

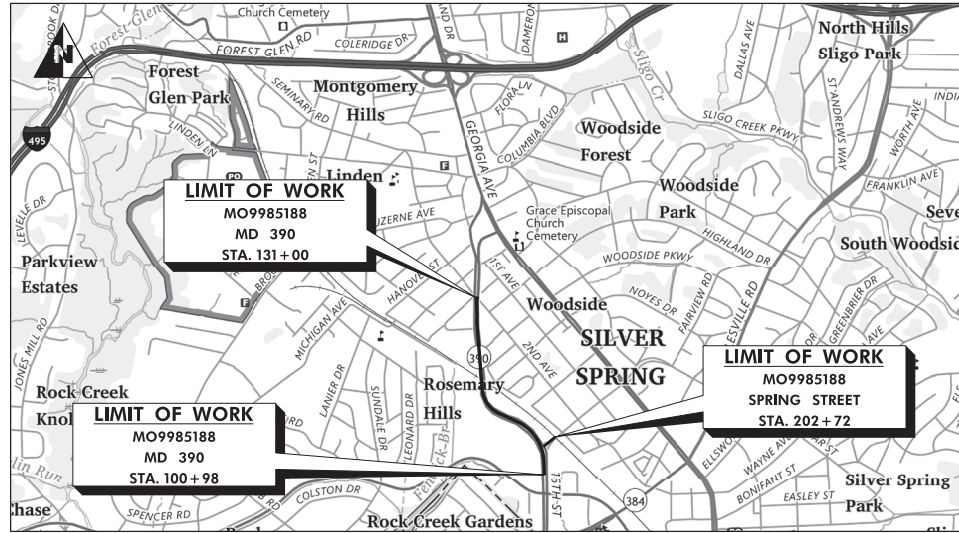
# MDOT MARYLAND DEPARTMENT OF TRANSPORTATION

## STATE HIGHWAY ADMINISTRATION

### S.H.A. CONTRACT NO. – MO9985188 FEDERAL AID PROJECT NO. – TBD MD 390 (16TH STREET) PEDESTRIAN-BICYCLE ROUTE FROM SPRING STREET TO SECOND AVENUE

INDEX OF SHEETS  
SEE SHEET 2

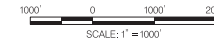
OFFICE OF HIGHWAY DEVELOPMENT  
**MANDATORY REFERRAL**  
OCTOBER 2025



MONTGOMERY COUNTY – SILVER SPRING – WOODSIDE

LENGTH OF PROJECT:  
MD RTE. 390 = 0.57 MILES

HORIZONTAL DATUM	NAD 83 /91
VERTICAL DATUM	NAVD 88



DESIGN DESIGNATION	DESIGN DESIGNATION				SURVEY BOOK NUMBERS	RIGHT OF WAY PLAT NUMBERS	REVISIONS <small>NOTE: SEE SHEET NO. 2 FOR LIST OF REVISED SHEET NUMBERS.</small>
	MD 390	SPRING STREET	MD 390	SPRING STREET			
ROADWAY LENGTH (MILES)	0.57	0.04			14589 32050	62564 62565	
CONTROLS YEARS	2024	2044	2024	2044	25229	62566	
AVERAGE DAILY TRAFFIC (A.D.T.)	34,900	38,400	2,900	3,200			
DESIGN HOURLY VOLUME (D.H.V.)	8%	8%	10%	10%			
DIRECTIONAL DISTRIBUTION	63%	63%	60%	60%			
% TRUCKS (A.D.T.)	2%	2%	10%	10%			
% TRUCKS (D.H.V.)	1%	1%	11%	11%			
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL (OTHER)		MINOR ARTERIAL				
CONTROL OF ACCESS	PARTIAL		NONE				
INTENSITY OF DEVELOPMENT	URBAN		URBAN				
TERRAIN	ROLLING		ROLLING				
DESIGN SPEED (M.P.H.)	35		30				
ANTICIPATED POSTED SPEED (M.P.H.)	35		30				
SHA CONTEXT ZONE	URBAN CORE (ZONE A) AND SUBURBAN ACTIVITY CENTER (ZONE C)						

**GEOMETRIC DESIGN CRITERIA**  
THIS PROJECT WAS DESIGNED IN ACCORDANCE WITH THE 2018 PUBLICATION OF AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS."

**STANDARD SPECIFICATIONS BOOK, BOOK OF STANDARDS AND MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MdMUTCD)**  
ALL WORK ON THIS PROJECT SHALL CONFORM TO: THE LATEST APPROVED MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION (SHA) "STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS" REVISIONS THEREOF OR ADDITIONS THERETO AS INDICATED IN THE PROJECT DESCRIPTION OF THE INVITATION FOR BIDS BOOK; THE SPECIAL PROVISIONS INCLUDED IN THE INVITATION FOR BIDS BOOK; THE ADMINISTRATION'S "BOOK OF STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES" AND THE LATEST VERSION OF MdMUTCD.

**RIGHT OF WAY**  
RIGHT OF WAY AND EASEMENT LINES SHOWN ON THESE PLANS ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THEY ARE NOT OFFICIAL. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE APPROPRIATE RIGHT OF WAY PLATS.

**UTILITIES**  
THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION AND GUIDANCE ONLY. NO GUARANTEE IS MADE OF THE ACCURACY OF SAID LOCATIONS.

**ADA COMPLIANCE**  
THE DESIGN OF THIS PROJECT HAS INCORPORATED FACILITIES TO ACCOMMODATE PERSONS WITH DISABILITIES IN COMPLIANCE WITH STATE AND FEDERAL REQUIREMENTS.

**ENVIRONMENTAL INFORMATION**  
ALL STORMWATER MANAGEMENT FACILITIES CONSTRUCTED FOR THIS CONTRACT SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE SHA BEST MANAGEMENT PRACTICES (BMP) INSPECTION AND REMEDIATION PROGRAM.

**STANDARD STABILIZATION NOTE:**  
FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DICES, SWALES, DITCHES PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1), AND SEVEN DAYS (7) AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

**OWNERS / DEVELOPERS CERTIFICATION:**  
I / WE HEREBY CERTIFY THAT ANY 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 MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I HEREBY AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON-SITE EVALUATION BY MDE COMPLIANCE INSPECTORS.

**EXISTING STRUCTURES PLANS**  
FOR THE CONVENIENCE AND INFORMATION OF BIDDERS PRINTS OF PLANS OF EXISTING PERTINENT STRUCTURE(S) ARE INCLUDED WITH THIS CONTRACT. NO RESPONSIBILITY FOR THEIR ACCURACY OR COMPLETENESS IS ASSUMED BY THE SHA. DIMENSIONS, DETAILS, ETC. AS SHOWN THEREON MAY NOT BE AS BUILT.

STORMWATER AND SEDIMENT CONTROL FINAL APPROVAL	MODIFICATIONS
APPROVED _____ DATE _____	
DIVISION CHIEF, PLAN REVIEW DIVISION	
PRD NO.: 24-PR-054	EXPIRATION DATE: _____
REVIEWED AND APPROVAL RECOMMENDED _____ DATE _____	
DIVISION CHIEF, HIGHWAY DESIGN DIVISION	
APPROVAL RECOMMENDED _____ DATE _____	
DIRECTOR, OFFICE OF HIGHWAY DEVELOPMENT	
APPROVED _____ DATE _____	
CHIEF ENGINEER	

STRUCTURE INVENTORY NO.: \_\_\_\_\_ CONTRACT NO.: MO9985188





# ABBREVIATIONS

AASHTO..... American Association of State Highway Transportation Officials	HP..... High Point	RCP..... Reinforced Concrete Pipe
ADT..... Average Daily Traffic	IN..... Inch	RCPSP..... Reinforced Concrete Pressure Pipe
AHD..... Ahead	INV..... Invert	R.Q.D..... Rock Quality Designation
APPROX..... Approximate	J.B..... Junction Box	R.M..... Rootmat
@ or B/L..... Baseline	K..... K Inlet	S..... South
BK..... Back / Book	L..... Length	SAN..... Sanitary Sewer
BFT..... Bituminous	LF..... Linear Feet	SB or S/B..... Southbound
B.C..... Bituminous Concrete	LL..... Liquid Limit	S.D..... Storm Drain
B.M..... Bench Mark	LOD..... Limit of Disturbance	S.D.D..... Surface Drain Ditch
BOT..... Bottom	LP..... Low Point	S/E..... Super Elevation
C.C..... Center of Curve	L.P..... Light Pole	SF..... Silt Fence
CAP..... Corrugated Aluminum Pipe	LT..... Left	SF..... Square Feet
CAPA..... Corrugated Aluminum Pipe Arch	MAC..... Macadam	SHT..... Sheet
CATV..... Cable Television	MAC..... Moisture Content	SPP..... Structural Steel Plate Pipe
C.B.R..... California Bearing Ratio	MAX..... Maximum	SPPA..... Structural Steel Plate Pipe Arch
¢ or C/L..... Centerline	M.D.D..... Maximum Dry Content	S.P.T..... Standard Penetration Testing
CL..... Class	MIN..... Minimum	SRP..... Steel Spiral Rib Pipe
CLF..... Chainlink Fence	N..... North	SRPA..... Steel Spiral Rib Pipe Arch -
CMP..... Corrugated Metal Pipe	NB..... Northbound	AlumInized Type 2
C.O..... Cleanout	NE..... Northeast	SSD..... Stopping Sight Distance
COMB..... Combination	N.P..... Non-Plastic	SSF..... Super Silt Fence
CONC..... Concrete	O.C..... On Center	STD..... Standard
CONSTR..... Construction	OHE..... Overhead Electric	STA..... Station
COR..... Corner	O.M..... Optimum Moisture	SO..... Single Opening
CORR..... Correction	PAV'T..... Pavement	SY..... Square Yards
CPP-S..... Corrugated Polyethylene Pipe - Type 'S'	PC..... Point of Curvature	SWM..... Stormwater Management
CSP..... Corrugated Steel Pipe - AlumInized Type 2	PCC..... Point of Compound Curvature	T..... Tangent
CSPA..... AlumInized Type 2	PVC..... Point of Crown	T..... Telephone
DC..... Degree of Curve	P/G.E..... Profile Grade Elevation	T.C..... Top of Cover
D.H.V..... Design Hourly Volume	P.G.E..... Profile Ground Elevation	T.G..... Top of Grate
D.I..... Drop Inlet	P/G.L..... Profile Grade Line	T.M. or TL..... Traverse Line
DIA..... Diameter	P/R..... Point of Rotation	T.M..... Top of Manhole
D.O..... Double Opening	P.L..... Plasticity Index	TRAV..... Traverse
E..... East	PI..... Point of Intersection	TS..... Temporary Swale
E..... Electric	POB..... Point of Beginning	T.S..... Top of Slab
E..... External Distance	POC..... Point On Curve	T.S..... Topsoil
EA..... Each	POT..... Point On Tangent	TYP..... Typical
EB..... Eastbound	POV..... Point of Vertical Beginning	U.D..... Under Drain
ELEV..... Elevation	POVE..... Point of Vertical End	U.G..... Underground
ES..... End Section	PPWP..... Polyvinyl Chloride Profile Wall Pipe	U.P..... Utility Pole
ESC..... Erosion and Sediment Control	PROP..... Proposed	US EPA..... United States Environmental Protection Agency
EX or EXIST..... Existing	PRC..... Point of Reverse Curve	USDA..... United States Department of Agriculture
FT..... Feet	PT..... Point	VCL..... Vertical Clearance
F or FL..... Flowline	PT..... Point of Tangency	V.C.L..... Vertical Curve Length
F.B.D..... Flat Bottom Ditch	PVC..... Point of Vertical Curve	W..... Water
F.H..... Fire Hydrant	PVC..... Polyvinyl Chloride	W..... West
FWD..... Forward	PVI..... Point of Vertical Intersection	WB..... Westbound
G..... Gas	PVR.C..... Point of Vertical Reverse Curve	W.B..... Wetland Buffer
G.V..... Gas Valve	PVT..... Point of Vertical Tangency	W.M..... Water Meter
H.B..... Handbox	R..... Radius	W.S..... Wrapped Steel
HDWL..... Headwall	R.F..... Rock Fragments	WUS..... Waters of the United States
HERCP..... Horizontal Elliptical Reinforced Concrete Pipe	RT..... Right	W.V..... Water Valve
	RW or R/W..... Right of Way	

# SOILS LEGEND

**SOILS LEGEND**

	SAND		SILTY CLAY
	GRAVEL		TOP SOIL
	SILTY SAND		ASPHALT
	SANDY SILT		

**EXAMPLE SOIL BORING PROFILE**

BORING NUMBER, NORTHING, EASTING, STATION & OFFSET

BORING SWM-01  
N 509290.0332 E 1337326.094  
STATION (495) 533+00  
OFFSET 66.4 LT

TOP OF BORING ELEVATION

SOIL DESCRIPTION

EL 201.0 TOP SOIL - THICKNESS IS 6 INCHES.  
EL 200.5 MOST MEDIUM STIFF, BROWN, SANDY SILT; SOME GRAVEL.  
EL 199.0 MOST LOOSE TO MEDIUM DENSE, TAN, SILTY SAND; SOME GRAVEL.  
EL 197.0 MOST STIFF, BROWN, SANDY SILT; TRACE ORGANICS.  
EL 193.0 MOST MEDIUM DENSE LIGHT BROWN, SILTY SAND; SOME GRAVEL.  
EL 189.0 BOTTOM OF BORING ELEVATION

24-HR WATER READING

PLAN LOCATION OF SOIL BORINGS

BORING TARGETS AND PROFILES SCALE:  
HORIZONTAL - NONE  
VERTICAL - SEE PROFILE SHEETS

GRAPHIC SYMBOL DENOTING FIELD SOIL IDENTIFICATION

SOIL SYMBOLS DENOTE MSMT CLASSIFICATIONS

ALL DIMENSIONS, DEPTHS AND ELEVATIONS ARE NOTED IN FEET

AN ASTERISK AT THE TOP DEPTH OF STRATA INDICATES THAT STRATA WAS VISUALLY CLASSIFIED BY DRILLER

MDD & OMC PER A.A.S.H.T.O. DESIGNATION T-180

N PER A.A.S.H.T.O. DESIGNATION T-206

UNLESS OTHERWISE NOTED ON PLANS, ALL SOIL SURVEY BORINGS FOR ROADWAY CONSTRUCTION WERE LEFT OPEN FOR 24 HOURS WITH NO EXCESS MOISTURE OR FREE WATER ENCOUNTERED DURING TIME OF SOIL SURVEY (09/2000 TO 06/2002)

# CONVENTIONAL SIGNS

PROPOSED MEDIAN BARRIER		FIRE HYDRANT	
ELECTRICAL HAND BOX - SIGNALS		HISTORIC BOUNDARY	
FLOW LINE		WETLAND BOUNDARY	
STATE, COUNTY OR CITY LINES		PROPOSED PIPE / CULVERT	
PROPOSED TRAFFIC BARRIER		EXISTING PIPE / CULVERT	
EXISTING TRAFFIC BARRIER		EXISTING DROP INLET	
PROPOSED FENCE LINE		UTILITY POLE	
EXISTING FENCE LINE		WETLAND	
RIGHT OF WAY LINE		WETLAND BUFFER	
EXISTING ROADWAY		WATERS OF THE U.S.	
RAILROAD		HEDGE / TREE LINE	
BASE LINE OR SURVEY LINE		BUSH / TREE	
		CONIFEROUS TREE	
		GROUND ELEVATION	
		GRADE ELEVATION	

SOIL LABORATORY TEST RESULTS

BORING ID	BORING LOCATION			SAMPLE ID	DEPTH	CLASSIFICATION			NMC (%)	ATTERBERG LIMITS			T-180	% PASSING #200 SIEVE		
	STATION	OFFSET (FT)	DIR			USCS	AASHTO	USDA		LL	PL	PI			MDD (pcf)	OMC (%)
SB-1	201+43	27	RT	484343.8005	1302041.6366	BS-1	0.4' - 5.0'	SM	A-2-4(0)	-	-	WU	NP	120.9	11.3	22.8
SB-3	121+00	26	RT	485722.7511	1301035.1572	BS-1	0.8' - 5.0'	SM	A-2-4(0)	-	-	WU	NP	126.6	8.8	20.4
SWM-06	805+14	23.4	RT	488091.4313	1342914.394	4	6.0' - 8.0'	CH	A-7-6(36)	-	-	SA	17	26.4	-	95.9

HIGHWAY DESIGN DIVISION

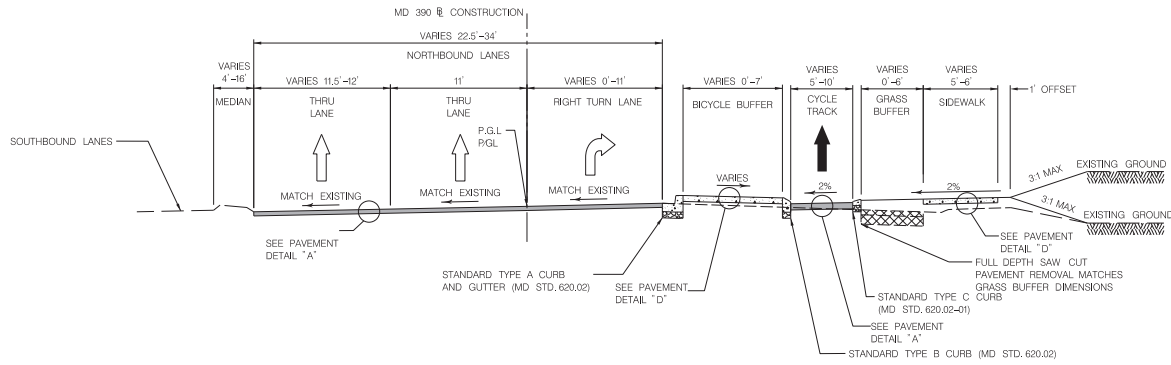
**MDOT**  
MARYLAND DEPARTMENT OF TRANSPORTATION

STATE HIGHWAY ADMINISTRATION

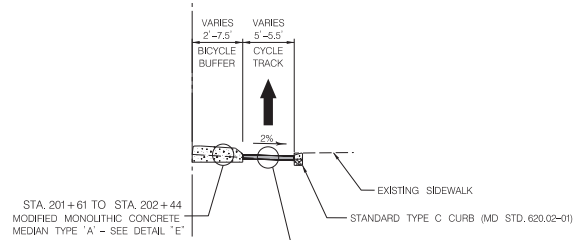
MD 390 (16TH STREET)  
PEDESTRIAN BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE

REVISIONS		NOTES AND ABBREVIATIONS SHEET	
OFFICE OF HIGHWAY DEVELOPMENT FINAL REVIEW SEPTEMBER 11, 2025	SCALE: N.T.S.	ADVERTISED DATE	CONTRACT NO. MD9985888
DESIGNED BY: MM	COUNTY: MONTGOMERY	DRAWN BY: MM	LOGSILE
CHECKED BY: HDD	HORIZONTAL SCALE	MDE/FPD: 24-PR-0054	VERTICAL SCALE
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	SHEET NO.		OF 107

BY: mmarquez - Highway Design Division



STA. 100 + 98 TO STA. 103 + 29



STA. 201 + 09 TO STA. 202 + 72

STA. 201 + 09 TO STA. 201 + 61

MDOT MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION

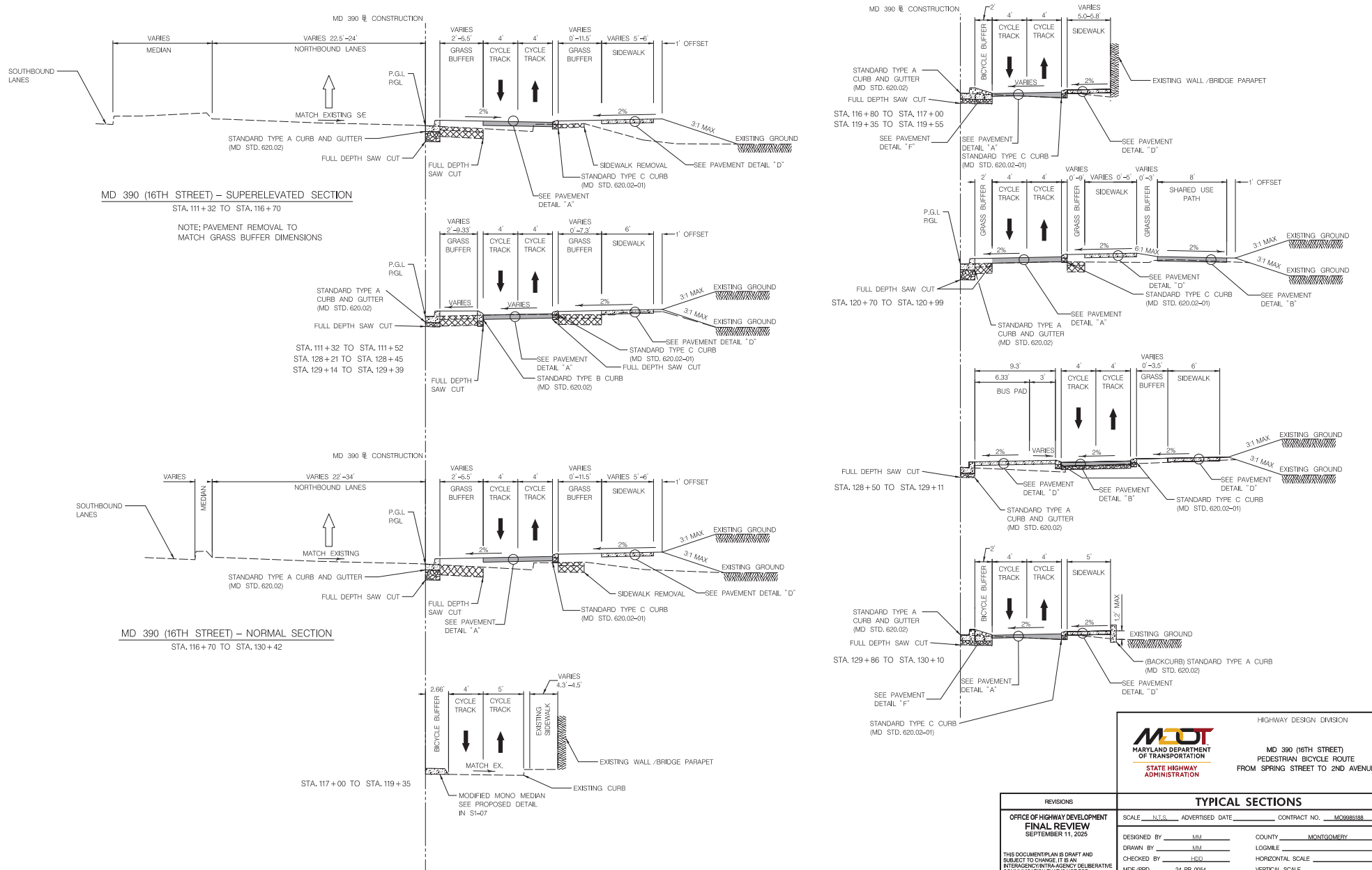
HIGHWAY DESIGN DIVISION

MD 390 (16TH STREET) PEDESTRIAN BICYCLE ROUTE FROM SPRING STREET TO 2ND AVENUE

REVISIONS		TYPICAL SECTIONS	
<b>OFFICE OF HIGHWAY DEVELOPMENT</b> <b>FINAL REVIEW</b> SEPTEMBER 11, 2025		SCALE: N.T.S.	ADVERTISED DATE: _____
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		COUNTY: MONTGOMERY	DRAWN BY: MM
		LOG/MILE: _____	CHECKED BY: HSD
		HORIZONTAL SCALE: _____	MDE/PRD: 24-PR-0054
		VERTICAL SCALE: _____	DRAWINGS NO. TS-01
			OF 03
			SHEET NO. OF 107

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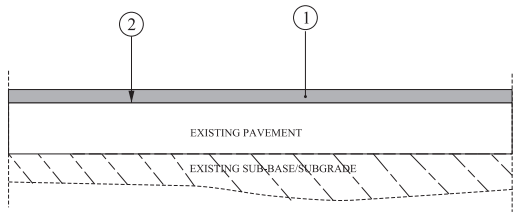


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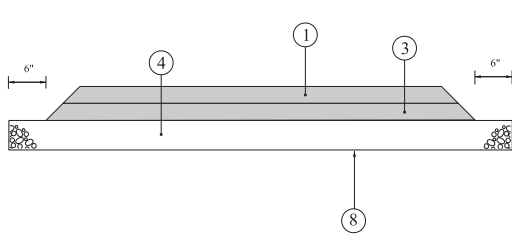

**MDOT**  
 MARYLAND DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION

HIGHWAY DESIGN DIVISION  
 MD 390 (16TH STREET)  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

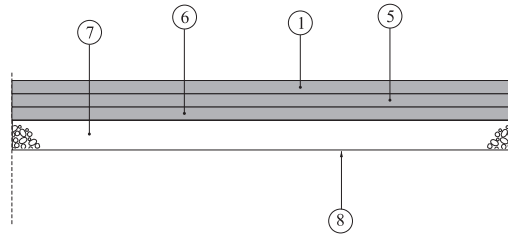
REVISIONS		TYPICAL SECTIONS	
OFFICE OF HIGHWAY DEVELOPMENT <b>FINAL REVIEW</b> SEPTEMBER 11, 2025		SCALE: N.T.S.	ADVERTISED DATE: _____ CONTRACT NO. M0968588
DESIGNED BY: MM	COUNTY: MONTGOMERY	DRAWN BY: MM	LOGMILE: _____
CHECKED BY: HDG	HORIZONTAL SCALE: _____	MDE/FPD: 24-PR-0054	VERTICAL SCALE: _____
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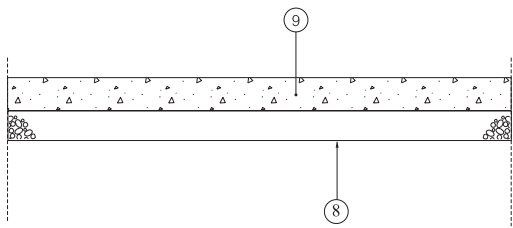
DETAIL A - FINE MILLING & RESURFACING



DETAIL B - PAVEMENT SECTION FOR CYCLE TRACK



DETAIL C - PAVEMENT SECTION FOR MAIN LINE



DETAIL D - PAVEMENT SECTION FOR SIDEWALK, MEDIAN, AND BUS PLATFORM


## PAVEMENT LEGEND

- ① 2" SUPERPAVE ASPHALT MIX 12.5 MM FOR SURFACE, PG 64S-22, LEVEL 2
- ② PAVEMENT SURFACE AFTER 2" FINE MILLING
- ③ 2" SUPERPAVE ASPHALT MIX 19.0 MM FOR BASE, PG 64S-22, LEVEL 2
- ④ 4" GRADED AGGREGATE BASE COURSE
- ⑤ 3" SUPERPAVE ASPHALT MIX 19.0 MM FOR BASE, PG 64S-22, LEVEL 2
- ⑥ 4" SUPERPAVE ASPHALT MIX 19.0 MM FOR BASE, PG 64S-22, LEVEL 2
- ⑦ 6" GRADED AGGREGATE BASE COURSE
- ⑧ TOP OF SUBGRADE AND LIMIT OF CLASS I OR CLASS II EXCAVATION
- ⑨ 5" CONCRETE MIX NO. 3

## PAVEMENT NOTES

- THE ESTIMATED EXISTING PAVEMENT THICKNESS OF MD 390 WITHIN THE PROJECT LIMITS BASED ON CONSTRUCTION HISTORY IS 1.5" TO 7" ASPHALT OVER 6" TO 9" OF JOINTED REINFORCED CONCRETE OVER 5" TO 6" GRAVEL / STONE. THE ESTIMATED EXISTING PAVEMENT THICKNESS OF SPRING STREET WITHIN THE PROJECT LIMITS BASED ON PAVEMENT BORING LOG IS 2" ASPHALT OVER 7" CONCRETE OVER 5" STONE.
- WEDGE/LEVEL IS FOR GRADE OR CROSS SLOPE ADJUSTMENT, IF NEEDED.
  - VARIABLE DEPTH SUPERPAVE ASPHALT MIX 9.5 mm FOR WEDGE/LEVEL, PG 64S-22, LEVEL 2 (1" MINIMUM LIFT THICKNESS AND 2" MAXIMUM LIFT THICKNESS)
- REFER TO STANDARD NO. MD-580.03 FOR NEW COMBINATION CURB AND GUTTER PLACEMENT ALONG EXISTING PAVEMENT AND USE CONCRETE MIX NO.13 INSTEAD OF CONCRETE MIX NO.3.
- ALL NEW PAVEMENT /RECONSTRUCTION SHALL BE A MINIMUM OF 4 FEET WIDE.
- REFER STANDARD NO. MD-578.01 FOR UTILITY PATCHING. USE CONCRETE MIX NO.9 AND MATCH THE EXISTING ASPHALT MIX.
  - SUPERPAVE ASPHALT MIX 19.0 mm FOR FULL DEPTH PATCH, PG 64S-22, LEVEL 2 (MIN 2" AND MAX 4" LIFTS) (MATCH EXISTING ASPHALT THICKNESS- SEE NOTE 1)
  - PLAIN PORTLAND CEMENT CONCRETE PAVEMENT TYPE I REPAIRS (MATCH EXISTING CONCRETE THICKNESS- SEE NOTE 1)
- REFER STANDARD NO. MD-578.03 AND MD-578.03-01 FOR PATCHING.
  - USE THE FOLLOWING FOR FOR PARTIAL-DEPTH PATCHING: SUPERPAVE ASPHALT MIX 19.0 mm FOR PARTIAL DEPTH PATCH, PG 64S-22, LEVEL 2 (MIN 2" AND MAX 4" LIFTS)(5" OR TOP OF CONCRETE, WHICHEVER OCCURS FIRST- SEE NOTE 1)
  - USE THE FOLLOWING FOR FULL-DEPTH PATCHING: SUPERPAVE ASPHALT MIX 19.0 mm FOR FULL DEPTH PATCH, PG 64S-22, LEVEL 2 (MIN 2" AND MAX 4" LIFTS) (MATCH EXISTING ASPHALT THICKNESS - SEE NOTE 1)
  - PLAIN PORTLAND CEMENT CONCRETE PAVEMENT TYPE I REPAIRS (MATCH EXISTING CONCRETE THICKNESS (ESTIMATED 9") - SEE NOTE 1)

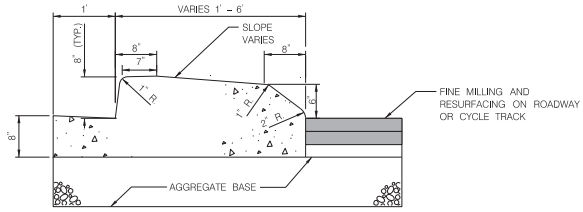
HIGHWAY DESIGN DIVISION



MARYLAND DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

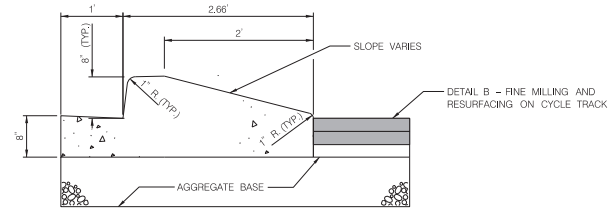
MD 390 (16TH STREET)  
PEDESTRIAN BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE

REVISIONS		PAVEMENT DETAIL SHEET	
OFFICE OF HIGHWAY DEVELOPMENT FINAL REVIEW SEPTEMBER 11, 2025	SCALE: N.T.S.	ADVERTISED DATE:	CONTRACT NO. MD0985588
THIS DOCUMENT/PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTA-AGENCY DELIBERATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT).	DESIGNED BY: MM	COUNTY: MONTGOMERY	
	DRAWN BY: MM	LOG/MILE	
	CHECKED BY: HSD	HORIZONTAL SCALE	
	MDE/FPD 24-PB-0054	VERTICAL SCALE	
DRAWINGS NO. PD-01	OF 02	SHEET NO.	OF 107




**DETAIL E - MODIFIED MONOLITHIC CONCRETE MEDIAN TYPE 'A'**

NOTE: FOLLOW STANDARD NO. MD 645.01  
NOTES AND NOSE DOWN DETAIL



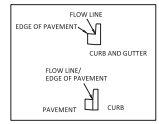
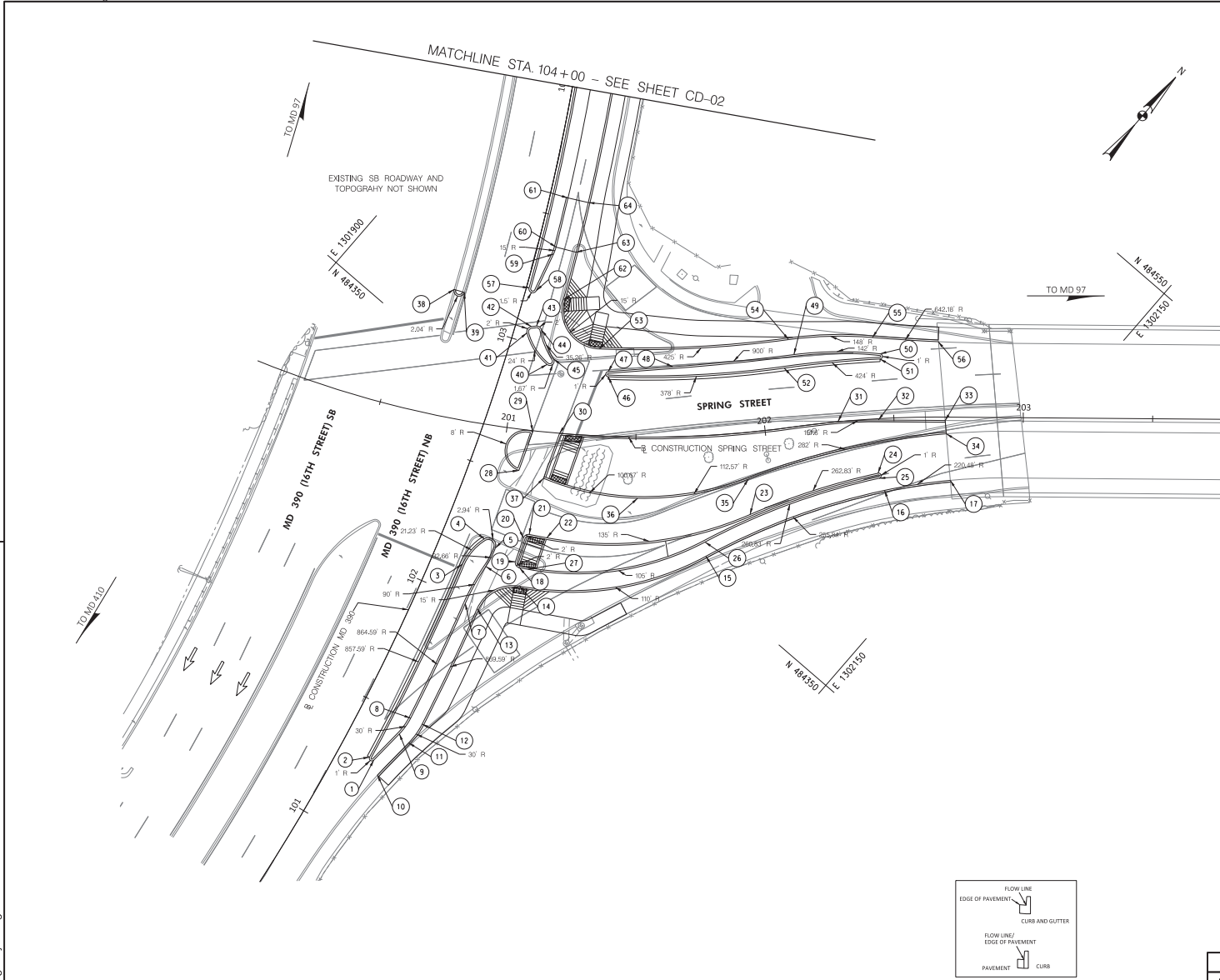
**DETAIL F - MODIFIED MONOLITHIC CONCRETE MEDIAN BICYCLE BUFFER**

BY: mmatquez - Highway Design Division

 <b>MARYLAND DEPARTMENT OF TRANSPORTATION</b> STATE HIGHWAY ADMINISTRATION	HIGHWAY DESIGN DIVISION  MD 390 (16TH STREET) PEDESTRIAN BICYCLE ROUTE FROM SPRING STREET TO 2ND AVENUE
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REVISIONS		PAVEMENT DETAIL SHEET	
<b>OFFICE OF HIGHWAY DEVELOPMENT</b> <b>FINAL REVIEW</b> SEPTEMBER 11, 2025		SCALE: _____	CONTRACT NO.: MD9985188
DESIGNED BY: MM	COUNTY: MONTGOMERY	DRAWN BY: MM	LOG/MILE: _____
CHECKED BY: HSD	HORIZONTAL SCALE: _____	MDE/PRD: 24-PB-0054	VERTICAL SCALE: _____
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BY: mmatquez - Highway Design Division



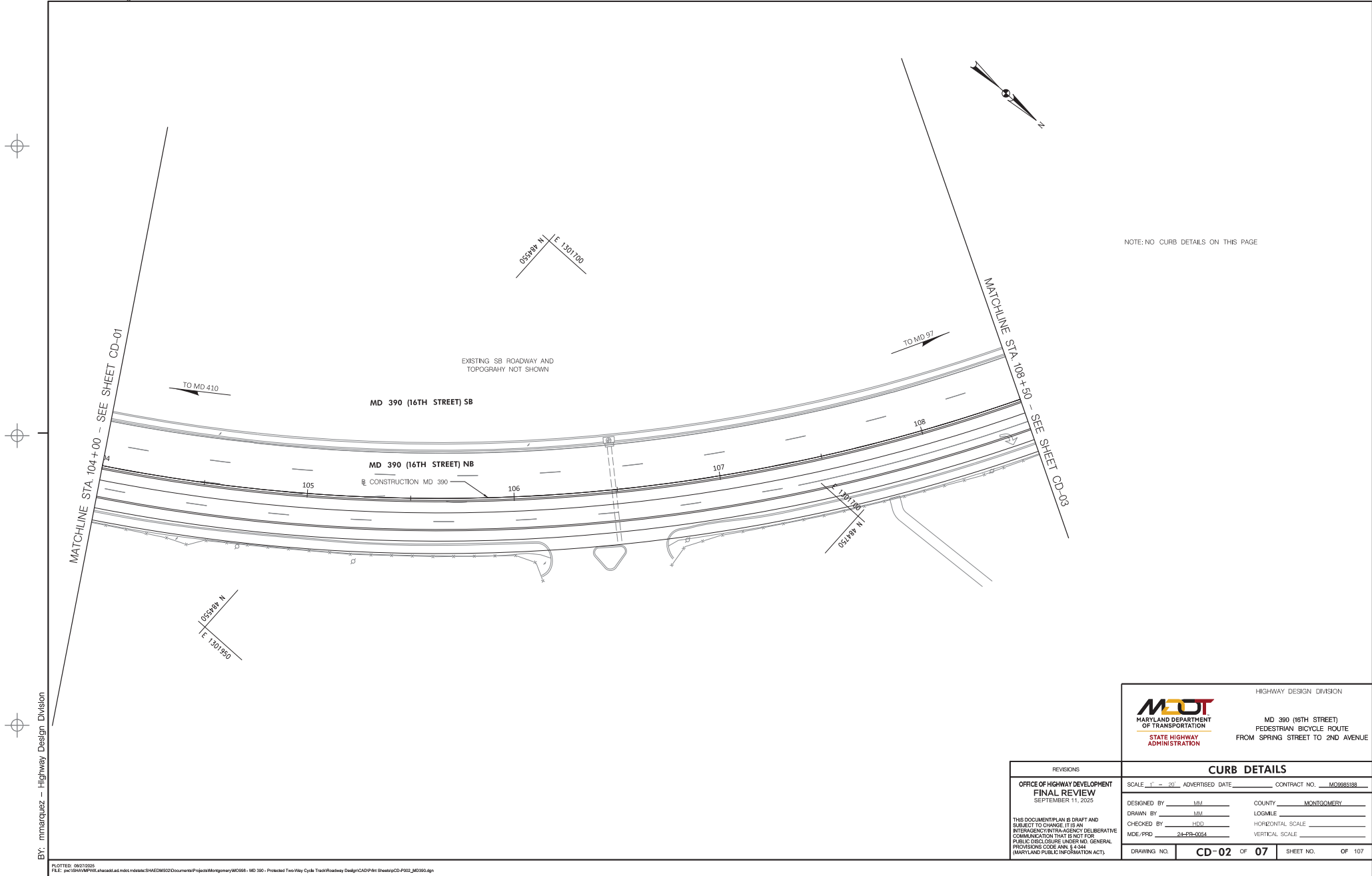
NOTES:  
1. ALL CURB DATA IN TABLES AND RADII ARE MEASURED FROM THE BOTTOM OF CURB (FLOW LINE)

POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
1	101+30.11	13.96	484214.002	1302036.698	338.18
2	101+30.38	12	484213.8484	1302034.723	338.14
3	102+11.96	12	484293.6395	1302031.181	339.34
4	102+24.00	15.99	484306.5759	1302031.135	339.52
5	102+22.41	21.31	484306.7275	1302018.69	340
6	102+14.64	20.64	484298.9584	1302020.562	339.88
7	101+98.72	19	484282.9329	1302023.894	339.68
8	101+50.69	19	484235.5792	1302016.881	338.63
9	101+43.47	17.92	484228.1539	1302037.549	338.5
10	101+25.74	17.98	484210.4936	1302041.561	338.22
11	101+42.08	22.71	484227.8538	1302042.54	338.57
12	101+50.69	24	484236.7643	1302041.739	338.73
13	101+98.73	24	484284.3932	1302028.676	339.78
14	102+12.72	35.59	484301.6845	1302035.393	340.32
15	102+47.39	98.24	484351.5305	1302082.349	342.72
16	102+88.01	155.08	484421.8834	1302117.951	347.57
17	102+97.45	178.13	484441.3895	1302134.642	0
18	102+19.01	32.83	484307.0535	1302030.73	340.33
19	102+20.50	30.46	484307.1703	1302027.994	340.24
20	102+29.85	29.89	484316.7547	1302024.343	340.31
21	102+31.84	31.5	484319.2342	1302025.186	340.4
22	102+33.12	38.29	484322.7268	1302031.159	340.71
23	102+66.06	108.78	484380.8584	1302084.722	344.12
24	102+92.70	150.66	484425.2353	1302111.709	347.69
25	102+91.22	151.65	484424.0324	1302113.307	347.65
26	102+51.88	95.98	484361.4225	1302078.486	343
27	102+19.68	36.07	484308.7368	1302033.589	340.48
28	102+52.91	18.95	484335.3539	1302005.99	340.01
29	102+68.56	18.92	484350.2649	1302000.188	339.77
30	102+71.17	28.95	484356.4818	1302008.501	340.23
31	103+05.11	130.03	484430.173	1302086.392	346.79
32	103+09.49	144.81	484440.8945	1302098.366	347.87
33	103+15.37	169.65	484457.6049	1302118.034	0
34	103+11.37	171.49	484454.007	1302121.719	0
35	102+71.35	103.71	484390.7591	1302075.218	344.54
36	102+58.25	65.73	484367.221	1302047.732	343.38
37	102+53.34	28.94	484339.2902	1302015.184	340.56
38	103+11.84	-26.66	484371.9473	1301941.349	338.12
39	103+11.81	-22.58	484373.6213	1301945.077	337.76
40	102+94.34	16.08	484373.4704	1301987.473	339.52
41	103+03.60	5.04	484377.6016	1301973.59	338.99
42	103+06.40	5.99	484380.5709	1301973.301	339.02
43	103+07.18	7.86	484382.0464	1301974.679	338.96
44	103+06.24	10.17	484382.1402	1301977.177	339.06
45	102+97.09	17.8	484376.7318	1301987.928	339.57
46	102+96.74	40.06	484385.3164	1302008.469	340.7
47	102+98.56	39.46	484386.8157	1302007.149	340.7
48	103+07.05	62.84	484404.5578	1302024.848	342.08
49	103+22.86	106.51	484438.6925	1302057.165	345.37
50	103+30.73	138.57	484460.6838	1302082.172	347.52
51	103+29.06	139.03	484459.1385	1302083.432	347.53
52	103+17.49	104.31	484432.2851	1302057.751	345.08
53	103+05.65	33.63	484391.2097	1301998.186	340.32
54	103+27.35	103.02	484441.7404	1302051.845	345.41
55	103+35.34	134.1	484463.5279	1302075.806	347.47
56	103+39.39	159.11	484478.896	1302096.103	348.89
57	103+20.48	1	484391.3157	1301962.854	338.46
58	103+20.23	3.98	484392.3566	1301965.656	338.64
59	103+35.49	6.74	484407.3903	1301961.475	338.56
60	103+38.30	7	484410.0461	1301960.457	338.54
61	103+57.70	7	484427.465	1301951.551	338.54
62	103+19.68	15	4844396.543	1301975.866	339.43
63	103+38.31	15	484413.6163	1301967.616	339.08
64	103+57.72	15	484431.2016	1301958.625	338.7

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


HIGHWAY DESIGN DIVISION  
MD 390 (16TH STREET)  
PEDESTRIAN BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE

REVISIONS	CURB DETAILS
<p>OFFICE OF HIGHWAY DEVELOPMENT <b>FINAL REVIEW</b> SEPTEMBER 11, 2025</p>	<p>SCALE: 1" = 20' ADVERTISED DATE: _____ CONTRACT NO. MCG985688</p> <p>DESIGNED BY: MM COUNTY: MONTGOMERY</p> <p>DRAWN BY: MM LOGMILE: _____</p> <p>CHECKED BY: HD0 HORIZONTAL SCALE: _____</p> <p>MDE/FPD 24-PR-0054 VERTICAL SCALE: _____</p>
<p><small>THIS DOCUMENT IS A DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTER-AGENCY DELIBERATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT).</small></p>	<p>DRAWINGS NO. <b>CD-01</b> OF <b>07</b> SHEET NO. OF 107</p>

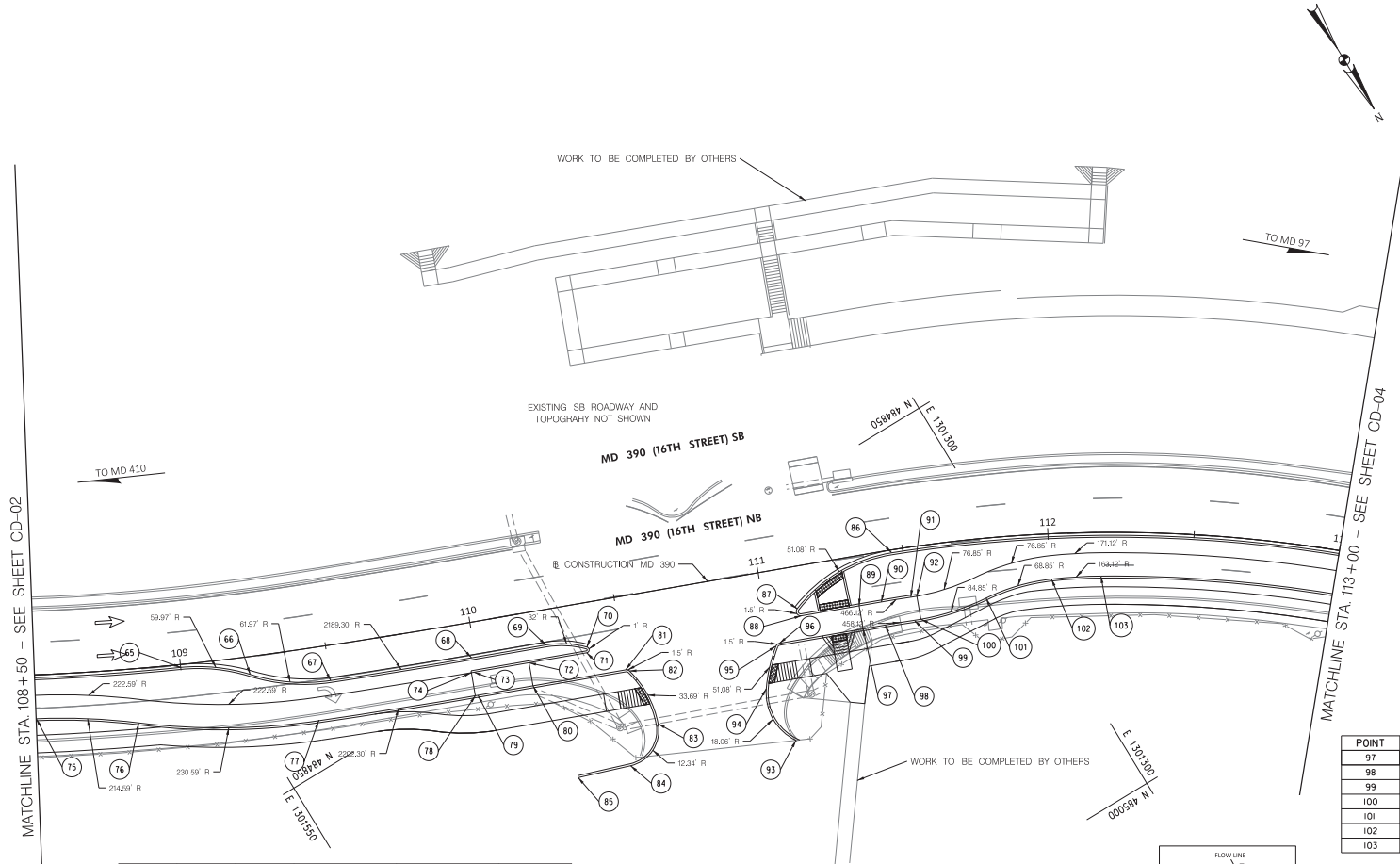


BY: mmarquez - Highway Design Division

NOTE: NO CURB DETAILS ON THIS PAGE

 <b>MARYLAND DEPARTMENT OF TRANSPORTATION</b> STATE HIGHWAY ADMINISTRATION	HIGHWAY DESIGN DIVISION  MD 390 (16TH STREET) PEDESTRIAN BICYCLE ROUTE FROM SPRING STREET TO 2ND AVENUE
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REVISIONS	CURB DETAILS
<p>OFFICE OF HIGHWAY DEVELOPMENT  <b>FINAL REVIEW</b>            SEPTEMBER 11, 2025</p> <p><small>THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT).</small></p>	<p>SCALE: 1" = 20' ADVERTISED DATE: _____ CONTRACT NO. MD9985188</p> <p>DESIGNED BY: MM COUNTY: MONTGOMERY</p> <p>DRAWN BY: MM LOG/MILE: _____</p> <p>CHECKED BY: HDG HORIZONTAL SCALE: _____</p> <p>MDE/PRD: 24-PR-0054 VERTICAL SCALE: _____</p> <p>DRAWING NO. <b>CD-02</b> OF <b>07</b> SHEET NO. OF 107</p>



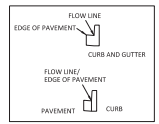
MATCHLINE STA. 108+50 - SEE SHEET CD-02

MATCHLINE STA. 113+00 - SEE SHEET CD-04

POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
65	109+00.06	1	484794.6959	1301561.581	314.41
66	109+23.24	6.08	484809.0409	1301542.566	314.64
67	109+50.00	12	484825.057	1301520.452	313.67
68	109+98.53	12	484843.493	1301474.95	312.86
69	110+24.30	12	484852.937	1301450.972	312.73
70	110+38.04	15.1	484860.8511	1301439.329	312.8
71	110+37.60	17	484862.4633	1301440.429	312.83
72	110+17.60	17	484855.347	1301459.036	312.93
73	109+98.53	17	484848.1452	1301476.783	313.59
74	109+97.60	17	484847.8027	1301477.652	313.62
75	108+50.00	15	484784.0369	1301612.916	316.8
76	108+84.17	18.56	484803.4122	1301583.739	315.8
77	109+44.00	25	484834.7369	1301530.773	314.53
78	109+97.60	25	484855.245	1301480.586	313.78
79	109+98.53	25	484855.5887	1301479.714	313.75
80	110+17.60	25	484862.5782	1301461.968	313.09
81	110+49.73	25	484874.3523	1301432.073	312.93
82	110+50.94	25.61	484875.3608	1301431.174	312.93


POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
83	110+57.53	45.04	484895.8552	1301432.166	312.83
84	110+45.83	57.58	484903.2368	1301447.647	0
85	110+30.70	50.5	484891.013	1301459.125	0
86	110+46.19	1	484887.4034	1301333.56	313.49
87	111+12.06	14.39	484886.9572	1301371.122	312.93
88	111+12.08	17	484889.7542	1301371.137	312.91
89	111+32.08	17	484897.0834	1301352.529	313.14
90	111+39.80	17	484899.9128	1301345.344	313.45
91	111+50.37	17	484903.7554	1301335.893	313.86
92	111+52.52	16.97	484904.5326	1301333.967	313.94
93	111+02.99	58.66	484925.1905	1301394.857	313.02
94	110+96.00	39.53	484904.8239	1301394.352	312.77
95	111+01.77	25.72	484894.0953	1301383.924	312.82
96	111+03.05	25	484893.8914	1301382.464	312.83

POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
97	111+32.08	25	484904.5268	1301355.46	312.98
98	111+39.80	25	484907.3563	1301348.276	313.29
99	111+50.37	25	484911.133	1301338.987	313.7
100	111+52.79	24.96	484911.9911	1301336.86	313.79
101	111+76.89	20.42	484917.3663	1301314.073	314.48
102	112+00.55	15.48	484923.4312	1301291.572	315.43
103	112+18.00	14.91	484931.3184	1301276.613	316.12



NOTES:  
1. ALL CURB DATA IN TABLES AND RADII ARE MEASURED FROM THE BOTTOM OF CURB (FLOW LINE)

BY: mmarquez - Highway Design Division



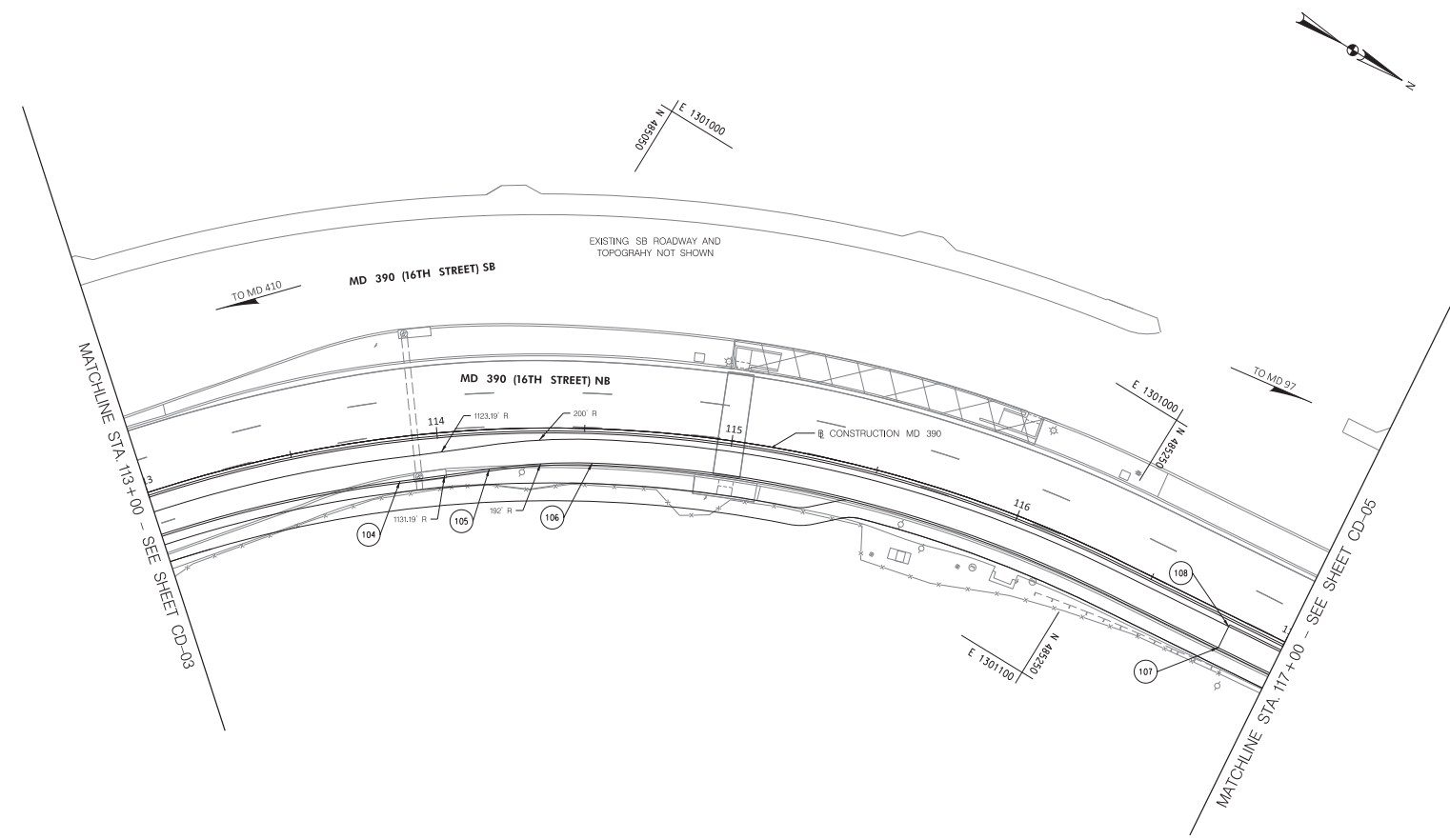
STATE HIGHWAY ADMINISTRATION

HIGHWAY DESIGN DIVISION

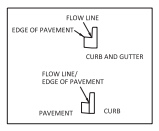
MD 390 (16TH STREET)  
PEDESTRIAN BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE

REVISIONS		CURB DETAILS	
<p>OFFICE OF HIGHWAY DEVELOPMENT FINAL REVIEW SEPTEMBER 11, 2025</p>		<p>SCALE: 1" = 20' ADVERTISED DATE: _____ CONTRACT NO. MD9985588</p>	
DESIGNED BY: MIM	COUNTY: MONTGOMERY	DESIGNED BY: MIM	COUNTY: MONTGOMERY
CHECKED BY: HJD	HORIZONTAL SCALE: _____	CHECKED BY: HJD	HORIZONTAL SCALE: _____
MDE/PRD: 24-PR-0054	VERTICAL SCALE: _____	MDE/PRD: 24-PR-0054	VERTICAL SCALE: _____
DRAWINGS NO. <b>CD-03</b> OF <b>07</b>		SHEET NO. OF 107	

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POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
104	113+85.61	14.91	485036.92	1301154.672	325.98
105	114+17.09	13.4	485060.5485	1301135.399	328.21
106	114+52.94	11.67	485089.1747	1301115.525	330.67
107	116+80.62	11.67	485302.218	1301058.238	344.01
108	116+80.62	3.67	485301.4843	1301050.272	344.19



NOTES:  
1. ALL CURB DATA IN TABLES AND RADII ARE MEASURED FROM THE BOTTOM OF CURB (FLOW LINE)

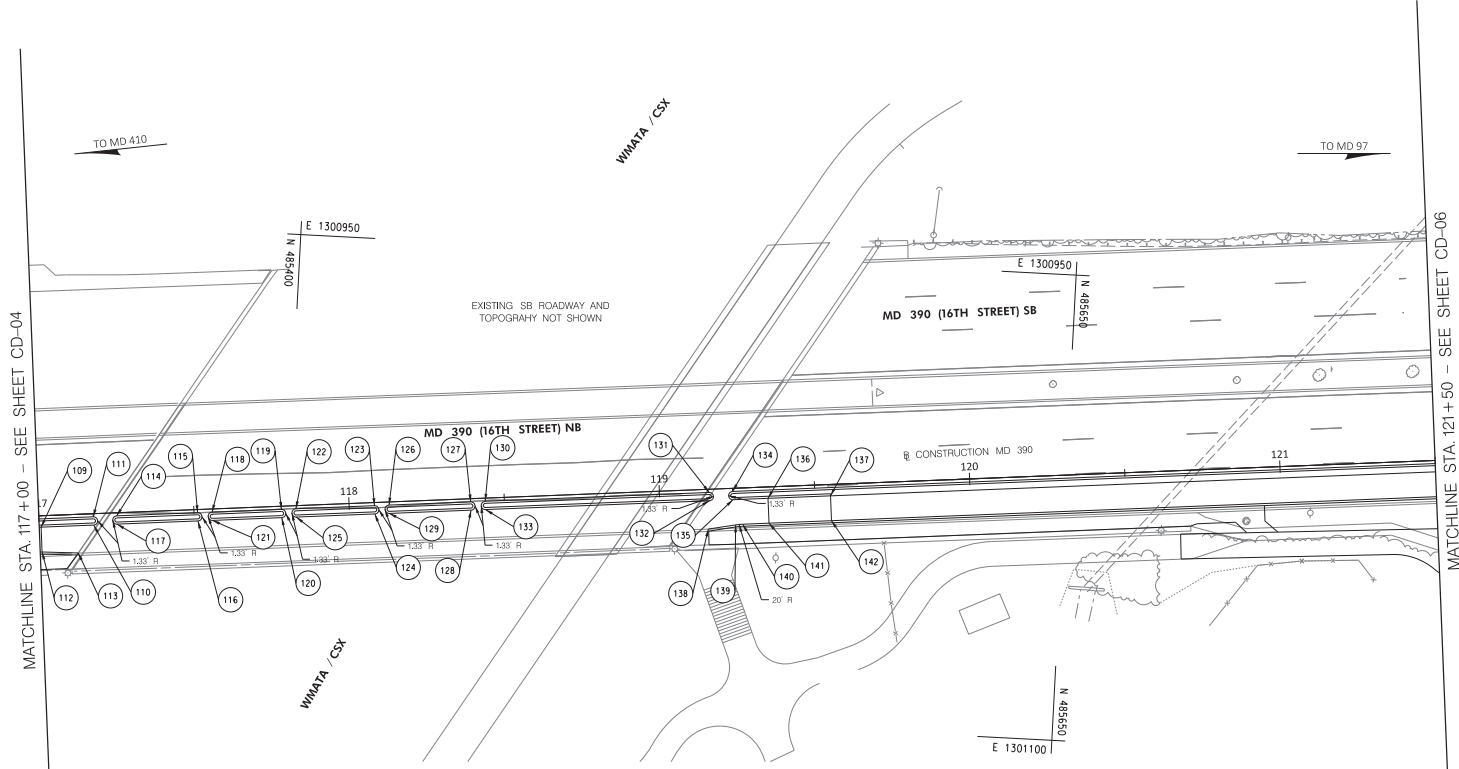
MDOT MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION

HIGHWAY DESIGN DIVISION

MD 390 (16TH STREET) PEDESTRIAN/BICYCLE ROUTE FROM SPRING STREET TO 2ND AVENUE

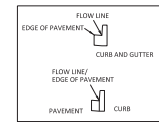
REVISIONS		CURB DETAILS	
OFFICE OF HIGHWAY DEVELOPMENT FINAL REVIEW SEPTEMBER 11, 2025		SCALE: 1" = 20'	CONTRACT NO. MC29985188
DESIGNED BY: MM	COUNTY: MONTGOMERY	DRAWN BY: MM	LOGVILLE
CHECKED BY: HDG	HORIZONTAL SCALE	MDE/PRD: 24-PB-0054	VERTICAL SCALE
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BY: mmarqueez - Highway Design Division




POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
I09	117+00.62	3.67	485321.4	1301048.437	344.54
I10	117+17.75	3.67	485338.4567	1301046.866	344.98
I11	117+17.54	1.00	485338.0062	1301044.23	345.04
I12	117+00.62	11.67	485322.337	1301056.404	344.26
I13	117+12.44	12.45	485333.9758	1301056.098	344.66
I14	117+25.09	1.00	485345.524	1301043.54	345.29
I15	117+51.18	1.00	485371.4969	1301041.151	346.1
I16	117+51.18	3.67	485371.7412	1301043.806	346.02
I17	117+25.09	3.67	485345.7683	1301046.196	345.23
I18	117+55.84	1.00	485376.1436	1301040.723	346.23
I19	117+78.17	1.00	485398.3804	1301038.677	346.76
I20	117+78.17	3.67	485398.625	1301041.333	346.66
I21	117+55.84	3.67	485376.3882	1301043.379	346.14
I22	117+82.84	1.00	485403.0303	1301038.25	346.86

POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
I23	118+08.17	1.00	485428.2527	1301035.929	347.33
I24	118+08.17	3.67	485428.497	1301038.584	347.19
I25	117+82.84	3.67	485403.2747	1301040.905	346.75
I26	118+12.85	1.00	485432.9078	1301035.491	347.33
I27	118+39.18	1.00	485459.1265	1301033.089	347.79
I28	118+39.18	3.67	485459.3711	1301035.744	347.63
I29	118+12.84	3.67	485433.1485	1301038.157	347.26
I30	118+43.84	1.00	485463.7738	1301032.661	347.86
I31	119+16.01	1.00	485535.637	1301026.05	348.11
I32	119+16.01	3.67	485535.8813	1301028.705	347.9
I33	118+43.84	3.67	485464.0181	1301035.317	347.7
I34	119+23.57	1.00	485543.1666	1301025.333	347.93
I35	119+23.57	3.67	485543.4112	1301027.989	347.88
I36	119+34.87	3.67	485554.6634	1301026.953	347.75
I37	119+55.02	3.67	485574.721	1301025.105	346.28
I38	119+15.31	12.79	485536.0161	1301037.836	347.74
I39	119+24.12	11.79	485544.7001	1301036.032	347.71
I40	119+26.37	11.67	485546.9329	1301035.698	347.69
I41	119+34.87	11.67	485555.3971	1301034.919	347.57
I42	119+55.02	11.67	485575.4547	1301033.071	348.44



NOTES:  
1. ALL CURB DATA IN TABLES AND RADII ARE MEASURED FROM THE BOTTOM OF CURB (FLOW LINE).

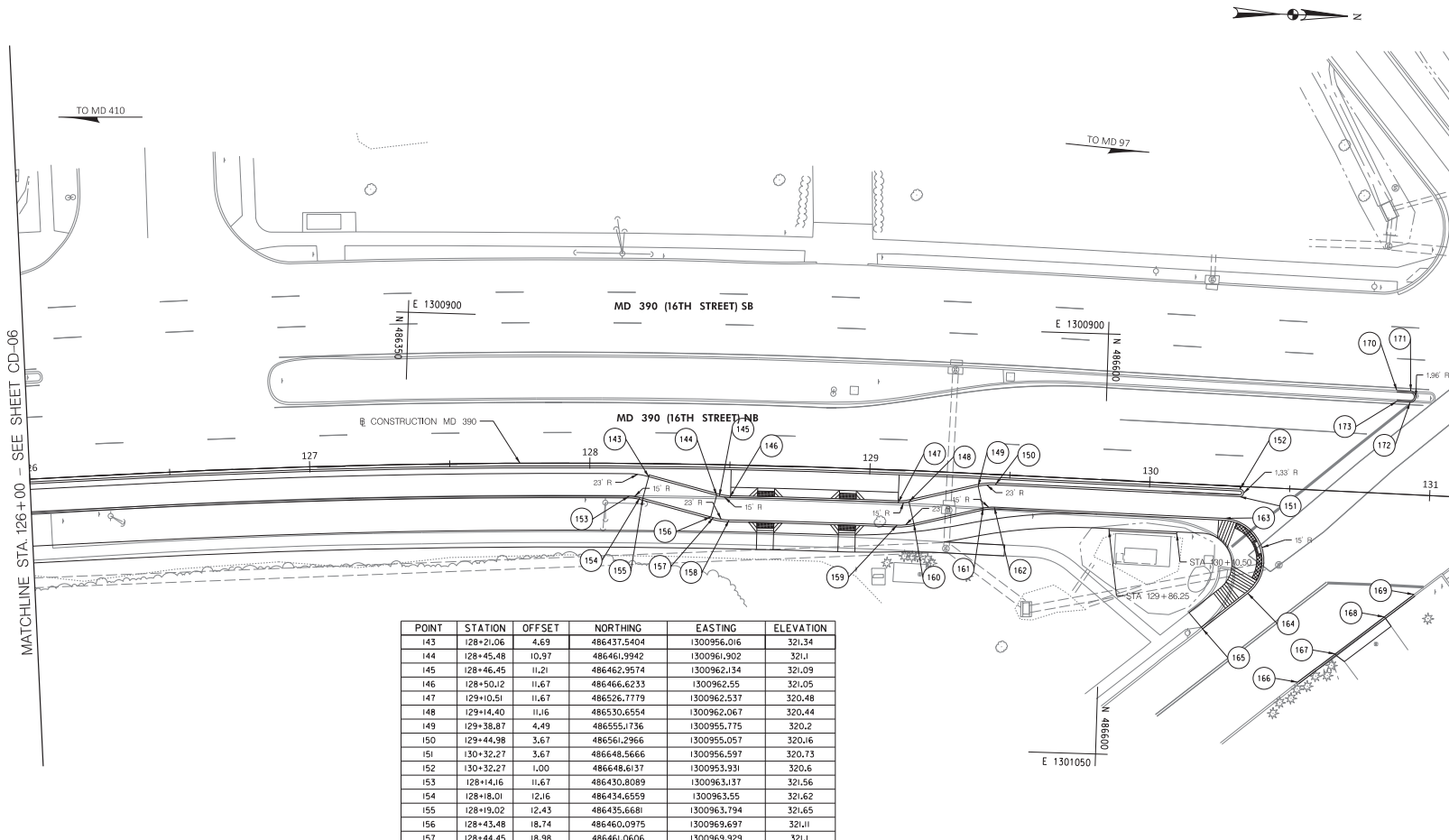

 MARYLAND DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION

HIGHWAY DESIGN DIVISION  
 MD 390 (16TH STREET)  
 PEDESTRIAN/BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

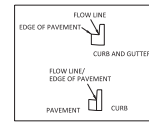
REVISIONS		CURB DETAILS	
OFFICE OF HIGHWAY DEVELOPMENT <b>FINAL REVIEW</b> SEPTEMBER 11, 2025		SCALE: 1" = 20' ADVERTISED DATE: _____ CONTRACT NO.: MD0985188	DESIGNED BY: MM COUNTY: MONTGOMERY DRAWN BY: MM LOGVILLE CHECKED BY: HDD HORIZONTAL SCALE: _____ MDE/PRD: 24-PB-0054 VERTICAL SCALE: _____
THIS DOCUMENT IS A DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT).		DRAWING NO.: <b>CD-05</b> OF <b>07</b>	SHEET NO.: OF 107

BY: mmarquez - Highway Design Division





POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
143	128+21.06	4.69	486437.5404	1300956.016	321.34
144	128+45.48	10.97	486461.9942	1300961.902	321.1
145	128+46.45	11.21	486462.9574	1300962.134	321.09
146	128+50.12	11.67	486466.6233	1300962.55	321.05
147	129+10.51	11.67	486526.7779	1300962.537	320.48
148	129+14.40	11.16	486530.6554	1300962.067	320.44
149	129+38.87	4.49	486555.1736	1300955.775	320.2
150	129+44.98	3.67	486561.2966	1300955.057	320.16
151	130+32.27	3.67	486648.5666	1300956.597	320.73
152	130+32.27	1.00	486648.6137	1300953.931	320.6
153	128+14.16	11.67	486430.8089	1300963.137	321.56
154	128+18.01	12.16	486434.6559	1300963.55	321.62
155	128+19.02	12.43	486435.6681	1300963.794	321.65
156	128+43.48	18.74	486460.0975	1300969.697	321.11
157	128+44.45	18.98	486461.0606	1300969.929	321.1
158	128+50.12	19.69	486466.7016	1300970.571	320.9
159	129+10.51	19.67	486526.6984	1300970.537	320.32
160	129+16.49	18.88	486532.644	1300969.816	320.42
161	129+41.00	12.21	486557.1622	1300963.524	320.13
162	129+44.98	11.67	486561.1554	1300963.056	320
163	130+27.02	11.67	486643.1823	1300964.503	320.89
164	130+36.85	38.00	486652.5465	1300991.003	322.37
165	130+21.35	51.45	486536.8063	1300104.18	323.78
166	130+56.14	68.82	486671.2827	1300221.57	324.08
167	130+59.06	58.06	486684.3905	130011.634	323.37
168	130+85.94	44.01	486701.5171	1300997.886	322.68
169	130+96.12	35.54	486711.8488	1300989.592	322.36
170	130+86.49	-36.92	486703.4938	1300916.976	321.44
171	130+91.43	-36.88	486708.4301	1300917.099	321.5
172	130+91.39	-32.96	486708.3274	1300921.024	321.71
173	130+86.60	-33.00	486703.5372	1300920.893	321.63



NOTES:  
1. ALL CURB DATA IN TABLES AND RADII ARE MEASURED FROM THE BOTTOM OF CURB (FLOW LINE)

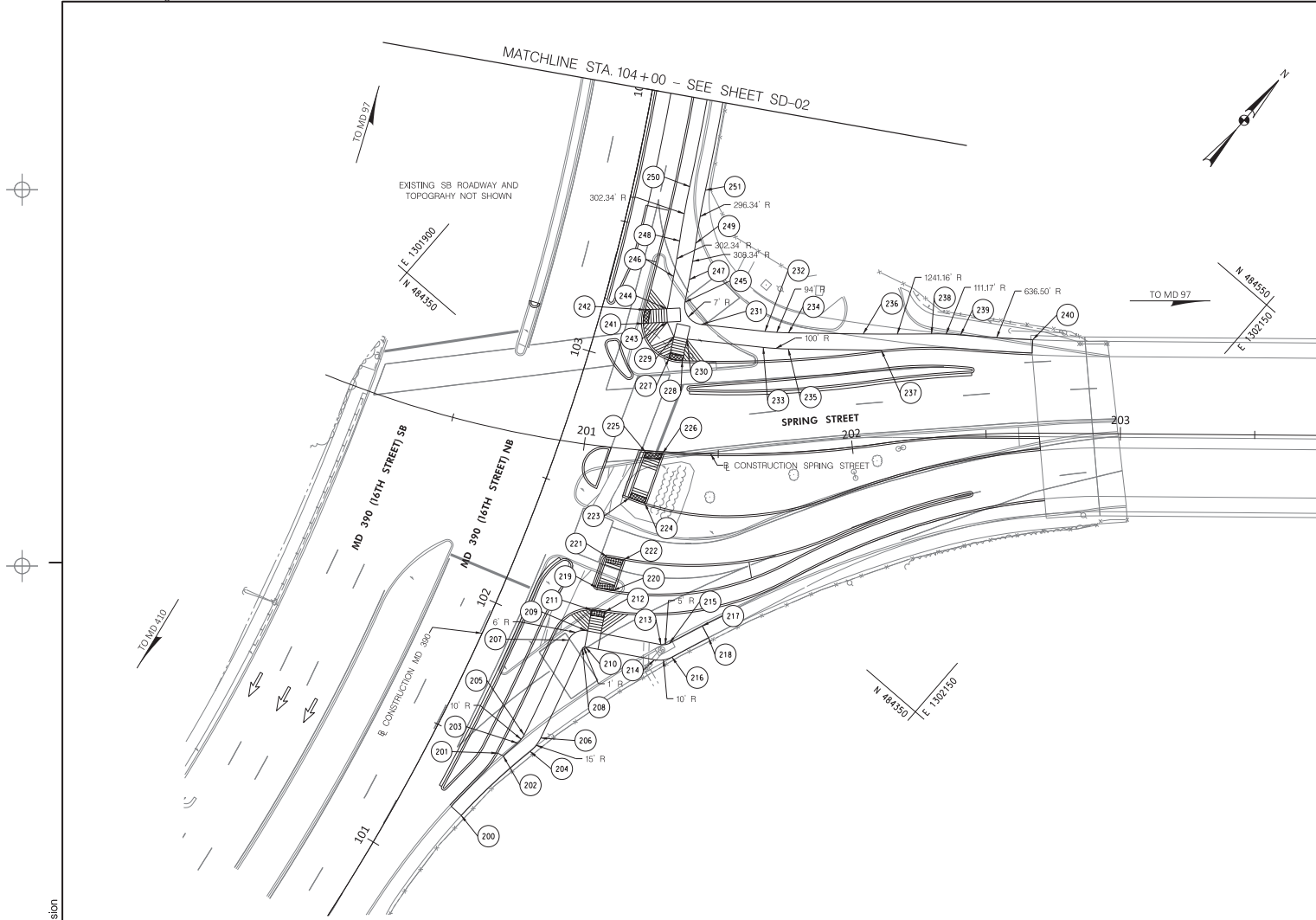
HIGHWAY DESIGN DIVISION

MARYLAND DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

MD 390 (16TH STREET)  
PEDESTRIAN BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE


REVISIONS	CURB DETAILS
<b>OFFICE OF HIGHWAY DEVELOPMENT</b> <b>FINAL REVIEW</b> SEPTEMBER 11, 2025	SCALE: 1" = 20' ADVERTISED DATE _____ CONTRACT NO. <u>MD0988588</u>
THIS DOCUMENT IS A DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD GENERAL PROVISIONS CODE ANN. § 4-304 (MARTY LAW PUBLIC INFORMATION ACT).	DESIGNED BY: <u>MM</u> COUNTY: <u>MONTGOMERY</u> DRAWN BY: <u>MM</u> LOGFILE: CHECKED BY: <u>HDD</u> HORIZONTAL SCALE: MDE/PRD: <u>24-PB-0054</u> VERTICAL SCALE:
DRAWING NO. <b>CD-07</b> OF <b>07</b>	SHEET NO. OF 107

BY: mmarquez - Highway Design Division



POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
200	101+24.43	23.56	484210.3421	1302047.298	337.75
201	101+50.56	24.67	484236.789	1302044.419	338.25
202	101+50.56	26.94	484237.3249	1302044.628	338.25
203	101+57.03	25.63	484244.4654	1302045.629	338.36
204	101+56.37	35.14	484245.408	1302051.137	338.35
205	101+60.70	30.37	484248.3337	1302045.414	338.41
206	101+62.37	36.42	484251.5204	1302050.832	338.43
207	101+98.34	30.37	484286.87	1302034.889	338.84
208	101+97.59	36.37	484286.8661	1302040.858	338.83
209	102+03.95	35	484292.801	1302037.599	338.88
210	101+98.52	37.14	484288.0204	1302041.309	338.84
211	102+11.52	33.78	484299.9458	1302034.049	338.93
212	102+12.75	38.62	484302.6494	1302038.26	338.94
213	102+09.86	62.54	484307.0546	1302061.973	338.92
214	102+04.15	62.6	484301.2189	1302063.88	338.88
215	102+11.45	65.32	484309.5358	1302064.1	338.93
216	102+07.36	68.15	484306.813	1302068.134	338.9
217	102+21.26	74.13	484322.36	1302069.16	338.99
218	102+18.31	77.96	484320.525	1302073.811	338.97
219	102+19.61	32.43	484307.5181	1302030.151	338.98
220	102+20.80	38.36	484301.5626	1302035.39	338.98
221	102+31.23	31.72	484318.7054	1302025.605	339.02
222	102+32.35	37.67	484321.7671	1302030.836	339.03
223	102+53.91	31.6	484340.7797	1302017.466	339.03
224	102+53.98	37.6	484342.9731	1302023.051	339.03
225	102+71.16	31.61	484357.4639	1302010.981	338.98
226	102+72.69	37.63	484361.1854	1302015.972	338.97
227	103+05.85	29.22	484389.5898	1301994.71	338.67
228	103+06.45	34.19	484392.1996	1301998.985	338.66
229	103+13.86	28.71	484396.9151	1301990.814	338.6
230	103+14.13	33.7	484399.2629	1301995.229	338.59
231	103+20.75	37.29	484407.0374	1301995.568	338.5
232	103+24.37	60.78	484420.5476	1302015.51	338.44
233	103+18.84	61.75	484415.609	1302018.559	338.53
234	103+26.03	69.37	484425.8668	1302022.137	338.42
235	103+20.66	70.88	484421.2681	1302025.991	338.5
236	103+32.22	96.31	484443.7083	1302043.427	338.31
237	103+28.50	104.41	484443.5091	1302052.531	338.38
238	103+31.93	120.93	484460.3684	1302062.673	338.21
239	103+39.92	131.5	484467.125	1302071.114	338.18
240	103+44.07	157.97	484483.3451	1302092.593	338.1
241	103+15.44	16.34	484393.2026	1301978.907	338.57
242	103+20.40	15.67	484397.4911	1301976.157	338.5
243	103+18.26	24.84	484399.4048	1301985.395	338.53
244	103+22.87	23.26	484403.0191	1301981.94	338.47
245	103+26.89	29.2	484409.324	1301985.516	338.4
246	103+34.79	22.64	484413.7788	1301976.056	338.27
247	103+35.16	28.63	484416.7576	1301981.265	338.26
248	103+47.84	21.61	484425.2875	1301969.31	338.02
249	103+48.37	27.58	484428.4947	1301974.202	338.01
250	103+67.84	20.67	484442.9892	1301958.758	337.57
251	103+67.84	26.67	484445.8451	1301964.035	337.57

