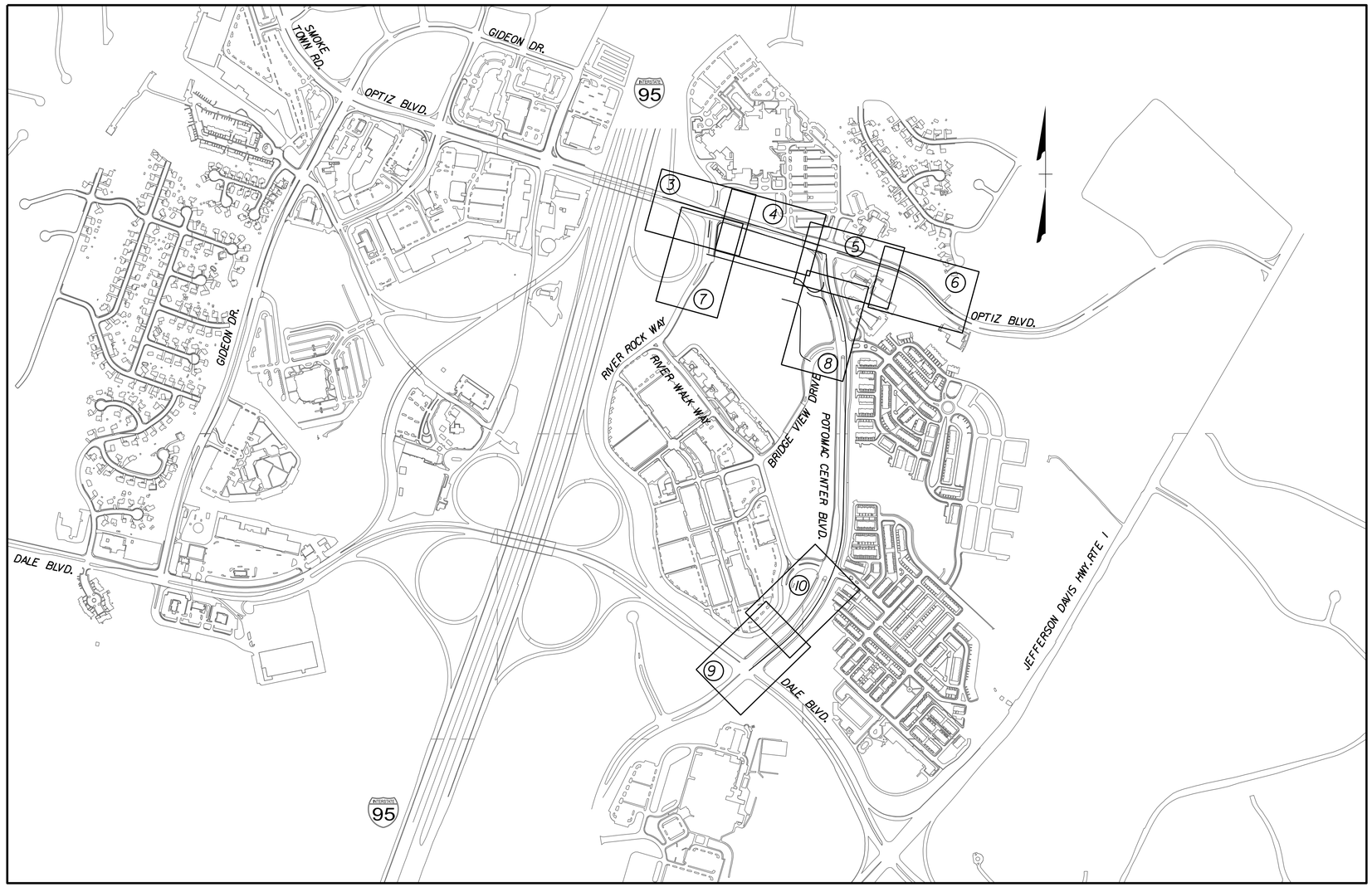

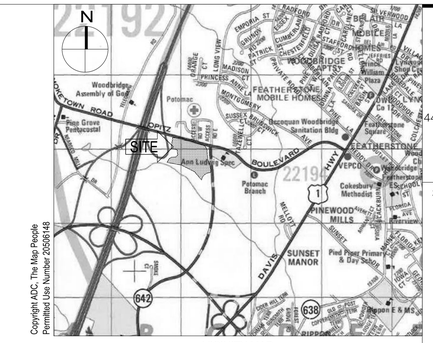

VICINITY MAP
SCALE: 1" = 2,000'

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SCALE
0 500' 1000'

PLAN NUMBER: SPR2023-00040 S01

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565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER

WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

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PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

OFFSITE ROADWAY LOCATION MAP

DATE: August 5, 2022

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1A

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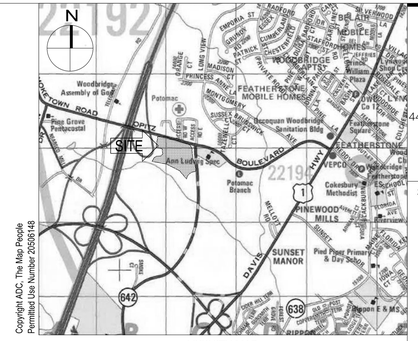
CONCEPTUAL ROADWAY PLANS

SHEET NO.	DESCRIPTION
1A	OFFSITE ROADWAY LOCATION MAP
1B	INDEX OF SHEETS
1C	NOT USED
1D	NOT USED
1E	SURVEY ALIGNMENT DATA SHEET
1F(1) thru 1F(5)	ALIGNMENT DATA SHEETS
1G	NOT USED
1H	NOT USED
1J	TRAFFIC MANAGEMENT PLAN
1K	SEQUENCE OF CONSTRUCTION
1L(1) thru 1L(8)	TRAFFIC CONTROL PLANS (STAGE 2)
1M(1) thru 1M(8)	TRAFFIC CONTROL PLANS (STAGE 3)
2	NOT USED
2A(1) thru 2A(5)	TYPICAL SECTIONS
3	PLAN SHEET
4	PLAN SHEET
5	PLAN SHEET
6	PLAN SHEET
7	PLAN SHEET
8	PLAN SHEET
9	PLAN SHEET
10	PLAN SHEET
11(1) thru 11(2)	ENTRANCE PROFILES
12(1) thru 12(10)	SIGNING AND PAVEMENT MARKING PLANS
13(1) thru 13(5)	LIGHTING PLANS
14(3),14(5)	SIGNAL PLANS



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VICINITY MAP
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STRUCTURAL/FUNCTIONAL/MEP
WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

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PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

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ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

INDEX OF SHEETS

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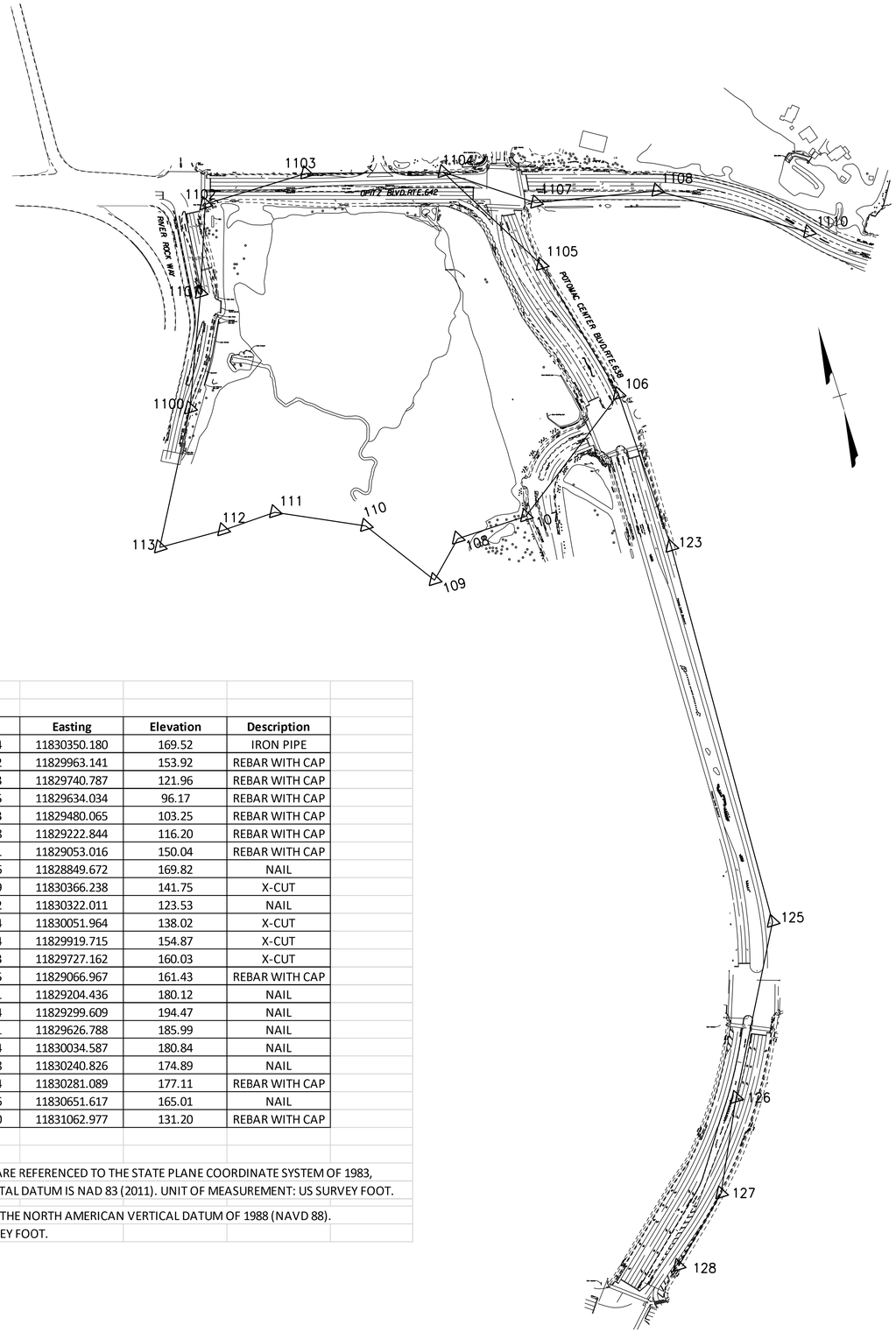

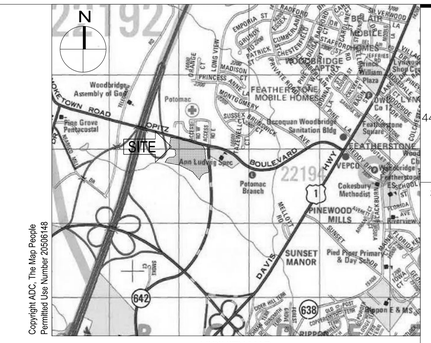

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VICINITY MAP
SCALE: 1" = 2,000'

3204-0801 PWC				
Survey Control Stations				
Number	**Northing**	**Easting**	**Elevation**	**Description**
106	6915779.504	11830350.180	169.52	IRON PIPE
107	6915503.082	11829963.141	153.92	REBAR WITH CAP
108	6915499.413	11829740.787	121.96	REBAR WITH CAP
109	6915397.645	11829634.034	96.17	REBAR WITH CAP
110	6915621.673	11829480.065	103.25	REBAR WITH CAP
111	6915745.648	11829222.844	116.20	REBAR WITH CAP
112	6915739.771	11829053.016	150.04	REBAR WITH CAP
113	6915747.226	11828849.672	169.82	NAIL
123	6915279.149	11830366.238	141.75	X-CUT
125	6914074.352	11830322.011	123.53	NAIL
126	6913585.954	11830051.964	138.02	X-CUT
127	6913316.564	11829919.715	154.87	X-CUT
128	6913140.703	11829727.162	160.03	X-CUT
1100	6916131.205	11829066.967	161.43	REBAR WITH CAP
1101	6916464.161	11829204.436	180.12	NAIL
1102	6916722.564	11829299.609	194.47	NAIL
1103	6916721.351	11829626.788	185.99	NAIL
1104	6916599.104	11830034.587	180.84	NAIL
1105	6916233.808	11830240.826	174.89	NAIL
1107	6916423.304	11830281.089	177.11	REBAR WITH CAP
1108	6916347.406	11830651.617	165.01	NAIL
1110	6916085.310	11831062.977	131.20	REBAR WITH CAP

NOTES:
THE HORIZONTAL COORDINATES ARE REFERENCED TO THE STATE PLANE COORDINATE SYSTEM OF 1983, VIRGINIA NORTH ZONE. HORIZONTAL DATUM IS NAD 83 (2011). UNIT OF MEASUREMENT: US SURVEY FOOT.

ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
UNIT OF MEASUREMENT: US SURVEY FOOT.

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Telephone 703.836.7766

STRUCTURAL/FUNCTIONAL/MEP
WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
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NO	DESCRIPTION	DATE

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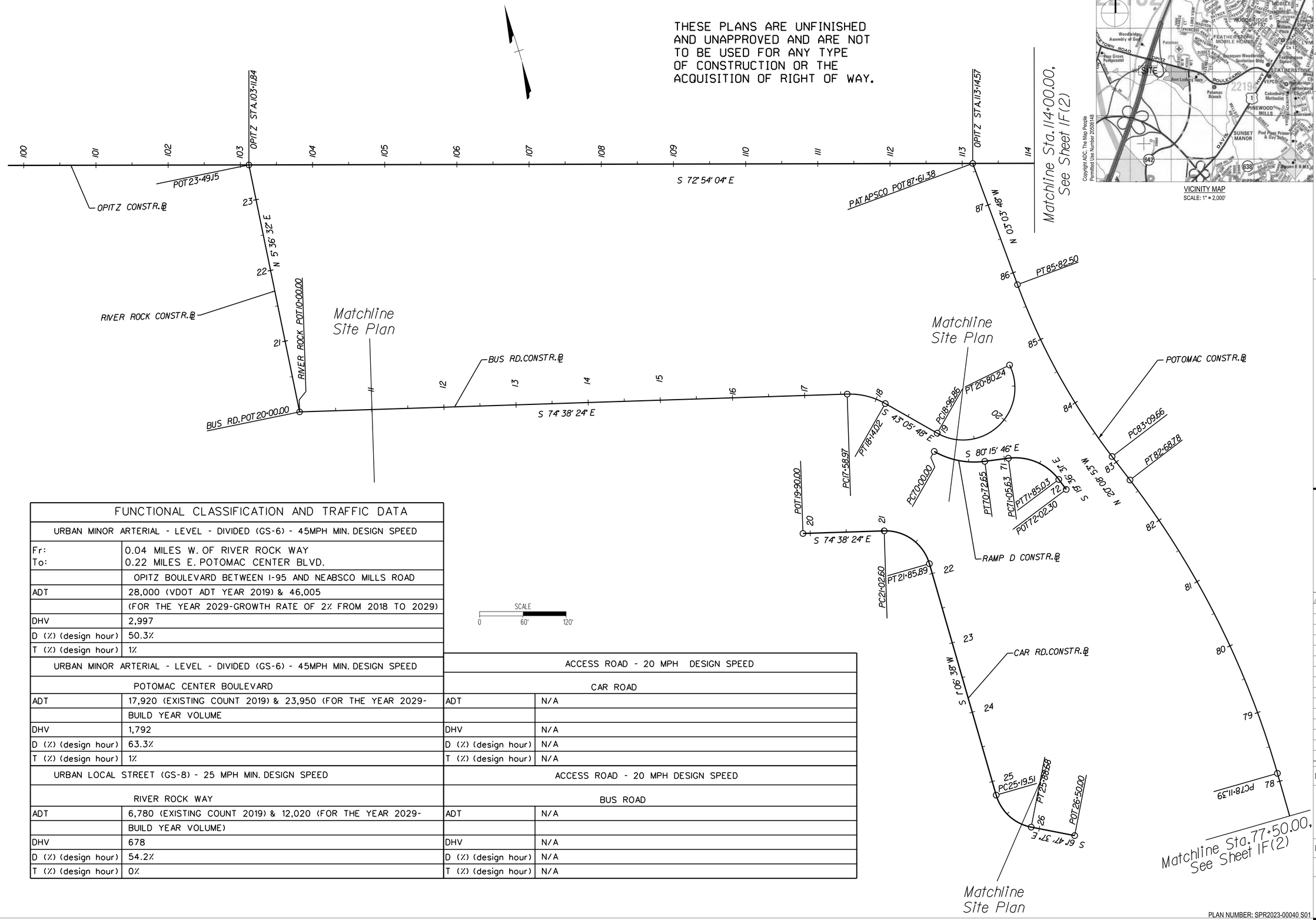

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VICINITY MAP
SCALE: 1" = 2,000'

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA	
URBAN MINOR ARTERIAL - LEVEL - DIVIDED (GS-6) - 45MPH MIN. DESIGN SPEED	
Fr: To:	0.04 MILES W. OF RIVER ROCK WAY 0.22 MILES E. POTOMAC CENTER BLVD.
	OPITZ BOULEVARD BETWEEN I-95 AND NEABSCO MILLS ROAD
ADT	28,000 (VDOT ADT YEAR 2019) & 46,005
	(FOR THE YEAR 2029-GROWTH RATE OF 2% FROM 2018 TO 2029)
DHV	2,997
D (%) (design hour)	50.3%
T (%) (design hour)	1%

URBAN MINOR ARTERIAL - LEVEL - DIVIDED (GS-6) - 45MPH MIN. DESIGN SPEED		ACCESS ROAD - 20 MPH DESIGN SPEED	
POTOMAC CENTER BOULEVARD		CAR ROAD	
ADT	17,920 (EXISTING COUNT 2019) & 23,950 (FOR THE YEAR 2029-	ADT	N/A
	BUILD YEAR VOLUME		
DHV	1,792	DHV	N/A
D (%) (design hour)	63.3%	D (%) (design hour)	N/A
T (%) (design hour)	1%	T (%) (design hour)	N/A
URBAN LOCAL STREET (GS-8) - 25 MPH MIN. DESIGN SPEED		ACCESS ROAD - 20 MPH DESIGN SPEED	
RIVER ROCK WAY		BUS ROAD	
ADT	6,780 (EXISTING COUNT 2019) & 12,020 (FOR THE YEAR 2029-	ADT	N/A
	BUILD YEAR VOLUME)		
DHV	678	DHV	N/A
D (%) (design hour)	54.2%	D (%) (design hour)	N/A
T (%) (design hour)	0%	T (%) (design hour)	N/A

HGA
44 Canal Center Plaza, Suite 100
Alexandria, Virginia 22314
Telephone 703.836.7766

STRUCTURAL/FUNCTIONAL/MEP
WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

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NO	DESCRIPTION	DATE

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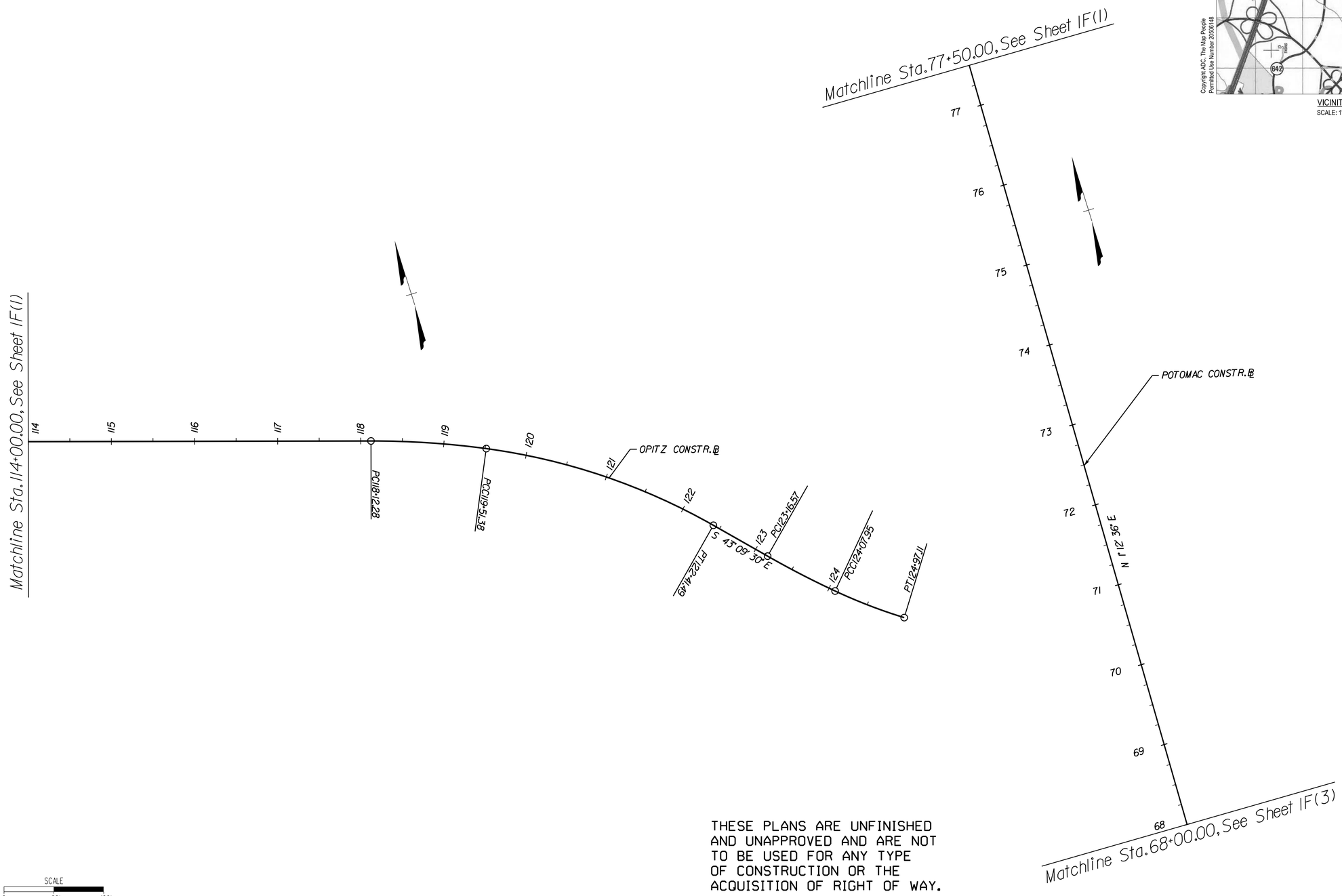

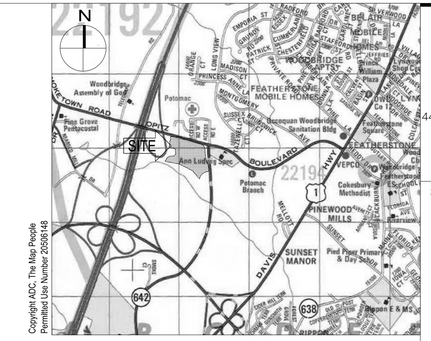

VICINITY MAP
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SCALE
0 60' 120'

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Telephone 703.836.7766

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WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER

WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

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2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

△NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

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DATE: August 5, 2022

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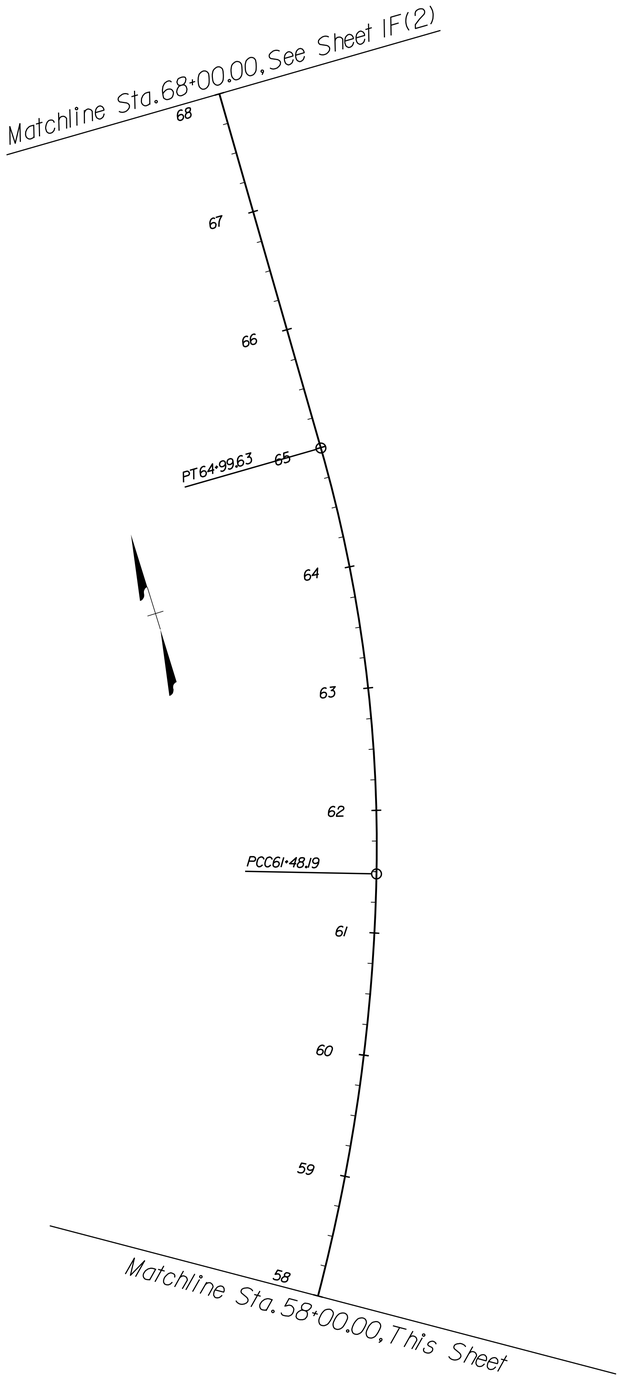

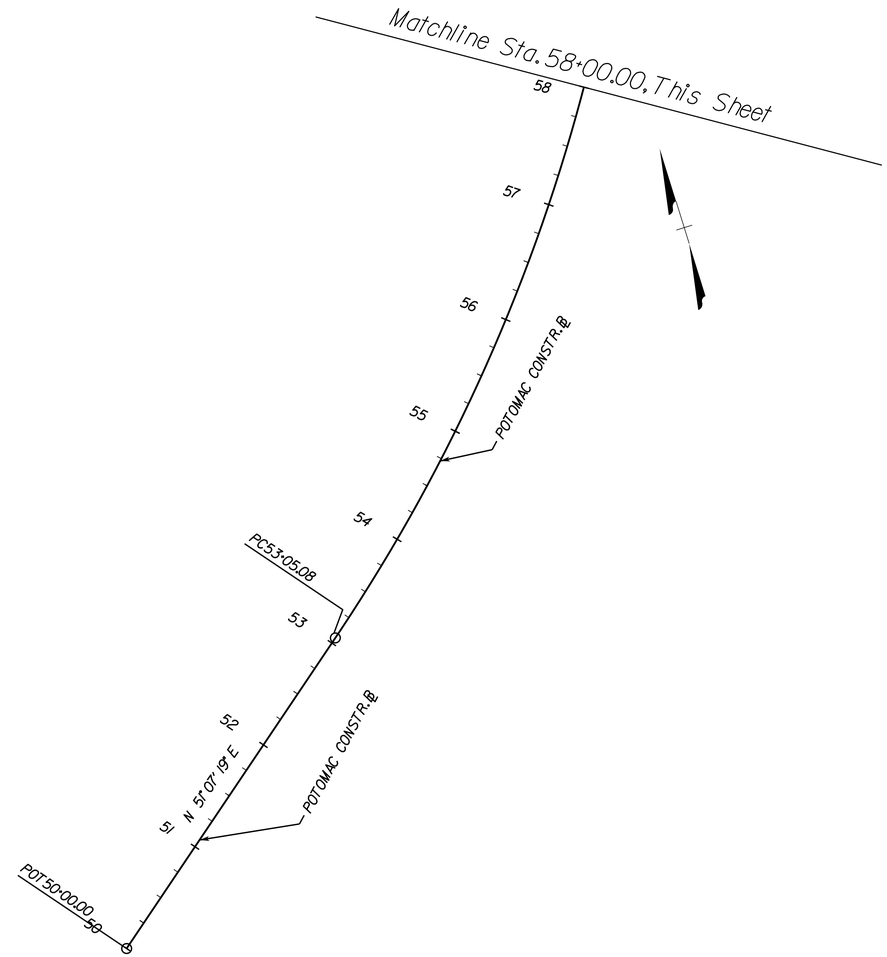

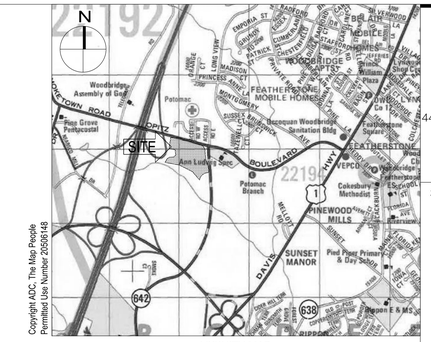

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SCALE
0 60' 120'

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Telephone 703.836.7766

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WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER

WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

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BUS RD.CONSTRUCTION ℄

P.O.T BUS01 N 6,916,457.9030 E 11,829,187.4500 Sta 10+00.00

S 74° 38' 24.00" E Dist 758.97

Curve BUS-01
P.I. Station 17+87.21 N 6,916,249.3840 E 11,829,946.5400
Delta = 31° 32' 34.8" (RT)
Degree = 57° 17' 45.6"
Tangent = 28.244
Length = 55.054
Radius = 100.0000
External = 3.912
Long Chord = 54.361
Mid.Ord. = 3.765
P.C. Station 17+58.97 N 6,916,256.8660 E 11,829,919.3100
P.T. Station 18+14.02 N 6,916,228.7610 E 11,829,965.8400
C.C. N 6,916,160.4380 E 11,829,892.8200
Back = S 74° 38' 24.0" E
Ahead = S 43° 05' 49.2" E
Chord Bear = S 58° 52' 04.8" E

S 43° 05' 49.2" E Dist 82.838

Curve BUS-02
P.I. Station 21+31.85 N 6,915,996.6800 E 11,830,182.9900
Delta = 145° 55' 52.0" (LT)
Degree = 79° 34' 37.2"
Tangent = 234.992
Length = 183.382
Radius = 72.0000
External = 173.775
Long Chord = 137.682
Mid.Ord. = 50.908
P.C. Station 18+96.86 N 6,916,168.2720 E 11,830,022.4300
P.T. Station 20+80.24 N 6,916,228.7620 E 11,830,146.1200
C.C. N 6,916,217.4650 E 11,830,075.0100
Back = S 43° 05' 49.2" E
Ahead = N 9° 01' 37.2" W
Chord Bear = N 63° 56' 16.8" E

CAR RD.CONSTRUCTION ℄

P.O.T CAR01 N 6,916,090.6119 E 11,829,803.6616 Sta 19+90.00

Course from CAR01 to PC CAR-01 S 74° 38' 24.12" E Dist 112.6017

Curve CAR-01
P.I. Station 21+51.60 N 6,916,047.8064 E 11,829,959.4915
Delta = 75° 45' 01.90" (RT)
Degree = 90° 56' 44.45"
Tangent = 49.0005
Length = 83.2921
Radius = 63.0000
External = 16.8126
Long Chord = 77.3570
Mid.Ord. = 13.2710
P.C. Station 21+02.60 N 6,916,060.7857 E 11,829,912.2412
P.T. Station 21+85.89 N 6,915,998.8151 E 11,829,958.5418
C.C. N 6,916,000.0360 E 11,829,895.5536
Back = S 74° 38' 24.12" E
Ahead = S 1° 06' 37.78" W
Chord Bear = S 36° 45' 53.17" E

S 1° 06' 37.78" W Dist 333.6139

Curve CAR-02
P.I. Station 25+58.04 N 6,915,626.7371 E 11,829,951.3294
Delta = 62° 54' 14.45" (LT)
Degree = 90° 56' 44.45"
Tangent = 38.5339
Length = 69.1666
Radius = 63.0000
External = 10.8503
Long Chord = 65.7448
Mid.Ord. = 9.2561
P.C. Station 25+19.51 N 6,915,665.2638 E 11,829,952.0762
P.T. Station 25+88.67 N 6,915,608.5241 E 11,829,985.2874
C.C. N 6,915,664.0428 E 11,830,015.0643
Back = S 1° 06' 37.78" W
Ahead = S 61° 47' 36.67" E
Chord Bear = S 30° 20' 29.45" E

Course from PT CAR-02 to CAR04 S 61° 47' 36.67" E Dist 61.3238

P.O.T CAR04 N 6,915,579.5393 E 11,830,039.3290 Sta 26+50.00

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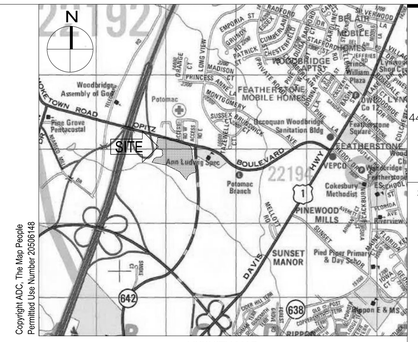

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WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

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NO	DESCRIPTION	DATE

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OPITZ CONSTRUCTION ℄

P.O.T OPITZ1 N 6,916,926.4680 E 11,828,827.9300 Sta 99+00.00

S 72° 54' 03.92" E Dist 1,912.2798

Curve OPITZ-1
P.I. Station 118+81.94 N 6,916,343.7340 E 11,830,722.2672
Delta = 7° 48' 48.86" (RT)
Degree = 5° 37' 02.04"
Tangent = 69.6580
Length = 139.1000
Radius = 1,020.0000
External = 2.3758
Long Chord = 138.9923
Mid.Ord. = 2.3703
P.C. Station 118+12.28 N 6,916,364.2150 E 11,830,655.6882
P.T. Station 119+51.38 N 6,916,314.3917 E 11,830,785.4437
C.C. N 6,915,389.3004 E 11,830,355.7856
Back = S 72° 54' 03.92" E
Ahead = S 65° 05' 15.06" E
Chord Bear = S 68° 59' 39.49" E

Curve OPITZ-2
P.I. Station 120+98.23 N 6,916,252.5318 E 11,830,918.6335
Delta = 21° 55' 45.06" (RT)
Degree = 7° 33' 31.72"
Tangent = 146.8542
Length = 290.1142
Radius = 758.0000
External = 14.0947
Long Chord = 288.3467
Mid.Ord. = 13.8374
P.C. Station 119+51.38 N 6,916,314.3917 E 11,830,785.4437
P.T. Station 122+41.49 N 6,916,145.4066 E 11,831,019.0842
C.C. N 6,915,626.9219 E 11,830,466.1488
Back = S 65° 05' 15.06" E
Ahead = S 43° 09' 30.01" E
Chord Bear = S 54° 07' 22.53" E

S 43° 09' 30.01" E Dist 75.0776

Curve OPITZ-3
P.I. Station 123+62.29 N 6,916,057.2934 E 11,831,101.7076
Delta = 4° 35' 04.59" (LT)
Degree = 5° 01' 01.72"
Tangent = 45.7138
Length = 91.3789
Radius = 1,142.0000
External = 0.9146
Long Chord = 91.3545
Mid.Ord. = 0.9139
P.C. Station 123+16.57 N 6,916,090.6401 E 11,831,070.4385
P.T. Station 124+07.95 N 6,916,026.5528 E 11,831,135.5420
C.C. N 6,916,871.7873 E 11,831,903.4890
Back = S 43° 09' 30.01" E
Ahead = S 47° 44' 34.60" E
Chord Bear = S 45° 27' 02.30" E

Curve OPITZ-4
P.I. Station 124+52.60 N 6,915,996.5273 E 11,831,168.5892
Delta = 8° 00' 23.81" (LT)
Degree = 8° 58' 49.91"
Tangent = 44.6503
Length = 89.1552
Radius = 638.0000
External = 1.5605
Long Chord = 89.0827
Mid.Ord. = 1.5567
P.C. Station 124+07.95 N 6,916,026.5528 E 11,831,135.5420
P.T. Station 124+97.11 N 6,915,971.3976 E 11,831,205.4965
C.C. N 6,916,498.7591 E 11,831,564.5701
Back = S 47° 44' 34.60" E
Ahead = S 55° 44' 58.41" E
Chord Bear = S 51° 44' 46.50" E

POTOMAC CONSTRUCTION B

P.O.T POTOMAC N 6,913,047.2638 E 11,829,534.5927 Sta 50+00.00

N 51° 07' 18.63" E Dist 305.0818

Curve POTOMAC-1
P.I. Station 57+38.52 N 6,913,510.8068 E 11,830,109.5161
Delta = 32° 46' 28.30" (LT)
Degree = 3° 53' 14.49"
Tangent = 433.4364
Length = 843.1053
Radius = 1,473.9000
External = 62.4100
Long Chord = 831.6575
Mid.Ord. = 59.8747
P.C. Station 53+05.08 N 6,913,238.7534 E 11,829,772.0935
P.T. Station 61+48.19 N 6,913,922.2098 E 11,830,245.9516
C.C. N 6,914,386.1587 E 11,828,846.9760
Back = N 51° 07' 18.63" E
Ahead = N 18° 20' 50.33" E
Chord Bear = N 34° 44' 04.48" E

L

Curve POTOMAC-2
P.I. Station 63+25.23 N 6,914,090.2549 E 11,830,301.6812
Delta = 17° 08' 14.14" (LT)
Degree = 4° 52' 34.45"
Tangent = 177.0441
Length = 351.4444
Radius = 1,175.0000
External = 13.2633
Long Chord = 350.1358
Mid.Ord. = 13.1152
P.C. Station 61+48.19 N 6,913,922.2107 E 11,830,245.9519
P.T. Station 64+99.63 N 6,914,267.2595 E 11,830,305.4200
C.C. N 6,914,292.0729 E 11,829,130.6820
Back = N 18° 20' 50.33" E
Ahead = N 1° 12' 36.19" E
Chord Bear = N 9° 46' 43.26" E

N 1° 12' 36.19" E Dist 1,311.7533

Curve POTOMAC-3
P.I. Station 80+42.77 N 6,915,810.0496 E 11,830,338.0076
Delta = 21° 21' 29.64" (LT)
Degree = 4° 40' 10.50"
Tangent = 231.3809
Length = 457.3906
Radius = 1,227.0000
External = 21.6257
Long Chord = 454.7469
Mid.Ord. = 21.2511
P.C. Station 78+11.39 N 6,915,578.7203 E 11,830,333.1213
P.T. Station 82+68.78 N 6,916,027.2711 E 11,830,258.3086
C.C. N 6,915,604.6318 E 11,829,106.3950
Back = N 1° 12' 36.19" E
Ahead = N 20° 08' 53.45" W
Chord Bear = N 9° 28' 08.63" W

N 20° 08' 53.45" W Dist 40.8891

Curve POTOMAC-4
P.I. Station 84+47.12 N 6,916,194.6867 E 11,830,196.8835
Delta = 17° 5' 05.04" (RT)
Degree = 6° 15' 42.60"
Tangent = 137.4394
Length = 272.8391
Radius = 915.0000
External = 10.2646
Long Chord = 271.8295
Mid.Ord. = 10.1507
P.C. Station 83+09.67 N 6,916,065.6579 E 11,830,244.2244
P.T. Station 85+82.50 N 6,916,331.9298 E 11,830,189.5385
C.C. N 6,916,331.9298 E 11,831,103.2309
Back = N 20° 08' 53.45" W
Ahead = N 3° 3' 48.41" W
Chord Bear = N 11° 36' 20.93" W

N 3° 3' 48.41" W Dist 178.8782

P.O.T POTOMAC N 6,916,510.5524 E 11,830,179.9789 Sta 87+61.38

RIVERROCK CONSTRUCTION ℄

P.O.T RIVERROCK1 N 6,916,457.9030 E 11,829,187.4500 Sta 20+00.00

N 5° 36' 32.4" E Dist 349.146

P.O.T RIVERROCK2 N 6,916,805.3780 E 11,829,221.5700 Sta 23+49.15

RAMP - D CONSTRUCTION ℄

Curve RAMPD-1
P.I. Station 70+37.66 N 6,916,117.8776 E 11,830,036.7196
Delta = 37° 09' 58.04" (LT)
Degree = 51° 09' 25.01"
Tangent = 37.6553
Length = 72.6512
Radius = 112.0000
External = 6.1606
Long Chord = 71.3841
Mid.Ord. = 5.8394
P.C. Station 70+00.00 N 6,916,145.3736 E 11,830,010.9924
P.T. Station 70+72.65 N 6,916,111.5089 E 11,830,073.8325
C.C. N 6,916,221.8954 E 11,830,092.7751
Back = S 43° 05' 47.73" E
Ahead = S 80° 15' 45.77" E
Chord Bear = S 61° 40' 46.75" E

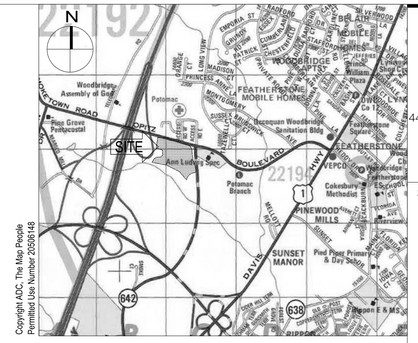
S 80° 15' 45.77" E Dist 32.9825

Curve RAMPD-2
P.I. Station 71+49.51 N 6,916,098.5102 E 11,830,149.5817
Delta = 60° 39' 14.43" (RT)
Degree = 76° 23' 39.74"
Tangent = 43.8739
Length = 79.3959
Radius = 75.0000
External = 11.8903
Long Chord = 75.7402
Mid.Ord. = 10.2632
P.C. Station 71+05.63 N 6,916,105.9306 E 11,830,106.3398
P.T. Station 71+85.03 N 6,916,057.1807 E 11,830,164.3055
C.C. N 6,916,032.0111 E 11,830,093.6550
Back = S 80° 15' 45.77" E
Ahead = S 19° 36' 31.35" E
Chord Bear = S 49° 56' 08.56" E

S 19° 36' 31.35" E Dist 17.2708

P.O.T RAMPD4 N 6,916,040.9115 E 11,830,170.1015 Sta 72+02.30

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.



