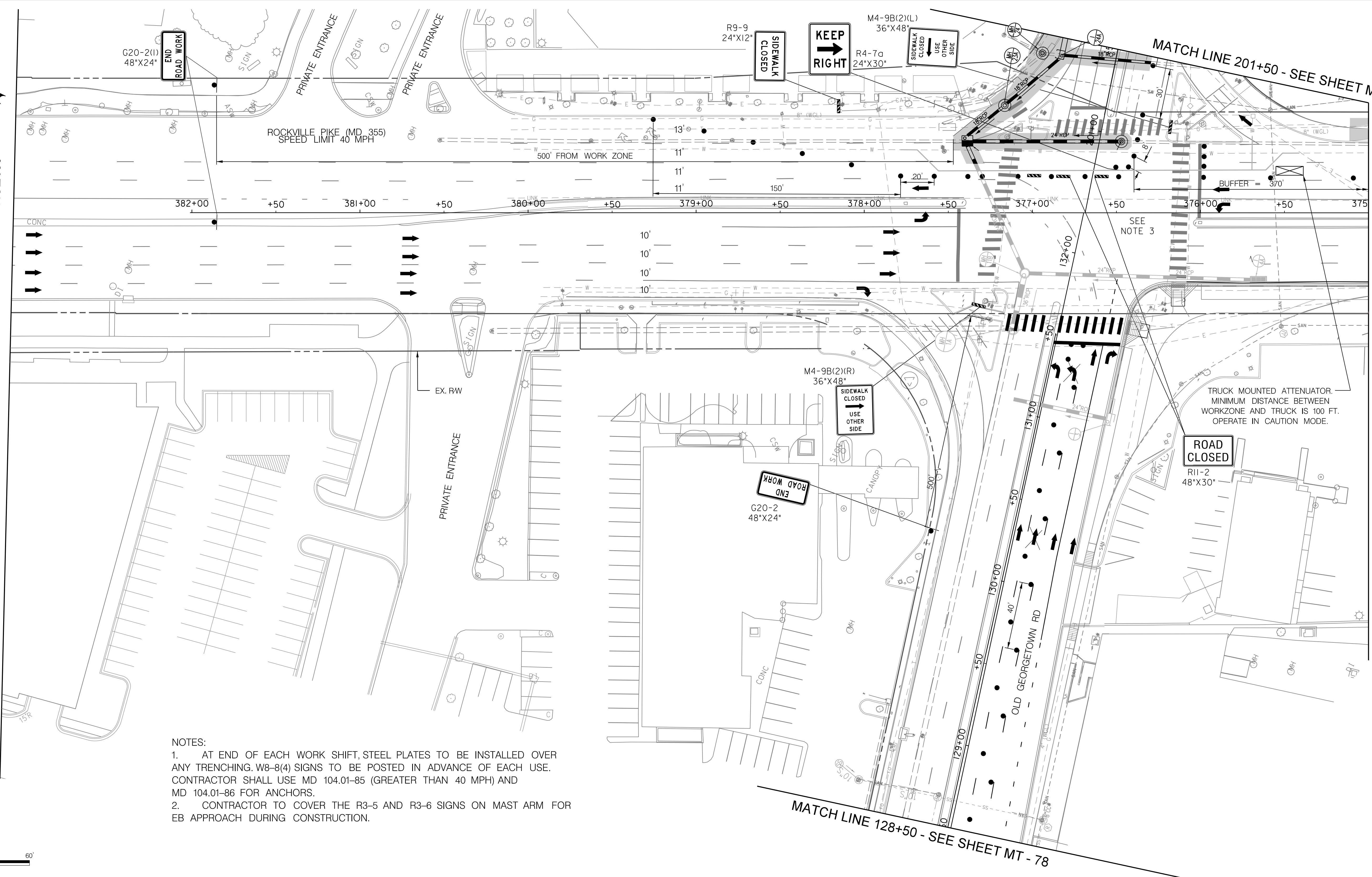
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6A

SCALE : 1" = 30' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 106 of 157



MATCH LINE - SEE SHEET MT - 71

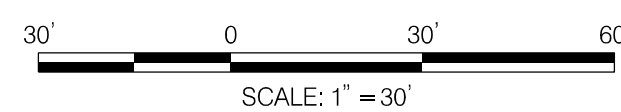


MATCH LINE 375+00 - SEE SHEET MT - 73

MATCH LINE 201+50 - SEE SHEET MT - 79

MATCH LINE 128+50 - SEE SHEET MT - 78

- NOTES:
1. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.
  2. CONTRACTOR TO COVER THE R3-5 AND R3-6 SIGNS ON MAST ARM FOR EB APPROACH DURING CONSTRUCTION.

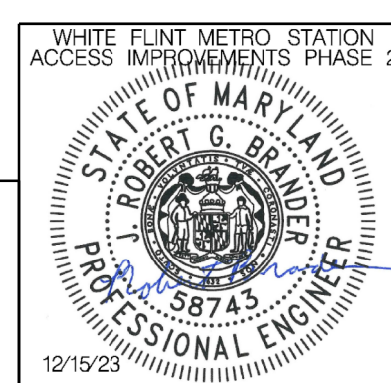


LEGEND

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Design Section  
APPROVED  
SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Division of Transportation Engineering  
Designed by: RB Drawn by: JM Checked by: RJM

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
PHASE 6A

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 107 of 157

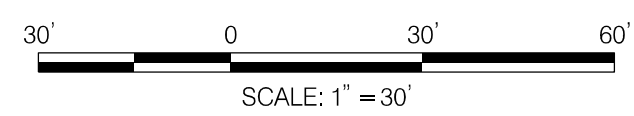
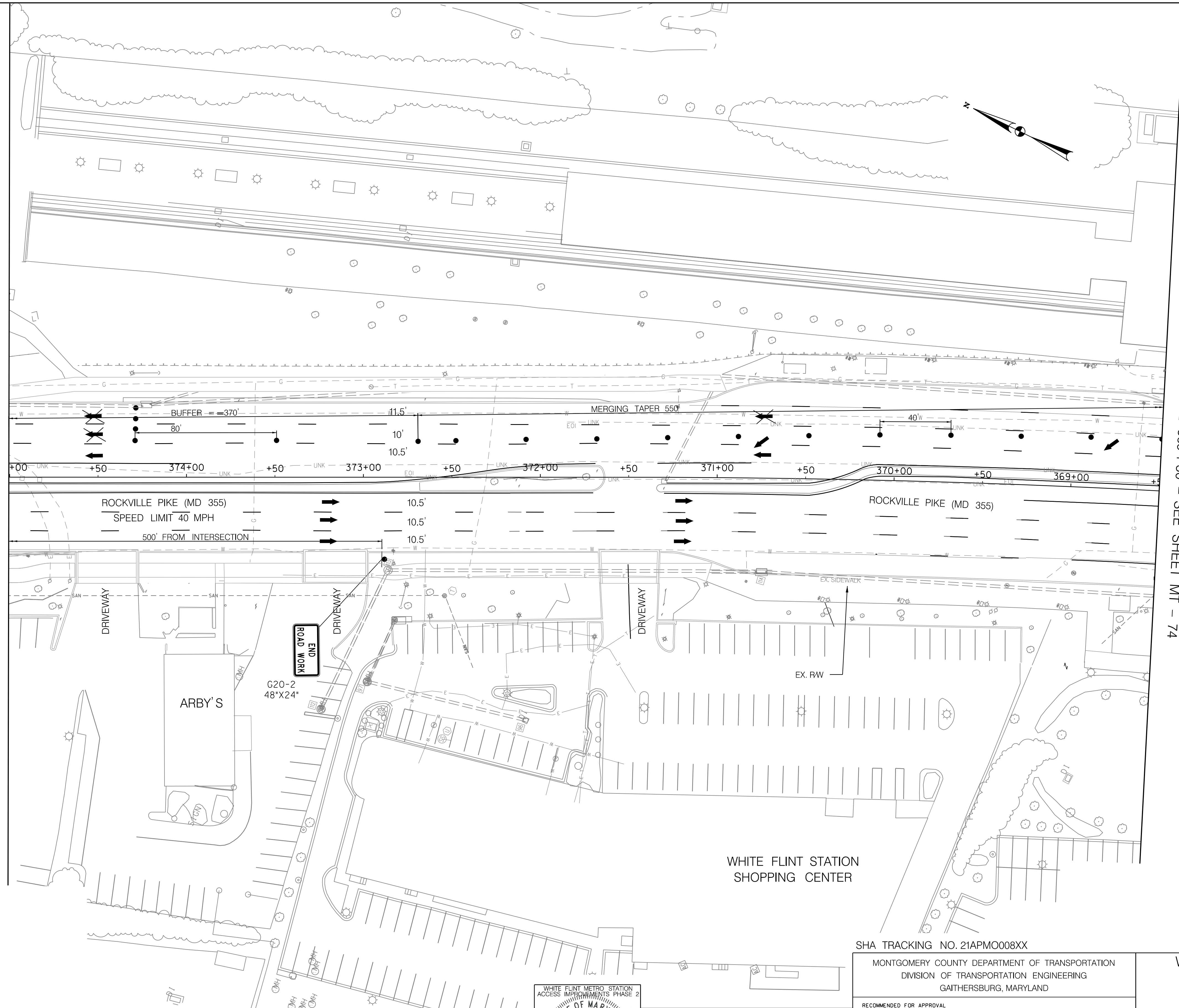
MT - 72

12/15/2023 UA:2026213204\700 CADD\701 Sheet\Phase 2\pMT-P603.dgn

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P604.dgn

MATCH LINE 375+00 - SEE SHEET MT - 72

MATCH LINE 369+50 - SEE SHEET MT - 74

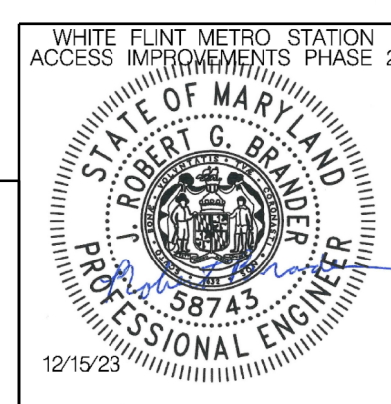


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 73

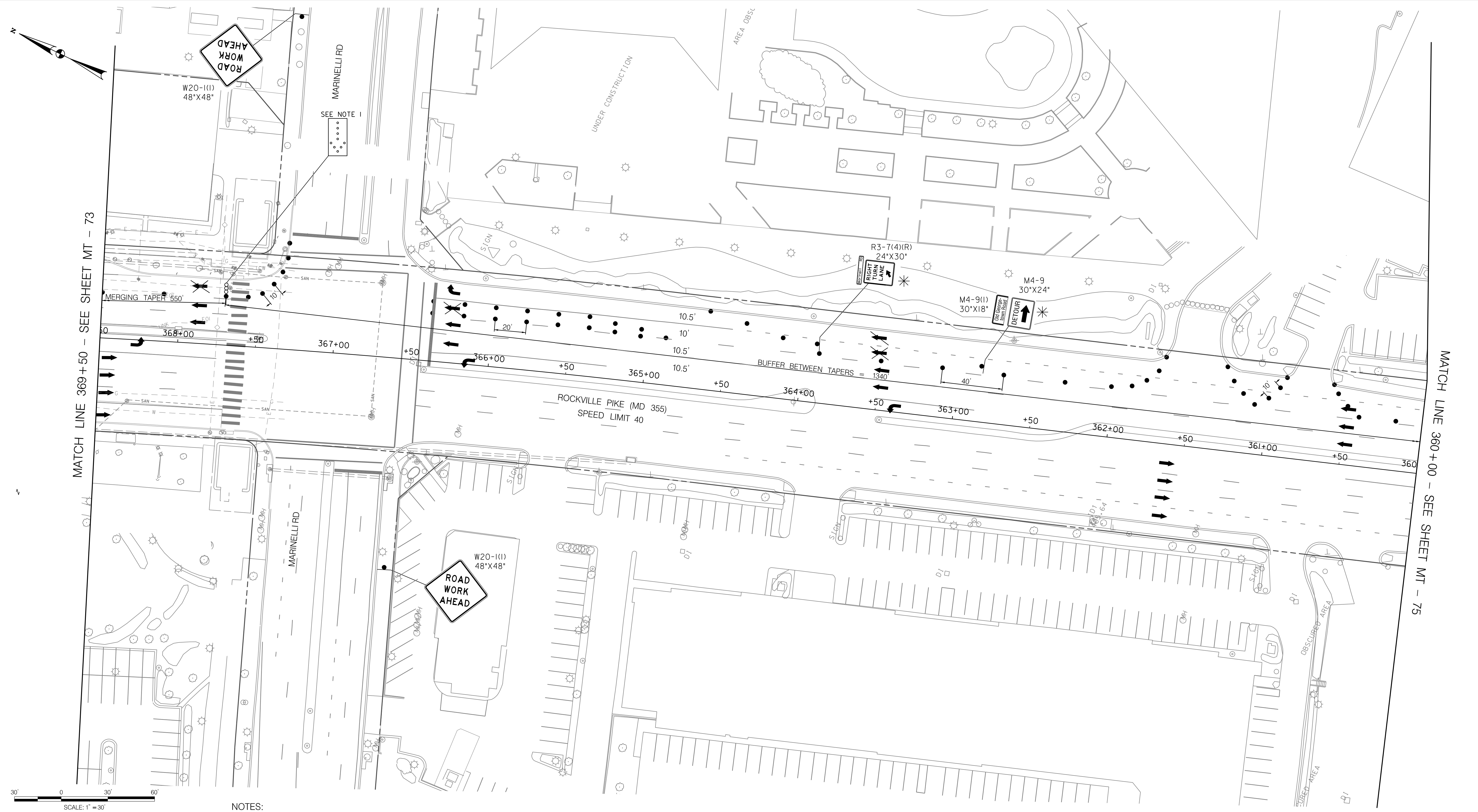
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6A

SCALE : 1" = 30' DATE : DECEMBER 2023

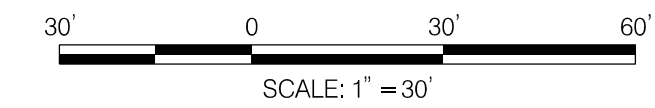
Project No. : 502106 SHEET 108 of 157

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\PMIT-P605.dgn



MATCH LINE 369+50 - SEE SHEET MT - 73

MATCH LINE 360+00 - SEE SHEET MT - 75



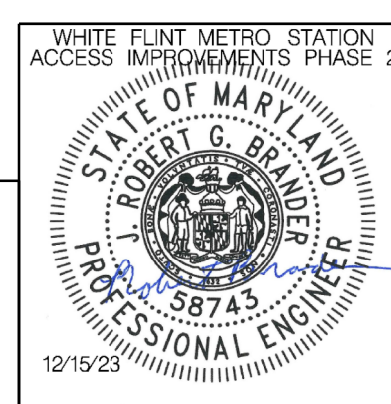
**NOTES:**  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 74

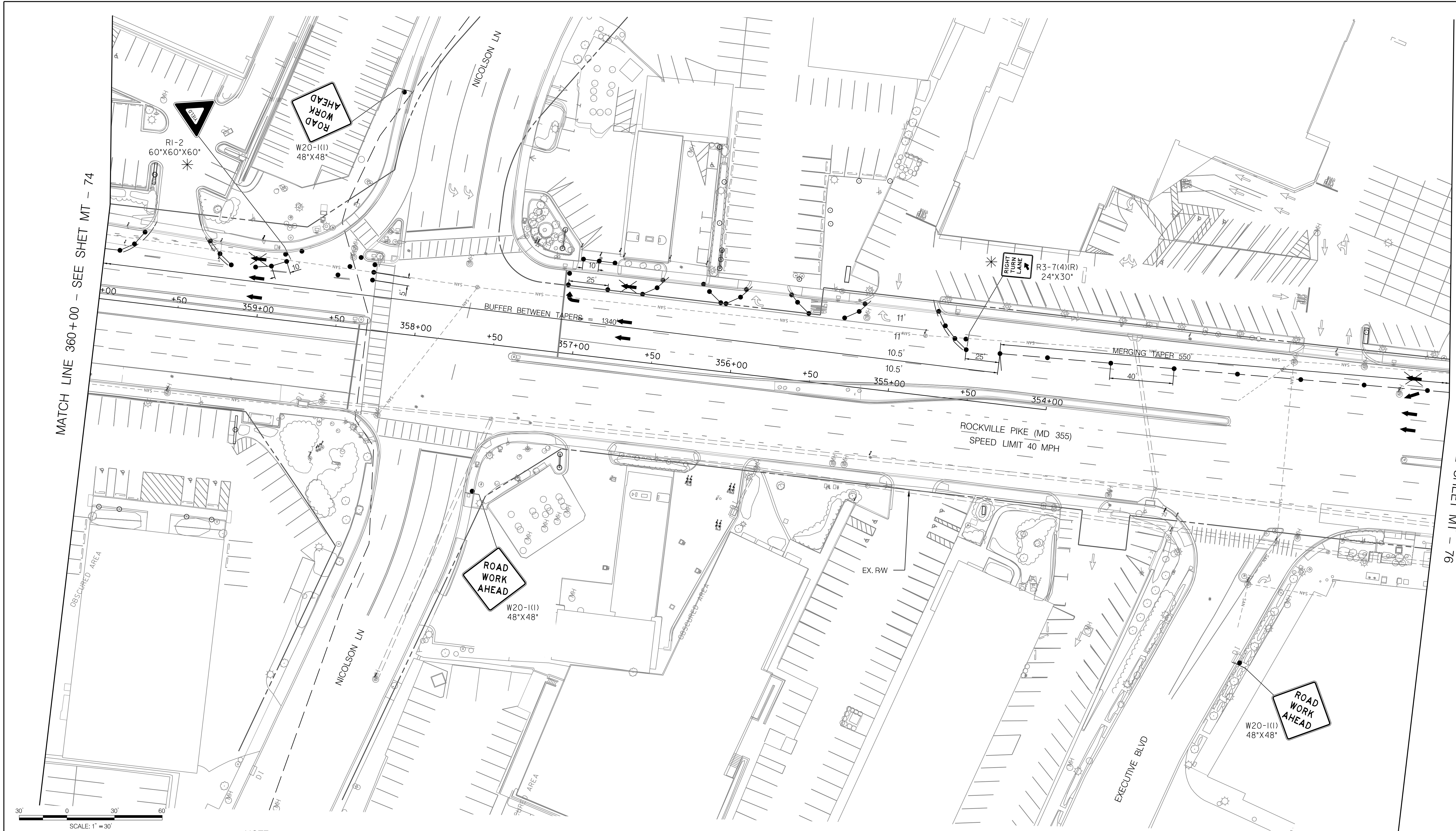
**WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2**

**MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6A**

SCALE : 1" = 30'      DATE : DECEMBER 2023

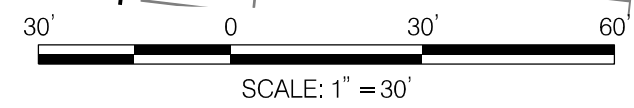
Project No. : 502106      SHEET 109 of 157

12/15/2023  
 LA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P606.dgn



MATCH LINE 360+00 - SEE SHET MT - 74

MATCH LINE - SEE SHEET MT - 76



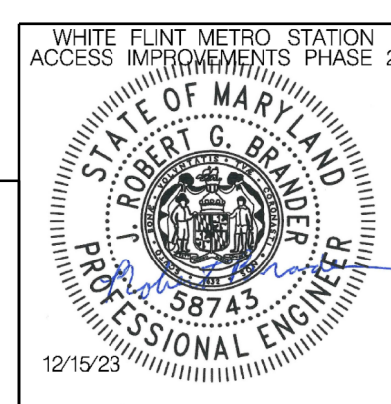
NOTE:  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by: RB Drawn by: JM Checked by: RJM

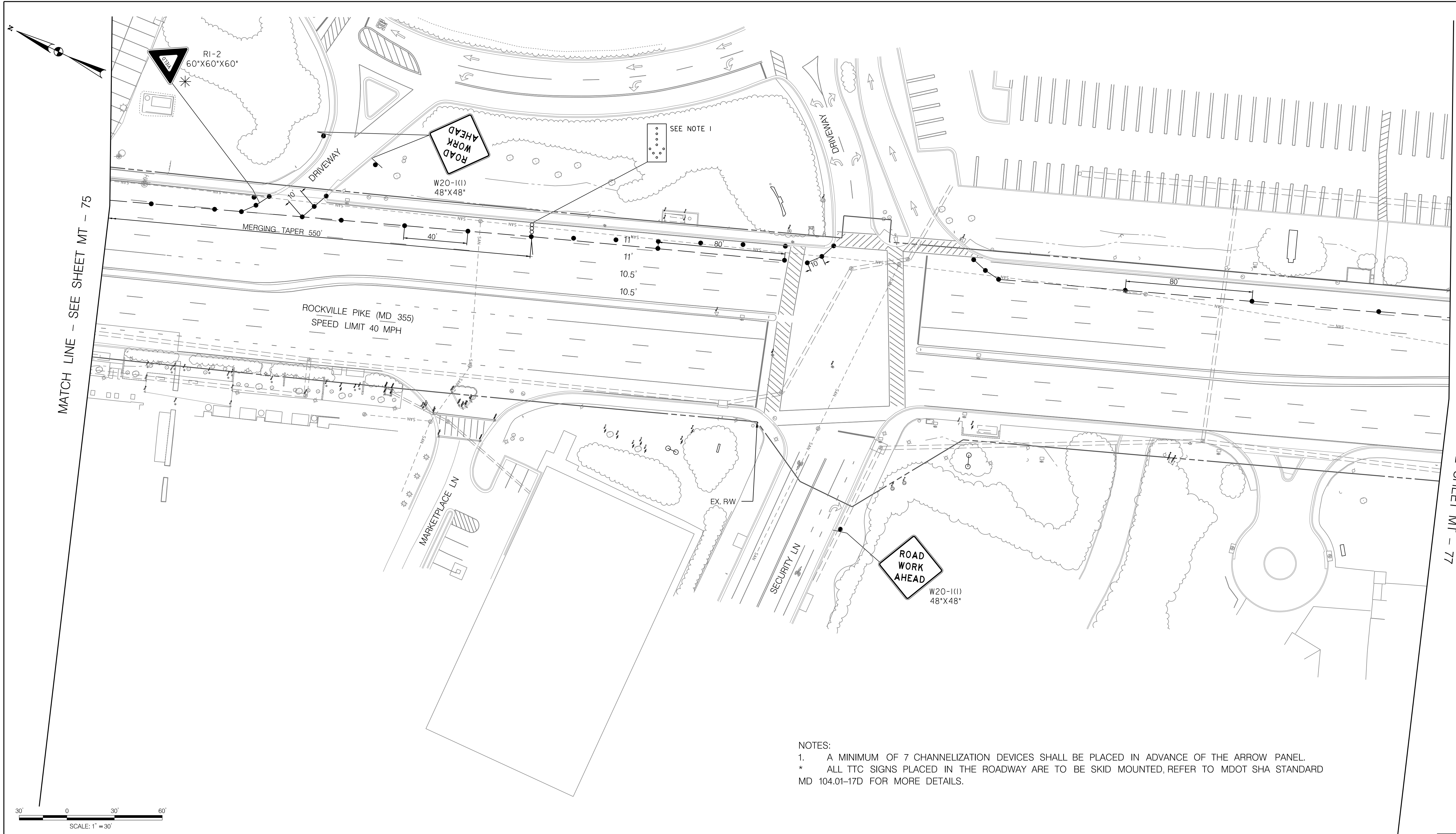
MT - 75

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6A

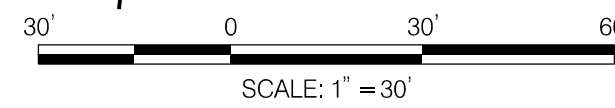
SCALE : 1" = 30' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 110 of 157

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P607.dgn



MATCH LINE - SEE SHEET MT - 75

MATCH LINE - SEE SHEET MT - 77



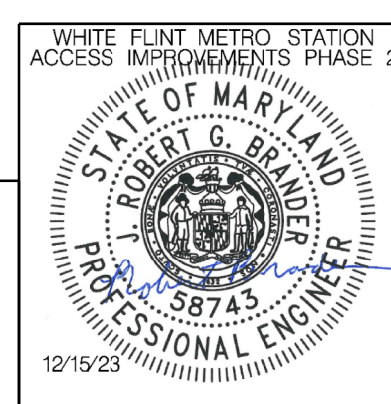
**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 76

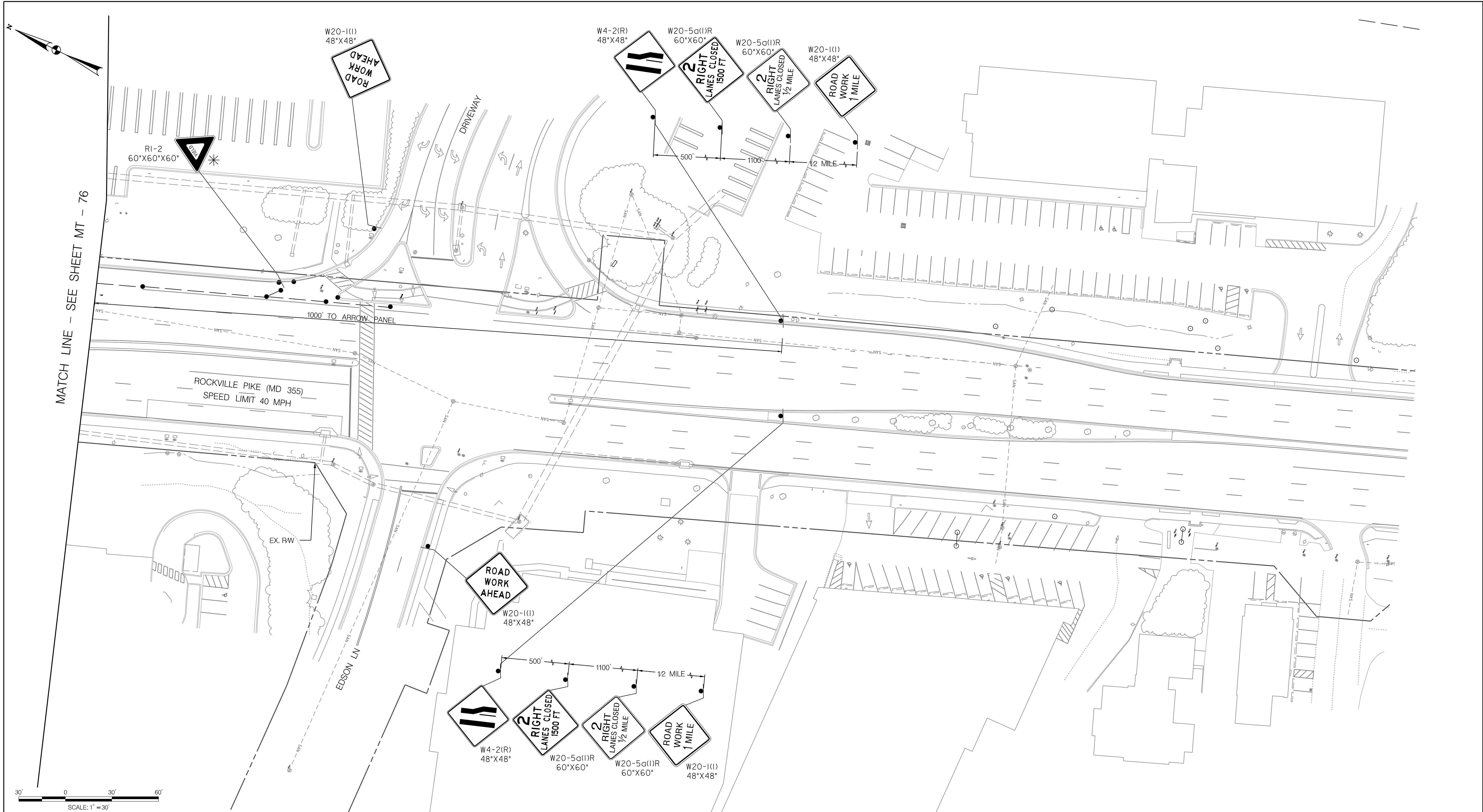
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6A

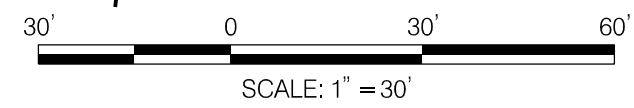
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 111 of 157

12/15/2023  
LA\2026213204\700 CADD\701 Sheet\Phase 2\PMIT-P608.dgn



MATCH LINE - SEE SHEET MT - 76



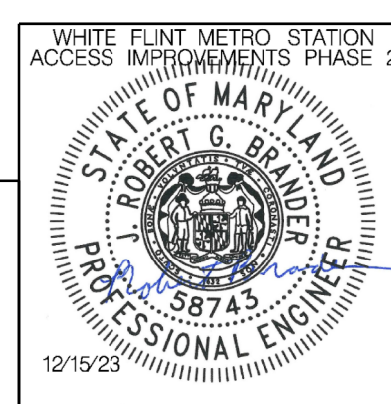
**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

NOTE:  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by : RB Drawn by : JM Checked by : RJM

MT - 77

**WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2**

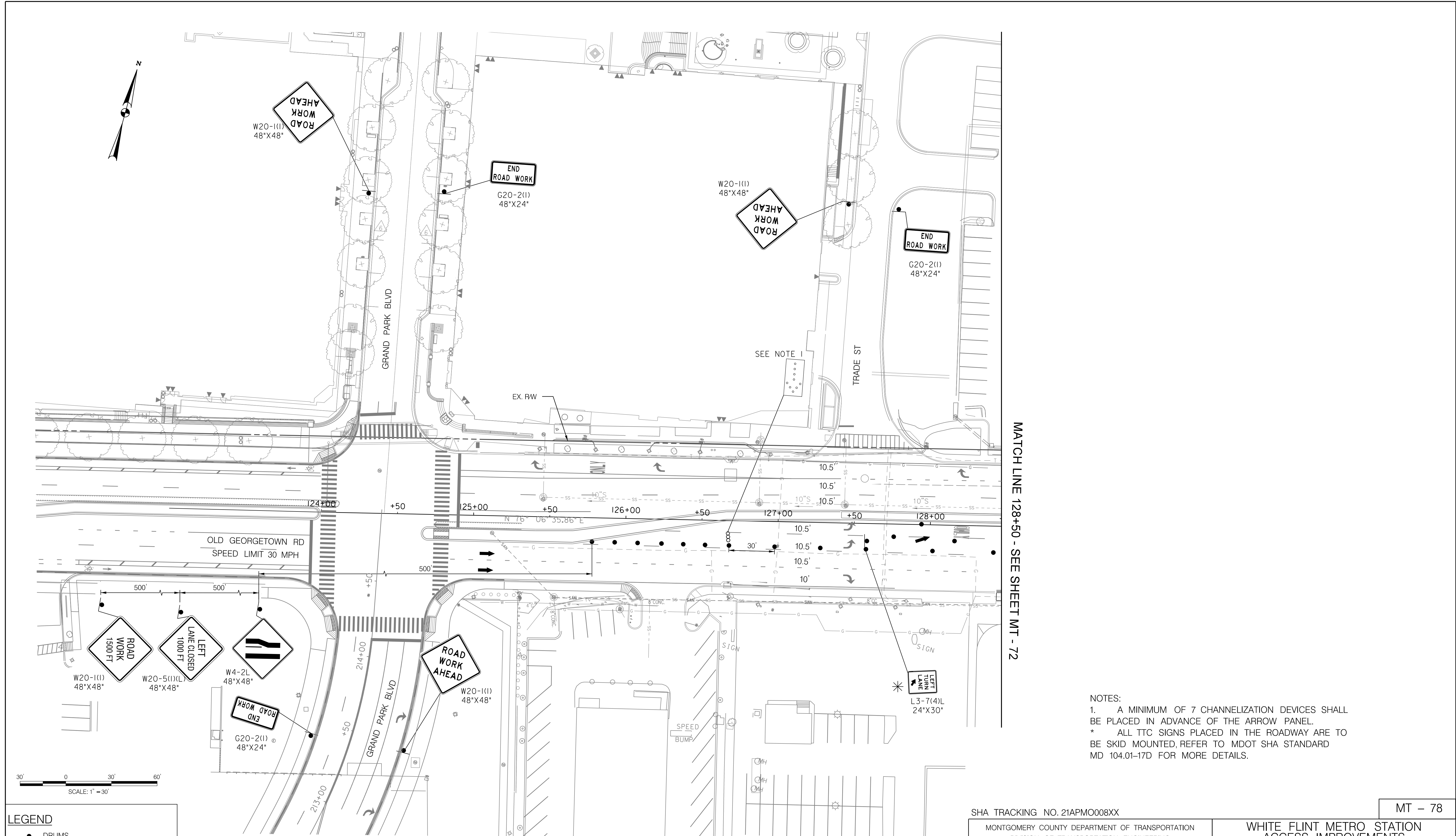
**MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6A**

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 112 of 157



12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P609.dgn

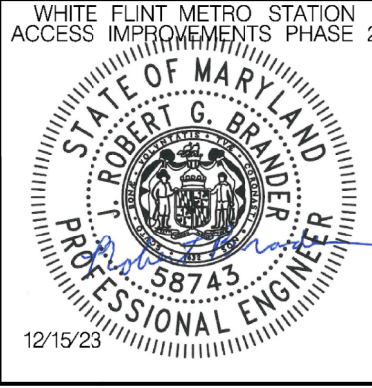


**LEGEND**

- DRUMS
- ⬆ TEMPORARY SIGN AND SUPPORT
- ➔ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 78

