

OWNER:
CITY OF RICHMOND
DEPARTMENT OF PUBLIC WORKS
900 E BROAD STREET 7TH FLOOR,
RICHMOND, VA
PROJECT MANAGER - YONGPING WANG
CONTACT # 804-646-2467

AGENT:
Kimley»Horn
© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
2035 MAYWILL STREET SUITE 200, RICHMOND, VA 23230
PHONE: 804-673-3882
WWW.KIMLEY-HORN.COM

VDOT PROJECT COORDINATOR STEPHANIE UNDERWOOD 804-516-7861
SURVEYED BY, DATE H&B SURVEYING AND MAPPING, LLC - 02/12/2024
DESIGN SUPERVISED BY ALYSA BAIRD, PE (KIMLEY-HORN)
DESIGN BY KIMLEY-HORN AND ASSOCIATES, INC.
SUBSURFACE UTILITY BY, DATE ACCUMARK, 02/08/2024

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA		
	LEIGH STREET	TERMINAL PLACE
CLASSIFICATION	MINOR ARTERIAL	LOCAL STREET
FROM:	MYERS STREET	BROAD STREET (US 250)
TO:		ARTHUR ASHE BOULEVARD (ROUTE 161)
AADT (2022)	7400	NO DATA AVAILABLE
D (%)	59%	NO DATA AVAILABLE
T (%)	1.48%	NO DATA AVAILABLE
V (MPH)	35	25
DESIGN VEHICLE	S-BUS-40	S-BUS-40
*	SEE PLAN AND PROFILE SHEETS FOR HORIZONTAL AND VERTICAL CURVE DESIGN SPEED	

SURVEY LEGEND	
	STORM PIPE
	SANITARY PIPE
	GUARD RAIL
	RIPRAP
	TREE LINE
	PAVEMENT
	RAILROAD TRACKS
	FENCE

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

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE CITY OF RICHMOND DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS, 2020 VDOT ROAD AND BRIDGE SPECIFICATIONS, 2018 VDOT ROAD AND BRIDGE STANDARDS, 2023 FHWA MUTCD, 2026 VIRGINIA WORK AREA PROTECTION MANUAL, AND ALL REVISIONS AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC VERSION OF THE PLAN ASSEMBLY INCLUDING ALL REVISIONS.

THE ORIGINAL SIGNED/APPROVED TITLE SHEET, INCLUDING ORIGINAL SIGNATURES, IS FILED IN THE CITY OF RICHMOND DEPARTMENT OF PUBLIC WORKS OFFICE.

CONTRACT NO. - XXXXXXXXXXXX
UPC - 115408
AWARD NO. - XXXXXX
VDOT PROJECT NO. - 9999-127-064, P101, RW201, C501
FEDERAL PROJECT NO. - (NFO)STP-5B27(043)

CITY OF RICHMOND, VIRGINIA

DEPARTMENT OF PUBLIC WORKS

ENGINEERING AND TECHNICAL SERVICES

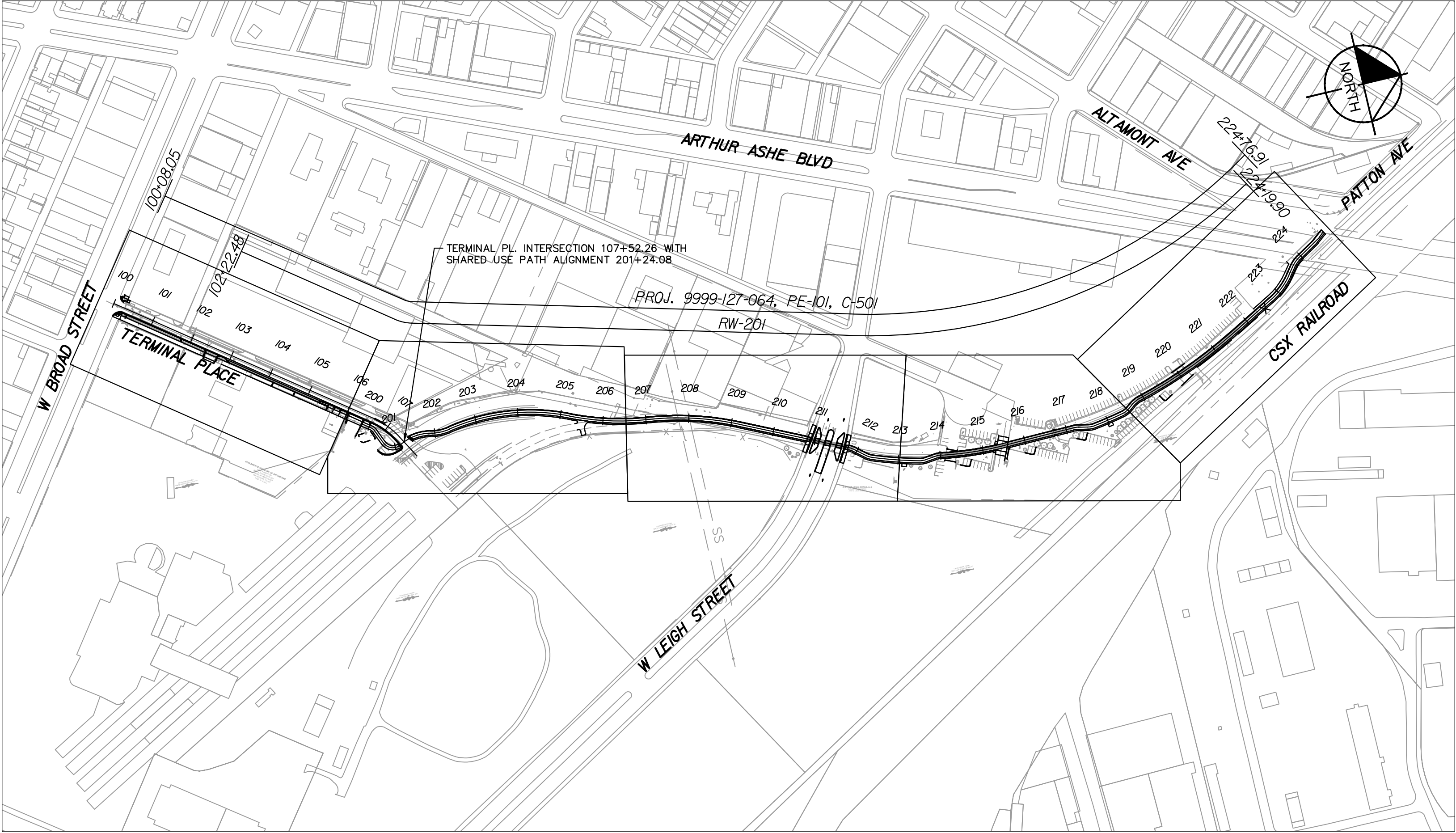


ARTHUR ASHE BLVD TO SCIENCE MUSEUM

BRT STATION SHARED USE PATH

FROM: 0.000 MILES N. OF BROAD STREET (US 250)

TO: 0.587 MILES N. OF BROAD STREET (US 250)



VICINITY MAP

SCALE: 1"= 200'

11/21/2025

RW PLANS

Population 226,610 City of Richmond (2020 Census)

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	EQUALITIES	LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		BRIDGE PROJECT NO.	TYPE PROJECT	DESCRIPTION
					FEET	FEET	MILES	FEET	MILES			
9999-127-064	PE-101		PENG	115408		3097.04	0.587	3097.04	0.587		PRELIM. ENG	Fr: 0.000 MI. N. OF BROAD STREET(US 250) To: 0.587 MI. N. OF BROAD STREET(US 250)
	RW-201		ROWA	115408		2825.62	0.535	2825.62	0.535		R/W	Fr: 0.049 MI. N. OF BROAD STREET (US 250) To: 0.584 MI. N. OF BROAD STREET (US 250)
	C-501		I000	115408		3097.04	0.587	3097.04	0.587		CONSTRUCTION	Fr: 0.000 MI. N. OF BROAD STREET(US 250) To: 0.587 MI. N. OF BROAD STREET(US 250)

FHWA 534 DATA 47034

Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

CITY OF RICHMOND

APPROVED FOR RIGHT-OF-WAY

DATE	SURVEY SUPERINTENDENT
DATE	PROJECT MANAGER
DATE	MAINTENANCE ENGINEER
DATE	CITY TRANSPORTATION ENGINEER
DATE	CAPITAL PROJECTS ADMINISTRATOR
DATE	CITY ENGINEER
DATE	DIRECTOR OF PUBLIC WORKS