VICINITY MAP
SCALE: 1" = 2,000'

HGA
44 Canal Center Plaza, Suite 100
Alexandria, Virginia 22314
Telephone 703.836.7766

STRUCTURAL/FUNCTIONAL/MEP
WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

WALKER CONSULTANTS
WBCM
WT WHITING-TURNER

NEABSCO COMMUTER PARKING GARAGE
PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

△ NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

ALIGNMENT DATA SHEET

DATE: August 5, 2022

PH SUBMISSION

1F(5)

PLAN NUMBER: SPR2023-00040 S01

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TRANSPORTATION MANAGEMENT PLAN
GENERAL NOTES

TEMPORARY TRAFFIC CONTROL PLAN

GENERAL NOTES:

1. TMP/SOC TYPE A PROJECT INFORMATION:

A. IDENTIFY THE PROJECT'S TMP TYPE:
THIS PROJECT'S TMP/SOC PLAN HAS BEEN DESIGNED IN CONFORMANCE WITH A TYPE A (CATEGORY II) TMP/SOC PLAN.

B. IDENTIFY THE WORK ZONE LOCATION,LENGTH,AND WIDTHS:
THE PROJECT LOCATION IS AS SHOWN ON SHEET 2.
THE WORK ZONE AREAS HAVE BEEN DELINEATED AS SHOWN ON THE TMP/SOC PLAN SHEETS 3 THROUGH 18.
THE WORK ZONE LENGTHS AND WIDTHS VARY BY LOCATION AS SHOWN ON THE TMP/SOC PLAN SHEETS 3 THROUGH 18.

C. NOTE THE HOURS THE CONSTRUCTION AREA WILL BE ACTIVE:
CONSTRUCTION AREA SHALL BE CONSIDERED ACTIVE WHEN ANY IMPACT TO TRAFFIC OCCURS (1ST CONE IN ROAD)
CONSTRUCTION AREA HOURS HAVE THE FOLLOWING LIMITATIONS:

ONE-LANE CLOSURES WILL BE RESTRICTED TO THE HOURS OF:
9:30 AM TO 3:00 PM MONDAY THROUGH THURSDAY
9:30 AM TO 2:00 PM FRIDAY
10:00 PM TO 5:00 AM MONDAY THROUGH THURSDAY NIGHTS
10:00 PM FRIDAY TO 9:00 AM SATURDAY
10:00 PM SATURDAY TO 8:00 AM SUNDAY
10:00 PM SUNDAY TO 5:00 AM MONDAY
ALL NIGHTTIME AND WEEKEND LANE AND SHOULDER CLOSURES REQUIRE APPROVAL FROM VDOT OR PRINCE WILLIAM COUNTY DOT.

NO LANE CLOSURES WILL BE ALLOWED FROM NOON ON THE DAY BEFORE A HOLIDAY UNTIL NOON ON THE WORKDAY FOLLOWING THE HOLIDAY.HOLIDAYS INCLUDE ALL STATE AND FEDERAL HOLIDAYS.

WHEN PROCEEDING FROM ONE STAGE OF CONSTRUCTION TO ANOTHER STAGE OF CONSTRUCTION,ANY CONSTRUCTION PAVEMENT MARKINGS THAT DO NOT ALIGN WITH THE NEW TRAFFIC PATTERNS AND/OR NECESSARY MARKINGS SHALL BE ERADICATED AT NO ADDITIONAL COST TO VDOT.

DESIGNATION OF NIGHT TIME HOURS AND PEAK HOUR TIMES:
NIGHT TIME HOURS SHALL BE DESIGNATED AS HOURS BETWEEN 10:00 PM THROUGH 5:00 AM.
PEAK HOURS ARE 6:00 AM THROUGH 9:30 AM AND 3:00 PM THROUGH 7:00 PM.

D. IDENTIFY POTENTIAL LOCATION(S),WITHIN THE R/W,FOR CONSTRUCTION EQUIPMENT AND MATERIAL STORAGE:
CONSTRUCTION EQUIPMENT AND MATERIAL MAY BE STORED:
WITHIN THE PROJECT LIMITS:
EAST OF RIVER ROCK WAY,SOUTH OF OPITZ BOULEVARD,WEST OF POTOMAC CENTER BOULEVARD,
AND NORTH OF BRIDGE VIEW DRIVE.EQUIPMENT AND MATERIAL SHALL BE OUTSIDE THE
CLEAR ZONE;OTHERWISE,IT SHALL BE PROTECTED WITH CONCRETE TRAFFIC BARRIER SERVICE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING EROSION AND SEDIMENT CONTROLS AND SHALL FULLY RESTORE AND STABILIZE THESE AREAS UPON COMPLETION OF THE PROJECT TO THE SATISFACTION OF VDOT.

E. THE TMP/SOC PLAN,DURING CONSTRUCTION,SHALL BE IN ACCORDANCE WITH SECTIONS 512 AND 704 OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS,DATED 2020;THE VIRGINIA WORK AREA PROTECTION MANUAL,2011 EDITION WITH REVISION 1 DATED APRIL 1,2015;THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD),2009 EDITION;
AND THE VIRGINIA SUPPLEMENT TO THE MUTCD,DATED 2011(WITH REVISION 1,SEPT.2013).FLAGGING OPERATIONS SHALL BE IN ACCORDANCE
WITH FIGURE TTC-23J IN THE VIRGINIA WORK AREA PROTECTION MANUAL.

F. NOTE ANY EXISTING ENTRANCES,EXISTING INTERSECTIONS,OR EXISTING PEDESTRIAN ACCESS POINTS THAT WILL BE AFFECTED BY THE CONSTRUCTION AREA OR BY THE TRAFFIC CONTROL DEVICES:

EXISTING ENTRANCES:
ALL EXISTING COMMERCIAL OR PRIVATE ENTRANCES SHALL REMAIN OPEN FOR THE DURATION OF CONSTRUCTION.THE CONTACTOR
SHALL ENSURE THAT ALL ENTRANCE ACCESSIBILITY IS MAINTAINED DURING CONSTRUCTION.WHERE PEDESTRIAN TRAFFIC EXISTS, THE CONTRACTOR WILL ENSURE SAFE PASSAGE THROUGH OR AROUND THE CONSTRUCTION WORK ZONE.

EXISTING INTERSECTIONS:
OPITZ BOULEVARD (ROUTE 642) AT RIVER ROCK WAY (SIGNALIZED)
OPITZ BOULEVARD (ROUTE 642) AT POTOMAC CENTER BOULEVARD (ROUTE 638) (SIGNALIZED)
POTOMAC CENTER BOULEVARD (ROUTE 638) AT BRIDGE VIEW DRIVE/POTOMAC BRANCH DRIVE (SIGNALIZED)
POTOMAC CENTER BOULEVARD (ROUTE 638) AT ROCK RIVER WAY/SHEFFIELD HILL WAY (UNSIGNALIZED)
POTOMAC CENTER BOULEVARD (ROUTE 638) AT DALE BOULEVARD (ROUTE 784) (SIGNALIZED)

ALL INTERSECTIONS ARE TO REMAIN OPERATIONAL DURING CONSTRUCTION.A DETOUR MAY BE IMPLEMENTED DURING CONSTRUCTION FOR PAVEMENT TIE-INS ONLY AS APPROVED BY THE ENGINEER.

EXISTING PEDESTRIAN ACCESS POINTS:
WITHIN THE PROJECT LIMITS THERE IS A SHARED-USE PATH ALONG THE EAST SIDE OF RIVER ROCK WAY,A SIDEWALK ALONG THE WEST SIDE OF POTOMAC CENTER BOULEVARD (ROUTE 638),AND A SHARED-USE PATH ALONG THE NORTH SIDE OF BRIDGE VIEW DRIVE.THE CONTRACTOR IS TO MAINTAIN SAFE PASSAGE FOR PEDESTRIANS AND BICYCLISTS TO AND FROM THESE FACILITIES FOR THE DURATION OF CONSTRUCTION.FLAGGERS MAY BE USED TO MAINTAIN PEDESTRIAN AND BICYCLE TRAFFIC THROUGH THE WORK AREA AS NECESSARY.

EXISTING BUS STOPS:
EXISTING BUS STOPS ARE LOCATED AT THE FOLLOWING INTERSECTIONS:
OPITZ BOULEVARD (ROUTE 642) AT POTOMAC CENTER BOULEVARD (ROUTE 638)
POTOMAC CENTER BOULEVARD (ROUTE 638) AT BRIDGE VIEW DRIVE/POTOMAC BRANCH DRIVE
POTOMAC CENTER BOULEVARD (ROUTE 638) AT ROCK RIVER WAY/SHEFFIELD HILL WAY

G. IDENTIFY THE MAJOR TYPES OF TRAVELERS:
IN THE PEAK HOURS,DAILY COMMUTERS AND RESIDENTS ARE THE PREVAILING TRAVELER OTHER TRAFFIC GENERATORS ARE THE SENTARA NORTHERN VIRGINIA MEDICAL CENTER,THE POTOMAC TOWN CENTER,THE POTOMAC FESTIVAL SHOPPING MALL, AND THE POTOMAC MILLS SHOPPING MALL.

H. THE CONTRACTOR,AT NO ADDITIONAL COST TO THE PROJECT,AND WHICH SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE
PROJECT SHALL:

DESIGNATE A PERSON ASSIGNED AT NO ADDITIONAL COST TO THE PROJECT WHO WILL HAVE THE PRIMARY RESPONSIBILITY,WITH SUFFICIENT AUTHORITY,FOR IMPLEMENTING THE TMP/SOC AND OTHER SAFETY AND MOBILITY ASPECTS OF THE PERMIT WORK. THIS PERSON SHALL BE DESIGNATED THE "PROJECT SAFETY OFFICER."

ENSURE THAT PERSONNEL ASSIGNED TO THE PROJECT ARE TRAINED IN TRAFFIC CONTROL TO A LEVEL COMMENSURATE WITH THEIR RESPONSIBILITIES IN ACCORDANCE WITH VDOT'S WORK ZONE TRAFFIC CONTROL TRAINING GUIDELINES.BASIC WORK ZONE TRAFFIC CONTROL TRAINING (WZTCT) IS REQUIRED FOR ALL PERSONS WITH DIRECT RESPONSIBILITY FOR PLACEMENT AND MAINTENANCE OF WORK ZONE TRAFFIC CONTROL DEVICES.INTERMEDIATE WZTCT IS REQUIRED FOR ALL PERSONS RESPONSIBLE FOR THE INSPECTION OF THE PLACEMENT OR OPERATIONAL FUNCTION OF WORK ZONE TRAFFIC CONTROL DEVICES.ALL PERSONS RESPONSIBLE FOR CONSTRUCTION SUPERVISION,MOT COORDINATORS,TRAFFIC CONTROL SUPERVISORS,AND CONSTRUCTION SAFETY MANAGERS.

PERFORM REVIEWS OF THE CONSTRUCTION AREA TO ENSURE COMPLIANCE WITH CONTRACT DOCUMENTS OF REGULARLY SCHEDULED INTERVALS AT THE DIRECTION OF VDOT.CONTRACTOR SHALL MAINTAIN A COPY OF THE TEMPORARY TRAFFIC CONTROL PLAN AT THE WORK SITE AT ALL TIMES.

COORDINATE WITH PRINCE WILLIAM COUNTY POLICE DEPARTMENT,PRINCE WILLIAM COUNTY FIRE/RESCUE DEPARTMENT AND VIRGINIA STATE POLICE FOR ANY LANE CLOSURES AND ANY DETOURS OF ANY NATURE AT NO ADDITIONAL COST TO THE PROJECT.

SCHEDULE ALL PHASES OF CONSTRUCTION IN SUCH A MANNER THAT WATER,SANITARY SEWER,CABLE,FIBER CABLE/OPTIC CABLE,ANY OVERHANGING UTILITIES,AND ANY UNDERGROUND UTILITIES SERVICES WILL NOT BE INTERRUPTED.

2. THIS TMP/SOC PLAN IS INTENDED AS A GUIDE.IT IS NOT TO ENUMERATE EVERY DETAIL WHICH MUST BE CONSIDERED IN THE CONSTRUCTION OF EACH PHASE.BUT TO SHOW THE GENERAL HANDLING OF EXISTING TRAFFIC.IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PRESENT A FORMAL TMP/SOC PLAN WITH CONSTRUCTION SIGNAGE TO VDOT FOR APPROVAL PRIOR TO ANY CONSTRUCTION ACTIVITY THAT MAY AFFECT THE EXISTING TRAFFIC AT NO ADDITIONAL COST TO THE PROJECT.

3. EXCEPT WHEN TEMPORARY STOPPAGES OR DETOURS ARE PERMITTED BY NOTE 1(THIS SHEET),CONTRACTOR IS TO MAINTAIN AT LEAST ONE LANE OF TRAFFIC IN EACH DIRECTION ON ALL ROADWAYS AND ENTRANCES DURING CONSTRUCTION OF THIS PROJECT WITH A MINIMUM CLEAR ROADWAY WIDTH NO LESS THAN THE EXISTING CONDITIONS,UNLESS OTHERWISE APPROVED BY THE ENGINEER.AT ALL TIMES FOR STREET INTERSECTIONS,COMMERCIAL CONNECTIONS,OR PRIVATE ENTRANCES,A MINIMUM WIDTH NO LESS THAN EXISTING WIDTH SHALL BE MAINTAINED AT ALL TIMES,UNLESS APPROVED BY THE ENGINEER.

4. ALL AREAS EXCAVATED BELOW THE EXISTING PAVEMENT SURFACE AND WITHIN THE CLEAR ZONE AT THE CONCLUSION OF EACH WORKDAY SHALL BE BACKFILLED WITH APPROVED MATERIAL TO FORM AN APPROXIMATE 6:1 WEDGE AGAINST THE EXISTING PAVEMENT OR NEWLY CONSTRUCTED PAVEMENT SURFACE FOR THE SAFETY AND PROTECTION OF VEHICULAR TRAFFIC.ALL COSTS FOR PLACING,MAINTAINING AND REMOVING 6:1 WEDGE SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

5. CONCRETE TRAFFIC BARRIER SERVICE SHALL BE INSTALLED AND REMOVED SO AS TO NOT PRESENT ANY BLUNT END OR HAZARD TO THE MOTORING PUBLIC. THE PLACEMENT AND REMOVAL OF CONCRETE TRAFFIC BARRIER SERVICE ARE TO BE COORDINATED BY THE PROJECT SAFETY OFFICER WHEN CONCRETE TRAFFIC BARRIER SERVICE IS INSTALLED.IMPACT ATTENUATORS SHALL BE PLACED AT THE BEGINNING OF THE CONCRETE TRAFFIC BARRIER SERVICE. PROJECT SAFETY OFFICER SHALL ENSURE CONCRETE TRAFFIC BARRIER SERVICE IS INSTALLED IN ACCORDANCE WITH VDOT'S AND MANUFACTURER'S SPECIFICATIONS TO PREVENT DEFLECTION. ADDITIONALLY,PROJECT SAFETY OFFICER SHALL ENSURE CONCRETE TRAFFIC BARRIER SERVICE WHEN INSTALLED WITH FLARES SHALL BE IN ACCORDANCE WITH VDOT'S VIRGINIA WORK AREA PROTECTION MANUAL.BARRIER VERTICAL PANELS SHALL BE INSTALLED IN ACCORDANCE WITH VIRGINIA WORK AREA PROTECTION MANUAL AND COST SHALL BE INCLUDED IN THE COST OF THE CONCRETE TRAFFIC BARRIER SERVICE.

6. CONTRACTOR SHALL FOLLOW THE GEOTECHNICAL RECOMMENDATIONS FOR THE PROJECT.MATERIALS DESIGNATED AS UNSUITABLE MATERIAL AS DETAILED IN THE GEOTECHNICAL RECOMMENDATIONS SHALL BE DISPOSED OF OFFSITE AND ARE NOT TO BE USED FOR ANY PART OF CONSTRUCTION.EXISTING SURFACE AGGREGATE BASE AND SUB BASE MATERIAL,WHICH WILL BE DEMOLISHED OR OBLITERATED DURING CONSTRUCTION,AND WHICH ARE SUITABLE FOR MAINTENANCE OF TRAFFIC,SHOULD BE UTILIZED PRIOR TO THE USE OF COMMERCIAL MATERIAL.

7. AS PART OF THE CONTRACTOR'S TMP/SOC PLAN TO BE SUBMITTED TO VDOT PER TMP/SOC GENERAL NOTE 2 (THIS SHEET),THE CONTRACTOR SHALL SHOW CONSTRUCTION ENTRANCES IN CONFORMANCE WITH EC-11 AT ALL APPLICABLE LOCATIONS FOR ENTRANCE AND EXIT POINTS FOR THE "ACTIVE" WORK ZONE AREAS.THE CONSTRUCTION ENTRANCE SHALL INCLUDE A PRIVATE WATER TRUCK AND WASH RACK AND ALL OTHER INCIDENTALS TO ENSURE MUD AND DEBRIS SHALL BE CLEANED FROM CONSTRUCTION EQUIPMENT AND VEHICLES PRIOR TO EXITING INTO THE VDOT RIGHT-OF-WAY (TRAVELWAY). THE COST TO INSTALL AND REMOVE ALL CONSTRUCTION ENTRANCES (WITH PRIVATE WATER TRUCK AND WASH RACK) SHALL BE INCIDENTAL TO THE PROJECT AND NOT PAID FOR AS A SEPARATE ITEM.

8. CONTRACT SHALL ENSURE POSITIVE DRAINAGE FOR THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADD ANY ADDITIONAL TEMPORARY MEASURES NECESSARY TO FACILITATE PROPER POSITIVE DRAINAGE FOR THE DURATION OF CONSTRUCTION.

9. THE COST TO REMOVE THE CONSTRUCTION PAVEMENT MARKINGS AND PRE-APPROVED BLACK TAPE SHALL BE INCLUDED IN THE COST TO INSTALL CONSTRUCTION PAVEMENT MARKINGS AND WILL NOT BE PAID FOR AS A SEPARATE ITEM.

10. WHERE GROUP 2 CHANNELIZING DEVICES ARE USED TO SEPARATE THE CONSTRUCTION AREA AND TRAFFIC,A MINIMUM CLEAR ZONE AREA AS DEFINED IN THE VWAPM IS TO BE MAINTAINED AT NO ADDITIONAL COST TO VDOT.

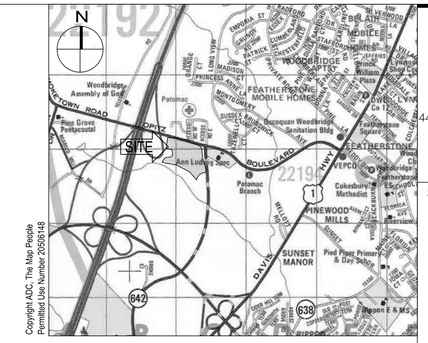
11. GROUP 2 CHANNELIZING DEVICES SHOWN ON THE PLAN ARE SCHEMATIC.CONTRACTOR SHALL FOLLOW VIRGINIA WORK ARE PROTECTION MANUAL GUIDELINES FOR DEVICE SPACING ALONG TRANSITIONS AND PARALLEL TO THE TRAVELWAY AT NO ADDITIONAL COST TO VDOT.

12. THE CONTRACTOR IS TO COORDINATE WITH VDOT FOR LOCATION(S) OF THE CONSTRUCTION STAGING AREA.IF CONTRACTOR REQUIRES ADDITIONAL STAGING AREA THAN THOSE SHOWN ON THE PLANS,CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND EASEMENTS FOR THE CONSTRUCTION STAGING AREA AND/OR OFFICE TO BE LOCATED ONSITE WITHIN THE PROJECT LIMITS.THE CONTRACTOR IS RESPONSIBLE FOR THESE COSTS (PERMITS,EASEMENTS),AND THEY SHALL BE INCIDENTAL TO THE PROJECT AND NOT PAID FOR AS A SEPARATE ITEM.CONTRACTOR SHALL PROVIDE ADEQUATE SIGNAGE FOR ALL CONSTRUCTION ENTRANCES AND STAGING AREAS (INCLUDING THOSE SHOWN WITH THIS PLAN).COST OF THESE SIGNS SHALL BE INCIDENTAL TO THE PROJECT AND NOT PAID FOR AS A SEPARATE ITEM.

13. IMPLEMENTING THE TRANSPORTATION MANAGEMENT PLAN:
DURING THE FIRST DAY OF THE NEW WORK ZONE TRAFFIC PATTERN,THE CONSTRUCTION MANAGER AND THE CONTRACTOR SHALL INSPECT THE WORK ZONE TO ENSURE COMPLIANCE WITH THE VWAPM.

14. PUBLIC COMMUNICATIONS PLAN (TEMPORARY OPERATIONS PLAN)
THE CONTRACTOR SHALL BE RESPONSIBLE FOR:

A. NOTIFYING THE CONSTRUCTION MANAGER TWO WEEKS IN ADVANCE OF ANY SCHEDULED WORK PLANS AND TRAFFIC DELAYS.
B. NOTIFYING THE CONSTRUCTION MANAGER OF ANY UNSCHEDULED TRAFFIC DELAYS.
C. NOTIFYING PUBLIC SAFETY AND EMERGENCY MANAGEMENT ORGANIZATIONS OF ANY DETOUR ROUTE(S) AND AVAILABLE ALTERNATE ROUTES DURING CONSTRUCTION.
D. INSTALLING PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) IN ACCORDANCE WITH VWAPM SECTION 6F.68 AND FIGURE 6F-6.PCMS'S SHALL BE USED IN ADVANCE OF THE WORK ZONE WHEN DETOURING TRAFFIC,CLOSING OR SHIFTING LANES WITHIN THE PROJECT LIMITS.THE CONTRACTOR SHALL PROVIDE A MINIMUM OF FOUR PCMS'S (ONE ON EACH APPROACH TO THE INTERSECTION).THE CONTRACTOR SHALL COORDINATE THE IMPLEMENTATION OF PCMS'S WITH VDOT.
E. PROVIDING A POINT OF CONTACT AND PHONE NUMBER FOR THE PUBLIC TO USE TO REQUEST INFORMATION OR EXPRESS CONCERNS FOR THE DURATION OF THE PROJECT.ALL INFORMATION TO BE RELEASED TO THE PUBLIC SHALL BE APPROVED BY VDOT.ALL INFORMATION FOR PRESS RELEASES SHOULD BE SENT TO VDOT'S PROJECT MANAGER AND VDOT PUBLIC AFFAIRS FOR DISSEMINATION TO MEDIA.
F. HOLDING INFORMAL MEETINGS WITH AFFECTED STAKEHOLDERS AS NECESSARY AND AS DIRECTED BY VDOT.A LIST OF AFFECTED STAKEHOLDERS (INCLUDING,BUT NOT LIMITED TO,COMMUNITY ASSOCIATIONS,CHURCHES,BUSINESS OWNERS,POLICE,FIRE & RESCUE, SCHOOL BUS TRANSPORTATION,TRANSIT OPERATORS) SHALL BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO VDOT FOR ACCEPTANCE PRIOR TO HOLDING ANY MEETINGS.ALL STAKEHOLDERS SHALL BE INFORMED OF MEETINGS.



VICINITY MAP
SCALE: 1" = 2,000'

15. TRANSPORTATION OPERATIONS
THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND PROVIDING THE FOLLOWING:

A. NOTIFY THE REGIONAL TOC AND CONSTRUCTION MANAGER SEVEN (7) DAYS PRIOR TO ANY SCHEDULED LANE SHIFTS,LANE CLOSURES,AND/OR PHASE CHANGES TO PLACE THE INFORMATION ON THE 511 SYSTEM AND VA-TRAFFIC.CONFIRM AT LEAST TWENTY-FOUR (24) HOURS BEFORE ANY SCHEDULED LANE SHIFTS,LANE CLOSURES,AND/OR PHASE CHANGES AND INCLUDE A WRITTEN REITERATION OF THE PROPOSED TASKS AND A LISTING OF MATERIALS,LABOR,AND EQUIPMENT TO BE UTILIZED.

B. POST A LIST OF LOCAL EMERGENCY RESPONSE AGENCIES INSIDE THE PROJECT'S CONSTRUCTION OFFICE/TRAILER.

C. COORDINATE THROUGH VDOT FOR VIRGINIA STATE POLICE (VSP) SERVICE DURING TEMPORARY TRAFFIC CONTROL OPERATIONS INVOLVING LANE CLOSURES AND ANY OTHER OPERATION AS COVERED IN APPENDIX C OF THE VWAPM.

D. IMMEDIATELY CALL 911 IF ANY INCIDENT OCCURS IN THE WORK ZONE.

E. NOTIFY THE CONSTRUCTION MANAGER OF ANY INCIDENTS AND EXPECTED TRAFFIC DELAYS.

F. HAVE AN ON-CALL TOWING COMPANY TO CLEAR ANY INCIDENTS WITHIN THE WORK ZONE.

G. WITHIN 24 HOURS OF ANY INCIDENTS WITHIN THE CONSTRUCTION WORK ZONE,A REVIEW OF THE TRAFFIC CONTROLS SHALL BE COMPLETED AND NECESSARY ADJUSTMENTS MADE TO REDUCE THE FREQUENCY AND SEVERITY OF ANY FUTURE INCIDENTS.

CONTACT NUMBERS:

PROJECT MANAGER	DANA POMEROY	(410) 821-4597
CONSTRUCTION MANAGER	ANDREW LEWIS	(410) 821-1100
CONSTRUCTION SAFETY MANAGER	TBD	
PUBLIC RELATIONS	TBD	
COUNTY PROJECT MANAGER	ZIA REHMAN	(703) 792-8639
COUNTY CONSTRUCTION MANAGER	TBD	
COUNTY CONSTRUCTION INSPECTOR	TBD	
VDOT RESIDENCY ADMINISTRATOR	GABY HAKIM	(703) 259-2357
VDOT REGIONAL TRANSPORTATION OPERATIONS CENTER	NOVA	(703) 877-3450
NOVA TRAFFIC OPERATIONS DIRECTOR	HARI SRIPATHI	(703) 259-2223
VDOT AREA CONSTRUCTION ENGINEER	CHAN BASNAYAKE	(703) 259-2947 (O) (571) 722-9509 (C)
VDOT DISTRICT WORK ZONE SAFETY COORDINATOR	BRIAN FRY	(703) 259-2394 (O) (571) 238-5558 (C)
EMERGENCY CALL		911
NON-EMERGENCY NUMBERS		
POLICE		(703) 792-6500
FIRE & RESCUE	HEADQUARTERS	(703) 792-6800
FIRE & RESCUE (OWL VOLUNTEER FIRE STATION #12)	LOCAL	(703) 494-4171

TMP/SOC DESIGNER: WBCM

PAVEMENT MARKING GENERAL NOTES (DURING CONSTRUCTION)

1. ALL CONSTRUCTION PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF EACH OF THE FOLLOWING AND ANY REVISION THEREOF:

A. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
B. THE VIRGINIA SUPPLEMENT TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
C. THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS
D. THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS

2. ANY PAVEMENT MARKINGS THAT WILL CONFLICT WITH THE PROPOSED OR EXISTING PAVEMENT MARKINGS SHALL BE COMPLETELY ERADICATED.

3. ELONGATED ARROWS SHALL BE IN ACCORDANCE WITH MUTCD AND VDOT ROAD AND BRIDGE SPECIFICATIONS.

4. RAISED MARKERS SHALL NOT BE INSTALLED AS PART OF THE PROJECT'S TMP/SOC.

5. ALL CONSTRUCTION PAVEMENT MARKINGS SHALL BE OF TYPE F,CLASS I,UNLESS OTHERWISE DIRECTED BY THE VDOT ENGINEER.DURING CONSTRUCTION,ANY PAVEMENT MARKINGS WHICH WILL CONFLICT WITH THOSE SHOWN ON THE TMP/SOC PLANS OR AS DIRECTED BY THE ENGINEER SHALL BE COVERED WITH TYPE E NON-REFLECTIVE BLACK TAPE (OR ERADICATED AT THE DIRECTION OF THE ENGINEER).THE COST TO PLACE AND REMOVE TYPE E,NON-REFLECTIVE BLACK TAPE SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NOT PAID FOR AS A SEPARATE ITEM.

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44 Canal Center Plaza, Suite 100
Alexandria, Virginia 22314
Telephone 703.836.7766

STRUCTURAL/FUNCTIONAL/MEP
WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

WALKER CONSULTANTS
WBCM
WT WHITING-TURNER

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PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

NO	DESCRIPTION	DATE

ISSUANCE HISTORY – THIS SHEET

HGA NO: COMMISSION NO.

TRANSPORTATION MANAGEMENT PLAN

DATE: August 5, 2022

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TRANSPORTATION MANAGEMENT PLAN
SUGGESTED SEQUENCE OF CONSTRUCTION

GENERAL PHASING NOTES:

VWAPM - VIRGINIA WORK AREA PROTECTION MANUAL (2011 EDITION WITH REVISION 1 DATED APRIL 1, 2015)
MUTCD - MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CHAPTER 6 (2009 EDITION)

1 CONTRACTOR IS TO INSTALL PROJECT LIMIT SIGNS ON OPITZ BOULEVARD (ROUTE 642), NORTHBOUND RIVER ROCK WAY, AND NORTHBOUND POTOMAC CENTER BOULEVARD (ROUTE 638) IN ACCORDANCE WITH VWAPM TTC-53.D. THESE SIGNS ARE TO REMAIN IN PLACE FOR THE DURATION OF ALL PHASES OF CONSTRUCTION UNTIL THE PROJECT IS FULLY CONSTRUCTED, UNLESS DIRECTED BY THE ENGINEER.

2 CONTRACTOR IS RESPONSIBLE FOR ENSURING PROPER DRAINAGE FOR THE DURATION OF ALL PHASES, AND INSTALLING ANY NECESSARY MEASURES TO FACILITATE PROPER DRAINAGE.

3 EACH PHASE IS ONLY TO BE CONSTRUCTED UP TO INTERMEDIATE COURSE, UNLESS DIRECTED BY THE ENGINEER. FINAL SURFACE COURSE IS TO BE INSTALLED AT THE COMPLETION OF THE PROJECT.

4 THE CONTRACTOR SHALL INSTALL CONSTRUCTION SIGNAGE (NOT SHOWN) AS REQUIRED FOR EACH VWAPM TYPICAL TRAFFIC CONTROL APPLICATION, FOR ALL PHASES OF CONSTRUCTION (SEE GENERAL NOTE #2, SHEET 1).

5 THE CONTRACTOR SHALL PLAN AND EXECUTE THE WORK IN ACCORDANCE WITH THE SOC PLAN UNLESS A CHANGE IS APPROVED OR DIRECTED BY VDOT.

6 ALL STORED MATERIALS AND/OR PARKED EQUIPMENT SHALL BE PROTECTED IN ACCORDANCE WITH VWAP MANUAL AT CONTRACTOR'S COST OR REMOVED OUT OF THE CLEAR ZONE.

7 THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ANY EXISTING SIGNS UNLESS OTHERWISE ADVISED BY VDOT TO REMOVE OR RELOCATE. THE COST IS INCIDENTAL TO OTHER ITEMS.

SEQUENCE OF CONSTRUCTION:

MOT STAGE 1
NOTE: MOT STAGE 1 IS NOT DEPICTED IN THE FOLLOWING PLAN SHEETS.

1 INSTALL EROSION AND SEDIMENT CONTROL MEASURES.

2 CLEAR AND GRUB SITE.

3 ROUGH GRADE SITE AND INTERNAL ROADS.

4 CONSTRUCT RETAINING WALLS FOR PARKING GARAGE.

5 CONSTRUCT STORM DRAINAGE AND UTILITIES FOR PARKING GARAGE.

6 CONSTRUCT PARKING GARAGE.

7 CONTRUCT INTERNAL ROADS AND PARKING AREAS.

8 MAINTAIN EXISTING TRAFFIC PATTERNS.

9 CONSTRUCT DRAINAGE IN MEDIAN OF POTOMAC CENTER BOULEVARD USING OFF-PEAK INSIDE LANE CLOSURES PER TTC-17J AND TTC-27J IN THE VDOT WAPM.

MOT STAGE 2
NOTE: THE FOLLOWING ORDER IS ARBITRARY AND MAY BE DONE IN ANY ORDER OR SIMULTANEOUSLY. IN ADDITION, THESE IMPROVEMENTS MAY BE DONE SIMULTANEOUSLY WITH THE GARAGE SITE IMPROVEMENTS IN MOT STAGE 1.