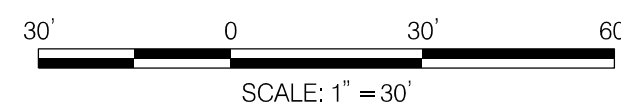
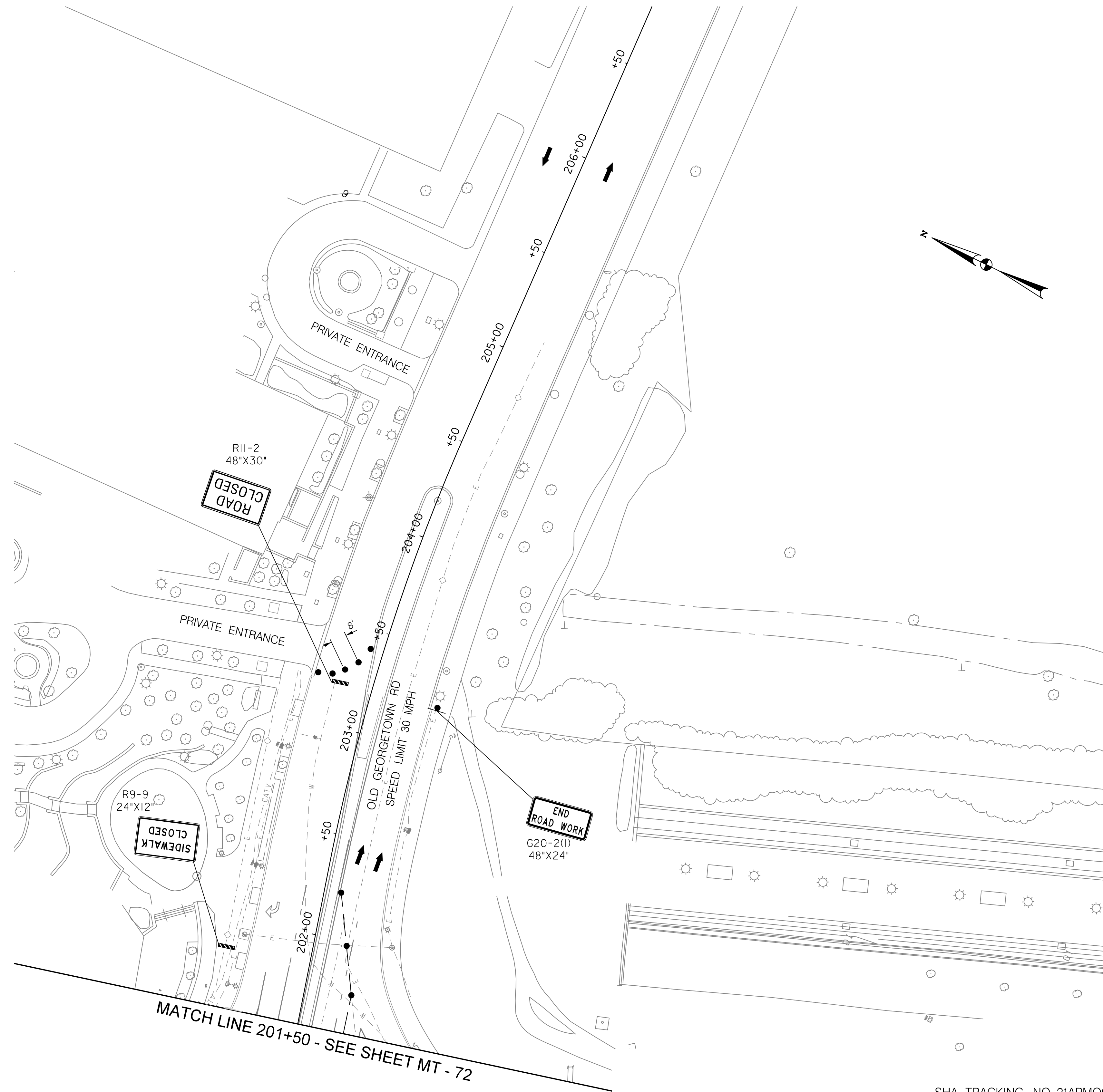
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6A

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 113 of 157

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P610.dgn

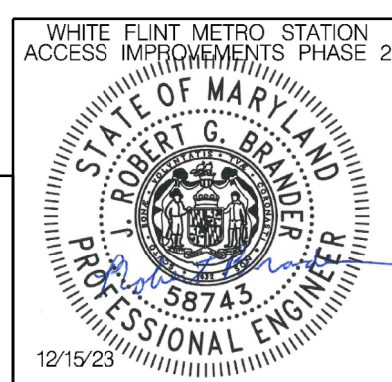


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by : RB Drawn by : JM Checked by : RJM

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6A

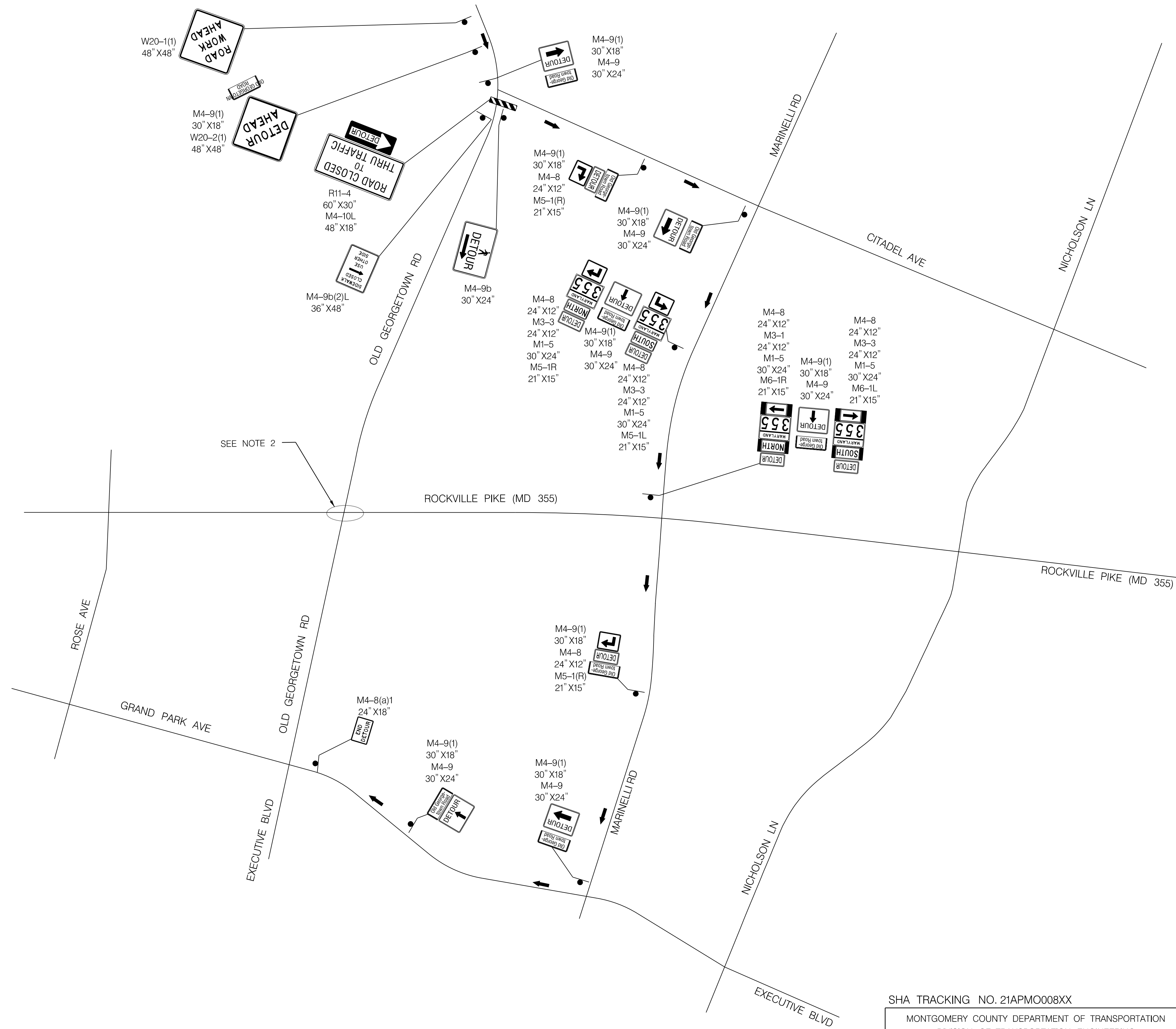
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 114 of 157

MT - 79

12/15/2023  
 UA\_2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-80.dgn

NOTES:  
 1. DETOURS TO FOLLOW STANDARD MD 104.06-05  
 2. REFER TO SHEET MT-72 FOR SIGNAGE AT WORK ZONE

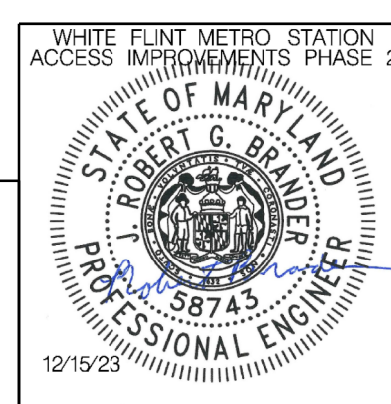


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ↔ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 952-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

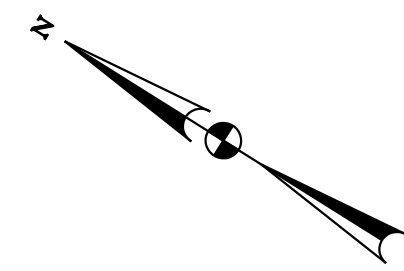
MT - 80

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6A DETOUR

SCALE : NTS 30' DATE : DECEMBER 2023

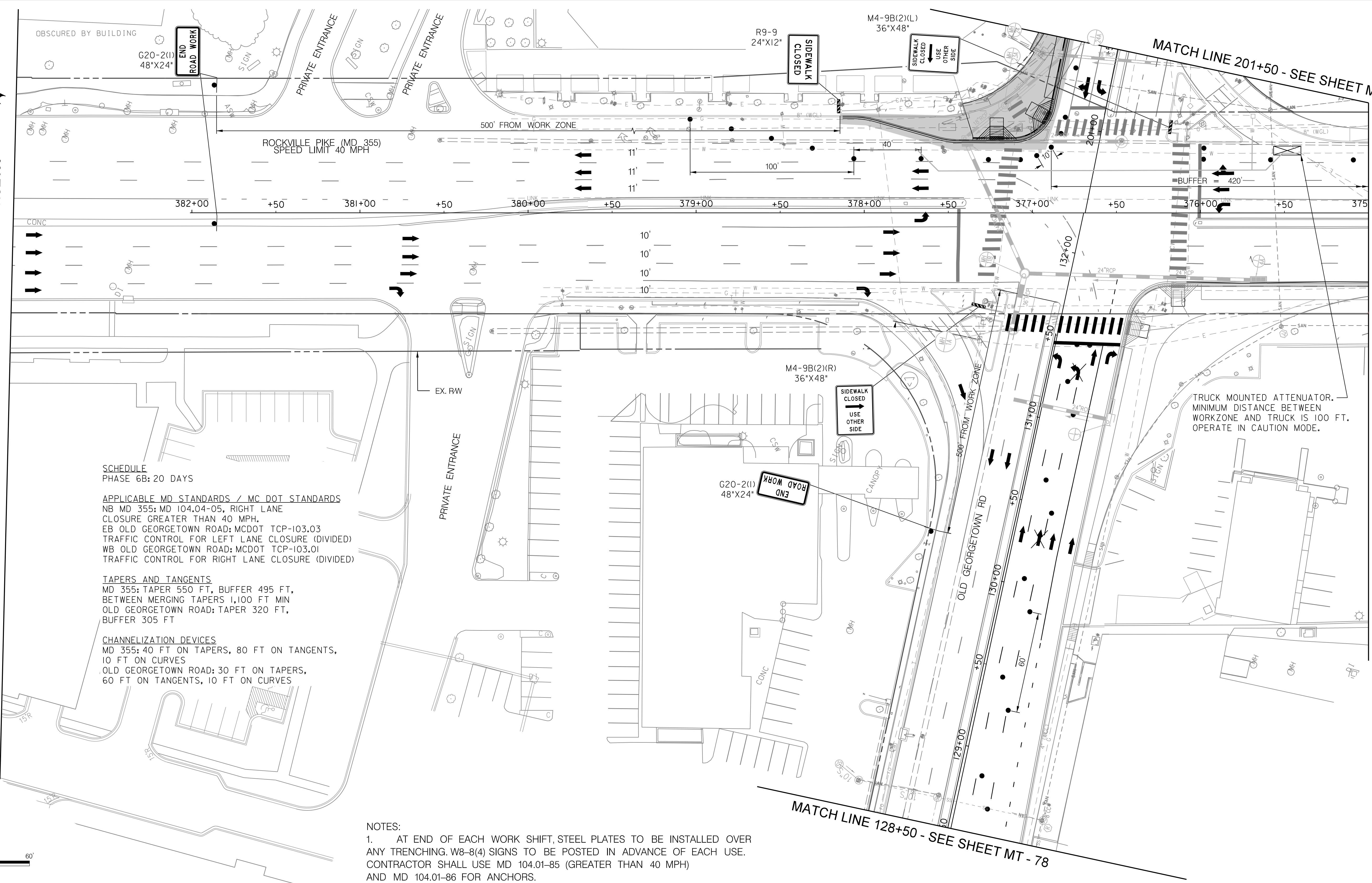
Project No. : 502106 SHEET 115 of 157



MATCH LINE - SEE SHEET MT - 71

MATCH LINE 201+50 - SEE SHEET MT - 84

MATCH LINE 375+00 - SEE SHEET MT - 82



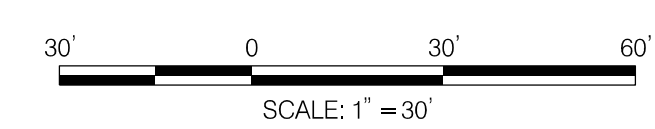
SCHEDULE  
PHASE 6B: 20 DAYS

APPLICABLE MD STANDARDS / MC DOT STANDARDS  
NB MD 355: MD 104.04-05, RIGHT LANE CLOSURE GREATER THAN 40 MPH.  
EB OLD GEORGETOWN ROAD: MCDOT TCP-103.03 TRAFFIC CONTROL FOR LEFT LANE CLOSURE (DIVIDED)  
WB OLD GEORGETOWN ROAD: MCDOT TCP-103.01 TRAFFIC CONTROL FOR RIGHT LANE CLOSURE (DIVIDED)

TAPERS AND TANGENTS  
MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN MERGING TAPERS 1,100 FT MIN  
OLD GEORGETOWN ROAD: TAPER 320 FT, BUFFER 305 FT

CHANNELIZATION DEVICES  
MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS, 10 FT ON CURVES  
OLD GEORGETOWN ROAD: 30 FT ON TAPERS, 60 FT ON TANGENTS, 10 FT ON CURVES

NOTES:  
1. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.

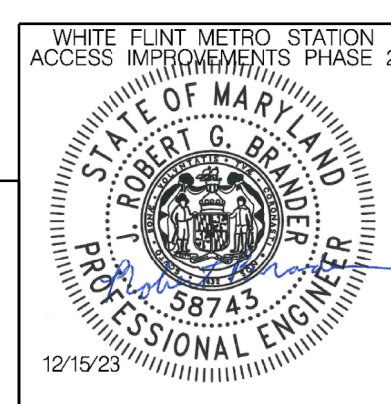


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RB Drawn by: JM Checked by: RJM

MT - 81

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
PHASE 6B

SCALE : 1" = 30' DATE : DECEMBER 2023

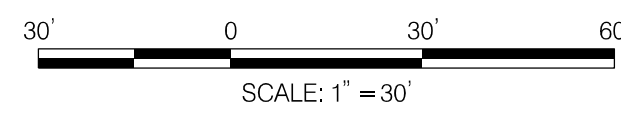
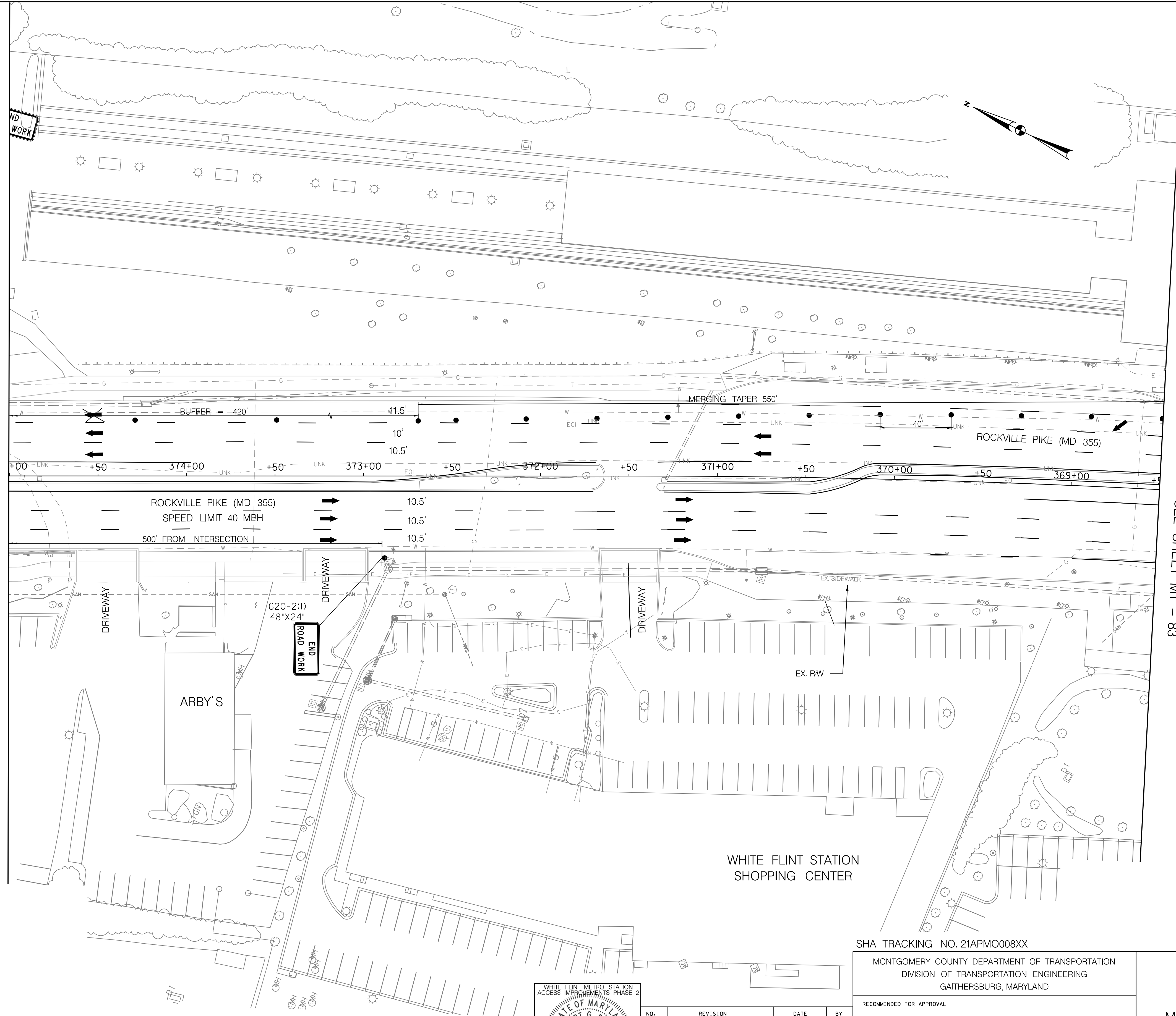
Project No. : 502106 SHEET 116 of 157

12/15/2023 UA:2026213204\700 CADD\701 Sheet\Phase 2\pMT-P612.dgn

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P613.dgn

MATCH LINE 375+00 - SEE SHEET MT - 81

MATCH LINE 369+50 - SEE SHEET MT - 83

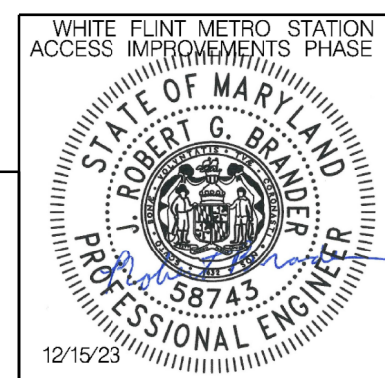


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 82

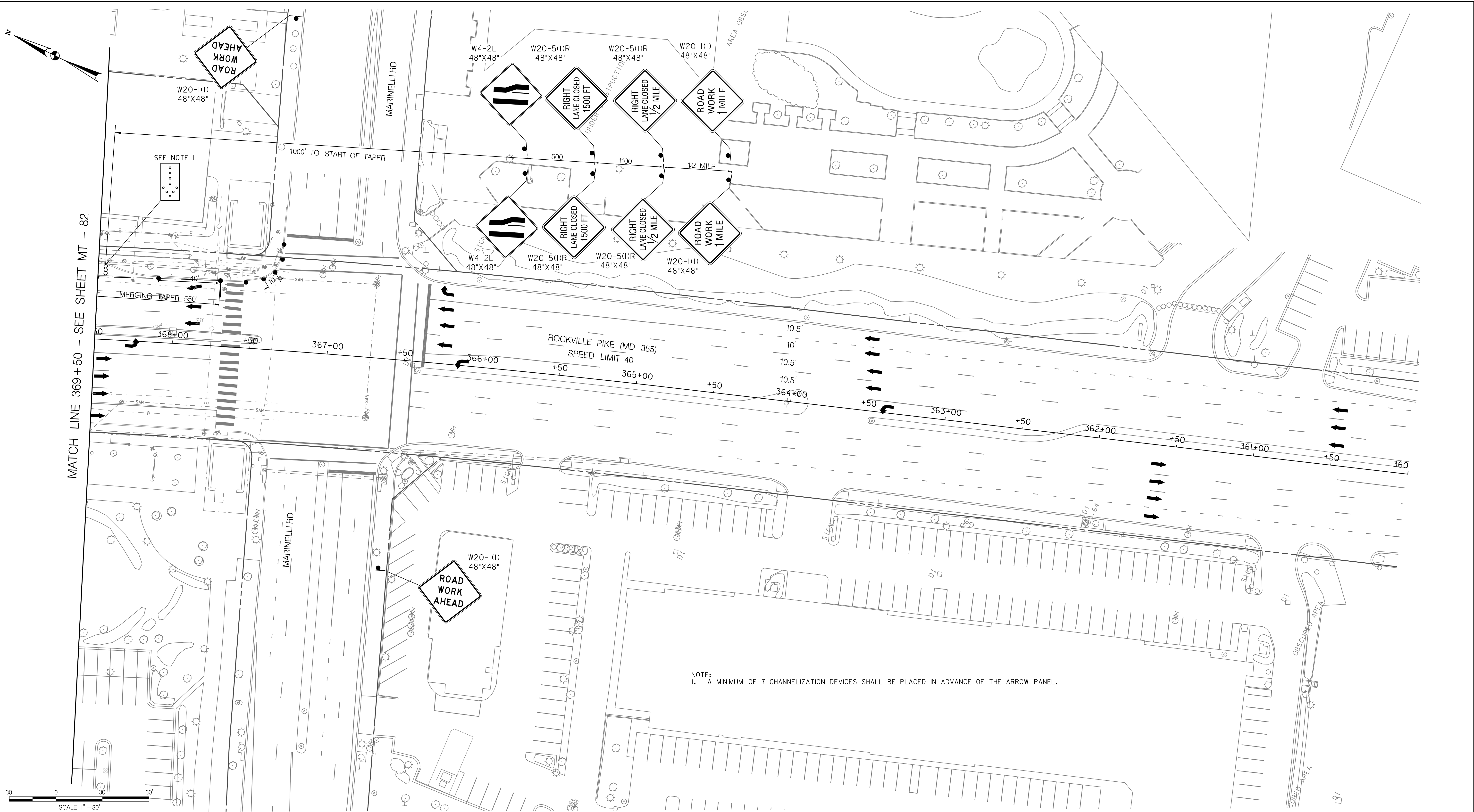
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6B

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 117 of 157

12/15/2023 10:26:21 AM CADD\701\_Sheet\Phase 2\PMIT-P6(4).dgn

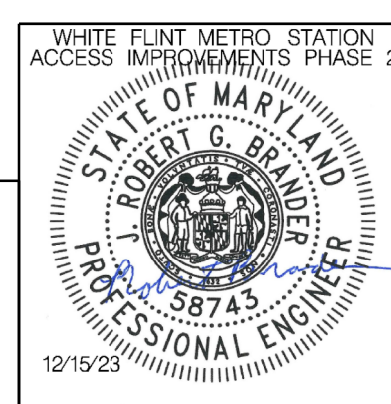


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2900  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
OF MARYLAND.  
LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

MT - 83

**WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2**

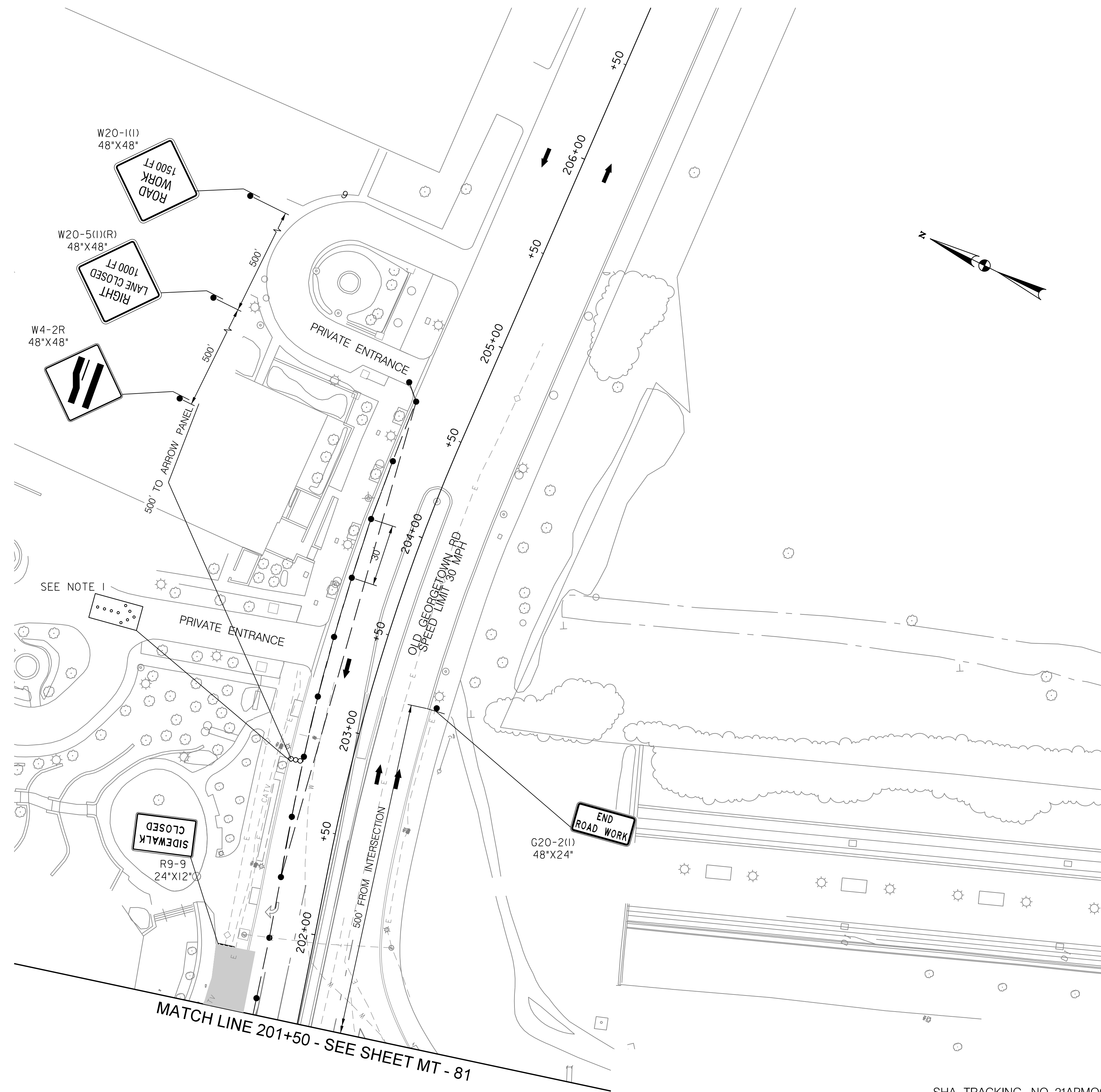
**MAINTENANCE OF TRAFFIC PLAN  
PHASE 6B**

SCALE : 1" = 30'      DATE : DECEMBER 2023

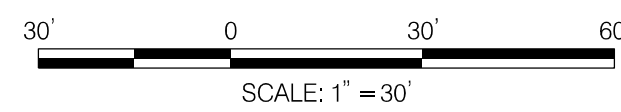
Project No. : 502106      SHEET 118 of 157

NOTE:  
1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P615.dgn



NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.

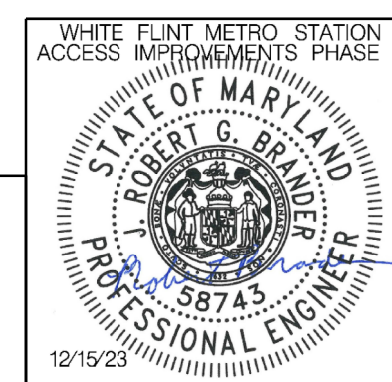


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by : RB Drawn by : JM Checked by : RJM

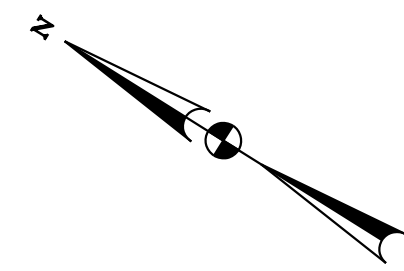
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6B

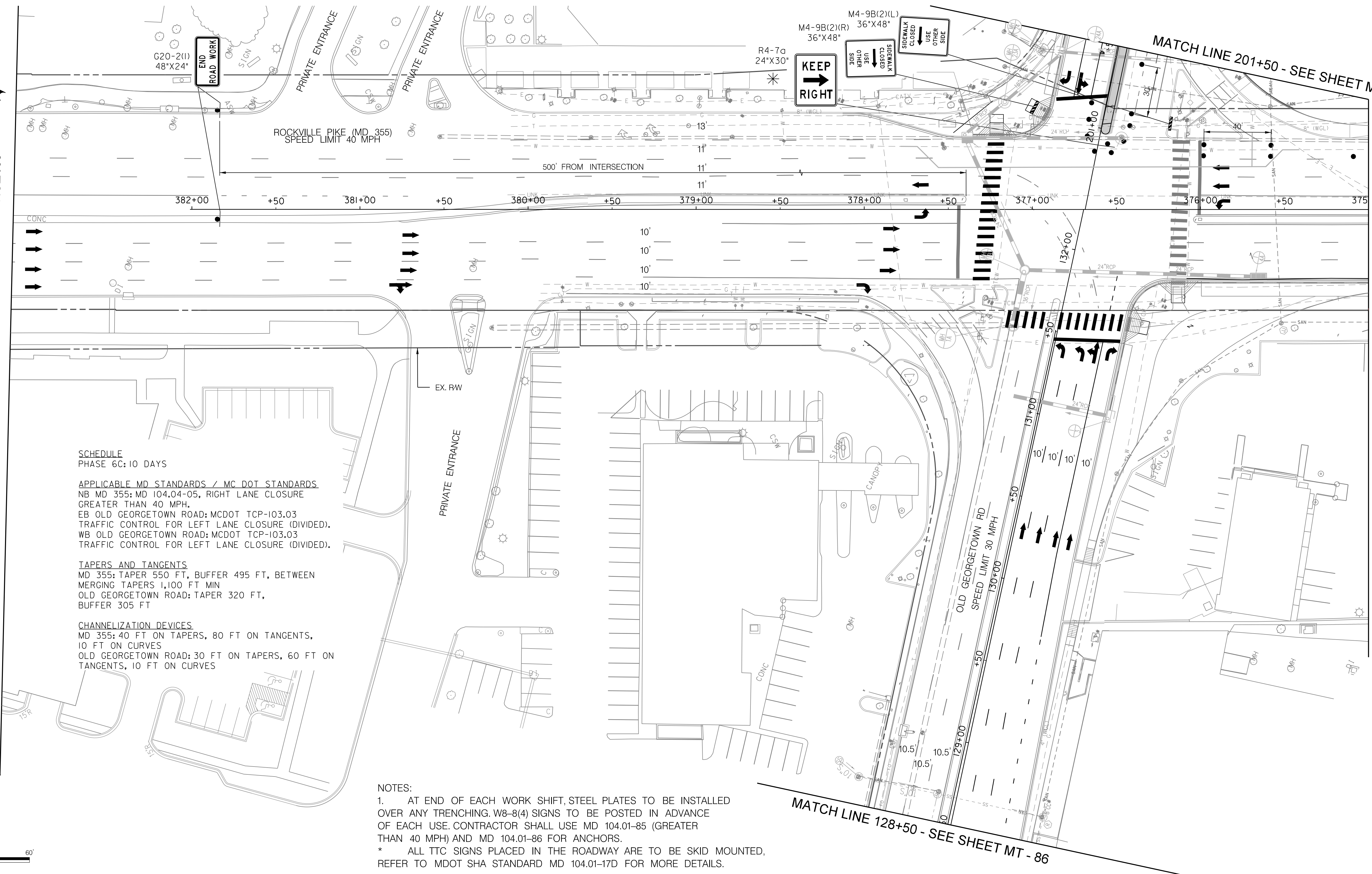
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 119 of 157

MT - 84



MATCH LINE - SEE SHEET MT - 71



MATCH LINE 201+50 - SEE SHEET MT - 87

MATCH LINE 375+00 - SEE SHEET MT - 82

MATCH LINE 128+50 - SEE SHEET MT - 86

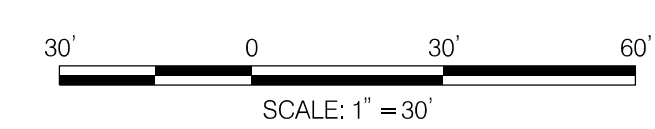
**SCHEDULE**  
 PHASE 6C: 10 DAYS

**APPLICABLE MD STANDARDS / MC DOT STANDARDS**  
 NB MD 355: MD 104.04-05, RIGHT LANE CLOSURE GREATER THAN 40 MPH.  
 EB OLD GEORGETOWN ROAD: MCDOT TCP-103.03 TRAFFIC CONTROL FOR LEFT LANE CLOSURE (DIVIDED).  
 WB OLD GEORGETOWN ROAD: MCDOT TCP-103.03 TRAFFIC CONTROL FOR LEFT LANE CLOSURE (DIVIDED).