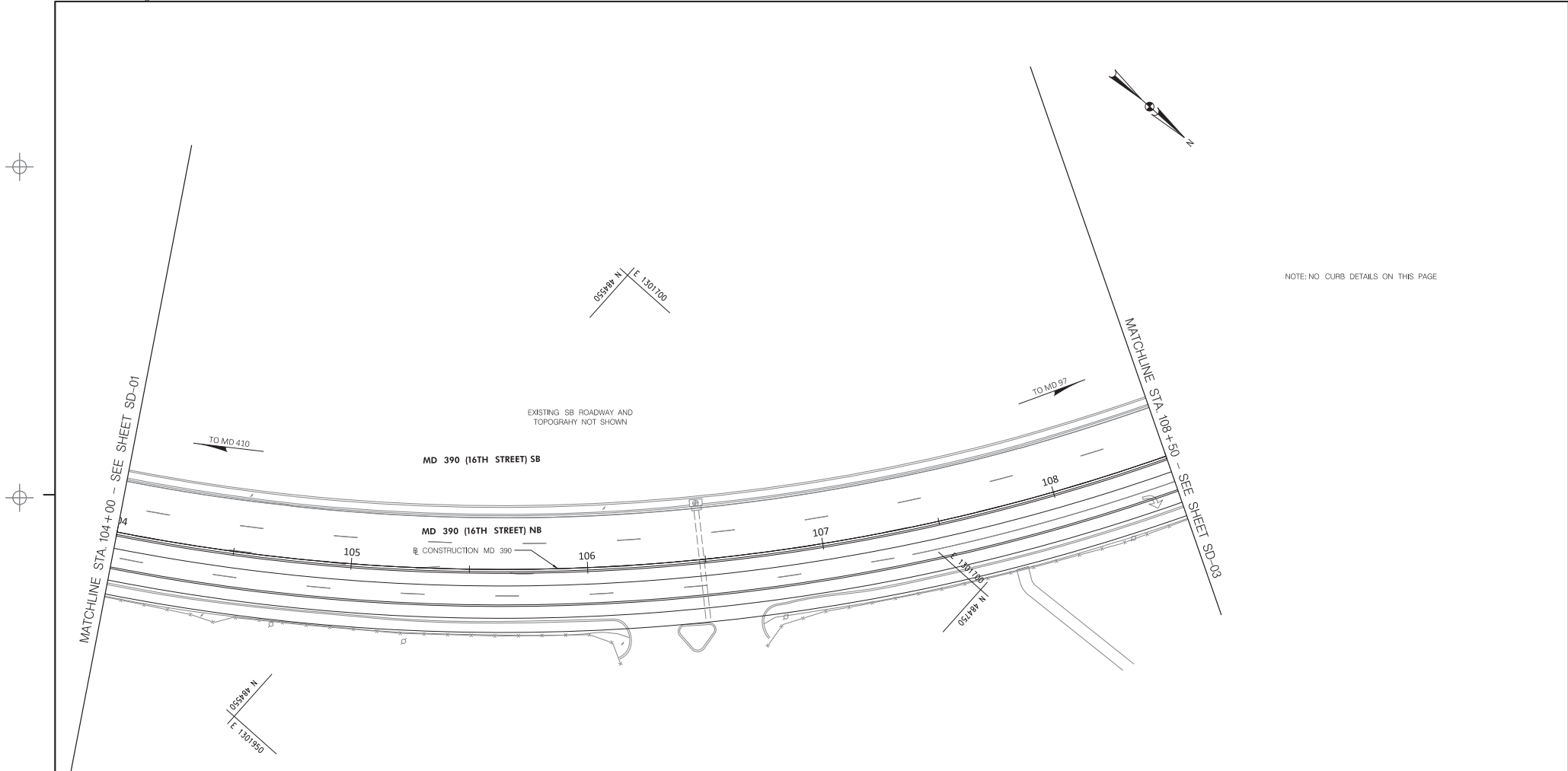
NOTE: ALL SIDEWALK DATA IN THE TABLES ARE MEASURED FROM THE EDGE OF SIDEWALK


 HIGHWAY DESIGN DIVISION  
 MARYLAND DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION  
 MD 390 (16TH STREET) PEDESTRIAN BICYCLE ROUTE FROM SPRING STREET TO 2ND AVENUE

REVISIONS		CONTRACT NO. MC9985688	
OFFICE OF HIGHWAY DEVELOPMENT FINAL REVIEW SEPTEMBER 11, 2025		SCALE: 1" = 20'	
DESIGNED BY: MM		COUNTY: MONTGOMERY	
DRAWN BY: MM		LOGMILE: _____	
CHECKED BY: HDQ		HORIZONTAL SCALE: _____	
MDE/FPD 24-PR-0054		VERTICAL SCALE: _____	
DRAWINGS NO. SD-01	OF 07	SHEET NO. OF 107	


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BY: mmatquez - Highway Design Division



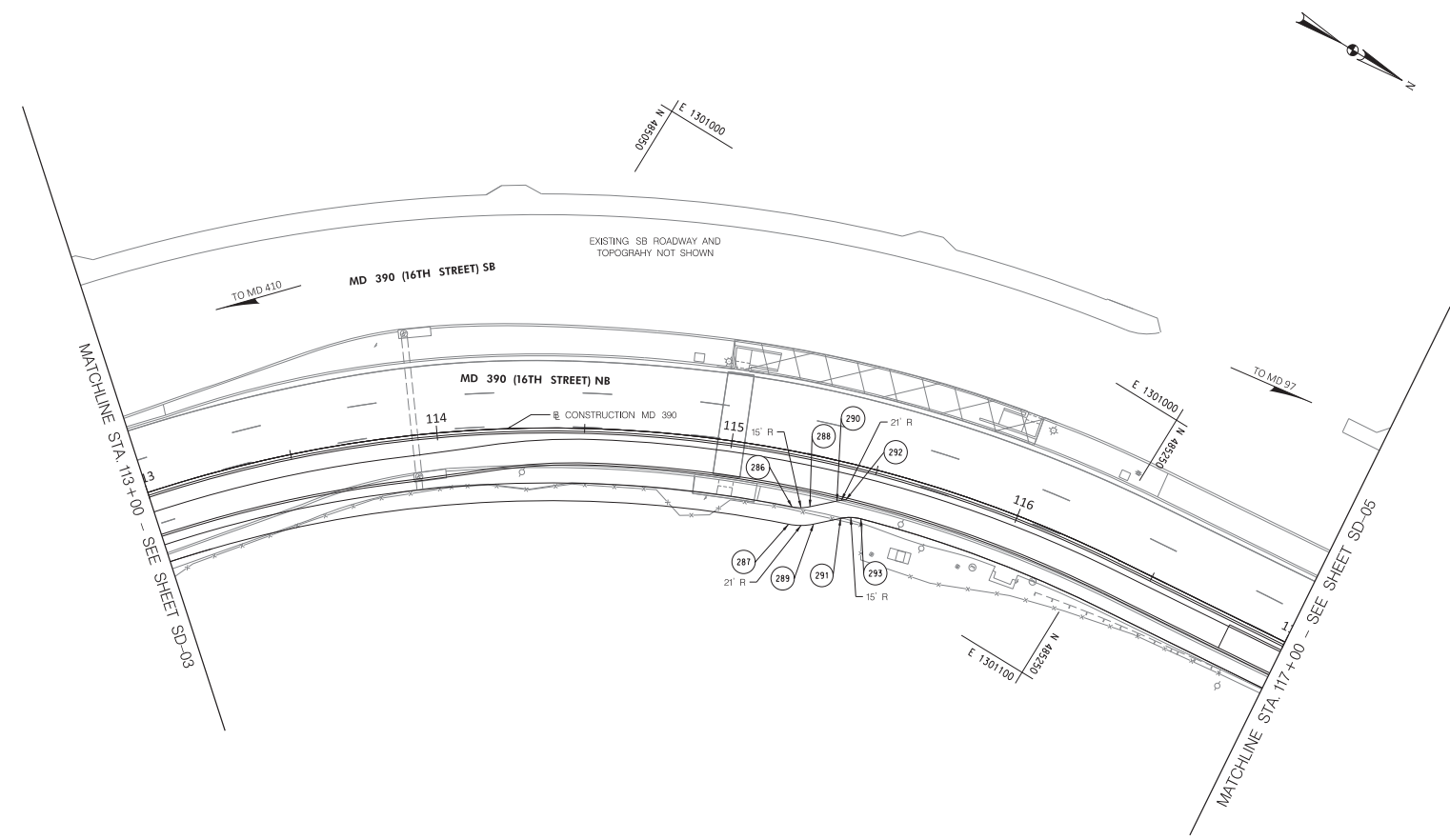
NOTE: NO CURB DETAILS ON THIS PAGE

BY: mmarquez - Highway Design Division

 <b>MARYLAND DEPARTMENT OF TRANSPORTATION</b> STATE HIGHWAY ADMINISTRATION	HIGHWAY DESIGN DIVISION
	MD 390 (16TH STREET) PEDESTRIAN BICYCLE ROUTE FROM SPRING STREET TO 2ND AVENUE
	CONTRACT NO. <u>MD09985188</u>


REVISIONS	SIDEWALK DETAILS
OFFICE OF HIGHWAY DEVELOPMENT <b>FINAL REVIEW</b> SEPTEMBER 11, 2025	SCALE: 1" = 20' ADVERTISED DATE: _____ CONTRACT NO. <u>MD09985188</u>
<small>THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT).</small>	DESIGNED BY: <u>MM</u> COUNTY: <u>MONTGOMERY</u>
	DRAWN BY: <u>MM</u> LOG/MILE: _____
	CHECKED BY: <u>HDD</u> HORIZONTAL SCALE: _____
	MDE/PRD: <u>24-PB-0054</u> VERTICAL SCALE: _____
DRAWINGS NO. <b>SD-02</b> OF <b>07</b> SHEET NO. OF 107	





POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
286	115+24.28	18.58	485164.4809	1301092.855	334.98
287	115+24.28	24.58	485156.5493	1301098.487	334.98
288	115+30.45	17.32	485159.616	1301089.673	335.38
289	115+33.03	22.79	485163.7385	1301094.032	335.54
290	115+39.24	13.43	485166.3983	1301083.259	335.94
291	115+41.91	18.85	485170.5208	1301087.619	336.11
292	115+42.15	12.33	485168.7442	1301081.342	336.12
293	115+48.90	17.33	485176.4608	1301084.167	336.55

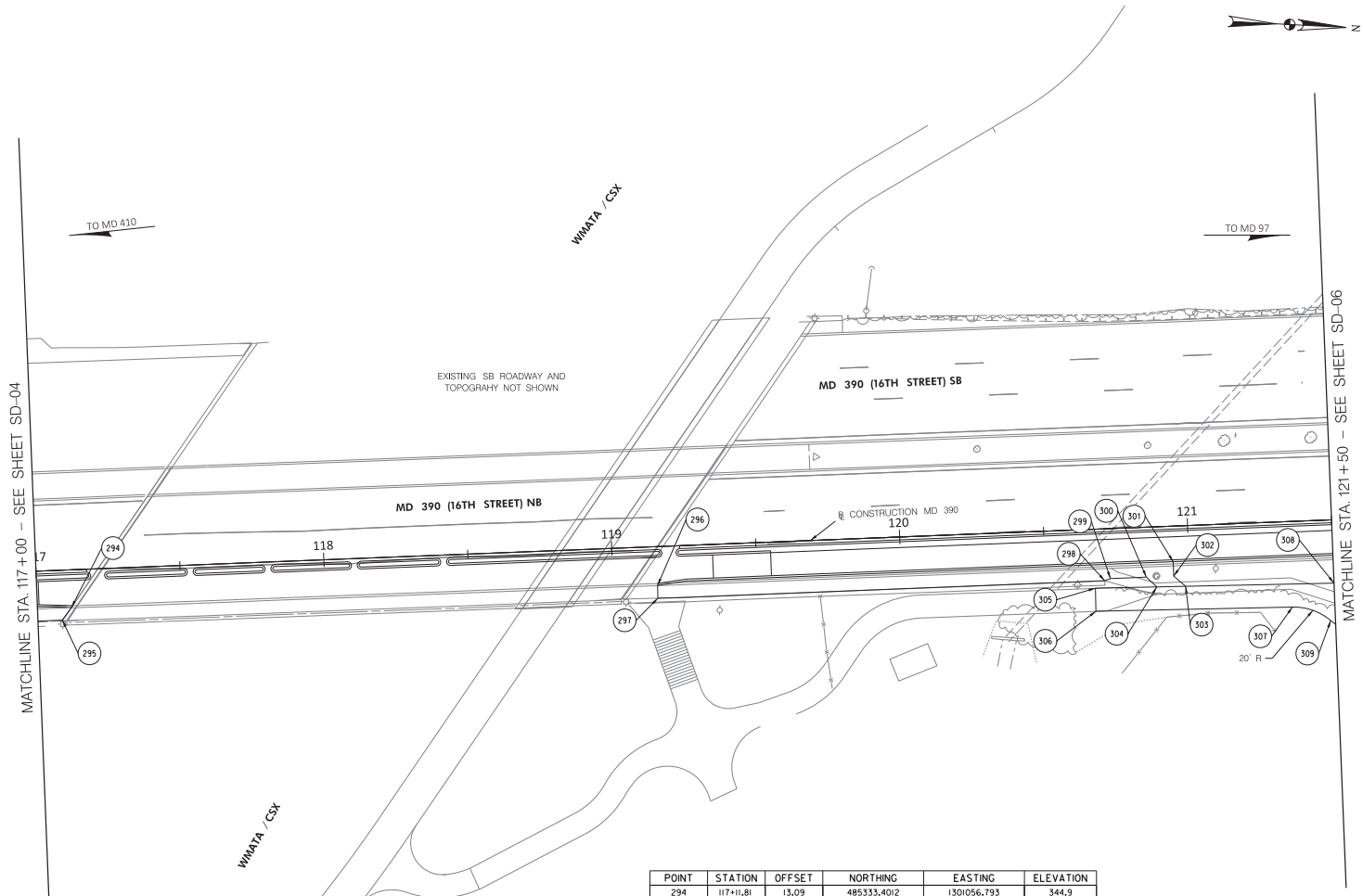
NOTE: ALL SIDEWALK DATA IN THE TABLES ARE MEASURED FROM THE EDGE OF SIDEWALK


 MARYLAND DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION

HIGHWAY DESIGN DIVISION  
 MD 390 (16TH STREET)  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

REVISIONS		SIDEWALK DETAILS	
OFFICE OF HIGHWAY DEVELOPMENT <b>FINAL REVIEW</b> SEPTEMBER 11, 2025		SCALE: 1" = 20'	ADVERTISED DATE: _____ CONTRACT NO. M03985188
DESIGNED BY: MM	COUNTY: MONTGOMERY	DRAWN BY: MM	LOGFILE: _____
CHECKED BY: HDG	HORIZONTAL SCALE: _____	MDE/PRD: 24-PR-0054	VERTICAL SCALE: _____
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BY: mmarquez - Highway Design Division



POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
294	117+11.81	13.09	485333.4012	1301056.793	344.9
295	117+08.48	17.33	485330.4757	1301061.326	344.8
296	119+15.38	13.46	485536.7516	1301038.488	347.94
297	119+15.32	17.91	485536.5002	1301042.931	347.94
298	120+10.51	18	485639.0471	1301028.788	344.84
299	120+12.51	17.33	485632.9773	1301027.938	344.78
300	120+85.00	17.33	485705.4112	1301026.792	344.37
301	120+94.50	12.33	485714.4126	1301020.942	344.02
302	120+94.50	17.33	485714.8712	1301025.921	344.02
303	120+98.50	21.04	485719.194	1301029.242	343.87
304	120+88.50	20.85	485709.2193	1301029.976	344.24
305	120+67.19	20.46	485687.9666	1301031.541	344.94
306	120+67.05	28.46	485688.554	1301039.519	344.95
307	121+35.26	29.71	485756.5941	1301034.51	342.49
308	121+49.98	21.98	485770.546	1301025.462	341.92
309	121+48.36	34.92	485770.1143	1301038.495	341.99

NOTE: ALL SIDEWALK DATA IN THE TABLES ARE MEASURED FROM THE EDGE OF SIDEWALK

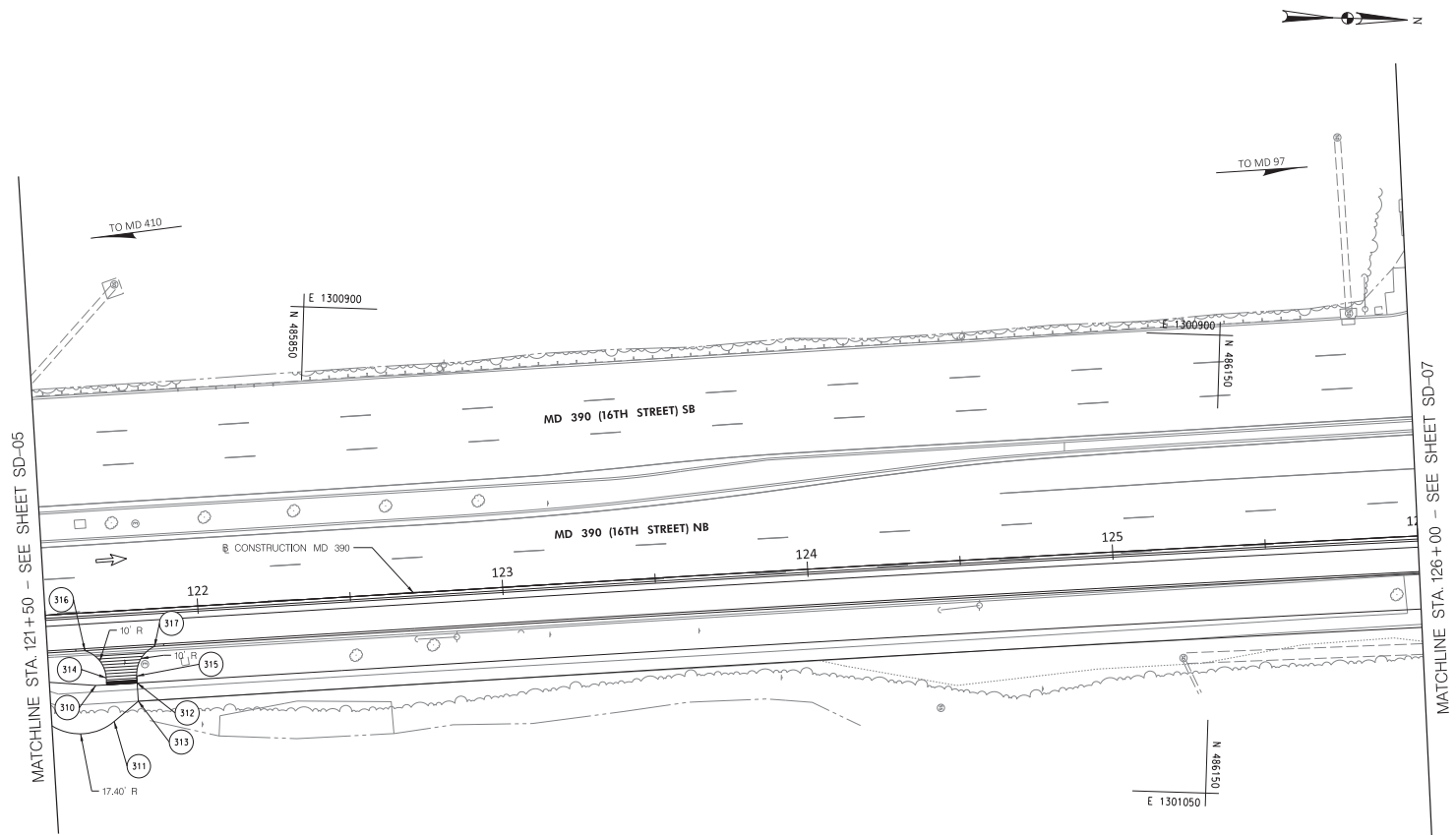
MDOT MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION

HIGHWAY DESIGN DIVISION

MD 390 (16TH STREET) PEDESTRIAN BICYCLE ROUTE FROM SPRING STREET TO 2ND AVENUE

REVISIONS		SIDEWALK DETAILS	
OFFICE OF HIGHWAY DEVELOPMENT FINAL REVIEW SEPTEMBER 11, 2025		SCALE: 1" = 20'	ADVERTISED DATE: _____ CONTRACT NO. MD09985188
DESIGNED BY: MM	COUNTY: MONTGOMERY	DRAWN BY: MM	LOGVILLE
CHECKED BY: HDG	HORIZONTAL SCALE: _____	DATE/PRD: 24-PR-0054	VERTICAL SCALE: _____
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BY: mmarquez - Highway Design Division



POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
310	121+65.13	23.94	485785.8051	1301026.023	341.33
311	121+70.40	36.05	485792.17	1301037.6	341.09
312	121+78.68	23.94	485799.303	1301024.779	340.74
313	121+78.68	29.94	485799.8533	1301030.754	340.74
314	121+68.68	21.67	485789.1366	1301023.432	341.17
315	121+78.68	21.67	485799.0944	1301022.515	340.74
316	121+62.27	12.33	485781.8977	1301014.726	341.45
317	121+85.09	12.33	485804.6213	1301012.633	340.49

NOTE: ALL SIDEWALK DATA IN THE TABLES ARE MEASURED FROM THE EDGE OF SIDEWALK

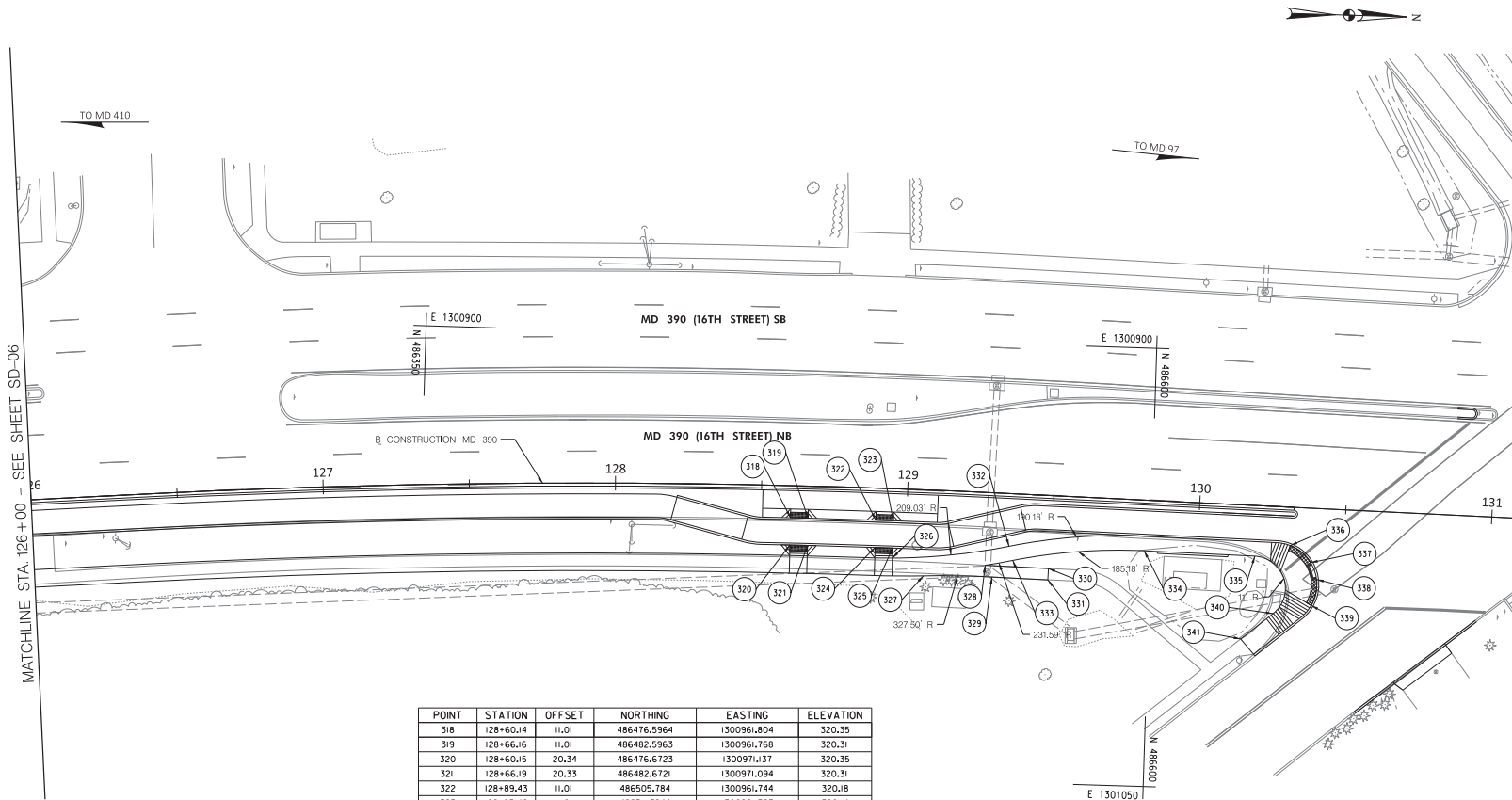
HIGHWAY DESIGN DIVISION

MARYLAND DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

MD 390 (16TH STREET)  
PEDESTRIAN BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE


REVISIONS	SIDEWALK DETAILS
<p>OFFICE OF HIGHWAY DEVELOPMENT <b>FINAL REVIEW</b> SEPTEMBER 11, 2025</p> <p><small>THIS DOCUMENT IS A DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTER-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-304 (MARYLAND PUBLIC INFORMATION ACT).</small></p>	<p>SCALE: 1" = 20'    ADVERTISED DATE: _____    CONTRACT NO. <u>MD09985188</u></p> <p>DESIGNED BY: <u>MM</u>    COUNTY: <u>MONTGOMERY</u></p> <p>DRAWN BY: <u>MM</u>    LOGVILLE</p> <p>CHECKED BY: <u>HDD</u>    HORIZONTAL SCALE: _____</p> <p>MDE/PRD: <u>24-PB-0054</u>    VERTICAL SCALE: _____</p> <p>DRAWING NO. <b>SD-06</b> OF <b>07</b>    SHEET NO. OF 107</p>

BY: mmarquiez - Highway Design Division



POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
318	128+60.14	11.01	486476.5964	1300961.804	320.35
319	128+66.16	11.01	486482.5963	1300961.768	320.31
320	128+66.15	20.34	486476.6723	1300971.137	320.35
321	128+66.19	20.33	486482.6721	1300971.094	320.31
322	128+89.43	11.01	486505.784	1300961.744	320.18
323	128+95.46	11.01	486511.7844	1300961.767	320.14
324	128+89.49	20.33	486505.8176	1300971.072	320.18
325	128+95.54	20.33	486511.8178	1300971.093	320.14
326	128+95.57	23.78	486511.8301	1300974.538	320.14
327	129+06.51	29.43	486522.6433	1300980.267	320.1
328	129+27.67	24.93	486543.6628	1300976.016	320.11
329	129+30.19	28.81	486546.0936	1300979.933	320.11
330	129+49.37	24.99	486565.3025	1300976.452	320.13
331	129+49.35	28.88	486565.2185	1300980.346	320.13
332	129+35.52	18.04	486551.5805	1300969.263	320.12
333	129+37.03	22.82	486553.0061	1300974.066	320.12
334	129+81.77	17.33	486597.8339	1300969.371	320.21
335	130+19.68	17.33	486635.7387	1300970.04	320.52
336	130+31.65	13.1	486647.7847	1300966.019	320.64
337	130+38.88	18.61	486654.9156	1300971.659	320.73
338	130+41.16	24.27	486657.0898	1300977.358	320.75
339	130+39.75	33.25	486655.5304	1300986.31	320.74
340	130+26.87	36.66	486642.5864	1300989.488	320.59
341	130+16.21	45.86	486631.7696	1300998.502	320.48

NOTE: ALL SIDEWALK DATA IN THE TABLES ARE MEASURED FROM THE EDGE OF SIDEWALK


 MARYLAND DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION

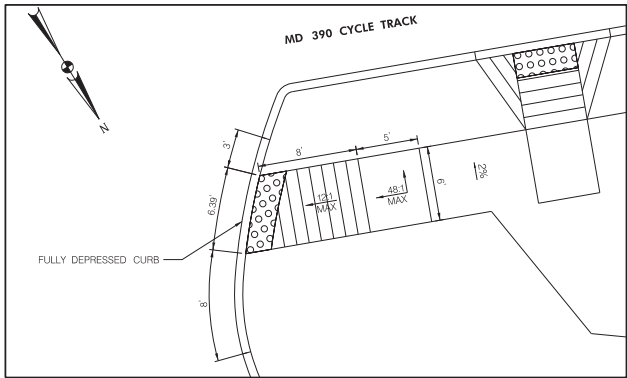
HIGHWAY DESIGN DIVISION

MD 390 (16TH STREET)  
PEDESTRIAN/BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE

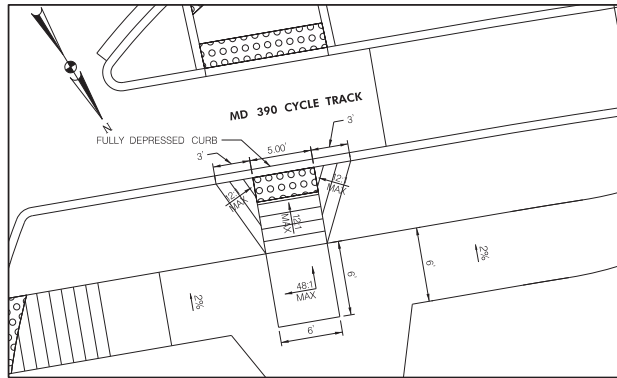
REVISIONS		SIDEWALK DETAILS	
OFFICE OF HIGHWAY DEVELOPMENT <b>FINAL REVIEW</b> SEPTEMBER 11, 2025		SCALE: 1" = 20'	ADVERTISED DATE: _____ CONTRACT NO. MD09985188
DESIGNED BY: MM	COUNTY: MONTGOMERY	DRAWN BY: MM	LOG/FILE: _____
CHECKED BY: HDQ	HORIZONTAL SCALE: _____	MDE/PRD: 24-PB-0054	VERTICAL SCALE: _____
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BY: mmarquez - Highway Design Division

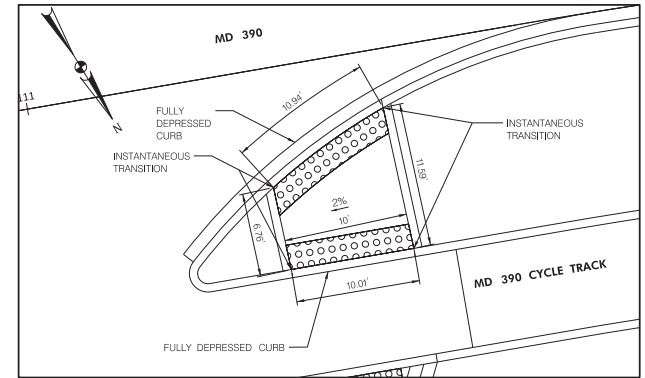




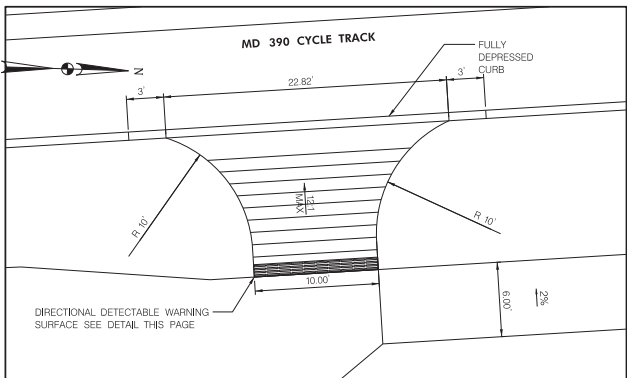
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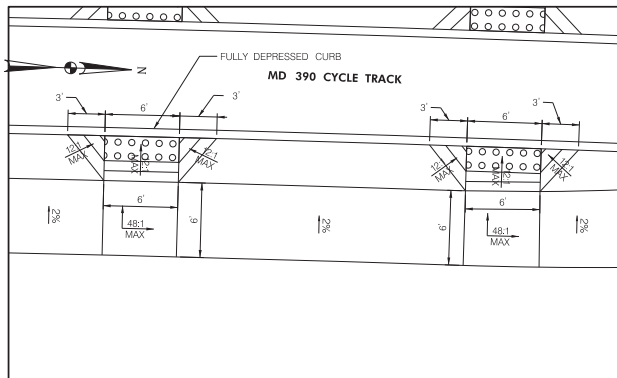
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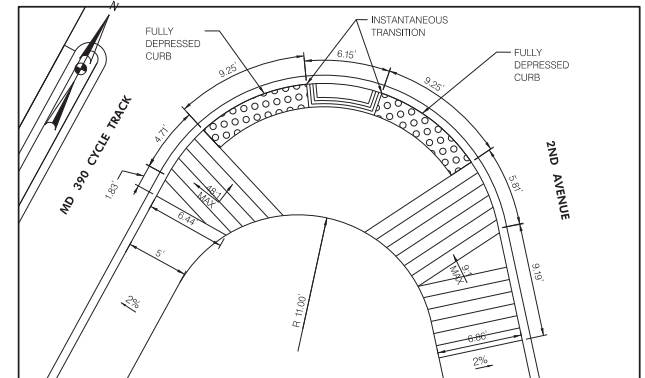
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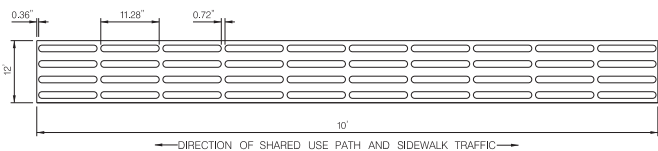
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MD 390 STA 121+75 RT



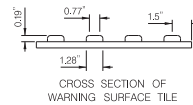
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MD 390 STA 128+63 RT & STA 128+92 RT



RAMP M  
MD 390 STA 130+37 RT



ROADWAY DETAIL: DIRECTIONAL DETECTABLE WARNING SURFACE  
(NOT TO SCALE)




CROSS SECTION OF WARNING SURFACE TILE

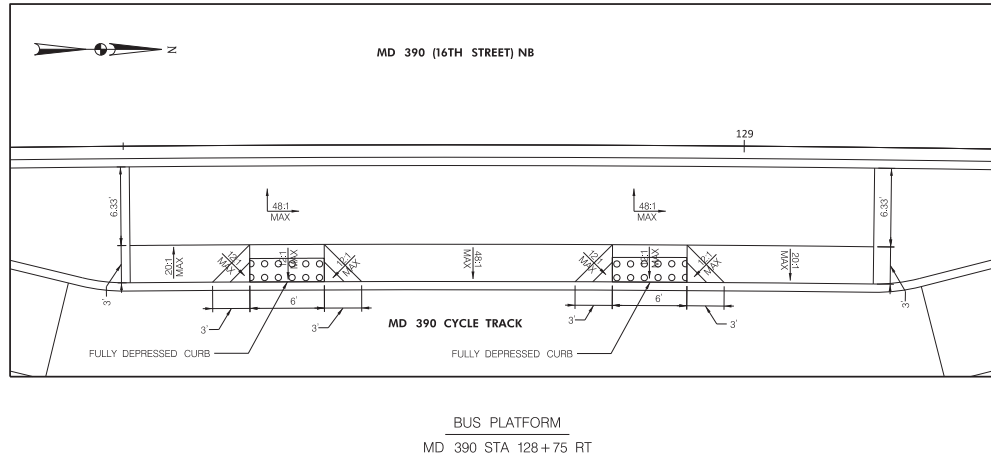
ADA RAMP LEGEND	
	DETECTABLE WARNING SURFACE

REVISIONS	
OFFICE OF HIGHWAY DEVELOPMENT	FINAL REVIEW
SEPTEMBER 11, 2025	


THIS DOCUMENTAL PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT).



 HIGHWAY DESIGN DIVISION  
 MARYLAND DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION  
 MD 390 (16TH STREET)  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

ADA RAMP DETAILS			
SCALE: 1" = 6'	ADVERTISED DATE:	CONTRACT NO.:	MD09985488
DESIGNED BY: MM	COUNTY: MONTGOMERY	LOGFILE:	
CHECKED BY: HSD	HORIZONTAL SCALE:	VERTICAL SCALE:	
MDE/FPD: 24-PB-0054			
DRAWING NO.:	<b>DE-02</b>	OF <b>03</b>	SHEET NO. OF 107



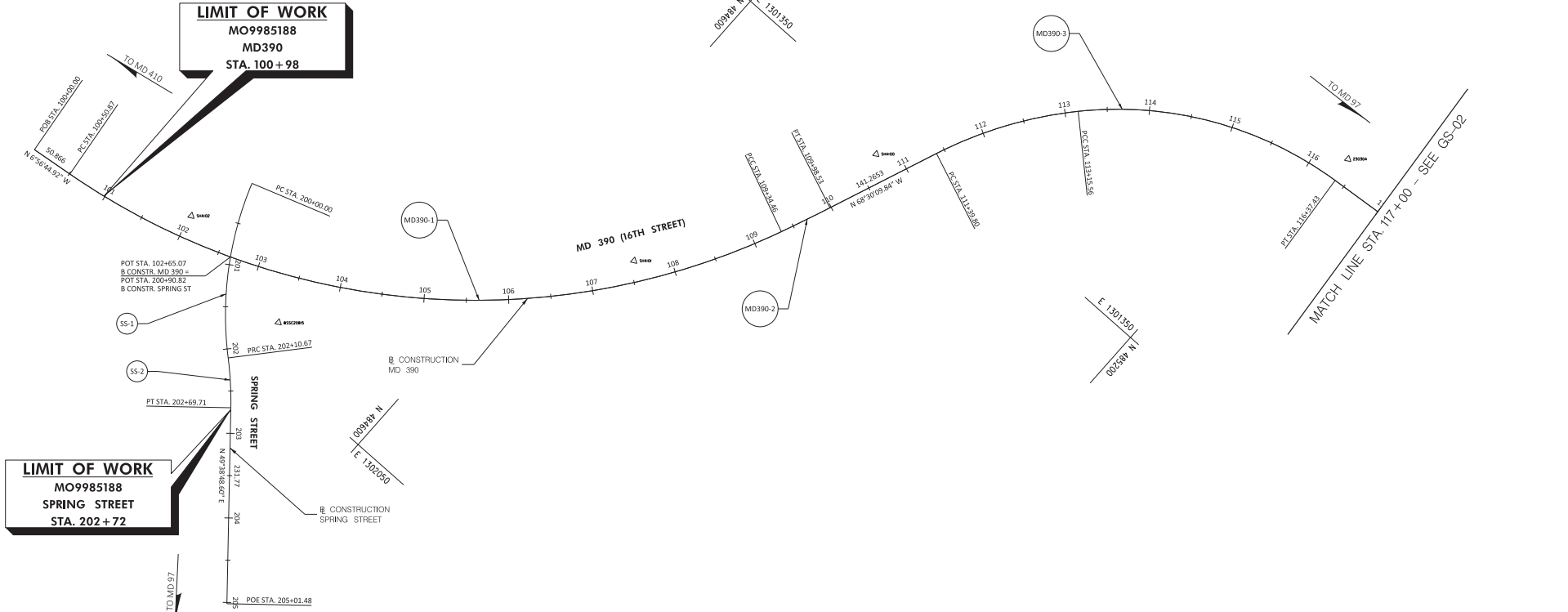
BY: mmarquez - Highway Design Division

 <b>MARYLAND DEPARTMENT OF TRANSPORTATION</b> STATE HIGHWAY ADMINISTRATION	HIGHWAY DESIGN DIVISION  MD 390 (16TH STREET) PEDESTRIAN BICYCLE ROUTE FROM SPRING STREET TO 2ND AVENUE
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ADA RAMP LEGEND	REVISIONS	ADA RAMP DETAILS
 DETECTABLE WARNING SURFACE	<b>OFFICE OF HIGHWAY DEVELOPMENT</b> <b>FINAL REVIEW</b> SEPTEMBER 11, 2025  <small>THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER THE GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT).</small>	SCALE: 1" = 6'    ADVERTISED DATE: _____    CONTRACT NO. <u>MD09985188</u>  DESIGNED BY: <u>MM</u> COUNTY: <u>MONTGOMERY</u> DRAWN BY: <u>MM</u> LOGVILLE CHECKED BY: <u>HDD</u> HORIZONTAL SCALE: _____ MDE/PRD: <u>24-PB-0054</u> VERTICAL SCALE: _____
DRAWING NO. <b>DE-03</b> OF <b>03</b>		SHEET NO. OF 107


TRAVERSE POINTS			
POINT NO.	NORTH	EAST	ELEVATION
SHA102	484273.269	1301978.282	338.658
WSSC20815	484433.899	1302004.190	341.910
SHA101	484700.452	1301671.233	319.705
SHA100	484831.224	1301386.936	313.370
23030A	485252.901	1301021.554	342.699

CURVE DATA								
CURVE	DELTA	Dc	RADIUS	TANGENT	LENGTH	EXTERNAL	CENTER OF CURVE	
							NORTH	EAST
MD390-1	59°52'15.57"	6°46'32.93"	845.5926	486.93471	883.5986	130.18	484030.6647	1301196.9227
MD390-2	1°41'09.35"	2°37'53.43"	2177.2984	32.0359	64.0671	0.2357	482806.4931	1300672.6669
MD390-3	20°50'41.41"	11°51'34.03"	483.1233	88.8651	175.7656	8.1049	485333.6103	1301516.1585
SS-1	30°05'50.72"	14°17'12.70"	401.0383	107.8234	210.665	14.2418	484681.3476	1301773.3551
SS-2	8°26'10.35"	14°17'12.70"	401.0383	29.5778	59.0487	1.0892	484152.9164	1302376.7515



BASELINE OF CONSTRUCTION - SPRING STREET				
POINT NO.	STATION	NORTH	EAST	BEARING
PC	200+06.00	48489.462	13090.8799	N 71°12'26.84" E
PI	20+07.82	48436.072	130904.042	N 4°12'38.25" E
CC	48468.3476	130171.5501		
PCC	202+06.67	48467.132	130075.0533	N 41°12'38.25" E
PI	202+02.24	48449.3852	130094.5401	N 49°13'48.60" E
CC	202+02.24	48452.964	130076.7515	
PI	202+69.71	48468.5347	130071.0804	N 49°13'48.60" E
POE	205+04.48	48468.6052	130225.7048	N 49°13'48.60" E