1 CONSTRUCT RIGHT TURN LANE ON OPITZ BOULEVARD TO I-95 RAMP USING OFF-PEAK OUTSIDE LANE CLOSURES PER TTC-16J, TTC-27J AND TTC-37J IN THE VDOT WAPM.

2 CONSTRUCT NB RIGHT TURN LANE AND BUS ROAD TIE-IN ALONG NB RIVER ROCK WAY USING OFF-PEAK OUTSIDE LANE CLOSURES PER TTC-16J IN THE VDOT WAPM. MAINTAIN EXISTING SHARED-USE PATH DURING CONSTRUCTION OF NEW SHARED-USE PATH.

3 CONSTRUCT EB RIGHT TURN LANE ALONG EB OPITZ BOULEVARD USING OFF-PEAK OUTSIDE LANE CLOSURES PER TTC-16J AND TTC-27J IN THE VDOT WAPM.

4 RECONSTRUCT MEDIAN (ISLAND 4) OF POTOMAC CENTER BOULEVARD USING OFF-PEAK INSIDE LANE CLOSURES PER TTC-17J AND TTC-27J IN THE VDOT WAPM.

5 CONSTRUCT CAR ROAD TIE-IN TO BRIDGE VIEW DRIVE USING OFF-PEAK OUTSIDE LANE CLOSURES. CONSTRUCT TEMPORARY ASPHALT ADA COMPLIANT RAMPS AS NECESSARY TO MAINTAIN PEDESTRIAN ACCESSIBILITY.

6 RECONSTRUCT MEDIAN (ISLAND 5) OF POTOMAC CENTER BOULEVARD NORTH OF DALE BOULEVARD USING OFF-PEAK INSIDE LANE CLOSURES PER TTC-17J AND TTC-27J IN THE VDOT WAPM.

MOT STAGE 3
NOTE: THE FOLLOWING ORDER IS ARBITRARY AND MAY BE DONE IN ANY ORDER OR SIMULTANEOUSLY.

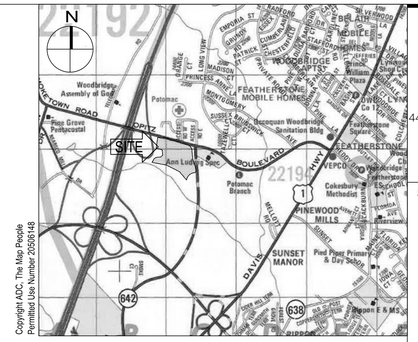
1 RECONSTRUCT MEDIAN (ISLAND 1) OF RIVER ROCK WAY USING OFF-PEAK INSIDE LANE CLOSURES PER TTC-26J AND TTC-27J IN THE VDOT WAPM. DETOUR SB RIVER ROCK WAY AS NECESSARY DURING OVERNIGHT HOURS; DETOUR TO POTOMAC CENTER BOULEVARD TO BRIDGE VIEW DRIVE TO RIVER WALK WAY.

2 RECONSTRUCT MEDIAN LEFT-TURN LANE (ISLAND 2) OF OPITZ BOULEVARD USING OFF-PEAK INSIDE LANE CLOSURES PER TTC-26J AND TTC-27J IN THE VDOT WAPM.

3 RECONSTRUCT MEDIAN LEFT-TURN LANE (ISLAND 3) OF OPITZ BOULEVARD USING OFF-PEAK INSIDE LANE CLOSURES PER TTC-26J AND TTC-27J IN THE VDOT WAPM.

4 RECONSTRUCT CHANNELIZING ISLAND (ISLAND 6) IN SW QUADRANT OF OPITZ BOULEVARD/POTOMAC CENTER BOULEVARD INTERSECTION USING OFF-PEAK LANE CLOSURES PER TTC-27J AND TTC-38J IN THE VDOT WAPM.

5 CONSTRUCT BUS ROAD TIE-IN TO POTOMAC CENTER BOULEVARD AND BUS ROAD CHANNELIZING ISLAND AT POTOMAC CENTER BOULEVARD USING OFF-PEAK OUTSIDE LANE CLOSURES PER TTC-27J IN THE VDOT WAPM.



VICINITY MAP
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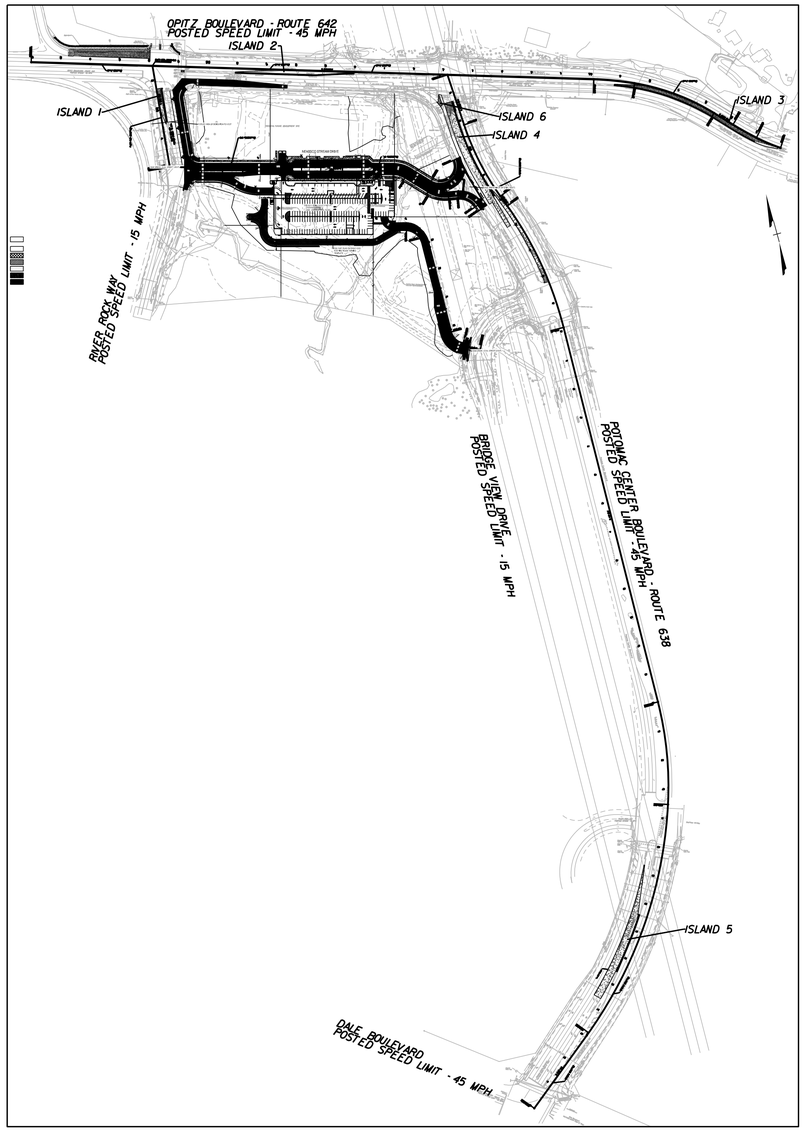

LOCATION MAP

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44 Canal Center Plaza, Suite 100
Alexandria, Virginia 22314
Telephone 703.836.7766

STRUCTURAL/FUNCTIONAL/MEP
WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

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TRASPORTATION MANAGEMENT PLAN

DATE: Au August 5, 2022

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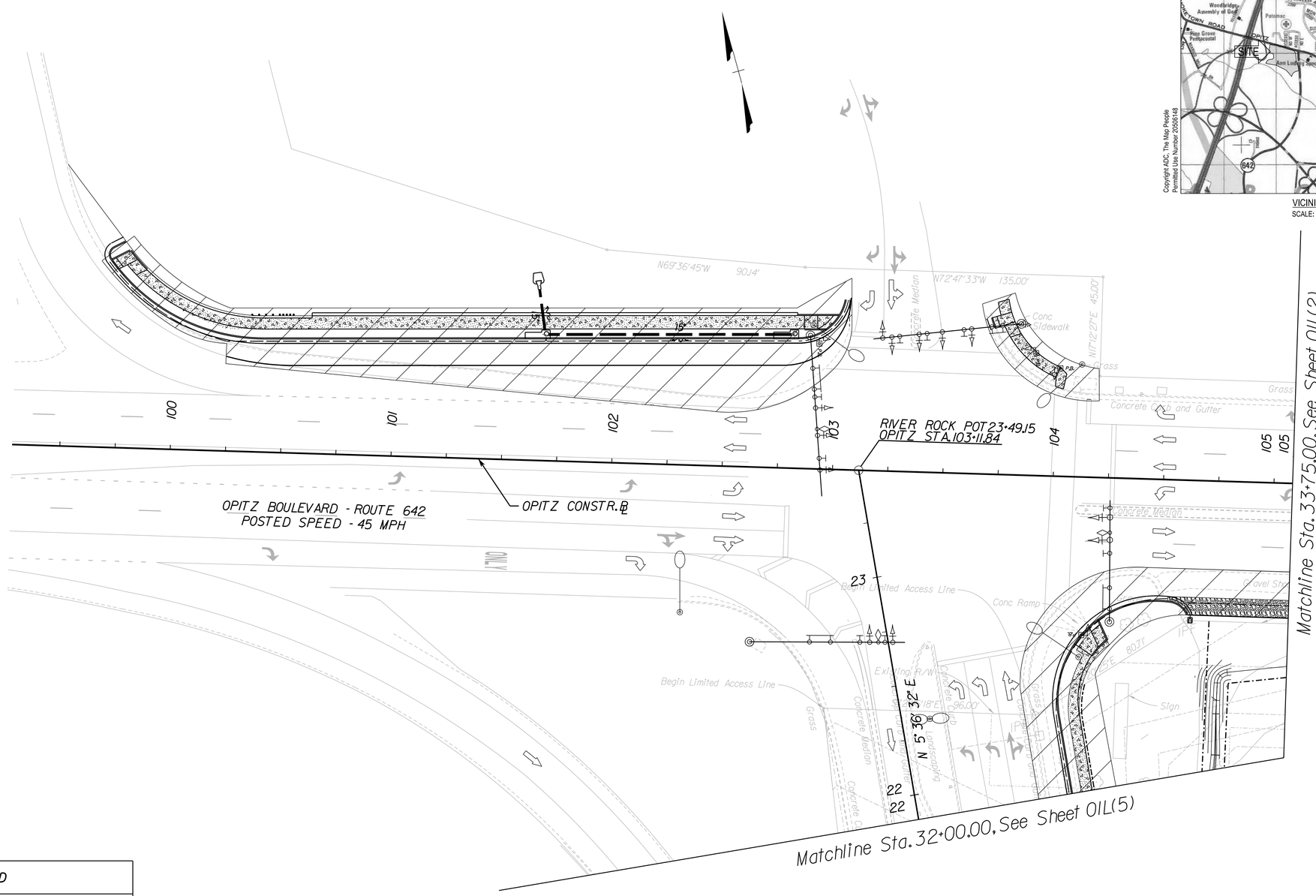

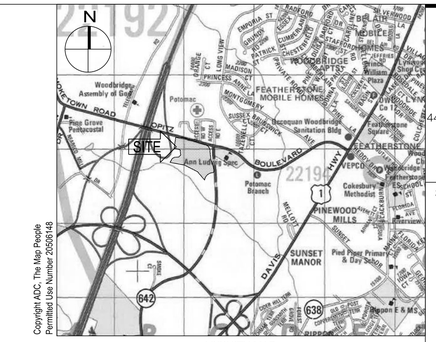

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565 EAST SWEDESFORD ROAD
SUITE 300
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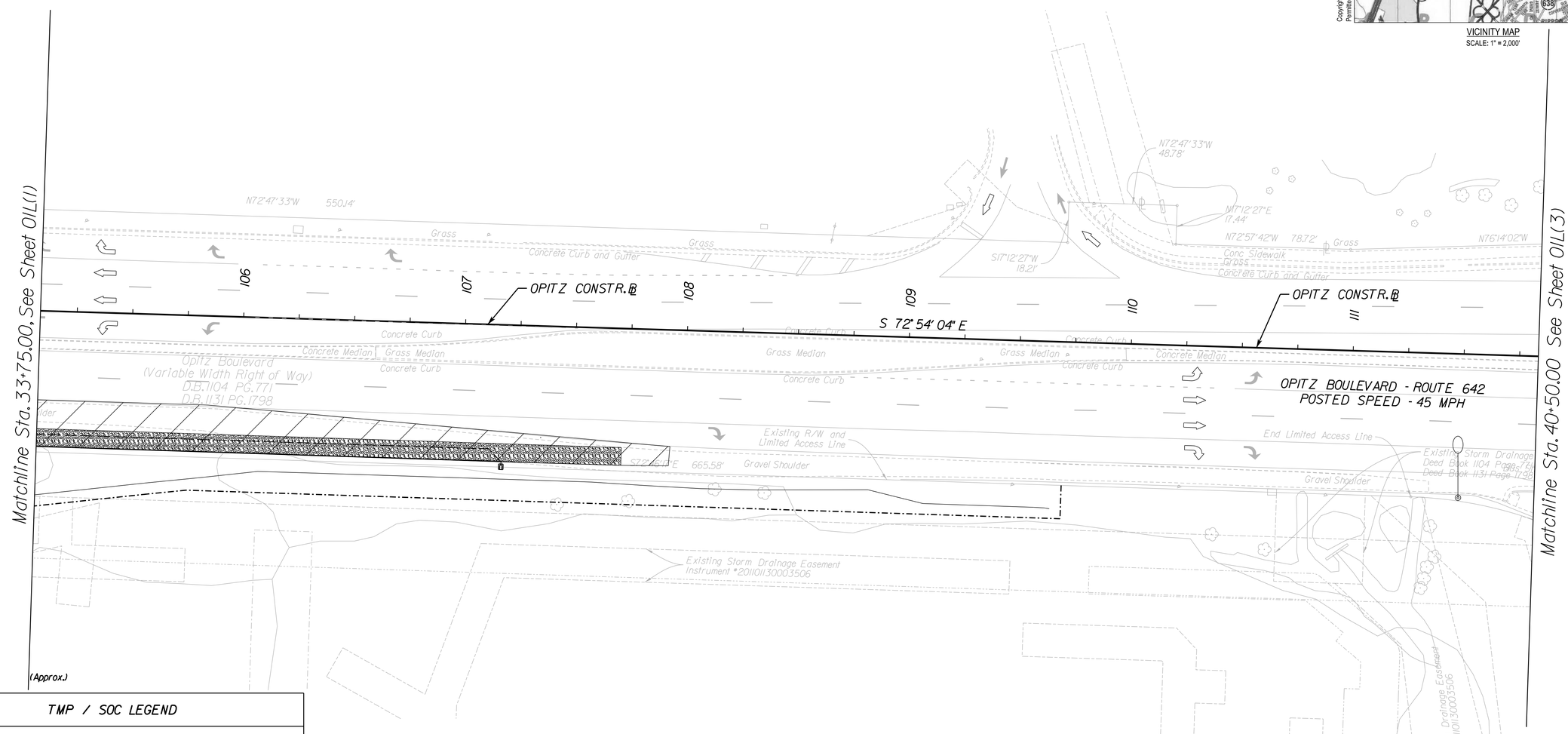

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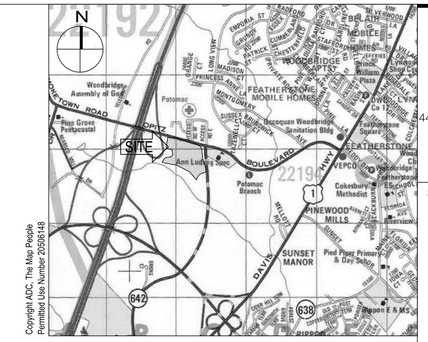

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WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

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300 EAST JOPPA ROAD
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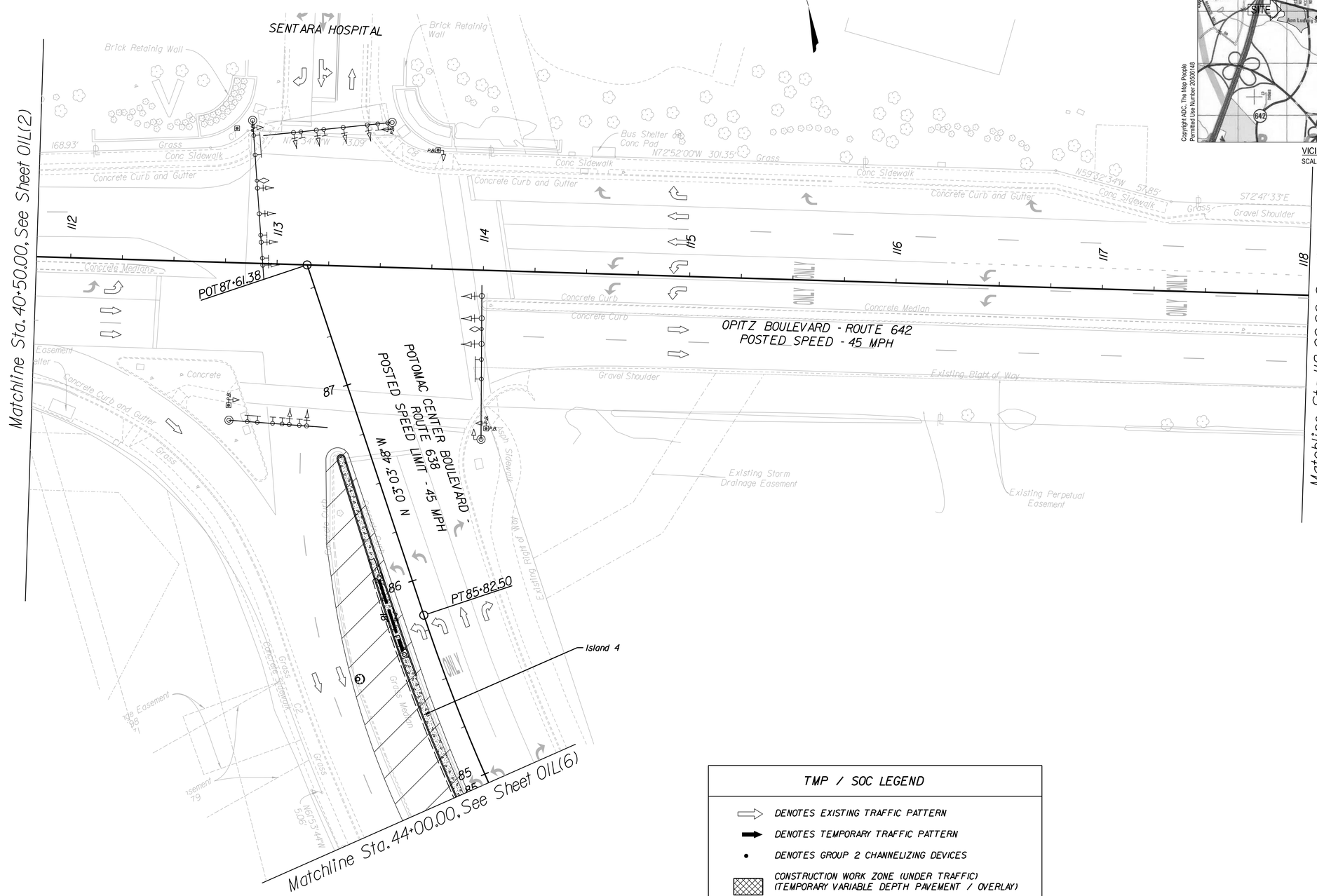

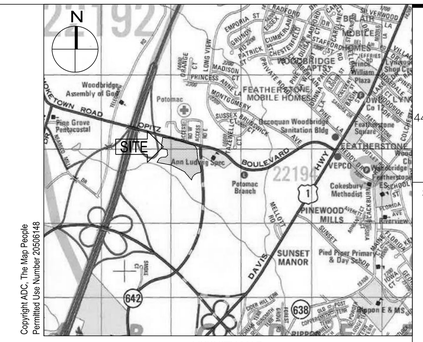

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SUITE 300
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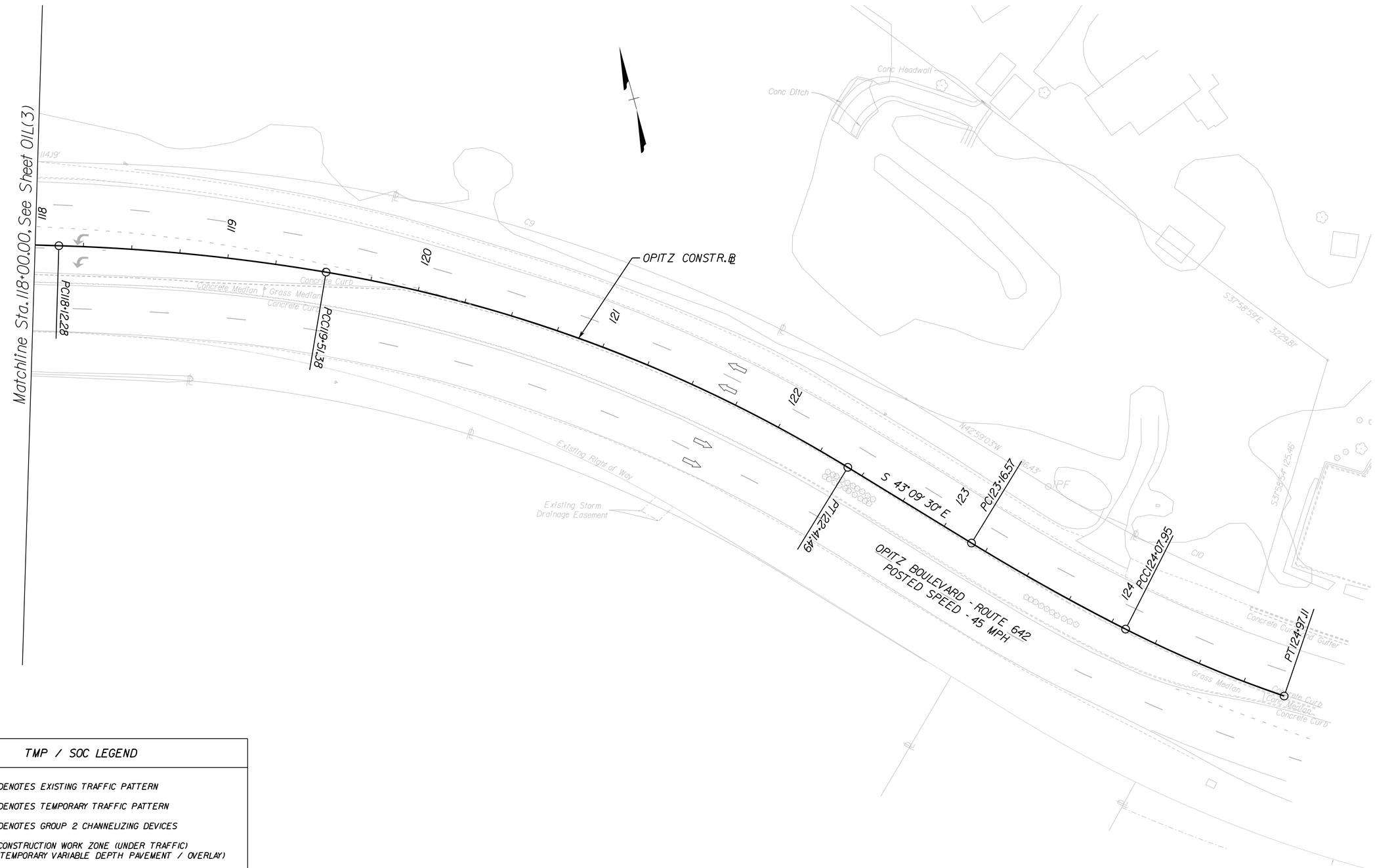

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WALKER CONSULTANTS
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SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER

WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
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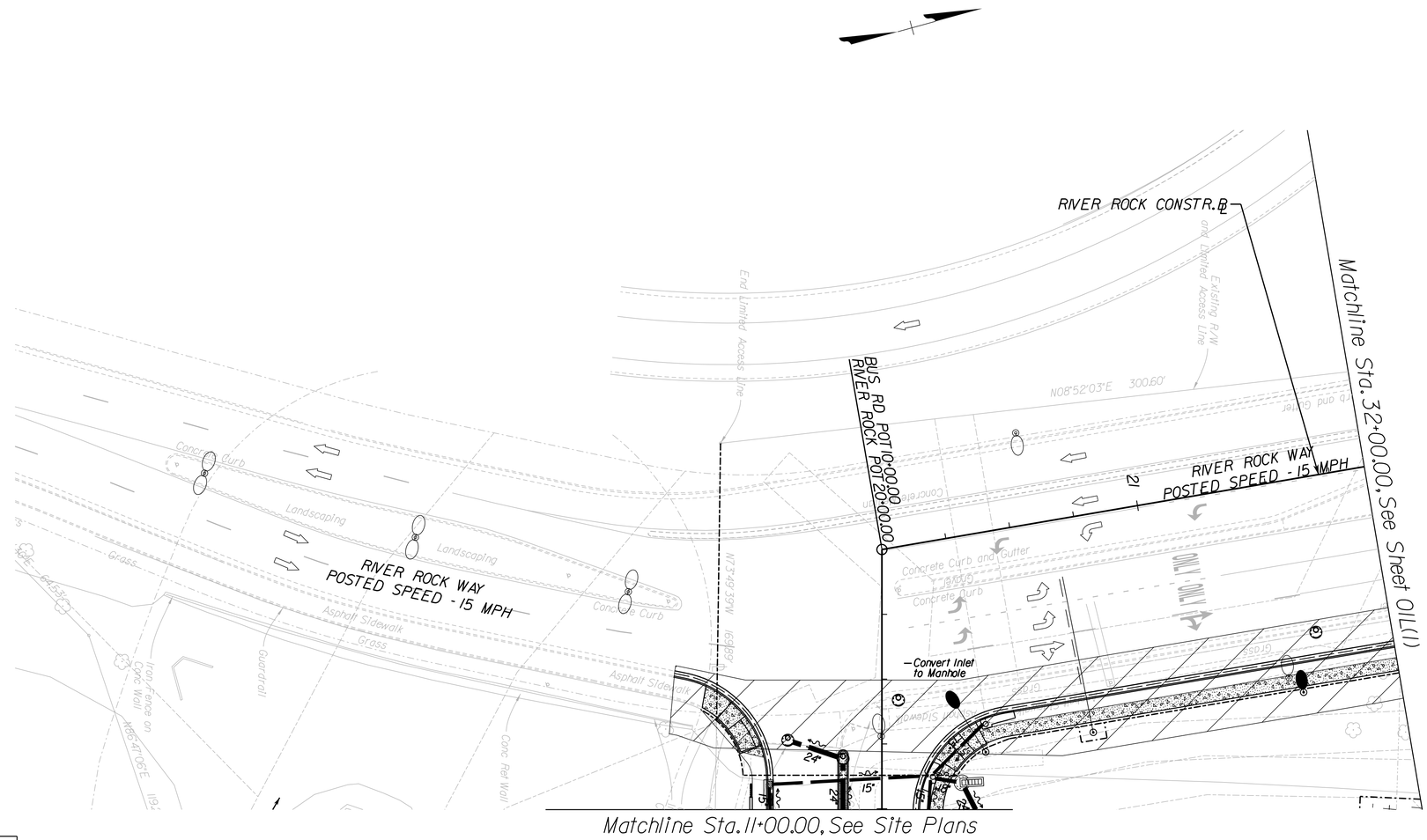

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SCALE 0 25' 50'

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WAYNE, PA 19087
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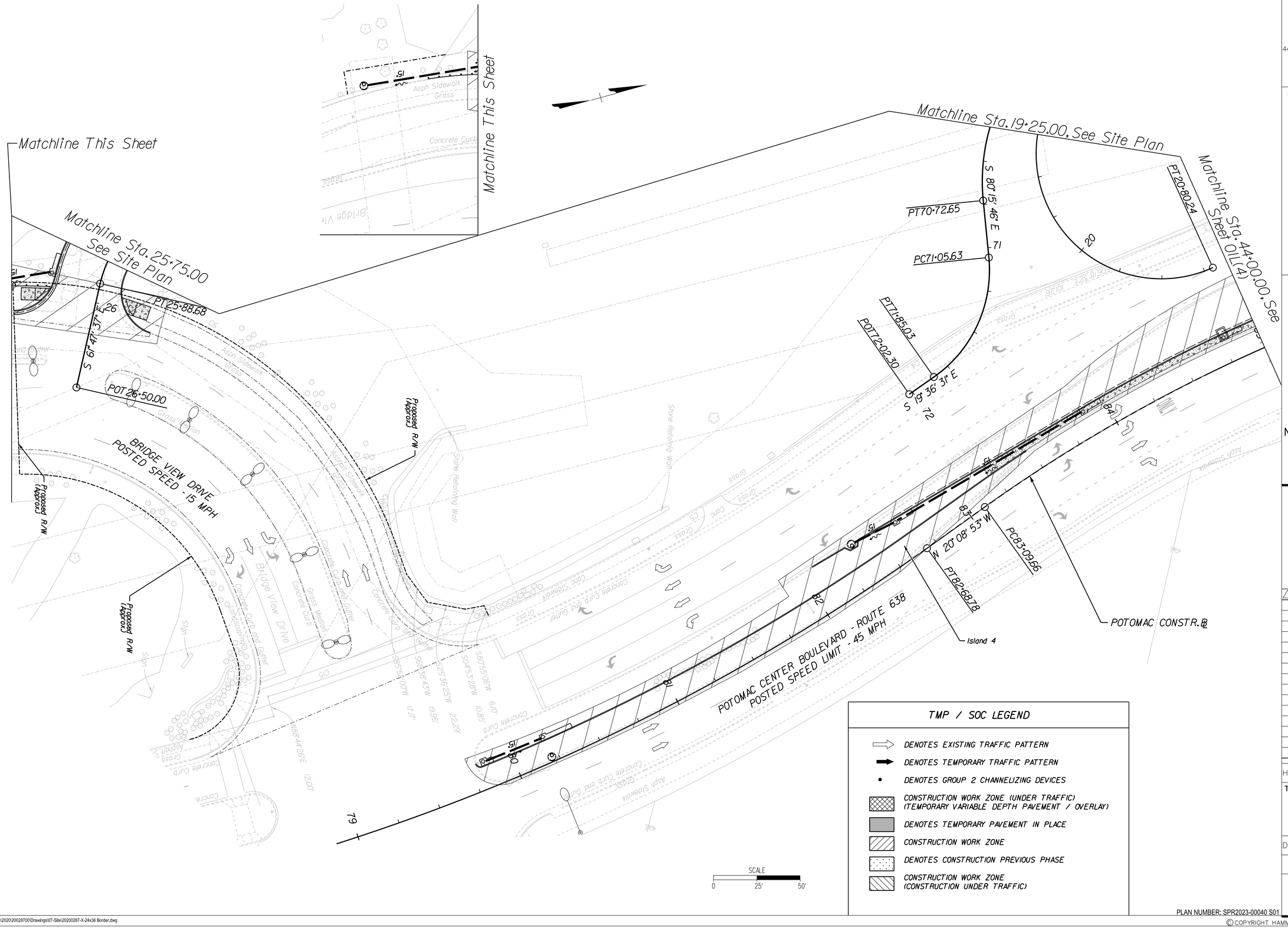

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WALKER CONSULTANTS

WBCM

WHITING-TURNER

NEABSCO COMMUTER PARKING GARAGE

PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

△NO	DESCRIPTION	DATE

ISSUANCE HISTORY – THIS SHEET

HGA NO: COMMISSION NO.

TRAFFIC CONTROL PLANS (STAGE 2)

DATE: August 5, 2022

PUBLIC HEARING

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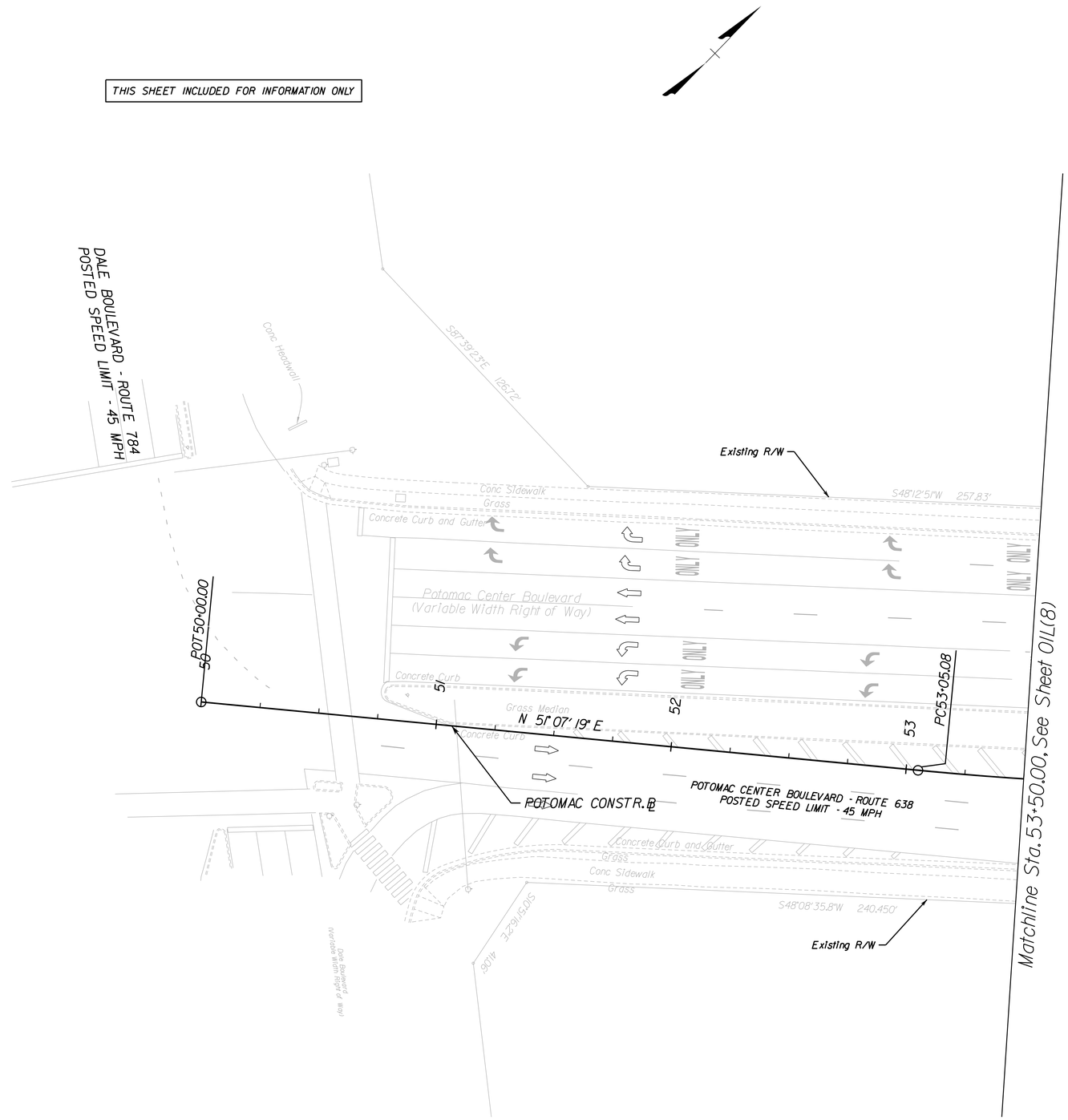

TMP / SOC LEGEND

- DENOTES EXISTING TRAFFIC PATTERN
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- DENOTES TEMPORARY PAVEMENT IN PLACE
- CONSTRUCTION WORK ZONE
- DENOTES CONSTRUCTION PREVIOUS PHASE
- CONSTRUCTION WORK ZONE (CONSTRUCTION UNDER TRAFFIC)

SCALE 0 25' 50'

PLAN NUMBER: SPR2023-00040 S01

HGA
44 Canal Center Plaza, Suite 100
Alexandria, Virginia 22314
Telephone 703.836.7766