**TAPERS AND TANGENTS**  
 MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN MERGING TAPERS 1,100 FT MIN  
 OLD GEORGETOWN ROAD: TAPER 320 FT, BUFFER 305 FT

**CHANNELIZATION DEVICES**  
 MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS, 10 FT ON CURVES  
 OLD GEORGETOWN ROAD: 30 FT ON TAPERS, 60 FT ON TANGENTS, 10 FT ON CURVES

**NOTES:**  
 1. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

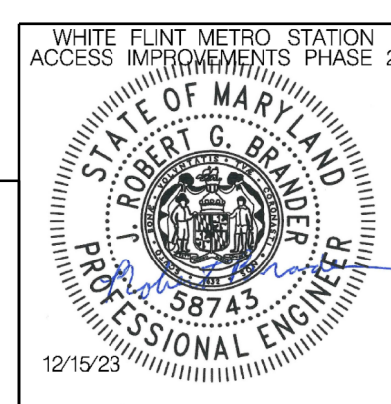


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by: RB Drawn by: JM Checked by: RJM

MT - 85

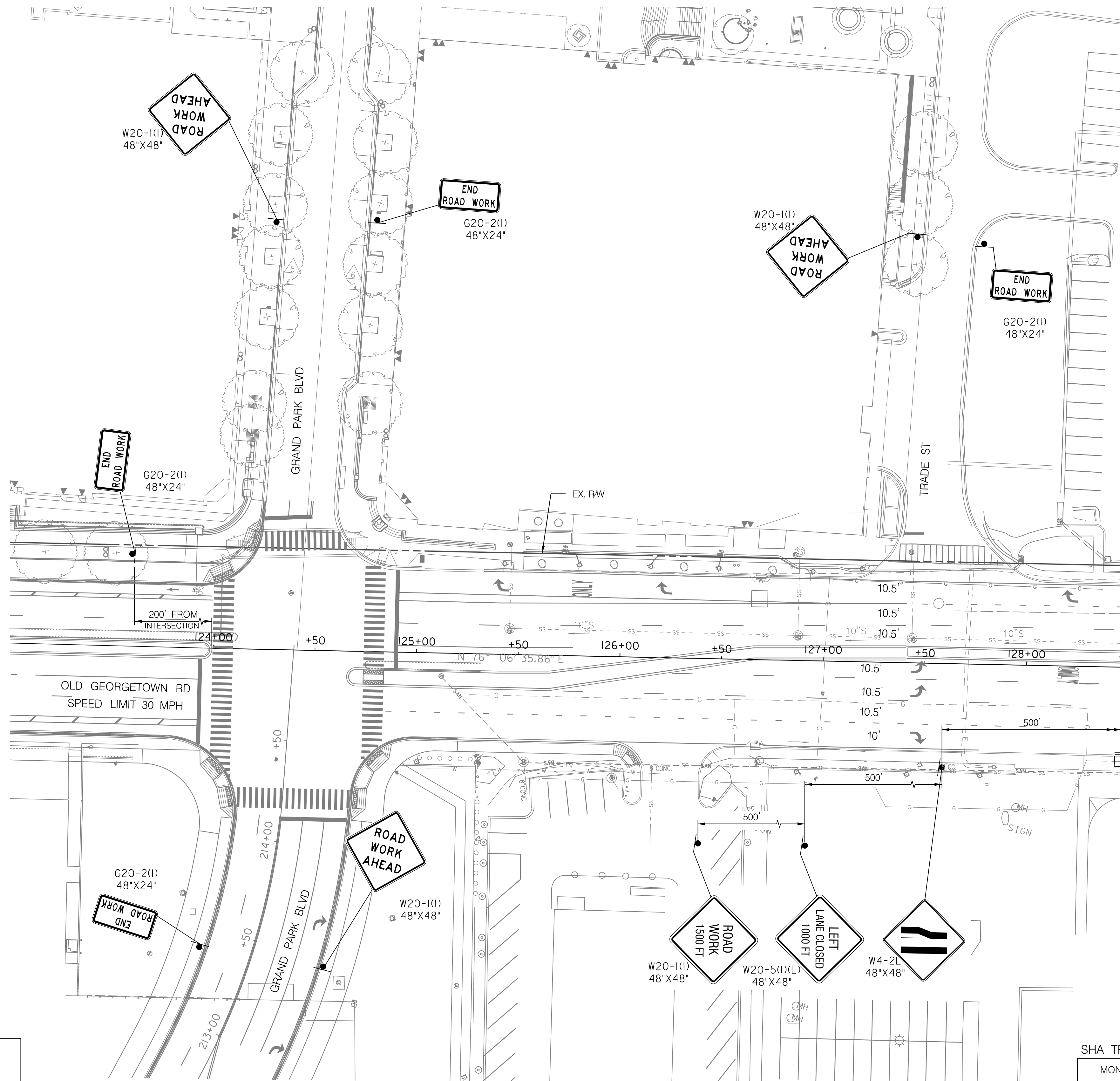
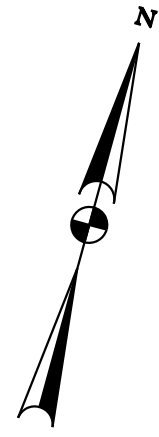
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6C

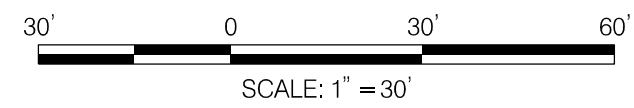
SCALE : 1" = 30' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 120 of 157

12/15/2023 UA:2026213204\700 CADD\701 Sheet\Phase 2\pMT-P616.dgn





MATCH LINE 128+50 - SEE SHEET MT - 85

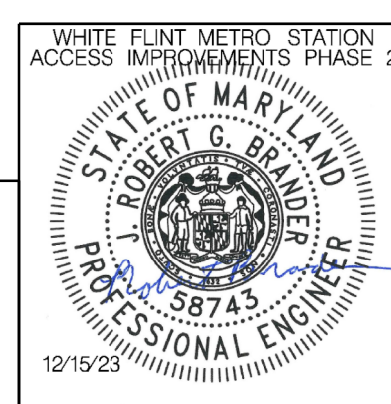


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2900  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
OF MARYLAND.  
LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 86

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

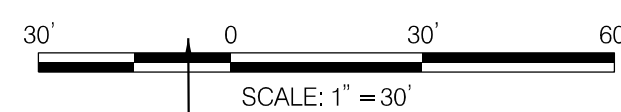
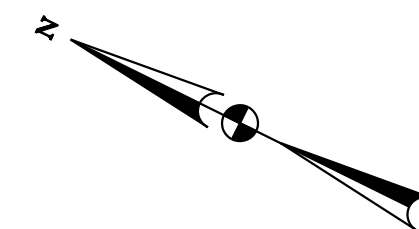
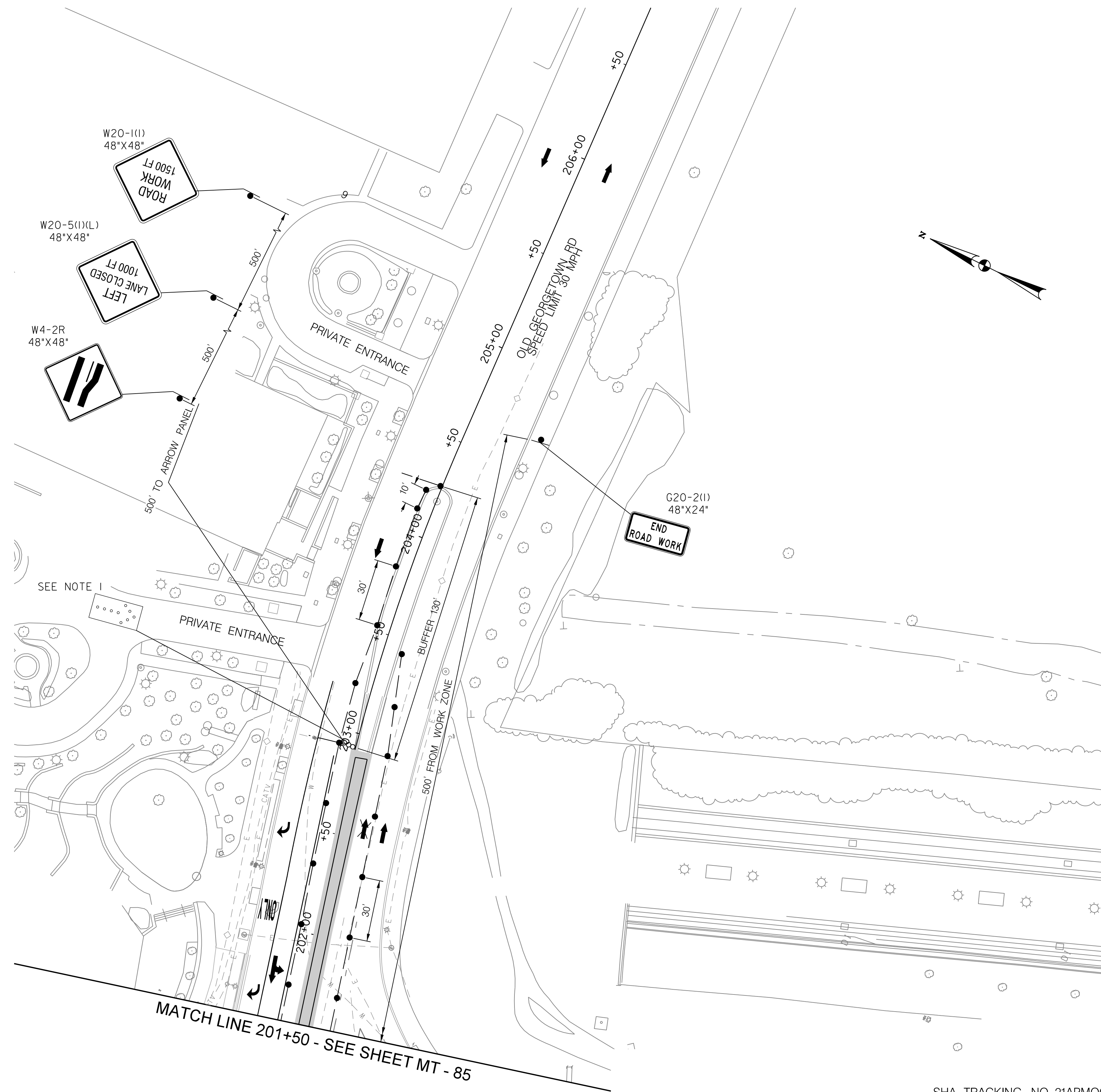
MAINTENANCE OF TRAFFIC PLAN  
PHASE 6C

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 121 of 157

12/15/2023 UA\2026213204\700 CADD\701 Sheet\Phase 2\DMIT-P617.dgn

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P618.dgn

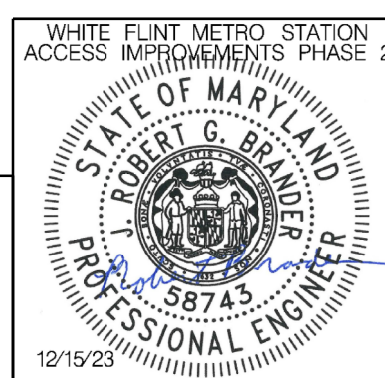


LEGEND	
SEE NOTE	
	DRUMS
	TEMPORARY SIGN AND SUPPORT
	DIRECTION OF TRAFFIC
	WORK SITE
	ARROW PANEL
	TYPE III BARRICADE
	TRUCK MOUNTED ATTENUATOR

NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by: RB Drawn by: JM Checked by: RJM

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 6C

SCALE : 1" = 30' DATE : DECEMBER 2023  
 Project No. : 502106 SHEET 122 of 157

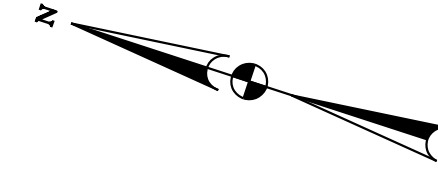
MT - 87

**SCHEDULE**  
 PHASE 7: 20 DAYS

**APPLICABLE MD STANDARDS / MC DOT STANDARDS**  
 NB MD 355: MD 104.04-05, RIGHT LANE  
 CLOSURE GREATER THAN 40 MPH.  
 EB OLD GEORGETOWN ROAD: MCDOT TCP-103.03  
 TRAFFIC CONTROL FOR LEFT LANE CLOSURE (DIVIDED)

**TAPERS AND TANGENTS**  
 MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN  
 MERGING TAPERS 1,100 FT MIN  
 OLD GEORGETOWN ROAD: TAPER 320 FT,  
 BUFFER 305 FT

**CHANNELIZATION DEVICES**  
 MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS,  
 10 FT ON CURVES  
 OLD GEORGETOWN ROAD: 30 FT ON TAPERS, 60 FT  
 ON TANGENTS, 10 FT ON CURVES

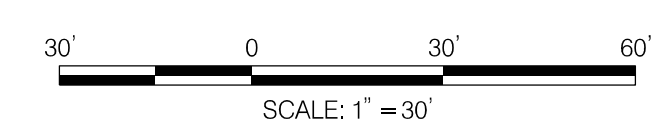


ROCKVILLE PIKE (MD 355)  
 SPEED LIMIT 40 MPH

W20-1(1)  
 48"X48"  
 ROAD WORK  
 1/2 MILE

W20-1(1)  
 48"X48"  
 ROAD WORK  
 AHEAD

W20-1(1)  
 48"X48"  
 ROAD WORK  
 1500 FT

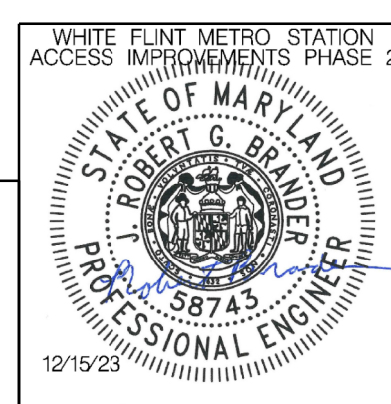


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 88

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 7

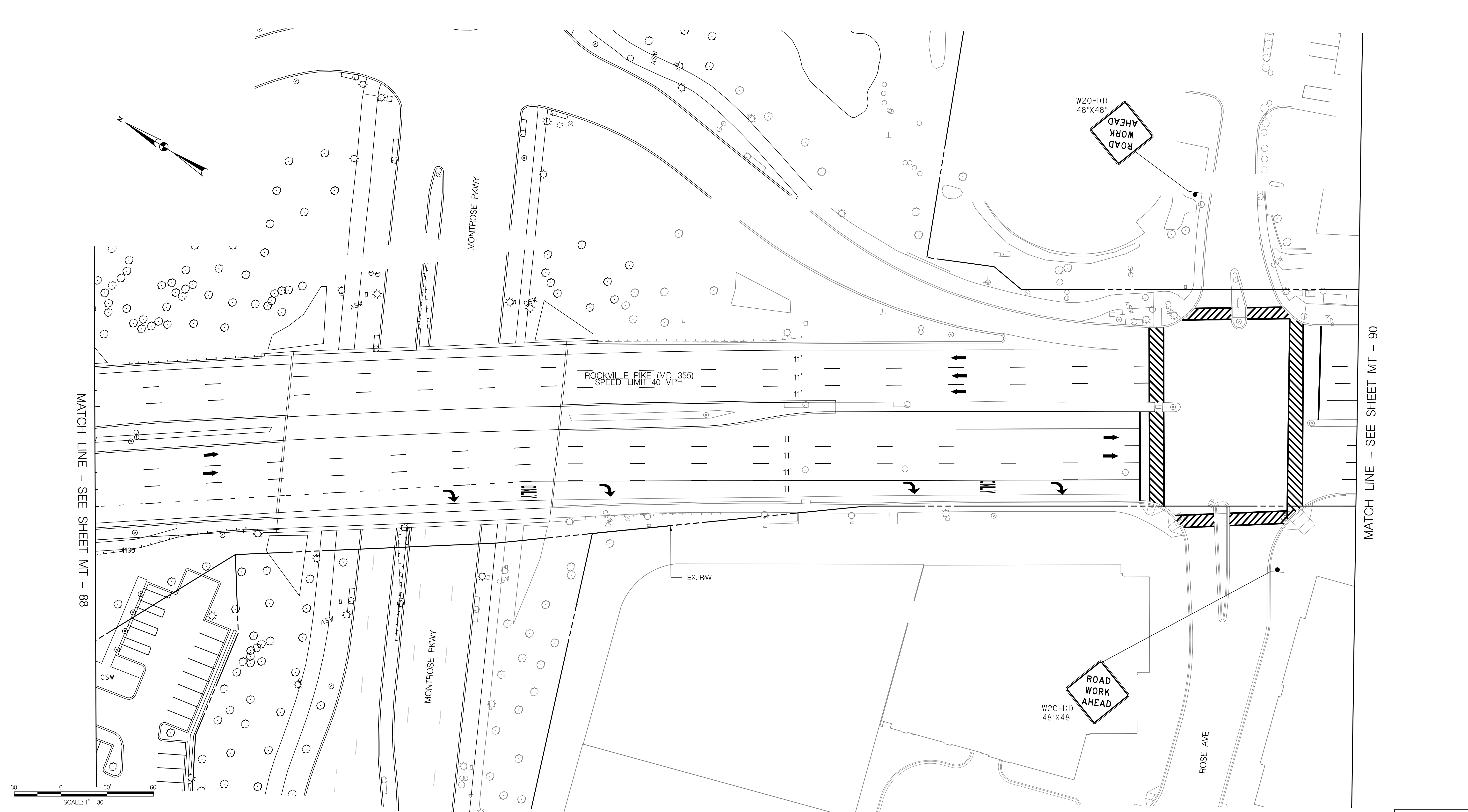
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 123 of 157

12/15/2023 U:\2026\13204\700 CADD\701 Sheet\Phase 2\pMT-P701.dgn

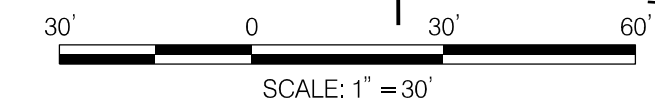
MATCH LINE - SEE SHEET MT - 89

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P702.dgn



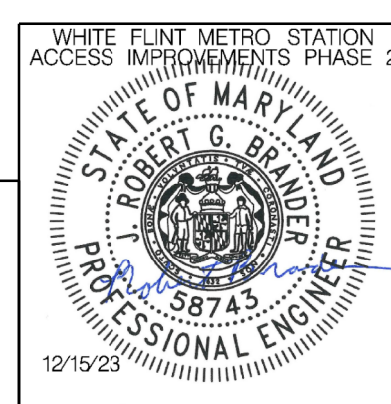
**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR




**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RB Drawn by: JM Checked by: RJM

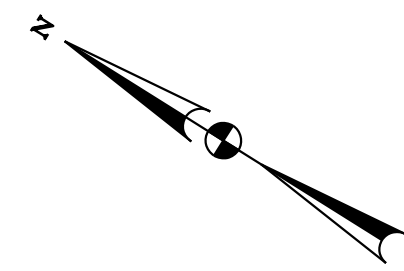
MT - 89

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

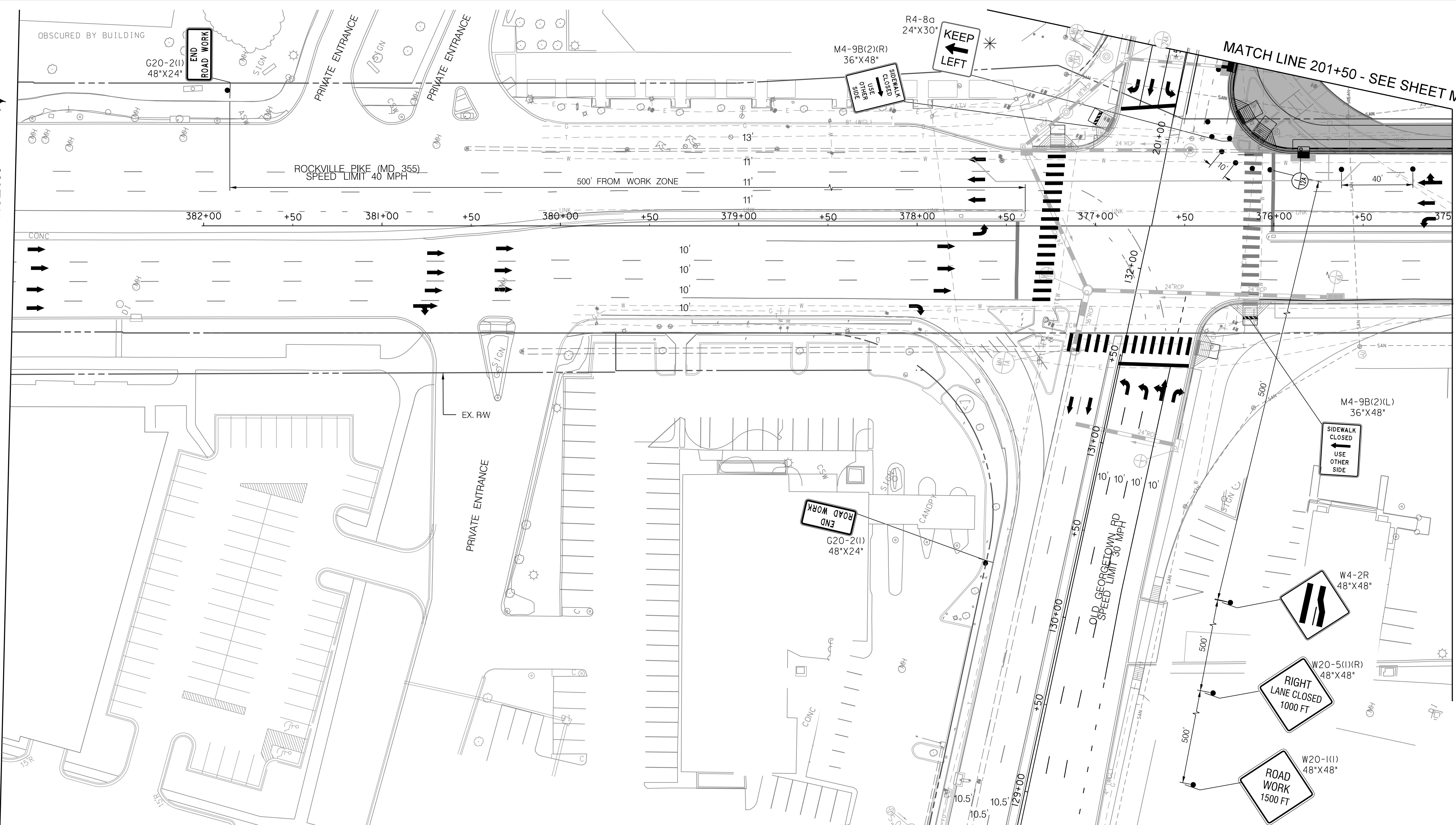
MAINTENANCE OF TRAFFIC PLAN  
 PHASE 7

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 124 of 157



MATCH LINE - SEE SHEET MT - 89



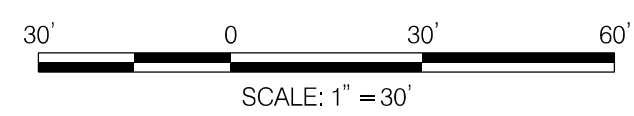
MATCH LINE 201+50 - SEE SHEET MT - 94

MATCH LINE 375+00 - SEE SHEET MT - 91

NOTES:

1. AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.

\* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

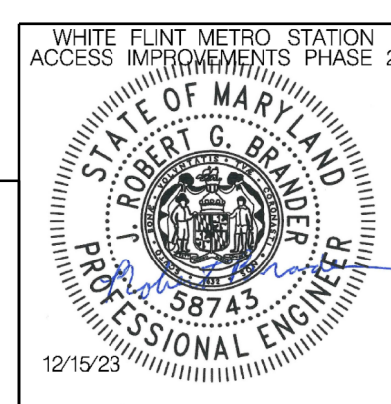


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2900  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED  
SEE TITLE SHEET FOR SIGNATURES  
Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RB Drawn by: JM Checked by: RJM

MT - 90

WHITE FLINT METRO STATION  
ACCESS IMPROVEMENTS  
PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
PHASE 7

SCALE : 1" = 30' DATE : DECEMBER 2023

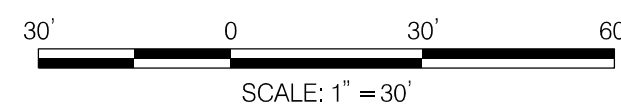
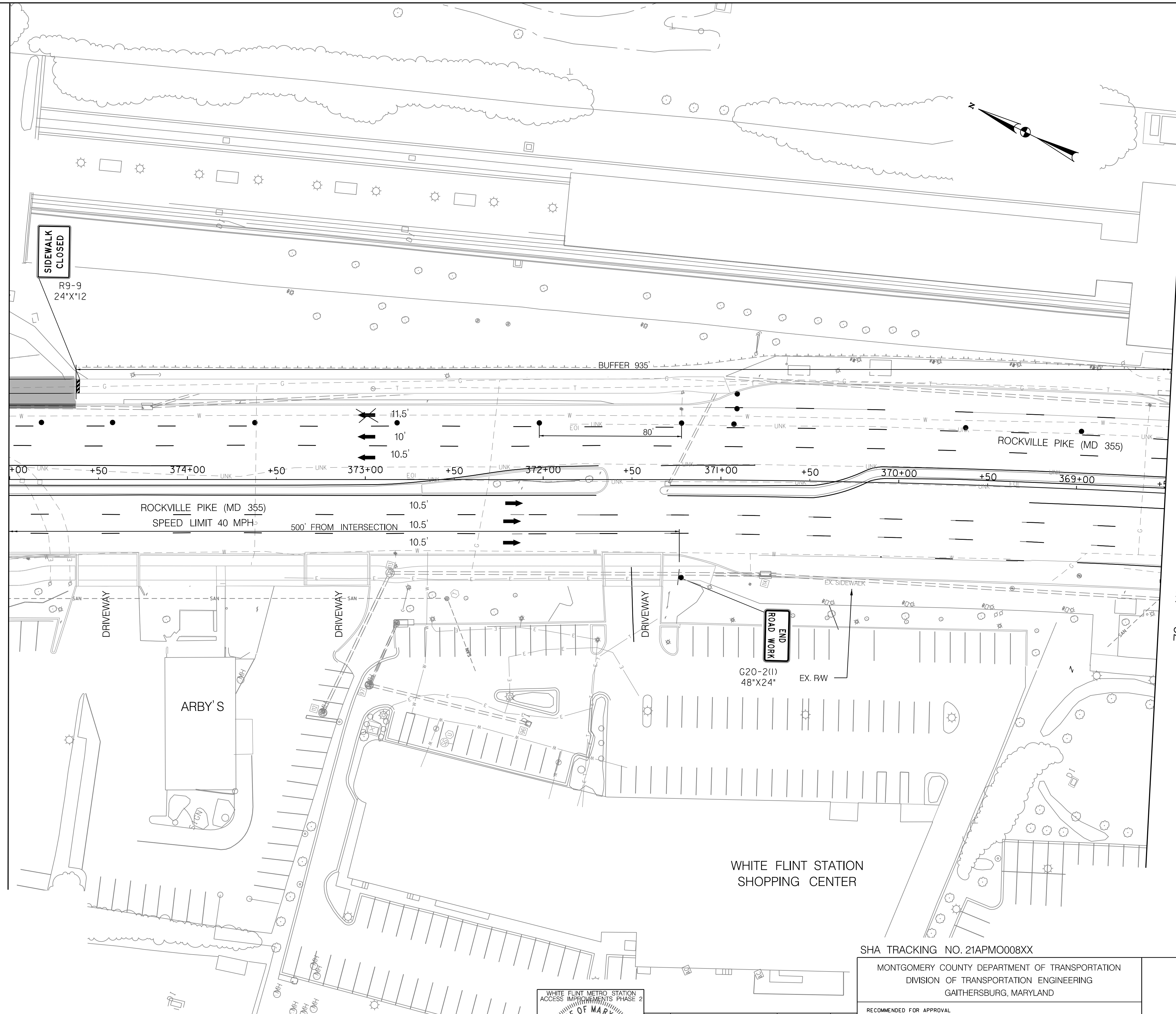
Project No. : 502106 SHEET 125 of 157

12/15/2023 UA:\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P703.dgn

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P704.dgn

MATCH LINE 375+00 - SEE SHEET MT - 90

MATCH LINE 368+50 - SEE SHEET MT - 92

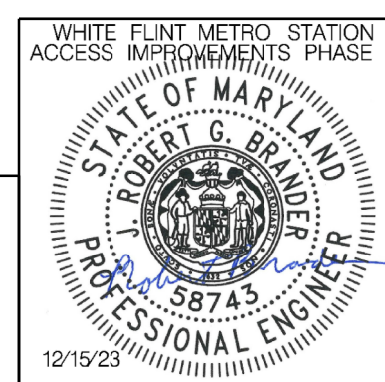


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 91

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 7

SCALE : 1" = 30' DATE : DECEMBER 2023

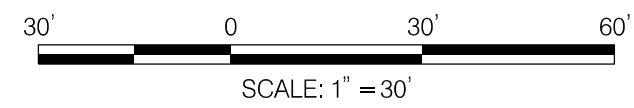
Project No. : 502106 SHEET 126 of 157

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\PMIT-P705.dgn



MATCH LINE 368+50 - SEE SHEET MT - 91

MATCH LINE 360+00 - SEE SHEET MT - 93



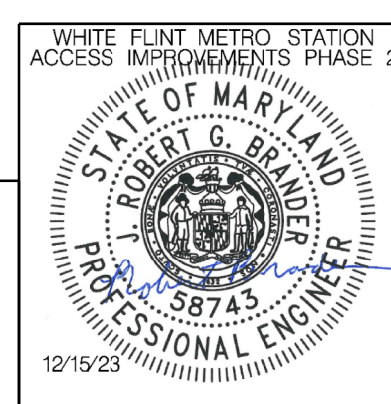
NOTES:  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.  
 \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_

APPROVED

SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: RB Drawn by: JM Checked by: RJM

MT - 92

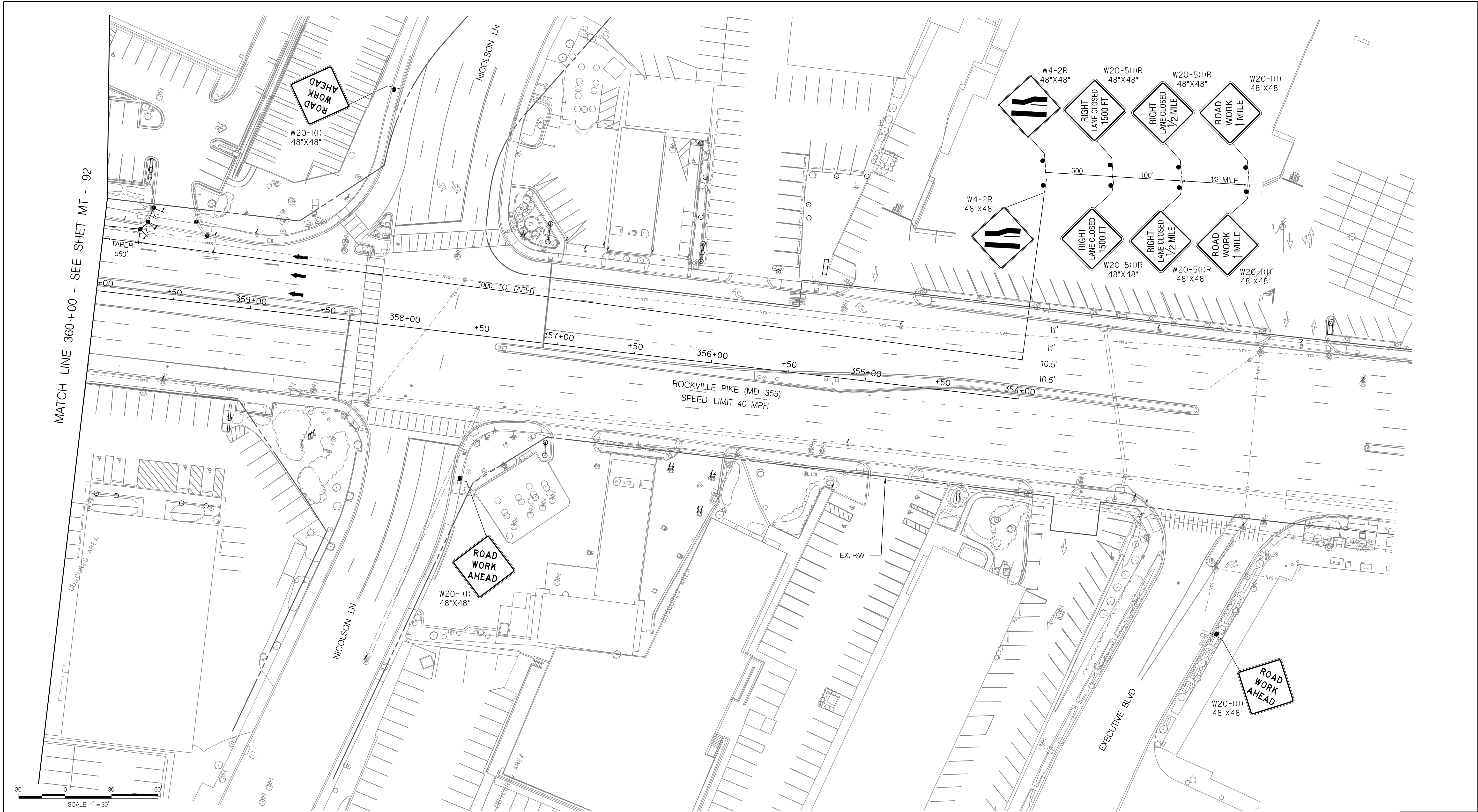
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 7