BASELINE OF CONSTRUCTION - MD 390 (16TH STREET)				
POINT NO.	STATION	NORTH	EAST	BEARING
PCB	100+00.00	484082.43	130040.4607	N 6°16'44.80" W
PC	100+50.87	48432.9027	130036.3095	N 6°16'44.80" W
PI	105+37.80	484612.8037	130197.4242	N 66°49'00.49" W
CC		484030.6647	130196.9227	
PCC	109+54.46	484821.3764	130028.8039	N 66°49'00.49" W
PI	109+66.50	484805.588	130005.8601	N 68°30'09.84" W
CC		482806.4931	130012.6669	
PI	109+98.53	484832.3278	130110.5528	N 68°30'09.84" W
PC	111+39.80	48484.0954	130039.0417	N 68°30'09.84" W
PI	112+28.66	48498.6607	130256.4314	N 47°39'28.47" W
CC		485333.6103	130156.5985	
PCC	111+5.56	48476.5463	130190.748	N 47°39'28.47" W
PI	114+84.26	485280.458	130066.055	N 5°10'44.72" W
CC		485280.036	130483.7366	
PI	116+37.43	485284.256	130050.8822	N 5°10'44.72" W


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

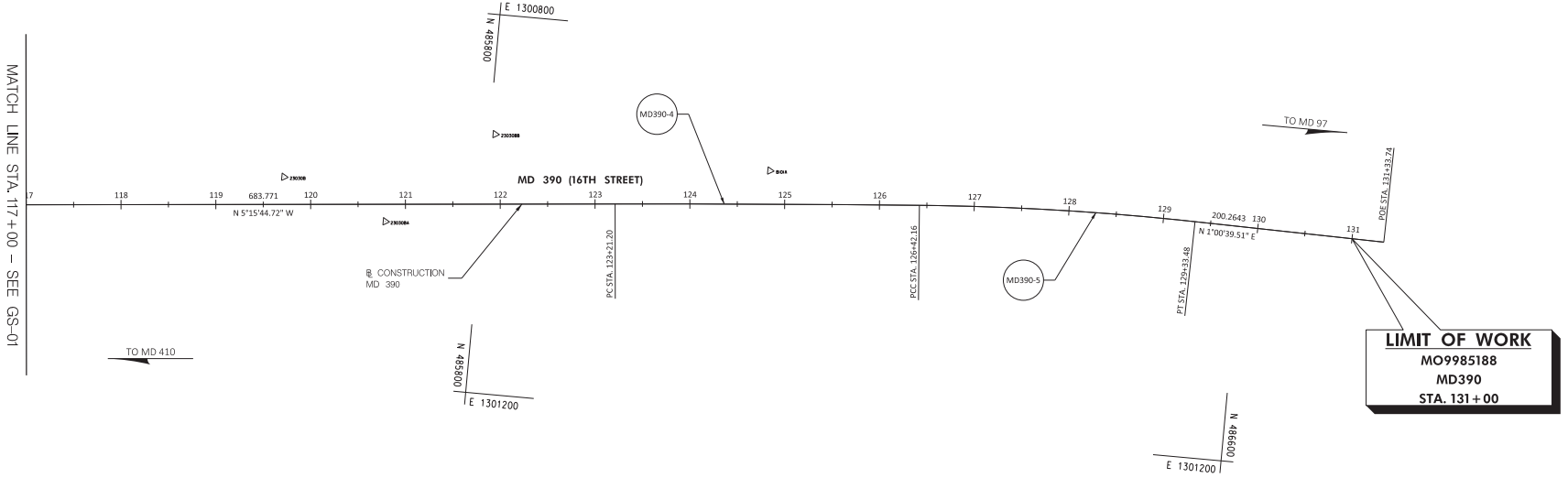
HIGHWAY DESIGN DIVISION  
 MD 390 (16TH STREET)  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

REVISIONS		GEOMETRY SHEET	
OFFICE OF HIGHWAY DEVELOPMENT <b>FINAL REVIEW</b> SEPTEMBER 11, 2025		SCALE: 1" = 40' ADVERTISED DATE: _____ CONTRACT NO.: MO9985188	DESIGNED BY: MM COUNTY: MONTGOMERY DRAWN BY: MM LOG/MILE CHECKED BY: HSD HORIZONTAL SCALE: _____ MDE/PRD: 24-PR-0054 VERTICAL SCALE: _____
THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT).		DRAWING NO.: <b>GS-01</b> OF <b>02</b>	SHEET NO.: OF 107

BY: mmarquez - Highway Design Division

TRAVERSE POINTS			
POINT NO.	NORTH	EAST	ELEVATION
23030B	485588.5988	1300991.0666	348.235
23030BA	485699.3502	1301028.229	344.942
23030BB	485806.4515	1300926.0845	339.969
B101A	486098.4858	1300938.2118	329.202

CURVE DATA								
CURVE	DELTA	Dc	RADIUS	TANGENT	LENGTH	EXTERNAL	CENTER OF CURVE	
							NORTH	EAST
MD390-4	0° 40' 03.60"	0° 12' 28.89"	27542.847	160.48	320.9565	0.4675	488465.1861	1328414.6241
MD390-5	5° 36' 20.63"	1° 55' 27.19"	2977.6113	145.7787	291.3249	3.5664	486497.322	1303928.3358



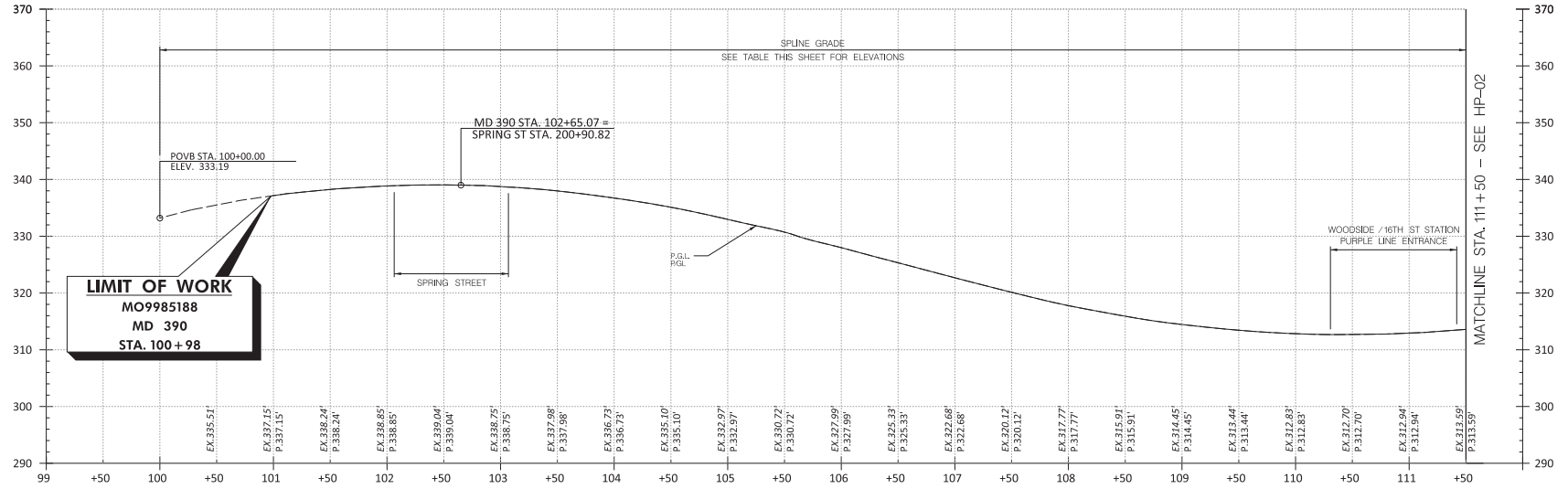
BASELINE OF CONSTRUCTION - MD 390 (16TH STREET)				
POINT NO.	STATION	NORTH	EAST	BEARING
PC	123+20.00	485938.0245	1300987.8684	N 5° 15' 44.72" W
PI	124+8.68	486298.8282	1300971.498	N 4° 35' 41.02" W
CC	126+42.16	486465.1861	1328414.6241	N 4° 35' 41.02" W
PCC	127+87.53	486404.1027	1300948.6159	N 1° 00' 39.51" E
CI	129+15.48	486497.322	1303928.3358	N 1° 00' 39.51" E
PT	131+00.00	486750.0919	1300994.7015	N 5° 15' 44.72" W

HIGHWAY DESIGN DIVISION

**MD 390 (16TH STREET)**  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

REVISIONS	GEOMETRY SHEET
OFFICE OF HIGHWAY DEVELOPMENT <b>FINAL REVIEW</b> SEPTEMBER 11, 2025  <small>THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT).</small>	SCALE: 1" = 60' ADVERTISED DATE: _____ CONTRACT NO. MO9985188  DESIGNED BY: MM COUNTY: MONTGOMERY DRAWN BY: MM LOG/MILE: _____ CHECKED BY: HSD HORIZONTAL SCALE: _____ MDE/PRD: 24-PR-0054 VERTICAL SCALE: _____  DRAWING NO. <b>GS-02</b> OF <b>02</b> SHEET NO. OF 107

BY: mmarquez - Highway Design Division




MD 390 (16TH STREET)

STATION	ELEVATION	GRADE
100+00	333.19	4.76%
100+10	333.67	4.67%
100+20	334.19	5.89%
100+30	334.73	3.87%
100+40	335.12	3.87%
100+50	335.51	3.87%
100+60	335.89	3.84%
100+70	336.27	3.78%
100+80	336.58	2.94%
100+90	336.87	2.86%
101+00	337.15	2.86%
101+10	337.44	2.81%
101+20	337.66	2.01%
101+30	337.86	1.95%
101+40	338.05	1.95%
101+50	338.24	1.88%
101+60	338.4	1.21%
101+70	338.52	1.21%
101+80	338.64	1.13%
101+90	338.75	1.13%
102+00	338.85	0.68%
102+10	338.92	0.68%
102+20	338.98	0.60%
102+30	339.02	0.19%
102+40	339.03	0.02%
102+50	339.04	0.01%
102+60	339.01	-0.31%
102+70	338.98	-0.48%
102+80	338.94	-0.36%
102+90	338.87	-1.25%
103+00	338.75	-1.42%
103+10	338.63	-0.84%

STATION	ELEVATION	GRADE
103+20	338.51	-1.44%
103+30	338.35	-1.71%
103+40	338.18	-1.89%
103+50	337.98	-2.04%
103+60	337.76	-2.29%
103+70	337.52	-2.42%
103+80	337.27	-2.62%
103+90	337.00	-2.70%
104+00	336.73	-2.84%
104+10	336.44	-2.96%
104+20	336.13	-3.12%
104+30	335.81	-3.35%
104+40	335.47	-3.53%
104+50	335.10	-3.77%
104+60	334.71	-4.04%
104+70	334.3	-4.27%
104+80	333.87	-4.37%
104+90	333.43	-4.56%
105+00	332.97	-4.59%
105+10	332.51	-4.53%
105+20	332.06	-4.37%
105+30	331.64	-4.01%
105+40	331.21	-4.51%
105+50	330.72	-5.31%
105+60	330.11	-7.19%
105+70	329.49	-5.67%
105+80	328.96	-4.96%
105+90	328.48	-4.74%
106+00	327.99	-5.09%
106+10	327.45	-5.49%
106+20	326.9	-5.34%
106+30	326.37	-5.29%

STATION	ELEVATION	GRADE
106+40	325.85	-5.21%
106+50	325.33	-5.27%
106+60	324.80	-5.27%
106+70	324.27	-5.34%
106+80	323.74	-5.26%
106+90	323.21	-5.27%
107+00	322.68	-5.18%
107+10	322.16	-5.19%
107+20	321.64	-5.09%
107+30	321.13	-5.09%
107+40	320.62	-4.98%
107+50	320.12	-4.93%
107+60	319.62	-4.81%
107+70	319.14	-4.70%
107+80	318.66	-4.70%
107+90	318.20	-4.39%
108+00	317.77	-4.01%
108+10	317.38	-3.86%
108+20	317.00	-3.66%
108+30	316.64	-3.70%
108+40	316.27	-3.64%
108+50	315.91	-3.52%
108+60	315.56	-3.29%
108+70	315.24	-3.14%
108+80	314.95	-2.72%
108+90	314.69	-2.47%
109+00	314.45	-2.34%
109+10	314.23	-2.18%
109+20	314.01	-2.13%
109+30	313.80	-2.02%
109+40	313.61	-1.78%
109+50	313.44	-1.78%

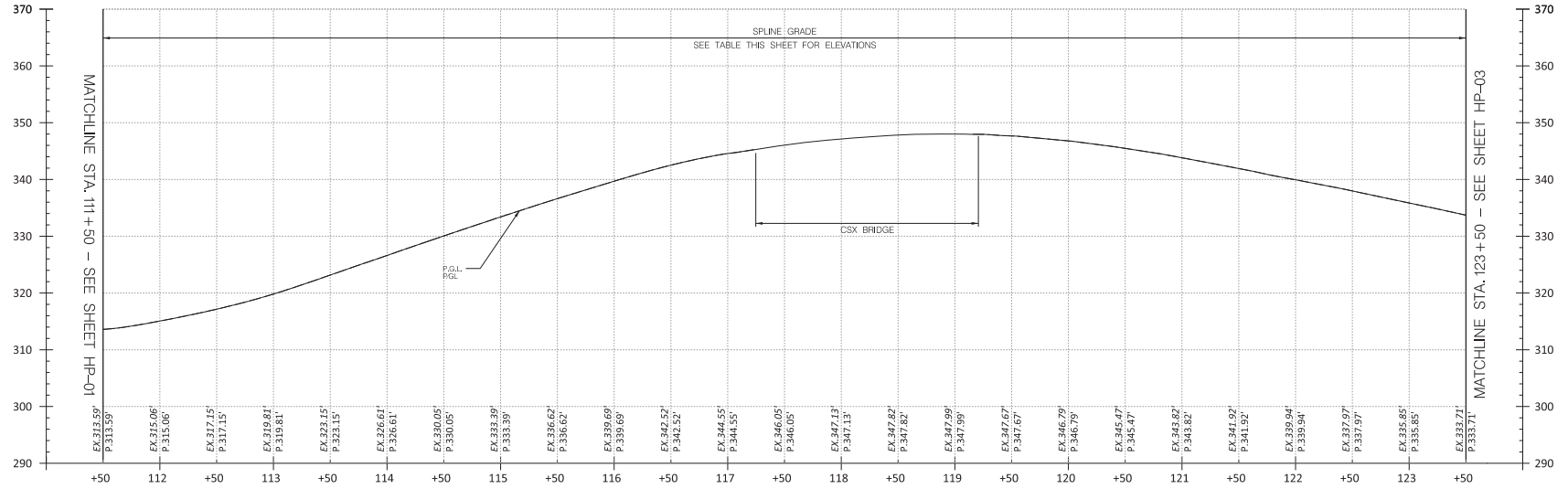
STATION	ELEVATION	GRADE
109+60	313.28	-1.53%
109+70	313.14	-1.33%
109+80	313.02	-1.18%
109+90	312.92	-1.00%
110+00	312.83	-0.73%
110+10	312.75	-0.73%
110+20	312.70	-0.45%
110+30	312.67	0.05%
110+40	312.68	0.21%
110+50	312.70	0.21%
110+60	312.72	0.21%
110+70	312.74	0.21%
110+80	312.77	0.81%
110+90	312.85	0.81%
111+00	312.94	0.81%
111+10	313.02	0.81%
111+20	313.15	1.47%
111+30	313.29	1.47%
111+40	313.44	1.44%
111+50	313.59	1.44%


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

HIGHWAY DESIGN DIVISION  
 MD 390 (16TH STREET)  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

REVISIONS		ROADWAY PROFILE	
OFFICE OF HIGHWAY DEVELOPMENT <b>FINAL REVIEW</b> SEPTEMBER 11, 2025		SCALE _____ ADVISED DATE _____ CONTRACT NO. <u>MO9985188</u>	DESIGNED BY: <u>MM</u> COUNTY: <u>MONTGOMERY</u> DRAWN BY: <u>MM</u> LOG/MILE _____ CHECKED BY: <u>HSD</u> HORIZONTAL SCALE: <u>1" = 50'</u> MDE/PRD: <u>24-PR-0054</u> VERTICAL SCALE: <u>1" = 10'</u>
THIS DOCUMENT IS A DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT).		DRAWINGS NO. <b>HP-01</b> OF <b>04</b>	SHEET NO. <b>01</b> OF <b>107</b>

BY: mmarquez - Highway Design Division



MD 390 (16TH STREET) PROFILE

STATION	ELEVATION	GRADE
111+50	313.59	1.44%
111+60	313.76	2.14%
111+70	314.02	3.02%
111+80	314.33	3.47%
111+90	314.69	3.65%
112+00	315.06	3.79%
112+10	315.44	3.93%
112+20	315.84	4.13%
112+30	316.26	4.24%
112+40	316.69	4.39%
112+50	317.15	4.59%
112+60	317.63	4.95%
112+70	318.13	5.17%
112+80	318.66	5.45%
112+90	319.22	5.85%
113+00	319.81	6.08%
113+10	320.44	6.47%
113+20	321.10	6.88%
113+30	321.77	6.93%
113+40	322.46	6.93%
113+50	323.15	6.97%
113+60	323.85	6.96%
113+70	324.55	6.93%
113+80	325.24	6.83%
113+90	325.91	6.90%
114+00	326.61	6.86%
114+10	327.31	6.81%
114+20	328.00	6.80%
114+30	328.68	6.86%
114+40	329.37	6.82%
114+50	330.05	6.78%
114+60	330.72	6.73%

STATION	ELEVATION	GRADE
114+70	331.40	6.74%
114+80	332.07	6.67%
114+90	332.73	6.62%
115+00	333.39	6.57%
115+10	334.05	6.51%
115+20	334.7	6.52%
115+30	335.35	6.47%
115+40	335.99	6.33%
115+50	336.62	6.25%
115+60	337.24	6.20%
115+70	337.85	6.17%
115+80	338.47	6.15%
115+90	339.08	6.14%
116+00	339.69	6.08%
116+10	340.29	5.98%
116+20	340.88	5.82%
116+30	341.46	5.62%
116+40	342.00	5.22%
116+50	342.52	4.88%
116+60	343.00	4.44%
116+70	343.44	4.44%
116+80	343.86	3.80%
116+90	344.24	3.80%
117+00	344.55	2.81%
117+10	344.85	2.81%
117+20	345.13	2.81%
117+30	345.44	3.14%
117+40	345.75	3.14%
117+50	346.05	2.63%
117+60	346.31	2.63%
117+70	346.55	2.06%
117+80	346.76	2.06%

STATION	ELEVATION	GRADE
117+90	346.96	1.73%
118+00	347.13	1.73%
118+10	347.29	1.42%
118+20	347.43	1.42%
118+30	347.57	1.35%
118+40	347.71	1.35%
118+50	347.82	0.84%
118+60	347.91	0.84%
118+70	347.97	0.20%
118+80	347.99	0.20%
118+90	348.00	-0.12%
119+00	347.99	-0.12%
119+10	347.97	-0.54%
119+20	347.95	-0.26%
119+30	347.89	-1.32%
119+40	347.76	-1.32%
119+50	347.67	-0.73%
119+60	347.53	-1.84%
119+70	347.34	-1.84%
119+80	347.16	-1.84%
119+90	346.98	-1.84%
120+00	346.79	-1.85%
120+10	346.56	-2.60%
120+20	346.3	-2.60%
120+30	346.04	-2.60%
120+40	345.78	-2.60%
120+50	345.47	-3.10%
120+60	345.16	-3.10%
120+70	344.85	-3.10%
120+80	344.54	-3.10%
120+90	344.19	-3.71%
121+00	343.82	-3.71%

STATION	ELEVATION	GRADE
121+10	343.45	-3.71%
121+20	343.07	-3.71%
121+30	342.69	-3.84%
121+40	342.31	-3.84%
121+50	341.92	-3.84%
121+60	341.54	-3.84%
121+70	341.11	-4.39%
121+80	340.69	-3.89%
121+90	340.3	-3.60%
122+00	339.94	-3.60%
122+10	339.56	-3.87%
122+20	339.17	-3.87%
122+30	338.79	-3.87%
122+40	338.4	-4.10%
122+50	337.97	-4.26%
122+60	337.55	-4.26%
122+70	337.12	-4.26%
122+80	336.69	-4.26%
122+90	336.27	-4.20%
123+00	335.85	-4.20%
123+10	335.43	-4.20%
123+20	335.01	-4.20%
123+30	334.58	-4.35%
123+40	334.15	-4.35%
123+50	333.71	-4.35%

REVISIONS

OFFICE OF HIGHWAY DEVELOPMENT  
**FINAL REVIEW**  
 SEPTEMBER 11, 2025

THIS DOCUMENT IS A DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY DELIBERATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT).

ROADWAY PROFILE

SCALE: \_\_\_\_\_ ADVERTISED DATE: \_\_\_\_\_ CONTRACT NO. MD09885188

DESIGNED BY: MM COUNTY: MONTGOMERY

DRAWN BY: MM LOG/MILE: \_\_\_\_\_

CHECKED BY: HSD HORIZONTAL SCALE: 1" = 50'

MDE/PRD: 24-PR-0054 VERTICAL SCALE: 1" = 10'

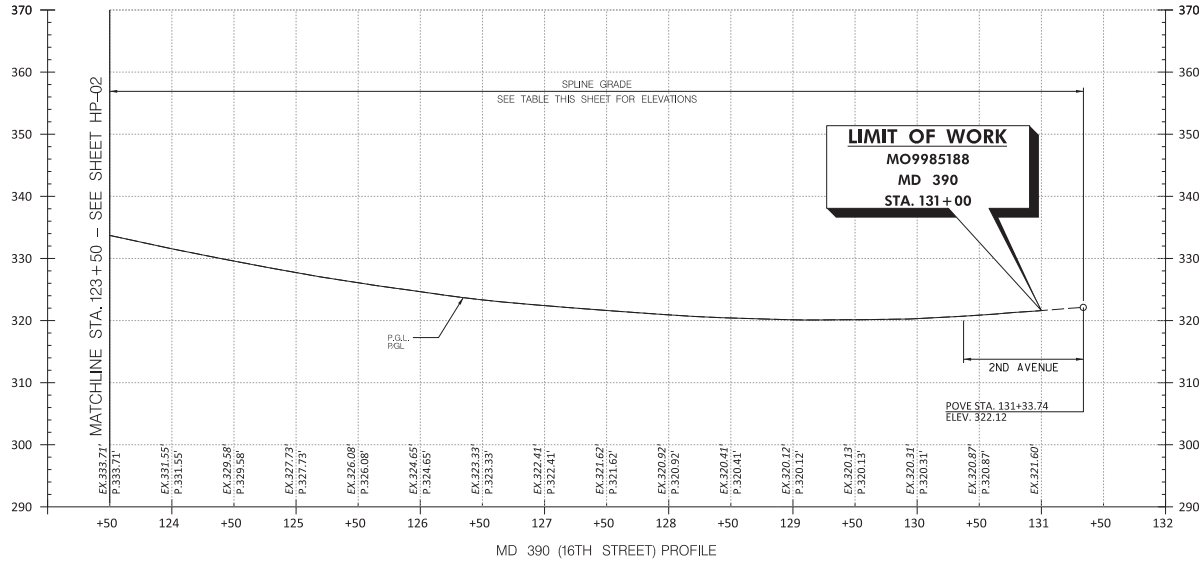
DRAWINGS NO. **HP-02** OF **04** SHEET NO. OF 107

STATE HIGHWAY ADMINISTRATION

HIGHWAY DESIGN DIVISION

MD 390 (16TH STREET)  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

BY: mmarquez - Highway Design Division



MD 390 (16TH STREET) PROFILE

STATION	ELEVATION	GRADE
123+50	333.71	-4.35%
123+60	333.28	-4.35%
123+70	332.84	-4.30%
123+80	332.41	-4.30%
123+90	331.98	-4.30%
124+00	331.55	-4.30%
124+10	331.15	-3.97%
124+20	330.75	-3.97%
124+30	330.36	-3.97%
124+40	329.96	-3.97%
124+50	329.58	-3.80%
124+60	329.2	-3.80%
124+70	328.82	-3.80%
124+80	328.44	-3.55%
124+90	328.08	-3.58%
125+00	327.73	-3.58%
125+10	327.37	-3.58%
125+20	327.01	-3.33%
125+30	326.7	-3.10%
125+40	326.39	-3.10%
125+50	326.08	-3.10%
125+60	325.77	-2.99%
125+70	325.48	-2.79%
125+80	325.2	-2.75%
125+90	324.93	-2.82%
126+00	324.65	-2.86%
126+10	324.36	-2.86%
126+20	324.08	-2.73%
126+30	323.81	-2.56%
126+40	323.56	-2.38%
126+50	323.33	-2.21%
126+60	323.12	-2.04%

STATION	ELEVATION	GRADE
126+70	322.92	-1.83%
126+80	322.74	-1.73%
126+90	322.57	-1.68%
127+00	322.41	-1.62%
127+10	322.24	-1.62%
127+20	322.08	-1.56%
127+30	321.93	-1.56%
127+40	321.77	-1.51%
127+50	321.62	-1.47%
127+60	321.48	-1.44%
127+70	321.33	-1.44%
127+80	321.19	-1.41%
127+90	321.05	-1.39%
128+00	320.92	-1.34%
128+10	320.79	-1.27%
128+20	320.67	-1.08%
128+30	320.57	-0.96%
128+40	320.48	-0.77%
128+50	320.41	-0.65%
128+60	320.35	-0.59%
128+70	320.29	-0.59%
128+80	320.23	-0.59%
128+90	320.17	-0.59%
129+00	320.12	-0.46%
129+10	320.09	-0.11%
129+20	320.09	0.16%
129+30	320.11	0.22%
129+40	320.13	0.15%
129+50	320.13	-0.02%
129+60	320.15	0.30%
129+70	320.18	0.30%
129+80	320.21	0.30%

STATION	ELEVATION	GRADE
129+90	320.24	0.30%
130+00	320.31	1.03%
130+10	320.42	1.03%
130+20	320.52	1.03%
130+30	320.62	1.03%
130+40	320.74	1.20%
130+50	320.87	1.36%
130+60	321.01	1.36%
130+70	321.17	1.63%
130+80	321.32	1.29%
130+90	321.45	1.29%
131+00	321.60	1.62%
131+10	321.77	1.62%
131+20	321.94	0.11%
131+30	322.07	1.35%

HIGHWAY DESIGN DIVISION

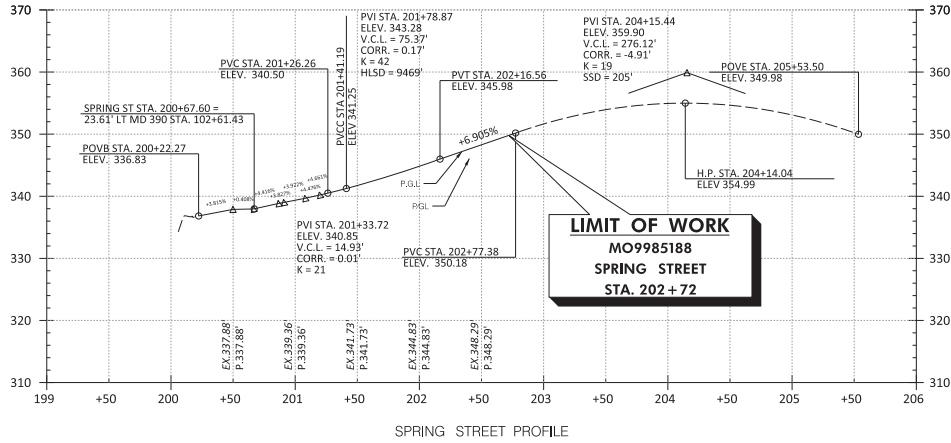
MARYLAND DEPARTMENT OF TRANSPORTATION

STATE HIGHWAY ADMINISTRATION

MD 390 (16TH STREET)  
PEDESTRIAN BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE

REVISONS	PROFILE SHEET
OFFICE OF HIGHWAY DEVELOPMENT <b>FINAL REVIEW</b> SEPTEMBER 11, 2025	SCALE _____ ADVERTISED DATE _____ CONTRACT NO. <u>MO9985188</u>
DESIGNED BY _____ COUNTY <u>MONTGOMERY</u> DRAWN BY _____ LOGSILE CHECKED BY <u>HSD</u> HORIZONTAL SCALE <u>1" = 50'</u> MDE/PRD <u>24-PR-0054</u> VERTICAL SCALE <u>1" = 10'</u>	THIS DOCUMENT IS A DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT).
DRAWINGS NO. <b>HP-03</b> OF <b>04</b> SHEET NO. <b>0F 107</b>	

BY: mmarquez - Highway Design Division



\*PROPOSED PROFILE TO MATCH PURPLE LINE CONSTRUCTION  
 \*PROPOSED PURPLE LINE CONSTRUCTION SHOWN AS EXISTING

SPRINE GRADE ELEVATIONS		
STATION	ELEVATION	GRADE
200+20	336.73	3.82%
200+30	337.12	3.82%
200+40	337.5	3.82%
200+50	337.88	0.41%
200+60	337.92	0.41%
200+70	338.10	4.42%
200+80	338.54	4.42%
200+90	338.97	3.83%
201+00	339.36	3.92%
201+10	339.76	4.48%
201+20	340.21	4.66%
201+30	340.68	4.84%

BY: mmarquez - Highway Design Division

HIGHWAY DESIGN DIVISION

**MDOT**  
 MARYLAND DEPARTMENT OF TRANSPORTATION

MD 390 (16TH STREET)  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

STATE HIGHWAY ADMINISTRATION

REVISIONS	PROFILE SHEET
OFFICE OF HIGHWAY DEVELOPMENT <b>FINAL REVIEW</b> SEPTEMBER 11, 2025	SCALE _____ ADVERTISED DATE _____ CONTRACT NO. MO9985188
DESIGNED BY: MM COUNTY: MONTGOMERY DRAWN BY: MM LOGMILE: CHECKED BY: HSD HORIZONTAL SCALE: 1" = 50' MDE/PRD: 24-PR-0054 VERTICAL SCALE: 1" = 10'	THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTA-AGENCY DELIBERATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD GENERAL PROVISIONS CODE ANN. § 4-344 (MARYLAND PUBLIC INFORMATION ACT).
DRAWINGS NO. <b>HP-04</b> OF <b>04</b> SHEET NO. OF 107	

**MAINTENANCE OF TRAFFIC GENERAL CONSTRUCTION NOTES**

- PRIOR TO STARTING ANY LAND DISTURBING ACTIVITIES, THE CONTRACTOR SHALL FIELD MARK THE LIMITS OF DISTURBANCE.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE MARYLAND STATE HIGHWAY ADMINISTRATION (MSHA) BOOK OF STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES; THE 2011 MUTCD AND SUBSEQUENT REVISIONS ADOPTED BY THE STATE OF MARYLAND; THESE PLANS; THE PROJECT SPECIAL PROVISIONS; AND ALL OTHER CONTRACT DOCUMENTS. THE MOT PLANS SHALL BE USED IN COMBINATION WITH THE MSHA BOOK OF STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES, SECTION MD 104. THE CONTRACTOR SHALL INSTALL ALL REQUIRED TRAFFIC CONTROL DEVICES & DETOURS IN ACCORDANCE WITH THE APPROVED TRAFFIC CONTROL PLAN.
- ALL EXISTING SIGNS AND PAVEMENT MARKINGS SHALL BE MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION UNLESS OTHERWISE DIRECTED BY THE TRAFFIC CONTROL MANAGER.
- ADVANCE WARNING SIGNS SHALL BE INSTALLED A MINIMUM OF 200 FT. FROM AN EXISTING SIGN UNLESS OTHERWISE DIRECTED BY THE TRAFFIC CONTROL MANAGER. THE CONTRACTOR SHALL REFER TO STANDARD NO. MD 104.06-05 FOR ADDITIONAL INFORMATION ON THE PLACEMENT OF VEHICULAR DETOUR SIGNS.
- SIGNS USED FOR TEMPORARY TRAFFIC CONTROL THAT ARE NOT APPLICABLE FOR A PARTICULAR CONSTRUCTION PHASE SHALL BE REMOVED OR COMPLETELY COVERED WITH A NON-TRANSPARENT MATERIAL.
- PORTABLE VARIABLE MESSAGE SIGNS (PVMS) SHALL BE USED AS DIRECTED BY THE PROJECT ENGINEER. ALL PROPOSED PVMS SHALL BE PLACED ACCORDING TO SHA STANDARD MD 104.01-22.
- THE PLANS SHOW PERMANENT LANE CLOSURES. ALL WORK OUTSIDE OF THESE WORK AREAS SHALL BE CONSTRUCTED USING DAILY LANE CLOSURES DURING TIMES APPROVED IN THE IFB.
- WORK IN PHASES 2, 3, & 4 CAN OCCUR CONCURRENTLY.
- PRIOR TO BEGINNING WORK OR NEW CONSTRUCTION PHASE, THE CONTRACTOR SHALL REFER TO THE EROSION AND SEDIMENT CONTROL SHEETS FOR THE REQUIRED EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED.
- THE CONTRACTOR SHALL USE STEEL PLATES TO COVER ALL OPEN TRENCHES AT THE END OF THE WORK DAY OR WHEN TRAVEL LANES INCLUDING CROSSWALKS ARE TO BE OPENED, WEDGE /LEVEL, PATCHING, RESURFACING, AND OTHER ACTIVITIES SHALL BE PERFORMED DURING THE TIME AND DAY SPECIFIED IN THE "TEMPORARY LANE OR SHOULDER CLOSURE SCHEDULE" IN SPECIAL PROVISIONS SECTION 104.01. TWO TRAVEL LANES MUST BE MAINTAINED DURING NON-WORK HOURS.
- TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNING SHALL BE INSTALLED IN ACCORDANCE WITH MDTOT SHA STANDARDS MD 104.02-14, MD 104.03-02, MD 104.03-04, MD 104.03-06, MD 104.04-02, MD 104.04-04 AND MD 104.04-06.
- CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED A MINIMUM 30' FROM THE CLOSEST TRAVEL LANES AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE PROJECT ENGINEER.
- PEDESTRIAN MOT WILL USE SHA STANDARD MD 104.06-09 A-D, A MODIFIED STANDARD THEREOF, OR AS DETAILED ON THE MOT PLANS.
- THE CONTRACTOR SHALL COORDINATE WITH THE MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS REGARDING ANY SIGNAL CONSTRUCTION OR MODIFICATION. EXCAVATION IN AREAS WHERE THE OFFSET TO THE ADJACENT TRAVEL LANE IS LESS THAN 10 FT., SHALL BE BACK-FILLED WITH GAB FOR MOT PRIOR TO END OF THE WORK DAY IN CONFORMANCE WITH SHA STANDARD MD 104.01-28.
- THE CONTRACTOR SHALL MAINTAIN SAFE ACCESS TO AND FROM ALL MINOR ROAD APPROACHES AND DRIVEWAYS UNLESS OTHERWISE SPECIFIED ON THE APPROVED TRAFFIC CONTROL PLANS OR BY THE ENGINEER.
- UNLESS AGREED UPON WITH PROPERTY OWNERS, BOTH VEHICULAR AND PEDESTRIAN ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES.
- ALL DRIVEABLE SURFACES SHALL BE PAVED. TEMPORARY PAINT IS PREFERRED FOR AREAS SLATED TO BE RESURFACED AND IS TO BE MAINTAINED TO ENSURE CONTINUOUS REFLECTIVITY AND VISIBILITY. BLACK PAINT SHALL NOT BE PERMITTED. TEMPORARY TAPE IS PREFERRED FOR AREAS OUTSIDE OF RESURFACING/PAVING LIMITS.
- PAVEMENT MARKINGS NO LONGER APPLICABLE FOR A PARTICULAR PHASE SHALL BE REMOVED OR COVERED AS DIRECTED BY THE ENGINEER.

**SEQUENCE OF CONSTRUCTION (SOC)**

**PHASE 1 INSTALLING CYCLE TRACK ON SPRING STREET EASTBOUND**

- INSTALL NECESSARY ADVANCE WARNING SIGNS ACCORDING TO THE MOT PLAN AND STANDARD NO. MD 104.04-04. WORK IS TO BE STAGED SUCH THAT TWO LANES OF TRAFFIC ARE OPEN DURING NON-WORK HOURS.
- CONSTRUCT PROPOSED MEDIAN IMPROVEMENTS AND CURB AND GUTTER ALONG SPRING STREET EASTBOUND.
- INSTALL NECESSARY ADVANCE WARNING SIGNS ACCORDING TO THE MOT PLAN AND STANDARD NO. MD 104.04-06.
- CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS, CYCLE TRACK, SIDEWALKS, ADA RAMP, DRAINAGE, AND CURB AND GUTTER ALONG SPRING STREET LT EASTBOUND.
- THE CONTRACTOR SHALL UTILIZE A RIGHT LANE CLOSURE ON MD 390 NORTHBOUND ACCORDING TO THE MOT PLAN AND STANDARD NO. MD 104.04-06.
- THE CONTRACTOR SHALL UTILIZE A LEFT LANE CLOSURE ON MD 390 SOUTHBOUND ACCORDING TO THE MOT PLANS AND STANDARD NO. MD 104.04-04.
- THE CONTRACTOR SHALL UTILIZE A LEFT LANE CLOSURE ON SPRING STREET WESTBOUND ACCORDING TO THE MOT PLANS AND STANDARD NO. MD 104.04-04.

**SEQUENCE OF CONSTRUCTION (SOC)**

**PHASE 2 INSTALLING CYCLE TRACK ON SPRING STREET WESTBOUND**

- INSTALL NECESSARY ADVANCE WARNING SIGNS ACCORDING TO THE MOT PLAN AND STANDARD NO. MD 104.04-04. ONE LANE ON SPRING STREET IS TO BE OPEN TO TRAFFIC AT ALL TIMES.
- CONSTRUCT PROPOSED MEDIAN IMPROVEMENTS AND CURB AND GUTTER ALONG SPRING STREET WESTBOUND.
- INSTALL NECESSARY ADVANCE WARNING SIGNS ACCORDING TO THE MOT PLAN AND STANDARD NO. MD 104.04-06.
- CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS, CYCLE TRACK, SIDEWALKS, ADA RAMP, DRAINAGE, AND CURB AND GUTTER ALONG SPRING STREET WESTBOUND.
- THE CONTRACTOR SHALL UTILIZE A LEFT LANE CLOSURE AND A RIGHT LANE CLOSURE ON SPRING STREET WESTBOUND ACCORDING TO THE MOT PLANS AND STANDARD NO. MD 104.04-04 AND STANDARD NO. MD 104.04-06 RESPECTIVELY.
- THE CONTRACTOR SHALL LEAVE THE FAR LEFT THROUGH LANE ON MD 390 NORTHBOUND OPEN AT ALL TIMES ACCORDING TO THE MOT PLANS AND STANDARD NO. MD 104.04-06

**PHASE 3 INSTALLING CYCLE TRACK AND RESURFACING ALONG MD 390**

- CONSTRUCT PROPOSED SIDEWALK, RAMP, DRAINAGE, AND CURB AND GUTTER IMMEDIATELY ADJACENT TO PROPOSED SIDEWALK ALONG MD 390 NORTHBOUND. TWO LANES ARE TO BE OPENED TO TRAFFIC DURING NON-WORK HOURS.
- INSTALL NECESSARY ADVANCE WARNING SIGNS ACCORDING TO THE MOT PLAN AND STANDARD NO. MD 104.04-06 TO CLOSE AN ADDITIONAL RIGHT LANE FOR CONSTRUCTION OF CYCLE TRACK.
- CONSTRUCT PROPOSED CYCLE TRACK, BUS PLATFORM, RAMP, DRAINAGE, AND REMAINING CURB AND GUTTER ALONG MD 390 NORTHBOUND AS PER THE MOT PLANS.

**PHASE 4 INSTALLING MEDIAN IMPROVEMENT ON MD 390 AND DRAINAGE IMPROVEMENT ACROSS 2ND AVENUE**

- INSTALL NECESSARY ADVANCE WARNING SIGNS ACCORDING TO STANDARD NO. MD 104.06-25. TWO LANES OF TRAFFIC ON MD 390 ARE TO BE OPEN DURING NON-WORK HOURS.
- CONSTRUCT PROPOSED CURB AND GUTTER & MEDIAN IMPROVEMENTS ON MD 390 USING LEFT LANE CLOSURES.
- INSTALL NECESSARY ADVANCE WARNING SIGNS ACCORDING TO THE MOT PLAN AND STANDARD NO. MD 104.02-10
- INSTALL SIGNS FOR EROSION AND SEDIMENT CONTROL ACCORDING TO THE EROSION AND SEDIMENT CONTROL SHEETS
- CONSTRUCT DRAINAGE PIPE ON 2ND AVENUE USING FLAGGING OPERATIONS.


**MD 390 AND SPRING STREET INTERSECTION DETOUR NOTES**






- INSTALL NECESSARY ADVANCE WARNING SIGNS ACCORDING TO THE MOT PLAN AND STANDARD NO. MD 104.06-05
- NO WORK SHALL BEGIN UNTIL ALL DETOUR SIGNS ARE IN PLACE AND OPERATIONAL.
- THE CONTRACTOR SHALL ENSURE THAT ALL DETOUR SIGNS ARE EITHER COVERED WITH AN OPAQUE MATERIAL OR REMOVED WHEN THE DETOUR IS NOT IN USE.
- THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE MONTGOMERY COUNTY OFFICE OF EMERGENCY MANAGEMENT, POLICE DEPARTMENT, FIRE & EMS STATIONS, AND SCHOOLS FOR THE MD 390 AND SPRING STREET INTERSECTION DETOUR.
- THE CONTRACTOR SHALL ARRANGE AND HOST A PRE-TRAFFIC DETOUR MEETING AT LEAST TWO WEEKS PRIOR TO DETOURING TRAFFIC.