STRUCTURAL/FUNCTIONAL/MEP

WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER

WBCM
300 EAST JOPPA ROAD
SUITE 200
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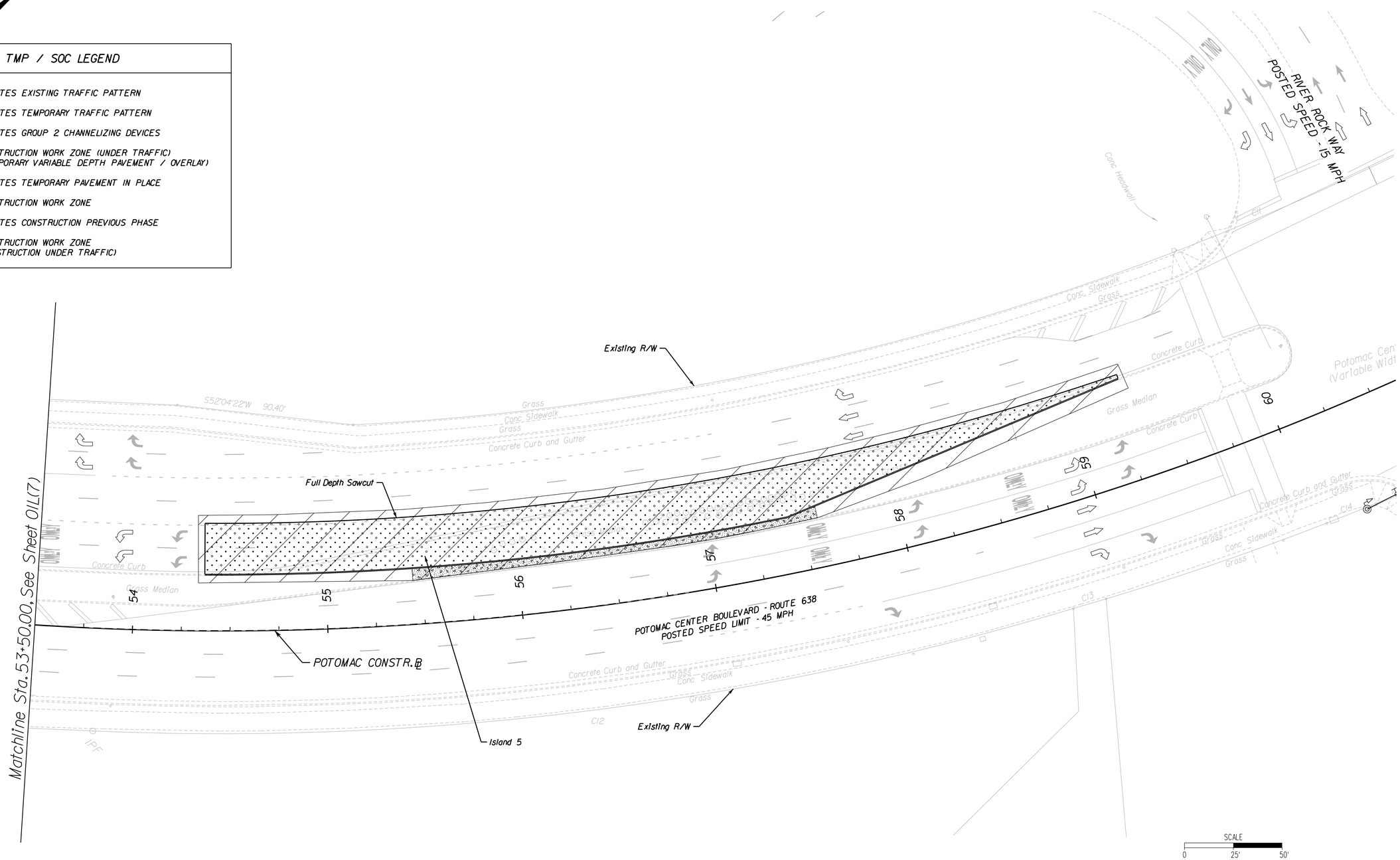

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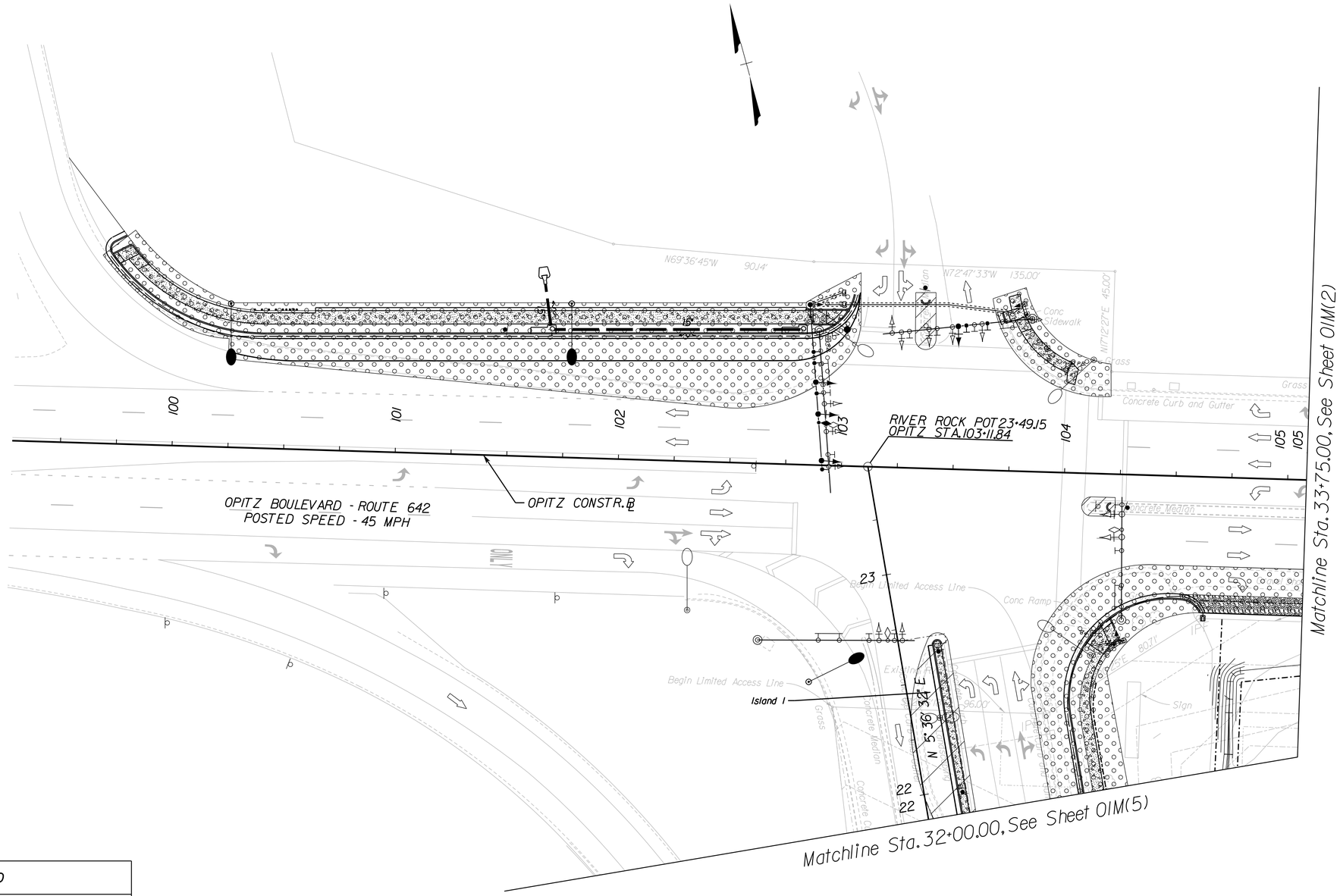

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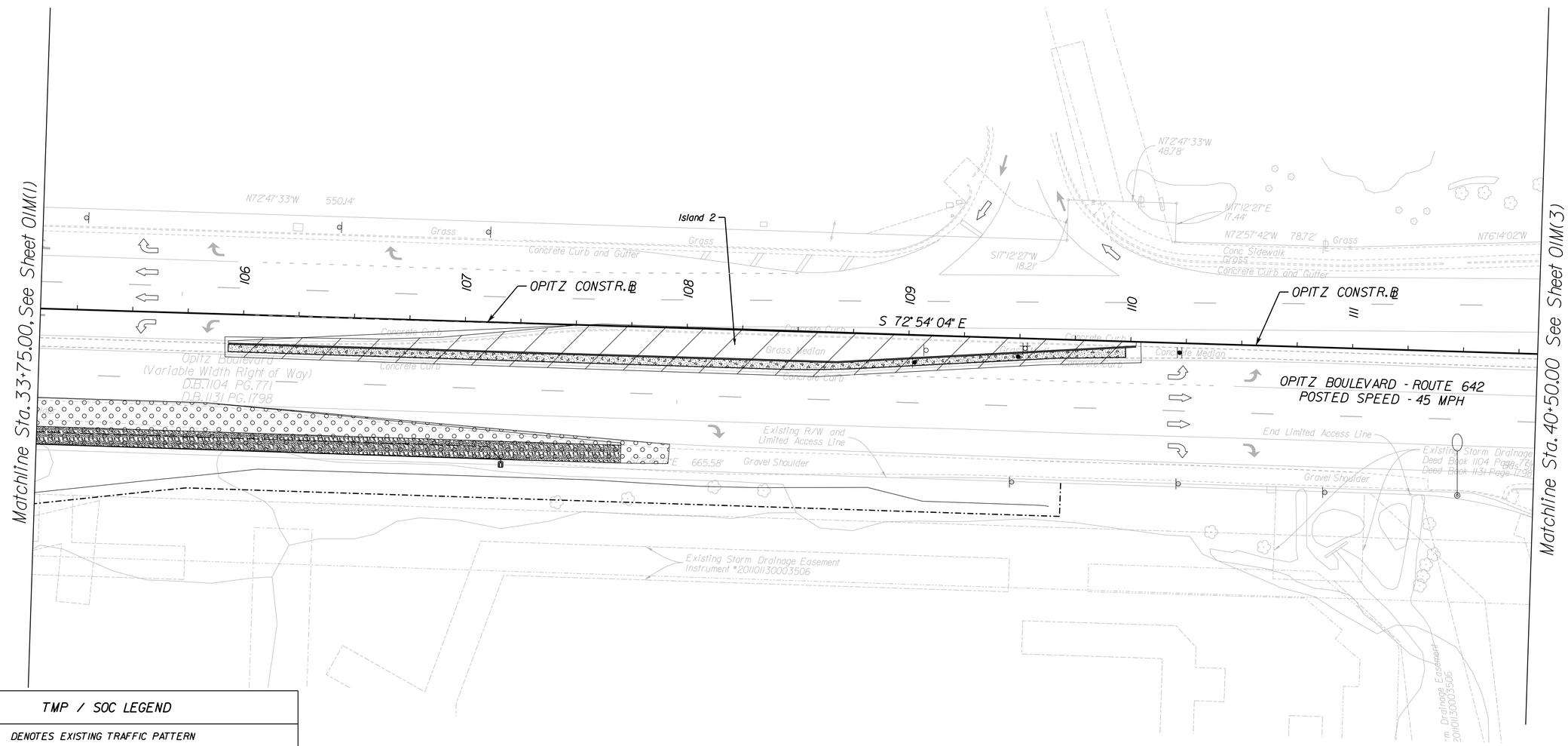

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SCALE
0 25' 50'

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TRAFFIC CONTROL PLANS (STAGE 3)

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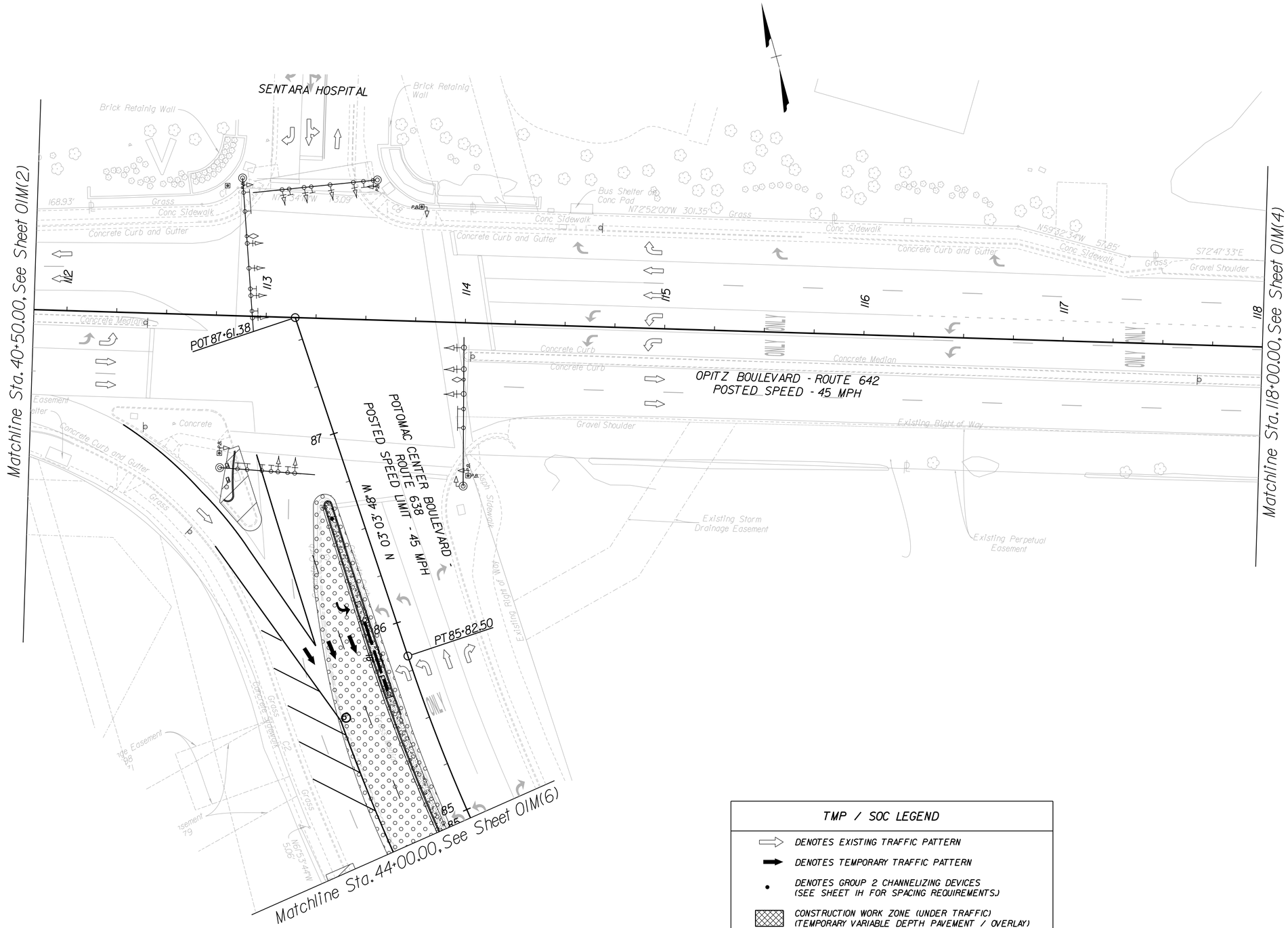

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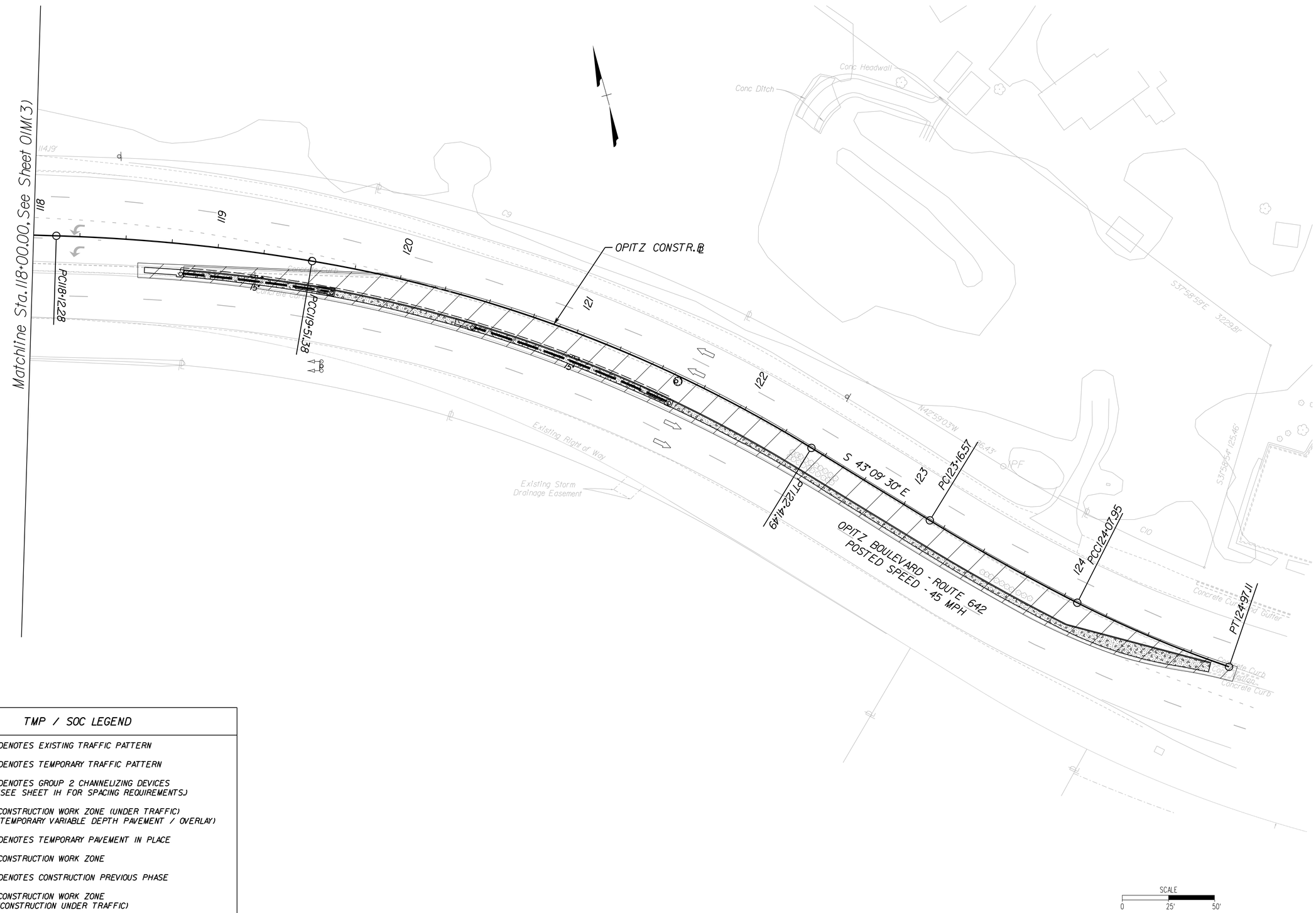

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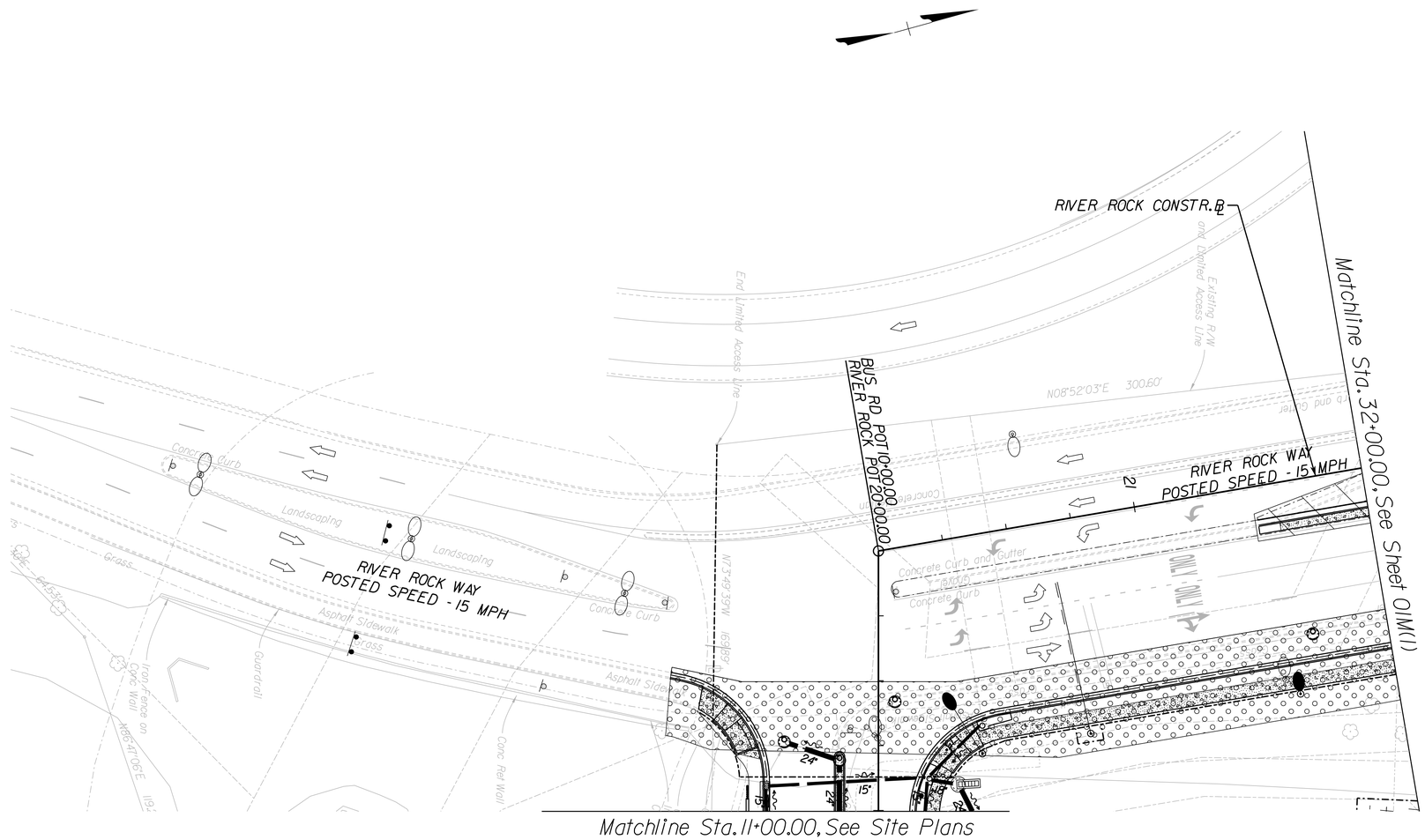

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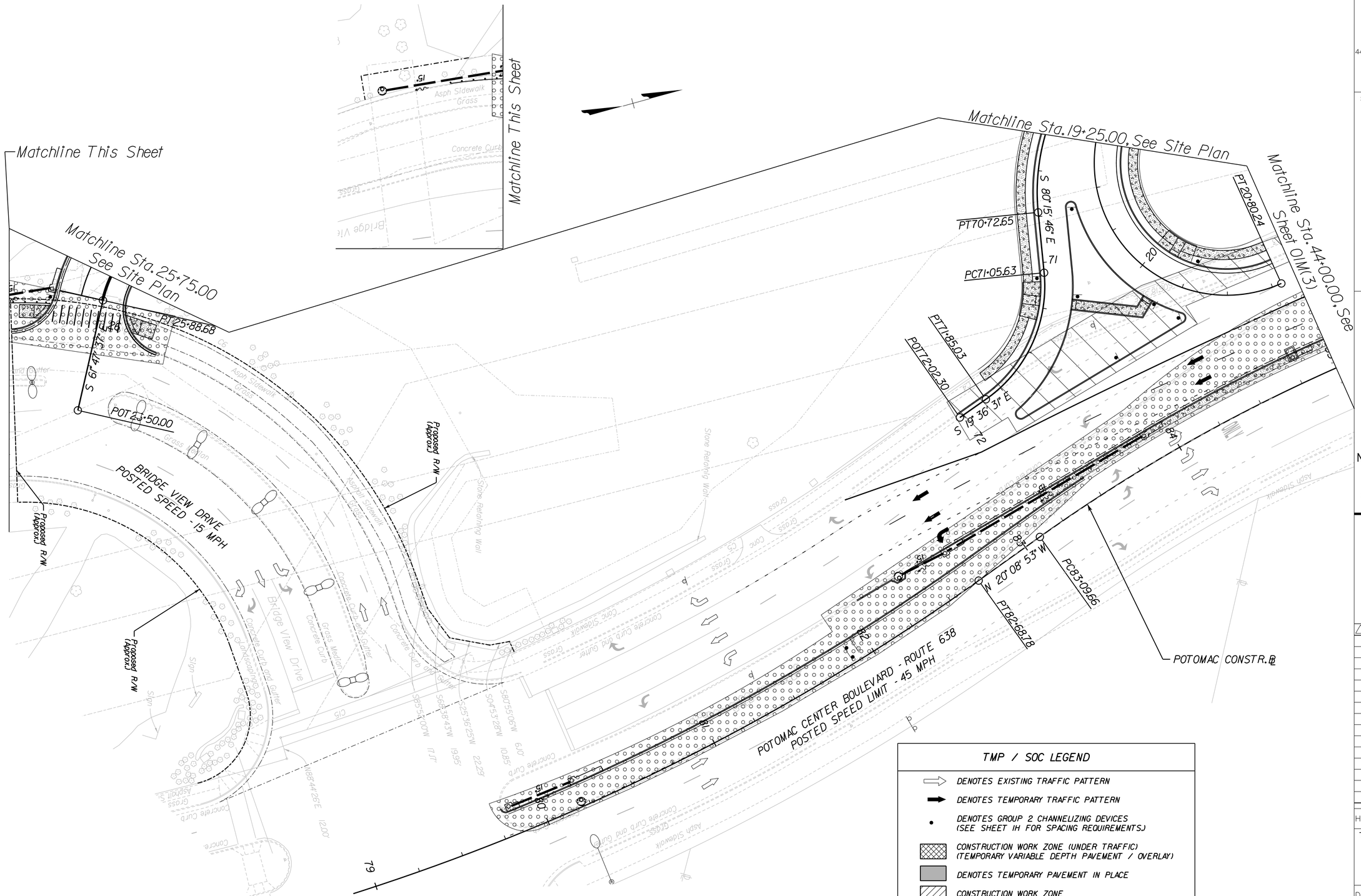

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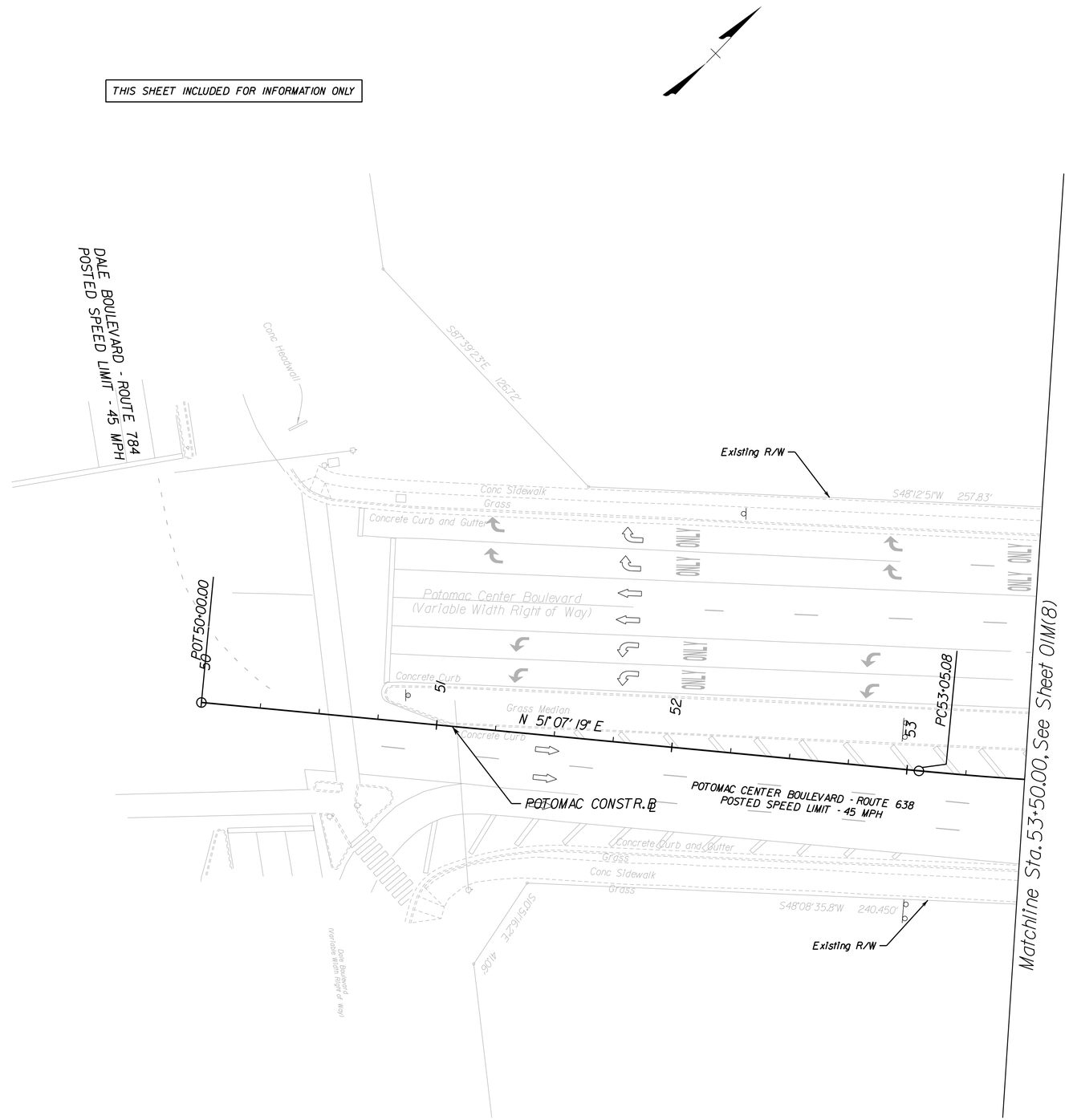

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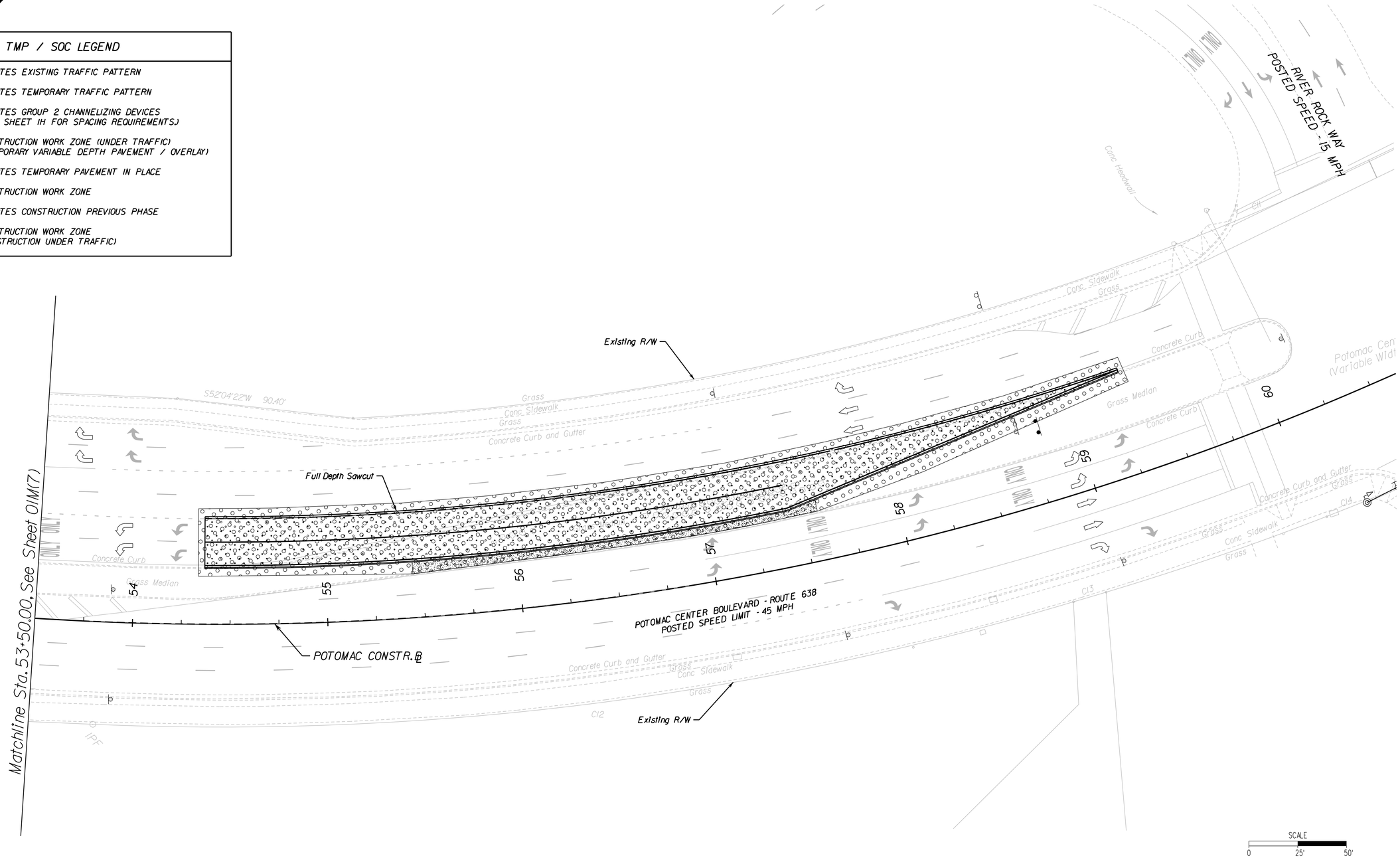

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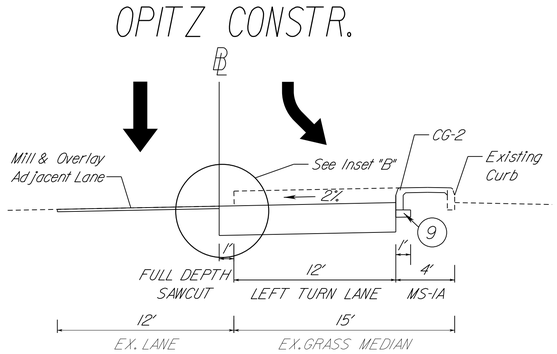
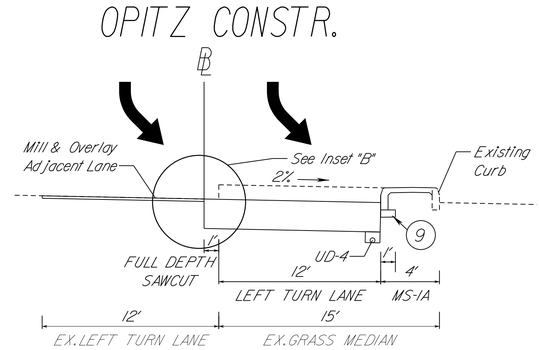
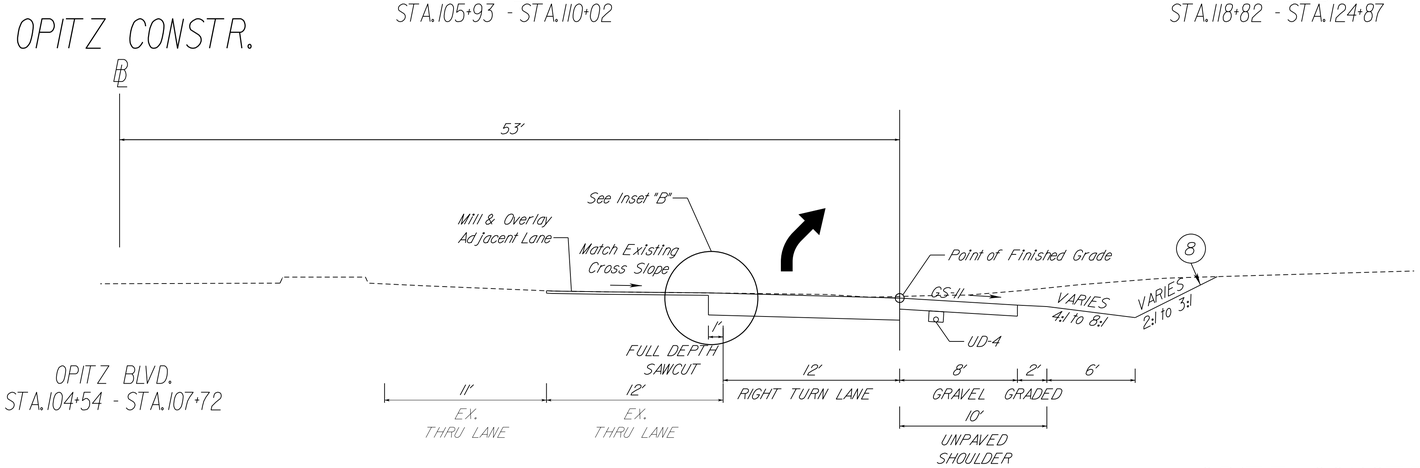
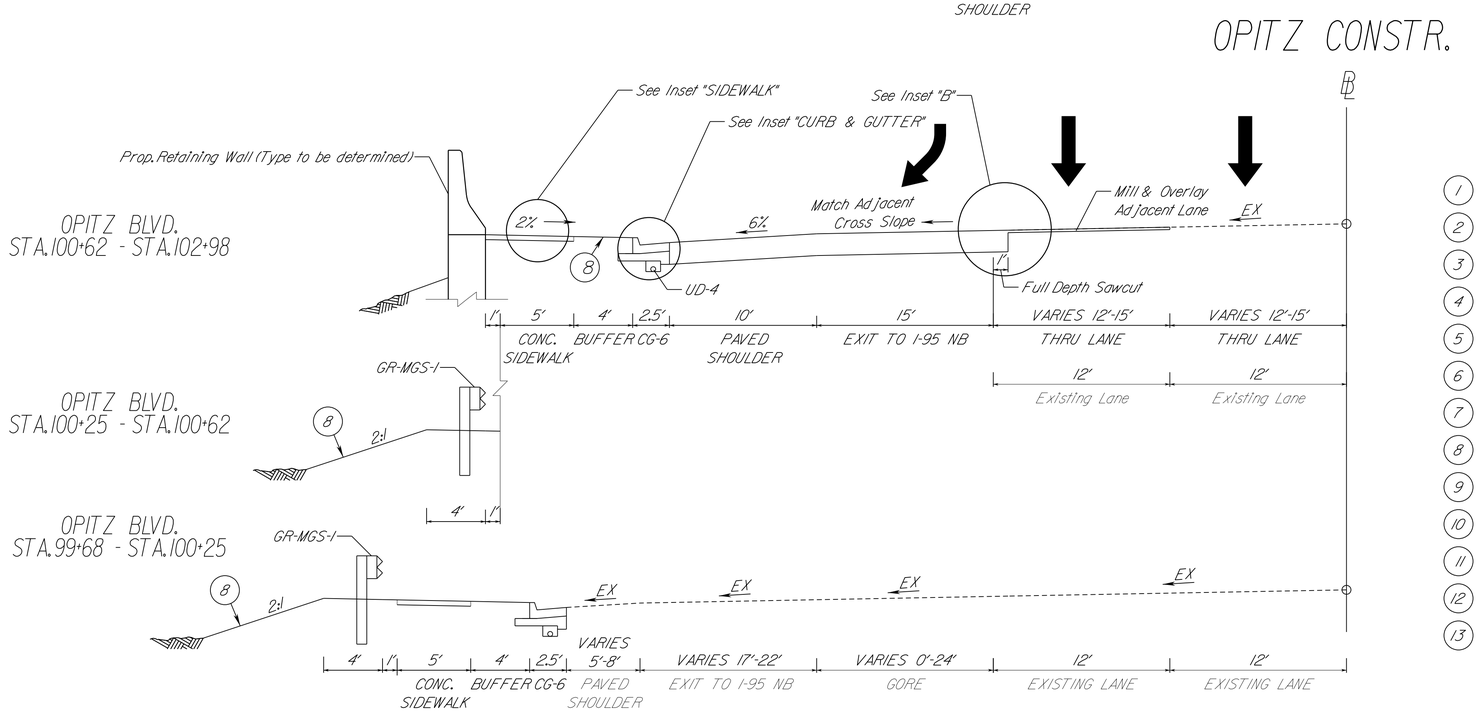
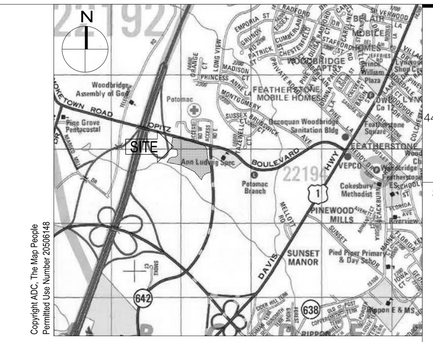