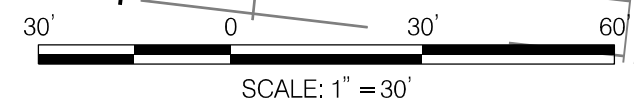
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 127 of 157

12/15/2023  
 LA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P706.dgn



MATCH LINE 360+00 - SEE SHET MT - 92

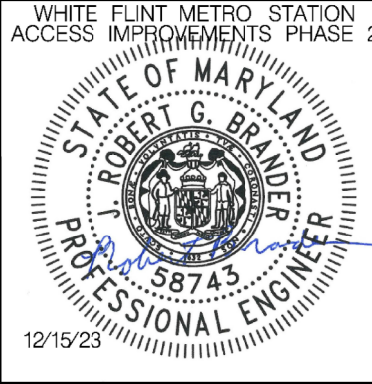


**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 93

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

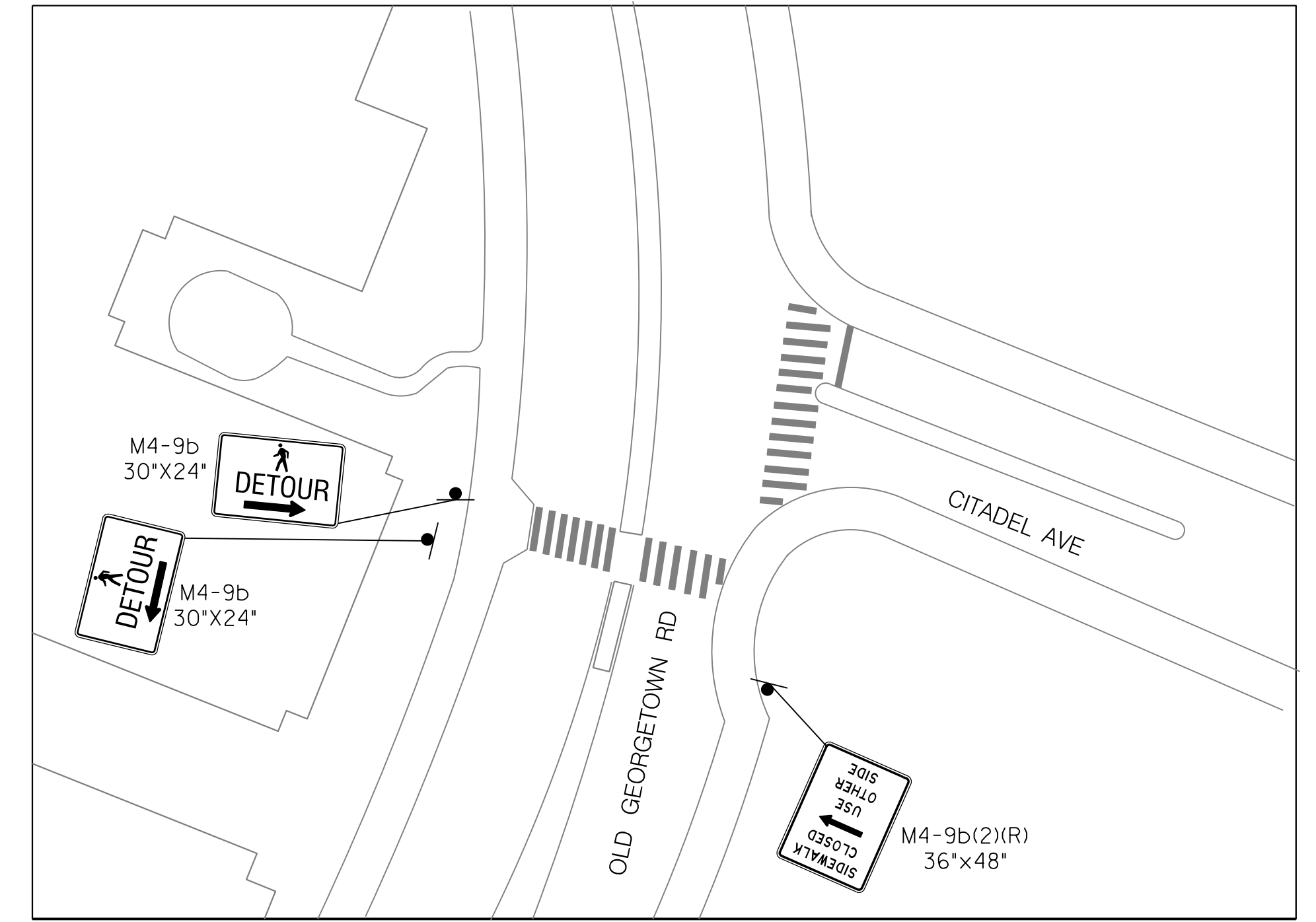
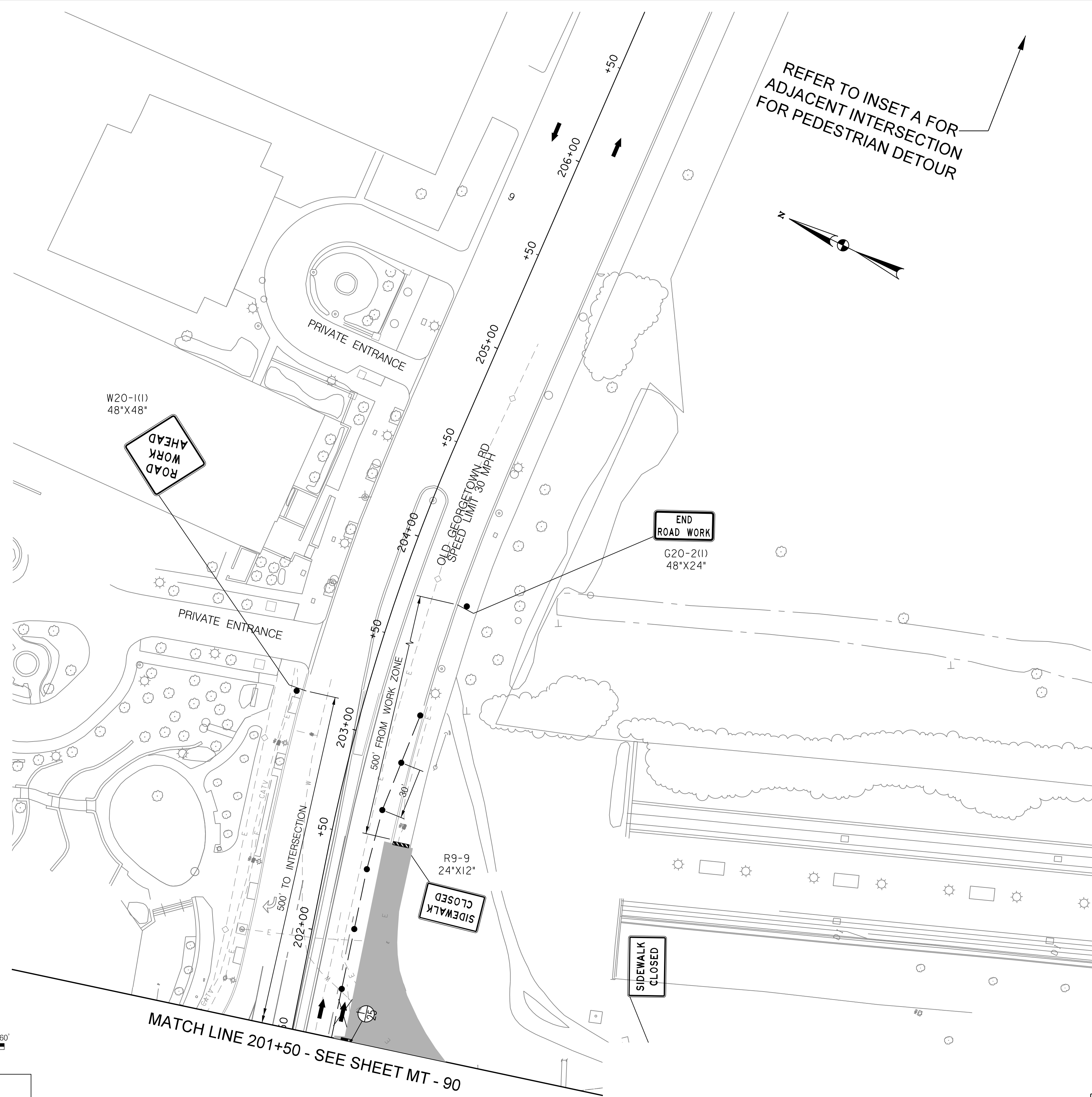
MAINTENANCE OF TRAFFIC PLAN  
 PHASE 7

SCALE : 1" = 30' DATE : DECEMBER 2023

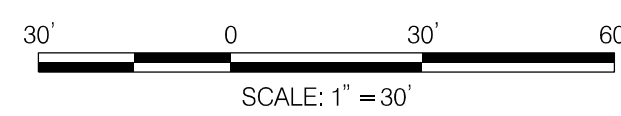
Project No. : 502106 SHEET 128 of 157



12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P707.dgn



INSET A



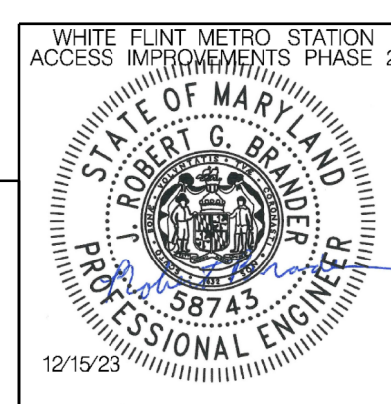
MATCH LINE 201+50 - SEE SHEET MT - 90

**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 94

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 7

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 129 of 157

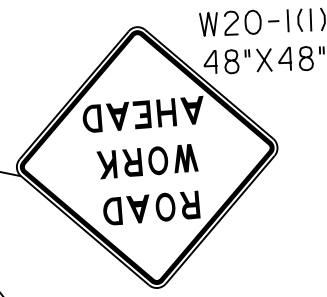
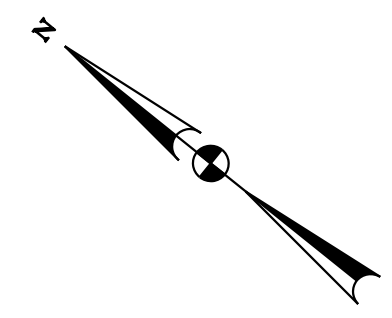
12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\PMIT-P801.dgn

**SCHEDULE**  
 PHASE 8: 20 DAYS

**APPLICABLE MD STANDARDS / MC DOT STANDARDS**  
 SB MD 355; MD 104.04-05, RIGHT LANE CLOSURE  
 GREATER THAN 40 MPH.  
 WB OLD GEORGETOWN ROAD; MCDOT TCP-103.01  
 TRAFFIC CONTROL FOR RIGHT LANE CLOSURE (DIVIDED)

**TAPERS AND TANGENTS**  
 MD 355: TAPER 550 FT, BUFFER 495 FT, BETWEEN  
 MERGING TAPERS 1,100 FT MIN  
 OLD GEORGETOWN ROAD: TAPER 320 FT,  
 BUFFER 305 FT

**CHANNELIZATION DEVICES**  
 MD 355: 40 FT ON TAPERS, 80 FT ON TANGENTS,  
 10 FT ON CURVES  
 OLD GEORGETOWN ROAD: 30 FT ON TAPERS,  
 60 FT ON TANGENTS, 10 FT ON CURVES



ROCKVILLE PIKE (MD 355)  
 SPEED LIMIT 40 MPH

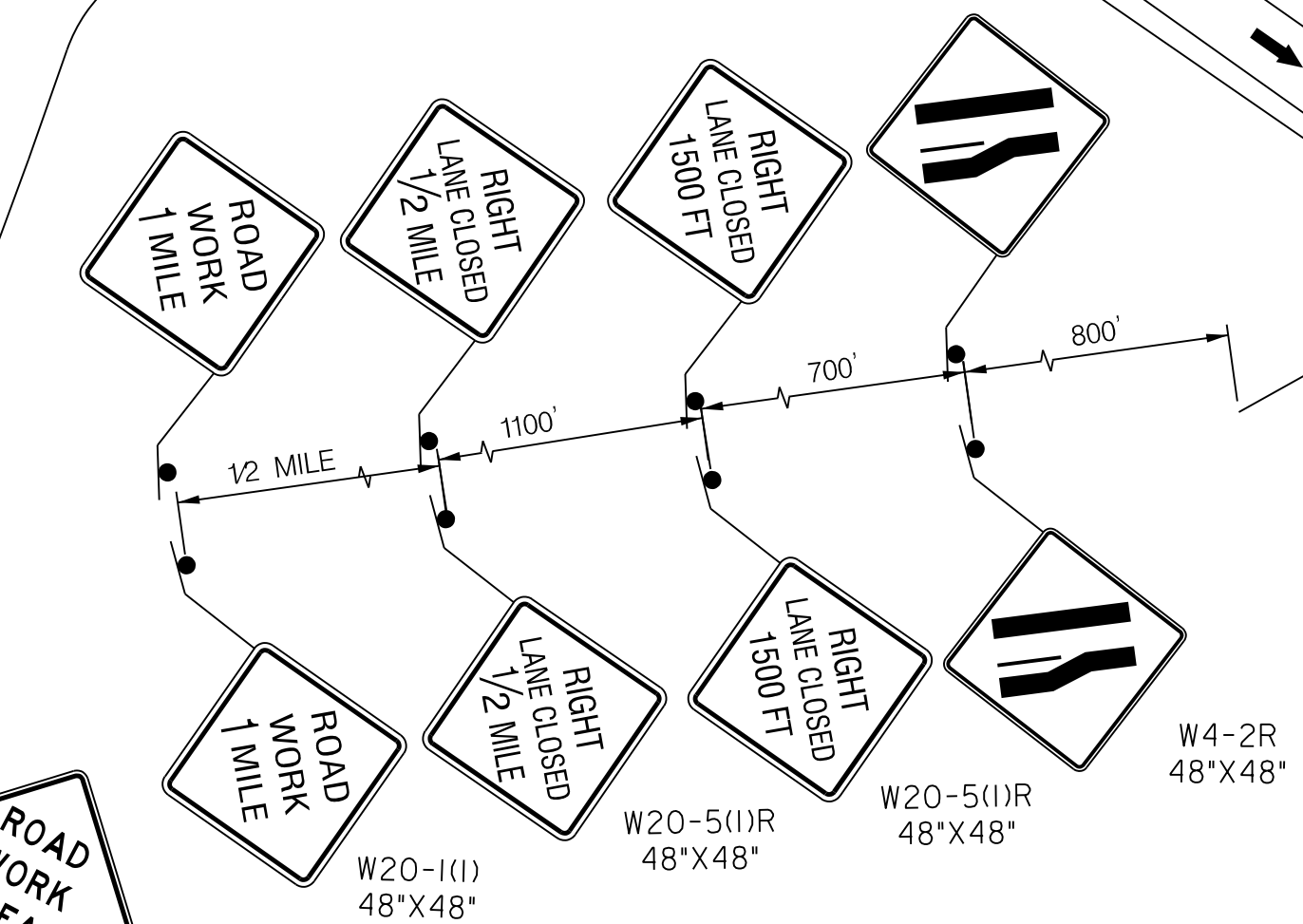
SHOULDER TAPER 184'

MERGING TAPER 550'

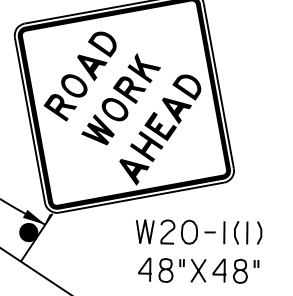
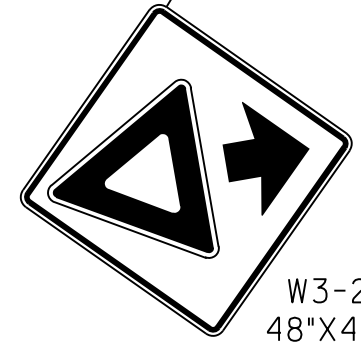
TOWNE RD

TOWNE RD

HUBBARD DR



SEE NOTE 1



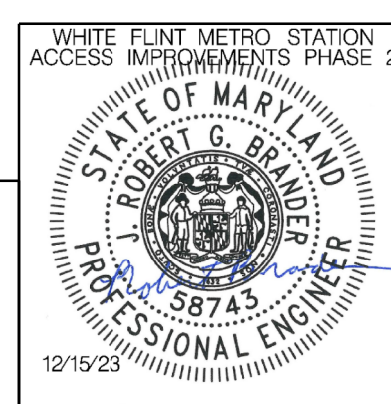
**NOTES:**  
 1. A MINIMUM OF 7 CHANNELIZATION DEVICES SHALL BE PLACED IN ADVANCE OF THE ARROW PANEL.

**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



**PROFESSIONAL CERTIFICATION:**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

MT - 95

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

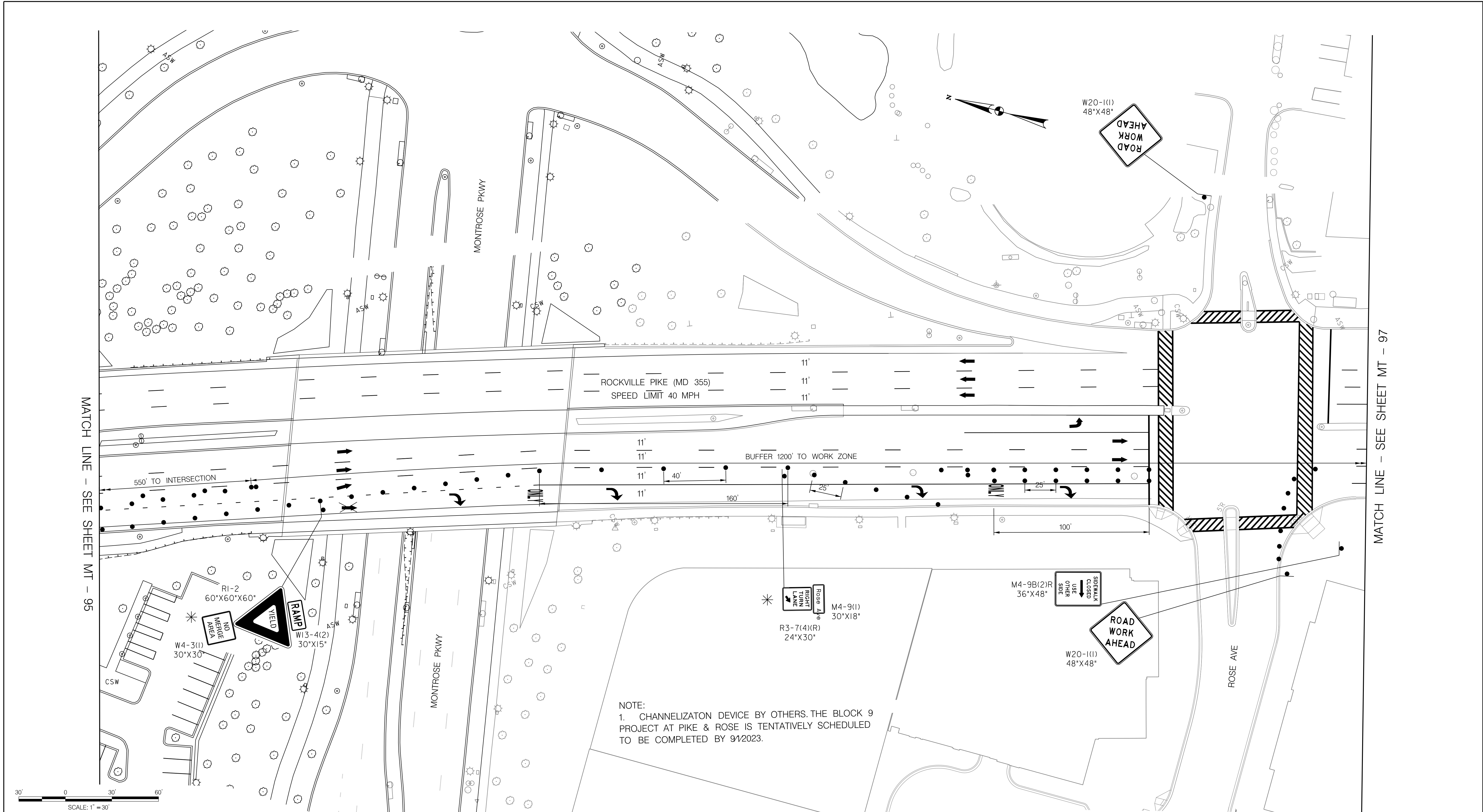
MAINTENANCE OF TRAFFIC PLAN  
 PHASE 8

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 130 of 157

MATCH LINE - SEE SHEET MT - 96

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pMT-P802.dgn



**LEGEND**

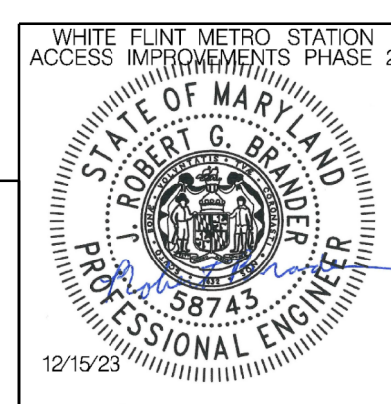
- DRUMS
- ⬆ TEMPORARY SIGN AND SUPPORT
- ➔ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬▬ TYPE III BARRICADE
- ▬ TRUCK MOUNTED ATTENUATOR



NOTE:  
 1. CHANNELIZATION DEVICE BY OTHERS. THE BLOCK 9 PROJECT AT PIKE & ROSE IS TENTATIVELY SCHEDULED TO BE COMPLETED BY 9/12/2023.

**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by: RBB Drawn by: JMC Checked by: RJM

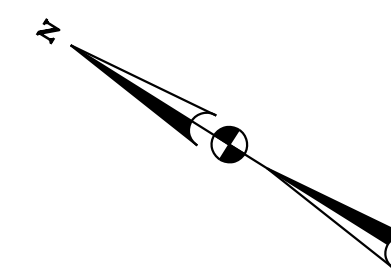
MT - 96

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 8

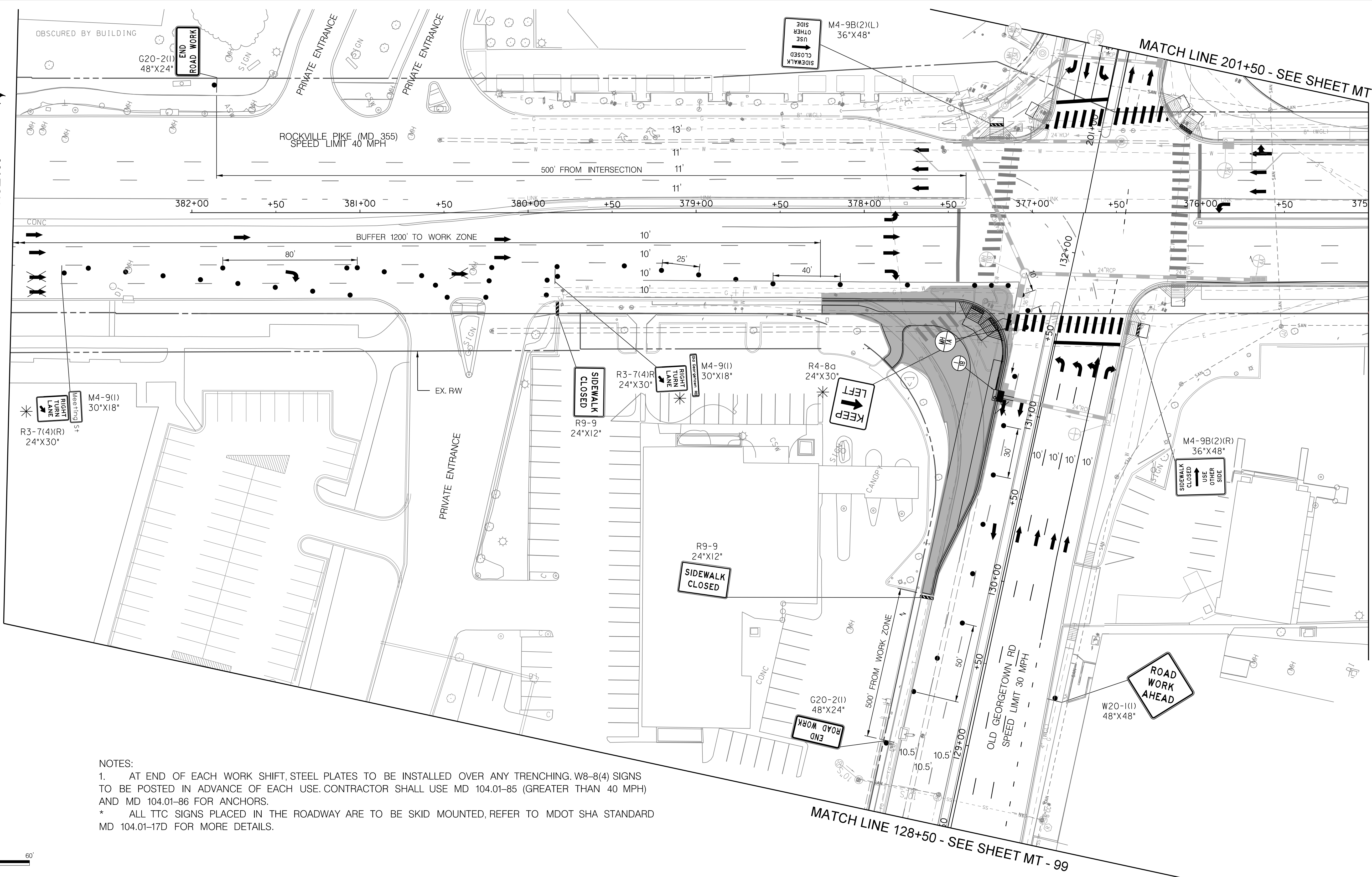
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 131 of 157



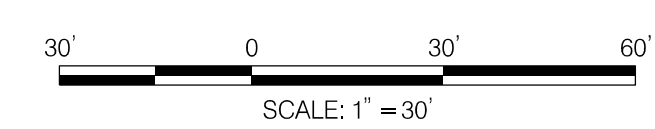
MATCH LINE - SEE SHEET MT - 96

MATCH LINE 375+00 - SEE SHEET MT - 98



NOTES:

- AT END OF EACH WORK SHIFT, STEEL PLATES TO BE INSTALLED OVER ANY TRENCHING. W8-8(4) SIGNS TO BE POSTED IN ADVANCE OF EACH USE. CONTRACTOR SHALL USE MD 104.01-85 (GREATER THAN 40 MPH) AND MD 104.01-86 FOR ANCHORS.
- \* ALL TTC SIGNS PLACED IN THE ROADWAY ARE TO BE SKID MOUNTED, REFER TO MDOT SHA STANDARD MD 104.01-17D FOR MORE DETAILS.

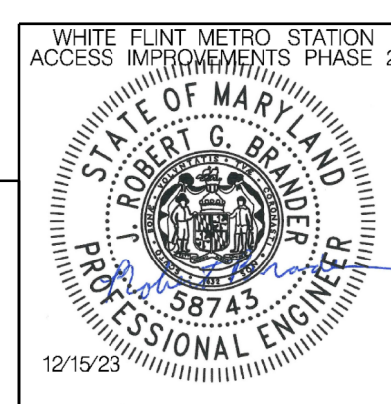


**LEGEND**

- DRUMS
- TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section  
 Date

APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering  
 Date

Designed by: RB Drawn by: JM Checked by: RJM

MT - 97

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 8

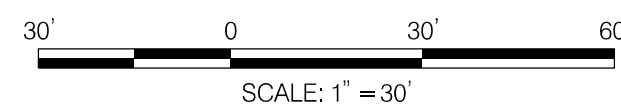
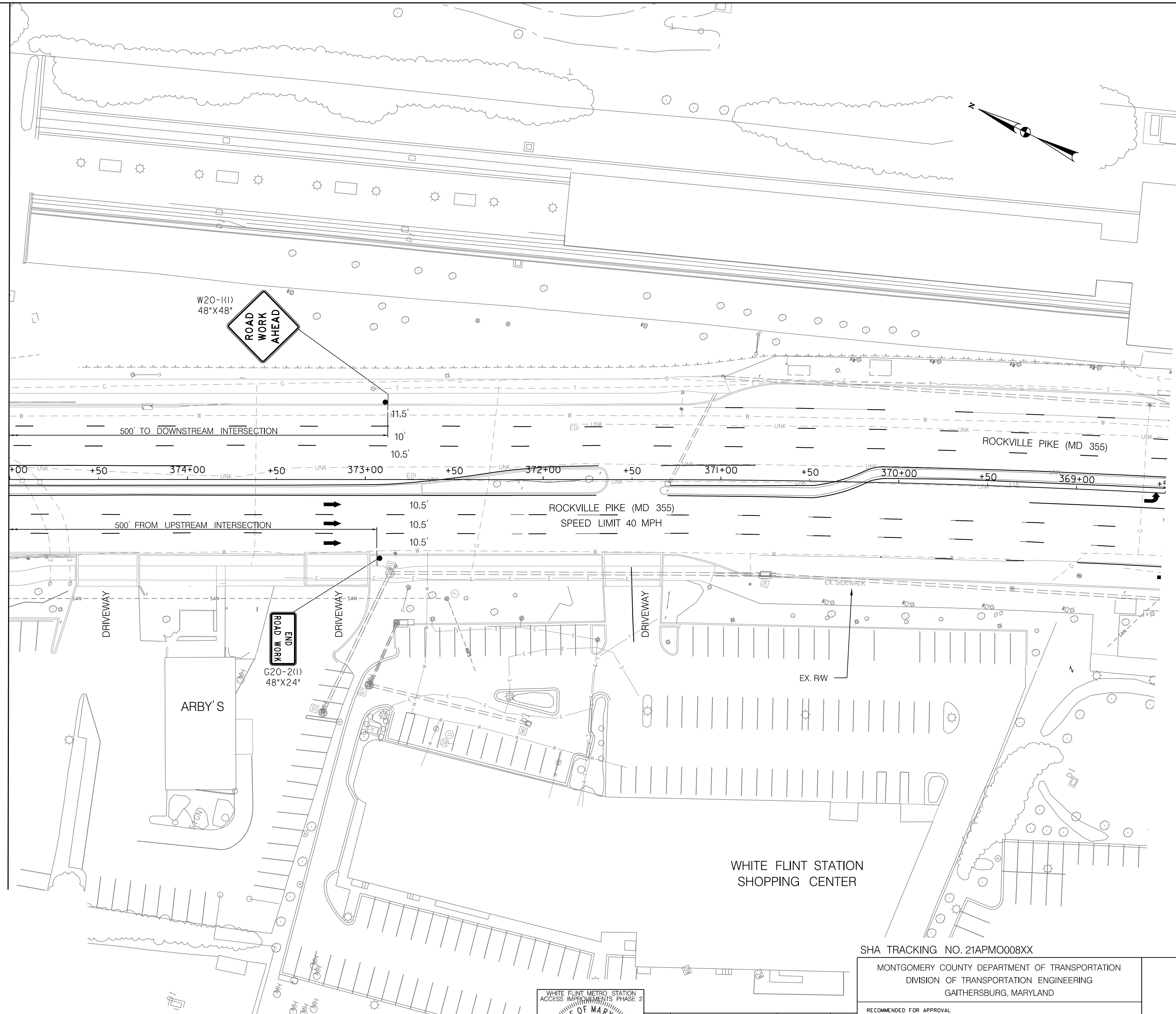
SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 132 of 157

12/15/2023 UA:2026213204\700 CADD\701 Sheet\Phase 2\MT-P803.dgn

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P804.dgn

MATCH LINE 375+00 - SEE SHEET MT - 97



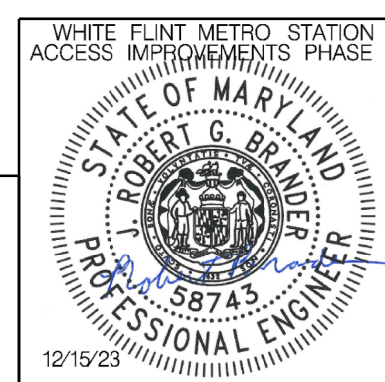
**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