REVISIONS

NO.	DATE	COMMENTS

DRAWING NO. - O-29194

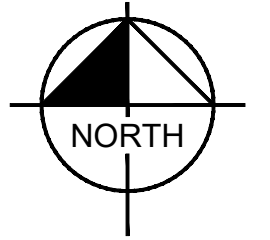
RW PLANS

THESE PLANS ARE UNFINISHED
AND UNAPPROVED AND ARE NOT
TO BE USED FOR ANY TYPE
OF CONSTRUCTION

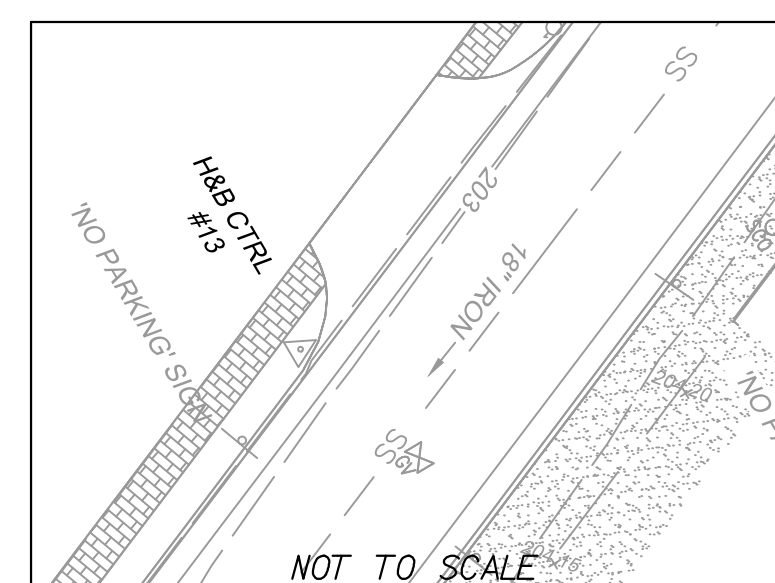
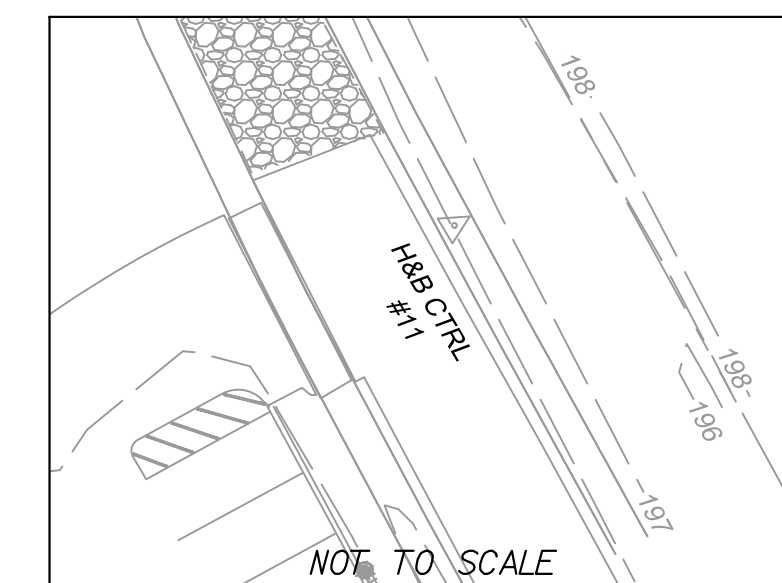
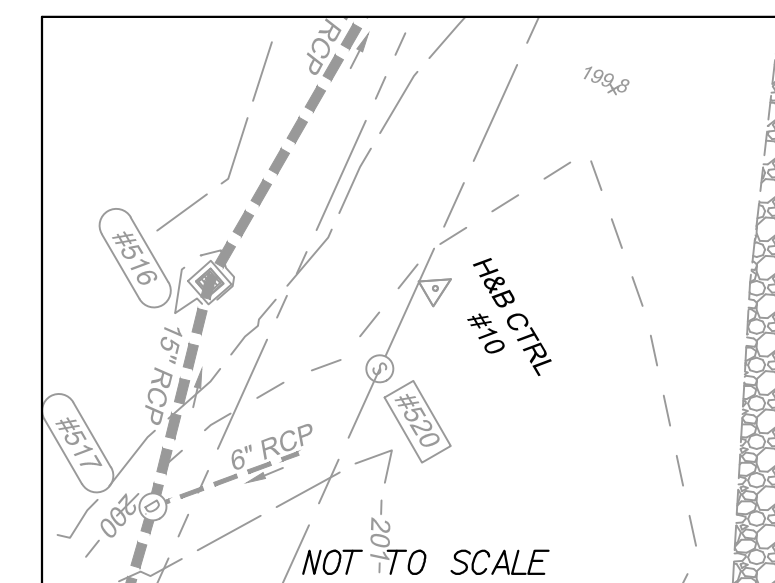
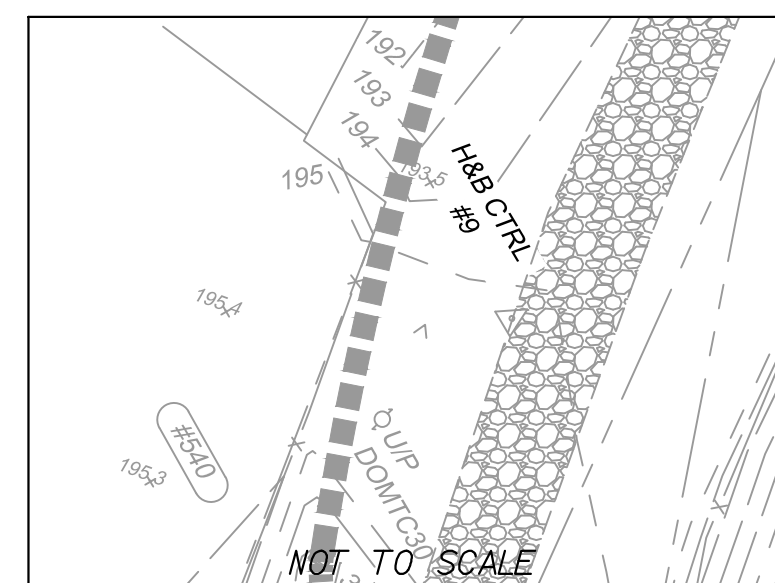
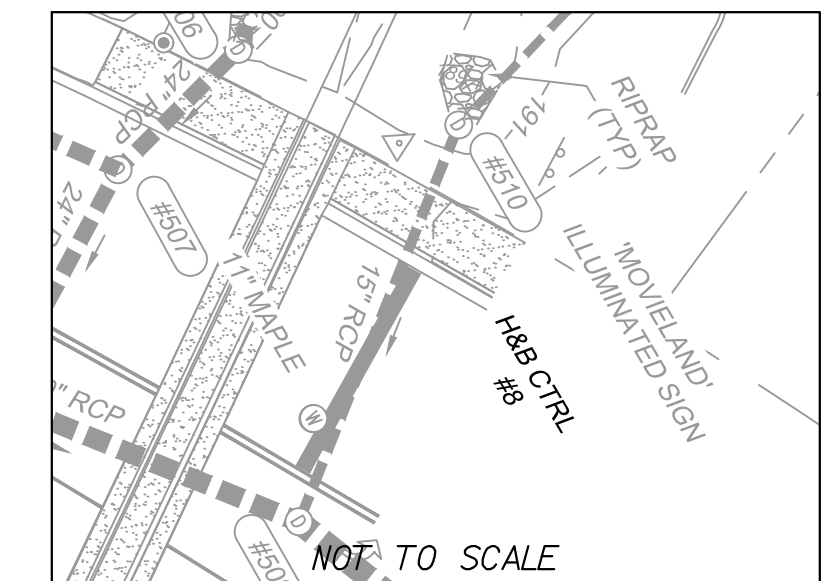
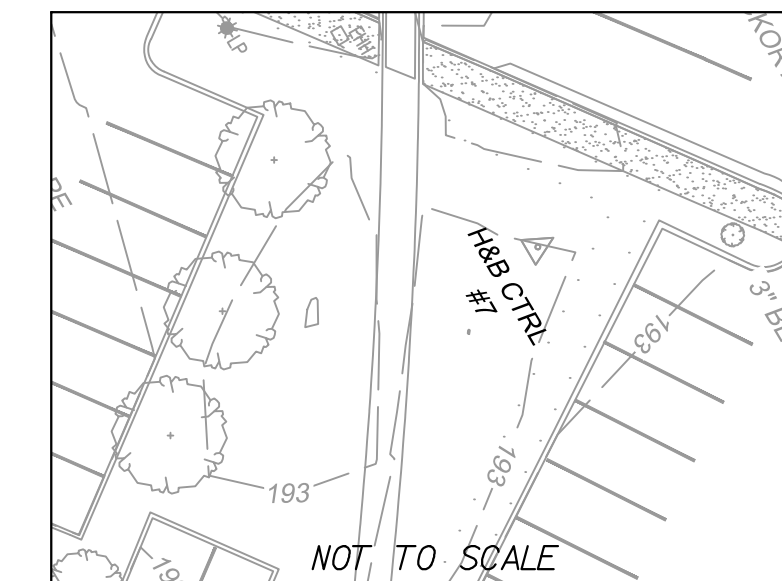
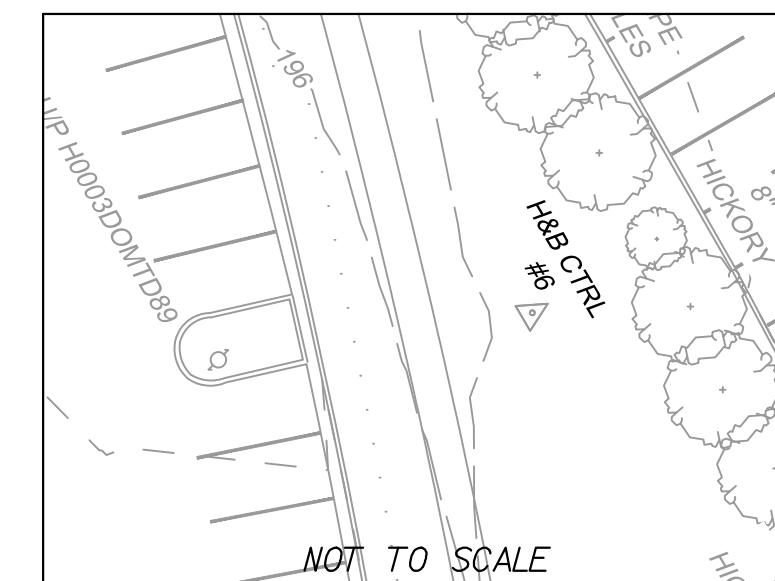
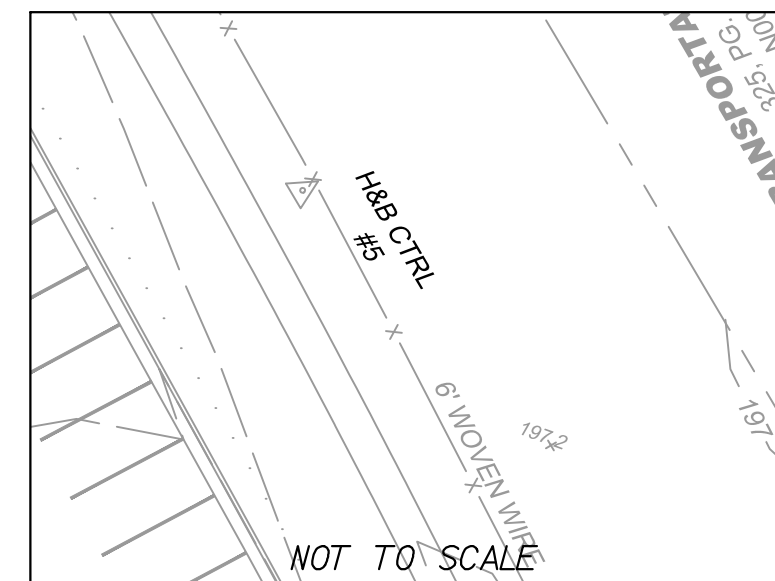
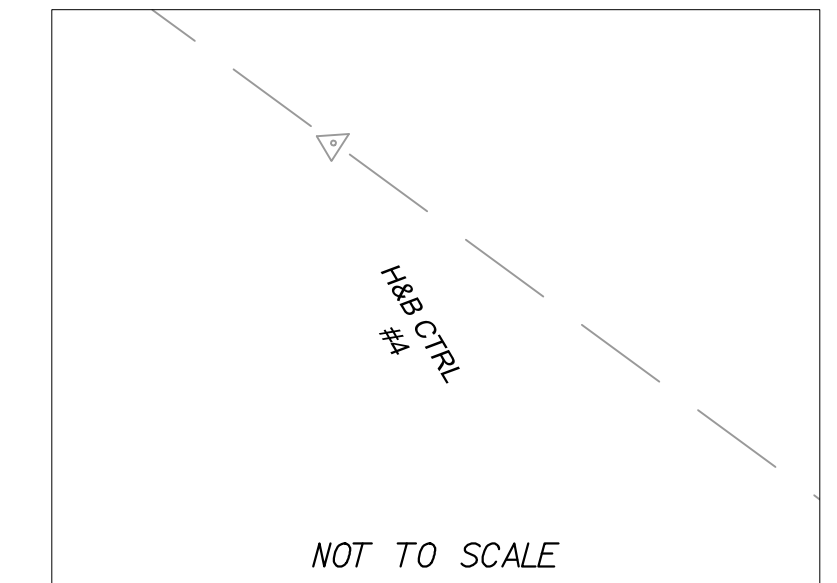
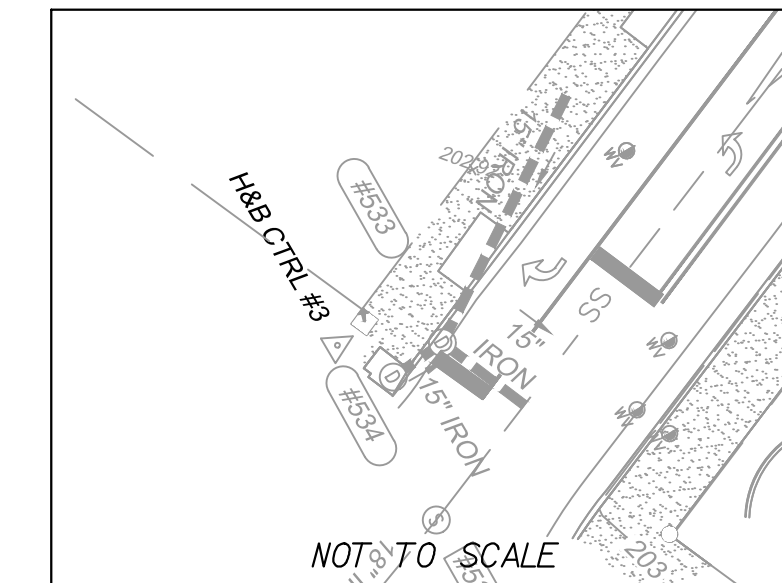
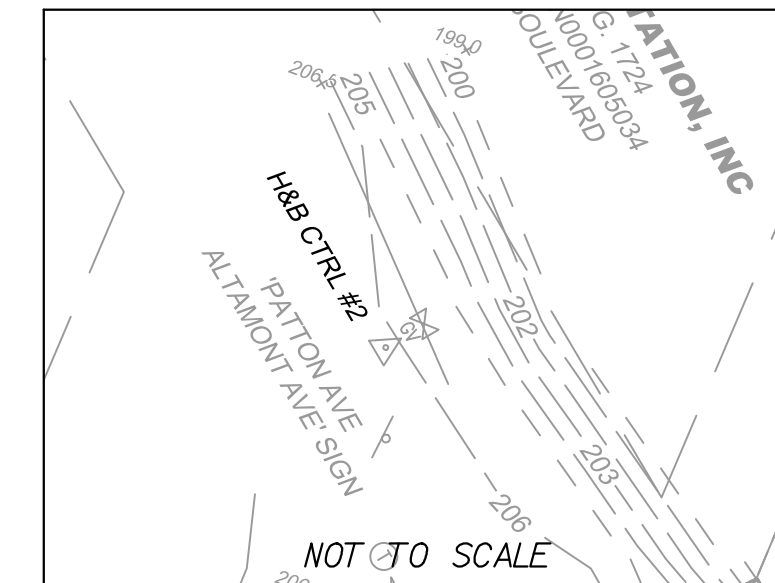
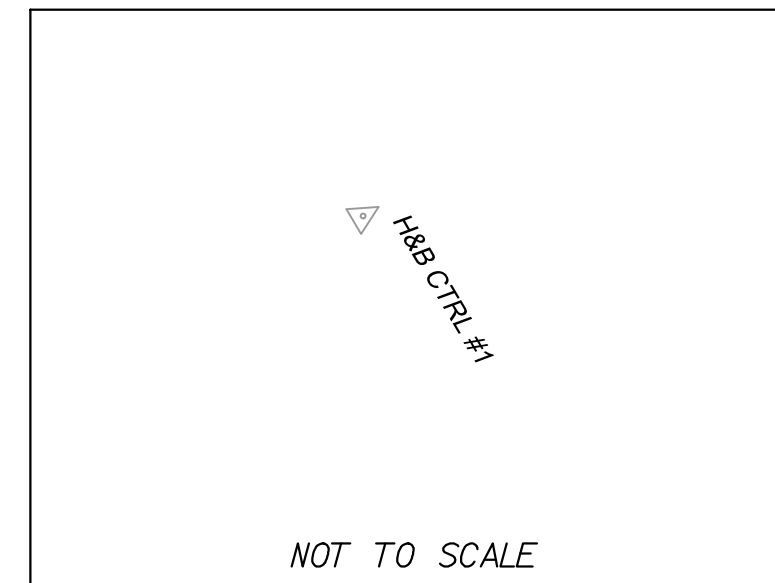
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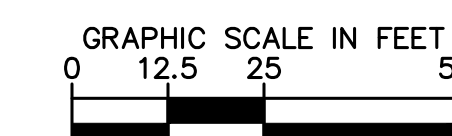
SURVEY ALIGNMENT DATA



CONTROL POINTS				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	3,733,469.81	11,781,784.38	201.56	CP- R/C GPS
2	3,732,495.14	11,782,356.12	206.23	CP- R/C GPS
3	3,729,697.20	11,781,904.99	202.76	CP- R/C GPS
4	3,729,396.93	11,782,323.81	207.20	CP- R/C GPS Adj. Elev.
5	3,732,201.82	11,782,578.46	197.07	CP- R/C
6	3,731,903.42	11,782,699.56	195.78	CP- R/C
7	3,731,564.37	11,782,725.53	193.05	CP- R/C
8	3,731,254.05	11,782,639.21	191.39	CP- R/C
9	3,730,962.90	11,782,486.82	194.89	CP- R/C
10	3,730,659.97	11,782,388.16	200.60	CP- R/C
11	3,730,397.80	11,782,503.65	197.86	CP- R/C
12	3,730,175.76	11,782,328.52	204.52	CP- R/C
13	3,729,924.94	11,782,085.88	203.31	CP- R/C



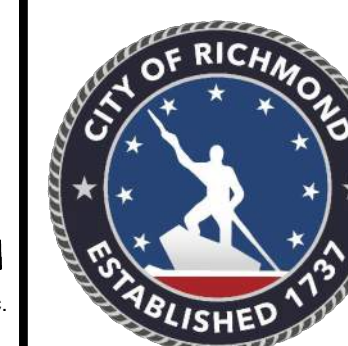
RW PLANS



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No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywill Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel. 804-673-3882



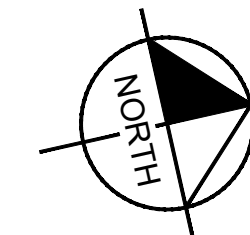
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
SURVEY ALIGNMENT DATA SHEET

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO	11/21/2025	10	X-XXXXX
CHECKED BY: AMB				

CONSTRUCTION ALIGNMENT DATA SHEET



Drawing name: K:\RCD\PROJECTS\114457_RCD\On-Call\015_S\W Shared Use Path\3 Project Data\CADD Sheets\CONSTRUCTION ALIGNMENT DATA.dwg Nor 22, 2025 7:50pm by Alysa Beird
This document, together with the concepts and designs presented herein, as an instrument of service intended only for the specific purpose and client for which it was prepared. Reuse of any part of this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and be without liability to Kimley-Horn and Associates, Inc.