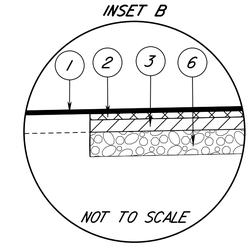






VICINITY MAP
SCALE: 1" = 2,000'

INSET B



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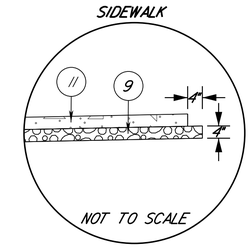
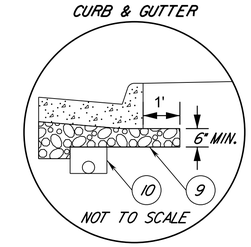


CURB & GUTTER



1. 1.5" Asphalt Concrete, Type SM-9.5D
2. 2.0" Asphalt Concrete, Type IM-19.0A
3. 9.0" Asphalt Concrete, Type BM-25.0A
4. 7.5" Asphalt Concrete, Type BM-25.0A
5. 4.0" Asphalt Concrete, Type BM-25.0A
6. 8.0" Aggregate Base Material, VDOT No. 21B
7. 10.0" Aggregate Base Material, VDOT No. 21B
8. Topsoil, Seed and Fertilizer
9. Dense Graded Aggregate Type I, Size No. 21-B
10. Standard UD-4
11. 4.0" Hydraulic Cement Concrete Class A3
12. 2" Asphalt Concrete, Type SM-9.5A
13. 6.0" Aggregate Base Material Type I, No. 21B

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

HGA
44 Canal Center Plaza, Suite 100
Alexandria, Virginia 22314
Telephone 703.836.7766

STRUCTURAL/FUNCTIONAL/MEP
WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

WALKER CONSULTANTS
WBCM
WHITING-TURNER

NEABSCO COMMUTER PARKING GARAGE
PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

TYPICAL SECTION

DATE: August 5, 2022

PH SUBMISSION

2A(1)

PLAN NUMBER: SPR2023-00040 S01

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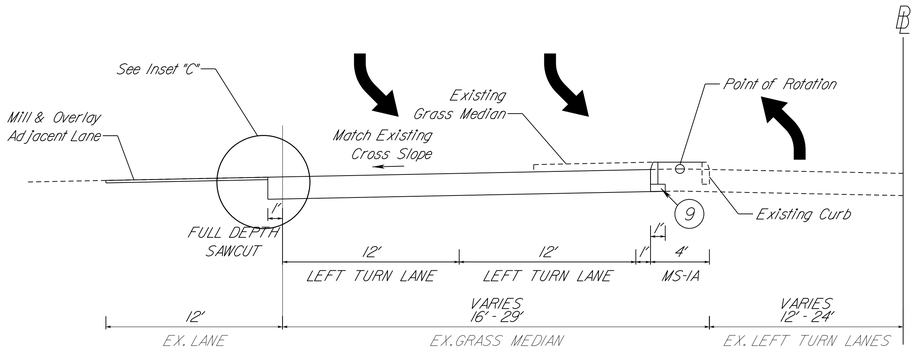
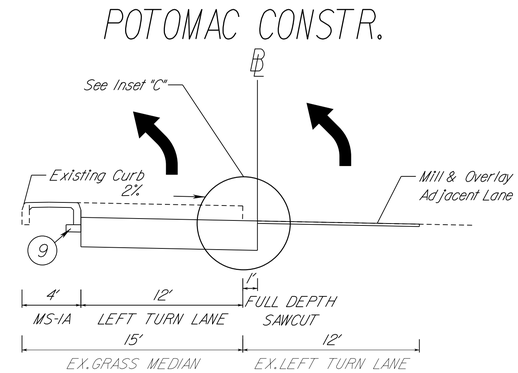


POTOMAC CENTER BLVD.
STA.54+36 - STA.59+29.10



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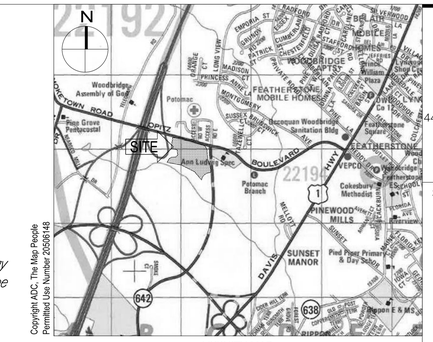
STA.79+80 - STA.83+47

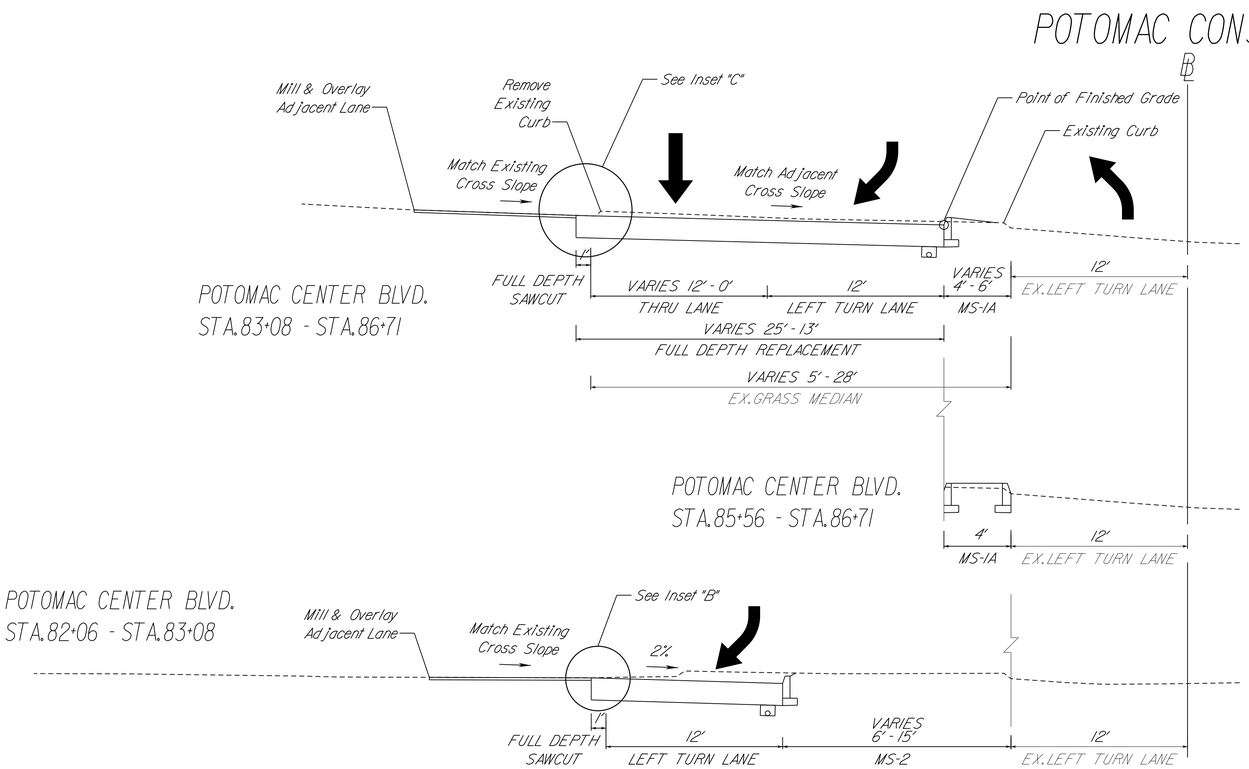


VICINITY MAP
SCALE: 1" = 2,000'

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

NOTES:

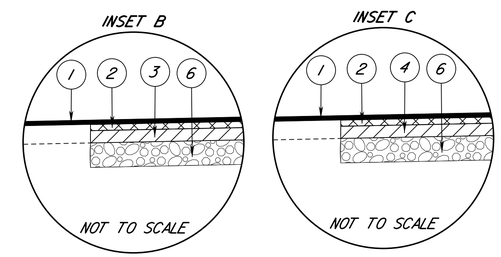
1. All pavement widening shall be in accordance with standard WP-2.
2. All widening on high sides of pavement cross slopes shall use Cement Treated Aggregate (CTA) as a subbase.
3. The pavement subgrade slope shall be designed such that the pavement subbase material can properly drain to a standard UD-4 edge drain.



POTOMAC CENTER BLVD.
STA.83+08 - STA.86+71

POTOMAC CENTER BLVD.
STA.85+56 - STA.86+71

POTOMAC CENTER BLVD.
STA.82+06 - STA.83+08



1. 1.5" Asphalt Concrete, Type SM-9.5D
2. 2.0" Asphalt Concrete, Type IM-19.0A
3. 9.0" Asphalt Concrete, Type BM-25.0A
4. 7.5" Asphalt Concrete, Type BM-25.0A
5. 4.0" Asphalt Concrete, Type BM-25.0A
6. 8.0" Aggregate Base Material, VDOT No. 21B
7. 10.0" Aggregate Base Material, VDOT No. 21B
8. Topsoil, Seed and Fertilizer
9. Dense Graded Aggregate Type I, Size No. 21-B
10. Standard UD-4
11. 4.0" Hydraulic Cement Concrete Class A3
12. 2" Asphalt Concrete, Type SM-9.5A
13. 6.0" Agregate Base Material Type I, No. 21B

NOTES:

1. All pavement widening shall be in accordance with standard WP-2.
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HGA
44 Canal Center Plaza, Suite 100
Alexandria, Virginia 22314
Telephone 703.836.7766

STRUCTURAL/FUNCTIONAL/MEP
WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

NEABSCO COMMUTER PARKING GARAGE
PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

TYPICAL SECTION

DATE: August 5, 2022

PH SUBMISSION

2A(2)

PLAN NUMBER: SPR2023-00040 S01

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4. 7.5" Asphalt Concrete, Type BM-25.0A
5. 4.0" Asphalt Concrete, Type BM-25.0A
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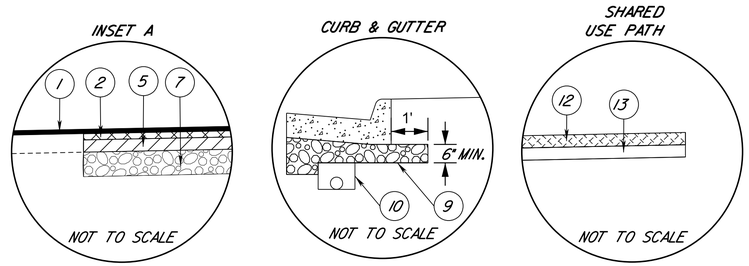
7. 10.0" Aggregate Base Material, VDOT No. 21B
8. Topsoil, Seed and Fertilizer
9. Dense Graded Aggregate Type I, Size No. 21-B
10. Standard UD-4
11. 4.0" Hydraulic Cement Concrete Class A3
12. 2" Asphalt Concrete, Type SM-9.5A
13. 6.0" Aggregate Base MAterial Type I, No. 21B



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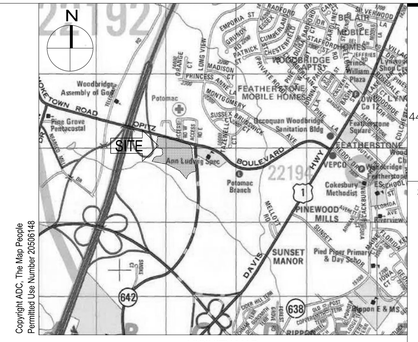

VICINITY MAP
SCALE: 1" = 2,000'

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Telephone 703.836.7766

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WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
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WAYNE, PA 19087
610.995.0260

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2450 NEABSCO STREAM DRIVE
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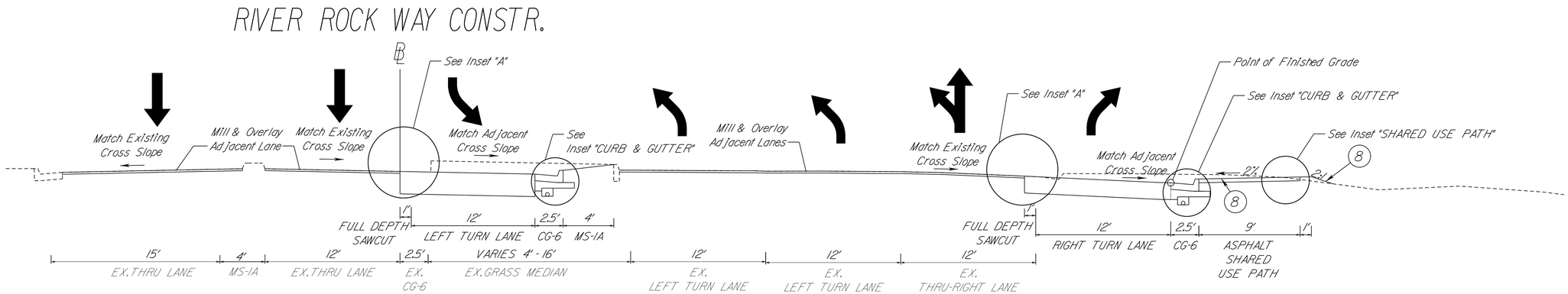
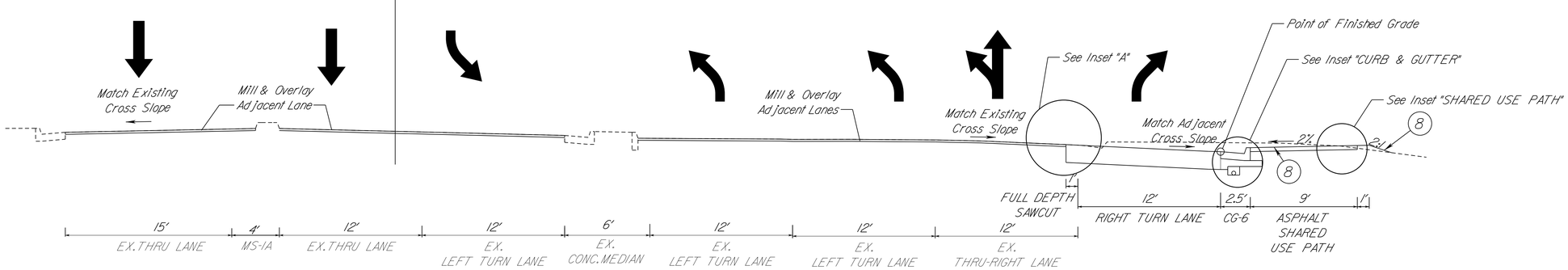


RIVER ROCK WAY
STA. 21+46 - STA. 22+68



RIVER ROCK WAY
STA. 20+36 - STA. 21+46
STA. 22+68 - STA. 22+90

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

TYPICAL SECTION

DATE: August 5, 2022

PH SUBMISSION

2A(3)

PLAN NUMBER: SPR2023-00040 S01

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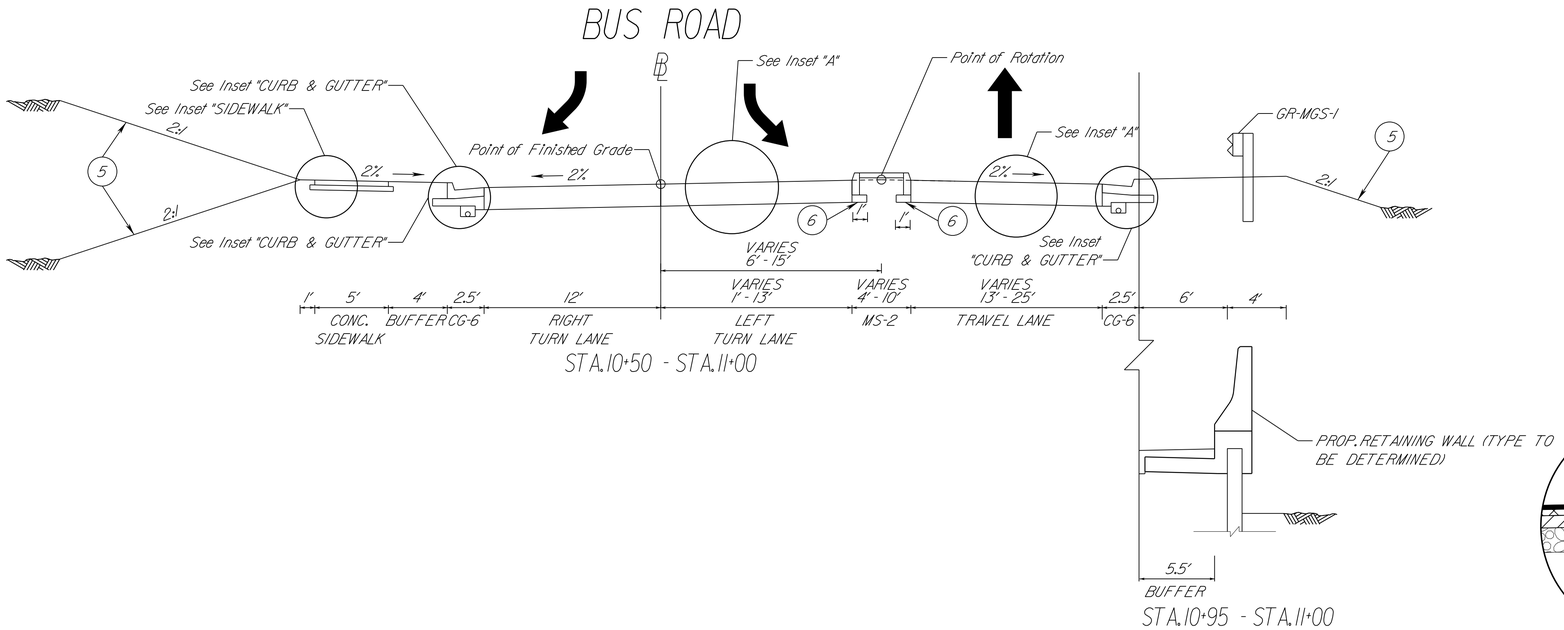

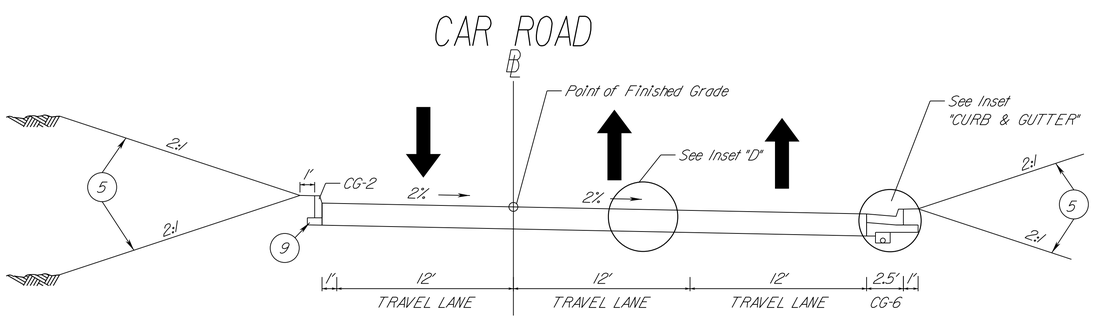

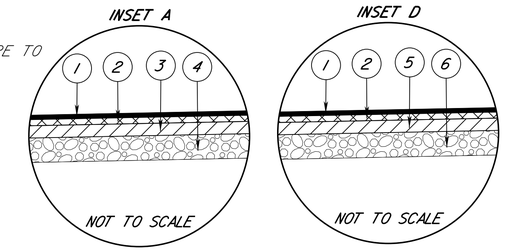

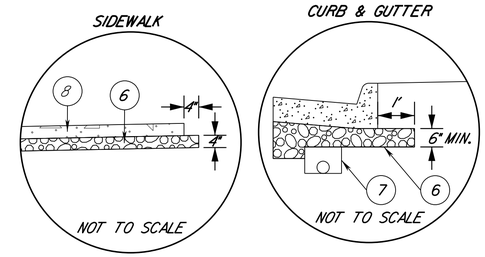

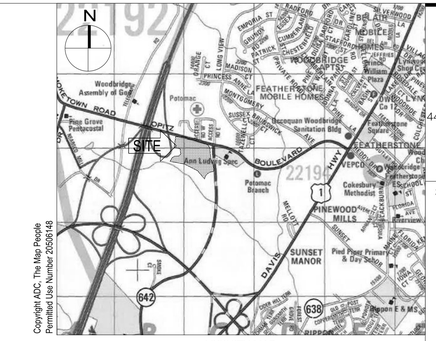

VICINITY MAP
SCALE: 1" = 2,000'

1. 1.5" Asphalt Concrete, Type SM-9.5A
2. 2.0" Asphalt Concrete, Type IM-19.0A
3. 5.0" Asphalt Concrete, Type BM-25.0A
4. 8.0" Aggregate Base Material, VDOT No. 21B
5. Topsoil, Seed and Fertilizer
6. Dense Graded Aggregate Type I, Size No. 21-B
7. Standard UD-4
8. 4.0 In. Hydraulic Cement Concrete Class A3

NOTES:

1. All pavement widening shall be in accordance with standard WP-2.
2. All widening on high sides of pavement cross slopes shall use Cement Treated Aggregate (CTA) as a subbase.
3. The pavement subgrade slope shall be designed such that the pavement subbase material can properly drain to a standard UD-4 edge drain.

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HGA
44 Canal Center Plaza, Suite 100
Alexandria, Virginia 22314
Telephone 703.836.7766

STRUCTURAL/FUNCTIONAL/MEP
WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

WALKER CONSULTANTS
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WT WHITING-TURNER

NEABSCO COMMUTER PARKING GARAGE
PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

TYPICAL SECTION

DATE: August 5, 2022

PH SUBMISSION

2A(4)

PLAN NUMBER: SPR2023-00040 S01

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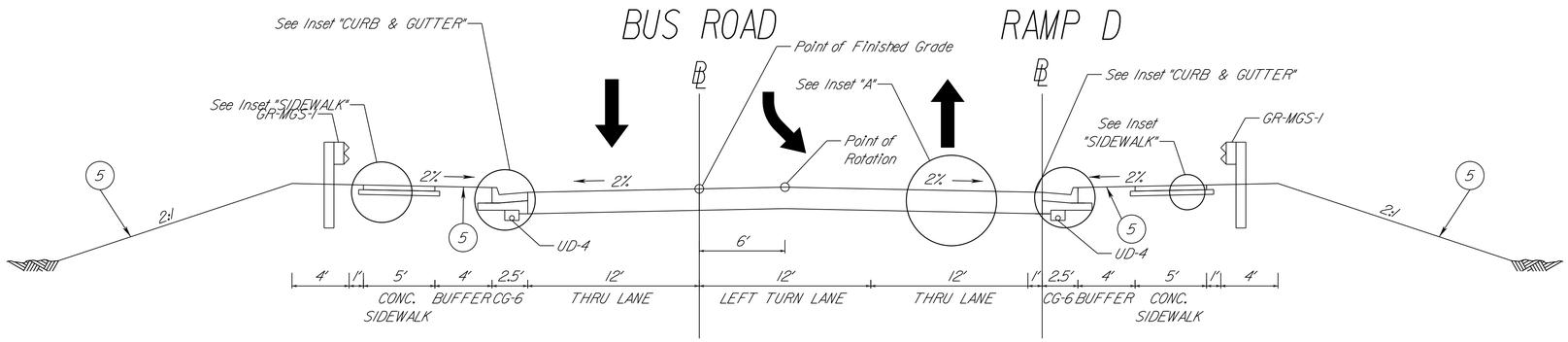
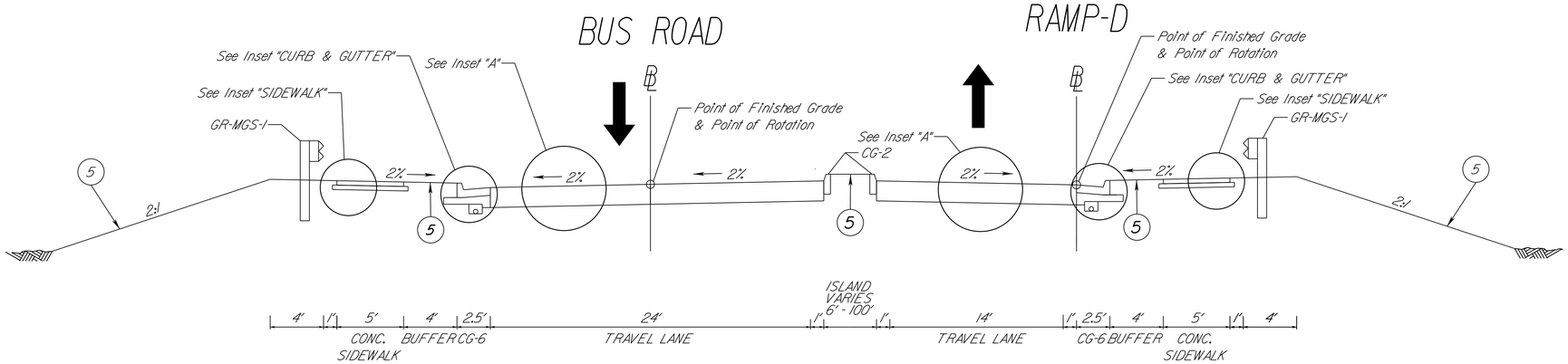
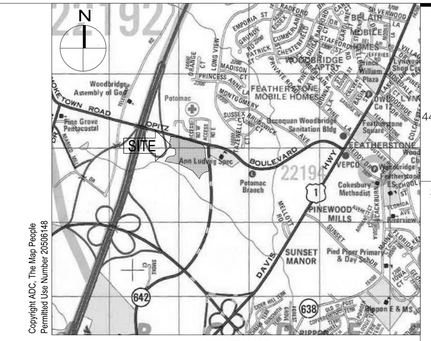


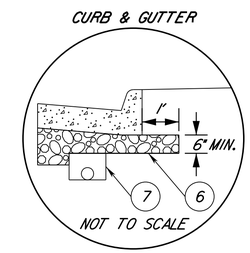
STA.19+25 - STA.19+53

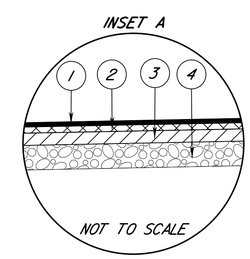


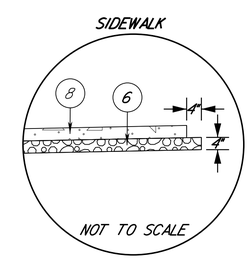
STA.19+53 - STA.20+79



VICINITY MAP
SCALE: 1" = 2,000'







NOTES:

1. All pavement widening shall be in accordance with standard WP-2.

2. All widening on high sides of pavement cross slopes shall use Cement Treated Aggregate (CTA) as a subbase.

3. The pavement subgrade slope shall be designed such that the pavement subbase material can properly drain to a standard UD-4 edge drain.

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1. 1.5 In. Asphalt Concrete, Type SM 9.5A
2. 2.0 In. Asphalt Concrete, Type IM-19.0A
3. 5.0 In. Asphalt Concrete, Type BM-25.0A
4. 8.0 In. Aggregate Base Material, VDOT No. 21B
5. Topsoil, Seed and Fertilizer
6. Dense Graded Aggregate Type I, Size No. 21-B
7. Standard UD-4
8. 4.0 In. Hydraulic Cement Concrete Class A3

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NEABSCO COMMUTER PARKING GARAGE
PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

TYPICAL SECTION

DATE: August 5, 2022

PH SUBMISSION

2A(5)

PLAN NUMBER: SPR2023-00040 S01

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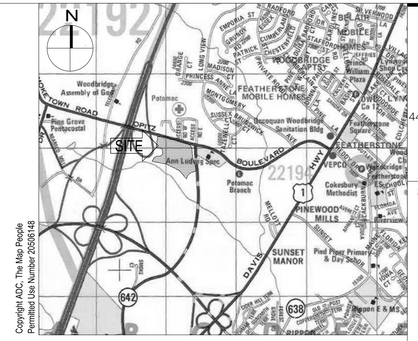
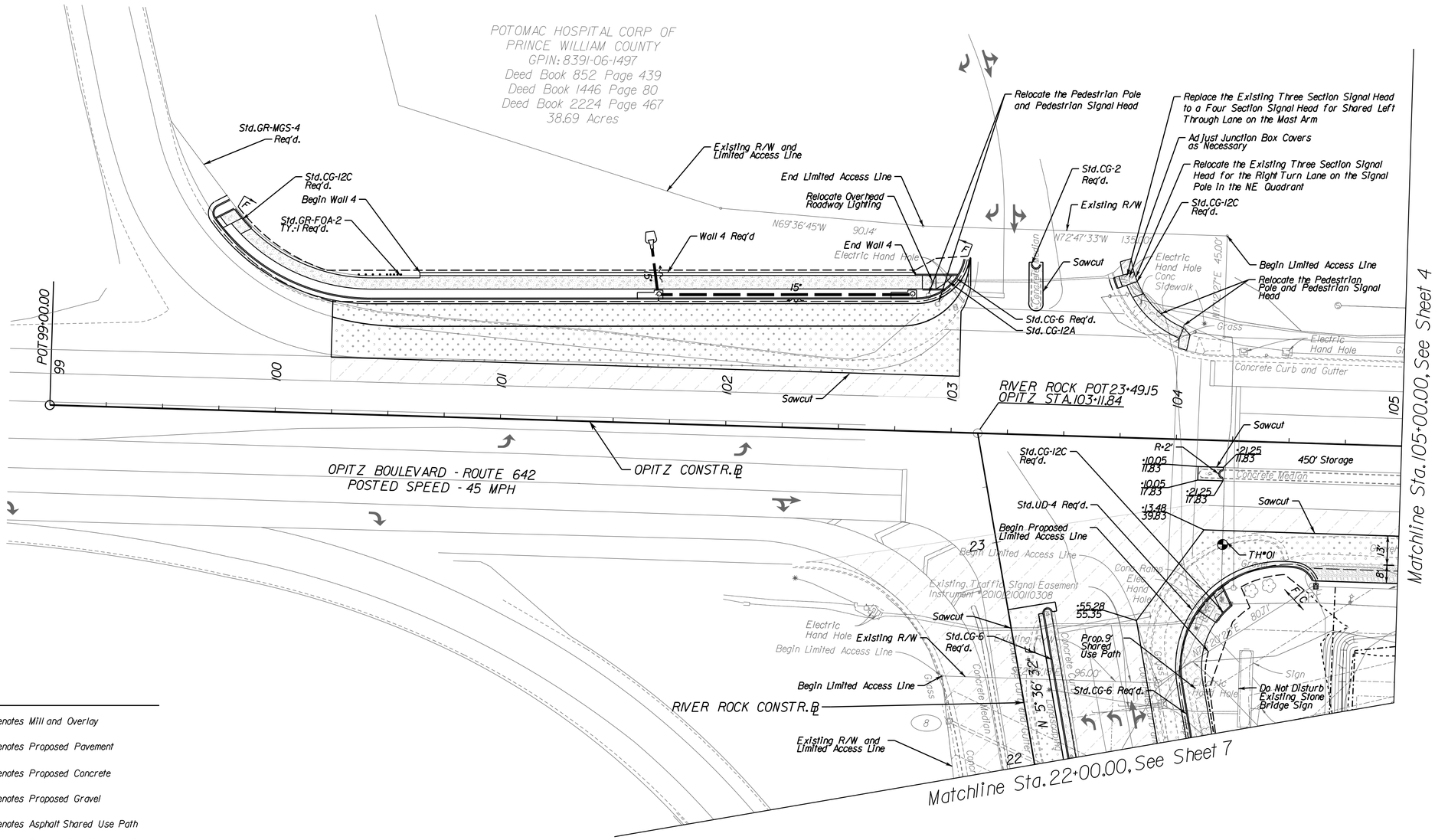
NOTES:
1. VIDEO ALL EXISTING STORM DRAINS WITHIN THE PROJECT LIMITS RIVER ROCK ROAD. DETECTED STORM DRAIN DEFICIENCIES SHALL BE CORRECTED.
2. OPITZ CONSTRUCTION BASELINE AND RIVER ROCK CONSTRUCTION BASELINE PROFILES ARE TO MATCH EXISTING ELEVATION

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

CONTRACTOR TO VERIFY NO UTILITES EXIST INSIDE EXISTING UTILIITY EASEMENTS ON-SITE OR NEWLY ESTABLISED VDOT RIGHT OF WAY EXISTING EASEMENTS TO BE EXTINGUISHED WITH THE GRANTEE



VICINITY MAP
SCALE: 1" = 2,000'



LEGEND

- Denotes Mill and Overlay
- Denotes Proposed Pavement
- Denotes Proposed Concrete
- Denotes Proposed Gravel
- Denotes Asphalt Shared Use Path
- C — Denotes Construction Limits In Cuts
- F — Denotes Construction Limits In Fills

SCALE
0 25' 50'

PLAN NUMBER: SPR2023-00040 S01

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PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

PLAN SHEET

DATE: August 5, 2022

PH SUBMISSION

3

NOTES:
1. OPITZ CONSTRUCTION BASELINE
PROFILE IS TO MATCH EXISTING ELEVATION

CONTRACTOR TO VERIFY NO UTILITES EXIST INSIDE EXISTING UTILIITY EASEMENTS ON-SITE OR NEWLY ESTABLISED VDOT RIGHT OF WAY EXISTING EASEMENTS TO BE EXTINGUISHED WITH THE GRANTEE

LEGEND

- Denotes Mill and Overlay
- Denotes Proposed Pavement
- Denotes Proposed Concrete
- Denotes Proposed Gravel
- Denotes Asphalt Shared Use Path
- C Denotes Construction Limits In Cuts
- F Denotes Construction Limits In Fills