**Stantec**  
 6110 FROST PLACE,  
 LAUREL, MARYLAND 20707  
 (301) 982-2900  
 www.stantec.com

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering

Designed by : RB Drawn by : JM Checked by : RJM

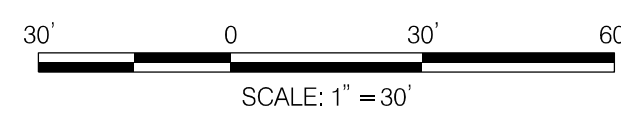
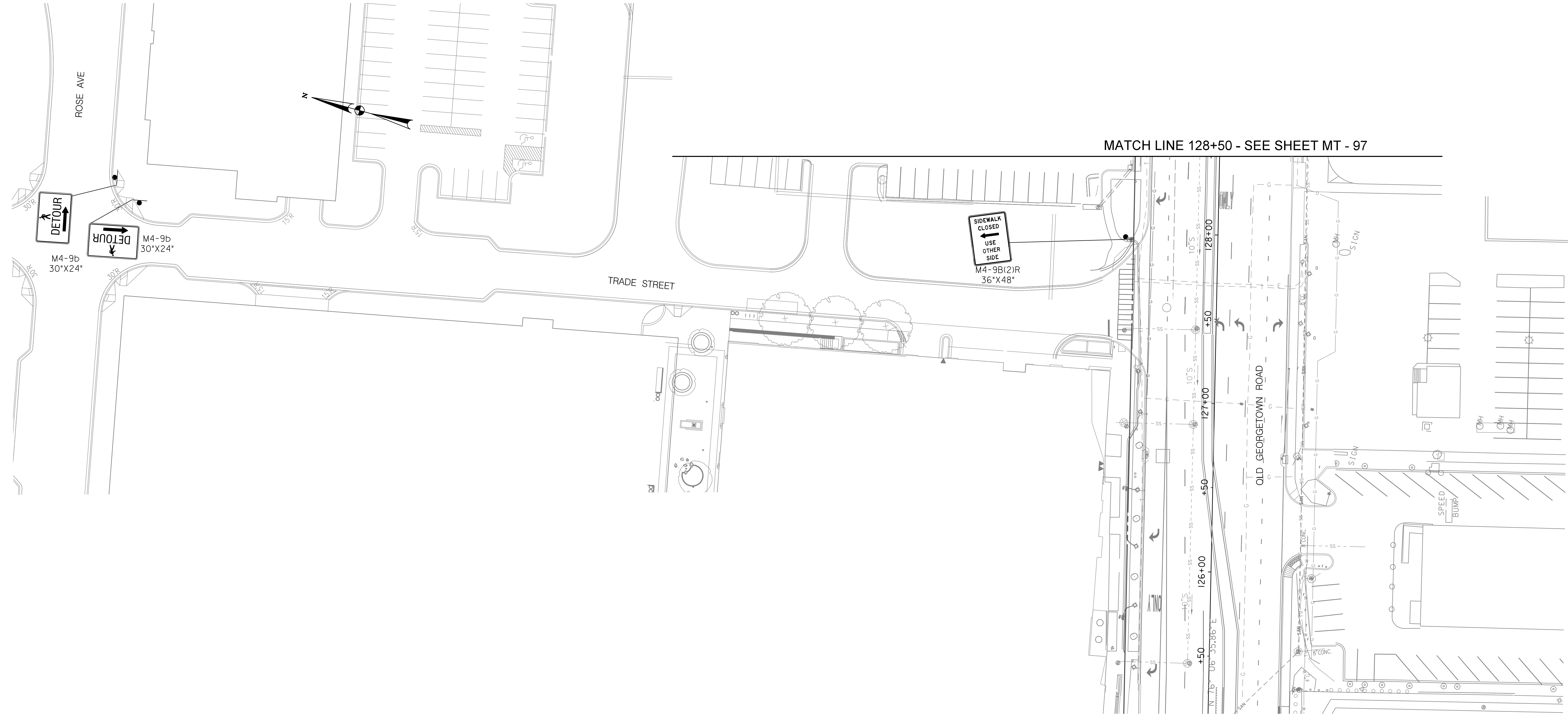
MT - 98

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 8

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 133 of 157

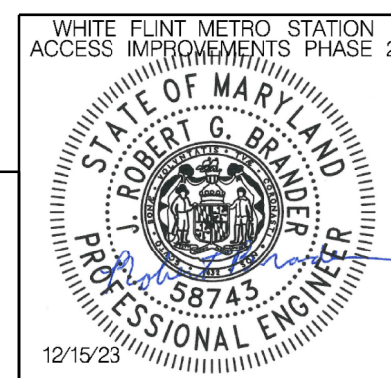


LEGEND

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▭ WORK SITE
- ∞ ARROW PANEL
- ▨ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Design Section Date  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES  
 Chief, Division of Transportation Engineering Date  
 Designed by : RB Drawn by : JM Checked by : RJM

MT - 99

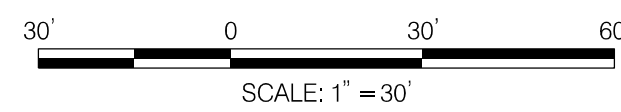
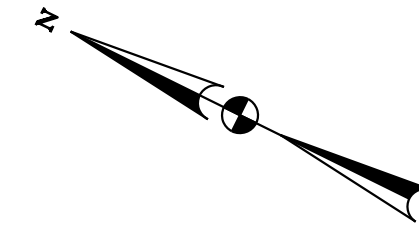
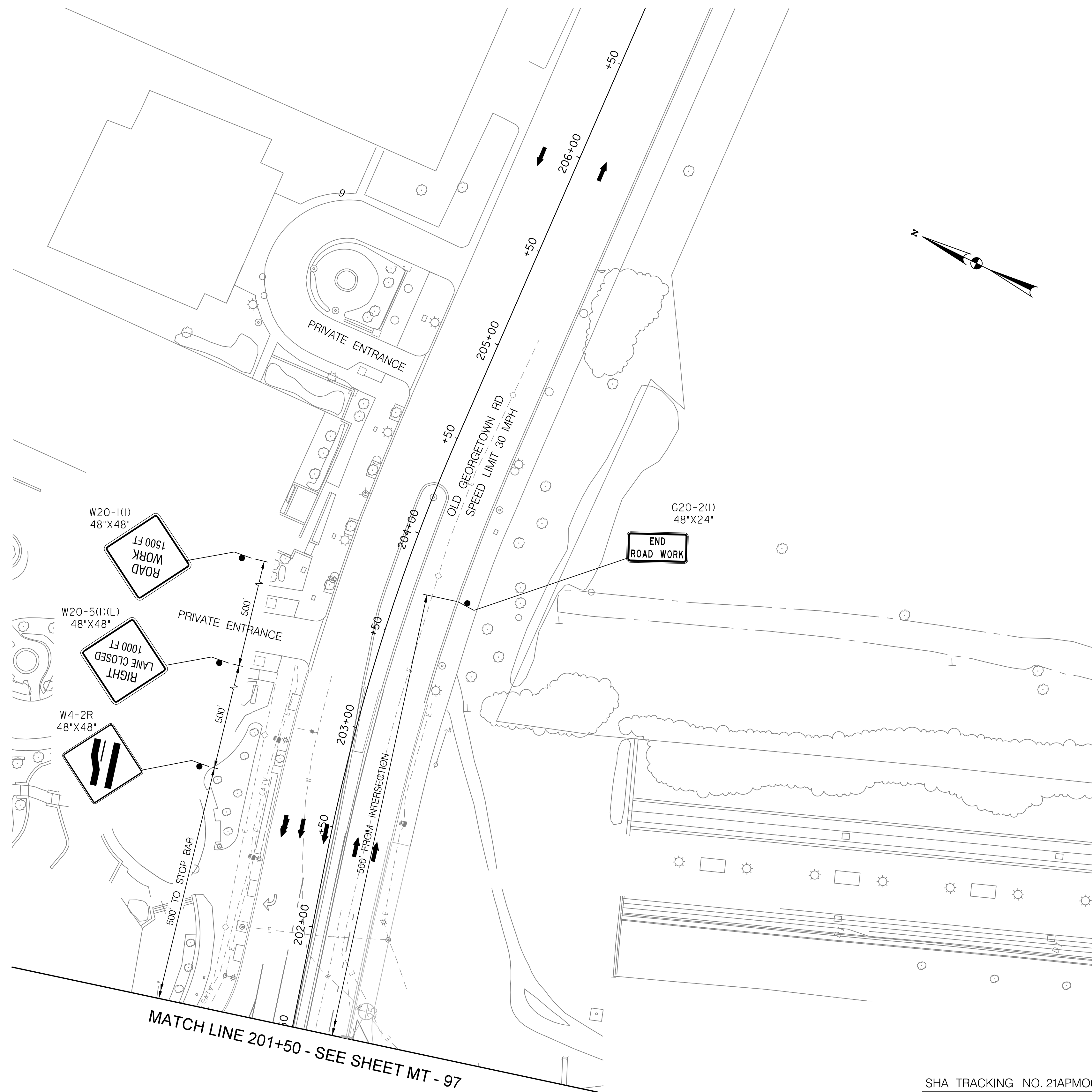
WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 8

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET 134 of 157

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pMT-P806.dgn



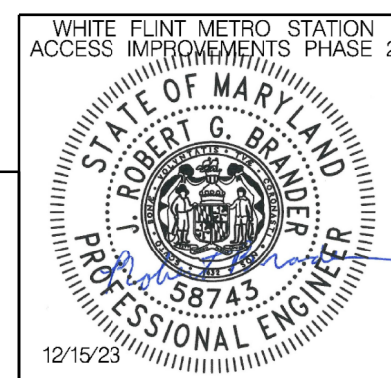
MATCH LINE 201+50 - SEE SHEET MT - 97

**LEGEND**

- DRUMS
- ⊙ TEMPORARY SIGN AND SUPPORT
- ↑ DIRECTION OF TRAFFIC
- ▬ WORK SITE
- ∞ ARROW PANEL
- ▬ TYPE III BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 58743 EXPIRATION DATE: 01-16-2026



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Design Section  
 APPROVED  
 SEE TITLE SHEET FOR SIGNATURES \_\_\_\_\_ Date \_\_\_\_\_  
 Chief, Division of Transportation Engineering  
 Designed by : RB Drawn by : JM Checked by : RJM

WHITE FLINT METRO STATION  
 ACCESS IMPROVEMENTS  
 PHASE 2

MAINTENANCE OF TRAFFIC PLAN  
 PHASE 8

SCALE : 1" = 30' DATE : DECEMBER 2023

Project No. : 502106 SHEET \$MT100\$ of 157

MT - 100

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", MOST CURRENT EDITION AND SUBSEQUENT REVISIONS AND SUPPLEMENTS.

MDOT SHA - "BOOK OF STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES", MOST CURRENT EDITION AND SUBSEQUENT REVISIONS AND 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
I) 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

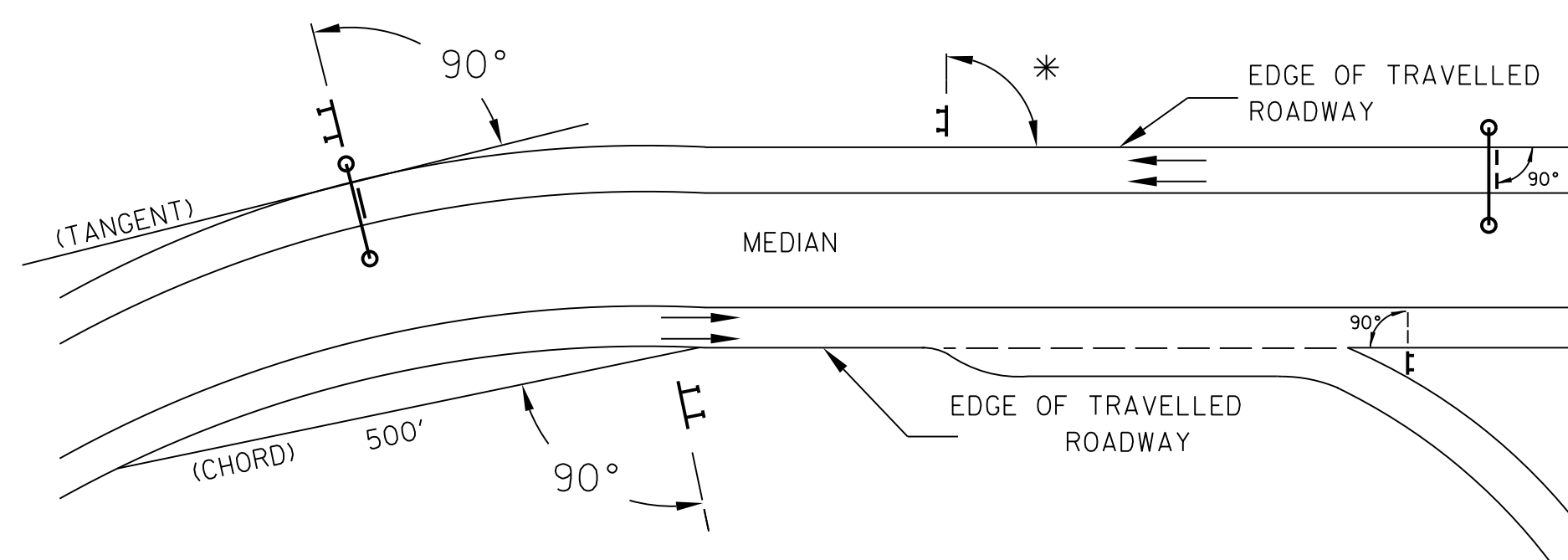
IDENTIFICATION OF SIGNS AND PANELS

- 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 AT http://apps.roads.maryland.gov/businesswithsha/bizstdsspecs/desmanualstdpub/publicationsonline/oofs/internet\_signbook.asp

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°

REFLECTORIZATION

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

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 DESIGN 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 MDOT SHA'S STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS 2017 EDITION AND SUBSEQUENT REVISIONS AND SUPPLEMENTS.
2. LISTED ON MDOT SHA OFFICE OF TRAFFIC AND SAFETY'S QUALIFIED PRODUCTS LIST (OPL).

PROJECT REQUIREMENTS CONT'D

3. THE FOLLOWING TYPES OF SHEETING SHALL BE USED FOR THE SPECIFIED SIGN CLASSIFICATIONS:

GENERAL NOTE: ALL COLORS SHALL BE RETROREFLECTIVE EXCEPT BLACK. BLACK TEXT, BORDERS, SYMBOLS OR ANY BLACK ELEMENTS OF ANY SIGN SHALL BE NON-REFLECTIVE. THIS APPLIES TO ALL MDOT SHA SIGNS AS SHOWN BELOW.

A) GUIDE, EXIT GORE, GENERAL INFORMATION, AND SERVICE SIGNS - FALL INTO TWO SUB CATEGORIES:

- (I). GROUND MOUNTED:
ALL RETROREFLECTIVE SHEETING ELEMENTS OF THESE SIGNS SHALL MEET OR EXCEED THE REQUIREMENTS FOR ASTM TYPE IX (9).
(II). OVERHEAD STRUCTURE SIGNS AND OVERHEAD CANTILEVER SIGNS:
ALL RETROREFLECTIVE SHEETING ELEMENTS OF ALL OVERHEAD SIGNS SHALL MEET OR EXCEED THE REQUIREMENTS FOR ASTM TYPE XI(II). (THIS SECTION DOES NOT APPLY TO OVERHEAD SIGNALIZED INTERSECTION SIGNING; MOST ARM OR SPAN WIRE. FOLLOW THE REQUIREMENTS FOR THE RESPECTIVE SIGN CLASSIFICATION FOR SIGNAL SIGNING.)

B) WARNING SIGNS - RETROREFLECTIVE SHEETING FOR WARNING SIGNS (FLUORESCENT YELLOW AND FLUORESCENT ORANGE) SHALL MEET OR EXCEED THE REQUIREMENTS FOR ASTM TYPE IX (9). REGULATORY MESSAGES WITHIN WARNING SIGNS SHALL FOLLOW THE REQUIREMENTS FOR REGULATORY SIGNS.

C) SCHOOL SIGNS - RETROREFLECTIVE SHEETING FOR SCHOOL SIGNS (FLUORESCENT YELLOW AND FLUORESCENT YELLOW-GREEN) SHALL MEET OR EXCEED THE REQUIREMENTS FOR ASTM TYPE IX (9). REGULATORY MESSAGES WITHIN SCHOOL SIGNS SHALL FOLLOW THE REQUIREMENTS FOR REGULATORY SIGNS.

D) REGULATORY SIGNS - FALL INTO THREE SUBCATEGORIES:

- (I). "RED" REGULATORY SIGNS; (SPECIFICALLY - STOP, YIELD, DO NOT ENTER AND WRONG WAY). ALL RETROREFLECTIVE SHEETING ELEMENTS OF THESE SIGNS SHALL MEET OR EXCEED THE REQUIREMENTS FOR ASTM TYPE IX (9).
(II). ALL R7 AND R8 SERIES PARKING RELATED SIGNS AND THEIR SUPPLEMENTAL PANELS, NO TRESPASSING SIGNS, AND SIGNS DIRECTED AT PEDESTRIANS AND BICYCLISTS ONLY. ALL RETROREFLECTIVE SHEETING ELEMENTS OF THESE SIGNS SHALL MEET THE REQUIREMENTS FOR ASTM TYPE IV (4).
(III). ALL OTHER REGULATORY SIGNS - ALL RETROREFLECTIVE SHEETING ELEMENTS OF THESE SIGNS SHALL MEET ASTM TYPE IV (4) INCLUDING RED ELEMENTS. WARNING MESSAGES WITHIN REGULATORY SIGNS SHALL FOLLOW THE REQUIREMENTS FOR WARNING SIGNS.

E) ROUTE MARKERS (INDEPENDENT USE AND GUIDE SIGN USE)

INDEPENDENT USE: ALL RETROREFLECTIVE SHEETING ELEMENTS OF THESE SIGNS SHALL MEET BUT NOT TO EXCEED THE REQUIREMENTS FOR ASTM TYPE IV (4).

GUIDE SIGN USE: WHEN INCORPORATED IN THE BODY OF A GUIDE SIGN, ALL RETROREFLECTIVE SHEETING ELEMENTS OF THESE SIGNS SHALL MEET THE SHEETING REQUIREMENTS OF THE GUIDE SIGNS FOR WHICH THEY ARE TO BE APPLIED; GROUND MOUNT ASTM TYPE IX (9) OR OVERHEAD ASTM TYPE XI(II).

F) LOGOS AND / OR GRAPHICS - WITHIN SIGNS SHALL FOLLOW THE REQUIREMENTS FOR THE RESPECTIVE SIGN CLASSIFICATION UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE ENGINEER.

G) SPECIFIC SERVICE (LOGO) SIGNING - ALL COPY, DIVIDER BORDERS, LOGOS AND ARROWS SHALL BE DEMOUNTABLE ALUMINUM OVERLAYS. .032 MINIMUM TO .063 MAXIMUM. ALL RETROREFLECTIVE SHEETING ELEMENTS OF THESE SIGNS SHALL MEET OR EXCEED THE REQUIREMENTS FOR ASTM TYPE IX (9). DISTANCES ON DIRECTIONAL ARROWS WHEN SPECIFIED SHALL BE BLACK. THE OVERLAYS ARE TO BE APPLIED WITH .125 ALUMINUM POP RIVETS TO THE BODY OF THE MAIN SIGN.

H) 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:

Table with columns: LONGEST DIMENSION, MINIMUM THICKNESS. Rows: UP TO 12", GREATER THAN 12" TO 24", GREATER THAN 24" TO 36", GREATER THAN 36" TO 48", OVER 48".

SHA TRACKING NO. 21APM0008X PLANS ARE APPROVED FOR A PERIOD OF 1 YEAR SN - 01

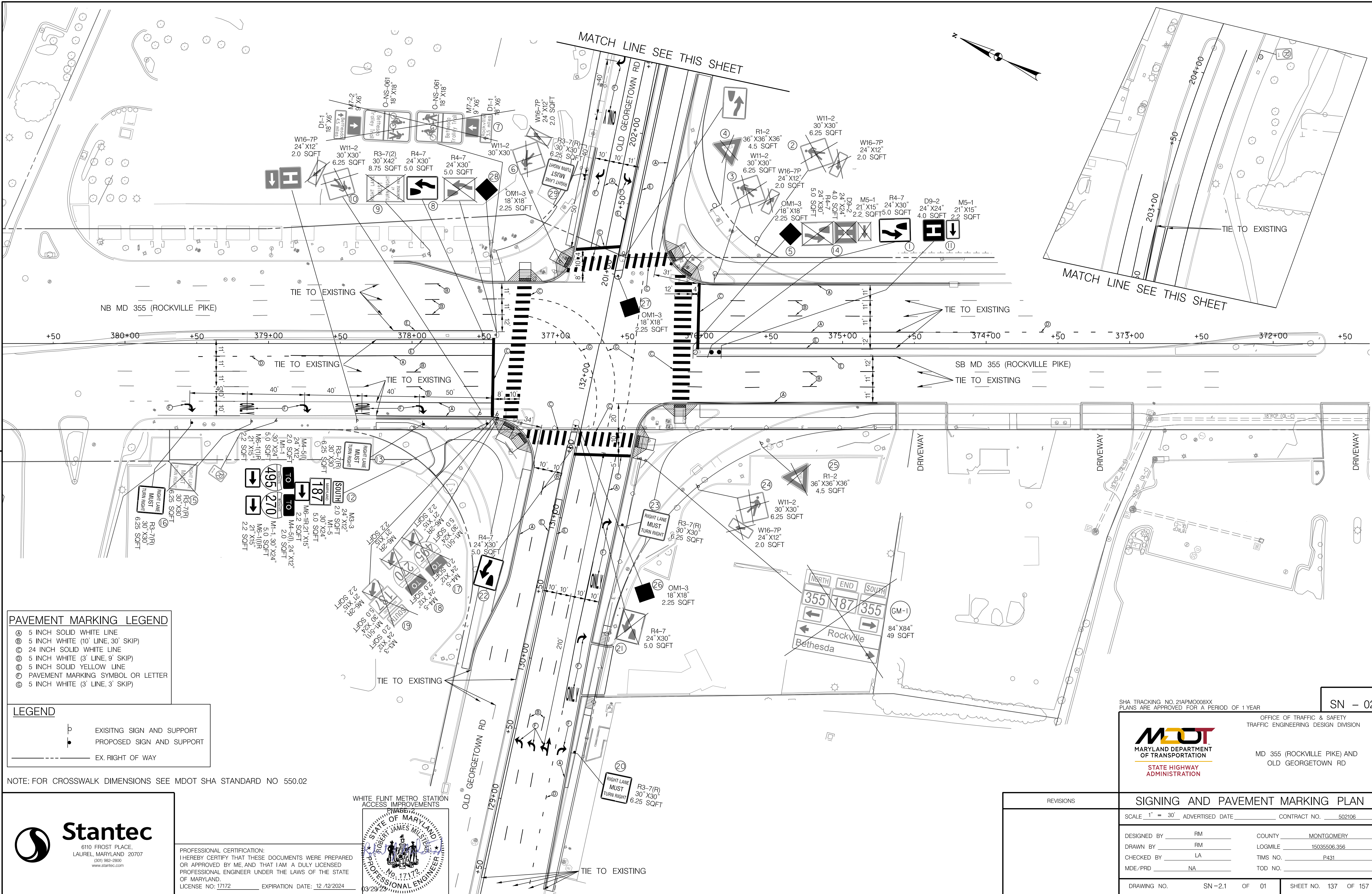
MDOT MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 355 (ROCKVILLE PIKE) AND OLD GEORGETOWN RD

Table with columns: APPROVALS, REVISIONS, SIGNING AND PAVEMENT MARKING PLAN. Includes rows for TEAM LEADER, ASST. DIV. CHIEF, DIVISION CHIEF, OFFICE DIRECTOR and project details like SCALE, ADVERTISED DATE, CONTRACT NO., DESIGNED BY, COUNTY, DRAWN BY, LOGMILE, CHECKED BY, TIMS NO., MDE/PRD, NA, TOD NO., DRAWING NO., SN-1 OF 1, SHEET NO. 136 OF 157.



WHITE FLINT METRO STATION ACCESS IMPROVEMENTS PHASE 2





**PAVEMENT MARKING LEGEND**

- ④ 5 INCH SOLID WHITE LINE
- ⑤ 5 INCH WHITE (10' LINE, 30' SKIP)
- ⑥ 24 INCH SOLID WHITE LINE
- ⑦ 5 INCH WHITE (3' LINE, 9' SKIP)
- ⑧ 5 INCH SOLID YELLOW LINE
- ⑨ PAVEMENT MARKING SYMBOL OR LETTER
- ⑩ 5 INCH WHITE (3' LINE, 3' SKIP)

**LEGEND**

- ⊕ EXISTING SIGN AND SUPPORT
- ⊖ PROPOSED SIGN AND SUPPORT
- EX. RIGHT OF WAY

NOTE: FOR CROSSWALK DIMENSIONS SEE MDOT SHA STANDARD NO 550.02

6110 FROST PLACE,  
LAUREL, MARYLAND 20707  
(301) 982-2800  
www.stantec.com

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
OR APPROVED BY ME, AND THAT I AM A DULY LICENSED  
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
OF MARYLAND.  
LICENSE NO: 17172 EXPIRATION DATE: 12/12/2024

SHA TRACKING NO. 21APM00089X  
PLANS ARE APPROVED FOR A PERIOD OF 1 YEAR  
SN - 02

OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 355 (ROCKVILLE PIKE) AND  
OLD GEORGETOWN RD  
STATE HIGHWAY  
ADMINISTRATION

REVISIONS		SIGNING AND PAVEMENT MARKING PLAN	
SCALE 1" = 30'		ADVERTISED DATE	CONTRACT NO. 502106
DESIGNED BY RM	COUNTY MONTGOMERY		
DRAWN BY RM	LOGMILE 15035506.356		
CHECKED BY LA	TIMS NO. P431		
MDE/PRD NA	TOD NO.		
DRAWING NO. SN-2.1	OF 01	SHEET NO. 137	OF 157

SHEET NO.	REMARKS	CODE NUMBERS *											
		1	2	3	4	5	6	7	8	9	10		
SN-02													
①	R4-7 (24"X30")	1- PERFORATED TUBULAR STEEL POST	5.0					I	I				
②	W11-2 (30"X30"), W16-7P (24"X12")	EXISTING TO BE REMOVED		8.3									
③	W11-2 (30"X30"), W16-7P (24"X12")	EXISTING TO BE REMOVED		8.3									
④	R1-2 (36"X36"X36")	EXISTING TO BE REMOVED		4.5									
⑤	OMI-3 (18"X18")	1- PERFORATED TUBULAR STEEL POST	2.3					I	I				
⑥	W11-2 (30"X30"), W16-7P (24"X12")	EXISTING TO BE REMOVED		8.3									
⑦	Bethesda Trolley Trail (18"X18"), M7-2 (9"X6"), DI-1 (18"X6"), Bethesda Trolley Trail (18"X18"), M7-2 (9"X6"), DI-1 (18"X6)EXISTING TO BE REMOVED			6.8									
⑧	R4-7 (24"X30")		5.0	5.0				I	I				
⑨	R3-7(2)R (36"X36")	EXISTING											
⑩	W11-2 (30"X30"), W16-7P (24"X12")	EXISTING TO BE REMOVED		8.3									
⑪	D9-2 (24"X24"), M5-1 (21"X15")	1- PERFORATED TUBULAR STEEL POST	6.2					I	I				
⑫	M3-3 (24"X12"), M1-5 (30"X24"), M6-1R (21"X15"), M4-5(1) (24"X12"), M1-1 (30"X24"), M6-1(1)R (21"X15"), M4-5(1) (24"X12"), M1-1 (30"X24"), M6-1(1)R (21"X15")	1- BREAKAWAY 6' X8' WOOD POST			22								
⑬	R3-7R (30"X30")	1- PERFORATED TUBULAR STEEL POST	6.3					I	I				
⑭	R4-7 (24"X30"), D9-2 (24"X24"), M5-1 (21"X15")	EXISTING TO BE REMOVED		11.2									
⑮	R3-7(R) (30"X30")	EXISTING TO BE REMOVED		6.3									
⑯	R3-7(R) (30"X30")	1- PERFORATED TUBULAR STEEL POST	6.3					I	I				
⑰	M4-5 (24"X12"), M1-1 (30"X24"), M6-2R (21"X15")	EXISTING TO BE REMOVED		9.2									
⑱	M4-5 (24"X12"), M1-1 (30"X24"), M6-2R (21"X15")	EXISTING TO BE REMOVED		9.2									
⑲	M3-3 (24"X12"), M1-5(1) (30"X24"), M6-2R (21"X15")	EXISTING TO BE REMOVED		9.2									
⑳	R3-7(R) (30"X30")	1- PERFORATED TUBULAR STEEL POST	6.3					I	I				
㉑	R4-7 (24"X30")	EXISTING TO BE REMOVED		5									
㉒	R4-7 (24"X30")	1- PERFORATED TUBULAR STEEL POST	5					I	I				
㉓	R3-7(R) (30"X30")	1- PERFORATED TUBULAR STEEL POST	6.3					I	I				
㉔	W11-2 (30"X30"), W16-7P (24"X12")	EXISTING TO BE REMOVED		8.3									
㉕	R1-2 (36"X36"X36")	EXISTING TO BE REMOVED		4.5									
㉖	OMI-3 (18"X18")	1- PERFORATED TUBULAR STEEL POST	2.3					I	I				
㉗	OMI-3 (18"X18")	1- PERFORATED TUBULAR STEEL POST	2.3					I	I				
㉘	OMI-3 (18"X18")	1- PERFORATED TUBULAR STEEL POST	2.3					I	I				
㉙	R3-7(R) (30"X30")	1- PERFORATED TUBULAR STEEL POST	6.3					I	I				
GMI	(84"X84")	EXISTING TO BE REMOVED		49									
	PAVEMENT MARKINGS								1832	1257	806	300	
	TOTAL		91.8	161.4	22			13	13	1832	1257	806	300

R4-7(1) (18"X30")


D9-2 (24"X24"), M6-1 (21"X15")

R7-1(1) (12"X18")

SHA TRACKING NO. 21APM0008XX  
PLANS ARE APPROVED FOR A PERIOD OF 1 YEAR

SN - 03

OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION



MARYLAND DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

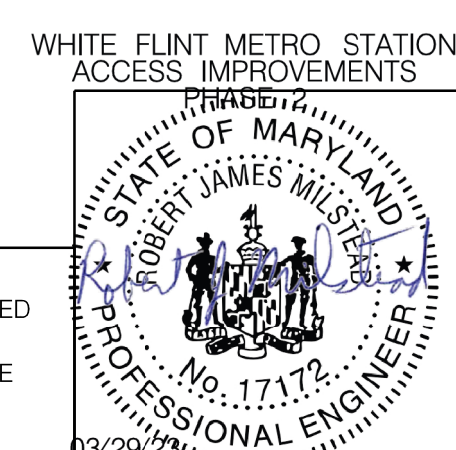
MD 355 (ROCKVILLE PIKE) AND OLD GEORGETOWN RD

* CODE NUMBER DESCRIPTION & UNIT		
CODE NUMBERS	DESCRIPTION	UNIT
1	F&I SHEET ALUMINUM SIGNS	S.F.
2	REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORTS	S.F.
3	BREAKWAY WOOD SIGN SUPPORTS 6'X8"	L.F.
4	BREAKWAY WOOD SIGN SUPPORTS 4'X6"	L.F.
5	F&I SQUARE PERFORATED TUBULAR STEEL POST	E.A.
6	F&I ANCHOR BASES FOR SQUARE PERFORATED TUBULAR STEEL POST	E.A.
7	5 INCH WHITE THERMOPLASTIC PAVEMENT MARKINGS	L.F.
8	5 INCH YELLOW THERMOPLASTIC PAVEMENT MARKINGS	L.F.
9	24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS	L.F.
10	WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS	S.F.