Terminal Place Alignment			
Tangent Data			
Description	PT Station	Northing	Easting
Start:	100+00.000	3729667.9510	11781909.2430
End:	106+61.239	3730195.0580	11782308.4860
Tangent Data			
Parameter	Value	Parameter	Value
Length:	661.2390	Course:	N 37° 08' 27.9880" E
Curve Point Data — TRM_1			
Description	Station	Northing	Easting
PC:	106+61.239	3730195.0580	11782308.4860
RP:		3730085.0790	11782453.6880
PT:	107+35.579	3730243.6540	11782364.0610
Circular Curve Data — TRM_1			
Parameter	Value	Parameter	Value
Delta:	23° 23' 01.3589"	Type:	RIGHT
Radius:	182.1520		
Length:	74.3400	Tangent:	37.6950
Mid—Ord:	3.7790	External:	3.8590
Chord:	73.8250	Course:	N 48° 49' 58.6675" E
Tangent Data			
Description	PT Station	Northing	Easting
Start:	107+35.579	3730243.6540	11782364.0610
End:	107+96.654	3730273.7060	11782417.2310
Tangent Data			
Parameter	Value	Parameter	Value
Length:	61.0750	Course:	N 60° 31' 29.3469" E

Shared Use Path Alignment			
Tangent Data			
Description	PT Station	Northing	Easting
Start:	200+00.000	3730166.3720	11782315.5440
End:	200+20.507	3730182.7710	11782327.8580
Tangent Data			
Parameter	Value	Parameter	Value
Length:	20.5070	Course:	N 36° 54' 04.9178" E
Curve Point Data — SUP_1			
Description	Station	Northing	Easting
PC:	200+20.507	3730182.7710	11782327.8580
RP:		3730166.5590	11782349.4490
PT:	200+34.672	3730191.4060	11782338.8820
Circular Curve Data — SUP_1			
Parameter	Value	Parameter	Value
Delta:	30° 03' 33.4549"	Type:	RIGHT
Radius:	27.0000		
Length:	14.1650	Tangent:	7.2500
Mid—Ord:	0.9240	External:	0.9560
Chord:	14.0030	Course:	N 51° 55' 51.6452" E

Shared Use Path Alignment CONT'D.			
Curve Point Data — SUP_2			
Description	Station	Northing	Easting
PC:	200+68.678	3730204.7140	11782370.1750
RP:		3730229.3530	11782359.6970
PCC:	201+13.247	3730242.0940	11782383.2450
Circular Curve Data — SUP_2			
Parameter	Value	Parameter	Value
Delta:	95° 22' 37.5859"	Type:	LEFT
Radius:	26.7740		
Length:	44.5690	Tangent:	29.4120
Mid—Ord:	8.7510	External:	13.0000
Chord:	39.5990	Course:	N 19° 16' 19.5797" E
Curve Point Data — SUP_3			
Description	Station	Northing	Easting
PC:	201+13.247	3730242.0940	11782383.2450
RP:		3730292.7580	11782476.8830
PCC:	201+89.469	3730315.9890	11782372.9820
Circular Curve Data — SUP_3			
Parameter	Value	Parameter	Value
Delta:	41° 01' 11.5342"	Type:	RIGHT
Radius:	106.4660		
Length:	76.2220	Tangent:	39.8270
Mid—Ord:	6.7490	External:	7.2050
Chord:	74.6050	Course:	N 07° 54' 23.4462" W
Curve Point Data — SUP_4			
Description	Station	Northing	Easting
PC:	201+89.469	3730315.9890	11782372.9820
RP:		3730341.0830	11782260.7530
PCC:	202+35.449	3730361.6550	11782373.8980
Circular Curve Data — SUP_4			
Parameter	Value	Parameter	Value
Delta:	22° 54' 30.5829"	Type:	LEFT
Radius:	115.0000		
Length:	45.9800	Tangent:	23.3010
Mid—Ord:	2.2900	External:	2.3370
Chord:	45.6750	Course:	N 01° 08' 57.0294" E

Curve Point Data — SUP_5			
Description	Station	Northing	Easting
PCC:	202+35.449	3730361.6550	11782373.8980
RP:		3730445.7330	11782836.3170
PCC:	205+20.831	3730640.5240	11782408.5830
Circular Curve Data — SUP_5			
Parameter	Value	Parameter	Value
Delta:	34° 47' 23.1191"	Type:	RIGHT
Radius:	470.0000		
Length:	285.3820	Tangent:	147.2430
Mid—Ord:	21.4940	External:	22.5250
Chord:	281.0180	Course:	N 07° 05' 23.2975" E
Curve Point Data — SUP_6			
Description	Station	Northing	Easting
PCC:	205+20.831	3730640.5240	11782408.5830
RP:		3730891.2670	11781857.9890
PCC:	207+04.054	3730816.1440	11782458.3070
Circular Curve Data — SUP_6			
Parameter	Value	Parameter	Value
Delta:	17° 21' 06.6947"	Type:	LEFT
Radius:	605.0000		
Length:	183.2220	Tangent:	92.3180
Mid—Ord:	6.9230	External:	7.0030
Chord:	182.5230	Course:	N 15° 48' 31.5097" E
Curve Point Data — SUP_7			
Description	Station	Northing	Easting
PCC:	207+04.054	3730816.1440	11782458.3070
RP:		3730732.3290	11783128.0830
PT:	209+18.590	3731021.2560	11782518.0450

Circular Curve Data — SUP_7			
Parameter	Value	Parameter	Value
Delta:	18° 12' 37.4217"	Type:	RIGHT
Radius:	675.0000		
Length:	214.5360	Tangent:	108.1800
Mid—Ord:	8.5050	External:	8.6140
Chord:	213.6340	Course:	N 16° 14' 16.8732" E
Tangent Data			
Description	PT Station	Northing	Easting
Start:	209+18.590	3731021.2560	11782518.0450
End:	211+79.480	3731257.0380	11782629.7170
Tangent Data			
Parameter	Value	Parameter	Value
Length:	260.8900	Course:	N 25° 20' 35.5841" E
Curve Point Data — SUP_8			
Description	Station	Northing	Easting
PC:	211+79.480	3731257.0380	11782629.7170
RP:		3731231.3560	11782683.9420
PT:	211+94.802	3731269.9020	11782637.9620
Circular Curve Data — SUP_8			
Parameter	Value	Parameter	Value
Delta:	14° 37' 52.0320"	Type:	RIGHT
Radius:	60.0000		
Length:	15.3220	Tangent:	7.7030
Mid—Ord:	0.4880	External:	0.4920
Chord:	15.2800	Course:	N 32° 39' 31.6001" E
Tangent Data			
Description	PT Station	Northing	Easting
Start:	211+94.802	3731269.9020	11782637.9620
End:	212+23.918	3731292.2150	11782656.6680
Tangent Data			
Parameter	Value	Parameter	Value
Length:	29.1160	Course:	N 39° 58' 27.6161" E
Curve Point Data — SUP_9			
Description	Station	Northing	Easting
PC:	212+23.918	3731292.2150	11782656.6680
RP:		3731322.4100	11782620.6500
PCC:	212+39.823	3731305.8840	11782664.6490

Circular Curve Data — SUP_9			
Parameter	Value	Parameter	Value
Delta:	19° 23' 18.5267"	Type:	LEFT
Radius:	47.0000		
Length:	15.9040	Tangent:	8.0290
Mid—Ord:	0.6710	External:	0.6810
Chord:	15.8290	Course:	N 30° 16' 48.3527" E
Curve Point Data — SUP_10			
Description	Station	Northing	Easting
PCC:	212+39.823	3731305.8840	11782664.6490
RP:		3731639.9140	11781775.3100
PCC:	213+48.386	3731409.4730	11782696.9370
Circular Curve Data — SUP_10			
Parameter	Value	Parameter	Value
Delta:	06° 32' 51.4686"	Type:	LEFT
Radius:	950.0000		
Length:	108.5640	Tangent:	54.3410
Mid—Ord:	1.5500	External:	1.5530
Chord:	108.5050	Course:	N 17° 18' 43.3550" E
Curve Point Data — SUP_11			
Description	Station	Northing	Easting
PCC:	213+48.386	3731409.4730	11782696.9370
RP:		3731420.8740	11782651.3410
PT:	213+64.660	3731425.6250	11782698.1000
Circular Curve Data — SUP_11			
Parameter	Value	Parameter	Value
Delta:	19° 50' 20.6670"	Type:	LEFT
Radius:	47.0000		
Length:	16.2740	Tangent:	8.2190
Mid—Ord:	0.7030	External:	0.7130
Chord:	16.1930	Course:	N 04° 07' 07.2872" E

Tangent Data			
Description	PT Station	Northing	Easting
Start:	213+64.660	3731425.6250	11782698.1000
End:	213+86.740	3731447.5910	11782695.8690
Tangent Data			
Parameter	Value	Parameter	Value
Length:	22.0790	Course:	N 05° 48' 03.0463" W
Curve Point Data — SUP_12			
Description	Station	Northing	Easting
PC:	213+86.740	3731447.5910	11782695.8690
RP:		3731453.6550	11782755.5620
PCC:	214+03.157	3731463.9470	11782696.4510
Circular Curve Data — SUP_12			
Parameter	Value	Parameter	Value
Delta:	15° 40' 38.1556"	Type:	RIGHT
Radius:	60.0000		
Length:	16.4170	Tangent:	8.2600
Mid—Ord:	0.5610	External:	0.5660
Chord:	16.3660	Course:	N 02° 02' 16.0315" E
Curve Point Data — SUP_13			
Description	Station	Northing	Easting
PCC:	214+03.157	3731463.9470	11782696.4510
RP:		3731597.7350	11781928.0100
PT:	215+50.585	3731610.7090	11782707.9020
Circular Curve Data — SUP_13			
Parameter	Value	Parameter	Value
Delta:	10° 49' 46.2299"	Type:	LEFT
Radius:	780.0000		
Length:	147.4280	Tangent:	73.9340
Mid—Ord:	3.4810	External:	3.4960
Chord:	147.2090	Course:	N 04° 27' 41.9943" E
Tangent Data			
Description	PT Station	Northing	Easting
Start:	215+50.585	3731610.7090	11782707.9020
End:	217+15.220	3731775.3210	11782705.1640
Tangent Data			
Parameter	Value	Parameter	Value
Length:	164.6340	Course:	N 00° 57' 11.1207" W

RW PLANS

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Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER



Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Mayfield Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-675-5982

ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
CONSTRUCTION ALIGNMENT DATA

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, CS01

DESIGN BY: AMB	REVIEWED BY: JBO	DATE: 11/21/2025	SHEET: 1E(1)	DRAWING NO: X-XXXXX
CHECKED BY: AMB				

No.	REVISIONS	DATE	BY

CONSTRUCTION ALIGNMENT DATA SHEET

SHARED USE PATH ALIGNMENT CONT'D.

Curve Point Data — SUP 14			
Description	Station	Northing	Easting
PC:	217+15.220	3731775.3210	11782705.1640
RP:		3731776.3190	11782765.1560
PT:	217+28.473	3731788.4890	11782706.4030
Circular Curve Data — SUP 14			
Parameter	Value	Parameter	Value
Delta:	12° 39' 19.9862"	Type:	RIGHT
Radius:	60.0000		
Length:	13.2530	Tangent:	6.6540
Mid—Ord:	0.3660	External:	0.3680
Chord:	13.2260	Course:	N 05° 22' 28.8724" E
Tangent Data			
Description	PT Station	Northing	Easting
Start:	217+28.473	3731788.4890	11782706.4030
End:	217+51.521	3731811.0580	11782711.0780
Tangent Data			
Parameter	Value	Parameter	Value
Length:	23.0480	Course:	N 11° 42' 08.8655" E
Curve Point Data — SUP 15			
Description	Station	Northing	Easting
PC:	217+51.521	3731811.0580	11782711.0780
RP:		3731820.5910	11782665.0550
PCC:	217+67.680	3731827.1290	11782711.5980
Circular Curve Data — SUP 15			
Parameter	Value	Parameter	Value
Delta:	19° 41' 54.4899"	Type:	LEFT
Radius:	47.0000		
Length:	16.1590	Tangent:	8.1600
Mid—Ord:	0.6930	External:	0.7030
Chord:	16.0790	Course:	N 01° 51' 11.6205" E
Curve Point Data — SUP 16			
Description	Station	Northing	Easting
PCC:	217+67.680	3731827.1290	11782711.5980
RP:		3731701.9290	11781820.3490
PCC:	218+37.099	3731895.4330	11782699.3000
Circular Curve Data — SUP 16			
Parameter	Value	Parameter	Value
Delta:	04° 25' 09.6958"	Type:	LEFT
Radius:	900.0000		
Length:	69.4190	Tangent:	34.7270
Mid—Ord:	0.6690	External:	0.6700
Chord:	69.4020	Course:	N 10° 12' 19.8319" W
Curve Point Data — SUP 17			
Description	Station	Northing	Easting
PCC:	218+37.099	3731895.4330	11782699.3000
RP:		3731885.3280	11782653.4000
PT:	218+57.808	3731914.0450	11782690.6060
Circular Curve Data — SUP 17			
Parameter	Value	Parameter	Value
Delta:	25° 14' 46.3652"	Type:	LEFT
Radius:	47.0000		
Length:	20.7100	Tangent:	10.5260
Mid—Ord:	1.1360	External:	1.1640
Chord:	20.5420	Course:	N 25° 02' 19.8319" W

Tangent Data			
Description	PT Station	Northing	Easting
Start:	218+57.808	3731914.045	11782690.61
End:	218+67.842	3731921.987	11782684.48
Tangent Data			
Parameter	Value	Parameter	Value
Length:	10.033	Course:	N 37° 39' 43.0146" W
Curve Point Data — SUP_18			
Description	Station	Northing	Easting
PC:	218+67.842	3731921.987	11782684.48
RP:		3731958.647	11782731.97
PRC:	218+91.513	3731943.059	11782674.03
Circular Curve Data — SUP_18			
Parameter	Value	Parameter	Value
Delta:	22° 36' 13.7288"	Type:	RIGHT
Radius:	60		
Length:	23.671	Tangent:	11.991
Mid—Ord:	1.164	External:	1.187
Chord:	23.517	Course:	N 26° 21' 36.1502" W
Curve Point Data — SUP_19			
Description	Station	Northing	Easting
PRC:	218+91.513	3731943.059	11782674.03
RP:		3731644.291	11781563.52
PT:	221+55.252	3732187.693	11782577.04
Circular Curve Data — SUP_19			
Parameter	Value	Parameter	Value
Delta:	13° 08' 24.4937"	Type:	LEFT
Radius:	1150		
Length:	263.739	Tangent:	132.451
Mid—Ord:	7.552	External:	7.602
Chord:	263.162	Course:	N 21° 37' 41.5326" W
Tangent Data			
Description	PT Station	Northing	Easting
Start:	221+55.252	3732187.693	11782577.04
End:	222+75.959	3732294.075	11782520
Tangent Data			
Parameter	Value	Parameter	Value
Length:	120.707	Course:	N 28° 11' 53.7795" W
Curve Point Data — SUP_20			
Description	Station	Northing	Easting
PC:	222+75.959	3732294.075	11782520
RP:		3732215.636	11782373.7
PT:	223+46.544	3732347.44	11782474.62
Circular Curve Data — SUP_20			
Parameter	Value	Parameter	Value
Delta:	24° 21' 45.6784"	Type:	LEFT
Radius:	166		
Length:	70.585	Tangent:	35.834
Mid—Ord:	3.738	External:	3.824
Chord:	70.054	Course:	N 40° 22' 46.6187" W
Tangent Data			
Description	PT Station	Northing	Easting
Start:	223+46.544	3732347.44	11782474.62
End:	223+67.755	3732360.334	11782457.77
Tangent Data			
Parameter	Value	Parameter	Value
Length:	21.211	Course:	N 52° 33' 39.4579" W
Curve Point Data — SUP_21			
Description	Station	Northing	Easting
PC:	223+67.755	3732360.334	11782457.77
RP:		3732419.09	11782502.76
PT:	223+95.272	3732380.696	11782439.39