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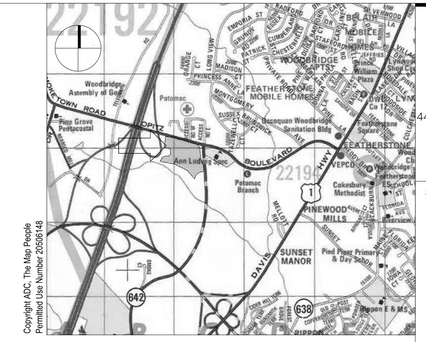
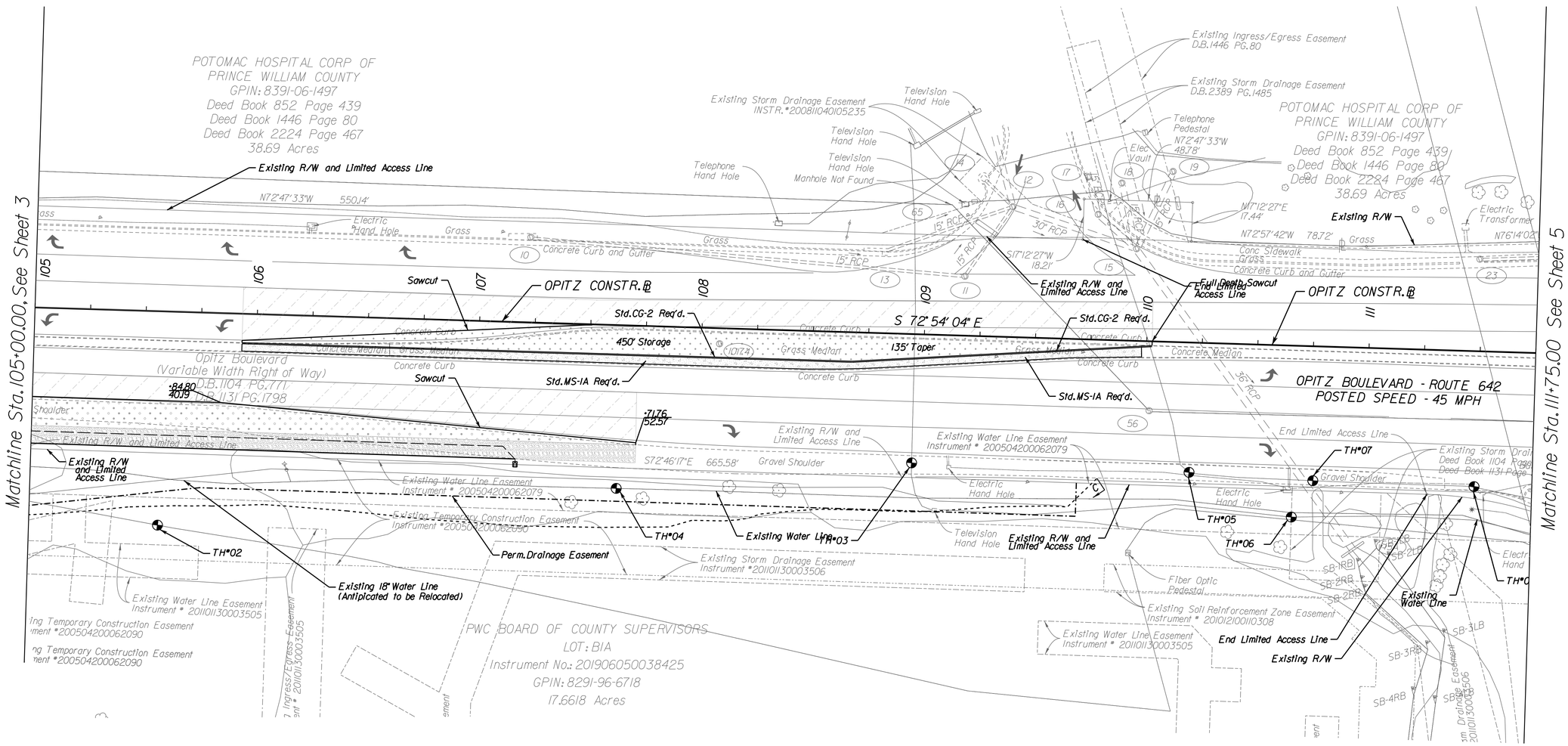


VICINITY MAP
SCALE: 1" = 2,000'



SCALE
0 25' 50'

HGA
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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

PLAN SHEET

DATE: August 5, 2022

PH SUBMISSION

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PLAN NUMBER: SPR2023-00040 S01

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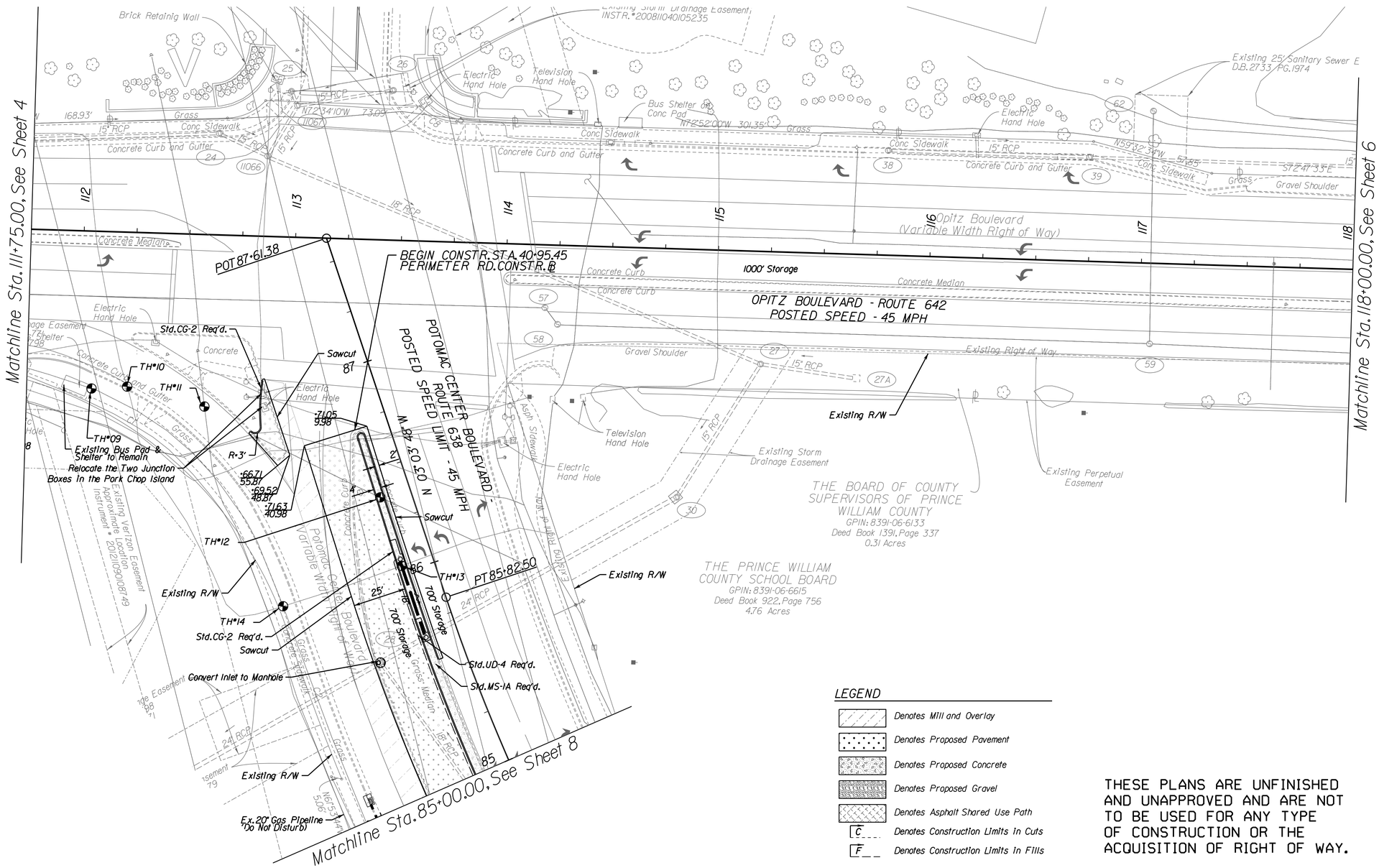
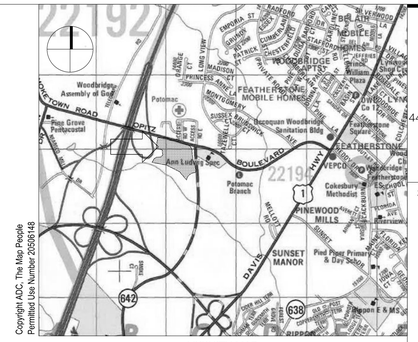
CONTRACTOR TO VERIFY NO UTILITES EXIST INSIDE EXISTING UTILIITY EASEMENTS ON-SITE OR NEWLY ESTABLISED VDOT RIGHT OF WAY EXISTING EASEMENTS TO BE EXTINGUISHED WITH THE GRANTEE

NOTES:
1. OPITZ CONSTRUCTION BASELINE AND PERIMETER ROAD CONSTRUCTION BASELINE PROFILES ARE TO MATCH EXISTING ELEVATION





VICINITY MAP
SCALE: 1" = 2,000'

LEGEND

- Denotes Mill and Overlay
- Denotes Proposed Pavement
- Denotes Proposed Concrete
- Denotes Proposed Gravel
- Denotes Asphalt Shared Use Path
- C — Denotes Construction Limits In Cuts
- F — Denotes Construction Limits In Fills

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

SCALE
0 25' 50'

HGA
44 Canal Center Plaza, Suite 100
Alexandria, Virginia 22314
Telephone 703.836.7766

STRUCTURAL/FUNCTIONAL/MEP
WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

WALKER CONSULTANTS
WBCM
WT WHITING-TURNER

NEABSCO COMMUTER PARKING GARAGE
PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

PLAN SHEET

DATE: August 5, 2022

PH SUBMISSION

5

PLAN NUMBER: SPR2023-00040 S01

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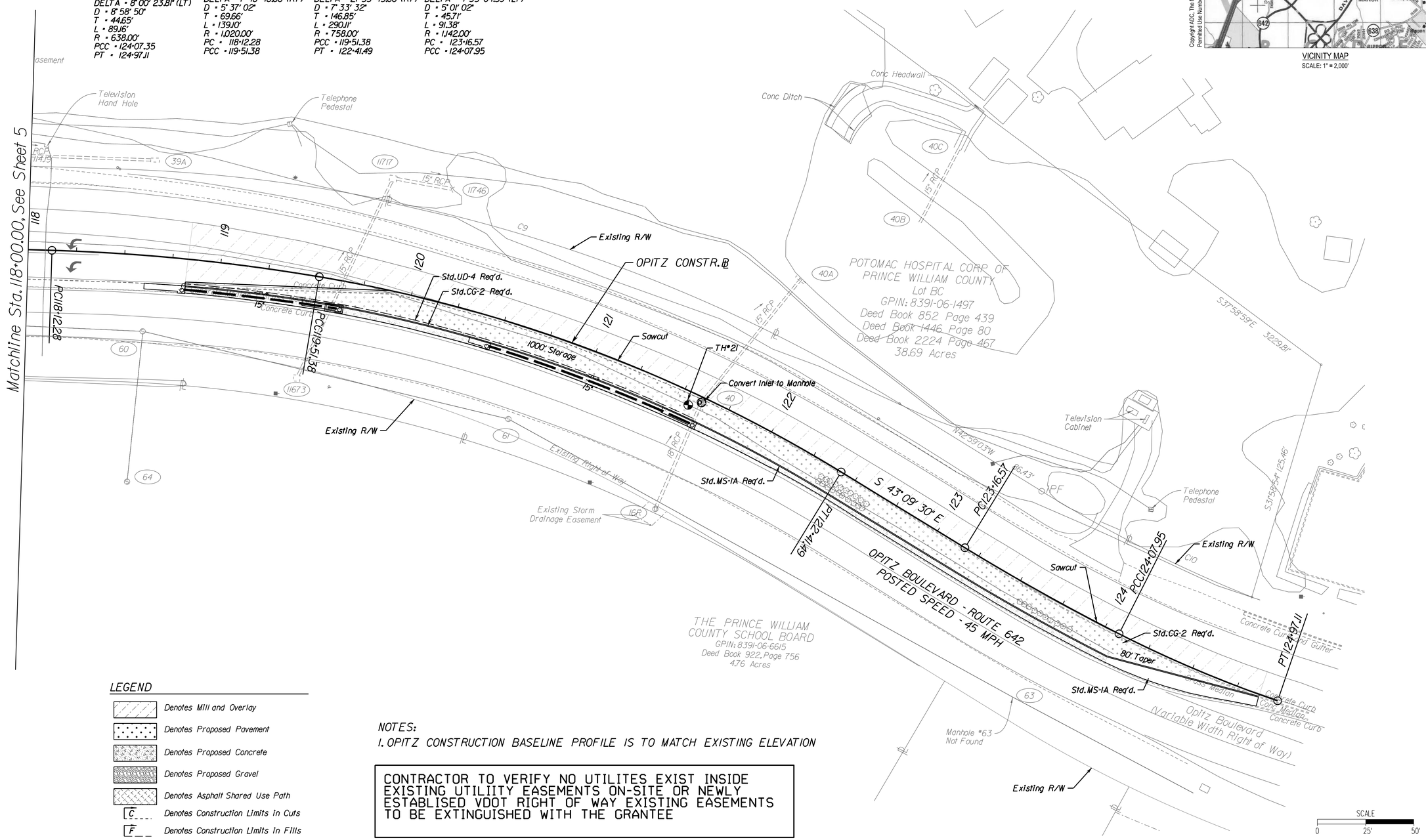
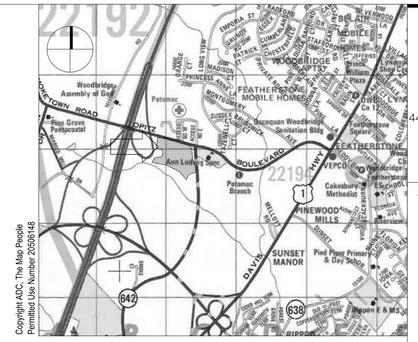
Curve OPITZ-4	Curve OPITZ-1	Curve OPITZ-2	Curve OPITZ-3
PI = 124+52.60	PI = 118+81.94	PI = 120+98.23	PI = 123+62.29
DELTA = 8° 00' 23.81" (LT)	DELTA = 7° 48' 48.86" (RT)	DELTA = 21° 55' 45.06" (RT)	DELTA = 4° 35' 04.59" (LT)
D = 8° 58' 50"	D = 5° 37' 02"	D = 7° 33' 32"	D = 5° 01' 02"
T = 44.65'	T = 69.66'	T = 146.85'	T = 45.71'
L = 89.16'	L = 139.10'	L = 290.11'	L = 91.38'
R = 638.00'	R = 1,020.00'	R = 758.00'	R = 1,142.00'
PCC = 124+07.35	PC = 118+12.28	PCC = 119+51.38	PC = 123+16.57
PT = 124+97.11	PCC = 119+51.38	PT = 122+41.49	PCC = 124+07.95





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NOTES:

1. OPITZ CONSTRUCTION BASELINE PROFILE IS TO MATCH EXISTING ELEVATION

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565 EAST SWEDESFORD ROAD
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PLAN NUMBER: SPR2023-00040 S01

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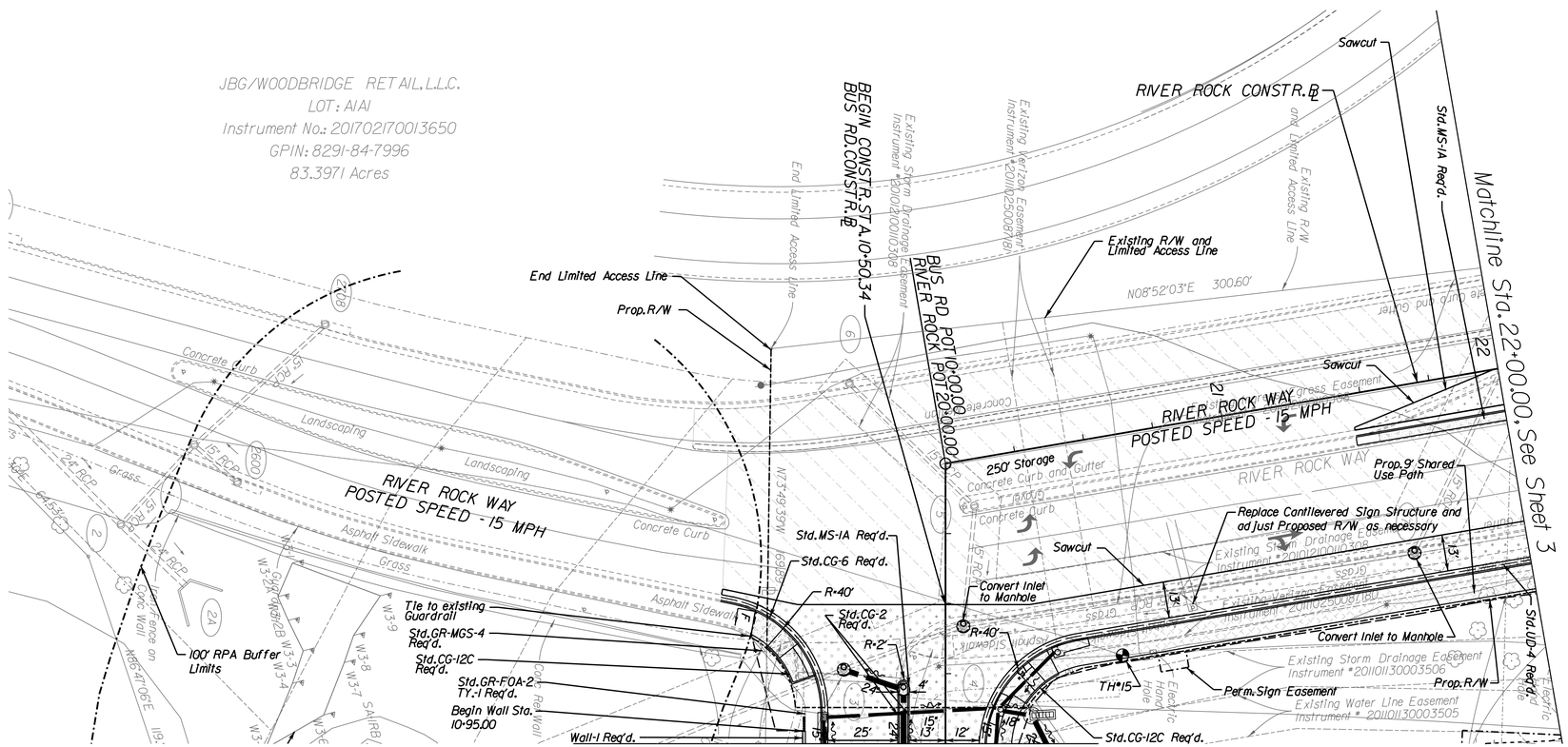
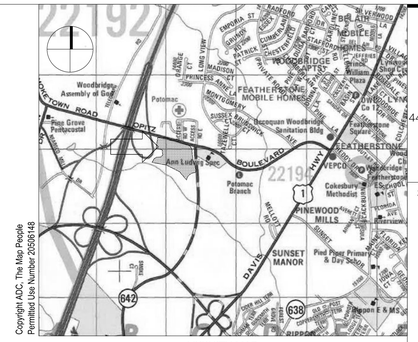
NOTES:

1. VIDEO ALL EXISTING STORM DRAINS WITHIN THE PROJECT LIMITS RIVER ROCK ROAD. DETECTED STORM DRAIN DEFICIENCIES SHALL BE CORRECTED.

2. RIVER ROCK CONSTRUCTION BASELINE PROFILE IS TO MATCH EXISTING ELEVATION





VICINITY MAP
SCALE: 1" = 2,000'

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565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
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WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
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PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

PLAN SHEET

DATE: August 5, 2022

PH SUBMISSION

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LEGEND

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- *Denotes Proposed Concrete*
- *Denotes Proposed Gravel*
- *Denotes Asphalt Shared Use Path*
- *Denotes Construction Limits In Cuts*
- *Denotes Construction Limits In Fills*

SCALE 0 25' 50'

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JBG/WOODBRIDGE RETAIL, L.L.C.
LOT: A1A1
Instrument No.: 201702170013650
GPIN: 8291-84-7996
83.3971 Acres

Curve CAR-02
PI = 25+58.04
DELTA = 62° 54' 14.45" (LT)
D = 90° 56' 44"
T = 38.53'
L = 69.17'
R = 63.00'
PC = 25+19.51
PT = 25+88.68

Curve BUS-02
PI = 21+31.85
DELTA = 145° 55' 52.0" (LT)
D = 79° 33' 25.2"
T = 234.99'
L = 183.38'
R = 72.00'
PC = 18+96.86
PT = 20+80.24

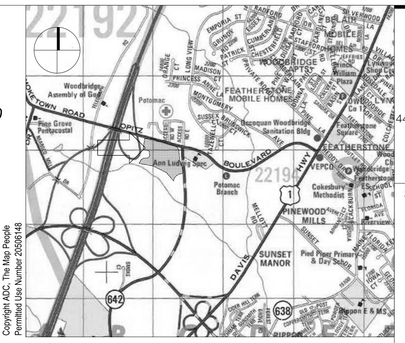
Curve RAMPD-1
PI = 70+37.66
DELTA = 37° 09' 58.04" (LT)
D = 51° 09' 25"
T = 37.66'
L = 72.65'
R = 112.00'
PC = 70+00.00
PT = 70+72.65

Curve RAMPD-2
PI = 71+49.51
DELTA = 60° 39' 14.43" (RT)
D = 76° 23' 40"
T = 43.87'
L = 79.40'
R = 75.00'
PC = 71+05.63
PT = 71+85.03

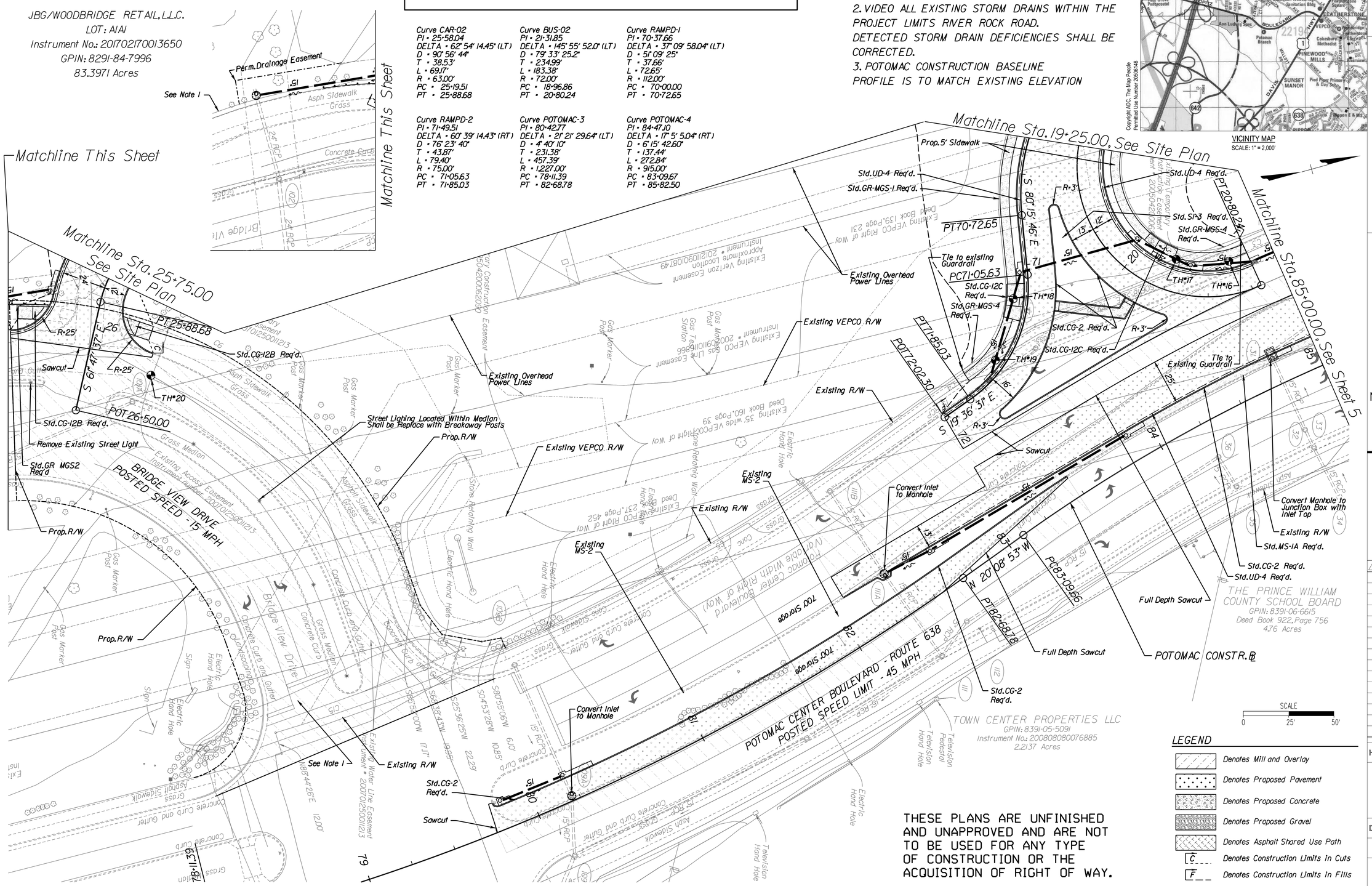
Curve POTOMAC-3
PI = 80+42.77
DELTA = 21° 21' 29.64" (LT)
D = 4° 40' 10"
T = 231.38'
L = 457.39'
R = 1,227.00'
PC = 78+11.39
PT = 82+68.78

Curve POTOMAC-4
PI = 84+47.10
DELTA = 17° 5' 5.04" (RT)
D = 6° 15' 42.60"
T = 137.44'
L = 272.84'
R = 915.00'
PC = 83+09.67
PT = 85+82.50

NOTES:
1. SECTION OF PROPERTY LINE LOCATED OUTSIDE BOUNDARY SURVEY AND WILL NEED TO BE VERIFIED
2. VIDEO ALL EXISTING STORM DRAINS WITHIN THE PROJECT LIMITS RIVER ROCK ROAD. DETECTED STORM DRAIN DEFICIENCIES SHALL BE CORRECTED.
3. POTOMAC CONSTRUCTION BASELINE PROFILE IS TO MATCH EXISTING ELEVATION



VICINITY MAP
SCALE: 1" = 2,000'



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Alexandria, Virginia 22314
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WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

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SUITE 200
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WBCM
WHITING-TURNER

NEABSCO COMMUTER PARKING GARAGE

PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

PLAN SHEET

DATE: August 5, 2022

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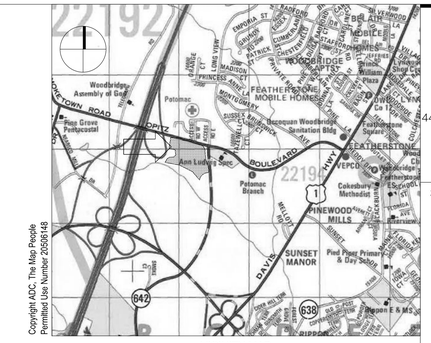
THIS SHEET INCLUDED FOR INFORMATION ONLY



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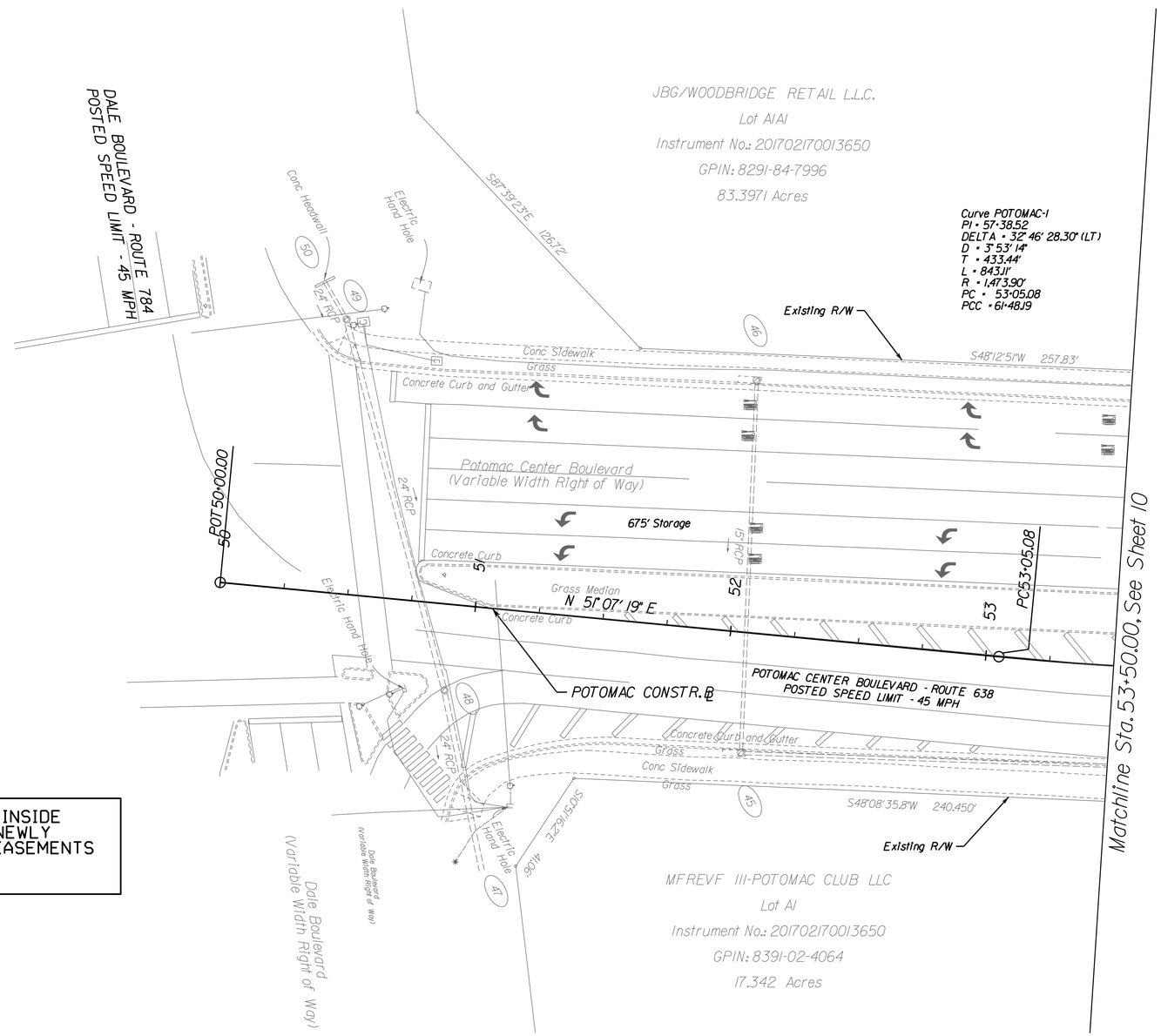
VICINITY MAP
SCALE: 1" = 2,000'



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SCALE
0 25' 50'

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WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

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NEABSCO COMMUTER PARKING GARAGE
PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

NO	DESCRIPTION	DATE

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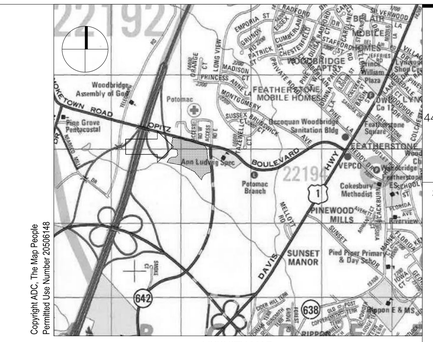

VICINITY MAP
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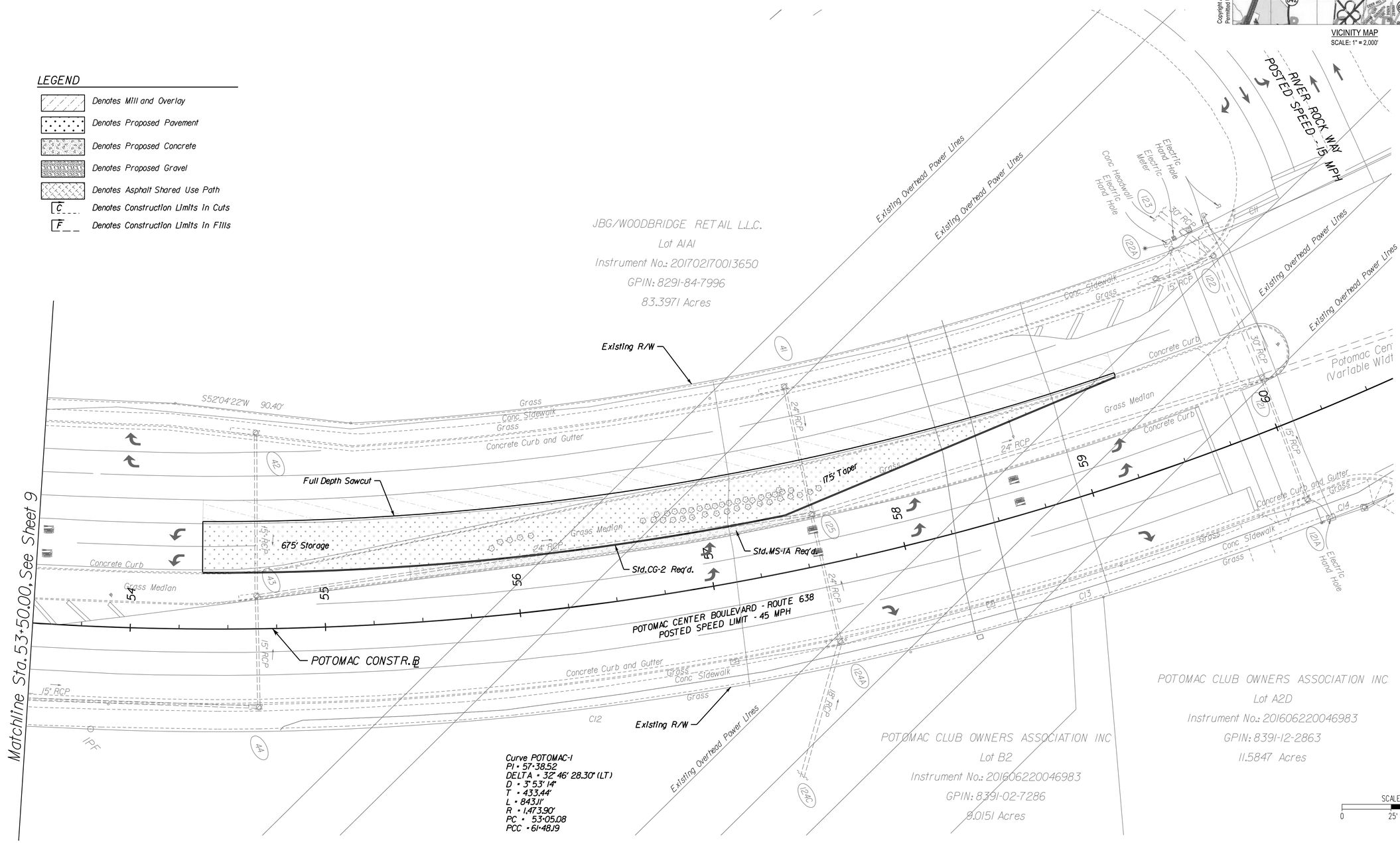

Curve POTOMAC-1
PI = 57+38.52
DELTA = 32° 46' 28.30" (LT)
D = 3° 53' 14"
T = 433.44'
L = 843.11'
R = 1,473.90'
PC = 53+05.08
PCC = 61+48.19

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PLAN SHEET

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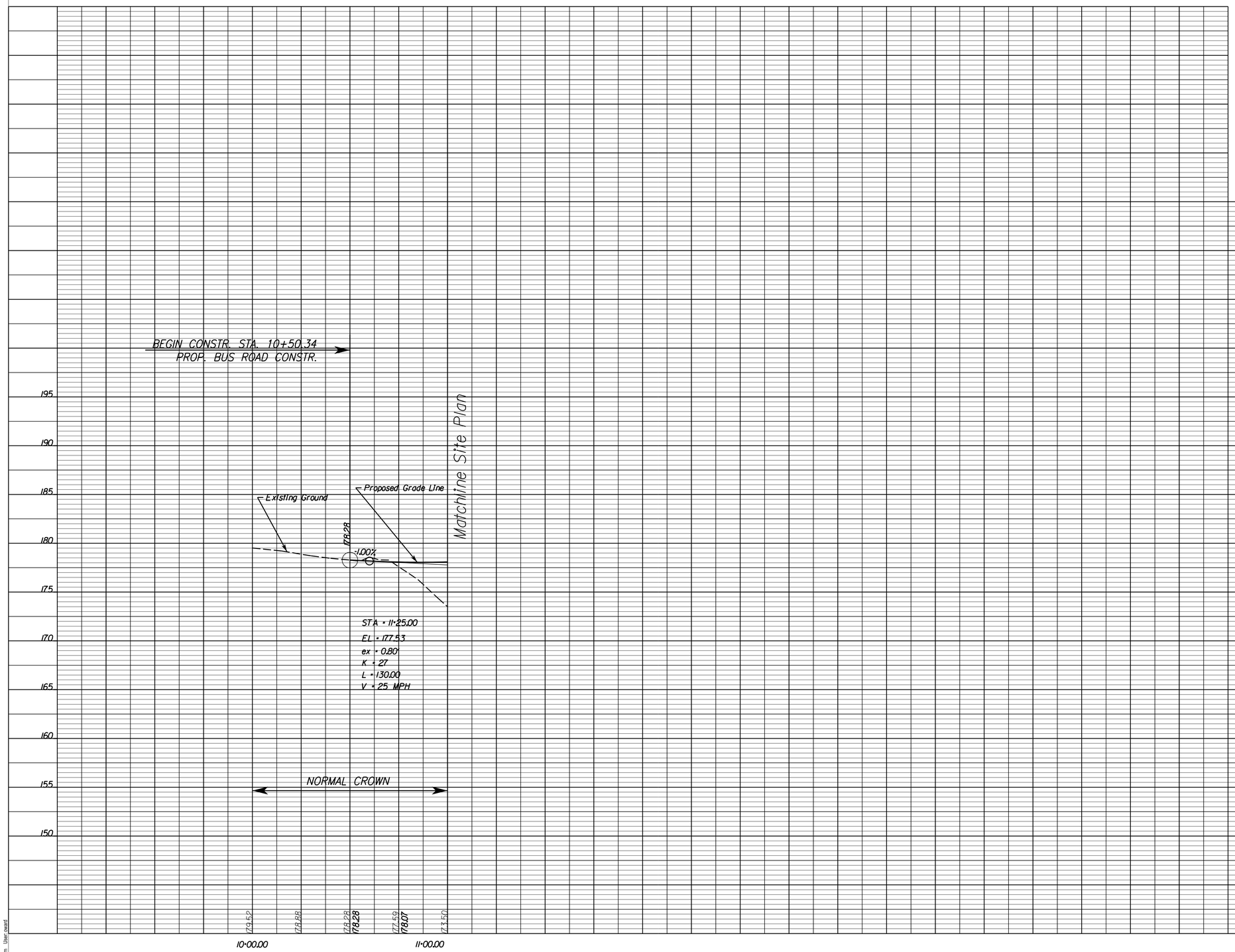