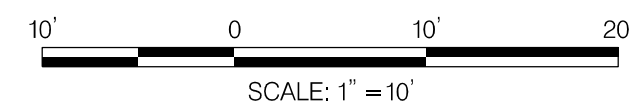
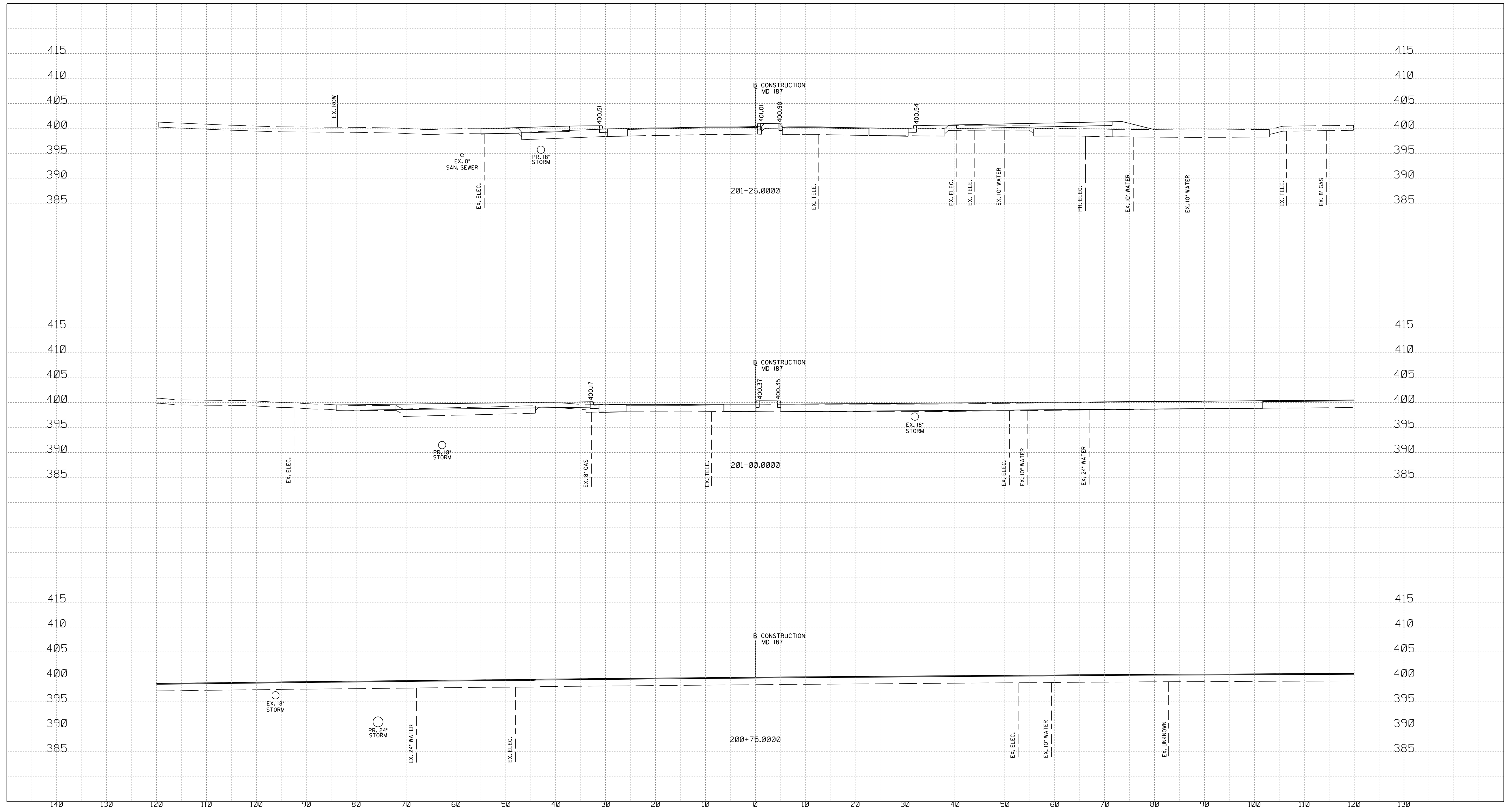
REVISIONS		SIGNING & PAVEMENT MARKING QUANTITIES	
SCALE NA ADVERTISED DATE _____ CONTRACT NO. 502106		DESIGNED BY _____ COUNTY MONTGOMERY	
DRAWN BY _____ LOGMILE 15035506.356		CHECKED BY _____ TMS NO. P431	
MDE/PRD NA TOD NO. _____		DRAWING NO. SN-11- 01 OF 01	
		SHEET NO. 138 OF 157	



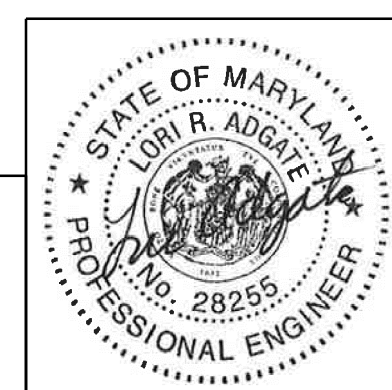
PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
OR APPROVED BY ME, AND THAT I AM A DULY LICENSED  
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
OF MARYLAND.  
LICENSE NO: 17172 EXPIRATION DATE: 12/12/2024



12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pHC-X002-WF Metro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APM008XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

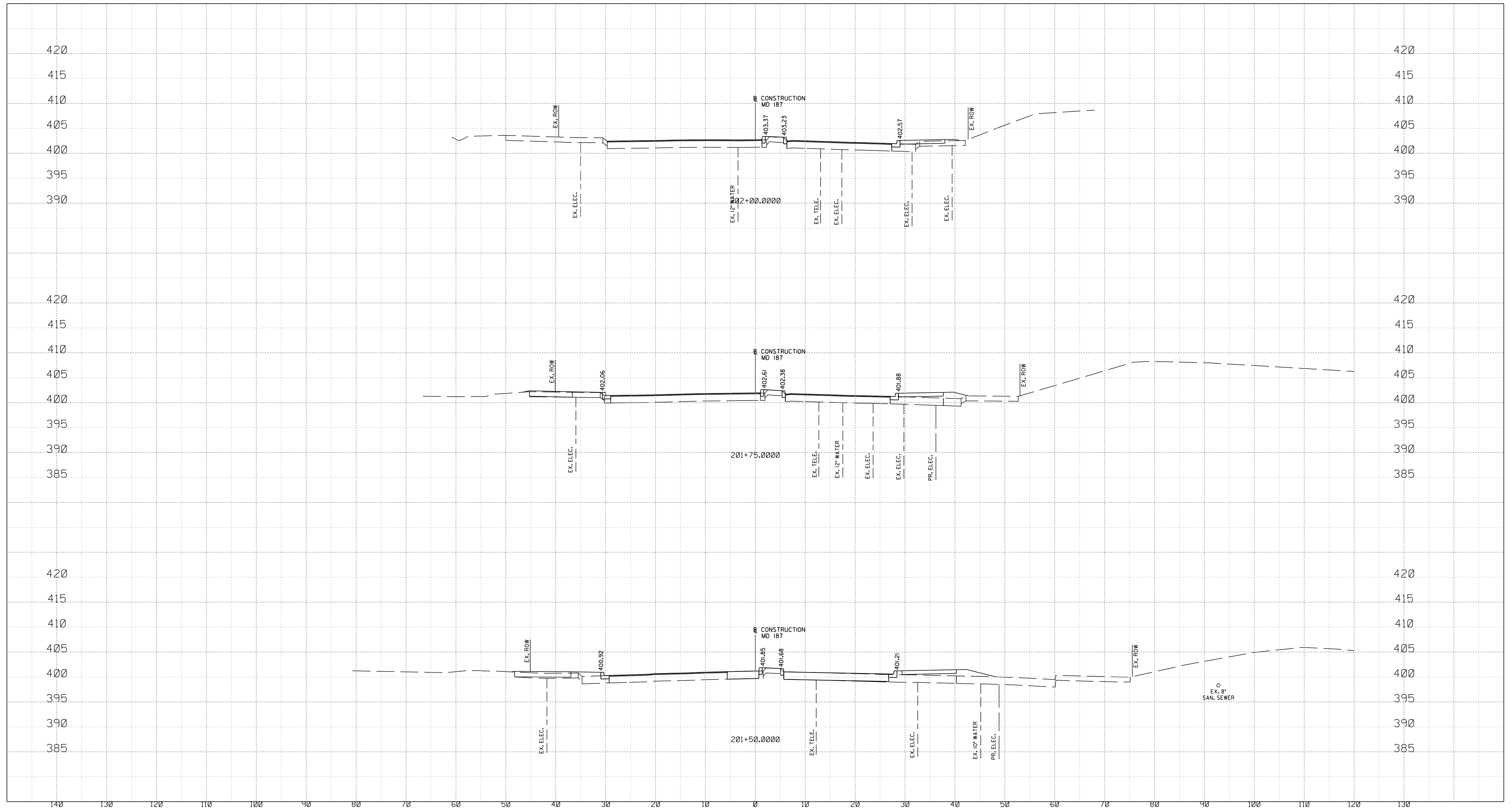
Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

SCALE : 1" = 10' DATE : JUNE 2023  
 Project No. : 502106 SHEET 139 of 157

XS-01

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pHC-X002-WF Metro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

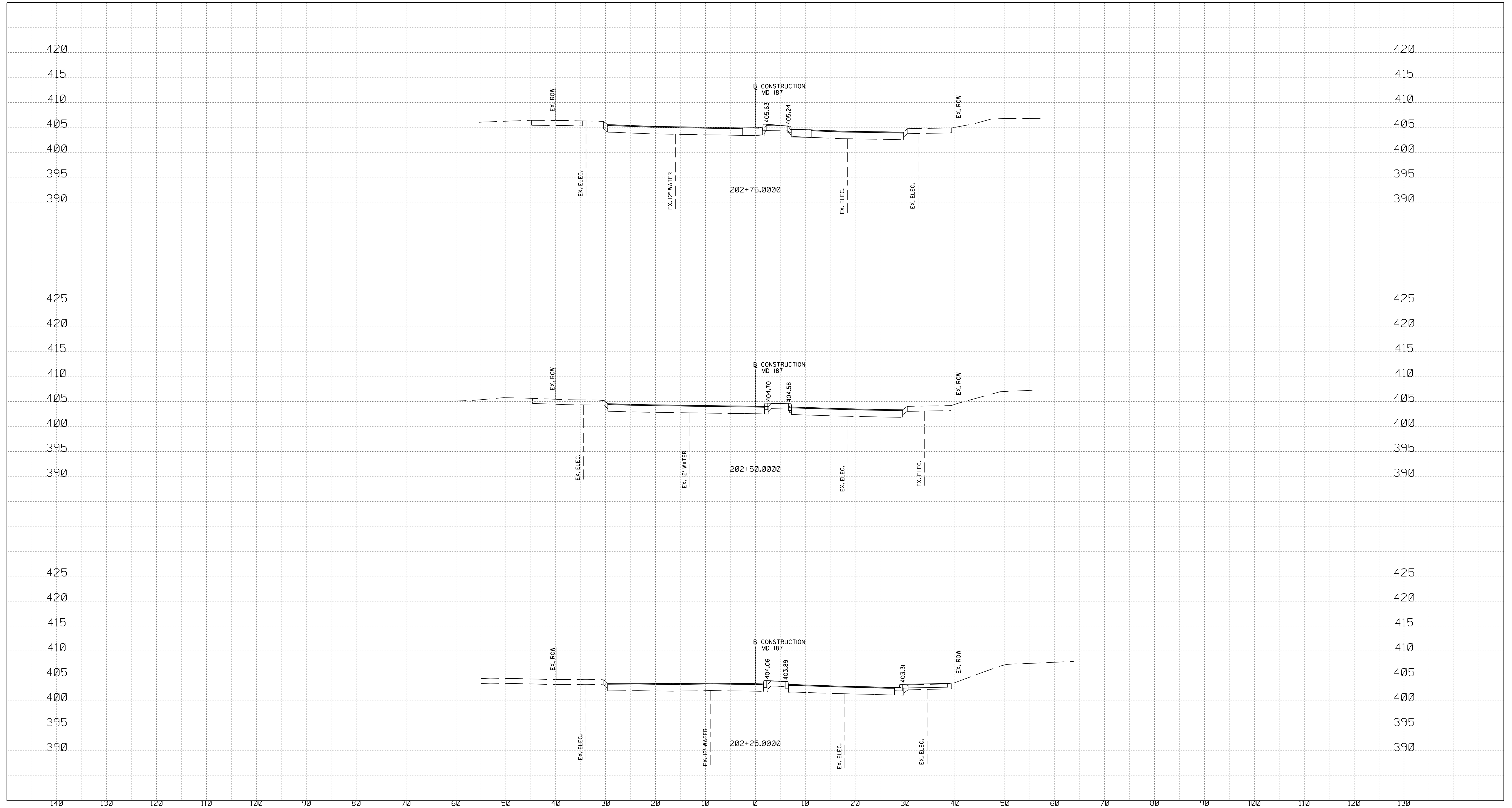
XS-02

WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

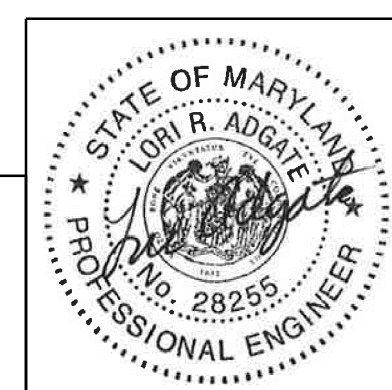
SCALE : 1" = 10' DATE : JUNE 2023

Project No. : 502106 SHEET 140 of 157

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pHC-X002-WF Metro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 28255      EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

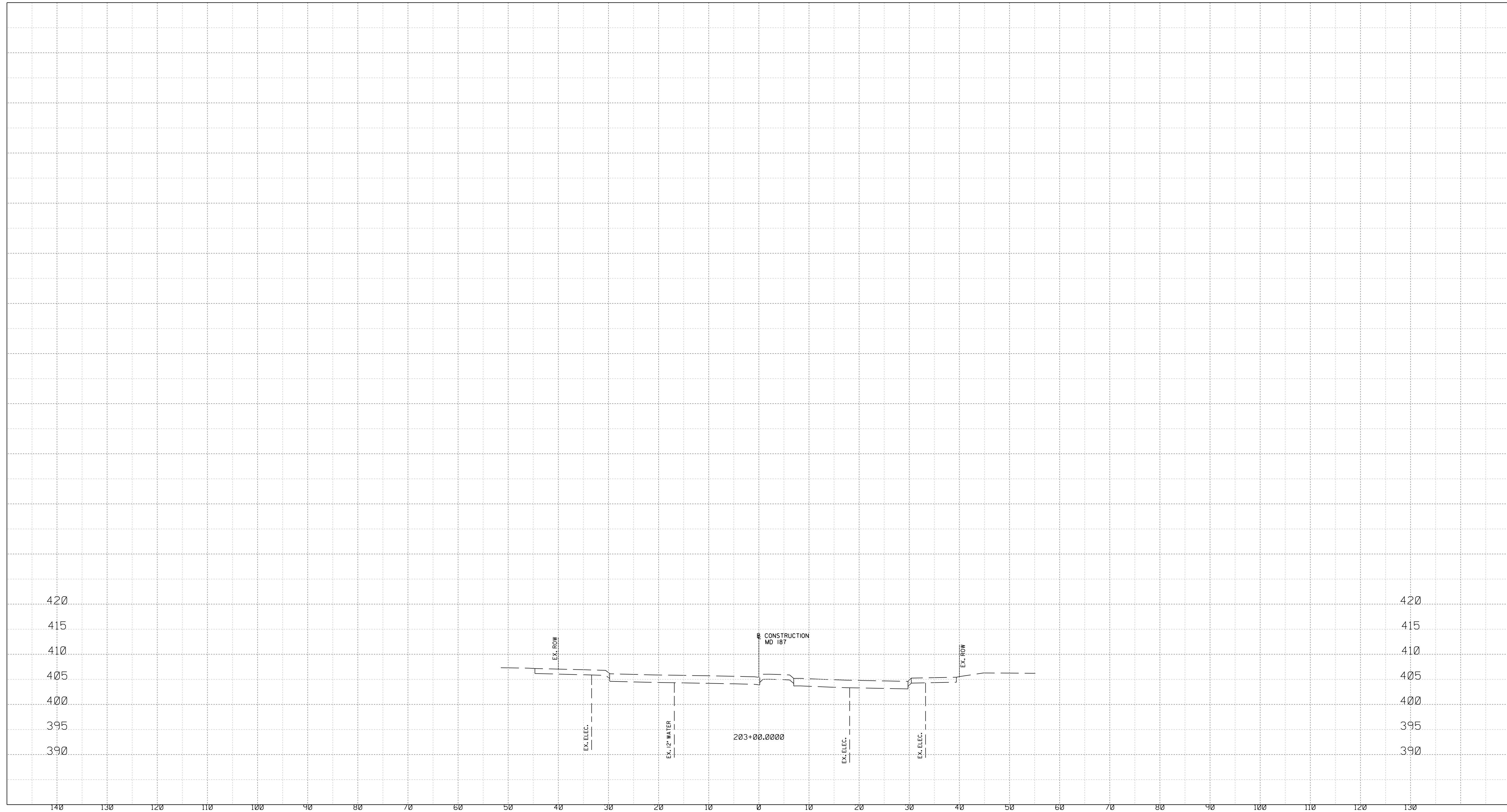
WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

SCALE : 1" = 10'      DATE : JUNE 2023

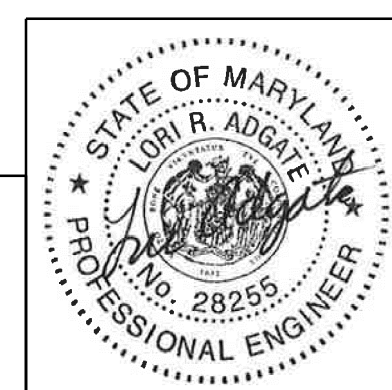
Project No. : 502106      SHEET 141 of 157

XS-03

12/15/2023  
U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pHC-X002-WF Metro.dgn



PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION ENGINEERING  
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by : \_\_\_\_\_ Drawn by : \_\_\_\_\_ Checked by : \_\_\_\_\_

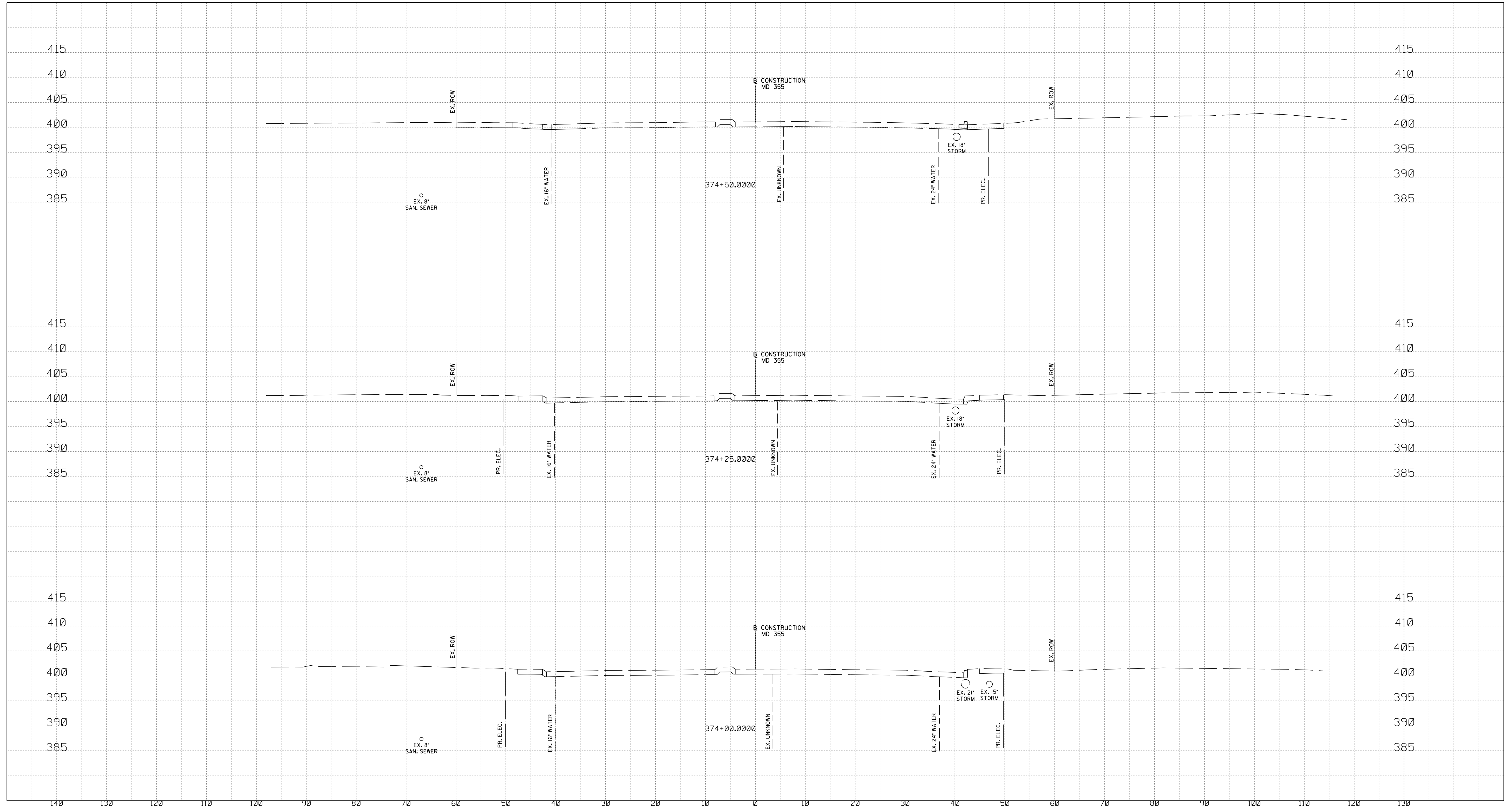
XS-04

WHITE FLINT STATION  
PEDESTRIAN ACCESS IMPROVEMENTS  
ROADWAY CROSS SECTIONS

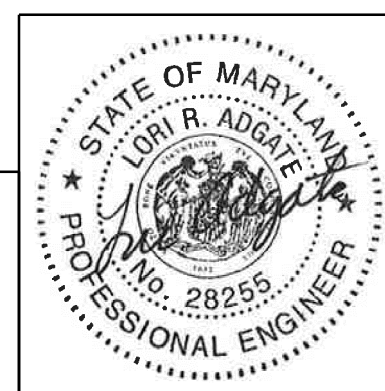
SCALE : 1" = 10' DATE : JUNE 2023

Project No. : 502106 SHEET 142 of 157

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pHC-X003\_WFMetro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

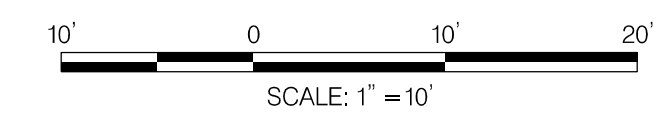
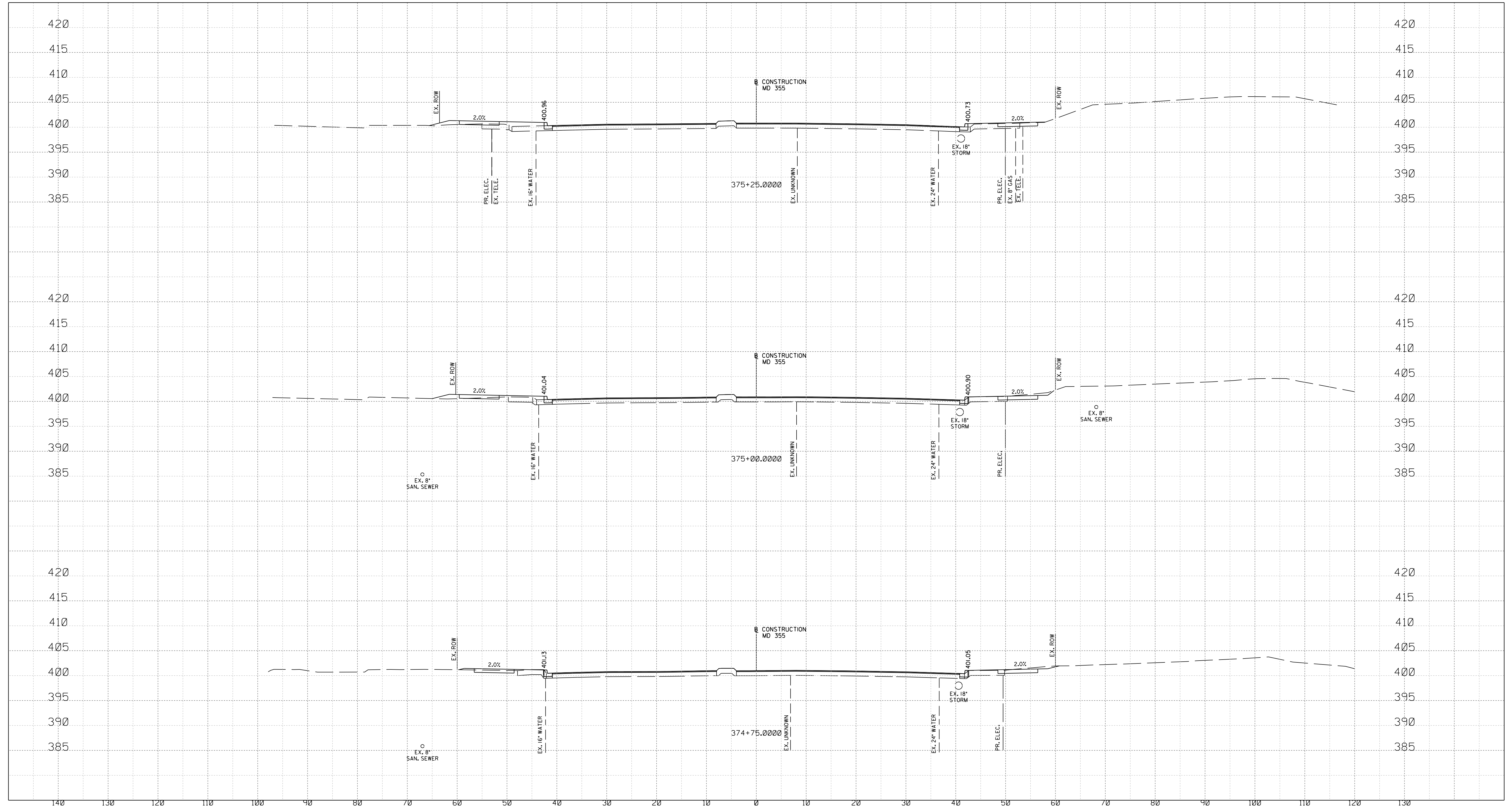
Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

SCALE : 1" = 10' DATE : JUNE 2023  
 Project No. : 502106 SHEET 143 of 157

XS-05

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pHC-X003\_WF Metro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

XS-06

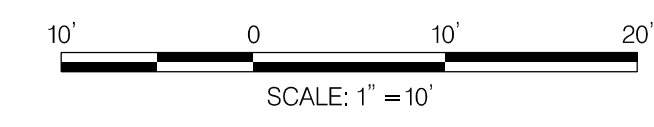
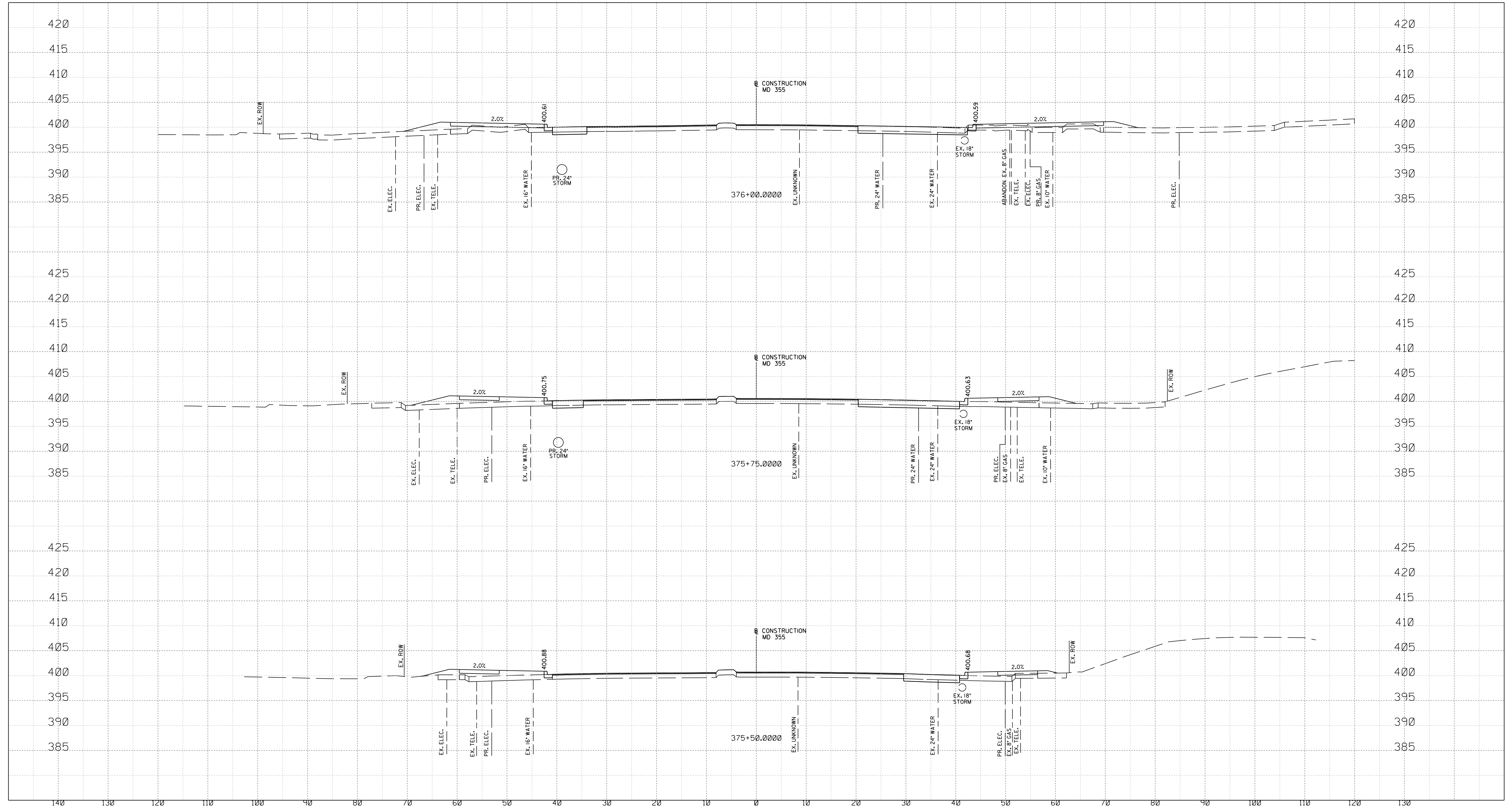
WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

SCALE : 1" = 10' DATE : JUNE 2023

Project No. : 502106 SHEET 144 of 157



12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pHC-X003\_WF Metro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

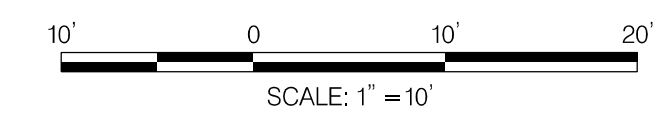
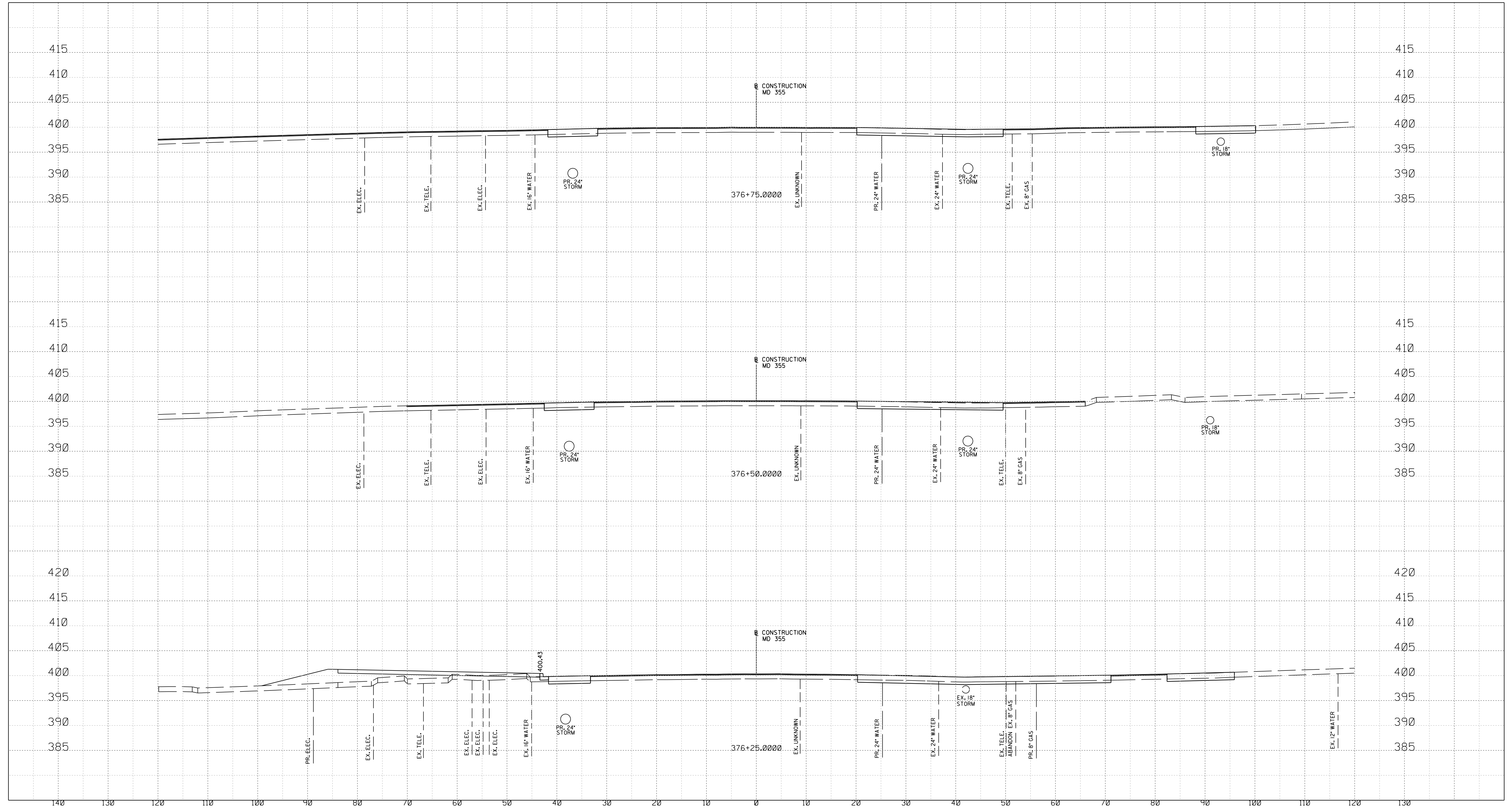
XS-07

WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

SCALE : 1" = 10' DATE : JUNE 2023

Project No. : 502106 SHEET 145 of 157

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pHC-X003\_WF Metro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