Circular Curve Data — SUP 21			
Parameter	Value	Parameter	Value
Delta:	21° 18' 21.3907"	Type:	RIGHT
Radius:	74		
Length:	27.518	Tangent:	13.92
Mid—Ord:	1.275	External:	1.298
Chord:	27.359	Course:	N 41° 54' 28.7625" W
Tangent Data			
Description	PT Station	Northing	Easting
Start:	223+95.272	3732380.696	11782439.5
End:	224+41.099	3732419.871	11782415.72
Tangent Data			
Parameter	Value	Parameter	Value
Length:	45.826	Course:	N 31° 15' 18.0672" W
Curve Point Data — SUP 22			
Description	Station	Northing	Easting
PC:	224+41.099	3732419.871	11782415.72
RP:		3732388.74	11782364.43
PT:	224+49.118	3732426.428	11782411.12
Circular Curve Data — SUP 22			
Parameter	Value	Parameter	Value
Delta:	10° 02' 07.8686"	Type:	LEFT
Radius:	47		
Length:	8.232	Tangent:	4.127
Mid—Ord:	0.18	External:	0.181
Chord:	8.222	Course:	N 36° 16' 22.0015" W
Tangent Data			
Description	PT Station	Northing	Easting
Start:	224+49.118	3732426.428	11782411.12
End:	224+67.809	3732440.972	11782399.38
Tangent Data			
Parameter	Value	Parameter	Value
Length:	18.691	Course:	N 38° 54' 46.6400" W
Curve Point Data — SUP 23			
Description	Station	Northing	Easting
PC:	224+67.809	3732440.972	11782399.38
RP:		3732478.66	11782446.06
PT:	224+76.490	3732448.097	11782394.43
Circular Curve Data — SUP 23			
Parameter	Value	Parameter	Value
Delta:	08° 17' 23.5501"	Type:	RIGHT
Radius:	60		
Length:	8.681	Tangent:	4.348
Mid—Ord:	0.157	External:	0.157
Chord:	8.674	Course:	N 34° 46' 04.8649" W
Tangent Data			
Description	PT Station	Northing	Easting
Start:	224+76.490	3732448.097	11782394.43
End:	224+82.019	3732452.855	11782391.61
Tangent Data			
Parameter	Value	Parameter	Value
Length:	5.529	Course:	N30° 37' 23.0899" W

LEIGH STREET ALIGNMENT

Tangent Data			
Description	PT Station	Northing	Easting
Start:	300+00.000	3731338.3539	11782363.5305
End:	300+36.68	3731323.8559	11782397.2278
Tangent Data			
Parameter	Value	Parameter	Value
Length:	36.6840	Course:	S 66° 43' 14.0935" E
Curve Point Data — WLS 1			
Description	Station	Northing	Easting
PC:	300+36.68	3731323.8559	11782397.2278
RP:		3730680.8440	11782120.5769
PT:	300+73.66	3731316.5473	11782414.2149
Circular Curve Data — WLS 1			
Parameter	Value	Parameter	Value
Delta:	3°01'35.6314"	Type:	RIGHT
Radius:	700.0000		
Length:	36.9760	Tangent:	18.4930
Mid—Ord:	0.2440	External:	0.2440
Chord:	36.9720	Course:	S 65° 12' 26.2778" E
Curve Point Data — WLS 2			
Description	Station	Northing	Easting
PC:	300+73.66	3731308.3521	11782430.7923
RP:		3729013.9938	11781296.5517
PT:	303+28.03	3731251.9411	11782544.9013
Circular Curve Data — WLS 2			
Parameter	Value	Parameter	Value
Delta:	05° 41' 40.1138"	Type:	RIGHT
Radius:	2559.4100		
Length:	254.3730	Tangent:	127.2910
Mid—Ord:	3.1600	External:	3.1630
Chord:	254.2680	Course:	S 60° 50' 48.4052" E
Curve Point Data — WLS 3			
Description	Station	Northing	Easting
PC:	303+28.03	3731184.4861	11782652.8500
RP:		3730590.8554	11782281.9017
PT:	306+70.30	3731091.9483	11782800.9388
Circular Curve Data — WLS 3			
Parameter	Value	Parameter	Value
Delta:	28° 00' 52.3820"	Type:	RIGHT
Radius:	700.0000		
Length:	342.2620	Tangent:	174.6240
Mid—Ord:	20.8150	External:	21.4520
Chord:	338.8630	Course:	S 43° 59' 32.1574" E
Tangent Data			
Description	PT Station	Northing	Easting
Start:	306+70.30	3730940.6966	11782888.2112
End:	307+43.04	3730877.6856	11782924.5685
Tangent Data			
Parameter	Value	Parameter	Value
Length:	72.7480	Course:	S 29° 59' 05.9664" E

RW PLANS

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Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

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Tel. 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
CONSTRUCTION ALIGNMENT DATA

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.
9999-127-064 P101 RW201 C501

DESIGN BY: AM
DRAWN BY: SC
CHECKED BY: AM

REVIEWED BY
JHO

DATE
12/21/2025

 $IE(2,$

DRAWING NO.

Drawing name: K:\R0C-TP0V\113457_R0C-On-Call\015_S0W Shared Use Path\3 Project Data\CADD\Sheets\TRAFFIC MANAGEMENT PLAN.dwg 11/21/2025 4:05pm by AlysaBorid
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TRANSPORTATION MANAGEMENT PLAN (TMP) &
SEQUENCE OF CONSTRUCTION

ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT SHARED USE PATH

TEMPORARY TRAFFIC CONTROL PLAN

INTRODUCTION

THE PROPOSED IMPROVEMENTS TOTAL APPROXIMATELY 700 LINEAR FEET OF SIDEWALK ALONG TERMINAL PLACE IN THE CITY OF RICHMOND AND 2475 LINEAR FEET OF SHARED USE PATH IS PROPOSED ALONG THE THE ABANDONED RAILROAD TRACKS BETWEEN THE SCIENCE MUSEUM OF VIRGINIA AND THE ARTHUR ASHE BLVD BRIDGE. PEDESTRIAN CROSSING IMPROVEMENTS ARE PROPOSED ACROSS LEIGH STREET ALONG THE EXISTING RAILROAD ALIGNMENT INCLUDING CURB EXTENSIONS AND RECTANGULAR RAPID FLASHING BEACON (RRFB).

GENERAL NOTES

- THE PROPOSED IMPROVEMENTS FOLLOW UNDER THE TMP TYPE A PROJECT.
- THE PROJECT LOCATION IS FROM BROAD STREET (US 250) TO ARTHUR ASHE BOULEVARD (ROUTE 161) ALONG THE EXISTING ABANDONED RAILROAD ALIGNMENT IN THE CITY OF RICHMOND.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TRAFFIC CONTROL DEVICES (TCD), SIGNAGE, EQUIPMENT, PERSONNEL, INCLUDING CERTIFIED TRAFFIC CONTROL PERSONNEL TO CONTROL TRAFFIC DURING CONSTRUCTION WITHIN CITY MAINTAINED RIGHT-OF-WAY. ALL TRAFFIC CONTROL SHALL BE IN STRICT ACCORDANCE WITH THE STANDARDS, GUIDELINES, POLICIES AND OBJECTIVES OF THE 2026 VIRGINIA WORK AREA PROTECTION MANUAL AND ALL REVISIONS, 2023 MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES, AND ALL CITY PERMITS. CONTRACTOR SHALL HAVE BOTH INTERMEDIATE AND A BASIC WORK ZONE TRAFFIC CONTROL CERTIFIED EMPLOYEE ON SITE AT ALL TIMES DURING LANE CLOSURES, LANE CHANGES, AND AT LEAST DAILY TO REVIEW WORK ZONE.
- THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING AREAS FOR EQUIPMENT STORAGE AND STAGING OF MATERIALS. ALL COSTS FOR TRAFFIC CONTROL DEVICES AND EROSION & SEDIMENT REQUIREMENTS FOR LAYDOWN YARD SHALL BE INCIDENTAL WITH OTHER ITEMS WITH NO SEPARATE PAYMENT THERETO.
- THE WORK ZONE SHALL BE MAINTAINED ACCORDING TO THE TEMPORARY TRAFFIC CONTROL PLANS AS SHOWN IN THE CONTRACT DOCUMENTS.
- THE FOLLOWING TRAFFIC CONTROL SPECIFICATIONS FROM THE VIRGINIA WORK AREA PROTECTION MANUAL MAY BE USED: TTC-5.0, 16.0, 29.0, 34.0, 35.0, 36.0, AND OTHERS AS REQUIRED.
- TYPICAL CHANNELIZING DEVICE SPACING SHALL BE AS FOLLOWS:
TRAVELWAY SPACING = 40'
TRANSITION SPACING = 20'
- ENTRANCES ALONG TERMINAL PLACE WILL BE AFFECTED BY THE WORK ZONE AND ACCESS TO THE CHILDREN'S MUSEUM OF RICHMOND, SCIENCE MUSEUM OF VIRGINIA, AND LOADING DOCKS SHALL BE MAINTAINED AT ALL TIMES.
- TYPES OF TRAFFIC CONSIST OF PEDESTRIANS, PASSENGER VEHICLES, SCHOOL BUSES, TRUCKS, AND BICYCLES.
- ALL AREAS EXCAVATED BELOW THE EXISTING PAVEMENT SURFACE AND WITHIN THE CLEAR ZONE (NOT PROTECTED BY BARRIER), AT THE CONCLUSION OF EACH WORKDAY, SHALL BE BACK-FILLED TO FORM AN APPROXIMATE 6:1 DESIRABLE (4:1 MINIMUM) WEDGE, AGAINST THE EXISTING PAVEMENT SURFACE FOR SAFETY AND PROTECTION OF VEHICULAR TRAFFIC. ALL COST OF PLACING, MAINTAINING, AND REMOVING THE WEDGE SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. NIGHT TIME WORK HOURS WILL BE ALLOWED AT THE DISCRETION OF THE PROJECT ENGINEER AND CITY TRANSPORTATION ENGINEER.
- ALLOWABLE WORK HOURS SHALL BE FROM 7AM TO 6PM MONDAY THROUGH FRIDAY EXCEPT HOLIDAYS AND WHEN NIGHT WORK IS APPROVED BY THE PROJECT ENGINEER AND CITY TRANSPORTATION ENGINEER. NO LANE CLOSURES ARE ALLOWED FROM 7AM-9AM AND 4PM-6PM, UNLESS OTHERWISE APPROVED BY THE CITY TRANSPORTATION ENGINEER.

PUBLIC COMMUNICATIONS PLAN

THE CONTRACTOR IS TO COORDINATE WITH THE CITY OF RICHMOND TO PUBLISH ANNOUNCEMENTS REGARDING WORK ACTIVITIES FOR THIS PROJECT. EACH ACTIVITY WILL BE GOVERNED BY THE TIMES ESTABLISHED BY THE CITY TRANSPORTATION ENGINEER. THE CONTRACTOR SHALL PROVIDE LANE CLOSURE INFORMATION A MINIMUM OF TWO WEEKS IN ADVANCE OF WORK SO IT CAN BE PUBLISHED. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A TWO WEEK LOOK AHEAD EVERY WEDNESDAY BY NOON TO AID IN THE CITY NOTIFYING PUBLIC OF WORK ACTIVITIES.

TRANSPORTATION OPERATIONS PLAN

- THE FOLLOWING IS A LIST OF LOCAL EMERGENCY CONTACT AGENCIES:
CITY OF RICHMOND POLICE DEPARTMENT: 804-646-5100 OR 911 (IN EMERGENCY)
- PROCEDURES TO RESPOND TO TRAFFIC INCIDENTS THAT MAY OCCUR IN THE WORK ZONE:
 - CONTRACTOR TO NOTIFY CITY OF RICHMOND INSPECTOR IN CHARGE.
 - DEPENDING ON THE SEVERITY OF INCIDENT, THE CONTRACTOR MAY HAVE TO SHUT DOWN WORK OPERATIONS.
 - INSPECTOR TO TAKE PICTURES AS NECESSARY, ESPECIALLY PICTURES OF CONTRACTOR'S WORK ZONE TO VERIFY COMPLIANCE WITH STANDARDS.
 - UPON ARRIVAL ON SCENE, CITY OF RICHMOND POLICE DEPARTMENT STAFF TO DETERMINE RESPONSE NECESSARY TO ALLOW TRAVELING PUBLIC AROUND THE INCIDENT.
- PROCESS OF NOTIFICATION OF INCIDENT TO BE FOLLOWED IS:
 - CONTRACTOR TO CALL PROJECT MAINTENANCE OF TRAFFIC COORDINATOR (INSPECTOR); TO BE DETERMINED
 - CONTRACTOR TO CALL PROJECT MANAGER (CONSTRUCTION ENGINEER); TO BE DETERMINED
 - THE CITY OF RICHMOND POLICE DEPARTMENT WILL TAKE CONTROL OF THE INCIDENT AND DIRECT ITS CLEARING AND RESTORATION TO NORMAL TRAFFIC OPERATIONS.
 - THE CITY OF RICHMOND POLICE DEPARTMENT REPORT OF THE INCIDENT WILL BE REVIEWED BY THE CITY AND/OR VDOT TO DETERMINE IF ANY MODIFICATION OF THE TEMPORARY TRAFFIC CONTROL PLAN IS NECESSARY. IF IT IS DETERMINED THAT IT IS NECESSARY TO ALTER THE PLAN, THEN A MEETING WILL BE CALLED WITH THE CONTRACTOR, CITY OF RICHMOND PROJECT PERSONNEL, AND THE CITY OF RICHMOND POLICE DEPARTMENT STAFF (IF NECESSARY) TO DISCUSS MODIFICATION AND IMPLEMENTATION OF AN IMPROVED TRAFFIC CONTROL PLAN.

Existing Posted Speed Limits Are As Follows:	
Baseline/Roadway	Posted Speed Limit
TERMINAL PLACE	25 MPH
LEIGH ST	35 MPH
BROAD ST	35 MPH

RW PLANS

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Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER



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ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
TRAFFIC MANAGEMENT PLAN & SEQUENCE OF CONSTRUCTION

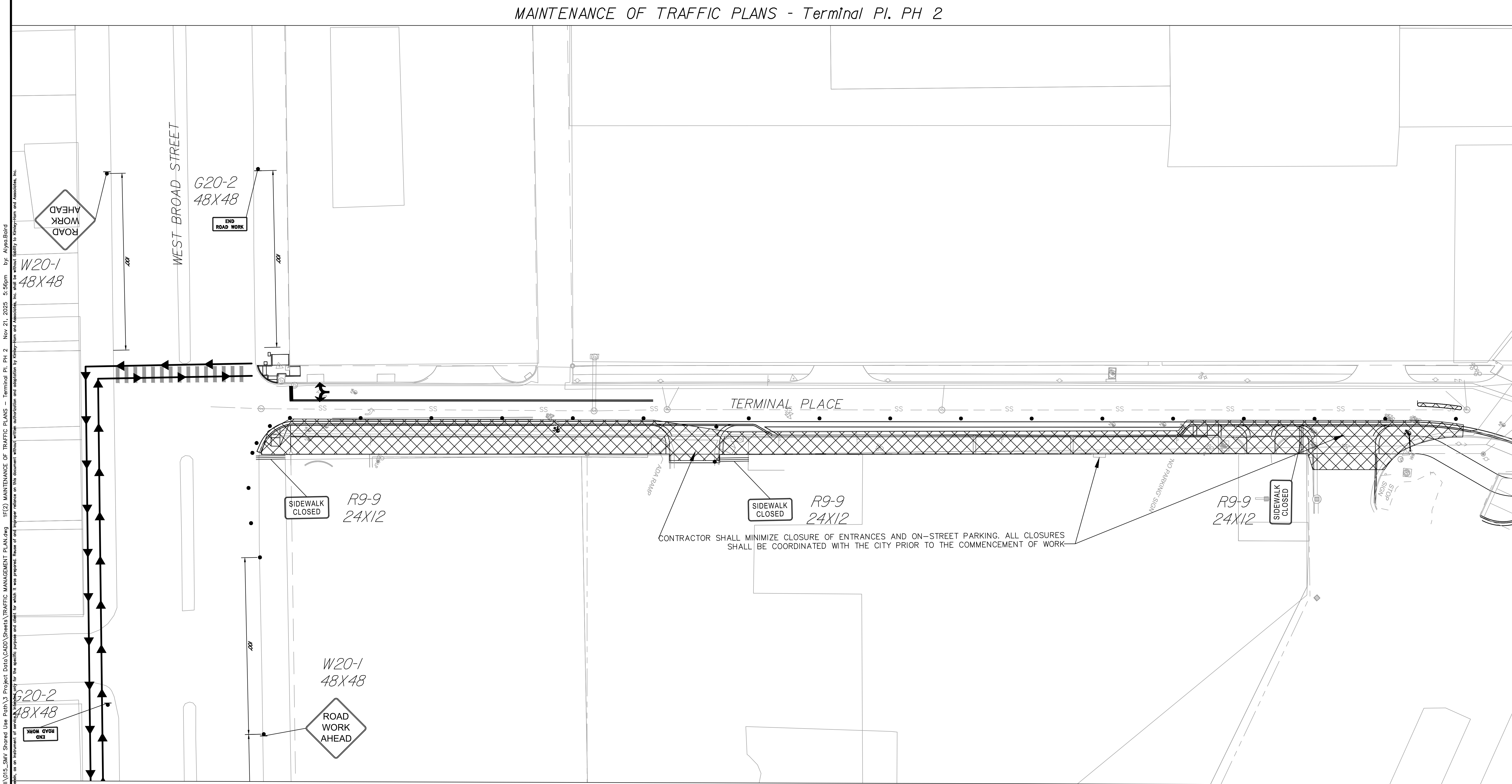
AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS 9999-127-064, P101, RW201, CS01