**MD 390 AND SPRING STREET PEDESTRIAN DETOUR NOTES**

- INSTALL NECESSARY ADVANCE WARNING SIGNS ACCORDING TO THE MOT PLAN AND STANDARDS NO. MD 104.06-09A, NO. MD 104.06-09B, NO. MD 104.06-09C AND NO. MD 104.06-09D.
- NO WORK SHALL BEGIN UNTIL ALL DETOUR SIGNS ARE IN PLACE AND OPERATIONAL.
- THE CONTRACTOR SHALL ENSURE THAT ALL DETOUR SIGNS ARE EITHER COVERED WITH AN OPAQUE MATERIAL OR REMOVED WHEN THE DETOUR IS NOT IN USE.
- THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE MONTGOMERY COUNTY OFFICE OF EMERGENCY MANAGEMENT, POLICE DEPARTMENT, FIRE & EMS STATIONS, AND SCHOOLS FOR THE MD 390 AND SPRING STREET INTERSECTION DETOUR.
- THE CONTRACTOR SHALL ARRANGE AND HOST A PRE-TRAFFIC DETOUR MEETING AT LEAST TWO WEEKS PRIOR TO DETOURING TRAFFIC.

BY: slkrhko - Highway Design Division

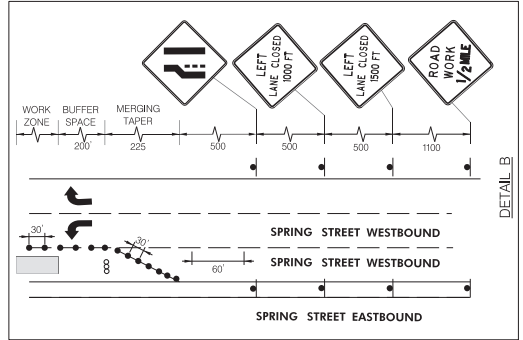
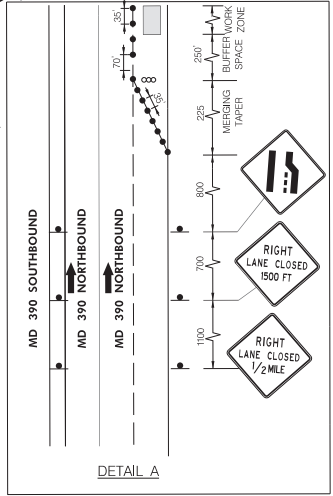
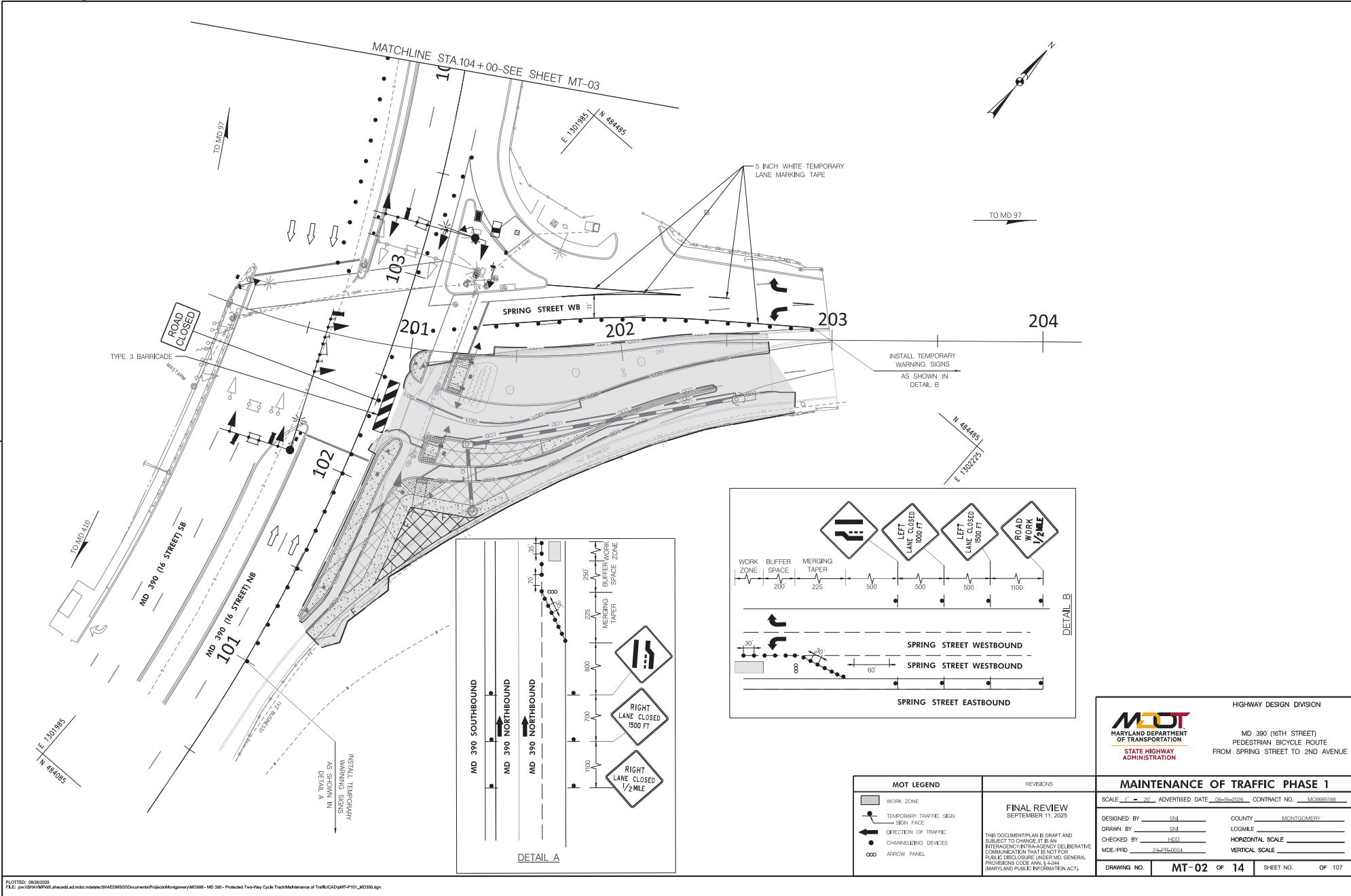
 <p>MDOT MARYLAND DEPARTMENT OF TRANSPORTATION</p>	<p>HIGHWAY DESIGN DIVISION</p>
	<p>MD 390 (16TH STREET) PEDESTRIAN BICYCLE ROUTE FROM SPRING STREET TO 2ND AVENUE</p>

MOT LEGEND		REVISIONS	MAINTENANCE OF TRAFFIC GENERAL NOTES
<ul style="list-style-type: none"> <li> WORK ZONE</li> <li> TEMPORARY TRAFFIC SIGN</li> <li> DIRECTION OF TRAFFIC</li> <li> CHANNELIZING DEVICES</li> <li> ARROW PANEL</li> </ul>	<p>FINAL REVIEW SEPTEMBER 11, 2025</p> <p><small>THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD GENERAL PROVISIONS CODE ANN. § 4-304 (MARYLAND PUBLIC INFORMATION ACT).</small></p>	<p>SCALE: _____ ADVERTISED DATE: 09-15-2025 CONTRACT NO. M039085688</p> <p>DESIGNED BY: SNJ COUNTY: MONTGOMERY</p> <p>DRAWN BY: SNJ LOGMILE: _____</p> <p>CHECKED BY: HDQ HORIZONTAL SCALE: _____</p> <p>MDE/PRD: 21-PR-0054 VERTICAL SCALE: _____</p>	
DRAWINGS NO. <b>MT-01</b> OF <b>14</b>		SHEET NO. OF 107	



BY: silkrho - Highway Design Division

PLOTTED: 09/20/2025  
 FILE: pav030\MPW\shaded\ad.mdx\mdot\shaded\MD098 - MD 390 - Protected Two-Way Cycle Track\Maintenance of Traffic\CAD\MTF-P101\_MD098.dgn



MOT LEGEND	
	WORK ZONE
	TEMPORARY TRAFFIC SIGN
	SIGN FACE
	DIRECTION OF TRAFFIC
	CHANNELIZING DEVICES
	ARROW PANEL

REVISIONS	
FINAL REVIEW	SEPTEMBER 11, 2025
THIS DOCUMENT IS A DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-334 (MARYLAND PUBLIC INFORMATION ACT).	

HIGHWAY DESIGN DIVISION

**MDOT**  
 MARYLAND DEPARTMENT OF TRANSPORTATION

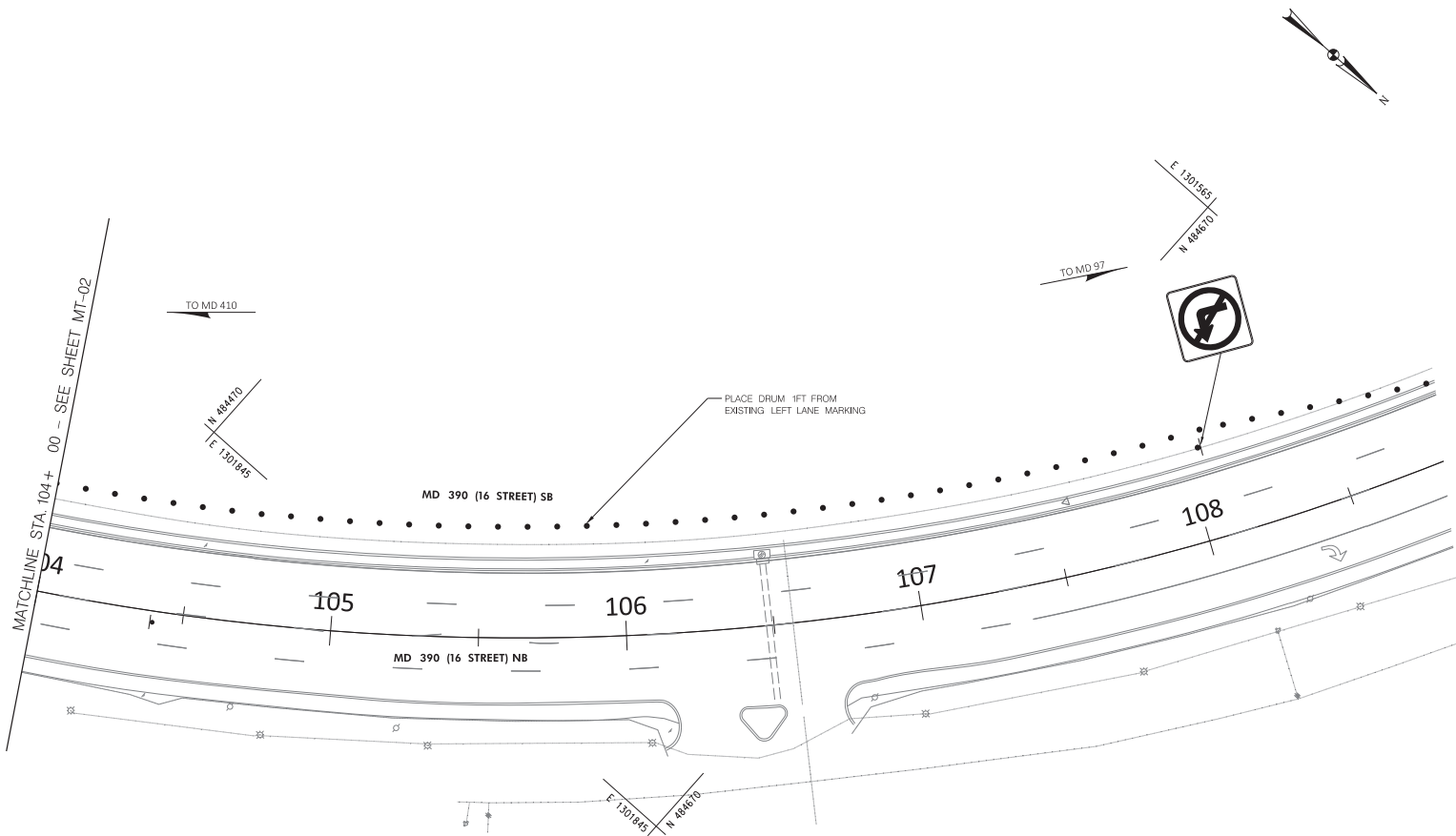
MD 390 (16TH STREET)  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

**MAINTENANCE OF TRAFFIC PHASE 1**

SCALE: 1" = 20' ADVERTISED DATE: 09-16-2025 CONTRACT NO.: MC29885688


DESIGNED BY: SNJ	COUNTY: MONTGOMERY
DRAWN BY: SNJ	LOGMILE: _____
CHECKED BY: HDG	HORIZONTAL SCALE: _____
MDE/PRD: 24-PR-0054	VERTICAL SCALE: _____

DRAWINGS NO. **MT-02** OF **14** SHEET NO. OF 107



BY: sil/krl - Highway Design Division

HIGHWAY DESIGN DIVISION



MARYLAND DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

MD 390 (16TH STREET)  
PEDESTRIAN BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE

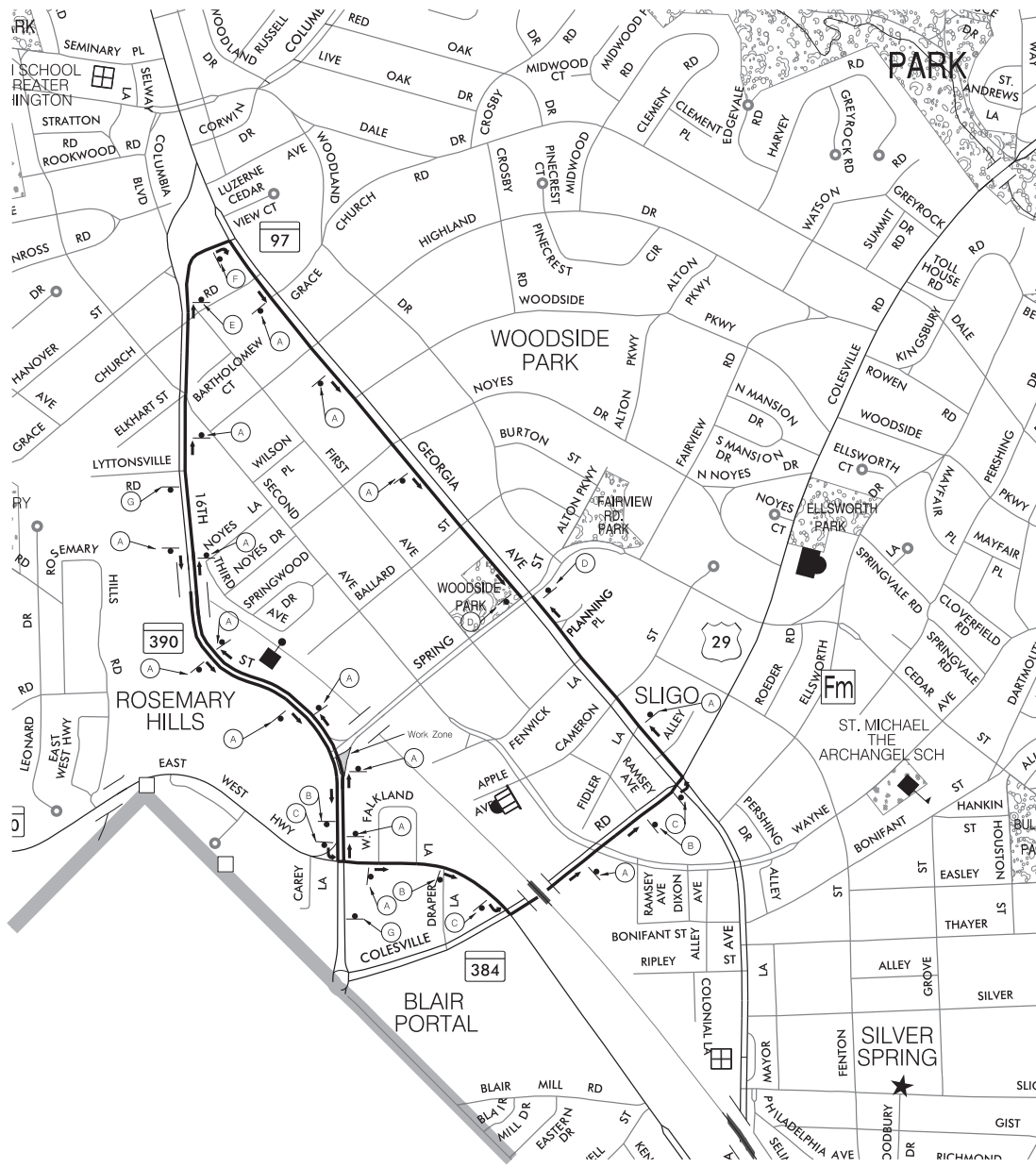
MOT LEGEND	
	WORK ZONE
	TEMPORARY TRAFFIC SIGN
	SIGN FACE
	DIRECTION OF TRAFFIC
	CHANNELIZING DEVICES
	ARROW PANEL

REVISIONS

**FINAL REVIEW**  
SEPTEMBER 11, 2025

THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTERAGENCY DELIBERATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-384 (MARYLAND PUBLIC INFORMATION ACT).

MAINTENANCE OF TRAFFIC PHASE 1			
SCALE	1" = 20'	ADVERTISED DATE	09-16-2025
CONTRACT NO.	MC2985088		
DESIGNED BY	SNJ	COUNTY	MONTGOMERY
DRAWN BY	SNJ	LOGMILE	
CHECKED BY	HDD	HORIZONTAL SCALE	
MDE/PRD	24-PR-0054	VERTICAL SCALE	
DRAWINGS NO.	<b>MT-03</b> OF 14		SHEET NO. OF 107



- A**  
M4-9(1)  
30" x 12"  
Spring Street  
**DETOUR**  
↑  
BLK, FO  
M4-9 MOD  
30" x 24"
- B**  
M4-9(1)  
30" x 12"  
Spring Street  
**DETOUR**  
←  
BLK, FO  
M4-9 MOD  
30" x 24"
- C**  
M4-9(1)  
30" x 12"  
Spring Street  
**DETOUR**  
←  
BLK, FO  
M4-9(L)  
30" x 24"
- D**  
M4-9(2)  
24" x 18"  
**END  
DETOUR**
- E**  
M4-9(1)  
30" x 12"  
Spring Street  
**DETOUR**  
→  
BLK, FO  
M4-9 MOD  
30" x 24"
- F**  
M4-9(1)  
30" x 12"  
Spring Street  
**DETOUR**  
→  
BLK, FO  
M4-9(R)  
30" x 24"
- G**  
W20-2(1)  
36" x 36"  
**DETOUR  
AHEAD**

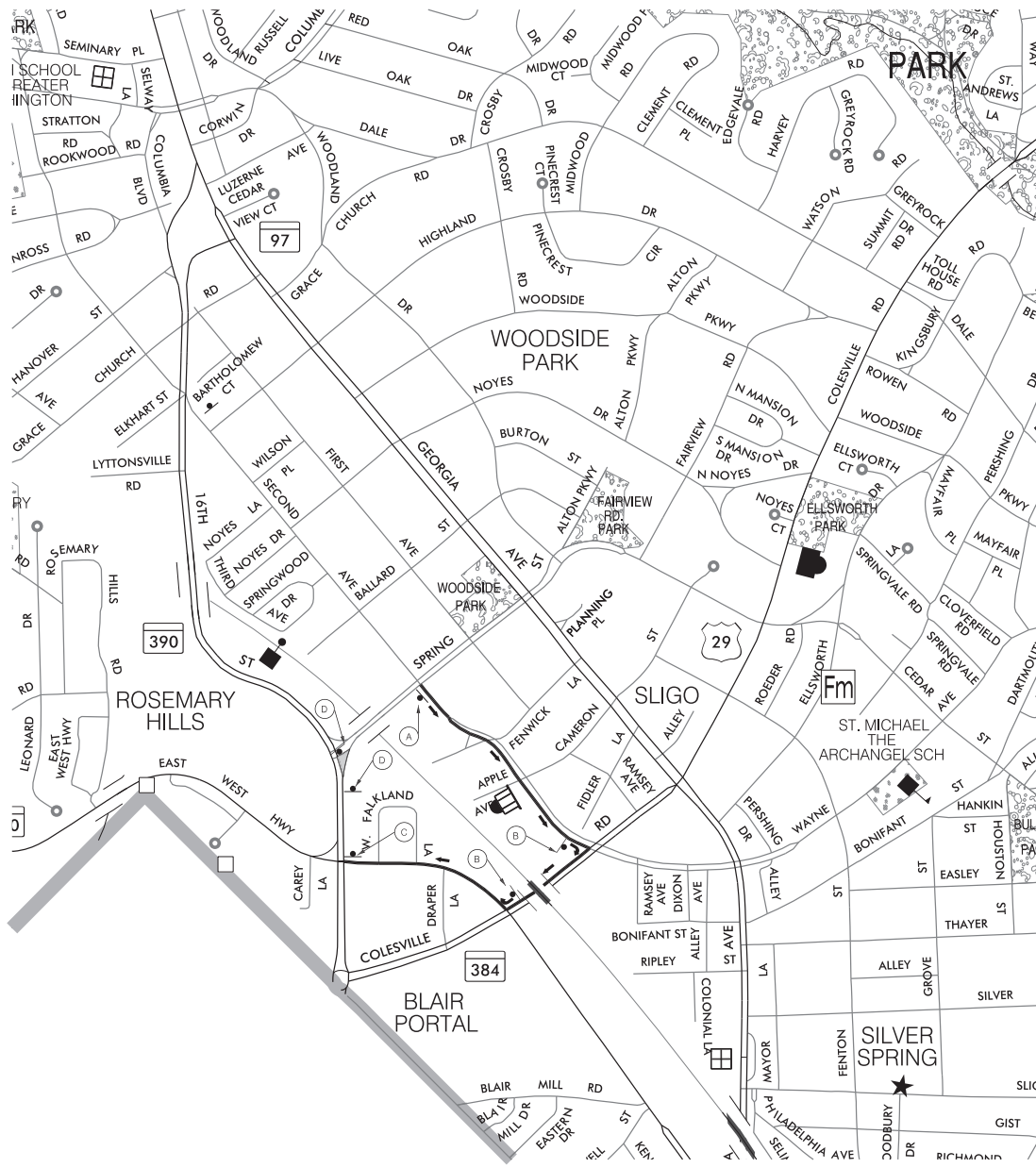
BY: sil/krlh - Highway Design Division

HIGHWAY DESIGN DIVISION

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

MD 390 (16TH STREET)  
PEDESTRIAN/BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVE

MOT LEGEND	REVISIONS	MAINTENANCE OF TRAFFIC - DETOUR PLAN PHASE 1
<ul style="list-style-type: none"> <li> WORK ZONE</li> <li> TEMPORARY TRAFFIC SIGN</li> <li> SIGN FACE</li> <li> DIRECTION OF TRAFFIC</li> <li> CHANNELIZING DEVICES</li> <li> ARROW PANEL</li> <li> PROPOSED DETOUR ROUTE</li> </ul>	<p><b>FINAL REVIEW</b> SEPTEMBER 11, 2025</p> <p><small>THIS DOCUMENT PLAN IS GRANT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-304. MARYLAND PUBLIC INFORMATION ACT.</small></p>	<p>SCALE: 1" = 400', ADVERTISED DATE: 08-15-2025, CONTRACT NO.: M039085088</p> <p>DESIGNED BY: SNJ COUNTY: MONTGOMERY DRAWN BY: SNJ LOGSILE CHECKED BY: HDG HORIZONTAL SCALE MDE/FPD: 2/1-PR-2024 VERTICAL SCALE</p> <p>DRAWINGS NO. <b>MT-04</b> OF 14 SHEET NO. OF 107</p>



(A) M4-9b 30" x 24"  
  
 M4-9b(2)(L) 48" x 36"

(B) M4-9b 30" x 24"

(C) R9-11 24" x 12"

(D) R9-9 24" x 12"

BY: silvino - Highway Design Division

MOT LEGEND	REVISIONS	MAINTENANCE OF TRAFFIC - PEDESTRIAN DETOUR PHASE 1
<ul style="list-style-type: none"> <li> WORK ZONE</li> <li> TEMPORARY TRAFFIC SIGN</li> <li> SIGN FACE</li> <li> DIRECTION OF TRAFFIC</li> <li> CHANNELIZING DEVICES</li> <li> ARROW PANEL</li> <li> PROPOSED DETOUR ROUTE</li> </ul>	<p><b>FINAL REVIEW</b>                  SEPTEMBER 11, 2025</p> <p><small>THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-304. MARYLAND PUBLIC INFORMATION ACT.</small></p>	<p>SCALE: 1" = 400', ADVERTISED DATE: 08-15-2025, CONTRACT NO.: M09680588</p> <p>DESIGNED BY: SNJ COUNTY: MONTGOMERY                  DRAWN BY: SNJ LOGMILE: _____                  CHECKED BY: HDG HORIZONTAL SCALE: _____                  MDE/PRD: 24-PR-0054 VERTICAL SCALE: _____</p> <p>DRAWINGS NO. <b>MT-05</b> OF <b>14</b> SHEET NO. OF 107</p>

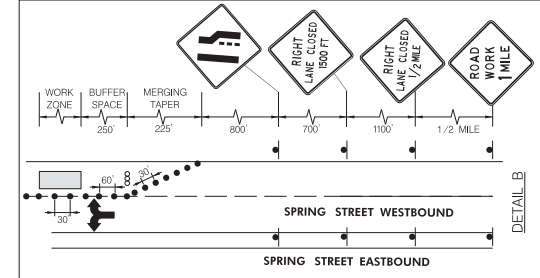
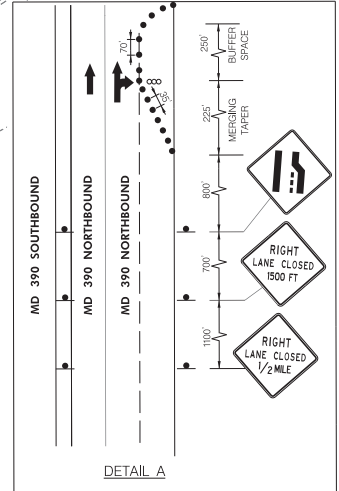
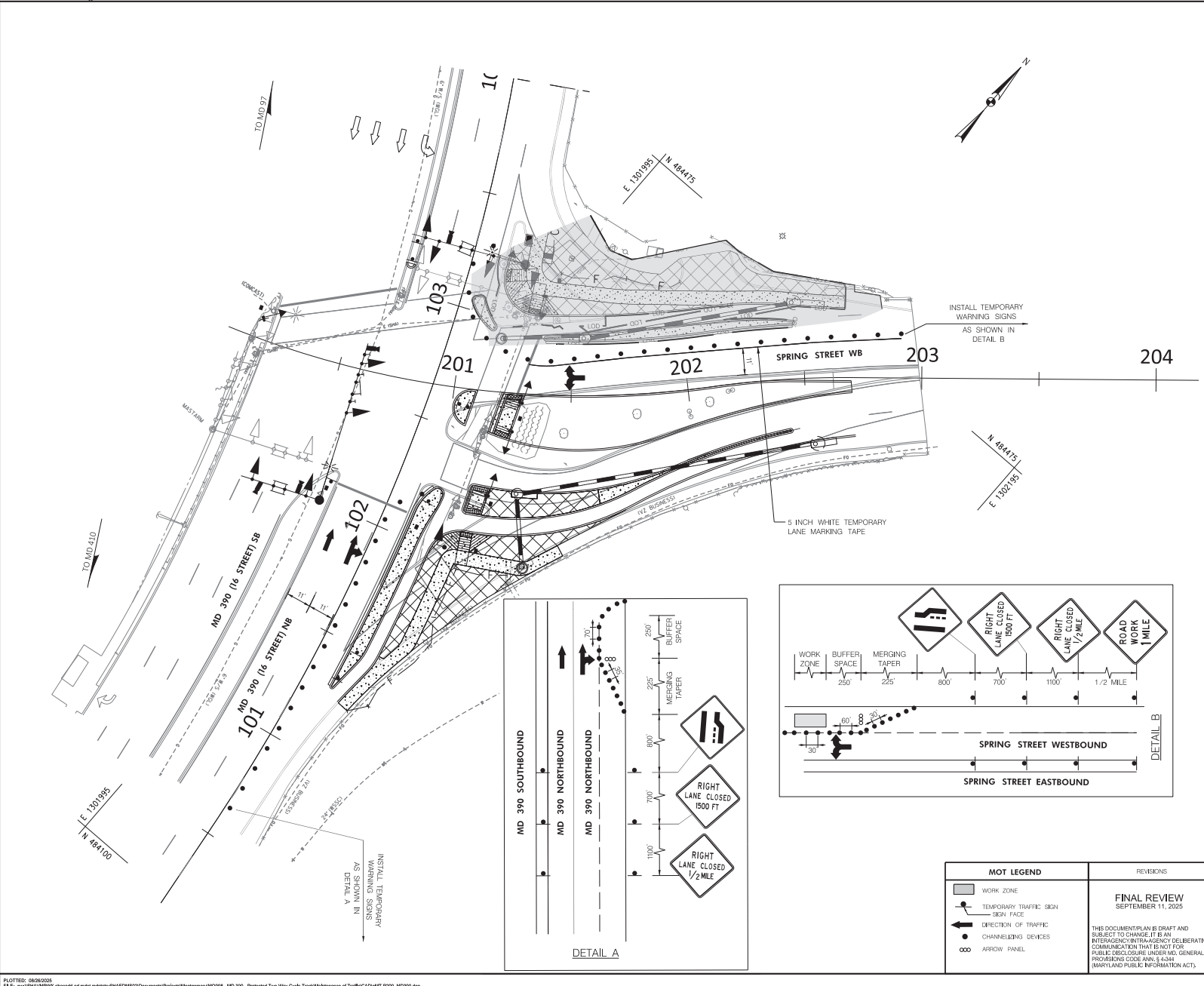
HIGHWAY DESIGN DIVISION

**MOT**  
 MARYLAND DEPARTMENT  
 OF TRANSPORTATION

STATE HIGHWAY  
 ADMINISTRATION

MD 390 (16TH STREET)  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

BY: silkrito - Highway Design Division

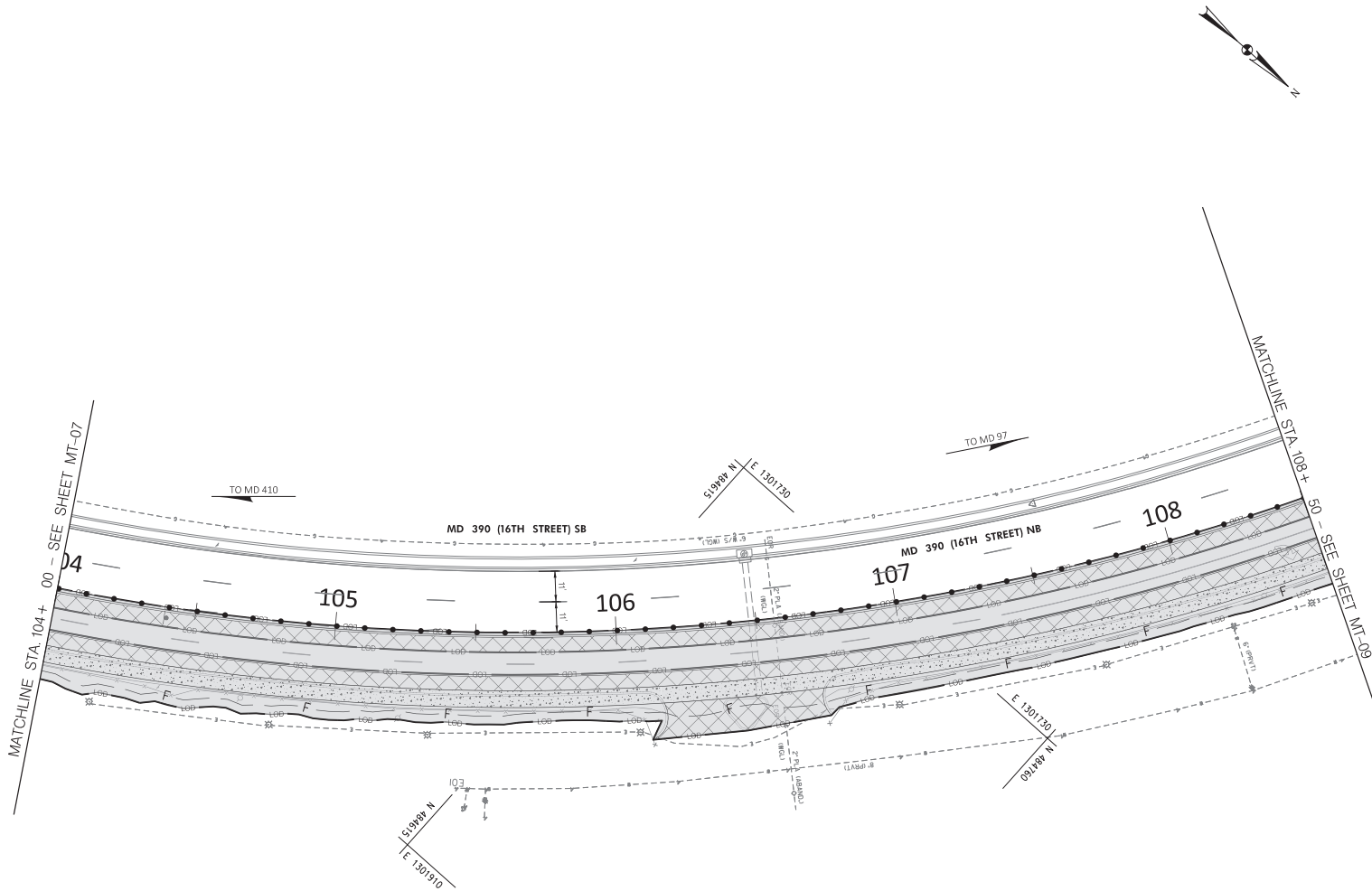


QUANTITIES UNDER CONSTRUCTION

HIGHWAY DESIGN DIVISION  
**MDOT**  
 MARYLAND DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION  
 MD 390 (16TH STREET)  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

MOT LEGEND		REVISIONS	MAINTENANCE OF TRAFFIC PHASE 2	
	WORK ZONE	<b>FINAL REVIEW</b> SEPTEMBER 11, 2025  <small>THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD GENERAL PROVISIONS CODE ANN. § 4-304 (MARYLAND PUBLIC INFORMATION ACT).</small>	SCALE: 1" = 20'	ADVERTISED DATE: 09-16-2025
	TEMPORARY TRAFFIC SIGN		CONTRACT NO.: M09985688	DESIGNED BY: SNI
	DIRECTION OF TRAFFIC		DRAWN BY: SNI	LOG/MILE: _____
	CHANNELIZING DEVICES		CHECKED BY: HDG	HORIZONTAL SCALE: _____
	ARROW PANEL		MDE/PRD: 24-PR-0054	VERTICAL SCALE: _____
			DRAWINGS NO.: <b>MT-06</b>	OF 14
			SHEET NO.:	OF 107





BY: silkrito - Highway Design Division

HIGHWAY DESIGN DIVISION

**MDOT**  
MARYLAND DEPARTMENT OF TRANSPORTATION

STATE HIGHWAY ADMINISTRATION

MD 390 (16TH STREET)  
PEDESTRIAN BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE

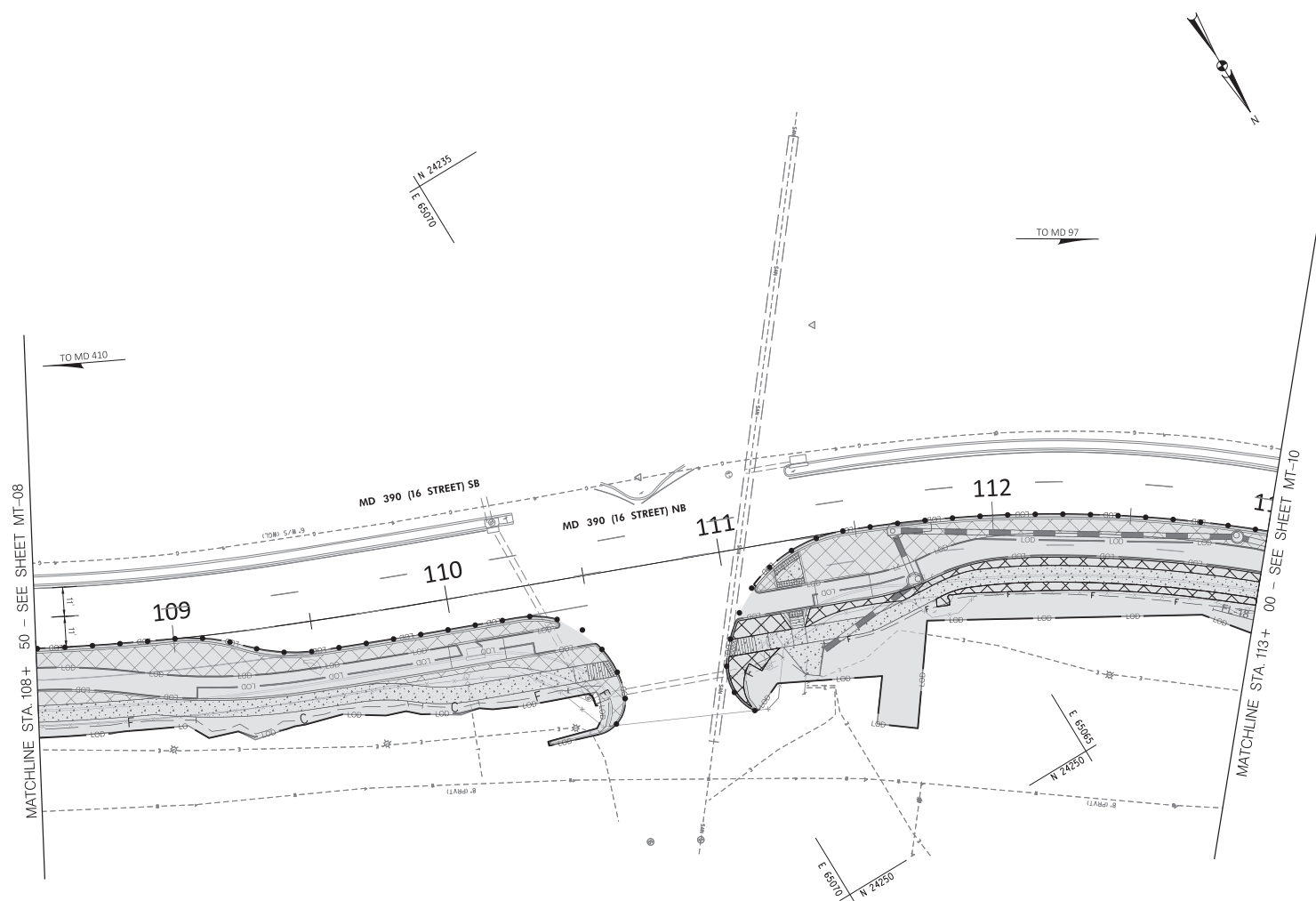
MOT LEGEND	
	WORK ZONE
	TEMPORARY TRAFFIC SIGN
	SIGN FACE
	DIRECTION OF TRAFFIC
	CHANNELLING DEVICES
	ARROW PANEL

REVISIONS

**FINAL REVIEW**  
SEPTEMBER 11, 2025

THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTERAGENCY DELIBERATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-3-34 (MARYLAND PUBLIC INFORMATION ACT).