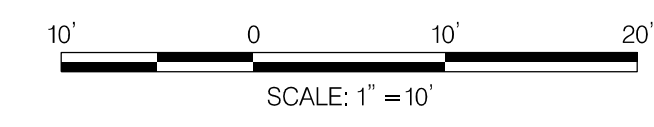
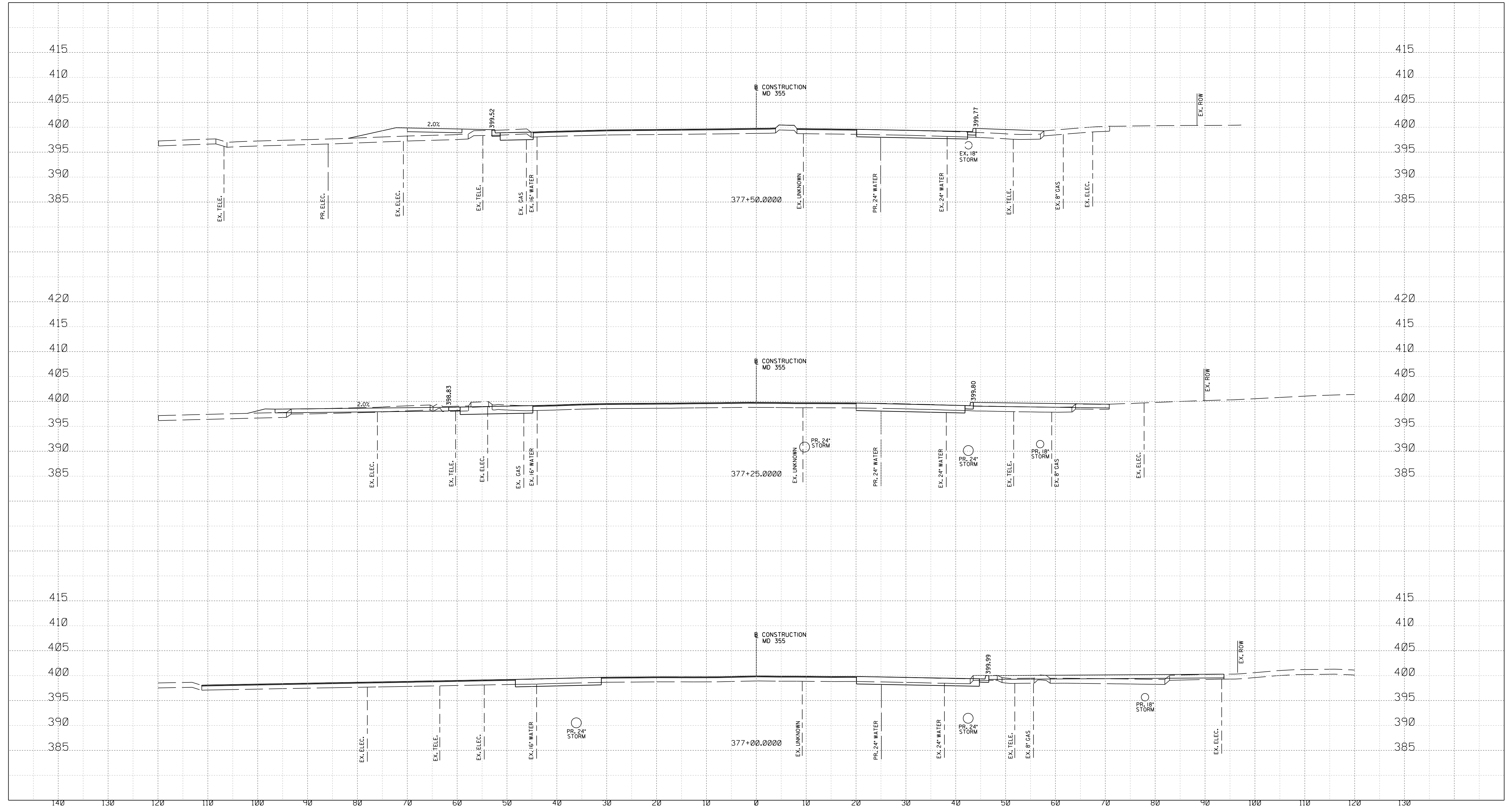
Designed by : \_\_\_\_\_ Drawn by : \_\_\_\_\_ Checked by : \_\_\_\_\_

XS-08

WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

SCALE : 1" = 10' DATE : JUNE 2023  
 Project No. : 502106 SHEET 146 of 157

12/15/2023  
 U:\2026\213204\700 CADD\701 Sheet\Phase 2\pHC-X003\_WFMetro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

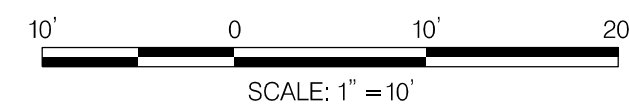
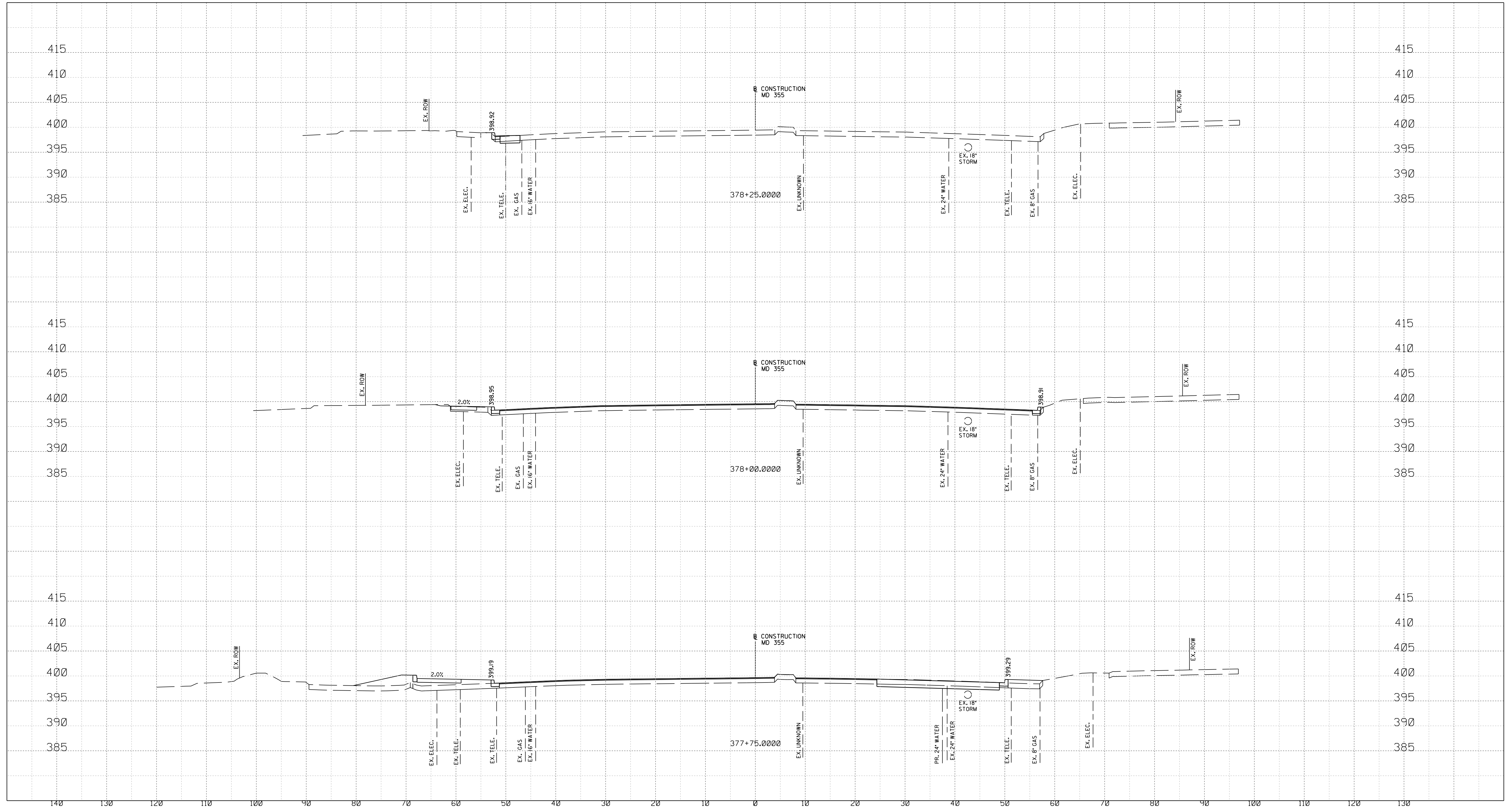
Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

XS-09

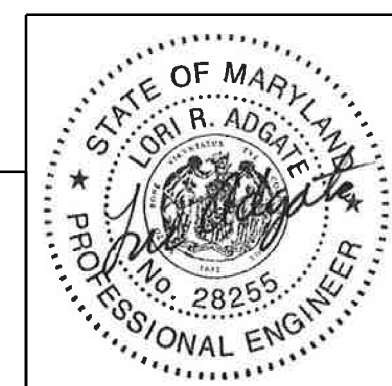
WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

SCALE : 1" = 10' DATE : JUNE 2023  
 Project No. : 502106 SHEET 147 of 157

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pHC-X003\_WF Metro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

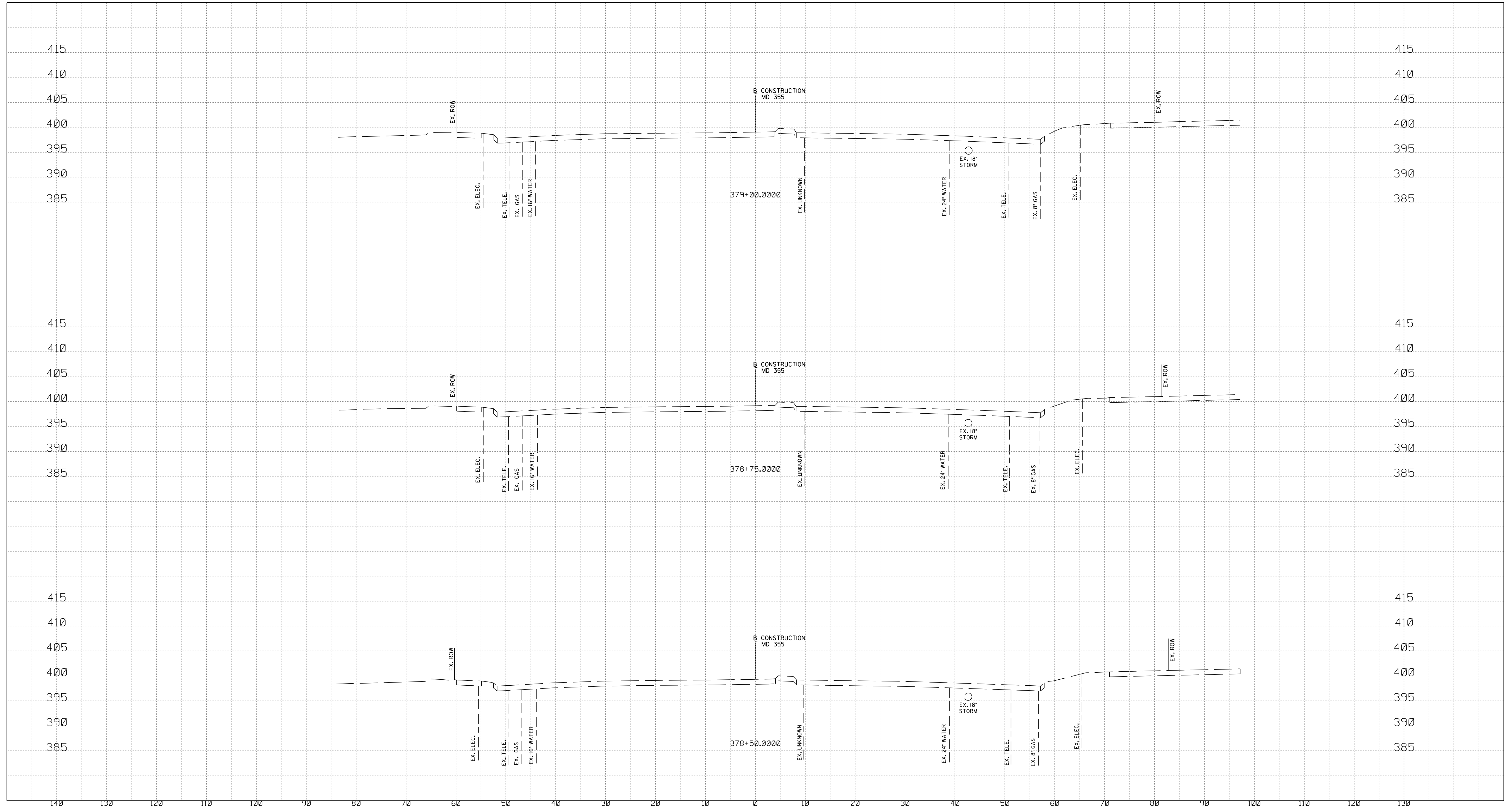
XS-10

WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

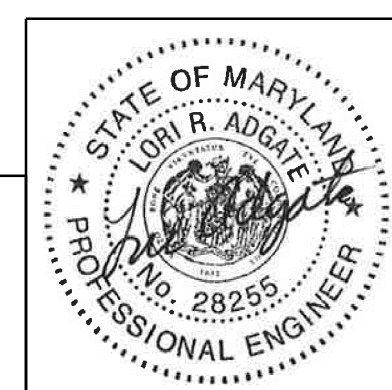
SCALE : 1" = 10' DATE : JUNE 2023

Project No. : 502106 SHEET 148 of 157

12/15/2023  
 UA\2026213204\700\_CADD\701\_Sheet\Phase 2\pHC-X003\_WF Metro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED  
 OR APPROVED BY ME AND THAT I AM A DULY LICENSED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE  
 OF MARYLAND.  
 LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

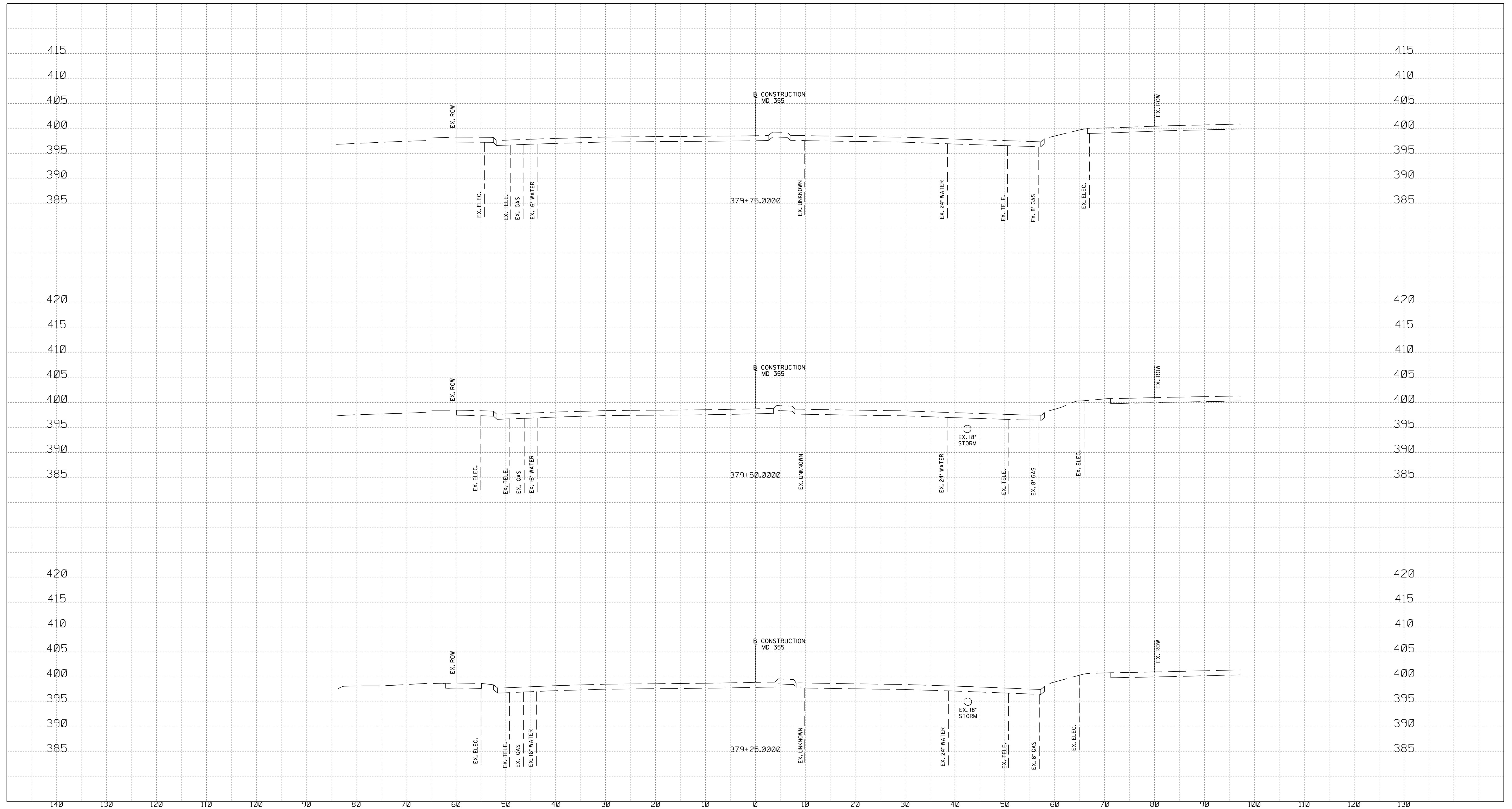
XS-11

WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

SCALE : 1" = 10' DATE : JUNE 2023

Project No. : 502106 SHEET 149 of 157

12/15/2023  
 U:\2026213204\700\_CADD\701\_Sheet\Phase 2\pHC-X003\_WF Metro.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

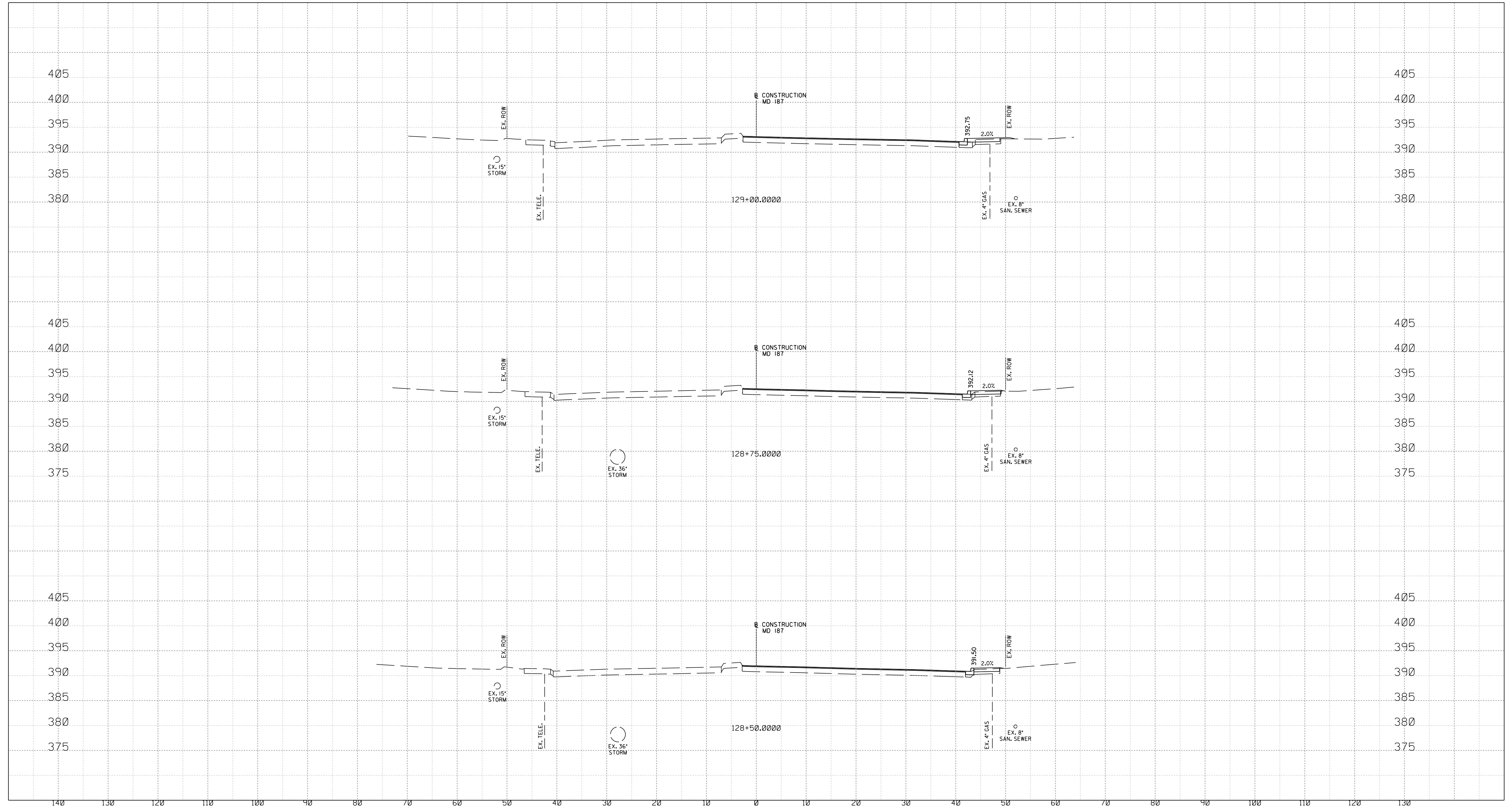
WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

SCALE : 1" = 10' DATE : JUNE 2023

Project No. : 502106 SHEET 150 of 157

XS-12

12/15/2023  
 UA\2026213204\700\_CADD\701\_Sheet\Phase 2\pHC-X001\_WFMeTrc.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

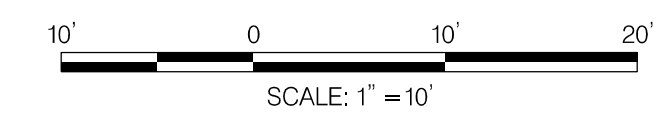
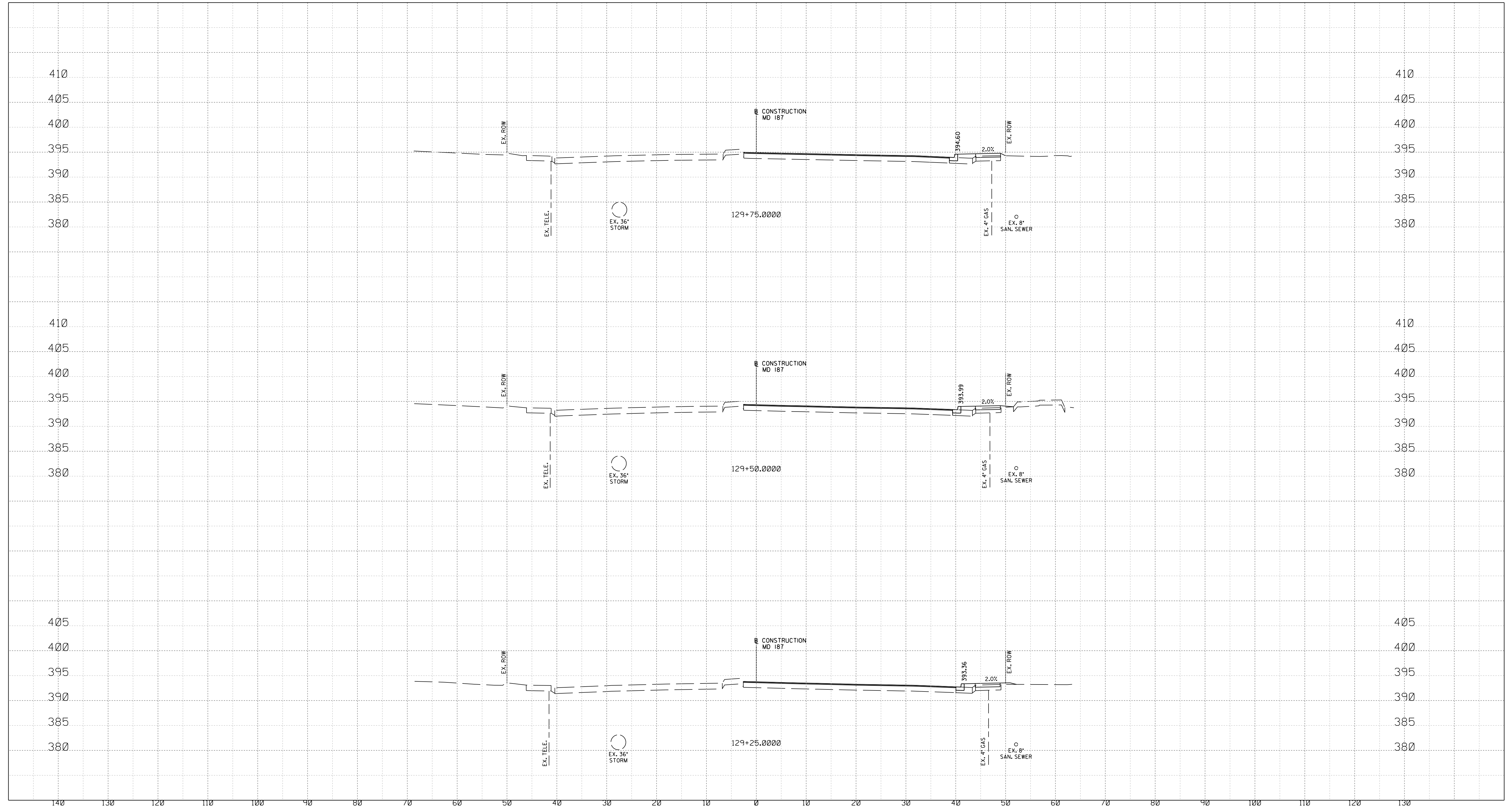
Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

SCALE : 1" = 10' DATE : JUNE 2023  
 Project No. : 502106 SHEET 151 of 157

XS-13

12/15/2023  
 UA\2026213204\700\_CADD\701\_Sheet\Phase 2\pHC-X001\_WFMeTrc.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO.: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

XS-14

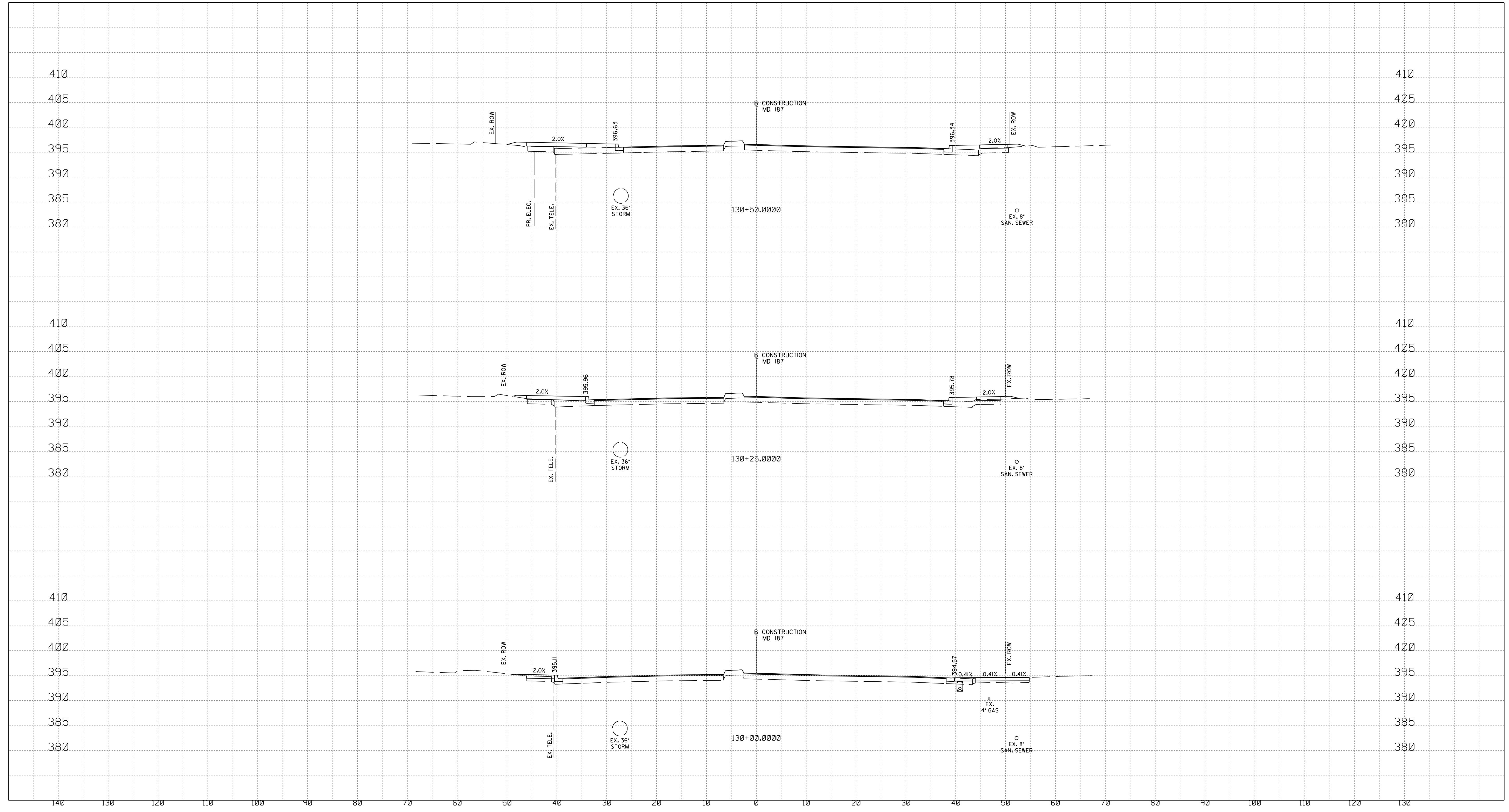
WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

SCALE : 1" = 10' DATE : JUNE 2023

Project No. : 502106 SHEET 152 of 157



12/15/2023  
 UA\2026213204\700\_CADD\701\_Sheet\Phase 2\pHC-X001\_WFMeTrc.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

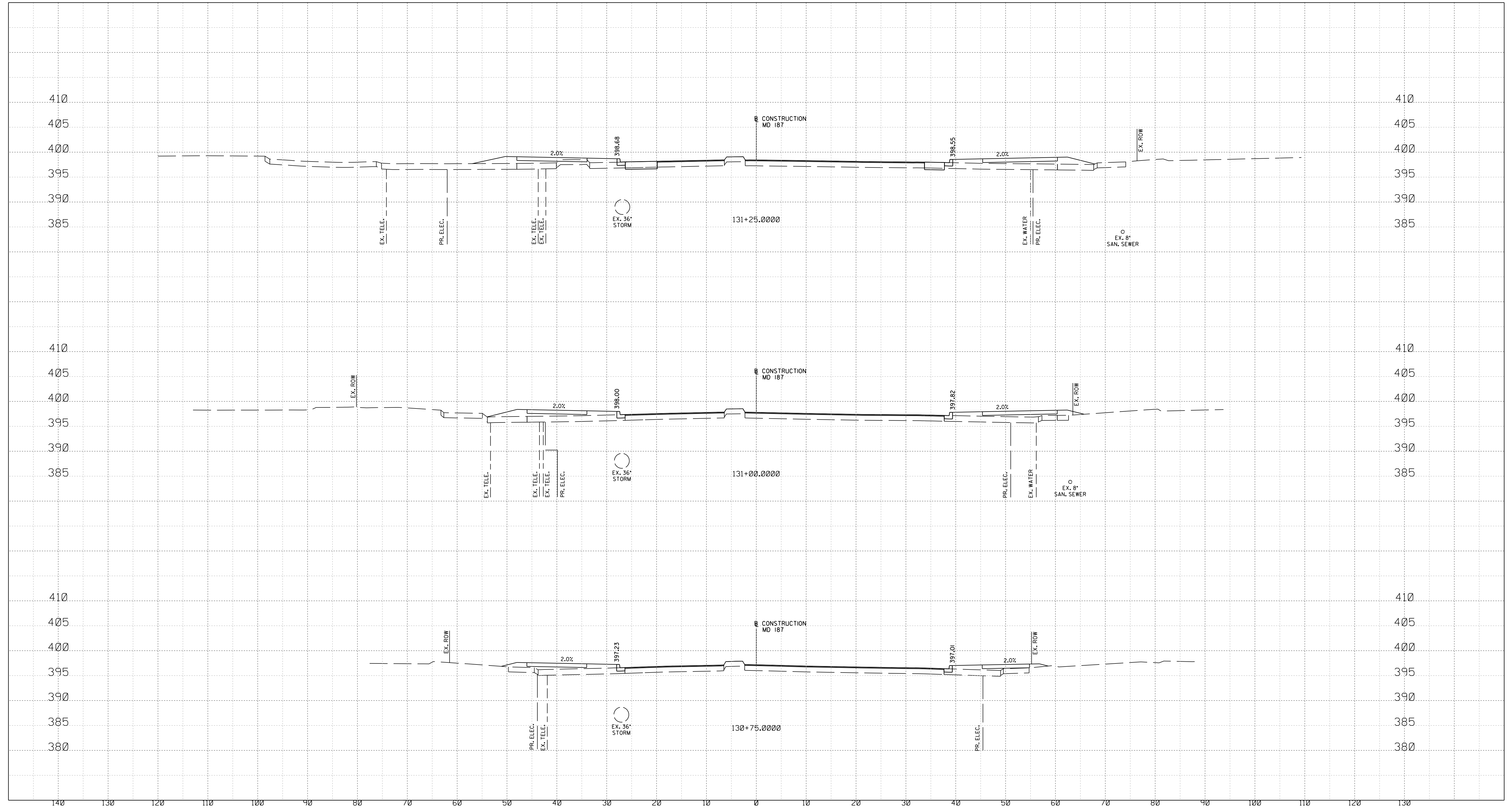
Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

SCALE : 1" = 10' DATE : JUNE 2023  
 Project No. : 502106 SHEET 153 of 157

XS-15

12/15/2023  
 UA\2026213204\700\_CADD\701\_Sheet\Phase 2\pHC-X001\_WFMeTrc.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