VDOT PROJECT NO.:
9999-127-064, P101, RW201, CS01

DESIGN BY: AMB	REVIEWED BY:	SCALE	DATE 11/21/2025	SHEET IF(1)	DRAWING NO. X-XXXXX
DRAWN BY: SOD	JBO				
CHECKED BY: AMB					

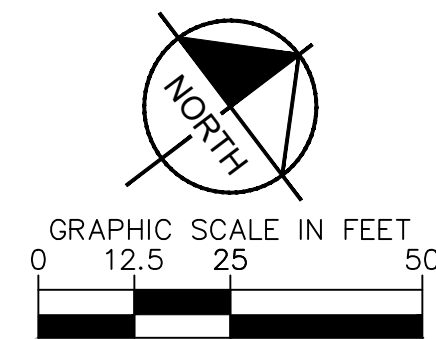
No.	REVISIONS	DATE	BY

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LEGEND

- GROUP 2 CHANNELIZING DEVICE
- ▬ LONGITUDINAL CHENNELIZING DEVICE
- TEMPORARY SIGN POST
- ▨ PROP. WORK AREA
- ▬ PROP. TRAVEL AREA
- ⊥ TYPE 3 BARRICADE
- ➡ PEDESTRIAN DETOUR



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Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

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Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
MAINTENANCE OF TRAFFIC PLANS - TERMINAL PL. PH 2

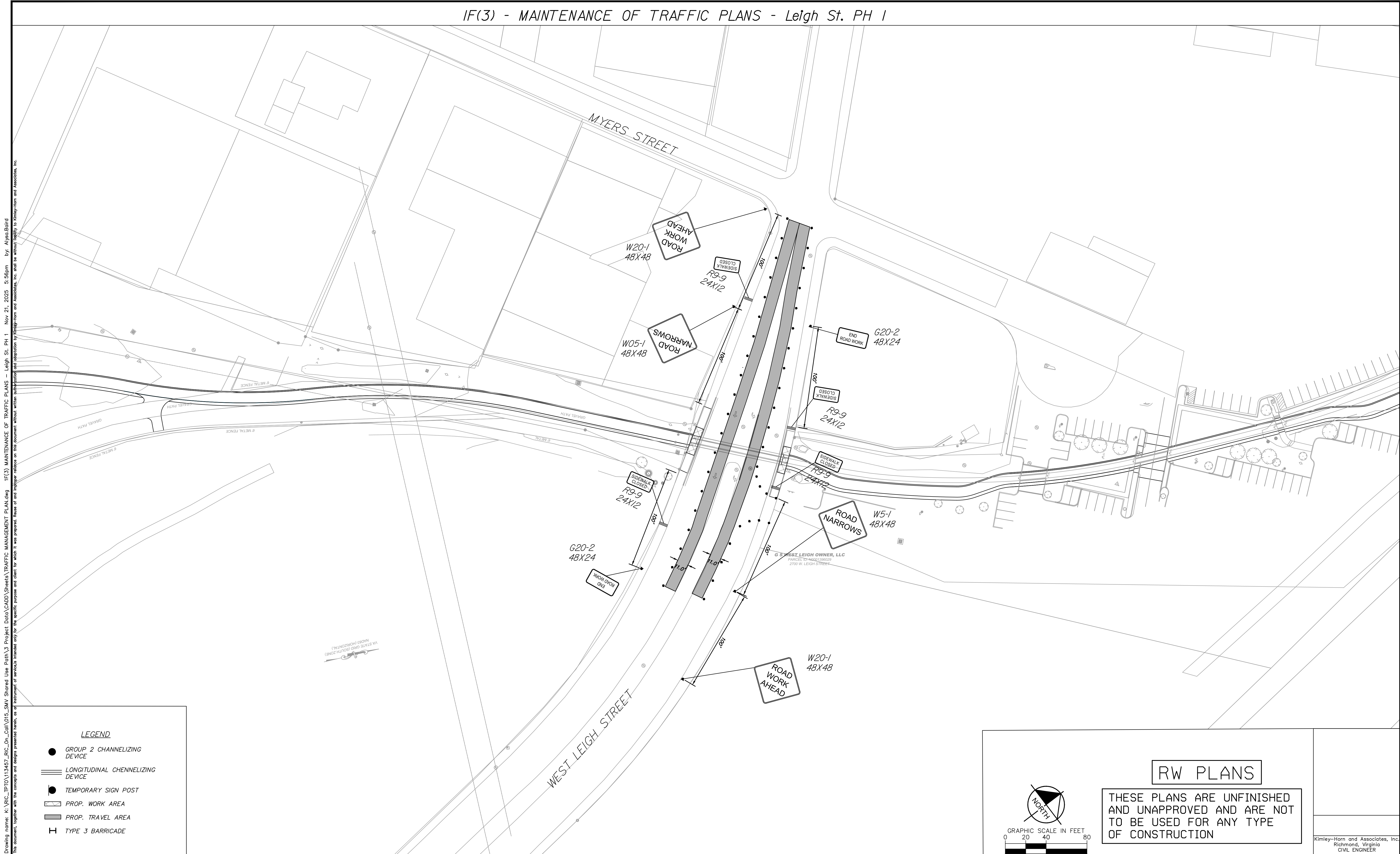
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9999-127-064, P101, RW201, CS01

DESIGN BY: AMB	REVIEWED BY: JHO	SCALE: 1"=25'	DATE: 11/21/2025	SHEET: 1F(2)	DRAWING NO.: X-XXXXX
DRAWN BY: SOD	CHECKED BY: AMB				

VDOT PROJECT NO.:

Drawing name: K:\RICHMOND\113457_RIC_01\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\TRAFFIC MANAGEMENT PLAN.dwg IF(3) MAINTENANCE OF TRAFFIC PLANS - Leigh St. PH 1 Nov 21, 2025 5:56pm by Alyse Baird
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ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

MAINTENANCE OF TRAFFIC PLANS - LEIGH ST. PH 1

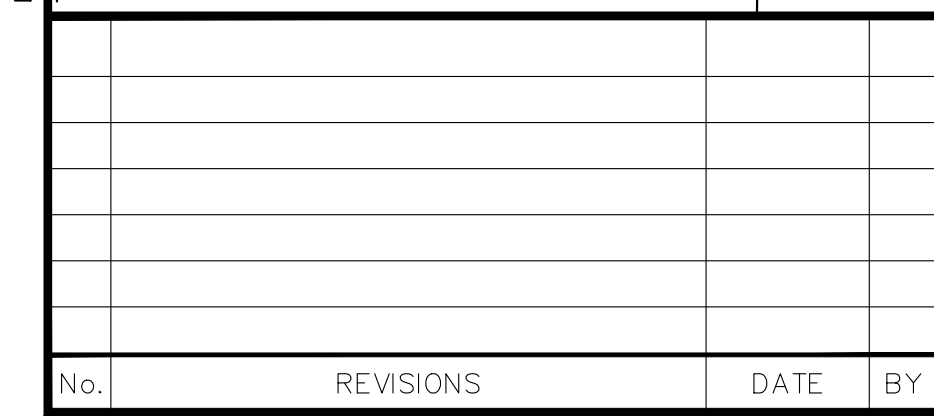
AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01

DESIGN BY: AMB	REVIEWED BY: JHO	SCALE: 1"=40'	DATE: 11/21/2025	SHEET: IF(3)	DRAWING NO.: X-XXXXX
DRAWN BY: SOD					
CHECKED BY: AMB					

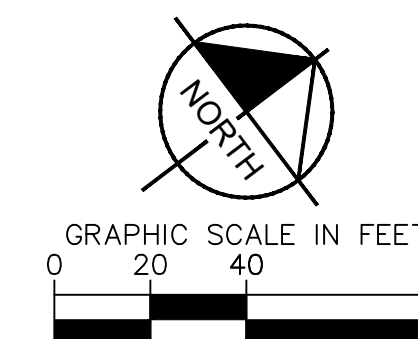
Kimley»Horn
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2035 Maywell Street, SUITE 200
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No.	REVISIONS	DATE	BY

Plotting name: K:\PWC\TPT0\113457_RIC_On_Cell\015_SW Shared Use Path\3 Project\CADD\Streets\TRAFFIC MANAGEMENT PLAN.dwg IF(4) MAINTENANCE OF TRAFFIC PLANS - Leigh St. PH 2 Nov 21, 2025 5:56pm by: Alyssa Baird

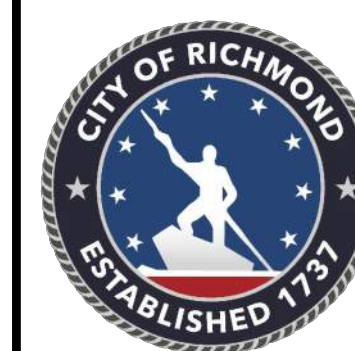


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ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
MAINTENANCE OF TRAFFIC PLANS - LEIGH ST. PH 2

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

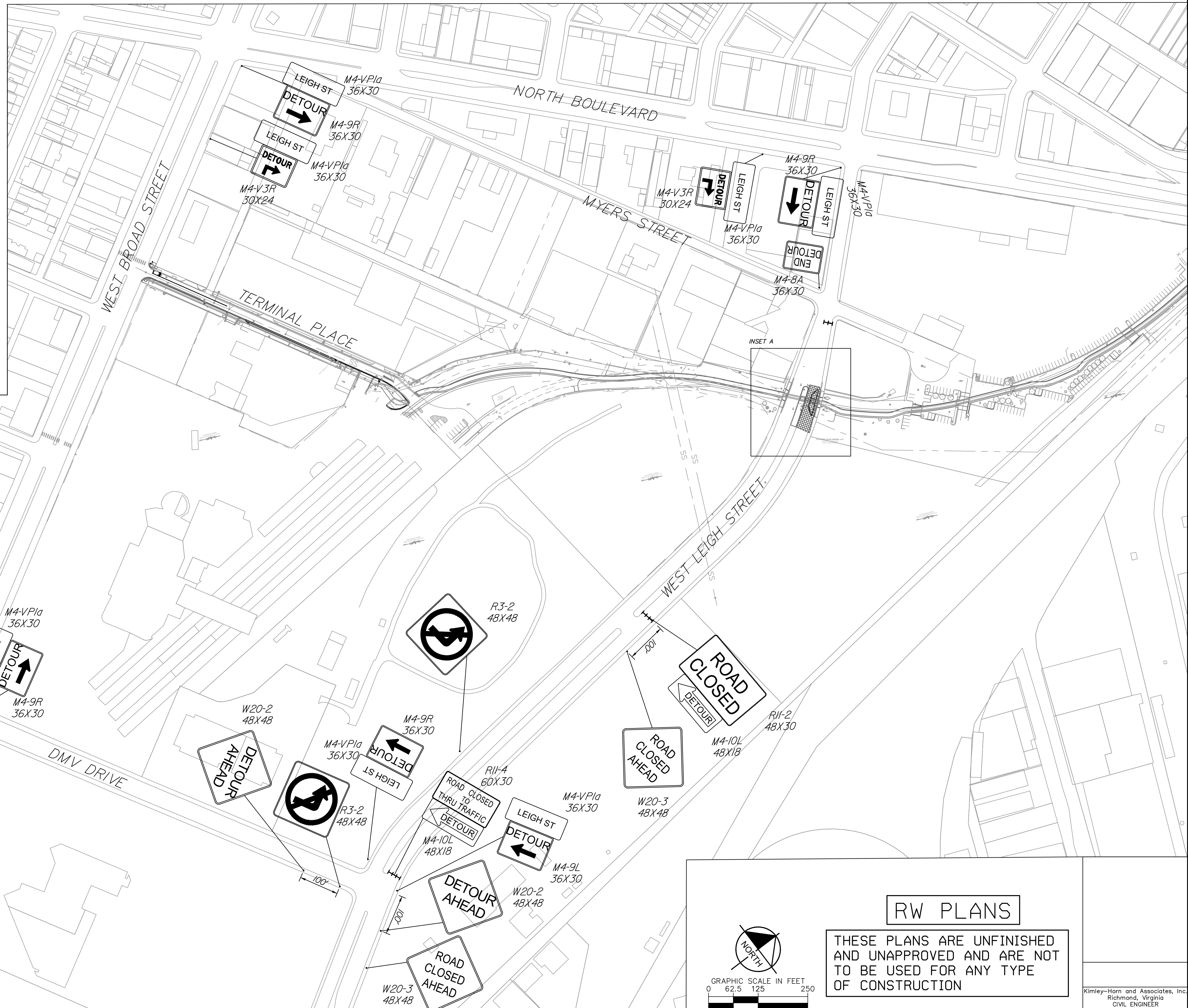
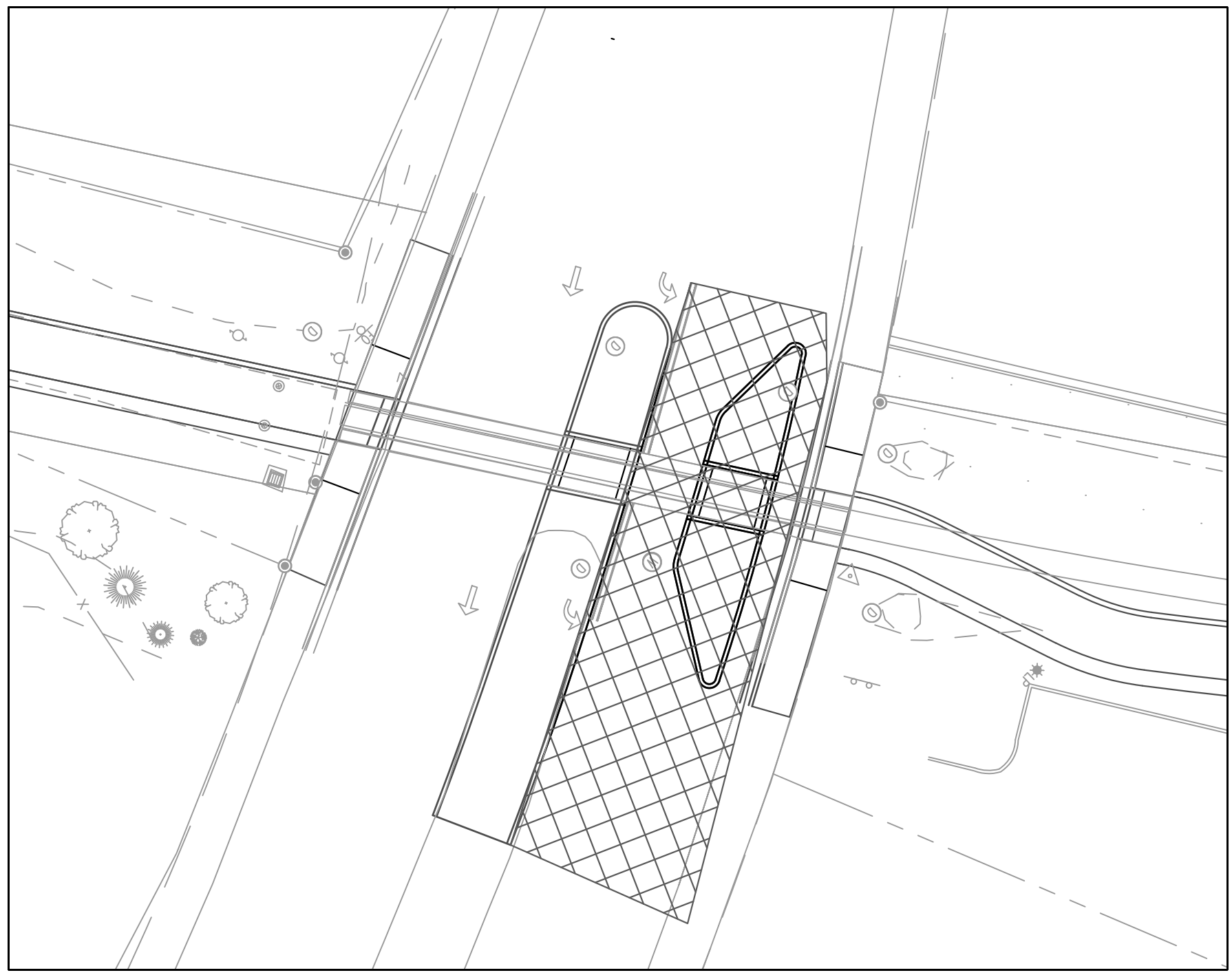
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DESIGN BY: AMB	REVIEWED BY:	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO	1"=40'	11/21/2025	1F(4)	X-XXXXXX
CHECKED BY: AMB					