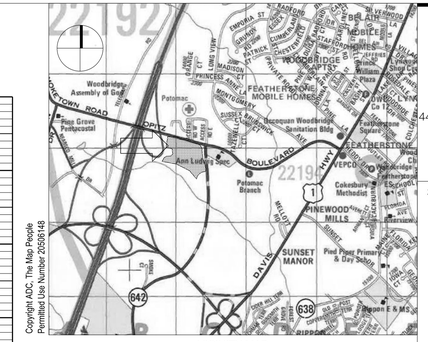

VICINITY MAP
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ENTRANCE PROFILES

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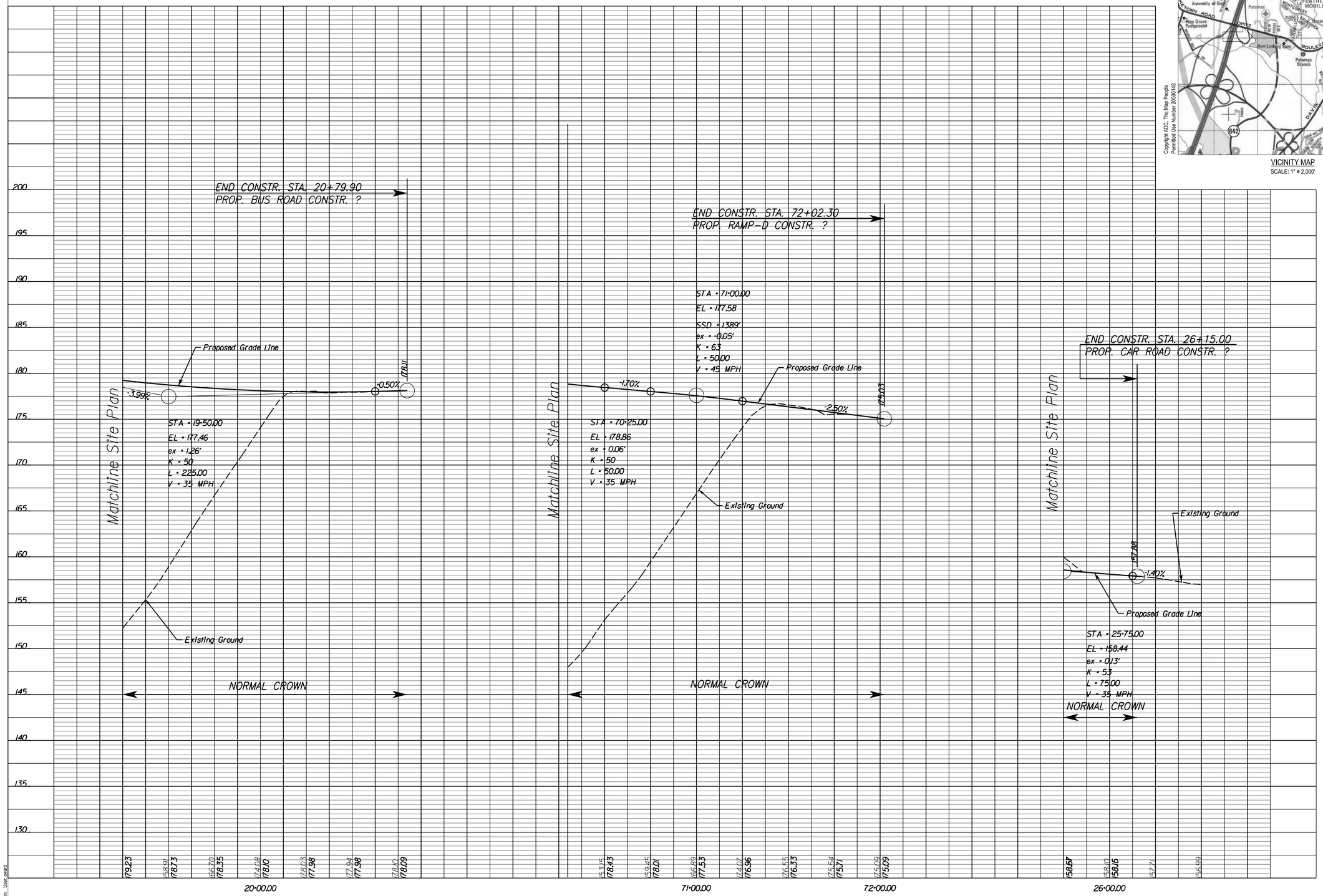

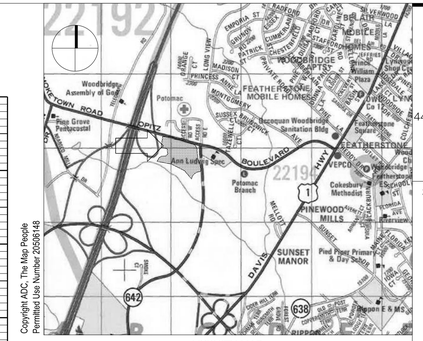

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VICINITY MAP
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ENTRANCE PROFILES

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11(2)

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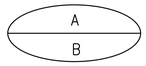
GENERAL NOTES

1. Unless otherwise approved by the Engineer, existing traffic signs which are to be relocated shall remain in place until the new sign structure is in place.
2. The removal or modification of existing sign panels, structures, or foundations shall conform to section 510 of the specifications.
3. New materials and items required to complete the removal or modification of existing items shall be submitted to the Engineer for review and approval in accordance with section 105 of the specifications.
4. All existing and proposed sign locations are approximate and shall be field verified by the contractor. All proposed sign locations shall be according to VDOT standards and shall be approved by the Engineer.
5. All striping, where matching to existing, shall be done in a manner approved by the Engineer.
6. Definition of Symbols:

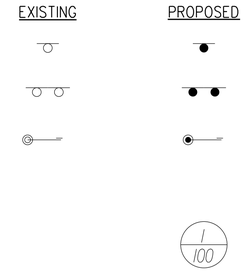


"A" Indicates the type of structure or sign panel. (see "Definition of Types")

"B" Indicates the action descriptions. (see "Action Descriptions")

7. Existing pavement markings and/or markers that conflict with the proposed markings and/or markers shown herein shall be eradicated.
8. For lane and shoulder widths, see Roadway Plans and Typical Sections.
9. Proposed signs and pavement marking shall be according to VDOT standards.
10. Cost of Class A3 concrete foundation required for square tube posts shall be included with the cost of the post.
11. Existing signs to remain in place unless otherwise noted on plans.

SIGNING LEGEND

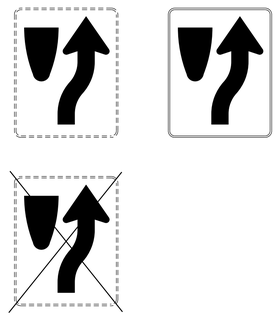


GROUND MOUNTED SIGN STRUCTURES (SINGLE POST)

GROUND MOUNTED SIGN STRUCTURES (DOUBLE POST)

CANTILEVER SIGN STRUCTURES

SIGN ASSEMBLY NO.
TEXT NO.



SIGN PANEL

EXISTING SIGN TO BE REMOVED

DEFINITION OF TYPES

TYPE	DESCRIPTION	SIZE
CS-2	O/H Single Arm Cantilever	41 - 60 L. F.
I	Non-breakaway Single Metal Pole	EA.
II	Non-breakaway Two Metal Poles	EA.
III 1	Non-breakaway Three Metal Poles	EA.
V	Breakaway Single Round Metal Pole	EA.
VA	Breakaway Single Metal Pole	EA.
VIA	Breakaway Two Metal Poles	EA.
VIA3	Breakaway Three Metal Poles	EA.
VIII1A	3½" Rolled Rail Steel Pole	EA.
WP-1	Single Wood Post	EA.
WP-2	Two Wood Posts	EA.
SP-1	Sign Panel	0 - 100 S. F.
SP-2	Sign Panel	101 - 200 S. F.
SP-3	Sign Panel	201 - 300 S. F.
SP-4	Sign Panel	301 - 400 S. F.
SP-5	Sign Panel	401 - 500 S. F.
SP-6	Sign Panel	501 - 600 S. F.
STP-1	Square Tube Sign Post	EA

NOTE: SHEET NO. 12(2) OMITTED FOR THIS SUBMISSION

PAVEMENT MARKING LEGEND

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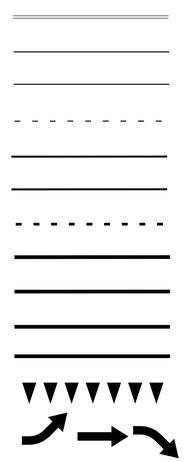

ACTION DESCRIPTIONS

A. REMOVE AND DISPOSE OF SIGN STRUCTURE, TYPE ( ),
will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removal and disposal of sign panels , posts and foundations to at least two feet below existing ground line, backfilling and restoration (topsoiling and seeding), and for all materials, labor, tools, equipment and incidentals necessary to complete the work.

B. RELOCATE EXISTING SIGN PANEL, TYPE ( ),
will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removing existing panel, refurbishing framing members, furnishing and installing necessary back panels, erecting existing sign panel to new breakaway posts, and for all materials, labor, tools, equipment and incidentals neces-

HGA
44 Canal Center Plaza, Suite 100
Alexandria, Virginia 22314
Telephone 703.836.7766

STRUCTURAL/FUNCTIONAL/MEP
WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

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PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

NO	DESCRIPTION	DATE

ISSUANCE HISTORY – THIS SHEET

HGA NO: COMMISSION NO.

SIGNING AND MARKING GENERAL NOTES

DATE: August 5, 2022

PUBLIC HEARING

12(1)

PLAN NUMBER: SPR2023-00040 S01

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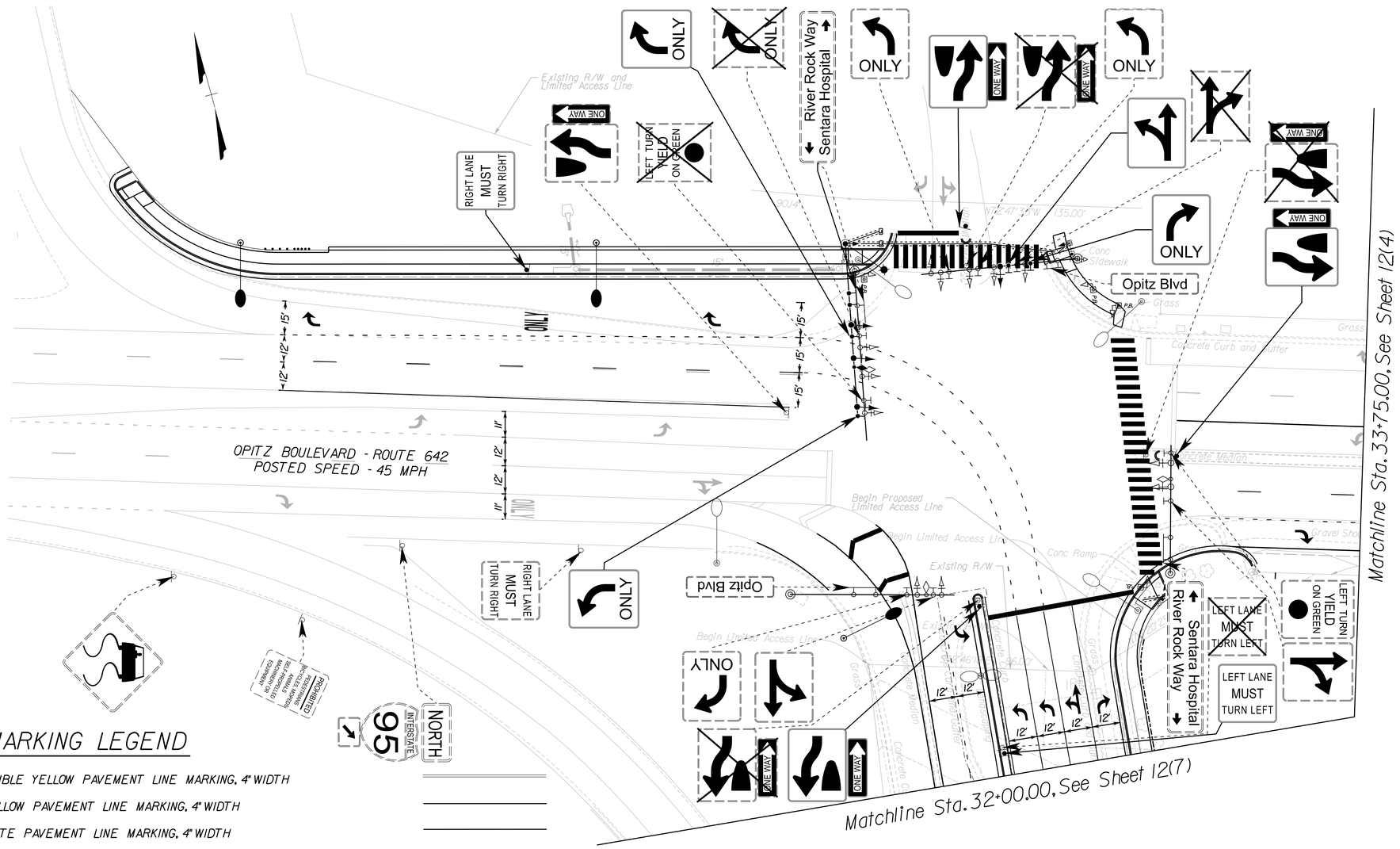

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SCALE 0 25' 50'

PLAN NUMBER: SPR2023-00040 S01

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565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

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NO	DESCRIPTION	DATE

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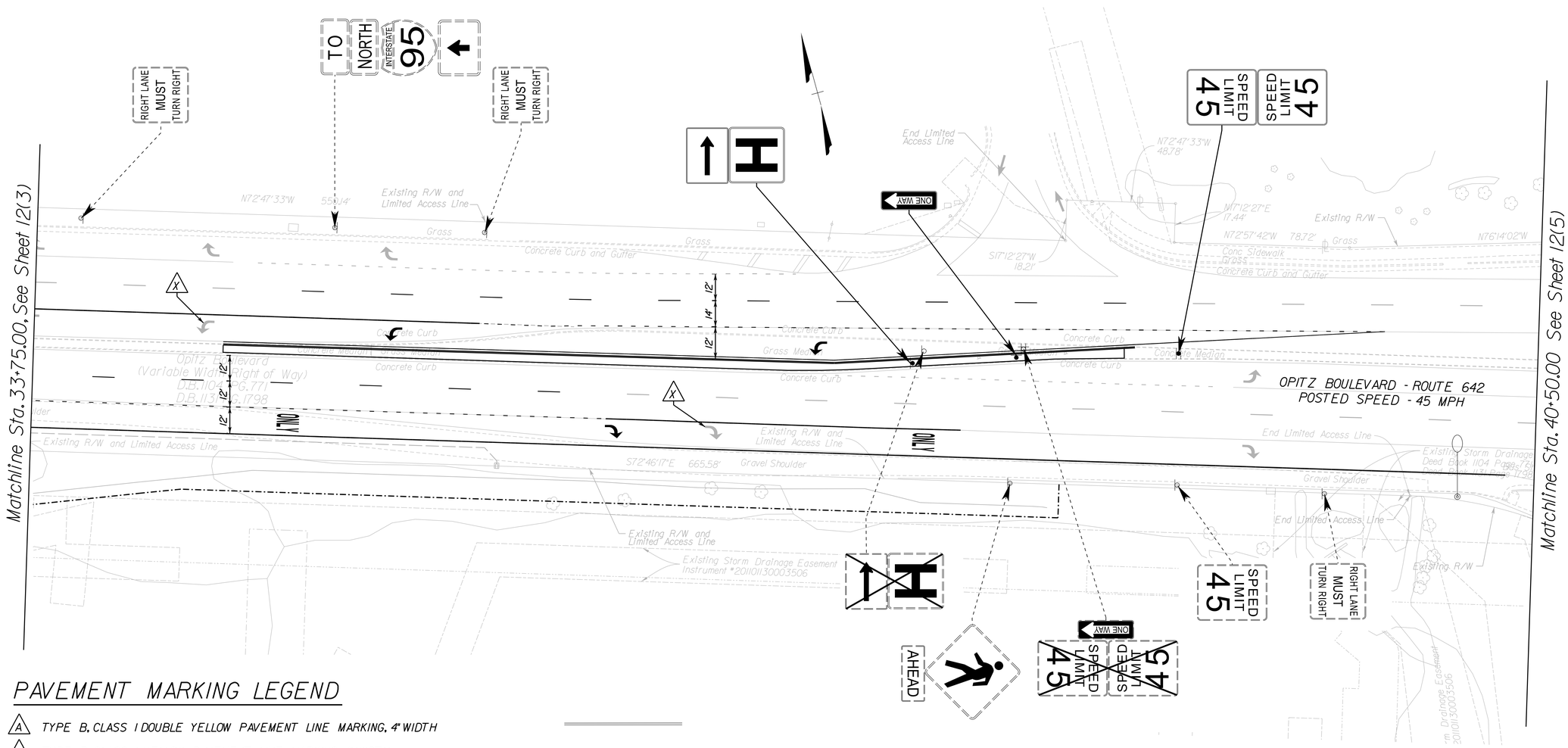
SIGNING AND MARKING PLAN

DATE: August 5, 2022

PUBLIC HEARING

12(3)



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SCALE 0 25' 50'

PLAN NUMBER: SPR2023-00040 S01

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Alexandria, Virginia 22314
Telephone 703.836.7766

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565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

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WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
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NO	DESCRIPTION	DATE

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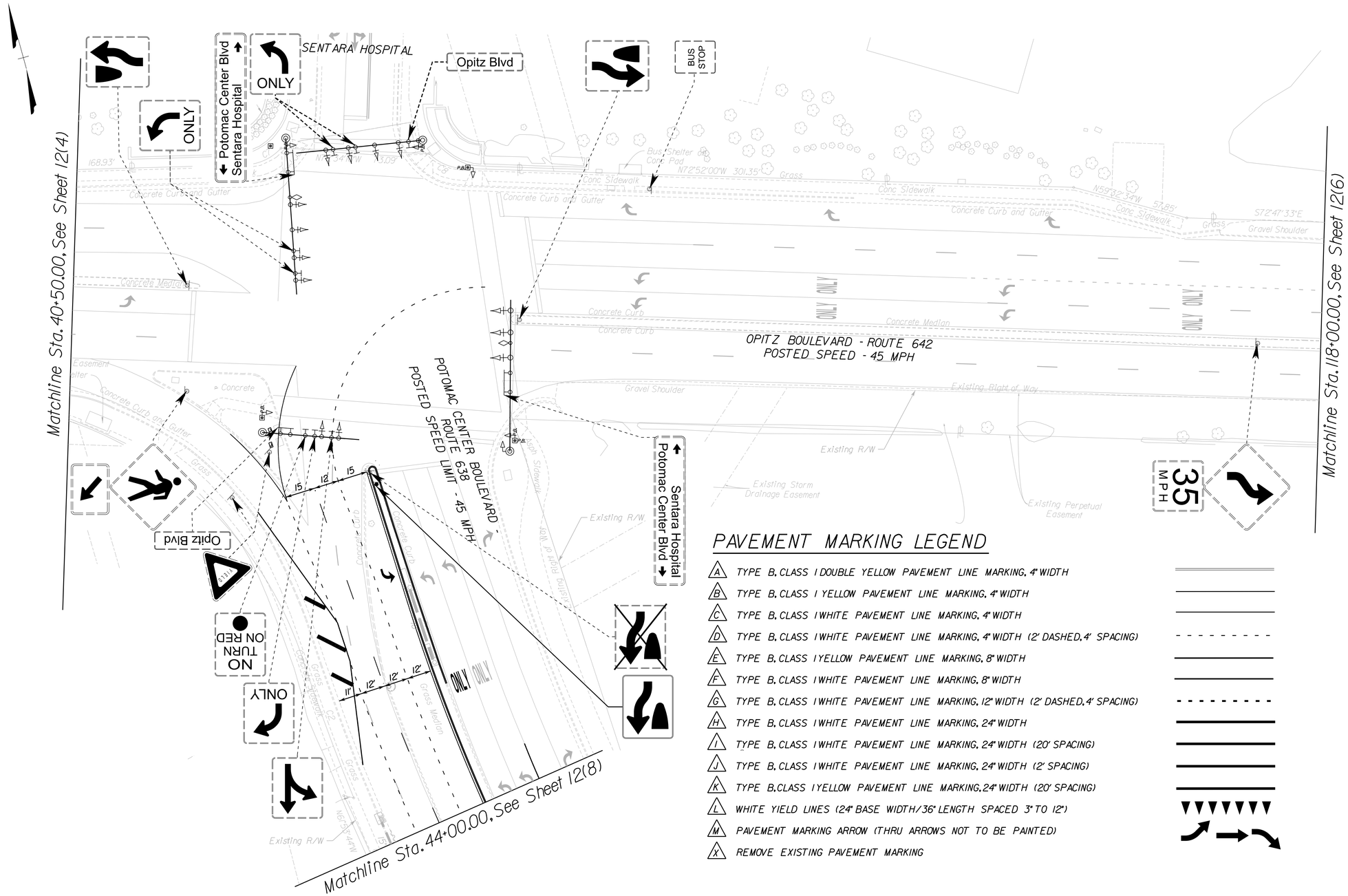
DATE: August 5, 2022

PUBLIC HEARING

12(4)



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SCALE
0 25' 50'

PLAN NUMBER: SPR2023-00040 S01

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Telephone 703.836.7766

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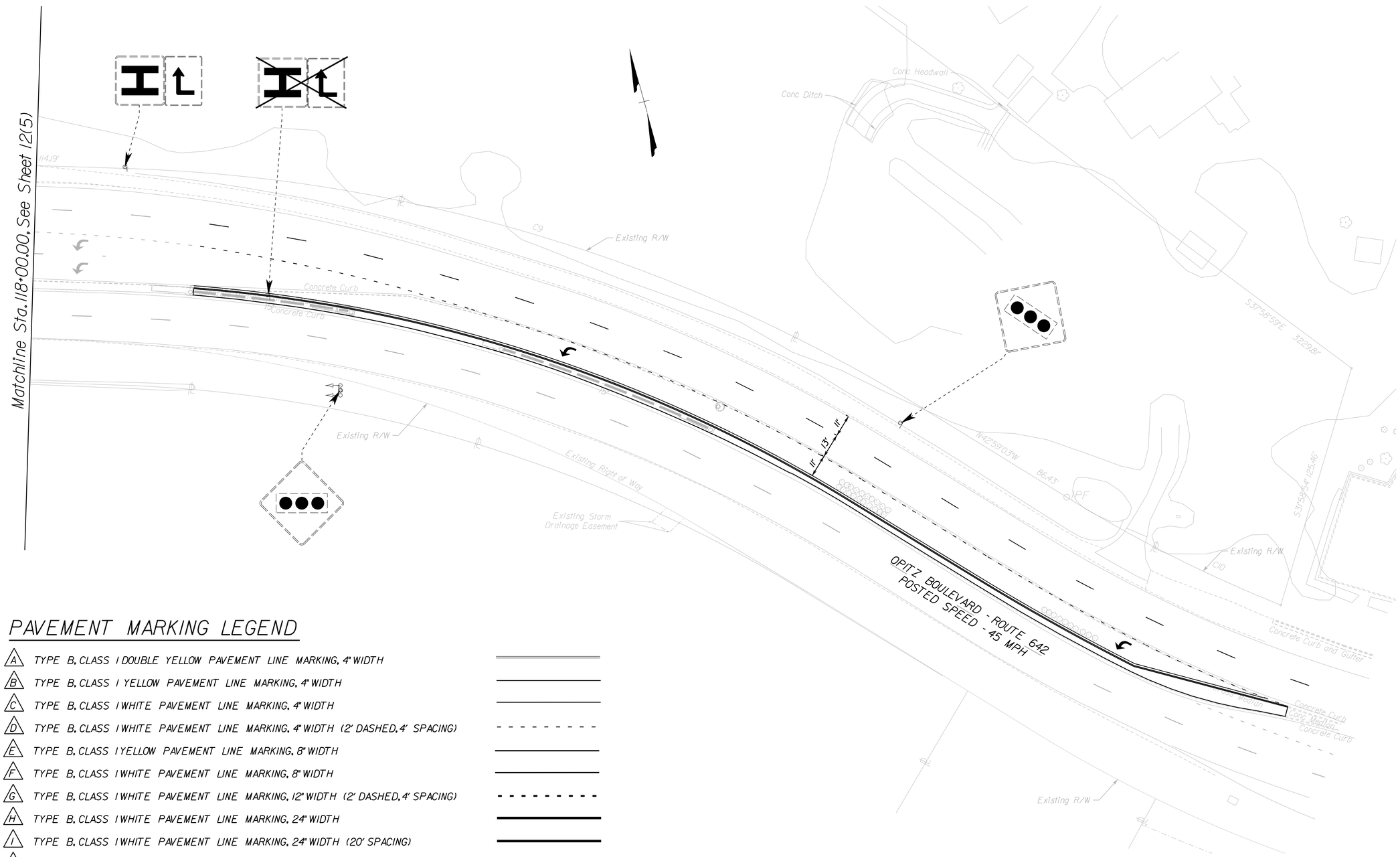

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SUITE 300
WAYNE, PA 19087
610.995.0260

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WBCM
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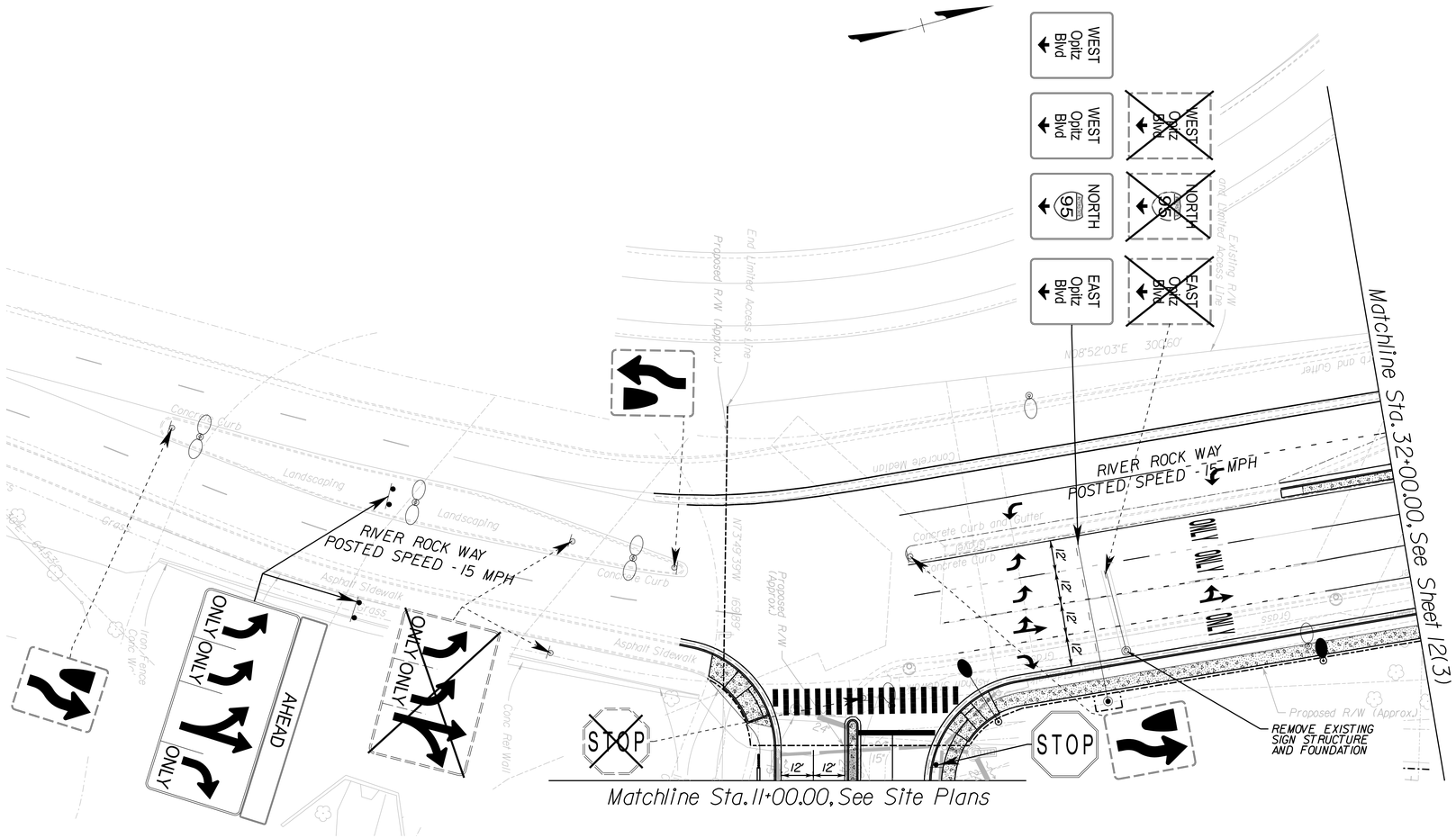

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SCALE 0 25' 50'

PLAN NUMBER: SPR2023-00040 S01

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565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER
WBCM
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NO	DESCRIPTION	DATE

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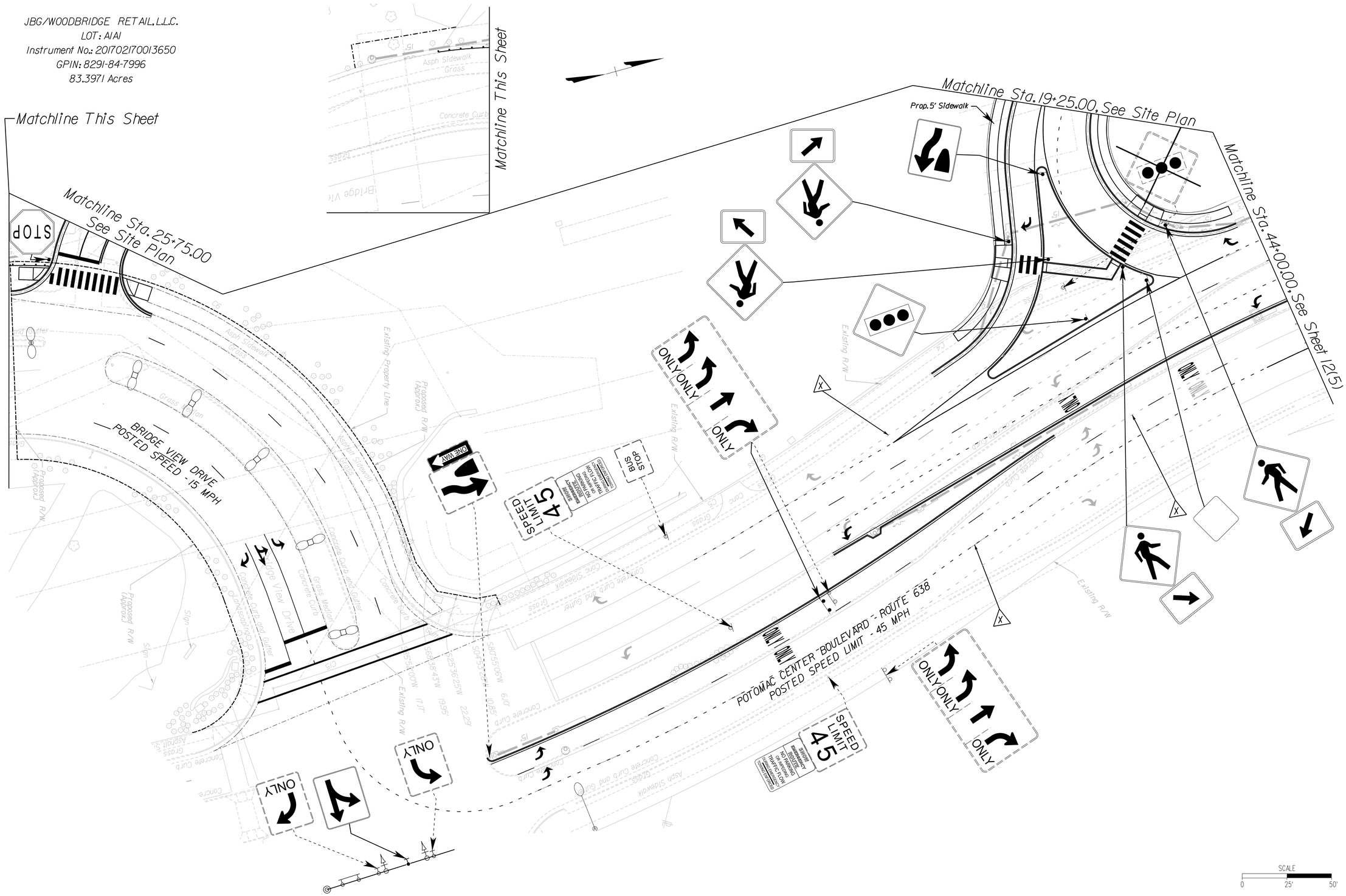
SIGNING AND MARKING PLAN

DATE: August 5, 2022

PUBLIC HEARING

12(7)

JBG/WOODBRIDGE RETAIL, L.L.C.
LOT: A1A1
Instrument No.: 201702170013650
GPIN: 8291-84-7996
83.3971 Acres



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PUBLIC HEARING

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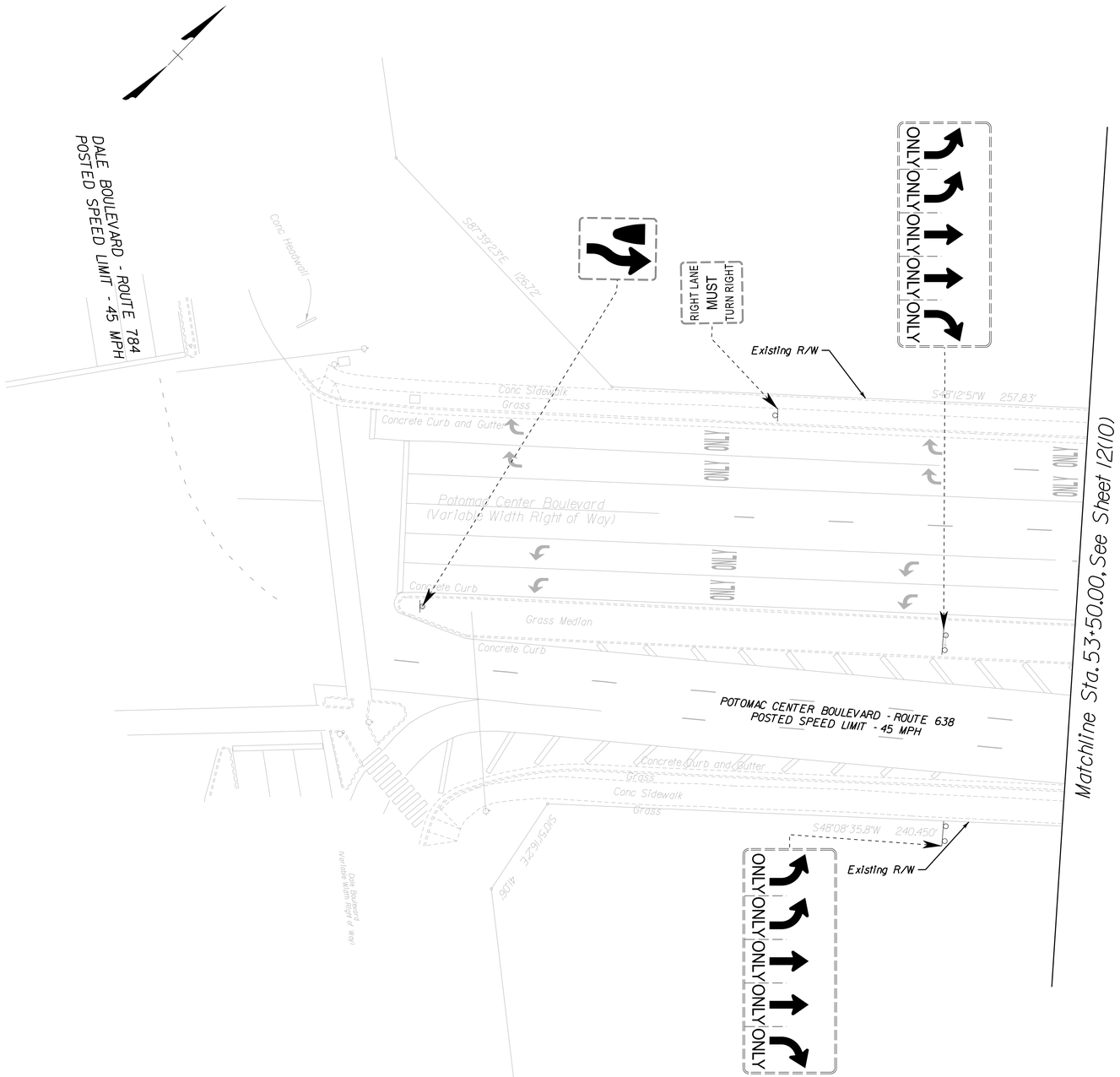

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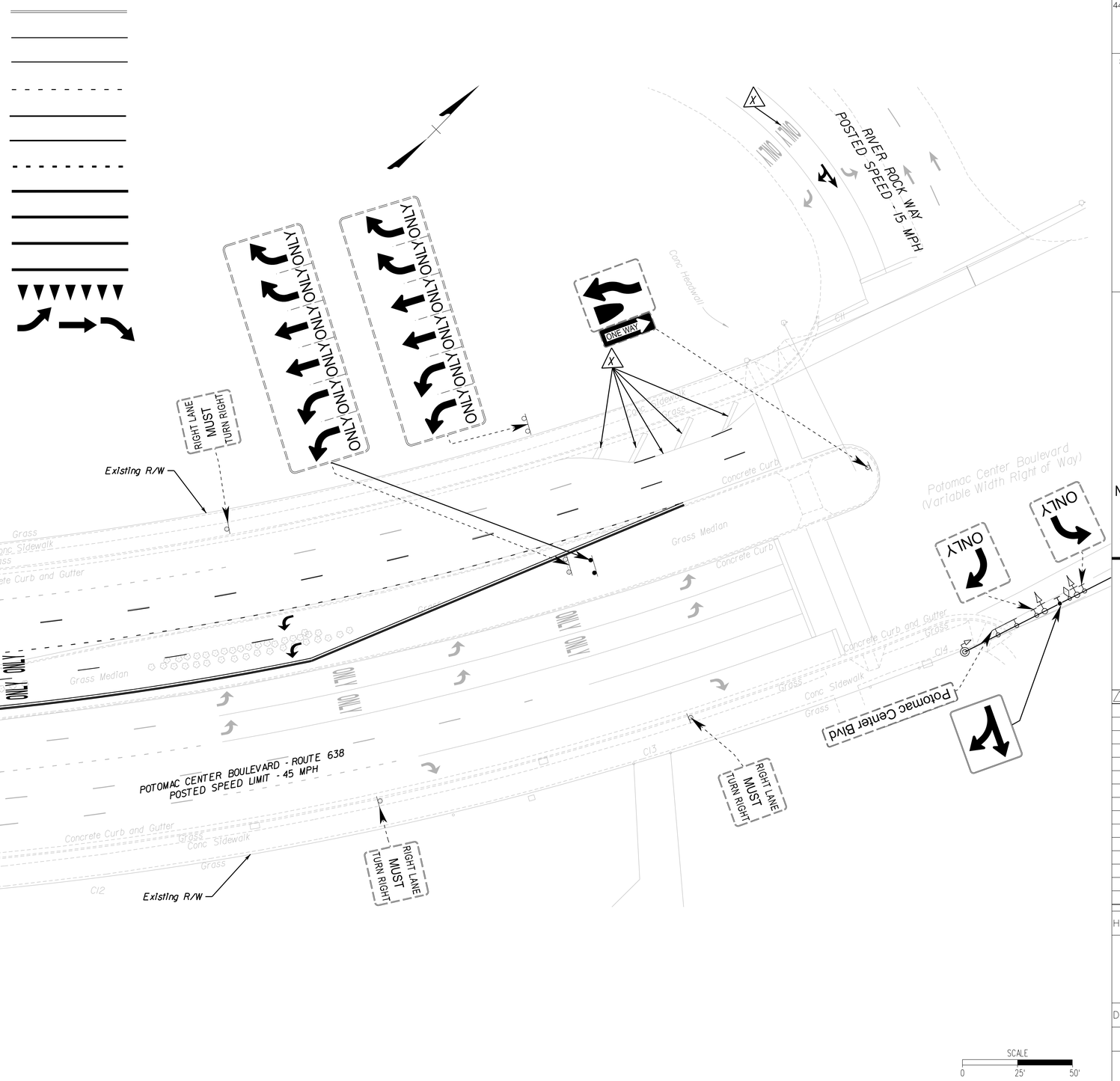

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NEABSCO COMMUTER PARKING GARAGE
PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

NO	DESCRIPTION	DATE

ISSUANCE HISTORY – THIS SHEET

HGA NO: COMMISSION NO.