MAINTENANCE OF TRAFFIC PHASE 3			
SCALE	1" = 20'	ADVERTISED DATE	09-10-2025
CONTRACT NO.	MC2985088		
DESIGNED BY	SNJ	COUNTY	MONTGOMERY
DRAWN BY	SNJ	LOGMILE	
CHECKED BY	HDD	HORIZONTAL SCALE	
MDE/PRD	24-PR-0054	VERTICAL SCALE	
DRAWINGS NO.	<b>MT-08</b> OF 14		SHEET NO. OF 107



BY: silvino - Highway Design Division

HIGHWAY DESIGN DIVISION

**MDOT**  
MARYLAND DEPARTMENT OF TRANSPORTATION

STATE HIGHWAY ADMINISTRATION

MD 390 (16TH STREET)  
PEDESTRIAN BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE

MOT LEGEND	
	WORK ZONE
	TEMPORARY TRAFFIC SIGN
	SIGN FACE
	DIRECTION OF TRAFFIC
	CHANNELING DEVICES
	ARROW PANEL

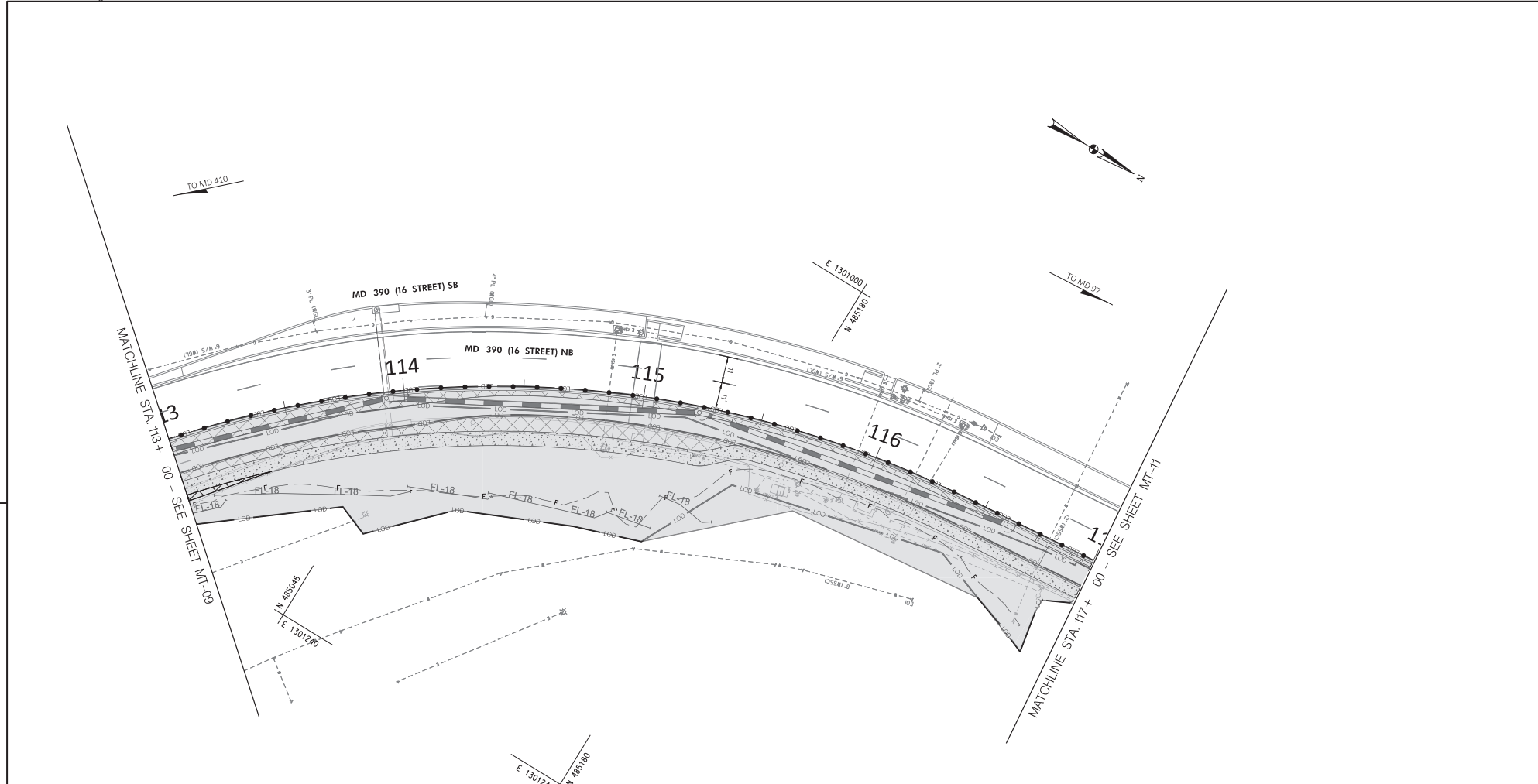
REVISIONS

**FINAL REVIEW**  
SEPTEMBER 11, 2025

THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-334 (MARYLAND PUBLIC INFORMATION ACT).

MAINTENANCE OF TRAFFIC PHASE 3			
SCALE: 1" = 20'	ADVERTISED DATE: 08-16-2025	CONTRACT NO.:	MC20250388
DESIGNED BY: SNI	COUNTY: MONTGOMERY	LOGMILE:	
DRAWN BY: SNI	HORIZONTAL SCALE:	VERTICAL SCALE:	
CHECKED BY: HDD			
MDE/PRD: 24-PR-0054			
DRAWINGS NO.:	<b>MT-09</b> OF 14	SHEET NO.:	OF 107

BY: silkrito - Highway Design Division



HIGHWAY DESIGN DIVISION

**MDOT**  
MARYLAND DEPARTMENT OF TRANSPORTATION

STATE HIGHWAY ADMINISTRATION

MD 390 (16TH STREET)  
PEDESTRIAN BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE

MOT LEGEND	
	WORK ZONE
	TEMPORARY TRAFFIC SIGN SIGN FACE
	DIRECTION OF TRAFFIC
	CHANNELING DEVICES
	ARROW PANEL

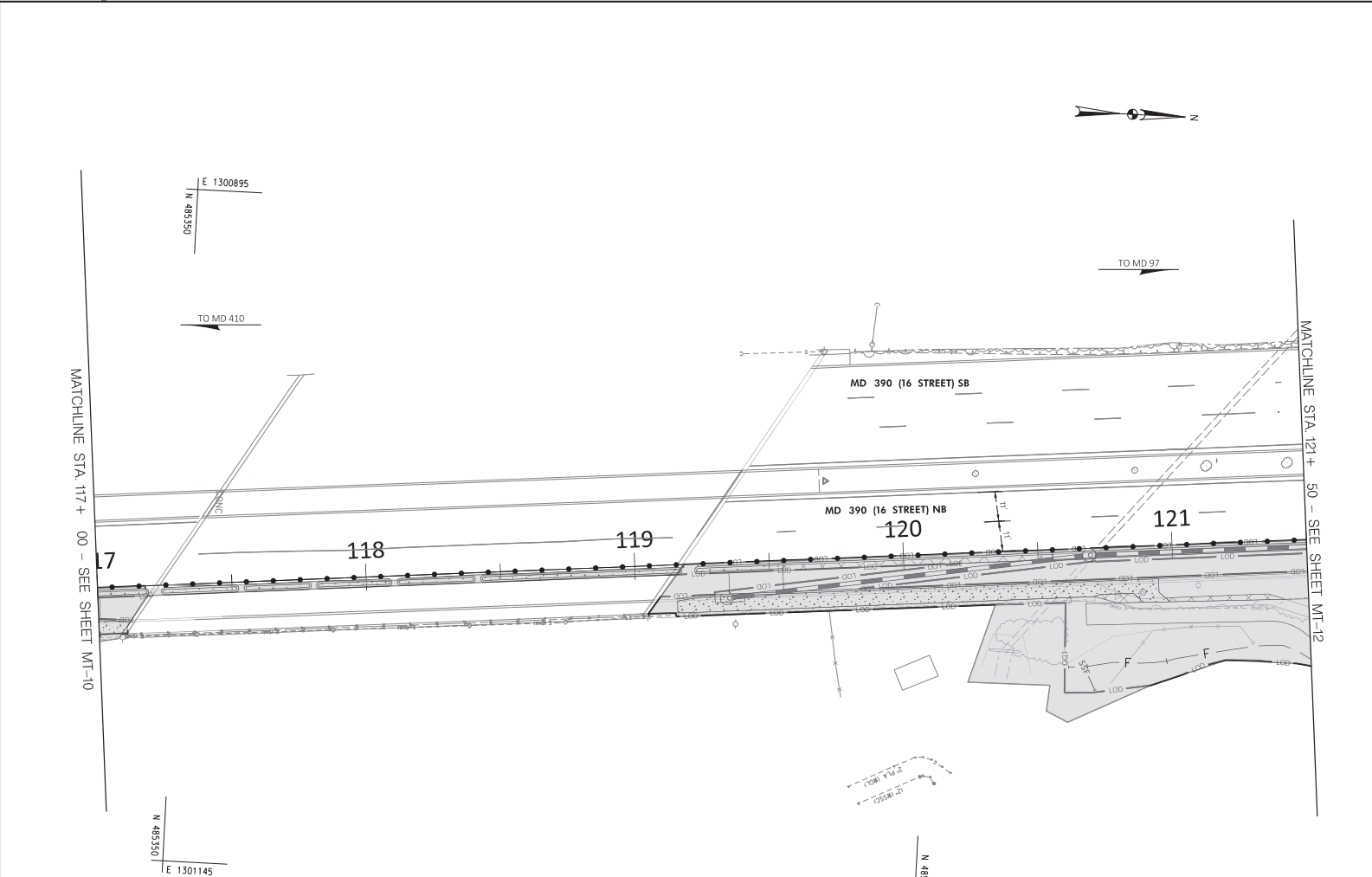
REVISIONS

**FINAL REVIEW**  
SEPTEMBER 11, 2025

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MAINTENANCE OF TRAFFIC PHASE 3			
SCALE	1" = 20'	ADVERTISED DATE	09-16-2025
CONTRACT NO.	MC2985288		
DESIGNED BY	SNI	COUNTY	MONTGOMERY
DRAWN BY	SNI	LOGMILE	
CHECKED BY	HDD	HORIZONTAL SCALE	
MDE/PRD	24-PR-0054	VERTICAL SCALE	
DRAWINGS NO.	<b>MT-10</b>	OF	14
SHEET NO.		OF	107

BY: silkrito - Highway Design Division



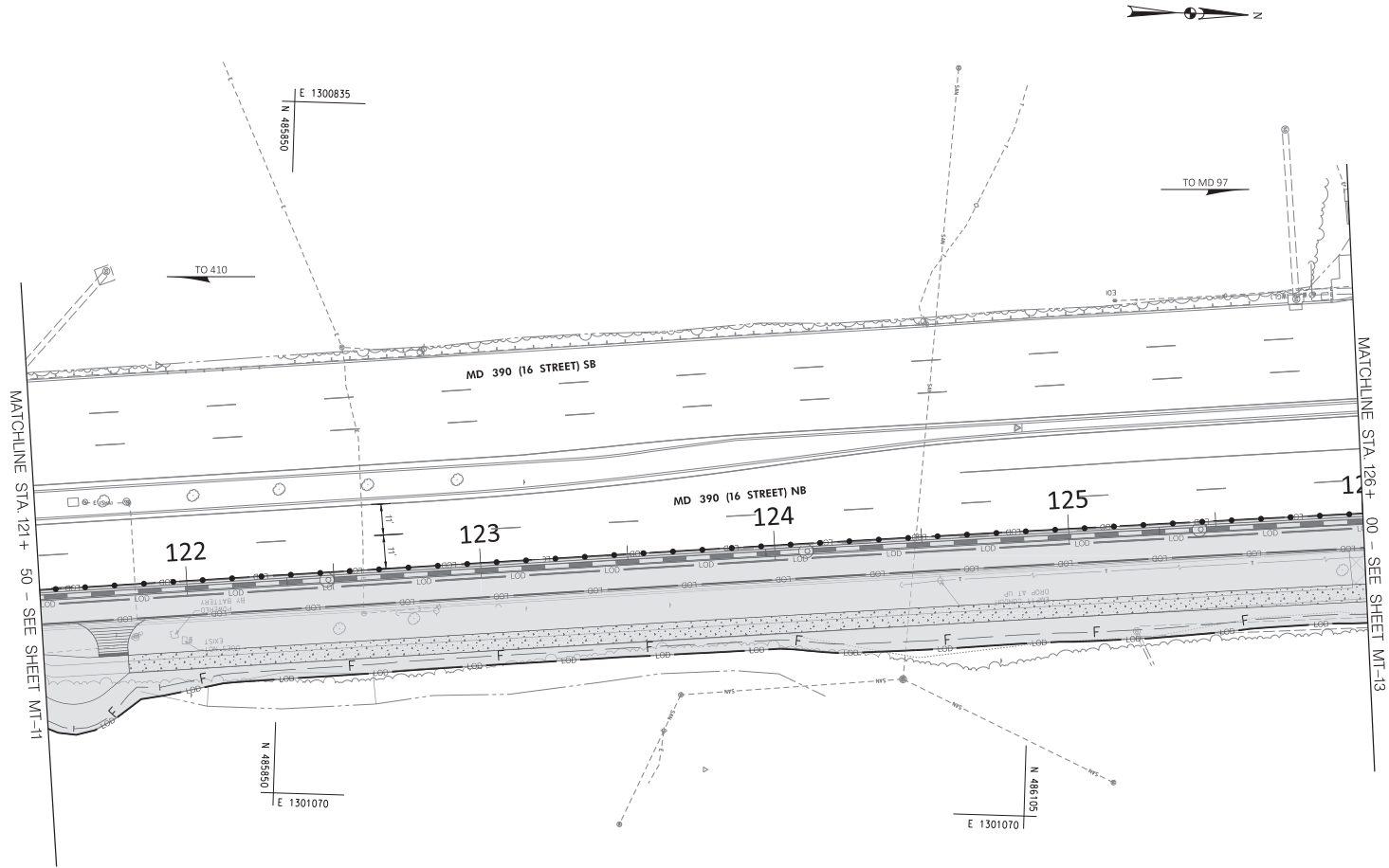
MOT LEGEND	
	WORK ZONE
	TEMPORARY TRAFFIC SIGN
	SIGN FACE
	DIRECTION OF TRAFFIC
	CHANNELIZING DEVICES
	ARROW PANEL

REVISIONS

**FINAL REVIEW**  
SEPTEMBER 11, 2025


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 MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION	HIGHWAY DESIGN DIVISION  MD 390 (16TH STREET) PEDESTRIAN BICYCLE ROUTE FROM SPRING STREET TO 2ND AVENUE
	<b>MAINTENANCE OF TRAFFIC PHASE 3</b> SCALE: 1" = 20' ADVERTISED DATE: 09-16-2025 CONTRACT NO.: M/20250588
DESIGNED BY: SNJ COUNTY: MONTGOMERY DRAWN BY: SNJ LOGMILE: CHECKED BY: HDG HORIZONTAL SCALE: MDE/PRD: 24-PR-0054 VERTICAL SCALE:	DRAWINGS NO.: <b>MT-11</b> OF 14 SHEET NO.: OF 107



BY: silkrho - Highway Design Division

HIGHWAY DESIGN DIVISION



MARYLAND DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

MD 390 (16TH STREET)  
PEDESTRIAN/BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE

MOT LEGEND	
	WORK ZONE
	TEMPORARY TRAFFIC SIGN
	SIGN FACE
	DIRECTION OF TRAFFIC
	CHANNELING DEVICES
	ARROW PANEL

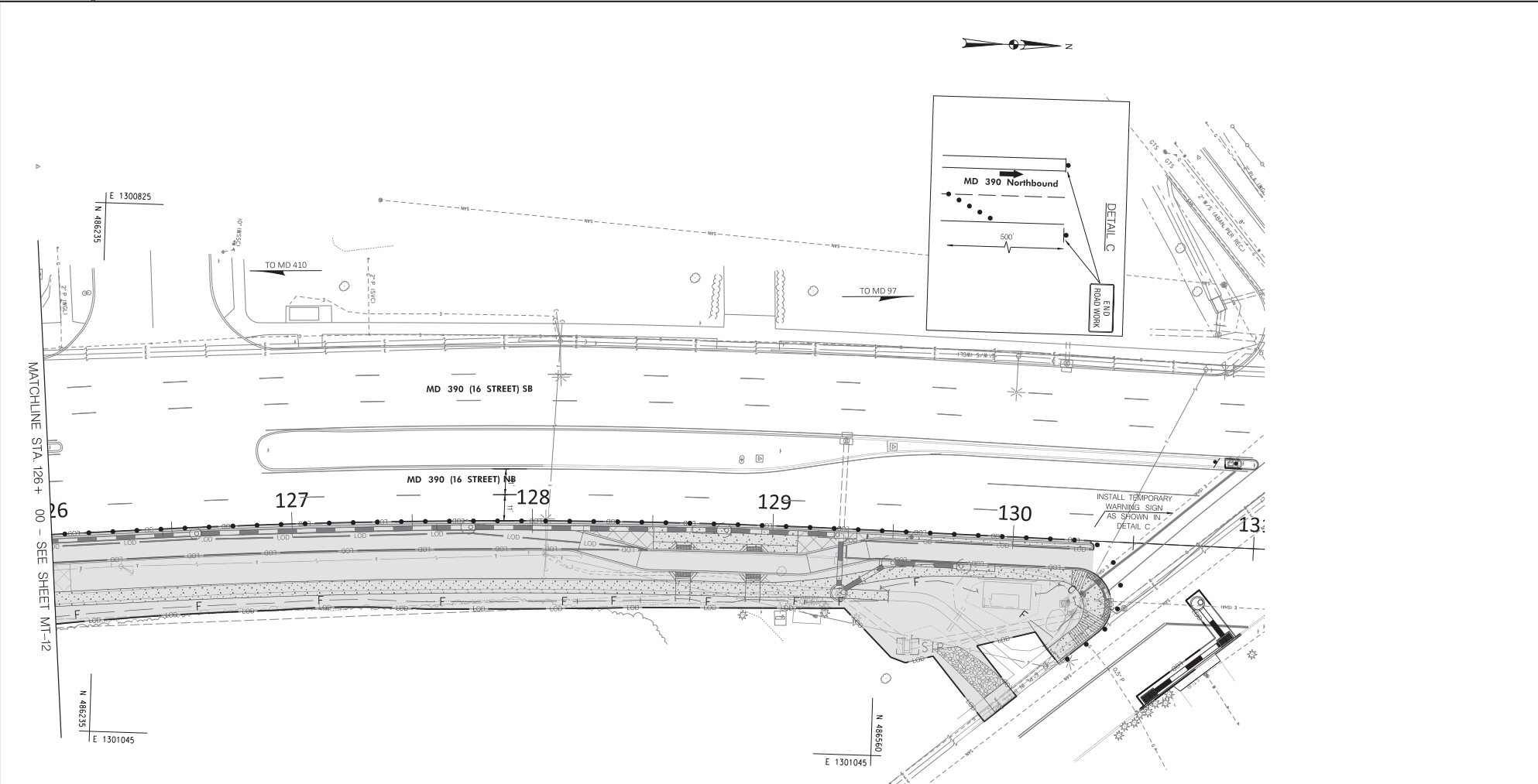
REVISIONS

**FINAL REVIEW**  
SEPTEMBER 11, 2025

THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTERAGENCY DELIBERATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-334 (MARYLAND PUBLIC INFORMATION ACT).

MAINTENANCE OF TRAFFIC PHASE 3			
SCALE	1" = 20'	ADVERTISED DATE	09-10-2025
DESIGNED BY	SNJ	COUNTY	MONTGOMERY
DRAWN BY	SNJ	LOGMILE	
CHECKED BY	HDD	HORIZONTAL SCALE	
MDE/PRD	24-PR-0054	VERTICAL SCALE	
DRAWINGS NO.	<b>MT-12</b>	OF	14
SHEET NO.		OF	107

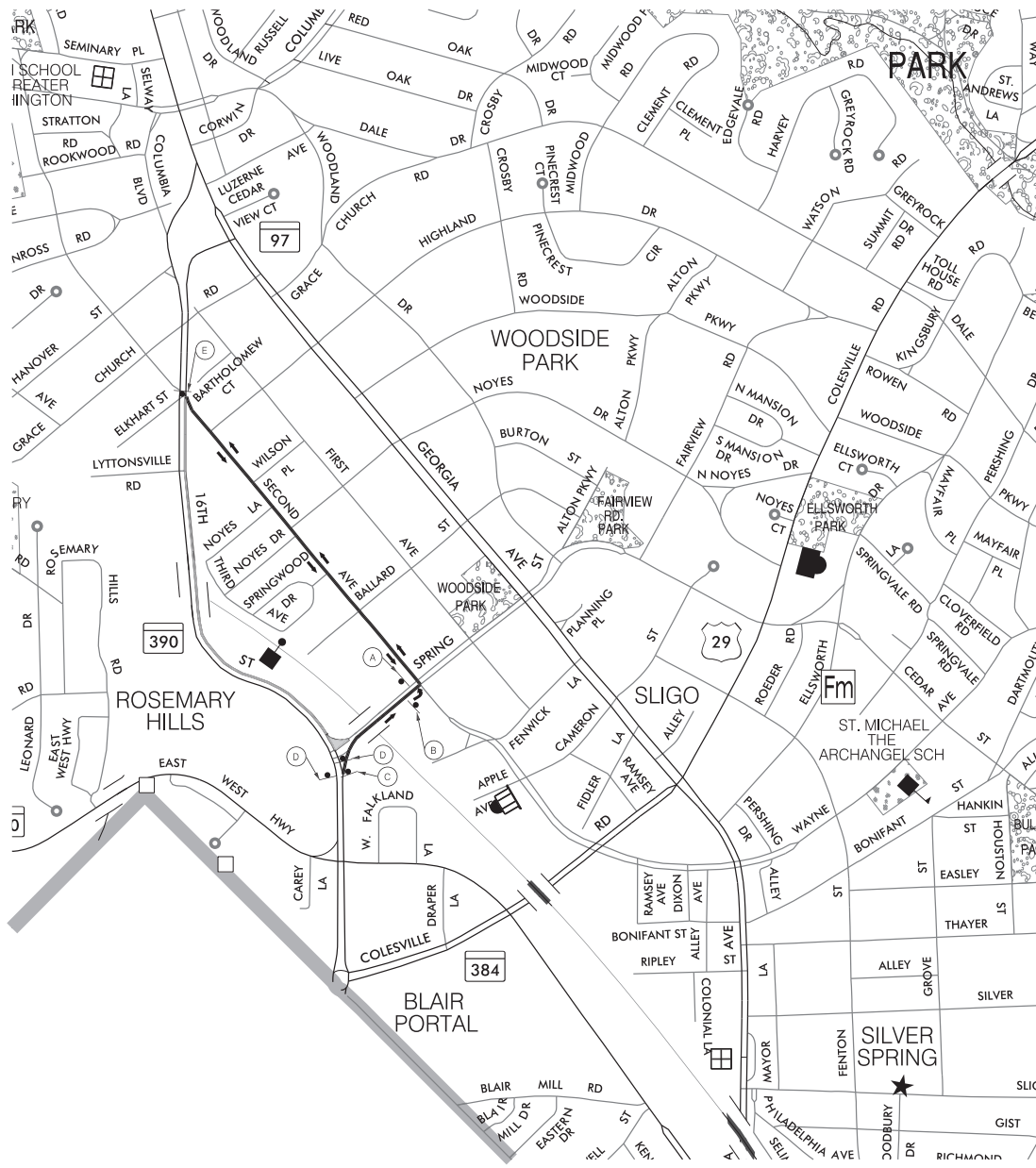
BY: silkrho - Highway Design Division



MOT LEGEND	
	WORK ZONE
	TEMPORARY TRAFFIC SIGN
	SIGN FACE
	DIRECTION OF TRAFFIC
	CHANNELIZING DEVICES
	ARROW PANEL

REVISIONS	
FINAL REVIEW	SEPTEMBER 11, 2025
THIS DOCUMENT IS IN DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD. GENERAL PROVISIONS CODE ANN. § 4-304 (MARYLAND PUBLIC INFORMATION ACT).	

		HIGHWAY DESIGN DIVISION	
MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION		MD 390 (16TH STREET) PEDESTRIAN BICYCLE ROUTE FROM SPRING STREET TO 2ND AVENUE	
MAINTENANCE OF TRAFFIC PHASE 3			
SCALE	1" = 20'	ADVERTISED DATE	09-08-2025
DESIGNED BY	SNL	COUNTY	MONTGOMERY
DRAWN BY	SNL	LOGMILE	
CHECKED BY	HDD	HORIZONTAL SCALE	
MDE/PRD	24-PR-0054	VERTICAL SCALE	
DRAWINGS NO.	MT-13	OF	14
SHEET NO.		OF	107



<p>(A)</p> <p>R9-9 24" x12"</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;">SIDEWALK CLOSED</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> </div> <p>M4-9b(R) 30" x24"</p>	<p>(B)</p> <p>M4-9b(L) 30" x24"</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> </div> <p>R9-9 24" x12"</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;">SIDEWALK CLOSED</div>	<p>(C)</p> <p>M4-9b(R) 30" x24"</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> </div>
<p>(D)</p> <p>R9-9 24" x12"</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;">SIDEWALK CLOSED</div>	<p>(E)</p> <p>R9-9 24" x12"</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;">SIDEWALK CLOSED</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> </div> <p>M4-9b(L) 30" x24"</p>	

BY: silkrito - Highway Design Division

MOT LEGEND		REVISIONS	MAINTENANCE OF TRAFFIC - PEDESTRIAN DETOUR PHASE 2 & 3	
	WORK ZONE	FINAL REVIEW SEPTEMBER 11, 2025  <small>THIS DOCUMENT PLAN IS DRAFT AND SUBJECT TO CHANGE. IT IS AN INTERAGENCY/INTRA-AGENCY COLLABORATIVE COMMUNICATION THAT IS NOT FOR PUBLIC DISCLOSURE UNDER MD GENERAL PROVISIONS CODE ANN. § 4-384 (MARYLAND PUBLIC INFORMATION ACT).</small>	SCALE: 1" = 400'	ADVERTISED DATE: 08-15-2025
	TEMPORARY TRAFFIC SIGN		CONTRACT NO. M0968088	DESIGNED BY: SNI
	SIGN FACE		DRAWN BY: SNI	LOGMILE: _____
	DIRECTION OF TRAFFIC		CHECKED BY: HDG	HORIZONTAL SCALE: _____
	CHANNELIZING DEVICES		MDE/PRD: 24-PR-0054	VERTICAL SCALE: _____
	ARROW PANEL			
	PROPOSED DETOUR ROUTE			
			DRAWINGS NO. <b>MT-14</b> OF <b>14</b>	SHEET NO. OF 107

HIGHWAY DESIGN DIVISION

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
 STATE HIGHWAY ADMINISTRATION

MD 390 (16TH STREET)  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

GENERAL NOTES

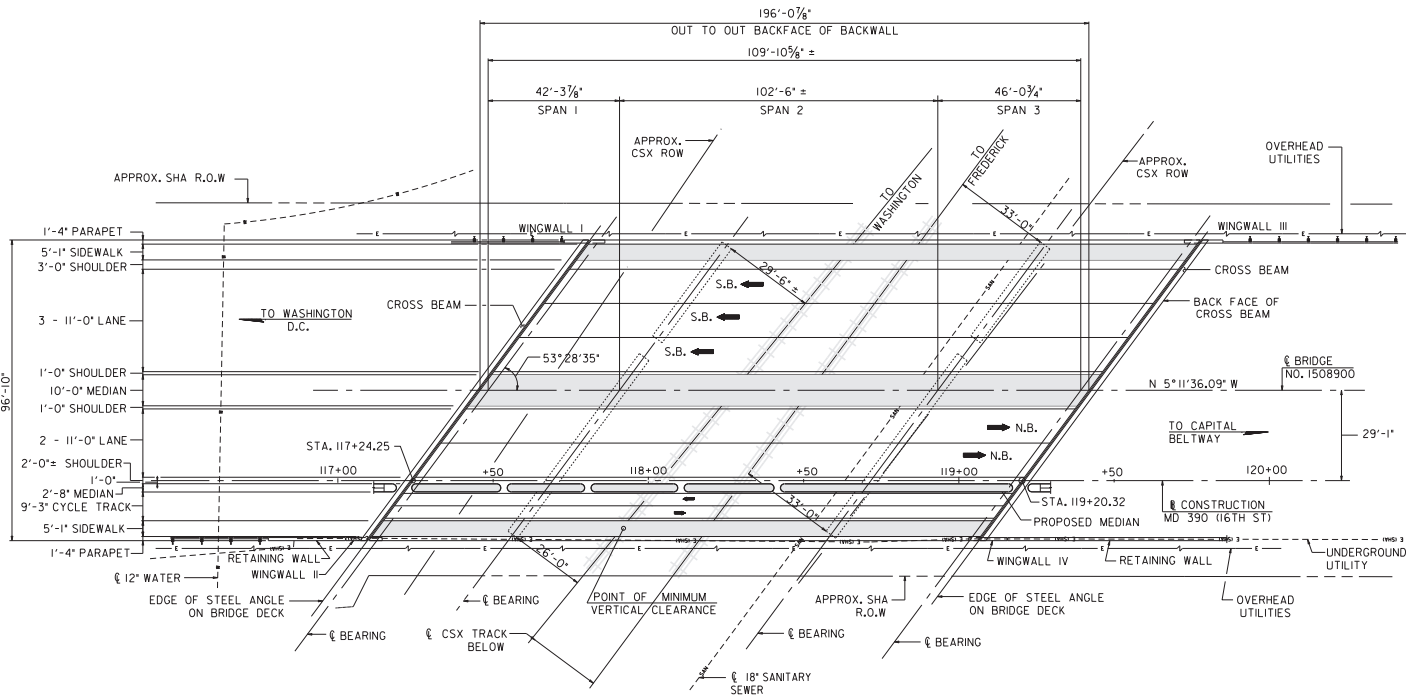
**SPECIFICATIONS:** MDOT SHA STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS DATED JULY 2025.  
**DESIGN:** AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS DATED 2024  
**LOADING:** HL-93  
**LOAD RESTRICTIONS:** THERE ARE RESTRICTIONS FOR PLACING EQUIPMENT AND MATERIALS ON EXISTING AND NEW STRUCTURES. REFER TO SECTION TC 6.14  
**CONCRETE:** CONCRETE COMPRESSIVE STRENGTH FOR DESIGN SHALL BE:  
 $f'c = 3000$  PSI FOR ELEMENTS USING MIX NO. 3  
 $f'c = 4000$  PSI FOR ELEMENTS USING MIX NO. 6  
 ALL CONCRETE FOR PARAPETS ON SUPERSTRUCTURE, AT WING WALLS, AND ENTIRE SUPERSTRUCTURE(S) SHALL BE MIX NO. 6 (4500 PSI), CONTAINING SYNTHETIC FIBERS (SEE SECTION 902.15)  
 ALL CONCRETE FOR SUPERSTRUCTURE OVERLAY SHALL BE MIX NO. 8 CONCRETE (4000 PSI) CONTAINING SYNTHETIC FIBERS (SEE SECTION 902.15).  
 ALL OTHER STRUCTURE CONCRETE EXCEPT PRESTRESSED SLABS SHALL BE MIX NO. 3 (3500 PSI).

**REINFORCING STEEL:** REINFORCING STEEL SHALL CONFORM TO ASTM A 615 GRADE 60 WITH A YIELD STRENGTH FOR DESIGN OF  $f_y = 60000$  PSI.  
 ALL SPLICES, NOT SHOWN, SHALL BE LAPPED AS PER BAR LAP CHARTS.  
 REINFORCING STEEL SHALL BE EPOXY COATED WHEN NOTED WITH AN EP IN THE PLANS.  
 MINIMUM CLEAR COVER FOR REINFORCING STEEL SHALL BE 2" EXCEPT FOR FOLLOWING LOCATIONS:

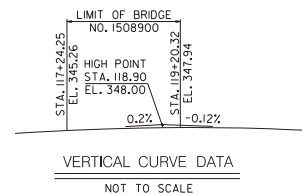
LOCATION	CLEAR COVER
BOTTOM OF BRIDGE DECK SLAB.	1 IN.
TOP OF BRIDGE DECK SLAB.	2 1/2 IN.

FOR TIES AND STIRRUPS, STANDARD AC BENDING TOLERANCES ARE MODIFIED TO PLUS (+) ZERO INCHES, MINUS (-) NORMAL BENDING TOLERANCES.

**EXISTING STRUCTURES:** ALL DIMENSIONS AFFECTED BY THE GEOMETRY AND/OR LOCATION OF THE STRUCTURE(S); EXISTING STRUCTURE(S) SHALL BE CHECKED IN THE FIELD BY THE CONTRACTOR BEFORE ANY MATERIAL IS ORDERED OR FABRICATED OR CONSTRUCTION BEGINS.  
 EXISTING STRUCTURE SHOWN HATCHED SHALL BE PARTIALLY REMOVED, REFER TO SHEET SI-01 AND SI-03.

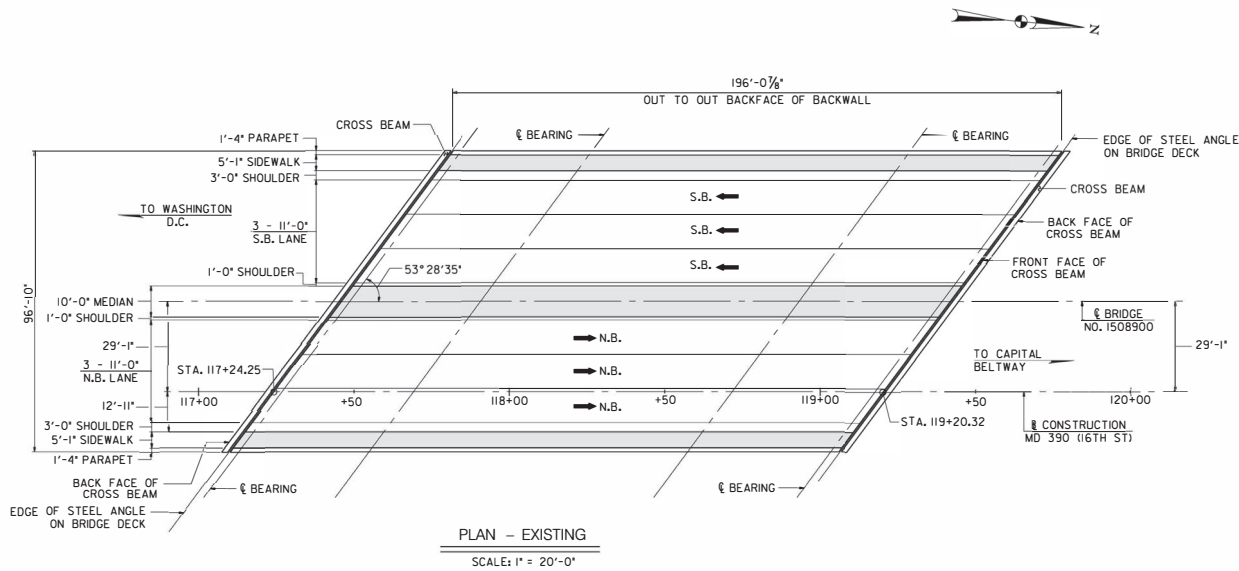


PLAN  
 SCALE: 1" = 20'-0"

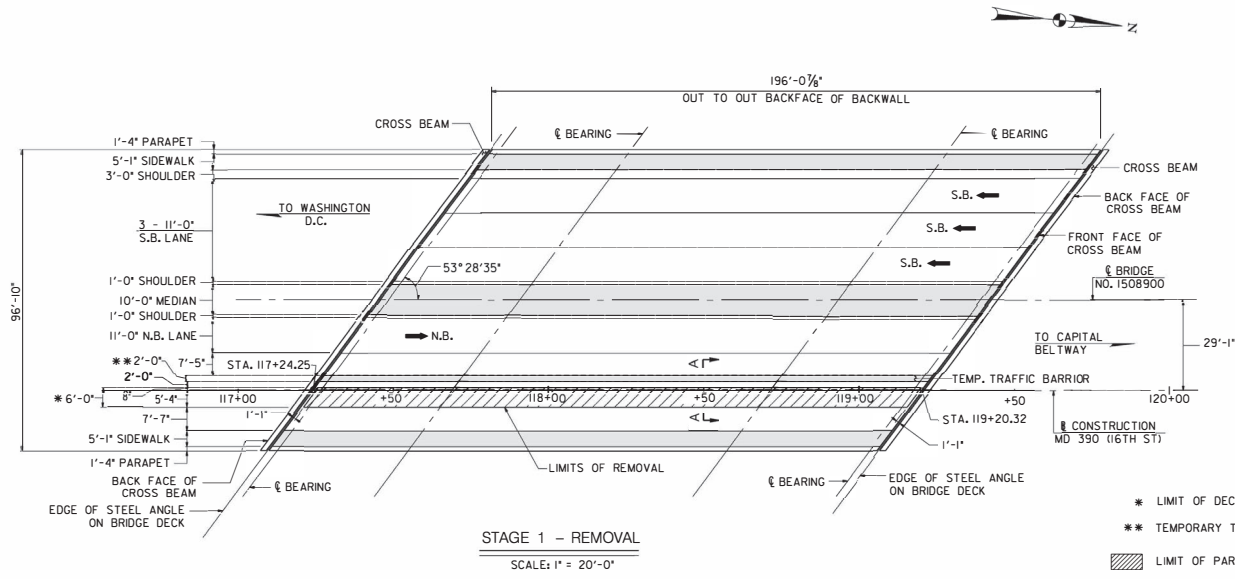


REVISIONS	OFFICE OF STRUCTURES
	<p><b>MDOT</b>                  MARYLAND DEPARTMENT OF TRANSPORTATION                  STATE HIGHWAY ADMINISTRATION</p> <p>ON BRIDGE NO. 1508900                  ON MD 390 (16TH STREET)                  OVER CSX RAILROAD</p>
	<p><b>GENERAL PLAN</b></p> <p>SCALE: AS SHOWN    DATE: AUGUST 2025    CONTRACT NO.: MD29985188</p>
	<p>DESIGNED BY: BJ                  DRAWN BY: BJ                  CHECKED BY: TB</p> <p><b>TENTATIVE</b>                  OFFICE OF STRUCTURES                  100 NORTH EIGHTH STREET, BALTIMORE, MD 21202                  PHONE: 410-535-6800                  FAX: 410-535-6801                  WWW.MDOT.GOV</p>
	<p>DRAWING NO. SI-01 OF 07    SHEET NO. OF 107</p>

BY: SUBSERNAME



PLAN - EXISTING  
SCALE: 1" = 20'-0"



STAGE 1 - REMOVAL  
SCALE: 1" = 20'-0"

- \* LIMIT OF DECK REMOVAL
- \*\* TEMPORARY TRAFFIC BARRIER
- ▨ LIMIT OF PARTIAL REMOVAL OF EXISTING DECK

NOTES:

DURING THE DECK REMOVAL OPERATION, THE CONTRACTOR SHALL PLACE A VERTICAL SAW CUT (MAXIMUM 1 INCH DEEP) AT THE LIMIT OF REMOVAL IN A MANNER AS TO MAINTAIN A VERTICAL SURFACE ALONG THE LIMITS OF REMOVAL SHOWN. ANY REMOVAL OPERATION THAT CAUSES THE DECK TO SPALL AT AN ANGLE OR GO UNDER THE BARRIER IS PROHIBITED. ANY OPERATIONS NOT CONFORMING TO THESE REQUIREMENTS WILL BE TERMINATED IMMEDIATELY BY THE INSPECTOR AND WORK ON THE REMOVAL STOPPED UNTIL AN ALTERNATIVE METHOD IS USED. ANY DELAY CAUSED BY THIS STOPPING OF WORK WILL NOT BE THE BASIS FOR ANY CLAIM.

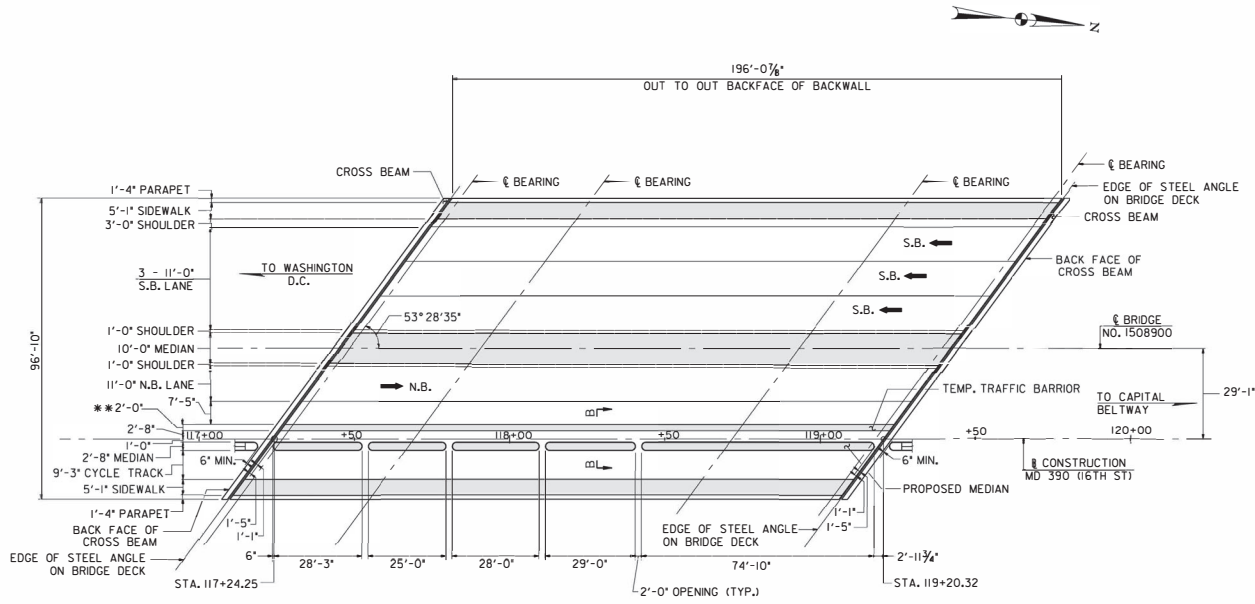
WHEN CUTTING THE EXISTING DECK CONCRETE, THE CONTRACTOR SHALL USE EXTRA CAUTION TO AVOID CUTTING EXISTING REBARS.

DURING HYDRODEMOLITION OF THE EXISTING DECK, IF THE EPOXY COATING OF THE EXISTING REINFORCING BARS GOT REMOVED OR CHIPPED, THE CONTRACTOR SHALL REMOVE LOOSE, CHIPPED EPOXY COATING WITH SCRAPER, AND APPLY EPOXY COATING OVER IT. THE COST IS INCIDENTAL TO REMOVAL, AT NO COST TO THE ADMINISTRATION.