Drawing name: K:\RVC\PROJECTS\113457_RIC_01\015_SDW Shared Use Path\3 Project Data\CADD Sheets\TRAFFIC MANAGEMENT PLAN.dwg 11/21/2025 5:56pm by AlysaBoird
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INSET A

MAINTENANCE OF TRAFFIC PLANS - Leigh St. PH 3



No.	REVISIONS	DATE	BY

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ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
MAINTENANCE OF TRAFFIC PLANS - LEIGH ST. PH 3

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

9999-127-064, P101, RW201, CS01

DESIGN BY: AMB
DRAWN BY: SDD
CHECKED BY: AMB

REVIEWED BY: JHO

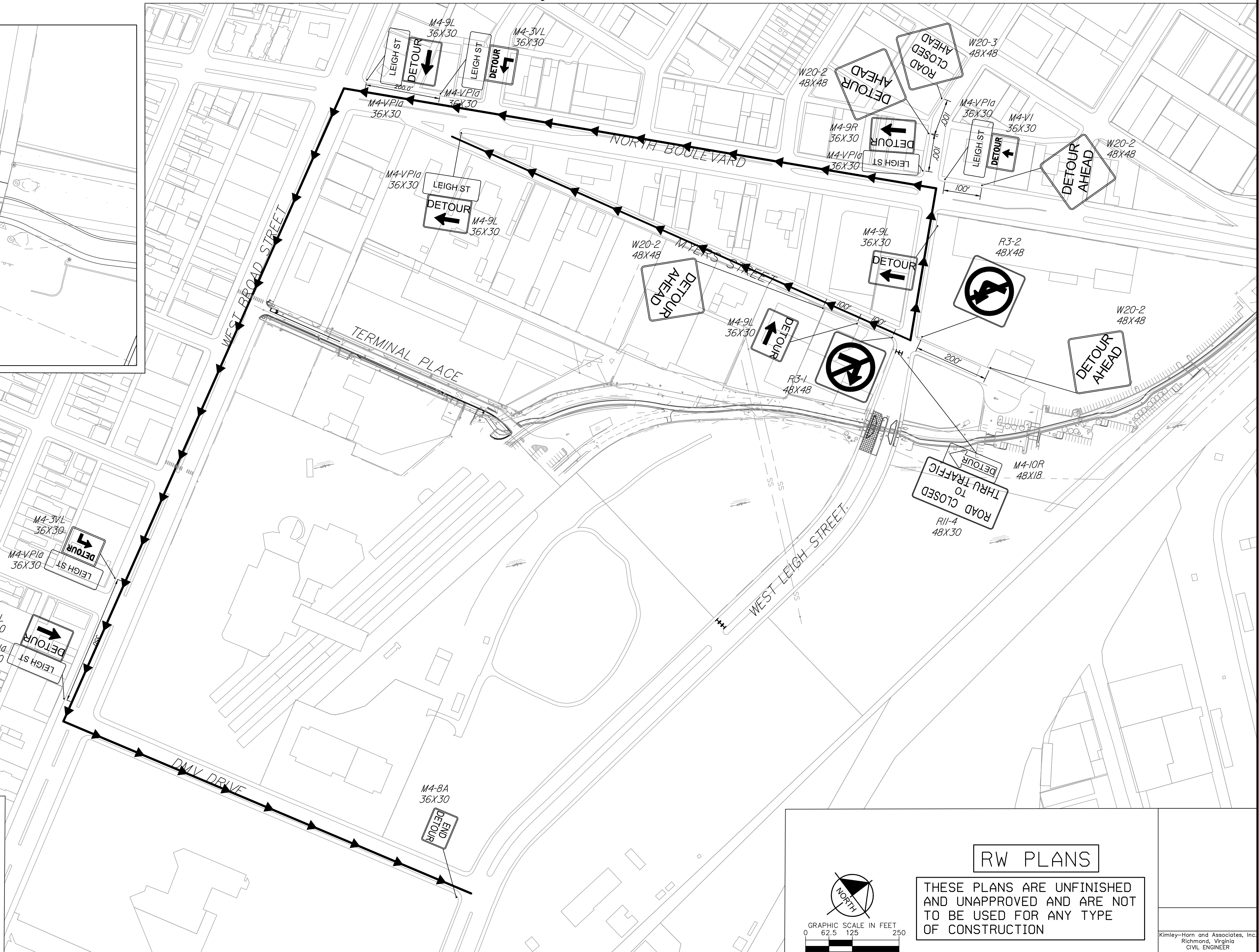
SCALE: 1"=125'

DATE: 11/21/2025

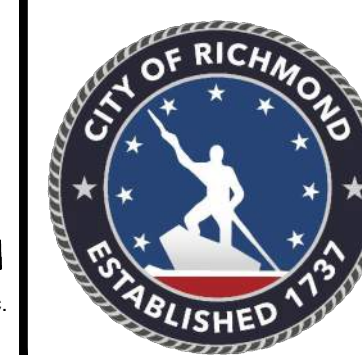
SHEET: 1F(5)

DRAWING NO.: X-XXXXX

Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER



No.	REVISIONS	DATE	BY



Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywill Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel. 804-673-3882

ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
MAINTENANCE OF TRAFFIC PLANS - LEIGH ST. PH 4

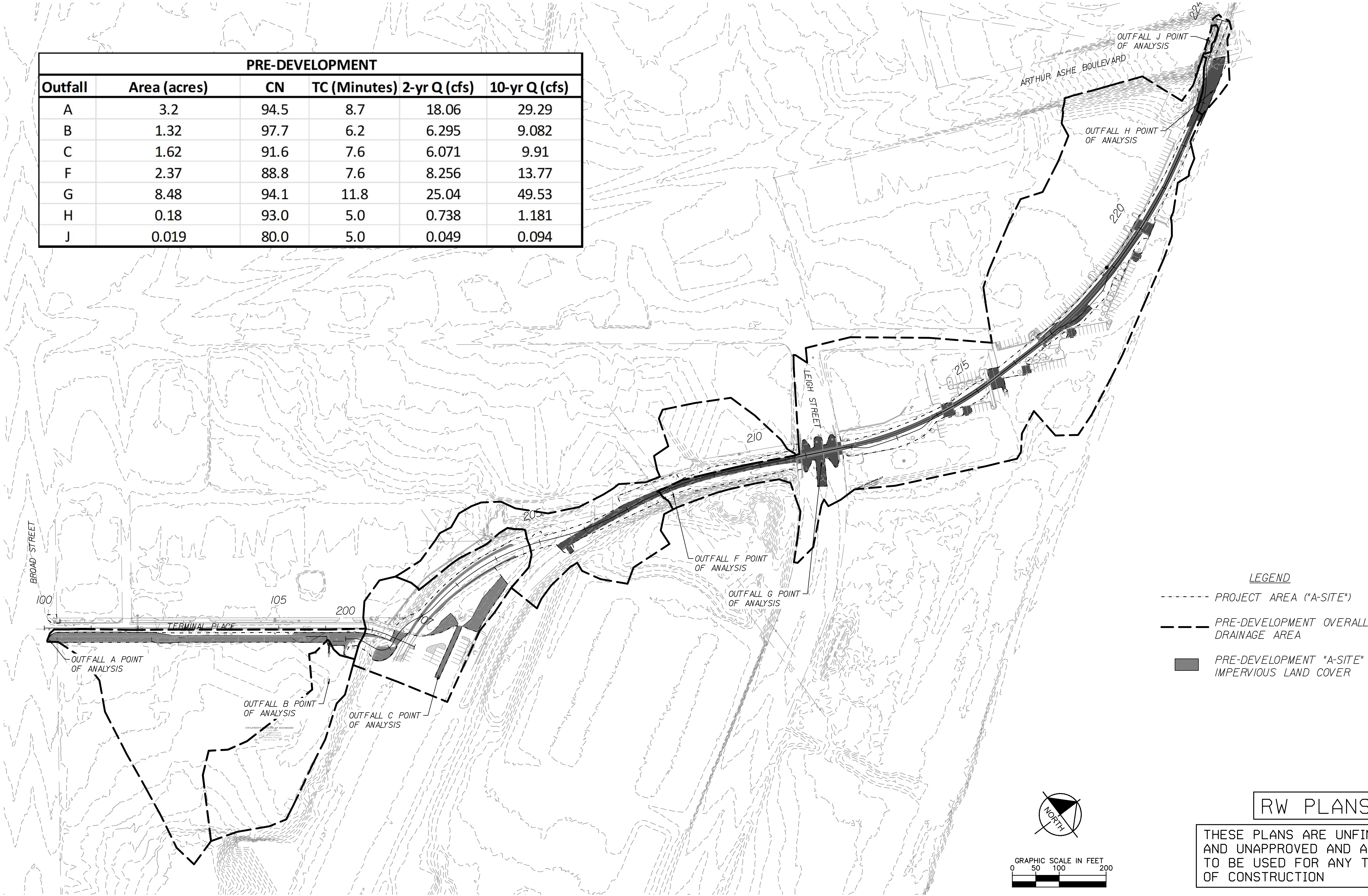
AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY:	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO	1"=125'	11/21/2025	1F(6)	X-XXXXXX
CHECKED BY: AMB					

PRE DEVELOPMENT DRAINAGE AREAS

PRE-DEVELOPMENT					
Outfall	Area (acres)	CN	TC (Minutes)	2-yr Q (cfs)	10-yr Q (cfs)
A	3.2	94.5	8.7	18.06	29.29
B	1.32	97.7	6.2	6.295	9.082
C	1.62	91.6	7.6	6.071	9.91
F	2.37	88.8	7.6	8.256	13.77
G	8.48	94.1	11.8	25.04	49.53
H	0.18	93.0	5.0	0.738	1.181
J	0.019	80.0	5.0	0.049	0.094



RW PLANS

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Drawing name: K:\RDC\PROJECTS\113457_RDC\015_S&W Shared Use Path\3 Project Data\CADD Sheets\DRAINAGE AREAS.dwg WATER QUANTITY - PRE-DEVELOPMENT Nov 21, 2025 6:35pm by: AlyssaBaird
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ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
WATER QUANTITY - PRE-DEVELOPMENT

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

9999-127-064, P101, RW201, CS01

DESIGN BY: AMB
DRAWN BY: SOD
CHECKED BY: AMB

REVIEWED BY: JHO

DATE: 11/21/2025

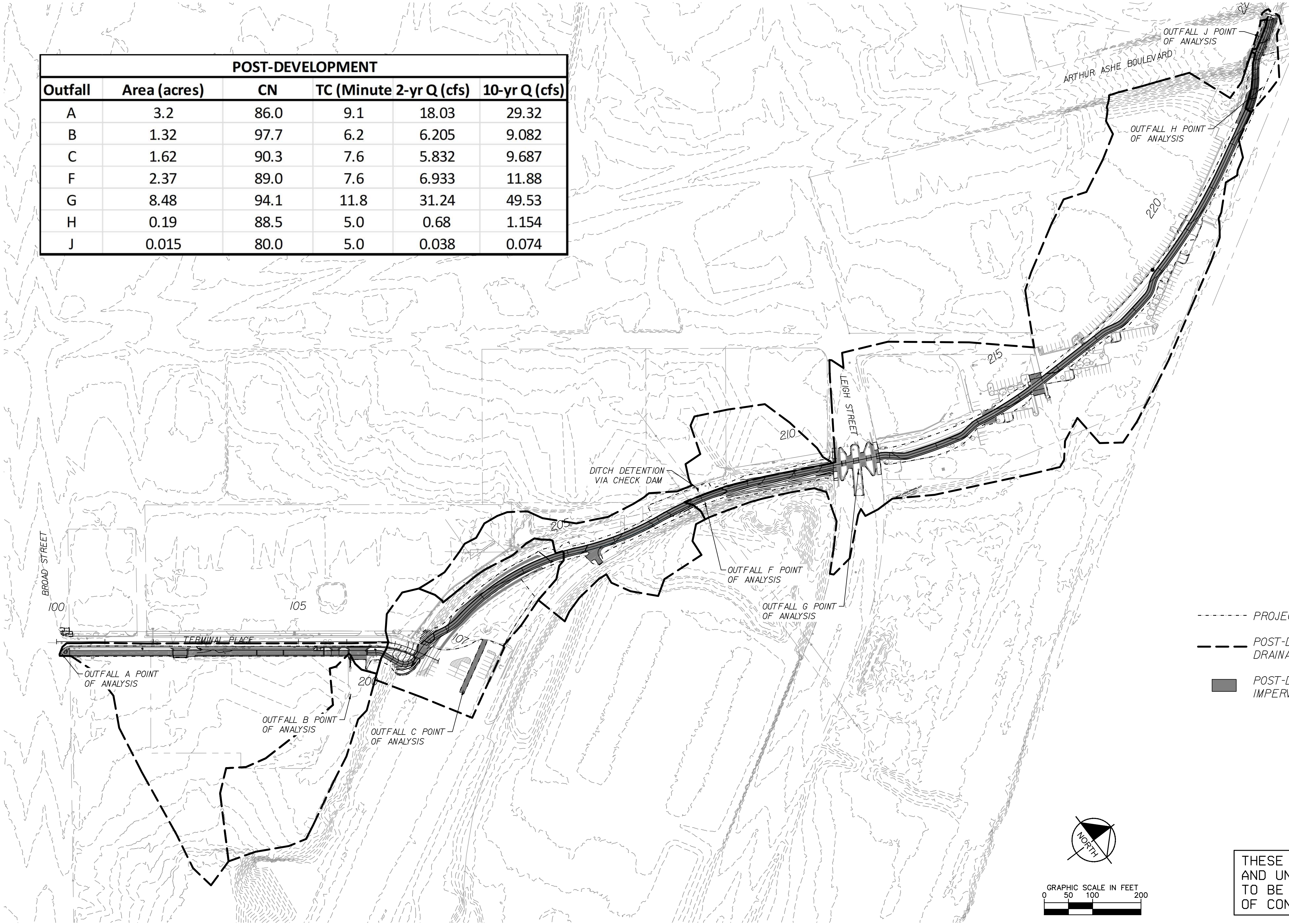
SHEET: 1G(1)