SIGNING AND MARKING PLAN

DATE: August 5, 2022

PUBLIC HEARING

12(10)

SCALE 0 25' 50'

PLAN NUMBER: SPR2023-00040 S01

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GENERAL NOTES

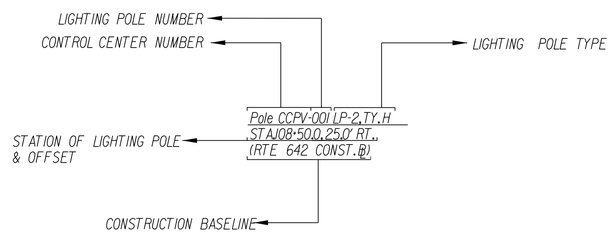
1. ALL LIGHTING SHALL BE FURNISHED PER MANUFACTURER'S STANDARDS AS NOTED ON THE PLANS.
2. ALL GROUND MOUNTED AND BARRIER MOUNTED ROADWAY LIGHT POLES SHALL BE GALVANIZED STEEL.
3. ALL LUMINAIRES SHALL BE FUSED IN THE TRANSFORMER BASE,HANDHOLE,FUSE BOX, OR NEAREST JUNCTION BOX.
4. ALL GROUND-MOUNT LIGHTING STANDARDS SHALL BE FURNISHED WITH MANUFACTURER'S BREAKAWAY TRANSFORMER BASES.
5. EQUIPMENT GROUNDING CONDUCTORS SHOWN ON THE PLANS ARE REQUIRED ONLY IF THE CONDUIT IS NON-METALLIC.
6. ALL LIGHTING STANDARDS SHALL BE PROVIDED WITH IDENTIFICATION TAGS BEARING THE CIRCUIT,PHASE AND CONTROL CENTER NUMBER.
7. THE CONTRACTOR SHALL COORDINATE ROUTING OF ALL CONDUIT RUNS WITH THE ENGINEER OF RECORD.
8. LIGHTING CABLES IN ALL JUNCTION BOXES AND EQUIPMENT ENCLOSURES SHALL BE IDENTIFIED WITH INDIVIDUAL NON-FERROUS METAL TAGS OR NYLON TAGS FOR POWER CONDUCTORS PER SECTION 700.04.
9. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES WHETHER SHOWN HEREIN OR NOT AND SHALL PROTECT THEM FROM DAMAGE.CONTRACTOR SHALL BEAR ALL EXPENSES FOR REPAIR OR REPLACEMENT IN CONJUNCTION WITH EXECUTION OF THIS CONTRACT.
10. CONTRACTOR SHALL MAINTAIN AND RECONNECT ALL ELECTRICAL EQUIPMENT,CIRCUITS,ETC. THAT IS NOT INDICATED TO BE REMOVED WHICH MAY BECOME SEVERED FROM ITS NORMAL POWER SUPPLY.
11. CONDUITS SHOWN ON THESE PLANS ARE DIAGRAMMATIC AND ACTUAL CONDUIT RUNS SHALL CONFORM TO FIELD CONDITIONS.WHERE POSSIBLE TRENCH FOR ELECTRICAL CONDUIT(S).
12. CONDUITS SHALL BE INSTALLED A MINIMUM OF 5' CLEAR OF SHOULDER EDGE WHEN NO GUARDRAIL IS INSTALLED.
13. ALL CONDUITS SHALL BE SLOPED TO DRAIN TO JUNCTION BOXES OR MANHOLES.IF THIS CANNOT BE ACCOMPLISHED,THEY SHALL BE PROVIDED WITH DRAINAGE TEES AT THE LOW POINTS OF CONDUIT RUNS.
14. ALL JUNCTION BOXES SHALL BE PROVIDED WITH A MEANS FOR DRAINAGE.
15. AREAS AROUND CABINETS,JUNCTION BOXES ON SLOPES SHALL BE GRADED AS APPROVED BY THE ENGINEER OF RECORD.
16. WHERE NONMETALLIC CONDUIT IS SPECIFIED ON THE PLANS,THE CONTRACTOR SHALL FURNISH AND INSTALL A GROUNDING WIRE TO MAINTAIN A BONDED SYSTEM,IN ACCORDANCE WITH THE NEC.THE MINIMUM GROUND WIRE SIZE SHALL BE #6 AWG.
17. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY IF DEMOLITION OR NEW CONSTRUCTION WILL IMPACT SERVICE TO OVERHEAD STRUCTURES OR OTHER POWERED COMPONENTS NOT DESIGNATED ON THE PLANS TO LOSE ELECTRICAL SERVICE.
18. WHERE CONDUCTOR CABLES TERMINATE IN JUNCTION BOXES OR LIGHTING STANDARDS, THEY SHALL BE TESTED AND CAPPED.LEAVE 3 FEET OF SLACK PER CONDUCTOR IN THE BOX OR LIGHTING STANDARD.
19. THE CONTRACTOR SHALL BE RESPONSIBLE TO RETURN ALL DISTURBED AREAS AND FENCING TO ITS ORIGINAL STATE AT THE COMPLETION OF ALL WORK,SOD SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
20. CONTRACTOR SHALL REFERENCE CONDUCTOR SCHEDULE LOCATED ON SHEET XX FOR CONDUIT SIZE AND CONDUCTOR SIZE.
21. ROADWAY LUMINAIRES MOUNTED ON TYPE LP-2 POLES SHALL BE MOUNTED AS NOTED ON THE PLANS.CONTRACTOR SHALL REFER TO VIRGINIA DEPARTMENT OF TRANSPORTATION STANDARD LIGHTING POLE DETAILS FOR DETERMINATION OF POLE SHAFT LENGTHS.
22. THE ENGINEER OF RECORD DETERMINES THE POLE LENGTHS NEEDED AT EACH LOCATION PER VDOT STANDARD 131IJ0 IN ORDER TO ATTAIN THE REQUIRED LUMINAIRE MOUNTING HEIGHT SPECIFIED AT EACH LOCATION IN RELATION TO THE ROADWAY GRADING.ACTUAL POLE LENGTHS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD TO ACHIEVE THE REQUIRED MOUNTING HEIGHT PER VDOT STANDARD 130I.05 (2007).
23. ONLY APPROVED SPLICE KITS SHALL BE ALLOWED AT SPLICE POINTS IN THE ELECTRICAL POWER SYSTEM FOR THIS PROJECT.
24. CONDUITS SHALL BE INSTALLED WITH LARGE RADIUS OFFSETS (5 FT.MINIMUM RADIUS) TO BYPASS DRAINAGE INLETS,MANHOLES,AND OTHER OBSTRUCTIONS.
25. ALL WIRING SHALL TERMINATE IN CONTROL PANELS WITH INSULATED LUGS AND BE PROPERLY LABELED,CONFORMING TO WIRING DIAGRAMS FURNISHED BY THE CONTRACTOR.

GENERAL NOTES (CONTD.)

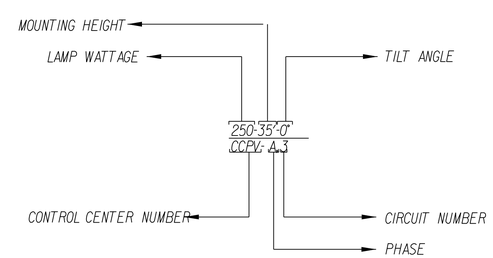
26. ALL CONDUCTORS SHALL BE COLOR-CODED AS REQUIRED IN THE SPECIFICATIONS. CERTIFIED CONDUCTOR TEST REPORTS SHALL BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO INSTALLATION.
27. THE CONTRACTOR SHALL FURNISH AND INSTALL AN EQUIPMENT GROUNDING CONDUCTOR IN ALL NON-METALLIC CONDUIT IN ACCORDANCE WITH SECTION 700 OF THE SPECIFICATIONS.THE MINIMUM EQUIPMENT GROUNDING CONDUCTOR SIZE SHALL BE THE SAME SIZE AS THE LARGEST CONDUCTOR INDICATED ON THE PLANS FOR EACH CONDUIT RUN.
28. GROUND RODS SHALL NOT HAVE A RESISTANCE TO GROUND OF MORE THAN 25 OHMS IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 700 OF THE SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE THE ENGINEER OF RECORD WITH A REPORT OF ELECTRICAL RESISTANCE MEASURED BETWEEN THE GROUND ROD AND GROUND.
29. GROUND RODS SHALL BE CONNECTED TO THE GROUND WIRE UTILIZING AN EXOTHERMIC WELD.
30. CONDUCTORS IN JUNCTION BOXES,AND ALL EQUIPMENT ENCLOSURES SHALL BE NEATLY ARRANGED AND LACED WITH APPROVED CABLE TIES.
31. THE CONTRACTOR SHALL COORDINATE ELECTRICAL SERVICE WITH THE ENGINEER OF RECORD AND THE LOCAL POWER COMPANY.

ROADWAY LIGHTING LEGEND

LUMINAIRE POLE INFORMATION



LUMINAIRE AND WIRING INFORMATION



NOTE: SHEET NO.13(2) OMITTED FOR THIS SUBMISSION.

ROADWAY LIGHTING LEGEND

PROPOSED	DESCRIPTION
========	LIGHTING ELECTRICAL CONDUIT
	LED LUMINAIRE WITH BREAKAWAY BASE
CCW SE-6	CONTROL CENTER CABINET WITH CABINET MOUNTED SE-6 ELECTRICAL SERVICE
J	JB-S1 (FOR SYSTEM GROUNDING)
	JB-S2 (UNLESS OTHERWISE INDICATED ON THE PLANS)
	BREAKAWAY BASE
	EXISTING LIGHTING
	PROPOSED LIGHTING
X	REMOVE EXISTING LIGHT POLE AND FIXTURE
	TRAFFIC SIGNAL LUMINAIRE

HGA

44 Canal Center Plaza, Suite 100
Alexandria, Virginia 22314
Telephone 703.836.7766

STRUCTURAL/FUNCTIONAL/MEP

WALKER CONSULTANTS
565 EAST SWEDESFORD ROAD
SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER

WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

WALKER CONSULTANTS
WBCM
WHITING-TURNER

NEABSCO COMMUTER PARKING GARAGE
PRINCE WILLIAM COUNTY
2450 NEABSCO STREAM DRIVE
WOODBRIDGE, VIRGINIA 22191

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: COMMISSION NO.

LIGHTING GENERAL NOTES

DATE: August 5, 2022

PUBLIC HEARING

13(1)

PLAN NUMBER: SPR2023-00040 S01

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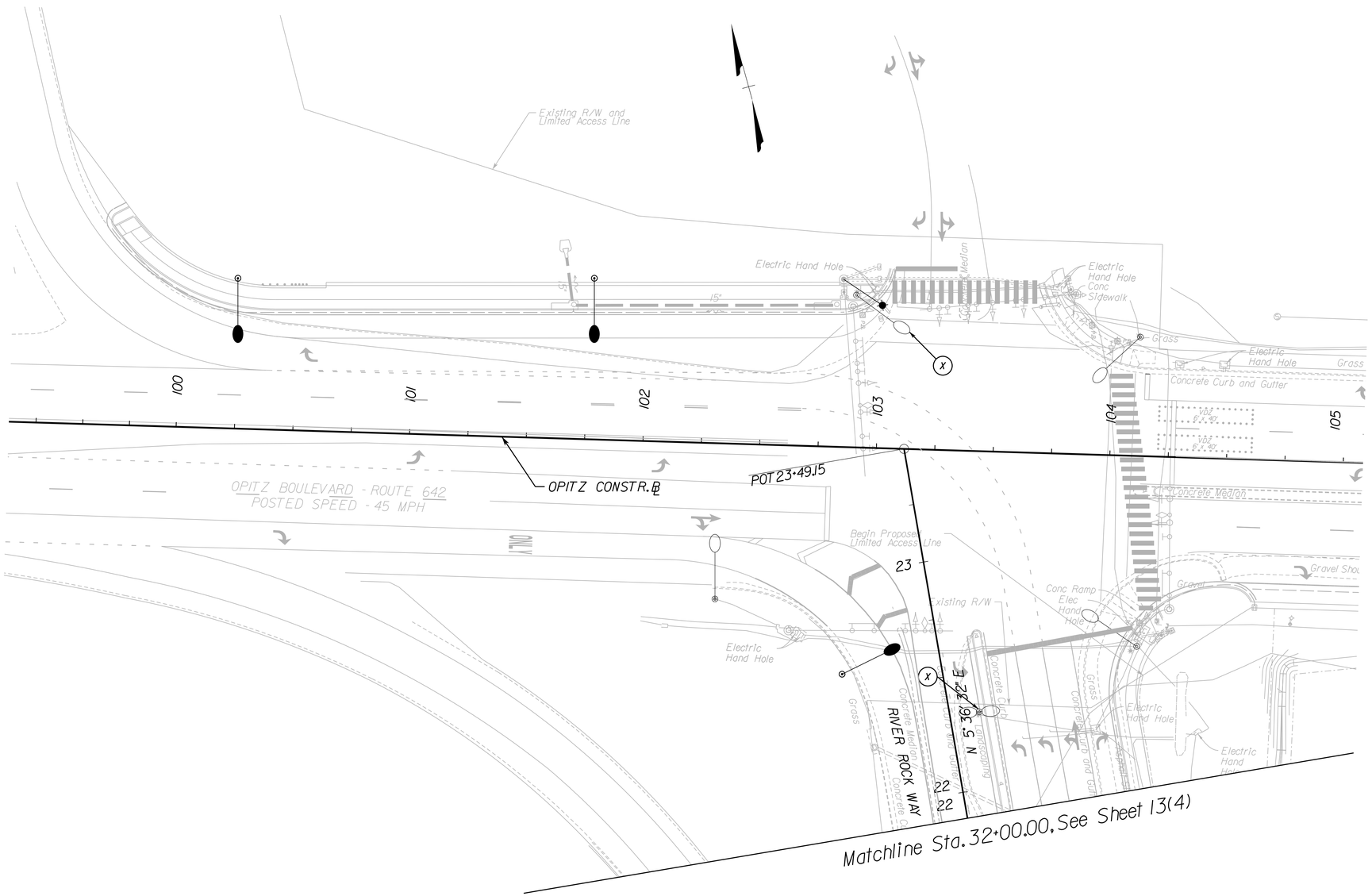

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△NO	DESCRIPTION	DATE

ISSUANCE HISTORY – THIS SHEET

HGA NO: COMMISSION NO.

LIGHTING PLAN

DATE: August 5, 2022

PUBLIC HEARING

13(3)

PLAN NUMBER: SPR2023-00040 S01

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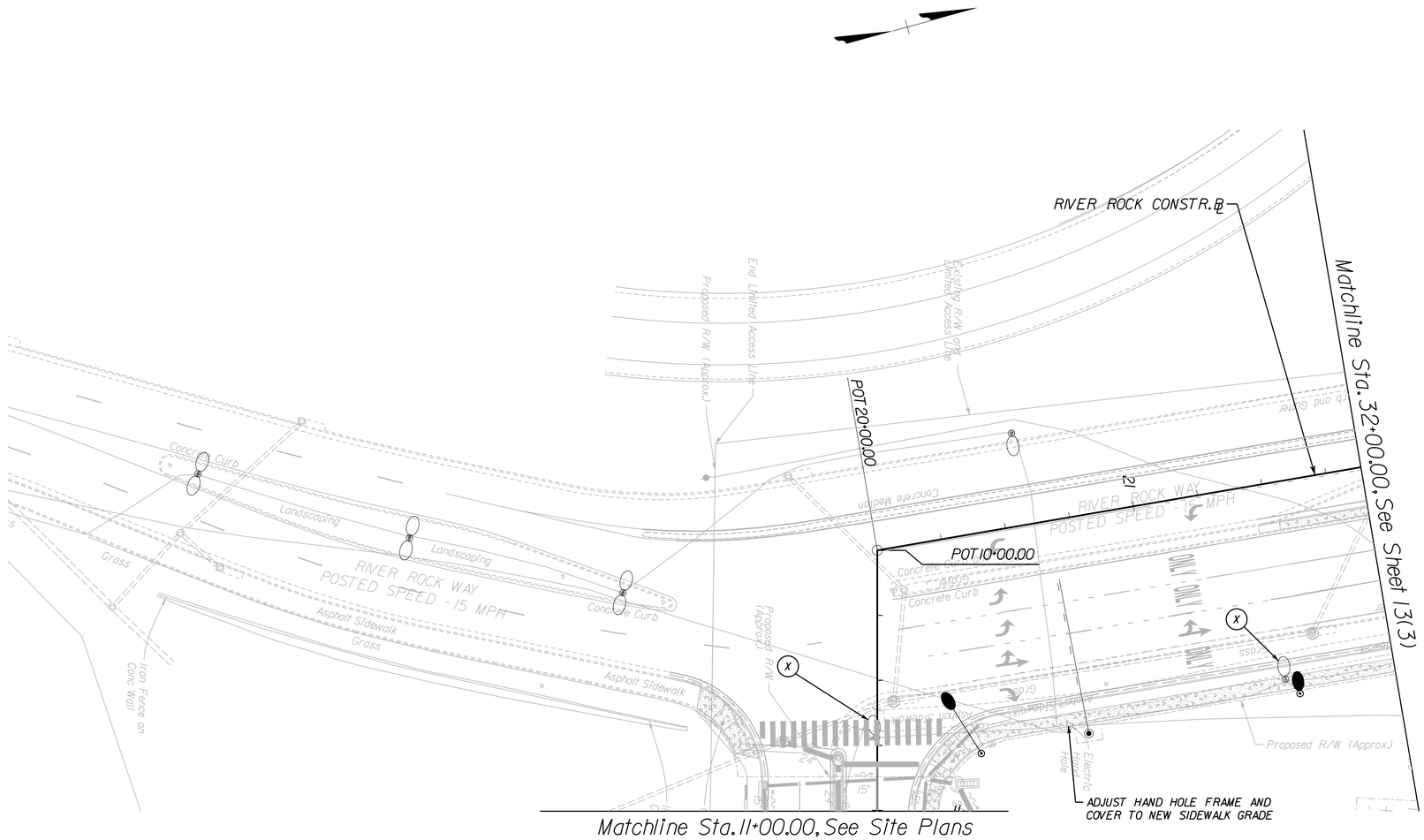

SCALE
0 25' 50'

PLAN NUMBER: SPR2023-00040 S01

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SUITE 300
WAYNE, PA 19087
610.995.0260

CIVIL ENGINEER

WBCM
300 EAST JOPPA ROAD
SUITE 200
BALTIMORE, MD 21286
410.512.4500

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WBCM
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ISSUANCE HISTORY – THIS SHEET

HGA NO: COMMISSION NO.

LIGHTING PLAN

DATE: August 5, 2022

PUBLIC HEARING

13(4)

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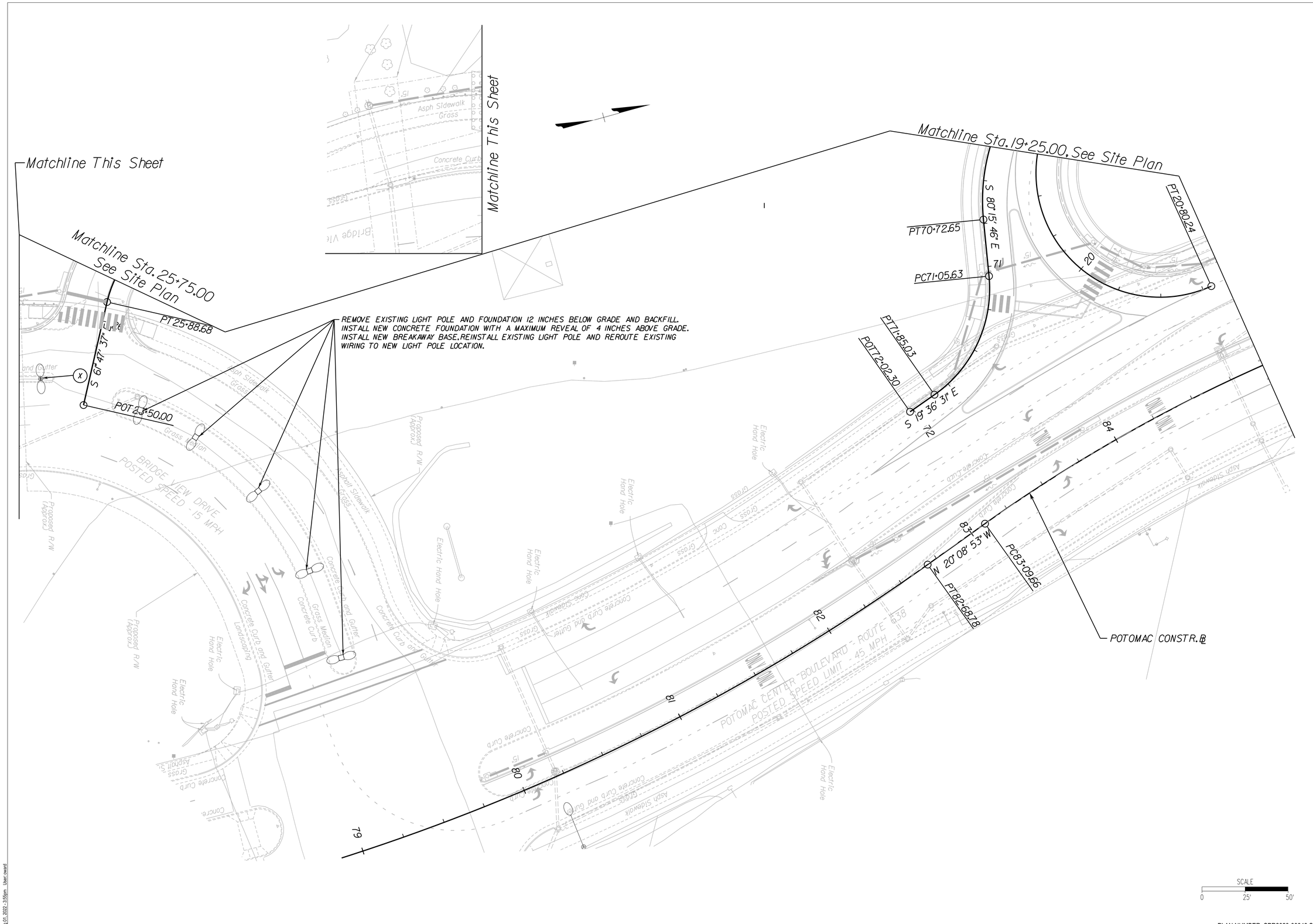

PLAN NUMBER: SPR2023-00040 S01

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY – THIS SHEET

HGA NO: COMMISSION NO.

LIGHTING PLAN

DATE: August 5, 2022

PUBLIC HEARING

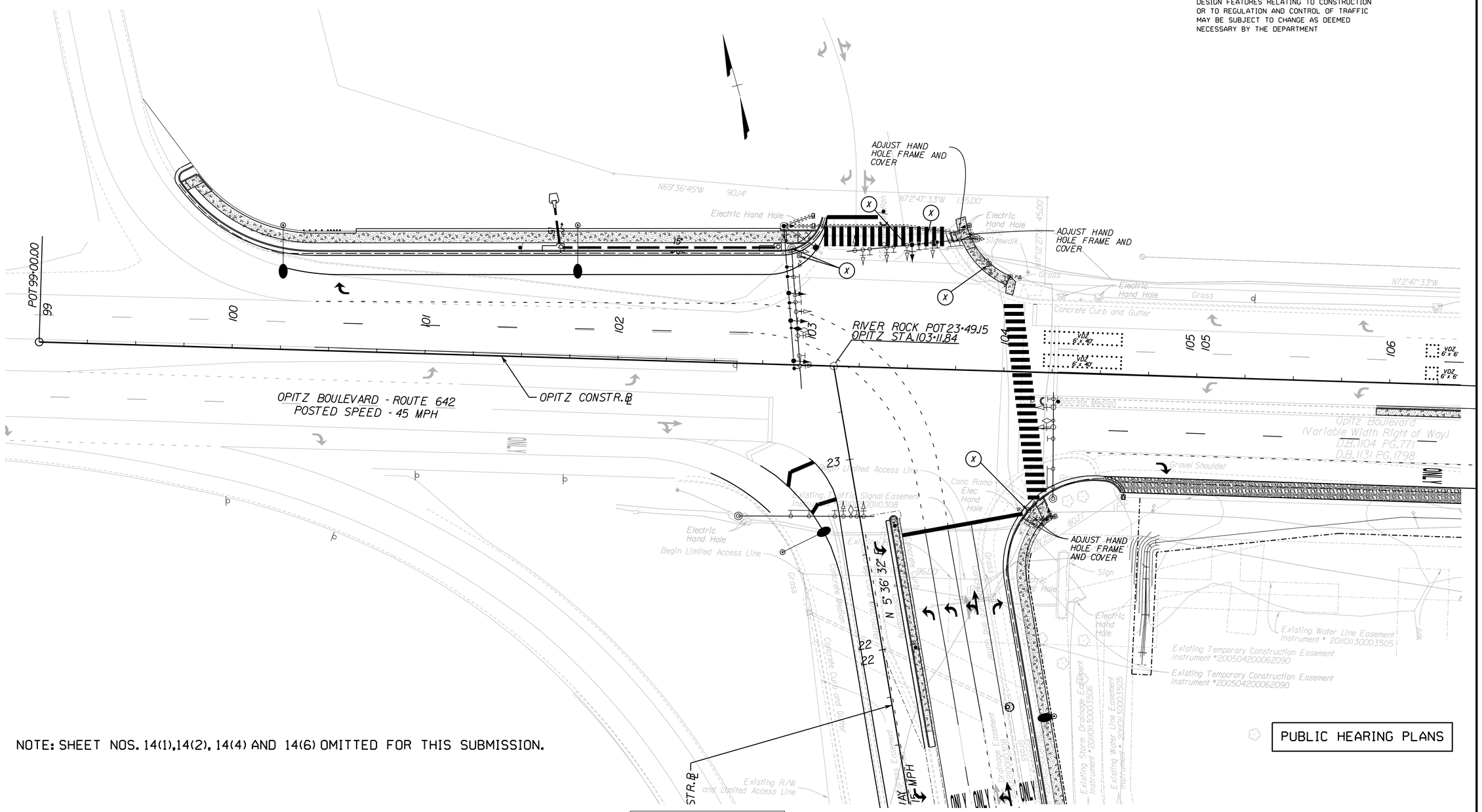
13(5)

8/5/2022

PROJECT MANAGER DAGMAWIE SHIKURYE (PWC-VDOT)
SURVEYED BY, DATE KEVIN D.NELSON I.S.(WILLIAM H.GORDON ASSOCIATES,INC) AUGUST 2019
DESIGN BY CHRISTI FRAGALE,P.E. (WSP USA,INC)
SUBSURFACE UTILITY BY, DATE MID-ATLANTIC UTILITY LOCATING,INC. AUGUST 2019

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	642	PRGA-076-242	

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



PUBLIC HEARING PLANS

NOTE: SHEET NOS. 14(1),14(2), 14(4) AND 14(6) OMITTED FOR THIS SUBMISSION.

LEGEND

(X) REMOVE EXISTING EQUIPMENT

JUNCTION BOX LEGEND

All Junction Boxes shall conform to St'd.JB-S2 unless otherwise noted on the plans.

(S1) Denotes St'd.JB-S1
XXX Junction Box Cover Label
(S3) Denotes St'd.JB-S3
(S4) Denotes St'd.JB-S4

VDOT
LOCATION AND DESIGN DIVISION
TRAFFIC ENGINEERING
1401 EAST BROAD STREET
RICHMOND, VA 23219

REFERENCES
(PLAN AND DETAIL SHEETS)

ROADWAY PLAN SHEETS
SIGNING AND PAVEMENT MARKING PLAN SHEETS

TRAFFIC CONTROL DEVICE PLANS
TRAFFIC SIGNAL PLAN
OPITZ BOULEVARD - ROUTE 642 & RIVER ROCK WAY
PRINCE WILLIAM COUNTY, VIRGINIA

SCALE	PROJECT	SHEET NO.
0 25' 50'	PRGA-076-242	14(3)

$DATE$

8/4/2022

PROJECT MANAGER DAGMAWIE SHIKURYE (PWC-VDOT)
SURVEYED BY, DATE KEVIN D.NELSON (S.WILLIAM H.GORDON ASSOCIATES,INC) AUGUST 2019
DESIGN BY CHRISTI FRAGALE,PE (WSP USA,INC)
SUBSURFACE UTILITY BY, DATE MID-ATLANTIC UTILITY LOCATING,INC.,AUGUST 2019

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	642	PRGA-076-242	

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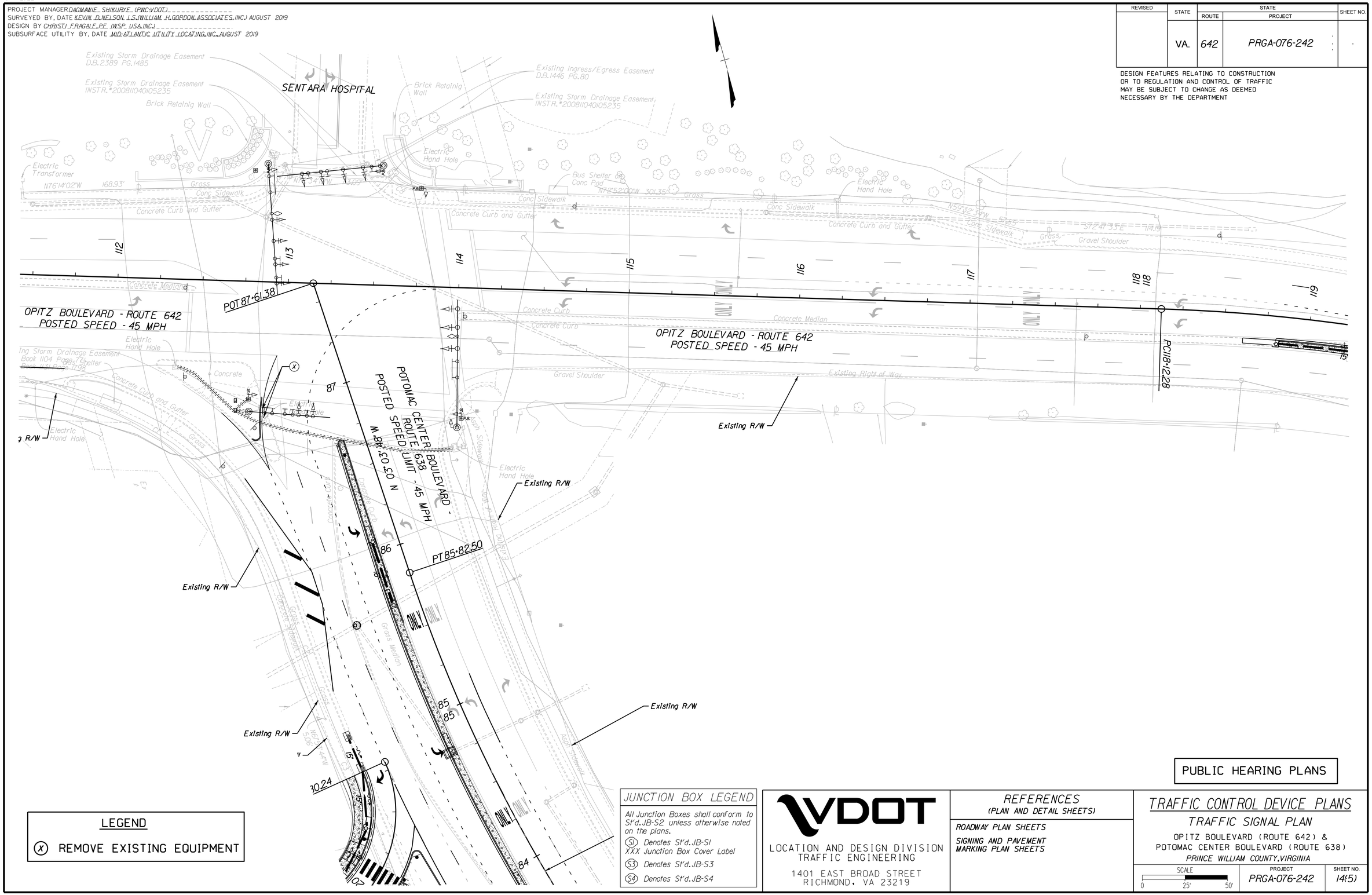

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LOCATION AND DESIGN DIVISION
TRAFFIC ENGINEERING
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RICHMOND, VA 23219

REFERENCES
(PLAN AND DETAIL SHEETS)

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SIGNING AND PAVEMENT MARKING PLAN SHEETS

PUBLIC HEARING PLANS

TRAFFIC CONTROL DEVICE PLANS
TRAFFIC SIGNAL PLAN

OPITZ BOULEVARD (ROUTE 642) &
POTOMAC CENTER BOULEVARD (ROUTE 638)
PRINCE WILLIAM COUNTY,VIRGINIA

SCALE	PROJECT	SHEET NO.
0 25' 50'	PRGA-076-242	14(5)

$DATE$