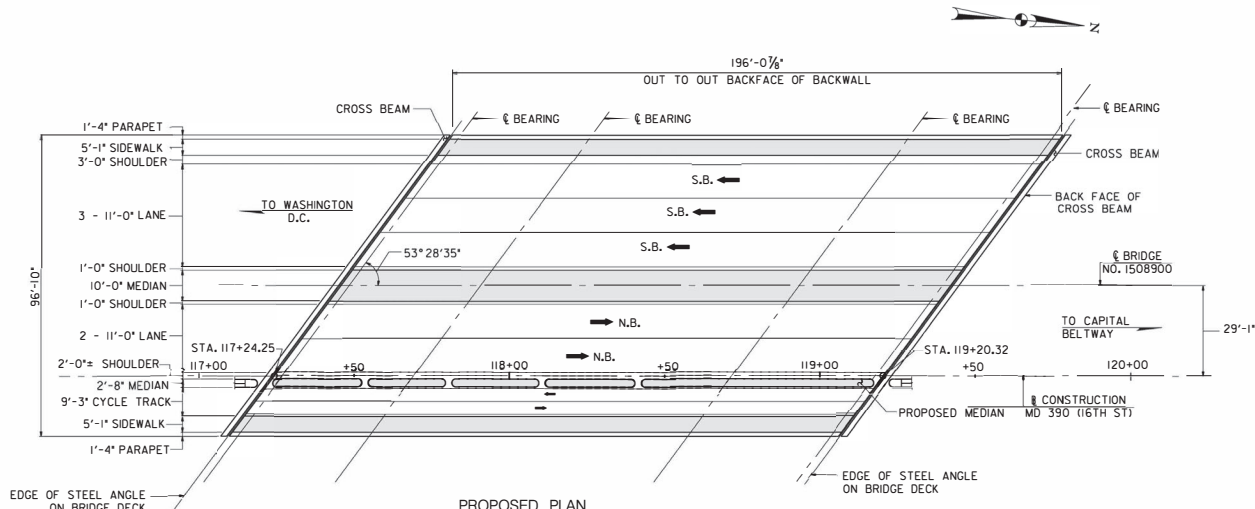
TEMPORARY TRAFFIC BARRIER SHALL NOT BE ATTACHED TO THE EXISTING DECK WITH DISTRUCTIVE METHOD SUCH AS BOLT THROUGH OR DOWEL BOLTS.

REVISIONS AS SHOWN		OFFICE OF STRUCTURES MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION	
DATE: AUGUST 2025		CONTRACT NO: MC9985088	
DESIGNED BY: BJ		OFFICE OF STRUCTURES TENTATIVE	
DRAWN BY: BJ		STATE HIGHWAY ADMINISTRATION ON MD 390 (16TH STREET)	
CHECKED BY: TB		OVER: CSX RAILROAD	
DRAWING NO. S1-02		SHEET NO. OF 107	

BY: SUBSERNAME



STAGE 1 - CONSTRUCTION  
SCALE: 1" = 20'-0"



PROPOSED PLAN  
SCALE: 1" = 20'-0"

- ▭ PROPOSED MEDIAN
- \*\* TEMPORARY TRAFFIC BARRIER

NOTES:

DURING THE DECK REMOVAL OPERATION, THE CONTRACTOR SHALL PLACE A VERTICAL SAW CUT (MAXIMUM 1 INCH DEEP) AT THE LIMIT OF REMOVAL IN A MANNER AS TO MAINTAIN A VERTICAL SURFACE ALONG THE LIMITS OF REMOVAL SHOWN. ANY REMOVAL OPERATION THAT CAUSES THE DECK TO SPALL AT AN ANGLE OR GO UNDER THE BARRIER IS PROHIBITED. ANY OPERATIONS NOT CONFORMING TO THESE REQUIREMENTS WILL BE TERMINATED IMMEDIATELY BY THE INSPECTOR AND WORK ON THE REMOVAL STOPPED UNTIL AN ALTERNATIVE METHOD IS USED. ANY DEALY CAUSED BY THIS STOPPING OF WORK WILL NOT BE THE BASIS FOR ANY CLAIM.

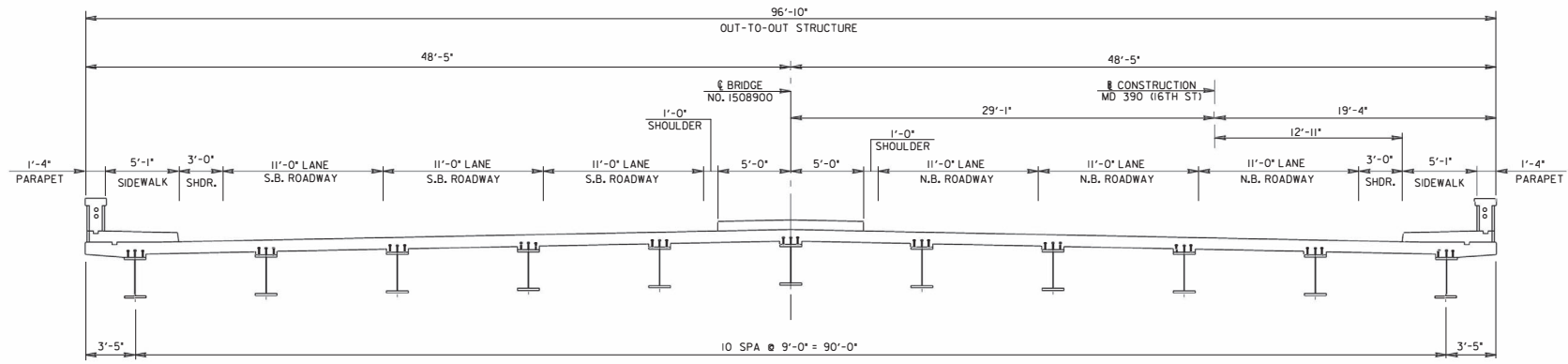
WHEN CUTTING THE EXISTING DECK CONCRETE, THE CONTRACTOR SHALL USE EXTRA CAUTION TO AVOID CUTTING EXISTING REBARS.

DURING HYDRODEMOLITION OF THE EXISTING DECK, IF THE EPOXY COATING OF THE EXISTING REINFORCING BARS GOT REMOVED OR CHIPPED, THE CONTRACTOR SHALL REMOVE LOOSE, CHIPPED EPOXY COATING WITH SCRAPER, AND APPLY EPOXY COATING OVER IT. THE COST IS INCIDENTAL TO REMOVAL, AT NO COST TO THE ADMINISTRATION.

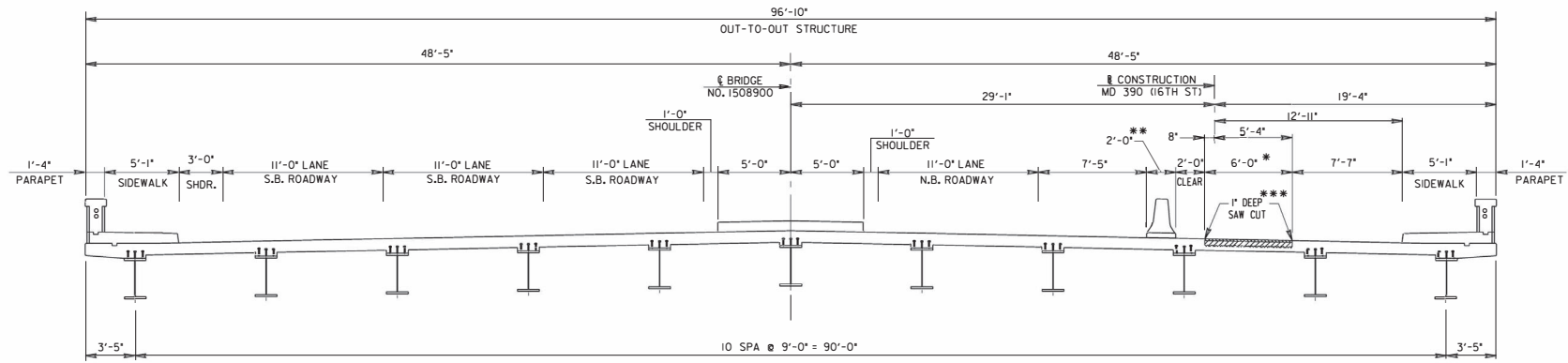
TEMPORARY TRAFFIC BARRIER SHALL NOT BE ATTACHED TO THE EXISTING DECK WITH DISTRACTIVE METHOD SUCH AS BOLT THROUGH OR DOWEL BOLTS.

REVISIONS AS SHOWN		OFFICE OF STRUCTURES MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION	
SCALE: AS SHOWN		AUGUST 2025 CONTRACT NO. MC09655388	
DESIGNED BY: BJ DRAWN BY: BJ CHECKED BY: TB		TENTATIVE OFFICE OF STRUCTURES BRIDGE NO. 1508900 ON MD 390 (16TH STREET) OVER CSX RAILROAD	
DRAWING NO. SI - 03 OF 07		SHEET NO. 78 OF 107	

BY: SUSERNAMES



EXISTING  
SCALE: 1/4" = 1'-0"



STAGE 1 - REMOVAL  
SCALE: 1/4" = 1'-0"

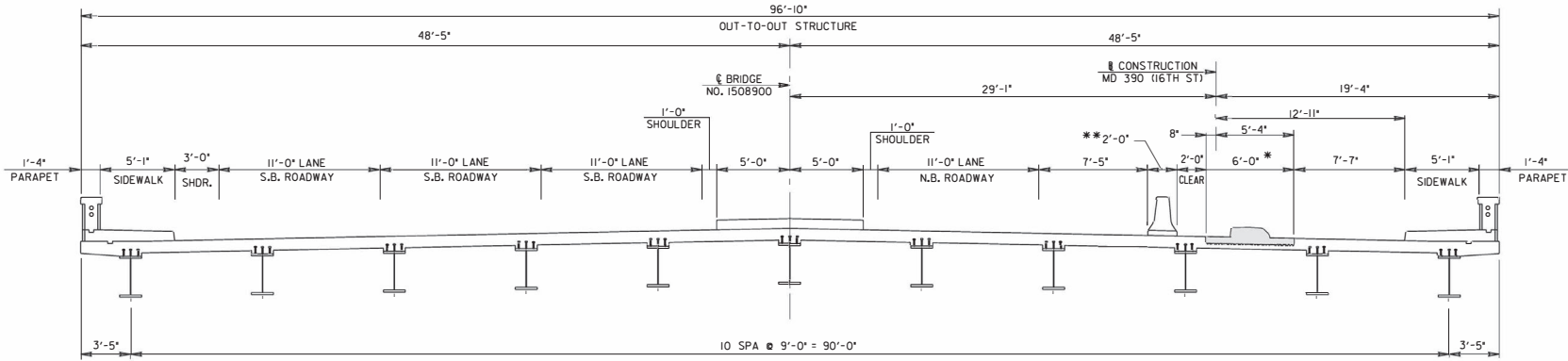
CONTRACTOR SHALL NOT BOLT TEMPORARY TRAFFIC BARRIER THROUGH THE DECK.

- \* LIMIT OF DECK REMOVAL
- \*\* TEMPORARY TRAFFIC BARRIER
- \*\*\* DURING THE DECK REMOVAL OPERATION, THE CONTRACTOR SHALL PLACE A VERTICAL SAW CUT (MAXIMUM 1 INCH DEEP) AT THE LIMIT OF REMOVAL IN A MANNER AS TO MAINTAIN A VERTICAL SURFACE ALONG THE LIMITS OF REMOVAL. SHOWN ANY REMOVAL OPERATION THAT CAUSES THE DECK TO SPALL AT AN ANGLE OR GO UNDER THE BARRIER IS PROHIBITED.

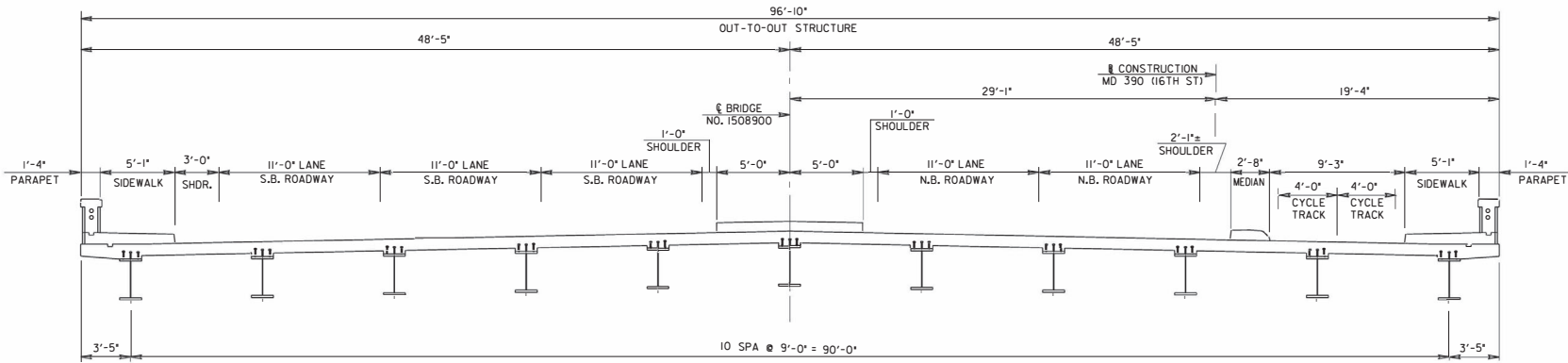
LIMIT PARTIAL REMOVAL OF EXISTING DECK

REVISIONS		OFFICE OF STRUCTURES	
		<b>MDOT</b> MARYLAND DEPARTMENT OF TRANSPORTATION	
		STATE HIGHWAY ADMINISTRATION	
		ON BRIDGE NO. 1508900 ON MD 390 (16TH STREET) OVER CSX RAILROAD	
EXISTING & REMOVAL CROSS SECTION VIEW			
SCALE	AS SHOWN	DATE	AUGUST 2025
DESIGNED BY	BJ	CONTRACT NO.	MC09985388
DRAWN BY	BJ	<b>TENTATIVE</b> OFFICE OF STRUCTURES <small>THIS DRAWING IS NOT FOR CONSTRUCTION. IT IS SUBJECT TO CHANGE. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD BEFORE PROCEEDING WITH CONSTRUCTION. SEE THE 100% DESIGN DRAWINGS FOR THE FINAL DESIGN.</small>	
CHECKED BY	TB		
DRAWING NO.	SI - 04	OF	07
		SHEET NO.	OF 107

BY: SUSERNAMES



**STAGE 2 - CONSTRUCTION**  
SCALE: 1/4" = 1'-0"



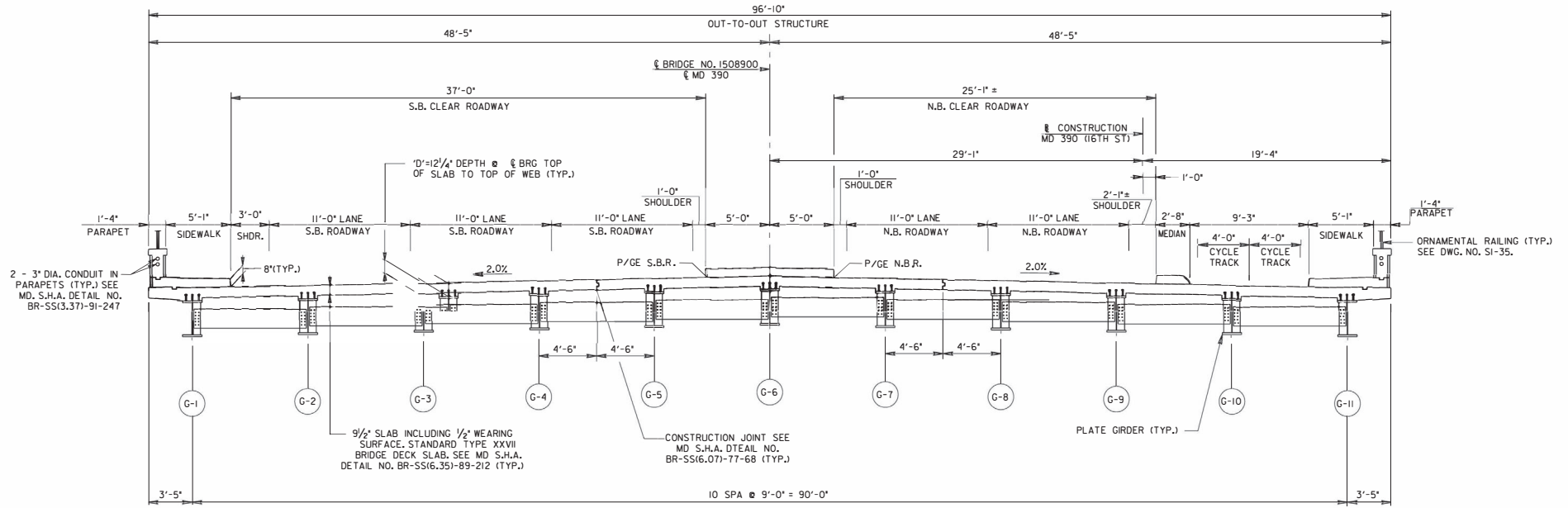
**PROPOSED**  
SCALE: 1/4" = 1'-0"

- \* LIMIT OF DECK REMOVAL
- \*\* TEMPORARY TRAFFIC BARRIER
- PROPOSED MEDIAN

CONTRACTOR SHALL NOT BOLT  
TEMPORARY TRAFFIC BARRIER  
THROUGH THE DECK.

REVISIONS		OFFICE OF STRUCTURES	
		<b>MDOT</b> MARYLAND DEPARTMENT OF TRANSPORTATION	
		STATE HIGHWAY ADMINISTRATION	
		ON BRIDGE NO. 1508900 ON MD 390 (16TH STREET) OVER CSX RAILROAD	
CONSTR. & PROPOSED CROSS SECTION VIEW			
SCALE	AS SHOWN	DATE	AUGUST 2025
DESIGNED BY	BJ	CONTRACT NO.	MC09955388
DRAWN BY	BJ	<b>TENTATIVE</b> OFFICE OF STRUCTURES <small>THIS DRAWING IS NOT FOR CONSTRUCTION. IT IS FOR INFORMATION ONLY. ANY CHANGES TO THIS DRAWING SHALL BE MADE BY THE DESIGNER. CONTACT THE DESIGNER FOR ANY CHANGES.</small>	
CHECKED BY	TB		
DRAWING NO.	S1 - 05	OF	07
		SHEET NO.	OF 107

BY: SUBSERVICES



TYPICAL SECTION  
SCALE: 1/4" = 1'-0"

BY: SUSERNAMES

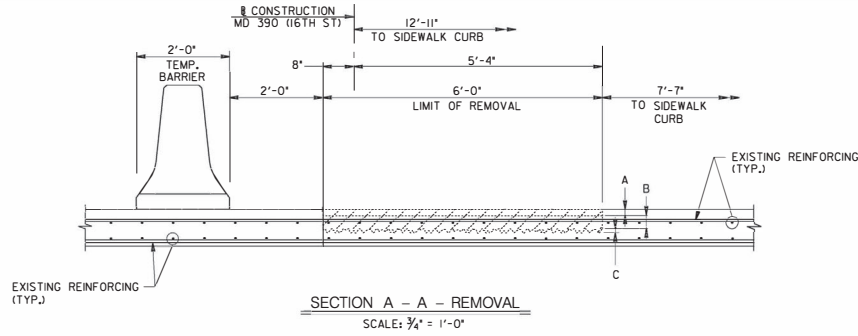
REVISIONS    	OFFICE OF STRUCTURES <b>MDOT</b> MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION		OFFICE OF STRUCTURES ADDING RAISED MEDIAN ON BRIDGE NO. 1508900 ON MD 390 (16TH STREET) OVER CSX RAILROAD			
	<b>TYPICAL SECTION</b>					
	SCALE	AS SHOWN	DATE	AUGUST 2025	CONTRACT NO.	MC69655388
	DESIGNED BY	_BJ_	DRAWN BY	_BJ_	CHECKED BY	_TB_
DRAWING NO. SI - 09		OF 07		SHEET NO. OF 107		

PLOTTED: 08/05/2025

STRUCTURE INVENTORY NO.

SURVEY BOOK NO.

PLOTTED: 08/05/2025  
FILE: 1508900



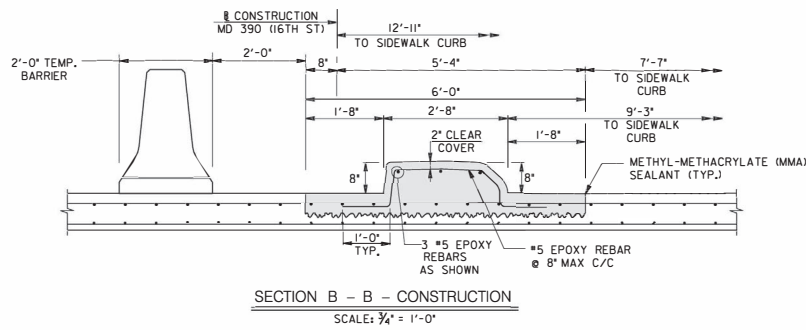
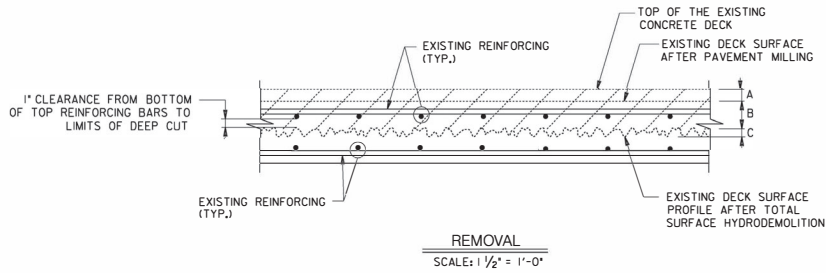
CONTRACTOR SHALL NOT BOLT TEMPORARY TRAFFIC BARRIER THROUGH THE DECK.

ITEM KEY:

- A - 1/2" LIMIT OF DEFINED REMOVAL (MECHANICAL OR HYDRO) FOR REMOVAL OF PORTIONS OF EXISTING CONCRETE DECK ITEM (SEE NOTES 5 AND 6)
- B - 3/4" LIMITS OF DEEP CUT HYDRODEMOLITION REMOVAL TO 1" BELOW TO BOTTOM OF TOP REINFORCING BAR FOR REMOVAL PORTIONS OF EXISTING CONCRETE DECK ITEM
- C - 1" AMPLITUDE BELOW DEEP CUT REMOVAL FROM ITEM B FOR REMOVAL OF PORTIONS OF EXISTING CONCRETE DECK ITEM (SEE NOTE 6)

EXISTING OVERLAY REMOVAL NOTES:

1. ONLY LIMITED EQUIPMENT AND MATERIALS WILL BE PERMITTED ONTO THE BRIDGE DECK AFTER HYDRO DEMOLITION OPERATIONS BEGIN, REFER TO 426.03.03. THE CONTRACTOR SHALL BE PREPARED TO MOBILIZE VACUUM TRUCKS, CONCRETE TRUCKS, AND OTHER EQUIPMENT AS NECESSARY IN THE ADJACENT TRAVEL LANE, SUBJECT TO THE LANE CLOSURE RESTRICTIONS INCLUDED IN THE SPECIAL PROVISIONS.
2. EQUIPMENT WILL NOT BE PERMITTED ONTO AREAS OF DEEP CUT HYDRODEMOLITION FOR THE AREAS OF MODIFIED MIX NO. 6 OVERLAY OR AREAS WHERE EXISTING REINFORCING STEEL IS UNSUPPORTED AND DECK REPAIRS ARE REQUIRED IN PREPARATION OF PLACING THE OVERLAY.
3. FOR THE DURATION OF THE PROJECT, APPROACH DRAINAGE INLETS ARE TO BE KEPT FREE OF DEBRIS, AS A LAST ORDER OF WORK, THE CONTRACTOR SHALL INSPECT ALL INLETS AND WHERE REQUIRED, REMOVE ANY AND ALL ACCUMULATED MATERIAL, SEE SPECIAL PROVISIONS.
4. CONCRETE BRIDGE DECK DEPTH TO BE REMOVED BY A COMBINATION OF MECHANICAL TYPE REMOVAL AND BY THE HIGH PRESSURE WATER JET METHOD OF REMOVAL. TOTAL REMOVAL LIMITS SHALL BE AS SHOWN IN THE DETAILS ON THIS SHEET.
5. MECHANICAL MILLING OF THE EXISTING LMC OVERLAY SHALL BE PERFORMED TO REMOVE THE OVERLAY AND A PORTION OF THE EXISTING BRIDGE DECK IN PREPARATION FOR HYDRODEMOLITION.
6. HYDRODEMOLITION OF THE EXISTING DECK SHALL BE PERFORMED FOR ALL MILLED AREAS. HYDRODEMOLITION SHALL BE PERFORMED AS REQUIRED IN 426.03.02(1)(2), UNLESS OTHERWISE PERMITTED OR SPECIFIED BY THE ENGINEER.
7. ALL SHRINKAGE CRACKS AND LONGITUDINAL AND TRANSVERSE CONSTRUCTION JOINTS BETWEEN MODIFIED MIX NO. 6 CONCRETE OVERLAY PLACEMENTS SHALL BE FILLED WITH A HIGH MOLECULAR WEIGHT METHACRYLATE (HMMW), REFER TO 426.03.07 FOR ADDITIONAL INFORMATION.
8. ALL WORK SHALL BE IN CONFORMANCE WITH SECTION 426.



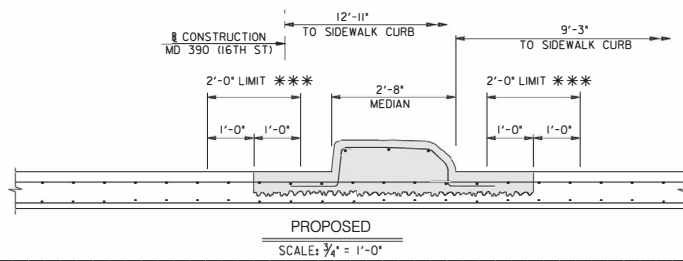
NOTES:

DURING THE DECK REMOVAL OPERATION, THE CONTRACTOR SHALL PLACE A VERTICAL SAW CUT AT THE LIMIT OF REMOVAL IN A MANNER AS TO MAINTAIN A VERTICAL SURFACE ALONG THE LIMITS OF REMOVAL SHOWN. ANY REMOVAL OPERATION THAT CAUSES THE DECK TO SPALL AT AN ANGLE OR GO UNDER THE BARRIER IS PROHIBITED.

WHEN CUTTING THE EXISTING DECK CONCRETE, THE CONTRACTOR SHALL USE EXTRA CAUTION TO AVOID CUTTING EXISTING REBARS.

DURING HYDRODEMOLITION OF THE EXISTING DECK, IF THE EPOXY COATING OF THE EXISTING REINFORCING BARS GOT REMOVED OR CHIPPED, THE CONTRACTOR SHALL REMOVE LOOSE, CHIPPED EPOXY COATING WITH SCRAPER, AND APPLY EPOXY COATING OVER IT. THE COST IS INCIDENTAL TO REMOVAL, AT NO COST TO THE ADMINISTRATION.

TEMPORARY TRAFFIC BARRIER SHALL NOT BE ATTACHED TO THE EXISTING DECK WITH DISRUPTIVE METHOD SUCH AS BOLT THROUGH OR DOWEL BOLTS.



LEGEND:

- LIMITS OF EXISTING CONCRETE OVERLAY AND DECK REMOVAL
- LIMITS OF PROPOSED MODIFIED MIX NO. 6 CONCRETE
- \*\*\* — 2'-0" LIMIT OF METHYL-METHACRYLATE (MMA) SEALANT (TYP.)

<p>REVISIONS</p>		<p>OFFICE OF STRUCTURES</p>
<p>MARYLAND DEPARTMENT OF TRANSPORTATION</p> <p>STATE HIGHWAY ADMINISTRATION</p>		<p>ADDING RAISED MEDIAN</p> <p>ON BRIDGE NO. 1508900</p> <p>ON MD 390 (16TH STREET)</p> <p>OVER CSX RAILROAD</p>
<p><b>REMOVAL &amp; CONSTRUCTION DETAILS</b></p>		
<p>SCALE: AS SHOWN</p>	<p>DATE: AUGUST 2025</p>	<p>CONTRACT NO.: M09965188</p>
<p>DESIGNED BY: BJ</p> <p>DRAWN BY: BJ</p> <p>CHECKED BY: TB</p>	<p><b>TENTATIVE</b></p> <p>OFFICE OF STRUCTURES</p> <p>100 EAST FREDERICK STREET, 15TH FLOOR</p> <p>BALTIMORE, MD 21202</p> <p>TEL: 410-541-2000</p> <p>FAX: 410-541-2001</p> <p>WWW.MDOT.GOV</p>	
<p>DRAWING NO. S1-07-07</p>	<p>OF 07</p>	<p>SHEET NO. OF 107</p>

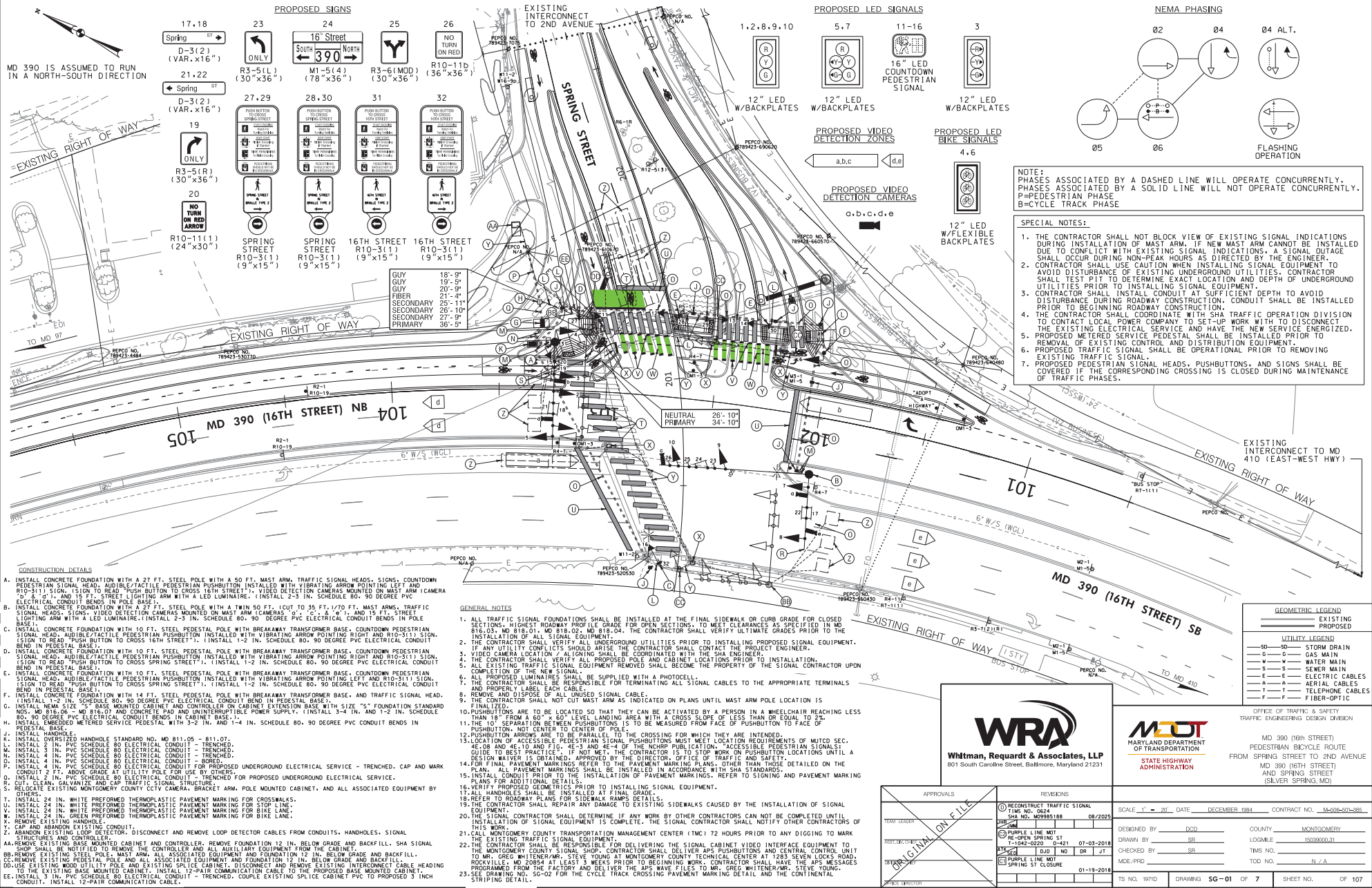
BY: SUBSERNAME

PLOTTED: 08/01/2025

STRUCTURE INVENTORY NO.

SURVEY BOOK NO.

PLOTTED: 08/01/2025



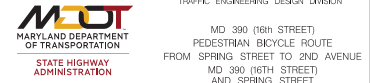
- CONSTRUCTION DETAILS**
- A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R10-5(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS 16TH STREET"). VIDEO DETECTION CAMERAS MOUNTED ON MAST ARM (CAMERA "D" 6' 0" TALL, AND 16 FT. STREET LIGHTING ARM WITH A LED LUMINAIRE. (INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
  - B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A TWIN 50 FT. (CU) TO 35 FT. 1/20 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS MOUNTED ON MAST ARM (CAMERA "C" 6' 0" TALL, AND 15 FT. STREET LIGHTING ARM WITH A LED LUMINAIRE. (INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
  - C. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY TRANSFORMER BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT AND R10-5(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS 16TH STREET"). (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
  - D. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY TRANSFORMER BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R10-5(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS SPRING STREET"). (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
  - E. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY TRANSFORMER BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R10-5(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS SPRING STREET"). (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
  - F. INSTALL CONCRETE FOUNDATION WITH 14 FT. STEEL PEDESTAL POLE WITH BREAKAWAY TRANSFORMER BASE, AND TRAFFIC SIGNAL HEAD. (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
  - G. INSTALL NEW SIZE "5" BASE MOUNTED CABINET AND CONTROLLER ON CABINET EXTENSION BASE WITH SIZE "5" FOUNDATION STANDARD NPS, MD 816/10" - MD 816/10" AND CONCRETE PAD AND UNINTERRUPTIBLE POWER SUPPLY. (INSTALL 3-4 IN. AND 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN CABINET BASE).
  - H. INSTALL EMBEDDED METEDED SERVICE PEDESTAL WITH 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS IN PEDESTAL BASE.
  - I. INSTALL HANDHOLE.
  - J. INSTALL OVERSIZED HANDHOLE STANDARD NO. MD 811.05 - 811.07.
  - K. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - L. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - M. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - N. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - O. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE - TRENCHED, CAP AND MARK CONDUIT 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY OTHERS.
  - P. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.
  - Q. CUT, CLEAN, SALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
  - R. RELOCATE EXISTING MONTGOMERY COUNTY CCTV CAMERA, BRACKET ARM, POLE MOUNTED CABINET, AND ALL ASSOCIATED EQUIPMENT BY OTHERS.
  - T. INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS.
  - U. INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
  - V. INSTALL 24 IN. GREEN PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR BIKE LANE.
  - X. REMOVE EXISTING MONTGOMERY COUNTY CCTV CAMERA, BRACKET ARM, POLE MOUNTED CABINET, AND ALL ASSOCIATED EQUIPMENT BY OTHERS.
  - Z. CAP AND ABANDON EXISTING CONDUIT.
  - AA. REMOVE EXISTING LOOP DETECTOR, DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES, AND CONTROLLER.
  - BB. REMOVE EXISTING BASE MOUNTED CABINET AND CONTROLLER. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL. SHA SIGNAL SHIP SHALL BE NOTIFIED TO REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CABINET.
  - CC. REMOVE EXISTING STEEL POLE, MAST ARM, ALL ASSOCIATED EQUIPMENT AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
  - DD. REMOVE EXISTING PEDESTAL POLE AND ALL ASSOCIATED EQUIPMENT AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
  - EE. USE EXISTING WOOD UTILITY POLE AND EXISTING SPICE CABINET. DISCONNECT AND REMOVE EXISTING INTERCONNECT CABLE LEADING TO THE EXISTING BASE MOUNTED CABINET. INSTALL 12-PAIR COMMUNICATION CABLE TO THE PROPOSED BASE MOUNTED CABINET.
  - FF. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. COUPLE EXISTING SPICE CABINET POLE TO PROPOSED 3 INCH CONDUIT. INSTALL 12-PAIR COMMUNICATION CABLE.

- GENERAL NOTES**
1. 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 MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
  2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
  3. VIDEO CAMERA LOCATION, ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
  4. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
  5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
  6. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
  7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
  8. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
  9. THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.
  10. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
  11. REFER TO ROADWAY PLANS FOR SIDEWALK RAMP DETAILS.
  12. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
  13. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.08 AND 4E.10 AND FIG. 4E-3 AND 4E-4 OF THE MUTCD PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICES". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
  14. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILLED ON THE PLANS. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.
  15. INSTALL CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL DETAILS.
  16. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
  17. ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
  18. REFER TO ROADWAY PLANS FOR SIDEWALK RAMP DETAILS.
  19. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
  20. THE SIGNAL CONTRACTOR SHALL DETERMINE IF ANY WORK BY OTHER CONTRACTORS CAN NOT BE COMPLETED UNTIL INSTALLATION OF SIGNAL EQUIPMENT IS COMPLETE. THE SIGNAL CONTRACTOR SHALL NOTIFY OTHER CONTRACTORS OF THIS WORK.
  21. THE MONTGOMERY COUNTY TRANSPORTATION MANAGEMENT CENTER (TMC) 72 HOURS PRIOR TO ANY DIGGING TO MARK THE EXISTING TRAFFIC SIGNAL EQUIPMENT.
  22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERING THE SIGNAL CABINET VIDEO INTERFACE EQUIPMENT TO THE MONTGOMERY COUNTY SIGNAL SHOP. CONTRACTOR SHALL DELIVER APS PUSHBUTTONS AND CENTRAL CONTROL UNIT TO MR. GREG WHITMAN, STATE HIGHWAY ADMINISTRATION CENTER AT 1283 SEVEN LOCKS ROAD, ROCKVILLE, MD 20854 AT LEAST 3 WEEKS PRIOR TO BEGINNING WORK. CONTRACTOR SHALL HAVE THE APS MESSAGES PROGRAMMED AND THE APS MESSAGES FILE TO MR. GREG WHITMAN, STATE HIGHWAY ADMINISTRATION CENTER.
  23. SEE DRAWING NO. SG-02 FOR THE CYCLE TRACK CROSSING PAVEMENT MARKING DETAIL AND THE CONTINENTAL STRIPING DETAIL.

**NOTE:**  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.  
P=PEDESTRIAN PHASE  
B=CYCLE TRACK PHASE

**SPECIAL NOTES:**

1. THE CONTRACTOR SHALL NOT BLOCK VIEW OF EXISTING SIGNAL INDICATIONS DURING INSTALLATION OF MAST ARM. IF NEW MAST ARM CANNOT BE INSTALLED DUE TO CONFLICT WITH EXISTING SIGNAL INDICATIONS, A SIGNAL OUTAGE SHALL OCCUR DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.
2. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.
3. CONTRACTOR SHALL INSTALL CONDUIT AT SUFFICIENT DEPTH TO AVOID DISTURBANCE DURING ROADWAY CONSTRUCTION. CONDUIT SHALL BE INSTALLED PRIOR TO BEGINNING ROADWAY CONSTRUCTION.
4. THE CONTRACTOR SHALL COORDINATE WITH SHA TRAFFIC OPERATION DIVISION TO CONTACT LOCAL POWER COMPANY TO SET-UP WORK WITH TO DISCONNECT THE EXISTING ELECTRICAL SERVICE AND HAVE THE NEW SERVICE ENERGIZED.
5. PROPOSED METEDED SERVICE PEDESTAL SHALL BE INSTALLED PRIOR TO REMOVAL OF EXISTING CONTROL AND DISTRIBUTION EQUIPMENT.
6. PROPOSED TRAFFIC SIGNAL SHALL BE OPERATIONAL PRIOR TO REMOVING EXISTING TRAFFIC SIGNAL.
7. PROPOSED PEDESTRIAN SIGNAL HEADS, PUSHBUTTONS, AND SIGNS SHALL BE COVERED IF THE CORRESPONDING CROSSING IS CLOSED DURING MAINTENANCE OF TRAFFIC PHASES.



	<b>APPROVALS</b>		<b>REVISIONS</b>	
	DATE	BY	NO.	DESCRIPTION
	08/20/2015	SR	01	RECONSTRUCT TRAFFIC SIGNAL
DESIGNED BY: DCD COUNTY: MONTGOMERY DRAWN BY: SR LOGSHEET: 1503000031 CHECKED BY: SR TWS NO.: MDE/PPD TOD NO.: N/A		SCALE: 1" = 20' DATE: DECEMBER 1984 CONTRACT NO.: 3A-000501-380 PROJECT: MD 390 (16TH STREET) PEDESTRIAN BIKE/CYCLE ROUTE FROM SPRING STREET TO 2ND AVENUE DRAWING NO.: MD 390 (16TH STREET) AND SPRING STREET (SILVER SPRING, MD)		
TS NO.: 167D DRAWING: SG-01 OF 7 SHEET NO.: OF 107				

PL017ED 8/20/2015  
R16: c:\pwworkspace\whitmanreardon.com\p017ed\820000\m017ed\MD 390 - Proposed Two-Way Cycle Track\T&E\CAD\DWG\A052-P01\_SigNo\_Shop.dwg







**I. GENERAL PROJECT DESCRIPTION**

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 390 (16TH STREET) AND WOODSIDE STATION, IN MONTGOMERY COUNTY. THE WORK INVOLVES THE INSTALLATION OF BICYCLE SIGNAL HEADS AND APS/CPS FOR CROSSING THE EAST LEG (WOODSIDE STATION ENTRANCE). MD 390 (16TH STREET) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

**II. INTERSECTION OPERATION**  
 1. THE INTERSECTION WILL OPERATE IN A NEMA THREE (3) PHASE, SEMI-ACTUATED MODE. MD 390 NORTHBOUND AND SOUTHBOUND WILL OPERATE CONCURRENTLY ALONG WITH THE EAST LEG BIKE & PEDESTRIAN PHASES. AN ALTERNATE PEDESTRIAN PHASE IS PROVIDED FOR THE NORTH LEG OF THE INTERSECTION. THE WOODSIDE STATION ENTRANCE WILL REMAIN CLOSED TO VEHICULAR TRAFFIC.