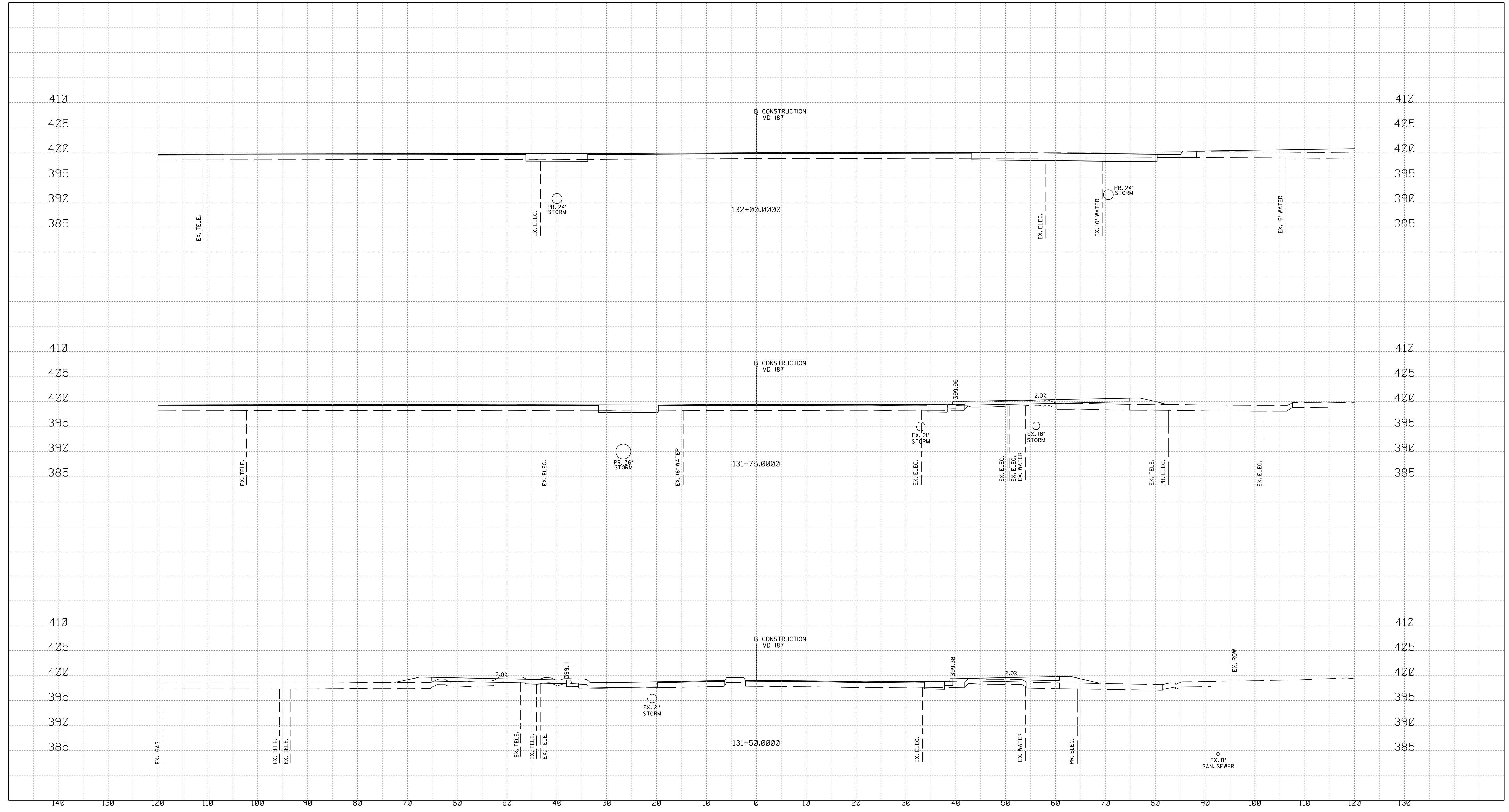
Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

XS-16

WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

SCALE : 1" = 10' DATE : JUNE 2023  
 Project No. : 502106 SHEET 154 of 157

12/15/2023  
 UA\2026213204\700 CADD\701 Sheet\Phase 2\pHC-X001\_WFMeTrc.dgn



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 28255 EXPIRATION DATE: 06-30-2024



NO.	REVISION	DATE	BY

SHA TRACKING NO. 21APMO08XX

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 DIVISION OF TRANSPORTATION ENGINEERING  
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section \_\_\_\_\_ Date \_\_\_\_\_  
 APPROVED

Chief, Division of Transportation Engineering \_\_\_\_\_ Date \_\_\_\_\_

Designed by: \_\_\_\_\_ Drawn by: \_\_\_\_\_ Checked by: \_\_\_\_\_

XS-17

WHITE FLINT STATION  
 PEDESTRIAN ACCESS IMPROVEMENTS  
 ROADWAY CROSS SECTIONS

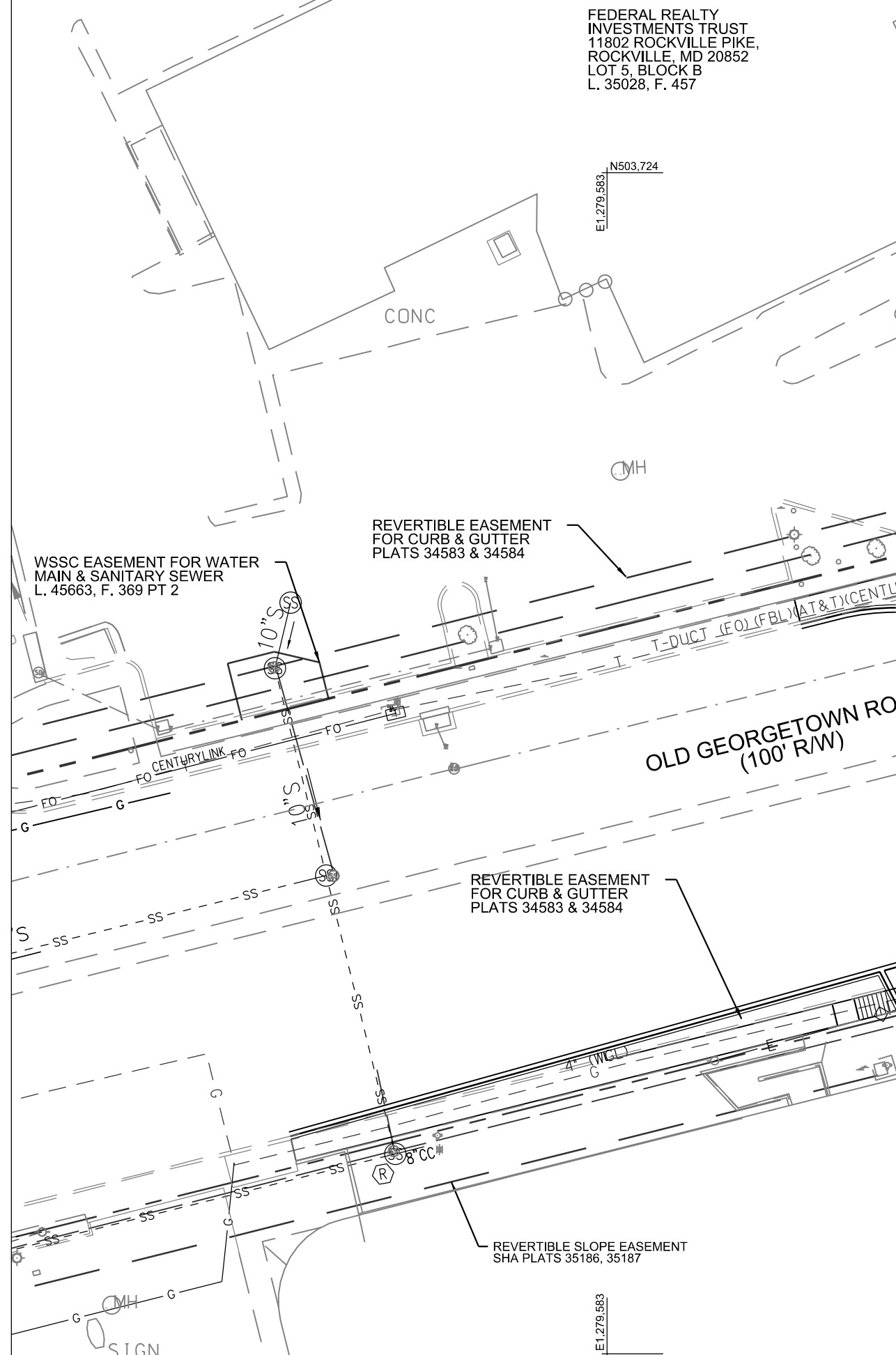
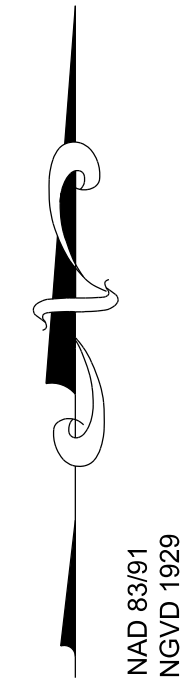
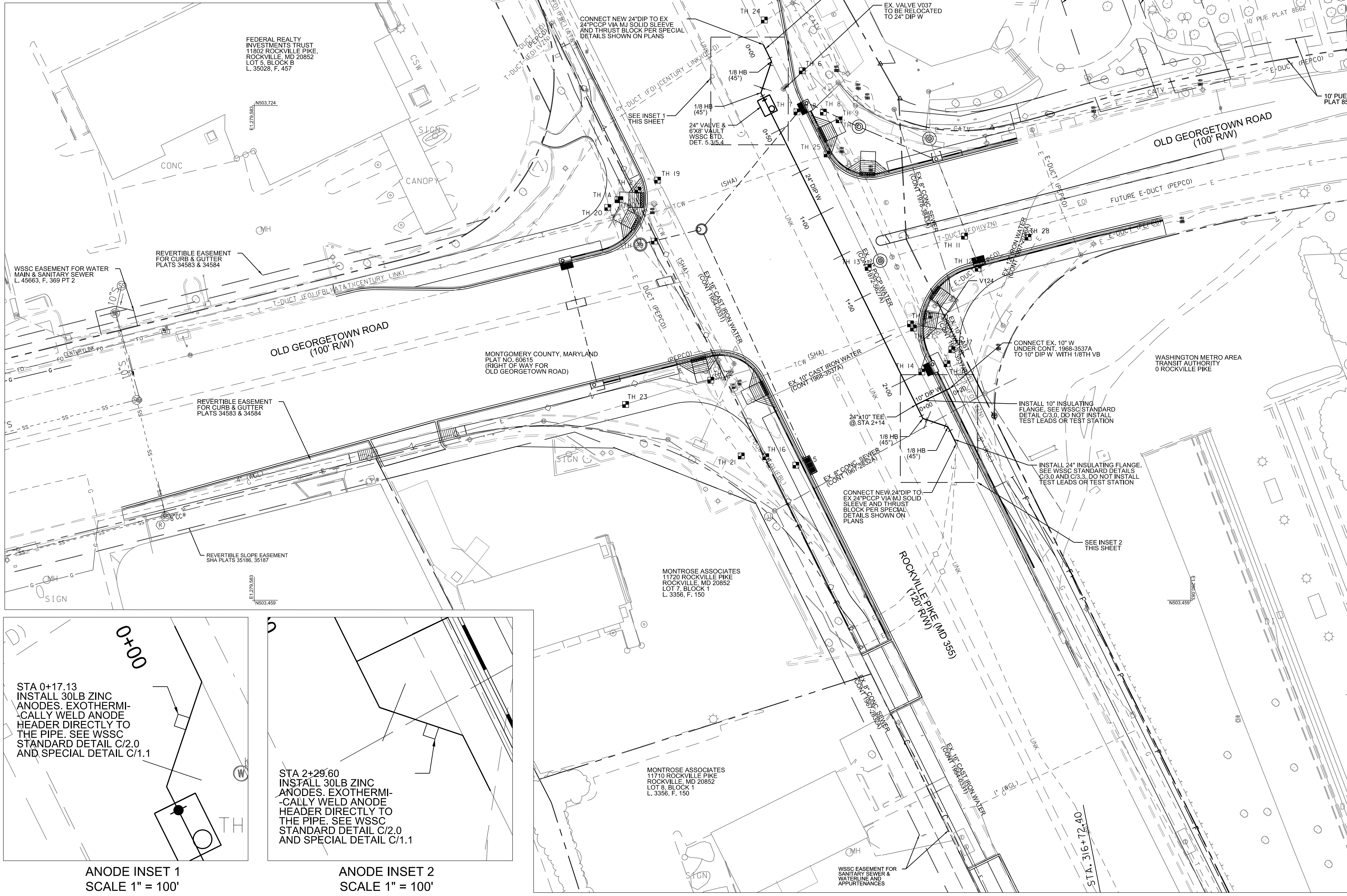
SCALE : 1" = 10' DATE : JUNE 2023  
 Project No. : 502106 SHEET 155 of 157

**GENERAL NOTES**

- All Ductile Iron water mains to be Class 54 with cathodic protection for corrosion control per specifications and as shown on plans, with external coating per WSSC STD SPEC. 02510 Part 2.1.A.3. Do not polyethylene encase the water mains.
- All ductile iron water mains to be class 54 with external tape coating and cathodic protection for corrosion control per specifications and as shown on plans, and do not polyethylene encase the fittings.
- Provide stakeout and survey controls.
- Schedule pre-construction meeting with Contract Manager at (301) 206-7339 and Erosion Sediment Control Inspector at (301) 206-8077 minimum 72 hours in advance of meeting. The Utility Sediment Control Permit will be issued at this meeting.
- Coordinate with Maryland Transit Administration for work in vicinity of the Purple Line.
- Contractor to provide a list of construction vehicles to be used on site. Note that if any of the vehicles used in the vicinity of the project are not on the WSSC approved list loading calculations will be required for review and approval. Refer to standard notes for work within the vicinity of ex.PCCP.
- Bond all new ductile iron joints except those that are specified to be electrically isolated. See WSSC Std. Detail C/1.0 and C/1.1.

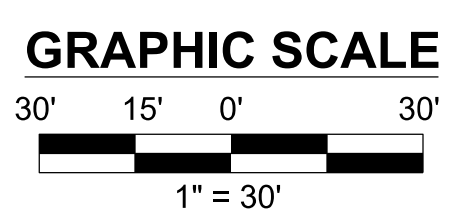
**BLOCKING NOTES**

- For special detail of thrust blocks at connection to existing 24" PCCP, see detail on sheet 03. See WSSC Std. Detail B/3.1
- Restrain all joints on 24" W STA 0+00 to 2+47



BENCHMARK/STATIONS				
NO	ELEVATION	NORTHING	EASTING	DESCRIPTION
1	399.31 (398.53' NAVD 88)	503820.34	1279827.33	EAST SIDE ROCKVILLE PIKE (MD 355) BETWEEN OLD GEORGETOWN ROAD AND PERSEI PLACE

WATER MAIN STAKEOUT TABLE				
STATION	DESCRIPTION	NORTH	EAST	COMMENTS
ROCKVILLE PIKE (SHEET 1)				
0+00.00	24" MJ SOLID SLEEVE	503756.70	1279855.10	CONNECT TO EXISTING 24" W
0+10.00	24" - 1/8 H.B.	503747.71	1279859.46	
0+28.77	24" - 1/8 H.B.	503730.86	1279853.81	
0+32.77	24" VALVE	503726.38	1279856.04	
2+14.28	24"x10" TEE	503563.87	1279936.87	
2+22.55	24" - 1/8 H.B.	503556.46	1279940.55	
2+36.66	24" - 1/8 H.B.	503551.97	1279953.92	
2+46.66	24" MJ SOLID SLEEVE	503543.03	1279958.40	CONNECT TO EXISTING 24" W



**PROFESSIONAL CERTIFICATION**  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NO.: 25768  
EXP. DATE: 6/21/2025

DATE	REVISIONS
	3
DATE	SECTION MANAGER
RELOCATIONS SECTION	
DATE	PROJECT MANAGER:
DATE	REVIEWED BY:
<b>CONTRACT</b>	<b>RE8774A21</b>
200'S 215NW05	NO 1 OF 2

**WASHINGTON SUBURBAN SANITARY COMMISSION**



THESE DOCUMENTS CONTAIN PRIVILEGED AND CONFIDENTIAL INFORMATION WHICH SHALL NOT BE REDISTRIBUTED WITHOUT PRIOR WSSC APPROVAL

**ENGINEER:**  
NAME: STANTEC  
CONTACT: KIM CURRANO  
ADDRESS: 6 MONTGOMERY VILLAGE AVE, 20879  
PHONE: 301-244-4282  
CONTACT EMAIL: KIM.CURRANO@STANTEC.COM

ELECTION DISTRICT No. 9  
**WHITE FLINT WATER RELOCATION**  
ROCKVILLE PIKE & OLD GEORGETOWN ROAD  
NORTH BETHESDA, MONTGOMERY COUNTY, MARYLAND

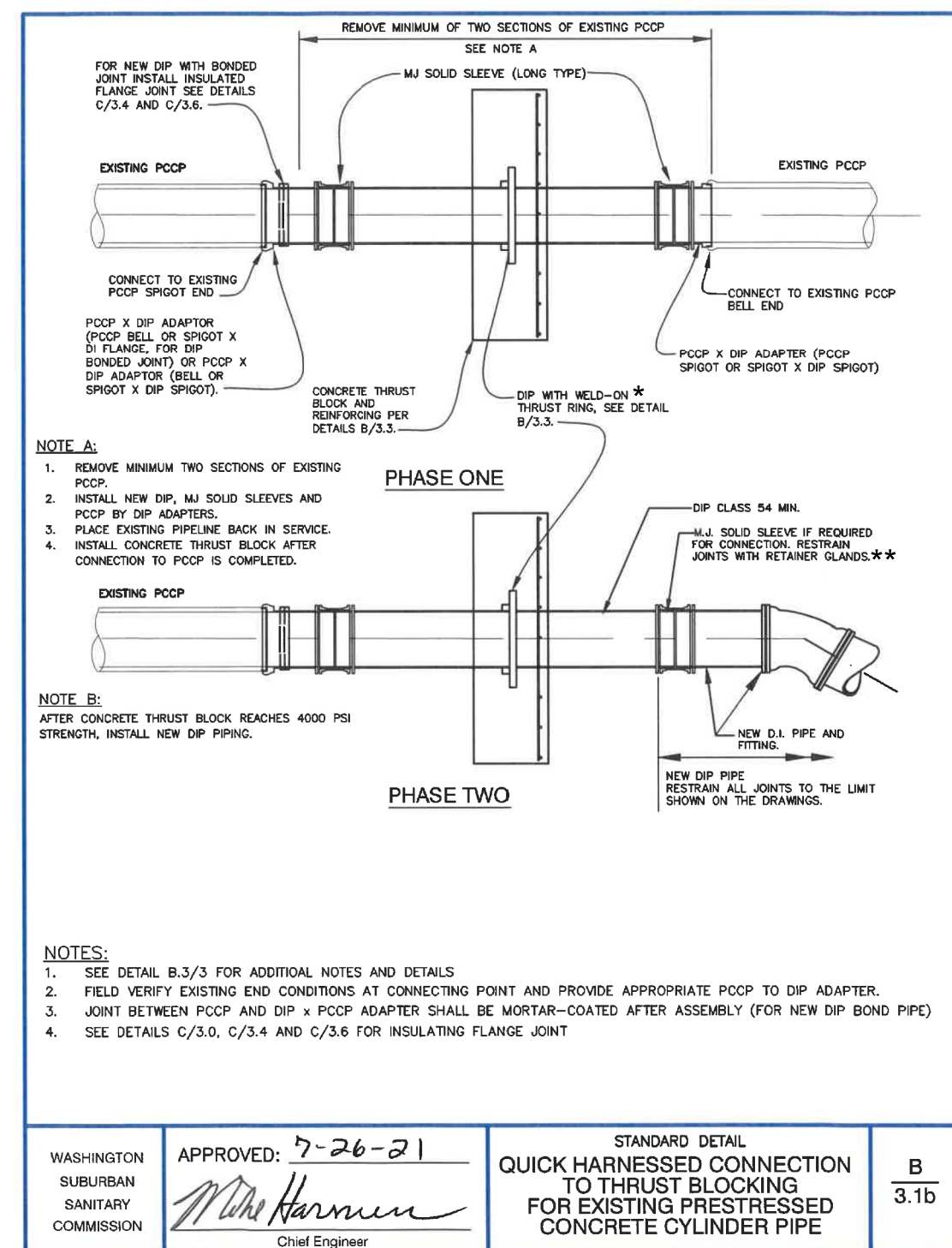
VERIFY SCALE - BAR IS ONE INCH ON ORIGINAL DRAWING 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

**SPECIAL CONSTRUCTION REQUIRMENTS FOR WORK PERFORMED IN THE VICINITY OF EXISTING PCCP WATER MAINS**

- Construction vehicles generating live loads greater than aashto h20 (approx. 40,000 lbs or greater), and any vibratory roller compaction equipment or dynamite explosives, shall not be permitted within 10 feet clear of the outer edge of ex. pccp water main unless approved by wssc.
- The contractor shall submit construction vehicle specifications for all vehicles proposed for use closer than 10 feet clear, or if proposed to cross ex. pccp water mains, to the wssc project manager/contact person for approval prior to commencing work. any vehicle not previously identified during the design review of these plans will require an additional loading analysis review.
- If necessary, hardwood timber mats of appropriate size and thickness (sufficient to fit the largest construction vehicle proposed and 1-foot thick) shall be placed over the existing pccp main to allow wssc approved construction vehicle traffic to cross over the pipeline and safely distribute live loads.
- Stockpiling of soil or other material is not permitted within 10 feet clear of the edge of the row of the ex. mains, to prevent row encroachment.
- The contractor shall locate and stakeout the ex. pccp water mains and edge of the row and maintain the markers during construction, unless otherwise approved by wssc project manager/contact person, construction vehicles are not permitted within 10 feet clear of ex. pccp water main at any time, when less than 6 feet of cover exists over the main, the contractor is responsible for identifying areas where less than 6 feet of cover exists over the mains during construction via vacuum test pitting.
- All backfill and compaction over the ex. pccp mains, at any depth of cover, shall be performed manually and/or with vehicles positioned a minimum of 10 feet clear of the outer edge of the main.
- All rocks, broken pavement, curbing and other debris having any dimension greater than 3 inches shall be removed from above and around the main(s) prior to placing and compacting fill, sub grade material or paving over the main (including pipe bedding).
- The contractor shall notify the appropriate wssc contract manager assigned to the project at least 72 hours in advance of any grading or paving in the vicinity of the ex. pccp mains. all grading and paving over the mains shall be coordinated and performed under the supervision of a wssc inspector.
- The contractor shall use special care while performing work in the vicinity of the ex. pccp water mains and shall strictly adhere to these special construction requirements. the contractor is responsible for any damage and/or replacement required as a result of his work over the mains at no additional cost to wssc.
- If shutdown and de-watering of the ex. pccp water main is required, coordination with systems control division (scd) is mandatory, a minimum of 15 days advance notice to scd is required to coordinate water main shutdown, de-pressurization, and de-watering of ex. pccp water mains and removal of the acoustic fiber optic (af) monitoring cable. scd shall perform the shutdown scheduling and the utility services department shall execute the shutdown, de-pressurization and de-watering.
- Test pits to verify the horizontal and vertical alignment of the pccp mains shall be via vacuum test pitting rather than open cut trenching on live pccp mains, vacuum test pitting is performed only to the crown of the existing pccp water mains, backfill the vacuum test pit immediately after the pertinent information is gathered, any damage to the ex. water main coating resulting from the contractor's operations shall be repaired at the contractor's expense, damage and repairs shall be inspected by wssc engineers and/or the pipe manufacturer's technical field representative, and be repaired accordingly prior to backfilling.
- During backfilling, compacted cr-6 or #57 stone shall be used to 12 inches above the crown of the pccp main, the remaining excavation shall be backfilled and compacted with suitable material in accordance with standard specification section 02315.
- The contractor shall coordinate with the contract manager assigned to the project, notifications are required at a minimum of 15 days in with standard specification section 02315.

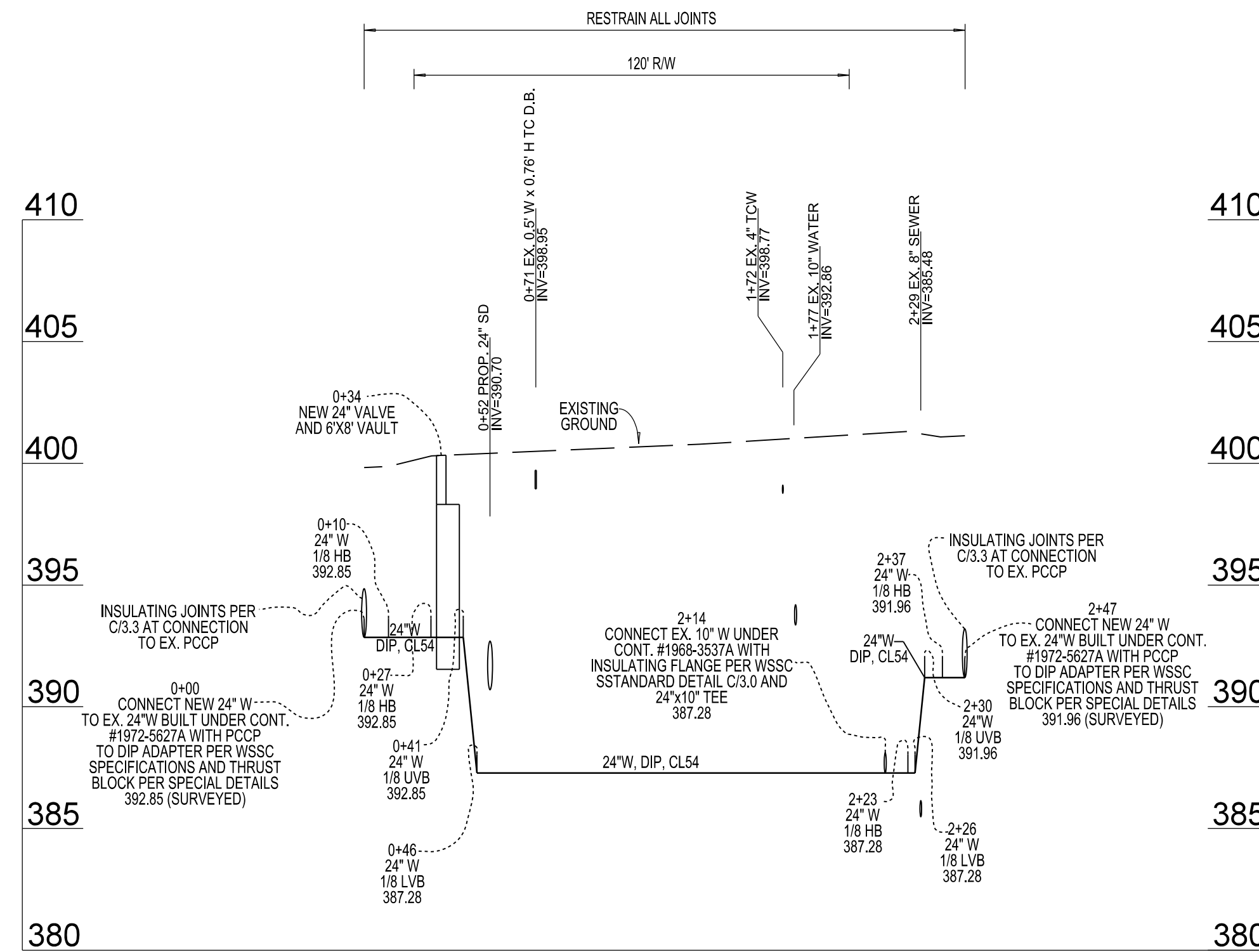
**REQUIREMENTS FOR CONSTRUCTION ACROSS OR IN VICINITY OF CITY OF ROCKVILLE'S EXISTING PCCP 24" WATER TRANSMISSION MAIN**

- The city of rockville utilities superintendent is to be notified at 240-314-8567 at least 48 hours prior to commencement at any type of construction.
- During construction adequately protect the City's facilities from crossing on the Right of Way over the City's waterline.
- Under no circumstances will heavy equipment of any type be permitted to excavate or work directly over the City's waterline.
- All excavation will be performed by hand over the City's waterline or within six (6) feet of each side with the City's inspector standing by.
- Under no circumstances will there be any cuts permitted over the city's waterline or within 6 feet of each side without prior agreement with the City and the City's inspector standing by.
- Compaction of embankment over the City's waterline and for a distance of six (6) feet on each side shall not be accomplished with vibratory equipment.

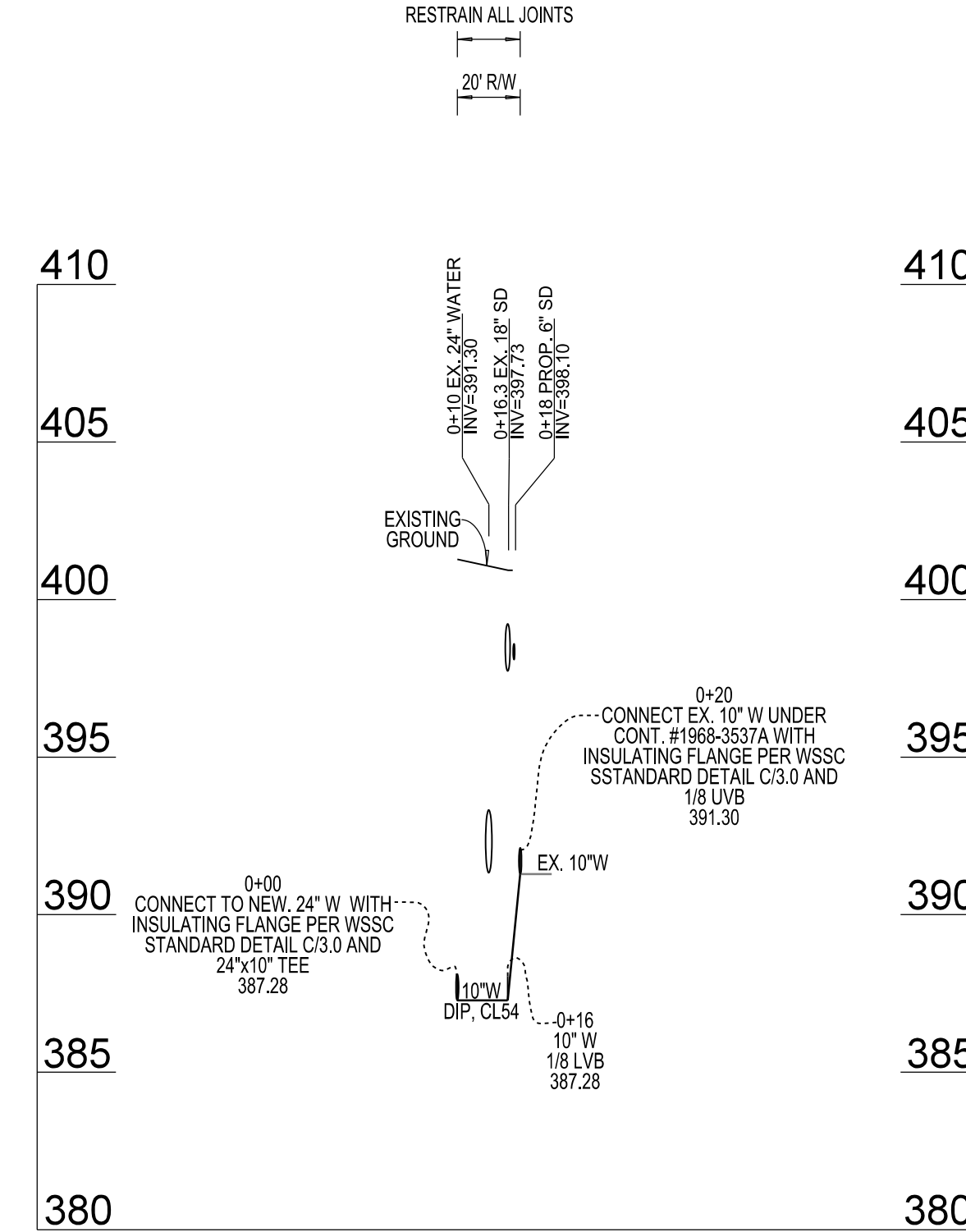


\* Weld-on thrust ring to be coated  
 \*\* All joints and connectors to be bonded across for continuity

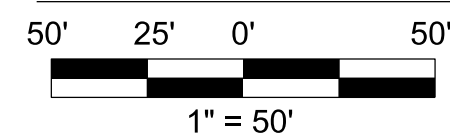
**PROPOSED 24"W, DIP, CL 24**



**PROPOSED 10"W, DIP, CL 24**



**GRAPHIC SCALE**



DATE	REVISIONS

**PROFESSIONAL CERTIFICATION**

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

LICENSE NO.: 25768

EXPIRATION DATE: 6/21/2025

**ENGINEER'S/SURVEYOR'S AS-BUILT CERTIFICATION**

I HEREBY CERTIFY THAT THE AS-BUILT INFORMATION AS SHOWN IN (RED OR GREEN) HEREIN IS ACCURATE TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND HAS BEEN ESTABLISHED BY A FIELD RUN SURVEY USING ACCEPTABLE SURVEYING METHODS BY MYSELF AND/OR SOMEONE UNDER MY DIRECT SUPERVISION ON (\_\_\_\_). ALL ASBUILT DATA IS SHOWN IN 'BOXES'.

LICENSE NO.: \_\_\_\_\_

EXPIRATION DATE: \_\_\_\_\_

THESE DOCUMENTS CONTAIN PRIVILEGED AND CONFIDENTIAL INFORMATION WHICH SHALL NOT BE REDISTRIBUTED WITHOUT PRIOR WSSC APPROVAL

CONTRACT RE8774A21	
NO	2
OF	2

VERIFY SCALE - BAR IS ONE INCH ON ORIGINAL DRAWING 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

TEMPLATE LAYOUT CURRENT as of: 03/15/2021