DRAWING NO.: X-XXXXX

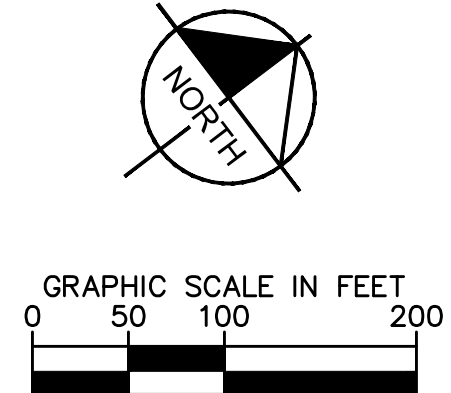
VDOT PROJECT NO.:

POST DEVELOPMENT DRAINAGE AREAS

POST-DEVELOPMENT					
Outfall	Area (acres)	CN	TC (Minute 2-yr Q (cfs)		10-yr Q (cfs)
A	3.2	86.0	9.1	18.03	29.32
B	1.32	97.7	6.2	6.205	9.082
C	1.62	90.3	7.6	5.832	9.687
F	2.37	89.0	7.6	6.933	11.88
G	8.48	94.1	11.8	31.24	49.53
H	0.19	88.5	5.0	0.68	1.154
J	0.015	80.0	5.0	0.038	0.074



- LEGEND
- PROJECT AREA ("A-SITE")
 - POST-DEVELOPMENT OVERALL DRAINAGE AREA
 - █ POST-DEVELOPMENT "A-SITE" IMPERVIOUS LAND COVER



RW PLANS

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Drawing name: K:\RDC\1710\113457_RDC_01\015_SNV Shared Use Path\3 Project Data\CADD Sheets\DRainage Areas.postcwg WATER QUANTITY - POST DEVELOPMENT Nov 21, 2025 6:51pm By: AlysaBoird
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ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
WATER QUANTITY - POST DEVELOPMENT

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				VDOT PROJECT NO.: 9999-127-064, P101, RW201, C501			
DESIGN BY: AMB	REVIEWED BY:		DATE	SHEET	DRAWING NO.		
DRAWN BY: SOD	JBO		11/21/2025	1G(2)	X-XXXXX		
CHECKED BY: AMB							

Drawing name: K:\RCD-TP10\113457_RCD-01_Call\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\DRAINAGE COMPUTATIONS.dwg - IG(3) DRAINAGE DESCRIPTIONS & STORM PROFILES Nov 21, 2025 6:16pm by: AlyssaBard
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DRAINAGE DESCRIPTIONS

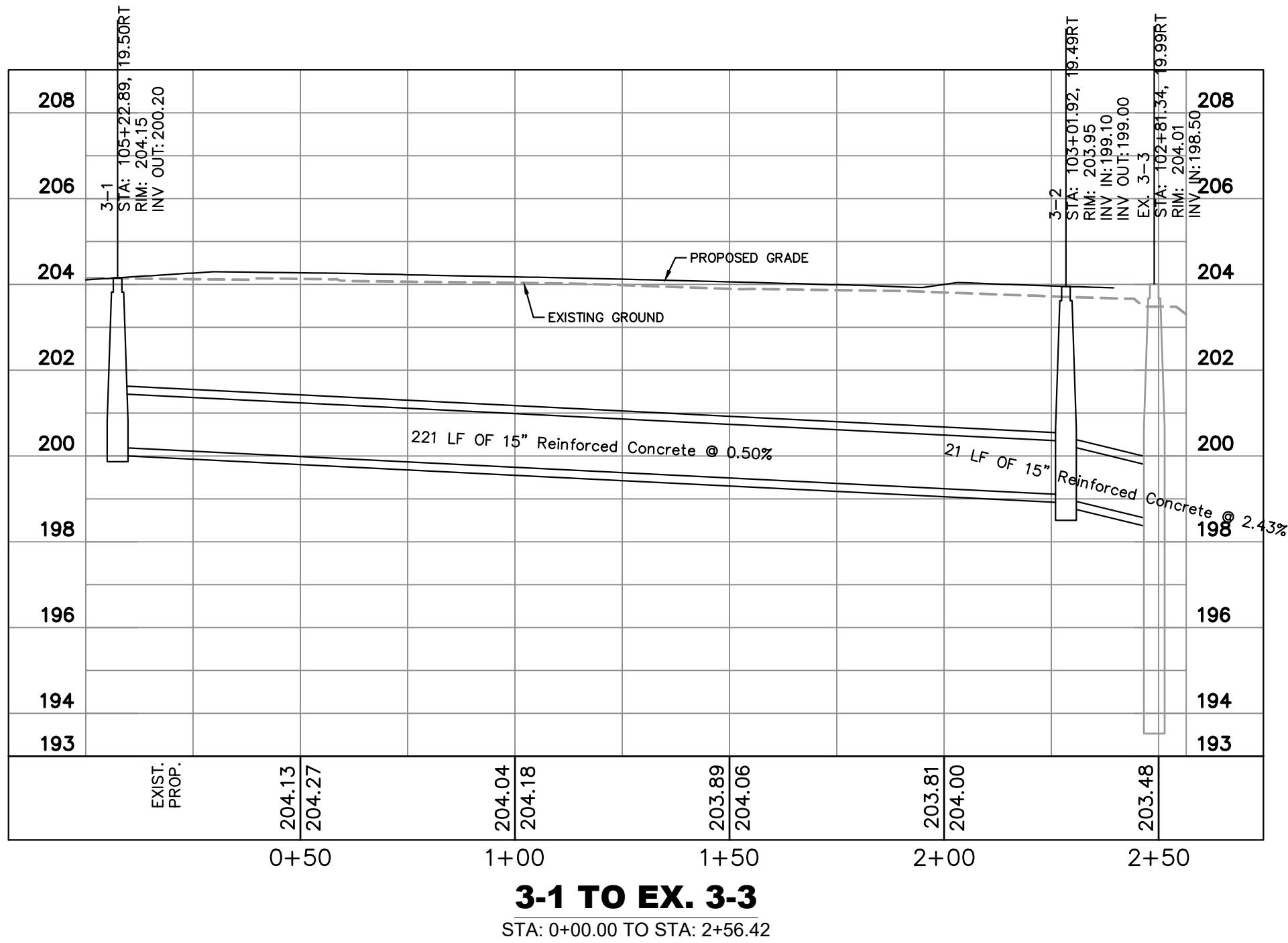
SHEET 3

3-1	1 STD. DI-3B REQ.
	L=10', H=4.0', INV = 200.20'
3-1 TO 3-2	221' -15" CONC. PIPE CLASS III REQ. (3' COVER)
	SILT TIGHT JOINT TYPE
	INV(IN) = 200.20', INV(OUT) = 199.10'
3-2	1 STD. DI-3B REQ.
	L=10', H=4.8', INV = 199.10'
3-2 TO 3-3	21' -15" CONC. PIPE CLASS III REQ. (4' COVER)
	SILT TIGHT JOINT TYPE
	INV(IN) = 199.10', INV(OUT) = 198.50'
EX 3-3	CONVERT EXISTING CURB INLET TO MH
	ADD 1 STD. MH-1 FRAME & COVER
	PROPOSED TOP ELEV = 204.01'
	MODIFY TO ACCEPT 15" RCP

SHEET 5

EX 5-1	ADJUST EXISTING MH
	ADJUST TO GRADE, RAISE 0.5'
	ADD 1 STD. MH-1 FRAME & COVER
EX 5-2	ADJUST EXISTING MH
	ADJUST TO GRADE, RAISE 0.5'
	ADD 1 STD. MH-1 FRAME & COVER
EX.5-3	ADJUST EXISTING MH
	ADJUST TO GRADE, RAISE 0.5'
	ADD 1 STD. MH-1 FRAME & COVER
EX 5-4	CONVERT EXISTING MH TO GRATE INLET
	ADD 1 STD. T-DI-1
	ADJUST TO GRADE, LOWER 1.52'
	PROPOSED TOP ELEV= 190.18'
EX 5-5	CONVERT EXISTING MH TO GRATE INLET
	ADD 1 STD. T-DI-1
	ADJUST TO GRADE, LOWER 0.7'
	PROPOSED TOP ELEV= 190.80'
EX 5-6	ADJUST EXISTING GRATE INLET
	ADJUST TO GRADE, LOWER 1.34'

STORM SEWER PROFILES



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Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

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Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
DRAINAGE DESCRIPTIONS & STORM PROFILES

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, CS01

DESIGN BY: AMB
DRAWN BY: SOD
CHECKED BY: AMB

REVIEWED BY:
JHO

DATE
11/21/2025

SHEET
IG(3)

DRAWING NO.
X-XXXXX

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Drawing name: K:\RIC_IPT\10\13457_RIC_On_Call\015_Sw Shared Use Path\3 Project Data\CADD\Sheets\DRAINAGE COMPUTATIONS.dwg 1G(4) SPREAD AND INLET COMPUTATIONS Nov 21, 2025 6:23pm

FROM POINT	TO POINT	CA		INLET TIME	RAINFALL (10-year)	RUNOFF (10-year)	INVERT ELEVATIONS		LENGTH	SLOPE	SIZE	MATERIAL	ROUGHNE SS COEFF.	PIPE CAPACITY	Q / Q _f	FULL VELOCITY	v / v _f	VELOCITY	FLOW TIME
STRUCTURE	STRUCTURE	incr	accum				upper end	lower end							(8) / (15)				
							min	in/hr							cfs				
3-1	3-2	0.23	0.23	5.00	7.05	1.61	200.20	199.10	221	0.50%	15	RCP	.013	4.56	35.4%	3.72	0.35	1.29	0.99
3-2	3-3	0.86	1.09	5.00	7.05	7.70	199.00	198.50	21	2.38%	15	RCP	.013	9.96	77.3%	8.13	1.24	10.10	0.04

INLET	0.8D + INV (OUT)	ACTUAL OUTLET WSE	DESIGN OUTLET WSE	D _o	Q _o	L _o	S _{f_o}	H _f	JUNCTION LOSS												FINAL H	INLET WSE	FL ELEV	DELTA		
									V _o	H _o	Q _i	V _i	Q _i V _i	$\frac{V_i^2}{2g}$	H _i	Angle	H _Δ	H _t	Surface Runoff	1.3 H _t					IS-1? Y=1 N=0	0.5 H _t
(1)			(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		(13)	(14)	(15)	(16)		(17)		(18)	(19)	(20)	(21)	(23)
3-1	201.20	201.09	201.20	15	1.61	221	0.0006	0.14	1.29	0.01	1.61	1.32	2.12	0.03	0.01	0	0.00	0.02	1	0.02	0	0.02	0.16	201.36	203.11	1.75
3-2	200.00	198.50	200.00	15	7.70	21	0.0142	0.30	10.10	0.40	7.70	6.28	48.34	0.61	0.21	0	0.00	0.61	1	0.79	0	0.79	1.09	201.09	202.58	1.49

Label	Type	Curb Opening Length (ft)	Local Depression (in)	Local Depression Width (in)	Slope (ft/ft)	Road Cross Slope (ft/ft)	Manning Coefficient	Discharge (ft³/s)	Spread (ft)	Depth (in.)	Discharge (ft³/s)	Spread (ft)	Depth (in.)	Max Spread
3-1	DI	12	1.5	18	0.0044	0.017	0.015	1.23	9.9	2	1.61	11.1	2.3	12
3-2	DI	12	1.5	18	0.0055	0.021	0.015	3.84	12.8	3.2	5.09	14.1	3.5	12

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CIVIL ENGINEER



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
SPREAD AND INLET COMPUTATIONS

Kimley»Horn
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Tel. 804-673-3882

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				9999-127-064, P101, RW201, C501		VDOT PROJECT NO.:	
DESIGN BY: AMB	REVIEWED BY		DATE	SHEET	DRAWING NO.		
DRAWN BY: SOD	JHO		11/21/2025	1G(4)	X-XXXXX		
CHECKED BY: AMB							

Drawing name: K:\RIC_TPTD\113457_RIC_On_Call\015_SMV Shared Use Path\3 Project Data\CADD\Sheets\DRAINAGE COMPUTATIONS.dwg 16(5) DETENTION DETAIL Nov 21, 2025 6:16pm by: Alysa Baird

Elevation (ft)	Contour Area (sq. ft)	Incremental Storage (cu. ft)	Total Storage (cu. ft)
193	37.00	0.00	0
194	885.00	368	368
195	1819.00	1324.00	1692

MATCH EXISTING GRADING

100-YR STORM ELEVATION = 194.60

10-YR STORM ELEVATION = 194.08

1-YR STORM ELEVATION = 193.66

-2.21%

-0.78%

6 LF OF 4" NON PERFORATED UNDERDRAIN

VDOT #1 COURSE AGGREGATE CHECK DAM

EXISTING GRATE INLET TO DRAIN TO CSO
RIM = 192.84

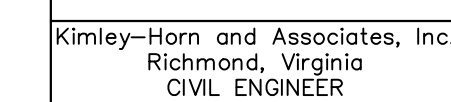
196

192

190

11+00

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VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY			DATE 11/21/2025	SHEET 16(5)	DRAWING NO. X-XXXXX
DRAWN BY: SOD	JHO					
CHECKED BY: AMB						

GENERAL NOTES

PAVEMENT

- P-2 The pavement materials weight will vary in accordance with the specific gravity of the aggregates and the asphaltic content of the mix actually used to secure the design depth. The weight of the asphalt concrete is based on 95% of the theoretical maximum density.