**III. TYPICAL MESSAGES FOR ACCESSIBLE PED SIGNALS**

**TO CROSS MD 390 (16TH STREET)**  
 1. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON MESSAGE WILL BE: "WAIT TO CROSS 16TH AT WOODSIDE, WAIT."  
 2. WHEN WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE.

**TO CROSS WOODSIDE STATION**  
 1. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON MESSAGE WILL BE: "WAIT TO CROSS WOODSIDE AT 16TH, WAIT."  
 2. WHEN WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE.

**IV. SPECIAL NOTES**

- LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MD MUTCD CHAPTER 4E, "PEDESTRIAN CONTROL FEATURES" AND FIGURES 4E-3 AND 4E-4, AND THE LATEST NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
- PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
- THE 10" SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER OF POLE TO CENTER OF POLE.
- PUSHBUTTON ARROWS AND SIGNS ARE TO BE ORIENTED PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
- PUSHBUTTONS ARE TO BE MOUNTED AT A HEIGHT OF 42".

**EQUIPMENT LIST**

- A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION:
- | CAT CODE | QUANTITY | DESCRIPTION   |
|----------|----------|---|
| 973025   | 2 SF     | SHEET ALUMINUM MAST ARM/POLE MOUNTED SIGN<br>2 EA R10-3(1) (9" x 15") |
- B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR:
- | CAT CODE | QUANTITY | DESCRIPTION   |
|----------|----------|---|
| 203030   | 1 CY     | TEST PIT EXCAVATION   |
| 449617   | 126 LF   | 24 INCH GREEN PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES  |
| 449617   | 126 LF   | 24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES  |
| 802901   | 200 LF   | NO. 6 AWG STRANDED BARE COPPER GROUND WIRE  |
| 802918   | 80 LF    | 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED  |
| 802925   | 80 LF    | 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED   |
| 811001   | 5 EA     | FURNISH AND INSTALL ELECTRICAL HANDLE   |
| 811003   | 1 EA     | 10 FOOT OVERHEAD SIGN   |
| 818023   | 16 SF    | RELOCATE EXISTING GROUND MOUNTED SIGNS  |
| 818105   | 1 EA     | 10 FOOT BROWBAR PEDESTAL POLE   |
| 837001   | 1 EA     | PEDESTAL TRANSFORMER (LARGER THAN 10 FEET) WITH GROUND ROD 1/4 INCH DIAMETER X 10 FOOT LENGTH                     |
| 860284   | 1 EA     | 12 INCH LED BIKE TRAFFIC SIGNAL HEAD SECTION  |
| 860285   | 1 EA     | 16 INCH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD  |
| 861105   | 1 EA     | SIGNAL HEAD BACK PLATE, ANY SIZE  |
| 861105   | 800 LF   | ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)   |
| 863010   | 1410 LF  | ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)   |
| 863010   | 1 EA     | ADD ELECTRICAL PEDESTRIAN PUSHBUTTON STATION AND SIGNS  |
| 873002   | 1 EA     | REMOVE AND DISPOSE OF EXISTING SIGNAL EQUIPMENT   |
| 800000   | 1 EA     | RELOCATE EXISTING PEDESTAL POLE PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN WITH NEW FOUNDATION AND BREAKWAY BASE |
- C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA: NONE.

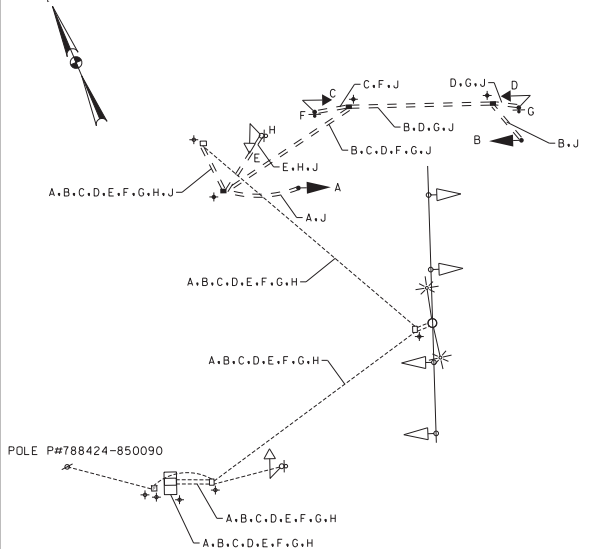
**PROJECT CONTACT LIST**

- DISTRICT 3**  
 MR. DEREK GUNN  
 DISTRICT ENGINEER  
 301-513-7498
- SHA OFFICE OF TRAFFIC AND SAFETY**  
 MR. KIMON JOHNSON  
 DIVISION CHIEF, TRAFFIC OPERATIONS  
 410-787-7630
- VACANT (MONTGOMERY COUNTY)**  
 ASSISTANT DISTRICT ENGINEER - TRAFFIC  
 301-513-7315
- MR. ANTOINE YATES**  
 ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS  
 410-787-7645
- MR. GREGORY EDWARDS (MONTGOMERY COUNTY)**  
 ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
 301-513-7304
- MR. MICHAEL BASSO**  
 SECTION CHIEF, SIGNAL OPERATIONS SECTION  
 410-787-7650
- MR. MARK LOEFFLER**  
 DISTRICT UTILITY ENGINEER  
 301-513-7350
- MR. DAVID (TODD) JONES**  
 SECTION CHIEF, SIGN OPERATIONS SECTION  
 410-787-7674
- MR. JOHN GOVER (FIELD)**  
 ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
 301-513-7336
- MR. MICHAEL BOYLE**  
 SECTION CHIEF, INVENTORY AND PROCUREMENT  
 410-787-7673

**PHASE CHART**

	1	2	3	4	5	6	7	8	9	10
PHASE 2 AND 6	G	G	G	G	G	G	WK	WK	DW	DW
PED CLEARANCE	G	G	G	G	G	G	FL/DW	FL/DW	DW	DW
PHASE 2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
PHASE 4 ALT.	R	R	R	R	R	R	DW	DW	WK	WK
PED CLEARANCE	R	R	R	R	R	R	DW	DW	FL/DW	FL/DW
PHASE 4 ALT. CHANGE	R	R	R	R	R	R	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	DARK	DARK	DARK	DARK

**WIRING DIAGRAM**



- KEY**
- F, G, H } 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
  - F, G, H } 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
  - J } STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
  - +
  - +



OFFICE OF TRAFFIC & SAFETY  
 TRAFFIC ENGINEERING DESIGN DIVISION

**MDOT**  
 MARYLAND DEPARTMENT OF TRANSPORTATION

MD 390 (16TH STREET)  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE

STATE HIGHWAY ADMINISTRATION

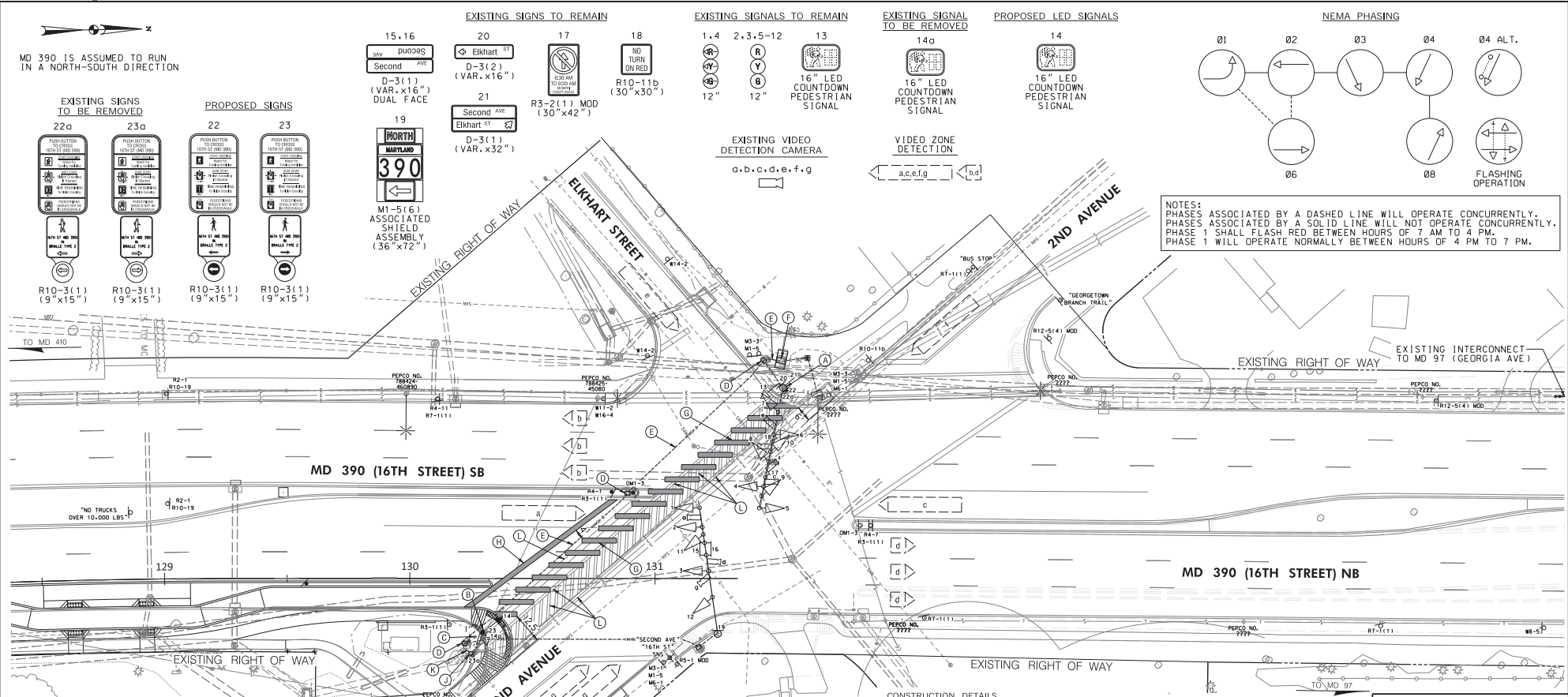
**GENERAL INFORMATION SHEET**

SCALE: N.T.S. ADVERTISED DATE: AUG 2024 CONTRACT NO.: M02985588

DESIGNED BY: P.WESTCOTT COUNTY: MONTGOMERY  
 DRAWN BY: K.THEO LOG/MILE: 15039000.45  
 CHECKED BY: M.SHEL TIMS NO.: 0824  
 MDE/PRD: 24-PR-0034 TOD NO.:

TS NO. 5176A DRAWING SG-05 OF 07 SHEET NO. OF 107

BY: Phil Westcott



**EXISTING SIGNS TO REMAIN**

- 15+16: Second Ave (D-3(1) (VAR. x16") DUAL FACE)
- 20: Elkhart St (D-3(2) (VAR. x16"))
- 17: No Turn on Red (R10-11b (30"x30"))
- 18: No Turn on Red (R10-11b (30"x30"))
- 1.4, 2.3, 5-12: Yield (R12-5(4) MOD (30"x42"))
- 13: 16" LED Countdown Pedestrian Signal
- 14a: 16" LED Countdown Pedestrian Signal
- 14: 16" LED Countdown Pedestrian Signal

**EXISTING SIGNALS TO BE REMOVED**

- 14c: 16" LED Countdown Pedestrian Signal
- 14: 16" LED Countdown Pedestrian Signal

**PROPOSED LED SIGNALS**

- 14: 16" LED Countdown Pedestrian Signal

**NEMA PHASING**

- 01, 02, 03, 04, 04 ALT., 06, 08, FLASHING OPERATION

**EXISTING VIDEO DETECTION CAMERA**

- a, b, c, d, e, f, g

**VIDEO ZONE DETECTION**

- a, c, e, f, g
- b, d

**NOTES:**  
 PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
 PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.  
 PHASE 1 SHALL FLASH RED BETWEEN HOURS OF 7 AM TO 4 PM.  
 PHASE 1 WILL OPERATE NORMALLY BETWEEN HOURS OF 4 PM TO 7 PM.

- GENERAL NOTES**
1. 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 MD 816.03, MD 818.01, MD 818.02, MD 818.04, MD 818.04, THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
  2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
  3. THE CONTRACTOR SHALL VERIFY PROPOSED POLE LOCATION PRIOR TO INSTALLATION.
  4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
  5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
  6. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
  7. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" x 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
  8. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
  9. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
  10. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.08 AND 4E.10 AND FIG. 4E-3 AND 4E-4 OF THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
  11. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.
  12. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
  13. REFER TO ROADWAY PLANS FOR SIDEWALK RAMPS DETAILS.
  14. CALL MONTGOMERY COUNTY TRANSPORTATION MANAGEMENT CENTER (TMC) 72 HOURS PRIOR TO ANY DIGGING TO MARK THE EXISTING TRAFFIC SIGNAL EQUIPMENT.
  15. THE CONTRACTOR SHALL DELIVER APS PUSHBUTTON AND CENTRAL CONTROL UNIT TO MR. GREG WHITENER/MR. STEVE YOUNG AT MONTGOMERY COUNTY TECHNICAL CENTER AT 1283 SEVEN LOOKS ROAD, ROCKVILLE, MD 20854 AT LEAST 5 WEEKS PRIOR TO BEGINNING WORK. CONTRACTOR SHALL HAVE THE APS MESSAGE PROGRAMMED FROM THE FACTORY AND DELIVER THE APS WAVE FILES TO MR. GREG WHITENER/MR. STEVE YOUNG.
  16. SEE DRAWING NO. SG-07 FOR CONTINENTAL STRIPING DETAILS.

- SPECIAL NOTES:**
1. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.
  2. DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING SIGNAL HEADS TO BE REMOVED AND RE-CONNECT TO PROPOSED SIGNAL HEADS. ANY SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.
  3. CONTRACTOR SHALL INSTALL CONDUIT AT SUFFICIENT DEPTH TO AVOID DISTURBANCE DURING ROADWAY CONSTRUCTION. CONDUIT SHALL BE INSTALLED PRIOR TO BEGINNING ROADWAY CONSTRUCTION.
  4. PROPOSED MD 97 CYCLE TRACK CONSTRUCTION SHOWN DASHED AND SCREENED FOR REFERENCE PURPOSES ONLY.

- CONSTRUCTION DETAILS**
- A. USE EXISTING STEEL POLE. REMOVE EXISTING PUSHBUTTON AND SIGN AND INSTALL AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS 16TH STREET (MD 390)").
  - B. INSTALL CONCRETE FOUNDATION WITH 14 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE. COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT AND R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS 16TH STREET"). (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE)
  - C. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - D. USE EXISTING HANDLE.
  - E. USE EXISTING CONDUIT.
  - F. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. REMOVE EXISTING CENTRAL CONTROL UNIT AND INSTALL APS 2-WIRE CENTRAL CONTROL UNIT.
  - G. INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS.
  - H. INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
  - J. REMOVE EXISTING PEDESTAL POLE AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
  - K. CAP AND ABANDON EXISTING CONDUIT.
  - L. REMOVE EXISTING PAVEMENT MARKING LINE.

<p><b>GEOMETRIC LEGEND</b></p> <p>— EXISTING                  --- PROPOSED</p> <p><b>UTILITY LEGEND</b></p> <p>— SD — STORM DRAIN                  — G — GAS MAIN                  — W — WATER MAIN                  — S — SEWER MAIN                  — E — ELECTRIC CABLES                  — A — AERIAL CABLES                  — T — TELEPHONE CABLES                  — F — FIBER-OPTIC</p>		<p><b>APPROVALS</b></p> <p>DATE: 08/22/25</p> <p>DESIGNED BY: [Signature]</p> <p>CHECKED BY: [Signature]</p> <p>DATE: 08/22/25</p>	<p><b>REVISIONS</b></p> <p>1. PEDESTRIAN SIGNAL MODIFICATION FOR MD 390 NB CYCLE TRACK TRAC SIGN SHA NO. M09985188 08/22/25</p> <p>2. SIGNAL RECONSTRUCT WITH APS/PCS AND NEW PHASING FOR MD 390 SHA ACCESSIBLE TIME MISC 1-15-2014</p> <p>3. RELOCATED LOOP IN NORTHWEST QUADRANT 9-29-1972</p>
<p><b>TRAFFIC SIGNALIZATION PLAN</b></p> <p>SCALE: 1" = 20' DATE: N/A CONTRACT NO. M09985188</p> <p>DESIGNED BY: COUNTY: MONTGOMERY</p> <p>DRAWN BY: LOGVILLE: 15090000.B5</p> <p>CHECKED BY: TWS NO.: N/A</p> <p>MDE/PPD: TOD NO.:</p>		<p>TS NO. 2276 DRAWING SG-06 OF 7 SHEET NO. OF 107</p>	



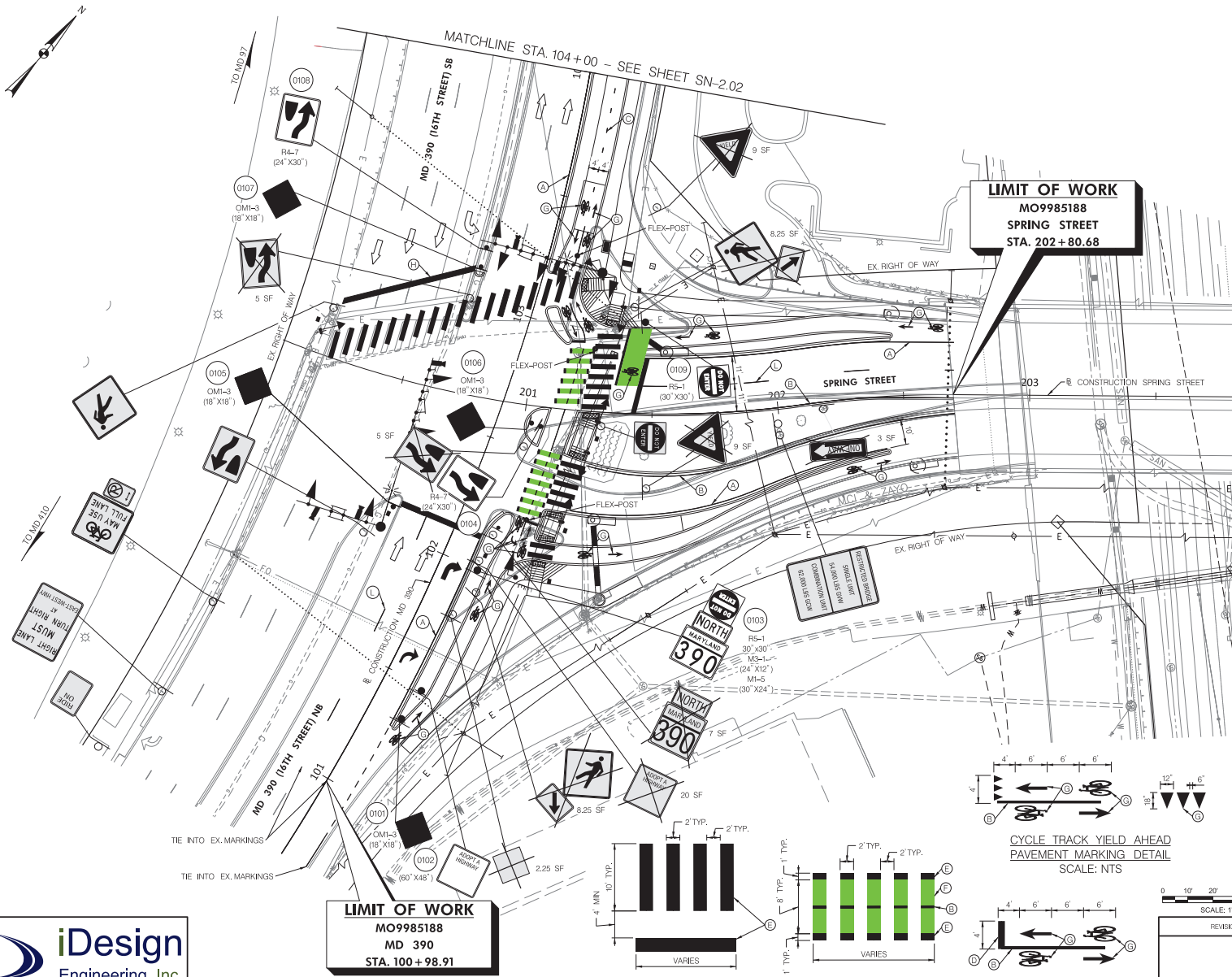
OFFICE OF TRAFFIC & SAFETY  
 TRAFFIC ENGINEERING DESIGN DIVISION

MD 390 (16th Street)  
 PEDESTRIAN BICYCLE ROUTE  
 FROM SPRING STREET TO 2ND AVENUE  
 MD 390 (16th Street)  
 AND 2ND AVENUE / ELKHART STREET  
 (SILVER SPRING, MD)

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





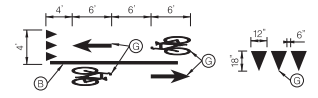


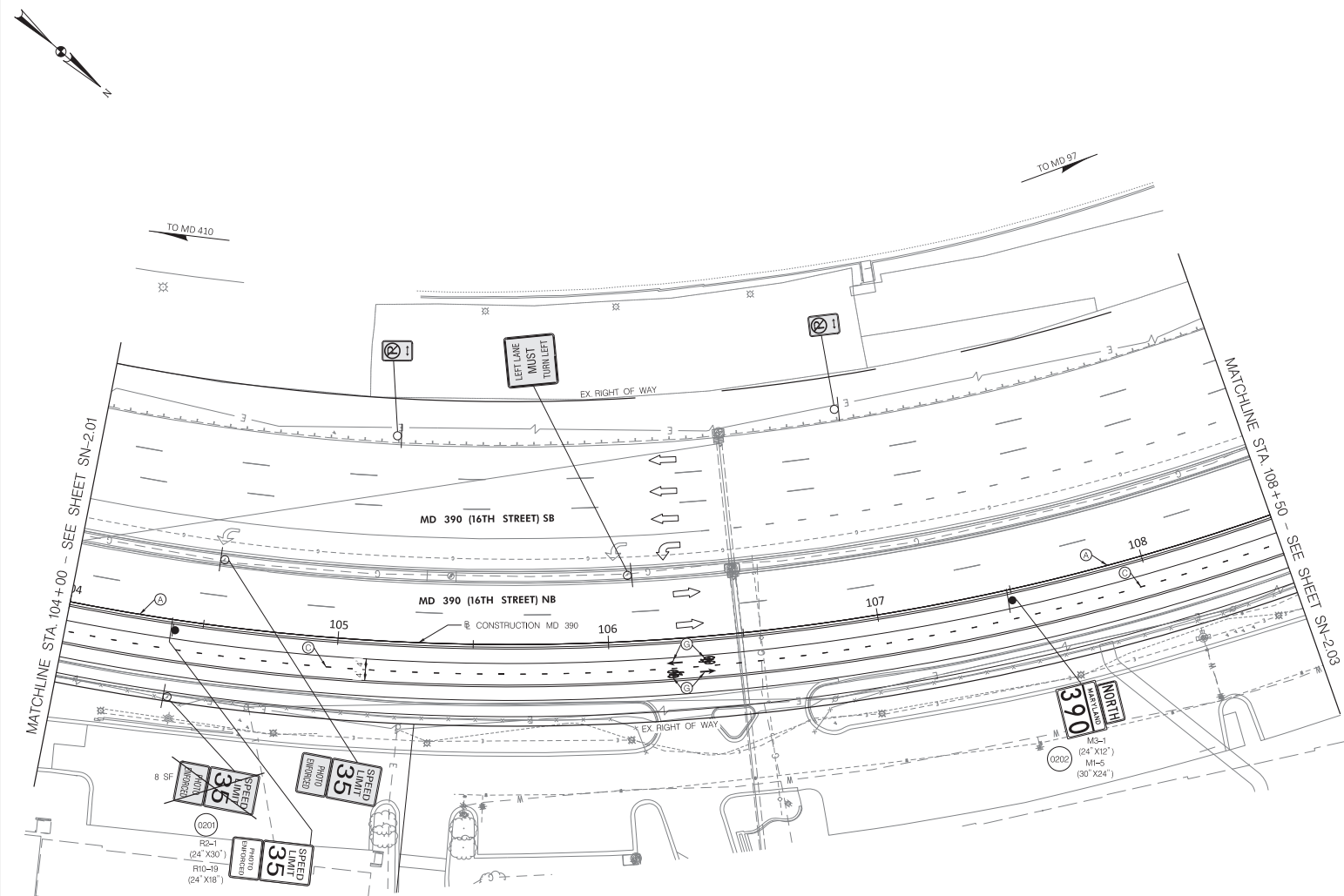
- GENERAL NOTES:**
- THE FOLLOWING TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATIONS (TTCTA) ARE SUGGESTED FOR THE WORK SHOWN ON THIS PLAN: MD 104.04-01, MD 104.04-03, MD 104.04-05, MD 104.04-7, MD 104.04-13, MD 104.04-15, AND 104.04-20
  - SEE TRAFFIC SIGNALIZATION PLANS FOR CROSSWALK AND STOP LINE PAVEMENT MARKING INSTALLATION DETAILS AT SIGNALIZED INTERSECTIONS.
  - UNLESS OTHERWISE SHOWN R4-7 KEEP RIGHT (SYMBOL) SIGNS SHALL BE INSTALLED AT 15 DEGREE ANGLE WITH LINE OF MAJOR STREET TRAFFIC TO BE MORE VISIBLE TO LEFT-TURNING MOTORISTS FROM SIDE STREET ENTRANCES AND SETBACK FROM MEDIAN OF 10 FT.
  - OBJECT MARKER SIGNS SHALL BE MOUNTED A MINIMUM OF 4'-0" FROM BOTTOM OF SIGN TO TOP OF THE ROADWAY, REGARDLESS OF WHETHER INDEPENDENTLY MOUNTED OR MOUNTED WITH OTHER SIGNS ON THE SAME SUPPORT(S).

**SIGN LEGEND**

	PROPOSED SIGN
	EXISTING SIGN AND SUPPORT TO REMAIN
	EXISTING SIGN TO BE REMOVED
	EXISTING SIGN TO BE REMOVED BY PURPLE LINE PROJECT
	PROPOSED GROUND MOUNTED SIGN
	EXISTING GROUND MOUNTED SIGN
	PROPOSED PAVEMENT MARKING ARROWS
	TRAFFIC FLOW ARROW (PROP./EX.)
	SIGN NUMBER
	TYPE III BARRICADE

- PAVEMENT MARKING LEGEND**
- (A) 5" SOLID WHITE THERMOPLASTIC PAVEMENT MARKING LINES
  - (B) 5" SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING LINES
  - (C) 5" DASHED (2" LINE, 6" GAP) YELLOW THERMOPLASTIC MARKING LINES
  - (D) 12" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
  - (E) 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
  - (F) 24" GREEN BIKE LANE PREFORMED THERMOPLASTIC PAVEMENT MARKING
  - (G) PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS PER TRAFFIC SIGNAL PLAN
  - (H) PAVEMENT MARKING LINE FOR STOP LINE OR CROSSWALK
  - (I) REMOVAL OF EXISTING PAVEMENT MARKINGS BY OTHERS
  - (J) RELOCATE EXISTING GROUND MOUNTED SIGN
  - (K) 5" DASHED (10" LINE, 30" GAP) WHITE THERMOPLASTIC MARKING LINES
  - (M) REMOVAL OF EXISTING PAVEMENT MARKINGS

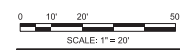




- GENERAL NOTE:**
- THE FOLLOWING TEMPORARY CONTROL TYPICAL APPLICATIONS (TTCTA) ARE SUGGESTED FOR THE WORK SHOWN ON THIS PLAN: MD 104.04-01, MD 104.04-03, MD 104.04-05, MD 104.04-06, MD 104.04-07, MD 104.04-09, MD 104.04-13, 104.04-15, AND 104.04-20
  - REFER TO SHEET SN-2.01 FOR CYCLE TRACK PAVEMENT MARKING DETAILS.

SIGN LEGEND	
	PROPOSED SIGN
	EXISTING SIGN AND SUPPORT TO REMAIN
	EXISTING SIGN TO BE REMOVED
	EXISTING SIGN TO BE REMOVED BY PURPLE LINE PROJECT
	PROPOSED GROUND MOUNTED SIGN
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  - (D) 2" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
  - (E) 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
  - (F) 24" GREEN BIKE LANE PREFORMED THERMOPLASTIC PAVEMENT MARKING
  - (G) PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS
  - (H) PAVEMENT MARKING LINE FOR STOP LINE OR CROSSWALK, PER TRAFFIC SIGNAL PLAN
  - (I) REMOVAL OF EXISTING PAVEMENT MARKINGS BY OTHERS
  - (J) RELOCATE EXISTING GROUND MOUNTED SIGN
  - (K) 5" DASHED (10" LINE, 30" GAP) WHITE THERMOPLASTIC MARKING LINES
  - (M) REMOVAL OF EXISTING PAVEMENT MARKINGS



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STATE HIGHWAY ADMINISTRATION

MD 390 (16TH STREET)  
PEDESTRIAN BICYCLE ROUTE  
FROM SPRING STREET TO 2ND AVENUE

**iDesign**  
Engineering, Inc.

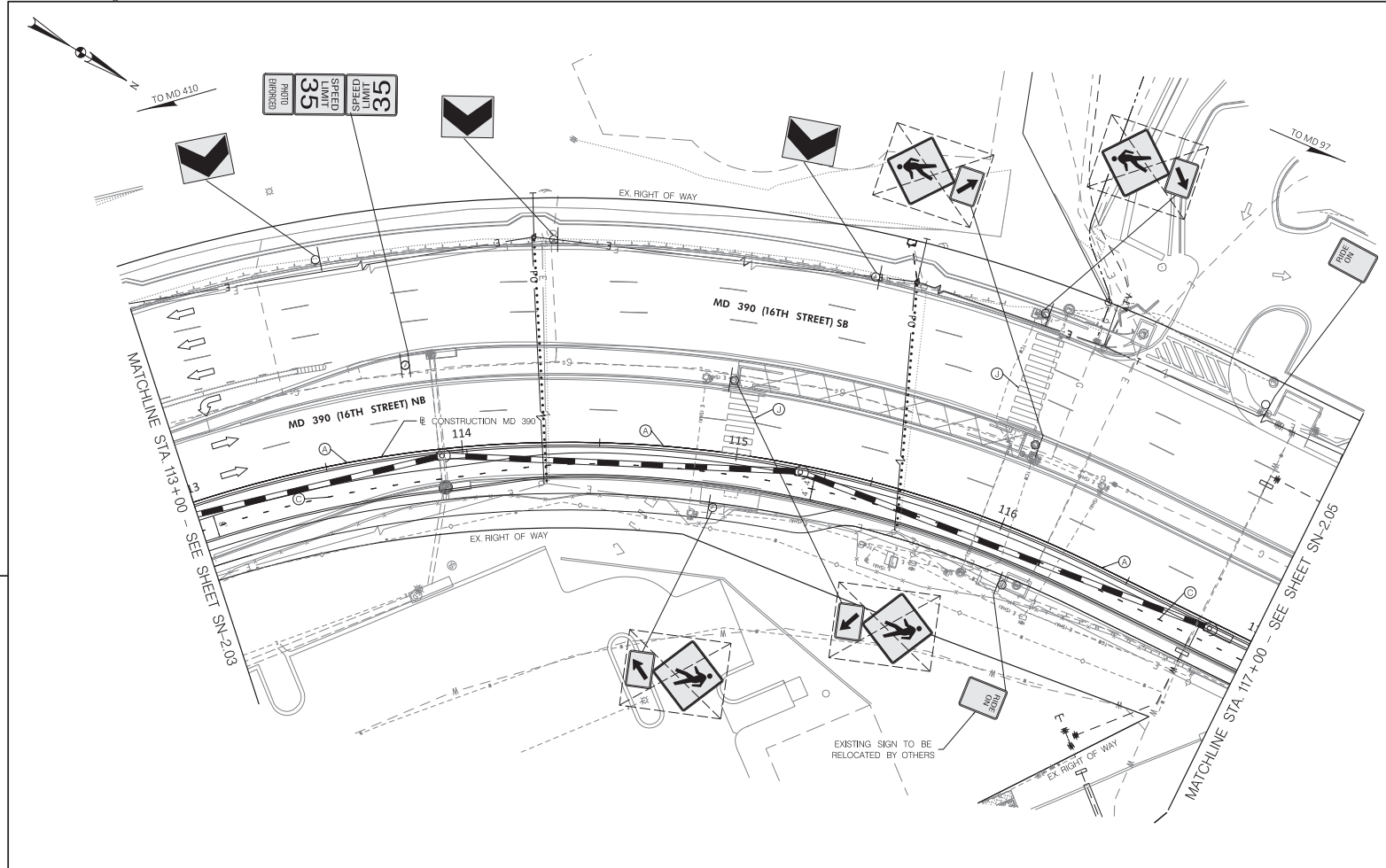
4041 Powder Mill Road  
Suite 204  
Calverton, MD 20705  
Tel: 301-234-6234

SIGNING & PAVEMENT MARKING PLAN	
SCALE: 1" = 20'	ADVERTISED DATE: AUG 2025
CONTRACT NO.:	MC9985588
DESIGNED BY: KZ	COUNTY: MONTGOMERY
DRAWN BY: KZ	LOG/MILE: 15039000.30 to 15039000.85
CHECKED BY: PFW	TWS NO.: 0824
MDE/PRD: 24-PR-0054	TOD NO.:
DRAWING NO.:	<b>SN-2.02</b> OF 7
SHEET NO.:	OF 107

BY: Phil Westcott

PLOTTED: 8/8/2025  
FILE: p:\data\work\hvac\ads\mtd\mtd\mks\3\AEM\822\Documents\Projects\Montgomery\MO390 - MD 390 - Protected Two-Way Cycle Track\T&E\CAD\Drawings\PHI\8\8\25\24-PR-0054\_M0390.dwg



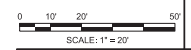


- GENERAL NOTES:**
1. THE FOLLOWING TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATIONS (TTCTA) ARE SUGGESTED FOR THE WORK SHOWN ON THIS PLAN: MD 104.04-01, MD 104.04-03, MD 104.04-05, MD 104.04-7, MD 104.04-8, MD 104.04-13, 104.04-15, AND 104.04-20
  2. SIGNS SHOWN WITH DASHED REMOVAL LINES (SEE LEGEND) WILL BE REMOVED AS PART OF THE PURPLE LINE PROJECT AND WILL NOT BE EXISTING AT THE TIME OF THIS PROPOSED CONSTRUCTION.
  3. CONTRACTOR SHALL COORDINATE WITH WMATA FORCES AT 202-962-6085 FOR RELOCATION OF EXISTING BUS STOP SIGNS.

**SIGN LEGEND**

	PROPOSED SIGN
	EXISTING SIGN AND SUPPORT TO REMAIN
	EXISTING SIGN TO BE REMOVED
	EXISTING SIGN TO BE REMOVED BY PURPLE LINE PROJECT
	PROPOSED GROUND MOUNTED SIGN
	EXISTING GROUND MOUNTED SIGN
	PROPOSED PAVEMENT MARKING ARROWS
	TRAFFIC FLOW ARROW (PROP./EX.)
	SIGN NUMBER
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  - (E) 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
  - (F) 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
  - (G) 24" GREEN BIKE LANE PREFORMED THERMOPLASTIC PAVEMENT MARKING
  - (H) PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS
  - (I) PAVEMENT MARKING LINE FOR STOP LINE OR CROSSWALK, PER TRAFFIC SIGNAL PLAN
  - (J) REMOVAL OF EXISTING PAVEMENT MARKINGS BY OTHERS
  - (K) RELOCATE EXISTING GROUND MOUNTED SIGN
  - (L) 5" DASHED (10" LINE, 30" GAP) WHITE THERMOPLASTIC MARKING LINES
  - (M) REMOVAL OF EXISTING PAVEMENT MARKINGS



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SIGNING & PAVEMENT MARKING PLAN	
SCALE: 1" = 20'	ADVERTISED DATE: AUG 2025
CONTRACT NO.:	MC9985588
DESIGNED BY: KZ	COUNTY: MONTGOMERY
DRAWN BY: KZ	LOGMILE: 1503000.30 to 1503000.85
CHECKED BY: PFW	TWS NO.: 0824
MDE/PRD: 24-PR-0054	TOD NO.:
DRAWING NO.:	<b>SN-2.04</b> OF 7
SHEET NO.:	OF 107

BY: Phil Westcott








SHEET NO.	LOCATION NO.	REMARKS	CODENUMBERS*																			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SN-2.01	0101	OM1-3(18"x18")	2.25	1																		
	0102	"Adopt a Highway" (60"x18")	20	2																		
	0103	M3-1(24"x12"), M1-5(30"x24")	7	1																		
	0104	R4-7 (24"x30")	5	1																		
	0105	OM1-3(18"x18")	2.25	1																		
	0106	OM1-3(18"x18")	2.25	1																		
	0107	OM1-3(18"x18")	2.25	1																		
	0108	R4-7 (24"x30")	5	1																		
		REMOVE EXISTING SIGNS				76.75																
		PAVEMENT MARKINGS					508.25	349.25	10	0	0	50										
SN-2.02	0201	R2-1(24"x30"), R10-19(24"x18")	8	1																		
	0202	M3-1(24"x12"), M1-5(30"x24")	7	1																		
		REMOVE EXISTING SIGNS				8																
		PAVEMENT MARKINGS					455	113.75	0	0	0	20										
SN-2.03	0301	W11-2(30"x30"), W16-7p(24"x12")		1	11																	
	0302	"SPEED CAMERA CORRIDOR"		1	5																	
	0303	R2-1(24"x30"), R10-19(24"x18")	8	1																		
		REMOVE EXISTING SIGNS				16.25																
		PAVEMENT MARKINGS					274	110.75	8	0	0	40										
SN-2.04	401	REMOVE EXISTING SIGNS																				
		PAVEMENT MARKINGS					394	98.5	0	0	0	0										
SN-2.05		PAVEMENT MARKINGS					450	112.5	0	0	0	40										
SN-2.06	0601	W11-2(30"x30"), W16-4(1)(36"x18")	10.75	1																		
	0602	R2-1(24"x30")	5	1																		
		REMOVE EXISTING SIGNS				22																
		PAVEMENT MARKINGS					450	112.5	0	0	0	24.5										
SN-2.07	0701	R7-1(1)(12"x18")	1.5	1																		
	0702	R7-1(1)(12"x18")	1.5	1																		
	0703	R7-1(1)(12"x18")	1.5	1																		
	0704	R4-7 (24"x30")	5	1																		
	0705	OM1-3(18"x18")	2.25	1																		
		REMOVE EXISTING SIGNS				20.5																
		PAVEMENT MARKINGS					438	125.5	0	40	0	80										
<b>TOTAL</b>			<b>96.5</b>	<b>21</b>	<b>16</b>	<b>143.5</b>	<b>2969</b>	<b>1023</b>	<b>18</b>	<b>40</b>	<b>0</b>	<b>254.5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>PROPOSED QUANTITIES</b>			<b>110</b>	<b>21</b>	<b>17</b>	<b>160</b>	<b>3270</b>	<b>1130</b>	<b>20</b>	<b>50</b>	<b>0</b>	<b>280</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

* CODENUMBER DESCRIPTION & UNIT		
CODENUMBERS	DESCRIPTION	UNIT
1	FURNISH AND INSTALL SHEET ALUMINUM SIGN	SF
2	SQUARE TUBULAR STEEL POST AND BASE	EA
3	RELOCATE EXISTING GROUND MOUNTED SIGN	SF
4	REMOVE EXISTING GROUND MOUNTED SIGNS AND SUPPORTS	SF
5	5" WHITE THERMOPLASTIC PAVEMENT MARKINGS	LF
6	5" YELLOW THERMOPLASTIC PAVEMENT MARKINGS	LF
7	12" WHITE THERMOPLASTIC PAVEMENT MARKINGS	LF
8	24" WHITE THERMOPLASTIC PAVEMENT MARKINGS	LF
9	24" GREEN BIKE LANE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS	LF
10	WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS LEGENDS AND SYMBOLS	LF

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FROM SPRING STREET TO 2ND AVENUE

STATE HIGHWAY  
ADMINISTRATION

REVISIONS	INDEF OF QUANTITIES
	SCALE: NTS, ADVERTISED DATE: AUG 2025, CONTRACT NO.: MC9985588
	DESIGNED BY: CDM, COUNTY: MONTGOMERY
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**iDesign**  
Engineering, Inc.

4041 Powder Mill Road  
Suite 204  
Calverton, MD 20705  
Tel: 301-234-6234