GRADING

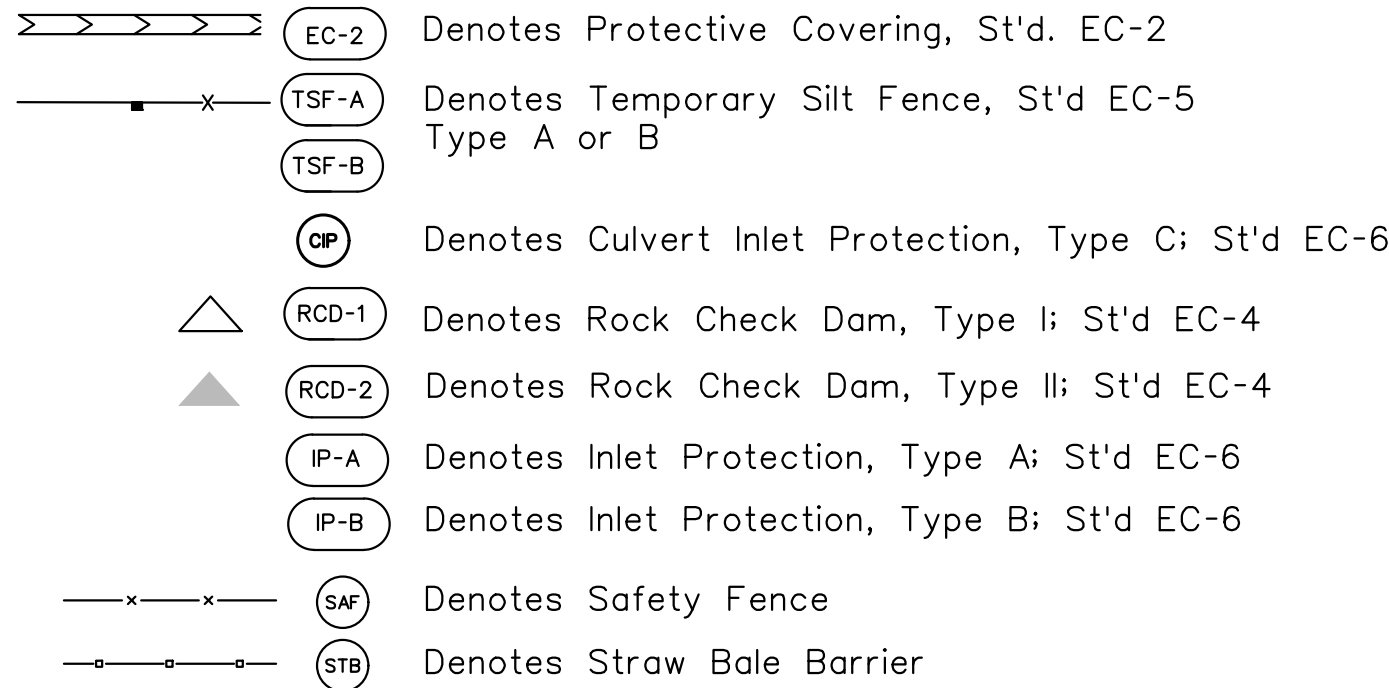
- G-1 The grade line denotes top of finished pavement unless shown otherwise on typical sections or plans.
- G-5 The excavation of unsuitable material as specified on these plans is based on previously conducted subsurface soil investigation. If, during construction, it is deemed necessary to change the depth more than one foot, or the limits of such excavation, such change is to be made in accordance with Section 3C3 of the applicable VDOT Road and Bridge Specifications.
- G-6 The borrow material for this project shall be a minimum CBR 10 or as approved by the Materials Engineer.

INCIDENTALS

- I-7 Where Standard slope roundoffs would damage trees, bushes or other desirable vegetation, they shall be omitted when so ordered by the Engineer.
- I-9 When no centerline alignment is shown for a proposed entrance, the entrance shall be constructed in the same location as the existing entrance.
- I-16 The "underground utilities" survey data on this project has been provided by consultant and copies are available from the City.
- I-17 For method of constructing Straight-Line Taper Lanes in curb and/or curb and gutter sections, see typical VDOT detail on sheet 2V(5).
- I-18 All pavement markings and traffic flow arrows shown on the roadway construction plans are schematic only. The actual location and application of pavement markings shall be in accordance with Section 704 of the applicable VDOT Road and Bridge Specifications, MUTCD, sequence of construction/traffic control plans, pavement marking plan sheets 9(3) thru 9(7) and as directed by the Engineer. The signing and marking shall be considered preliminary until approved by Engineer staff in the field.
- I-19 The following sources, under contract with the Owner, have provided information on this project:
Hydraulic Design - Kimley-Horn
Roadway Design - Kimley-Horn
Landscape Design - Kimley-Horn
Utility Design - Kimley-Horn
Utility Designation - Accumark
Utility Location - Accumark
Survey - H&B Surveying and Mapping
Traffic Design - Kimley-Horn
If questions or problems arise during construction, please contact the Project Designer. DO NOT CONTACT THE OUTSIDE SOURCES.
- I-20 The Official Electronic PDF Version of the plans will override the paper copies or prints of specific layers. Portions of this plan assembly have been CADD generated. To assist in the construction of the project, AutoCAD format (.dwg) files will be available to the prime contractor after award of the contract.
- I-21 All electronic plan assemblies will include the construction plans in two formats: PDF files and Autocad format (.dwg) files. Only the PDF files will be considered as part of the official plan assembly.
- The Autocad format (.dwg) files are furnished only as information for the contractor. These plans are developed in layers (levels) to aid in readability. (See VDOT CADD Manual for CADD Level Structure). However, the construction items may or may not be in the proper layering scheme as described on the VDOT CADD Manual. The Autocad files will only match the scanned files if all required layers are turned on. An Autocad Software license is required to be able to read these files.

EROSION AND SEDIMENT CONTROL (ESC)

- E-2 Rock for Check Dams, Inlet Protection, Erosion Control Stone and Riprap shall be in accordance with Section 203 and Section 414 of the applicable VDOT Road and Bridge Specifications.
- E-3 Permanent vegetation shall be established on all denuded areas not otherwise stabilized with non-erodible materials. See the Roadside Development Sheet for details on permanent vegetation establishment.
- E-4 The following symbols are used to depict Erosion Control items in the plan assembly:



DRAINAGE

- D-1 The horizontal location of all drainage structures shown on these plans is approximate only, with the exception of structures showing specific stations, special design bridges and storm sewer systems.
- D-2 The horizontal location and invert elevations shown for proposed culverts and storm sewer outfall pipes are based on existing survey data and required design criteria. If during construction, it is found that the horizontal location or invert elevations shown on the plans differ significantly from the horizontal location or elevations of the stream or swale in which the culvert or storm sewer outfall pipe is to be placed, the applicable Drainage Designer before installing the culvert or storm sewer outfall pipe.
- D-3 The "H" dimensions shown on plans for drop inlets and junction boxes and the "L.F. " dimensions shown for manholes are for estimating purposes and are based on the proposed invert elevations shown for the structure and the anticipated top (rim) elevation based on existing or proposed finished grade. The actual "H" or "L.F. " dimensions are to be determined by the contractor from field conditions.
- D-7 All pipe on this project shall be Cl. III RCP. For strength, sheet thickness, or class designation; available sizes; height of cover limitations; and other restrictions for a particular pipe type or height cover, see the applicable sections of the VDOT Road and Bridge Standards PC-1.
- D-10 The proposed riprap may be omitted by the Engineer if the slope designated for placement of riprap is found to be comprised of solid rock or closely consolidated boulders with soundness, size and weight equal to, or exceeding, the specifications for the proposed riprap.
- D-12 All existing drainage facilities labeled "To Be Abandoned" shall be left in place, backfilled and plugged in accordance with the VDOT Road and Bridge Standard PP-1. Basis of Payment will be C.Y. of flowable Backfill.
- D-13 Existing drainage facilities being utilized as a part of the drainage system, and designated on the plans "To Be Cleaned Out" shall be cleaned as directed by the Engineer. The cost incidental to this shall be included in the contract price for other items.
- D-14 Proposed drop inlets with a height (H) less than the standard minimum shown in the VDOT Road and Bridge Standards shall be considered and paid for as Standard Drop Inlets for the type specified.
- D-16 When CG-6 or CG-7 is specified on a radius (such as at a street intersection), the Engineer may approve a decrease in the cross slope of the gutter to facilitate proper drainage.

RW PLANS

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Drawing name: K:\RVC-TP\10\113457_RIC-On-Call\015_SNV Shared Use Path\3 Project Data\CADD Sheets\GENERAL NOTES SHEET.dwg 2 GENERAL NOTES SHEET Nov 21, 2025 8:16pm by: Alysa Baird
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Tel: 804-673-3882



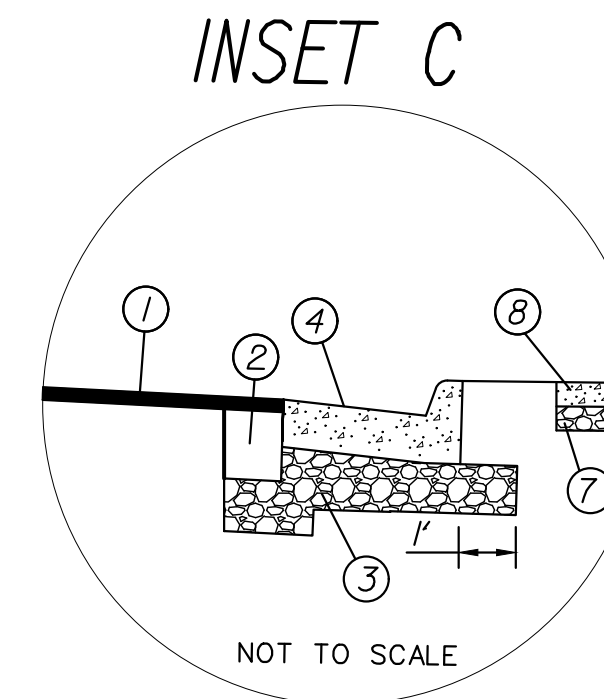
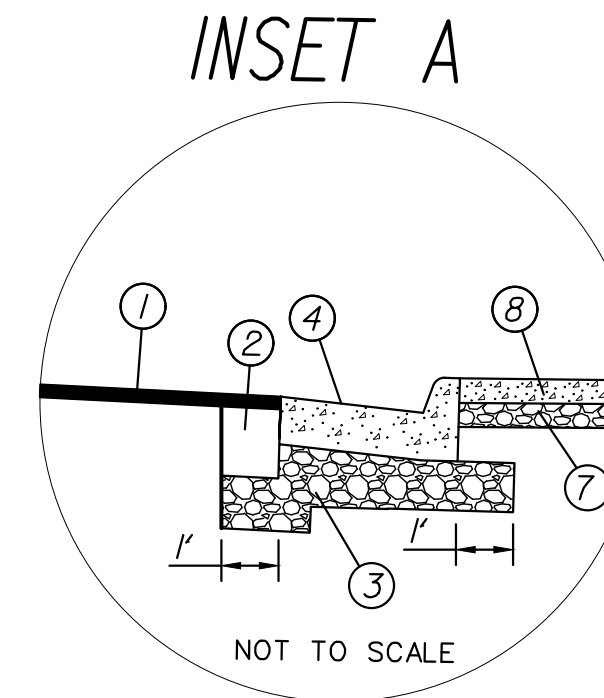
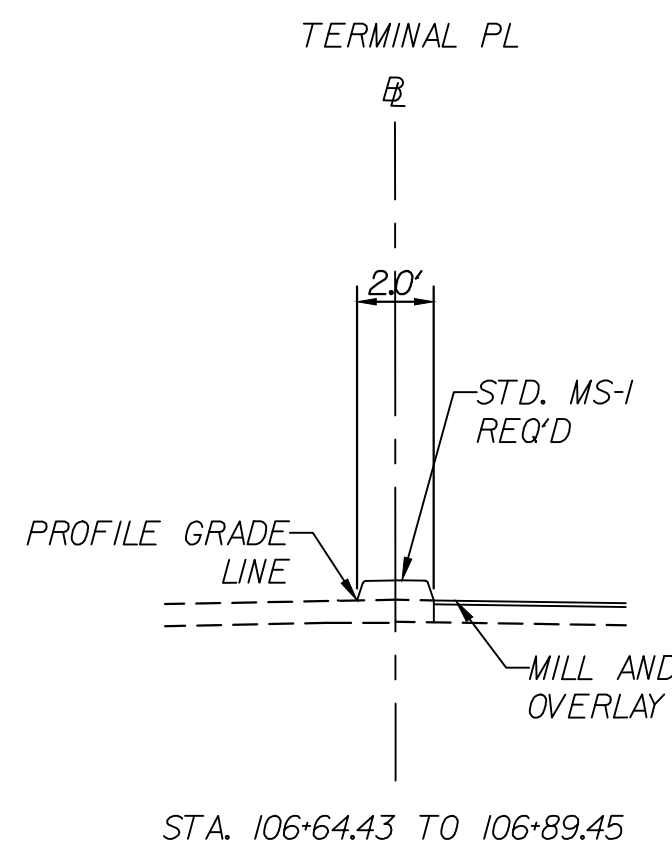
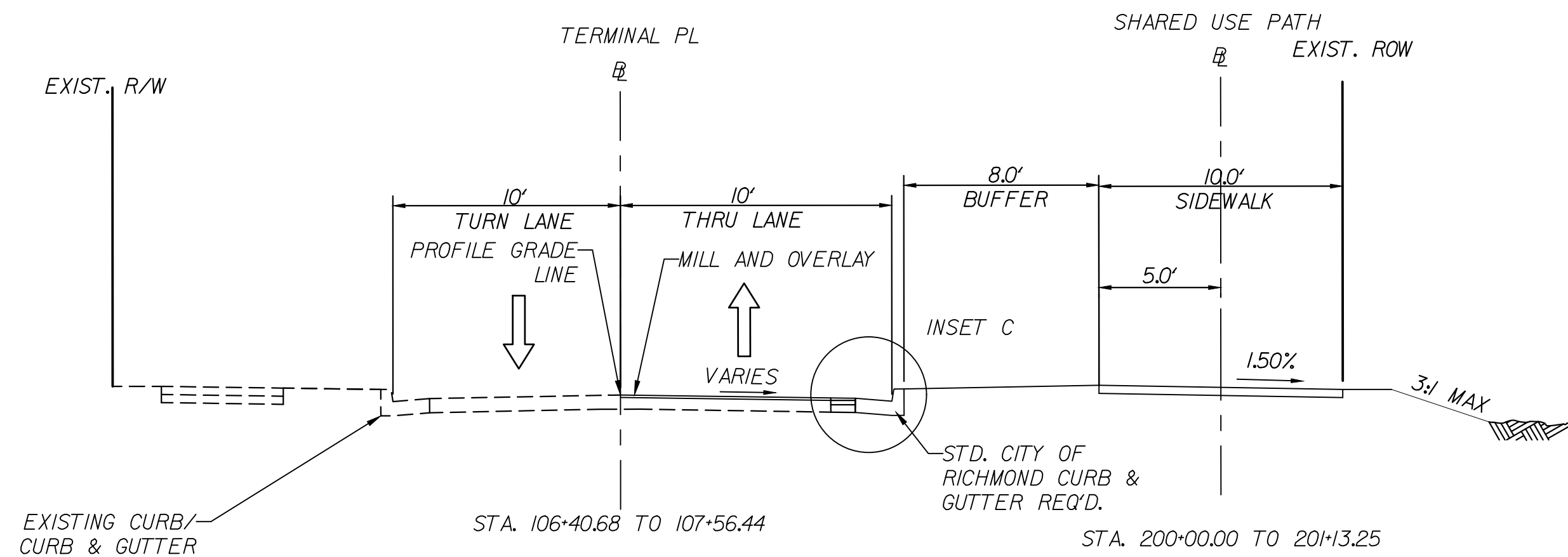
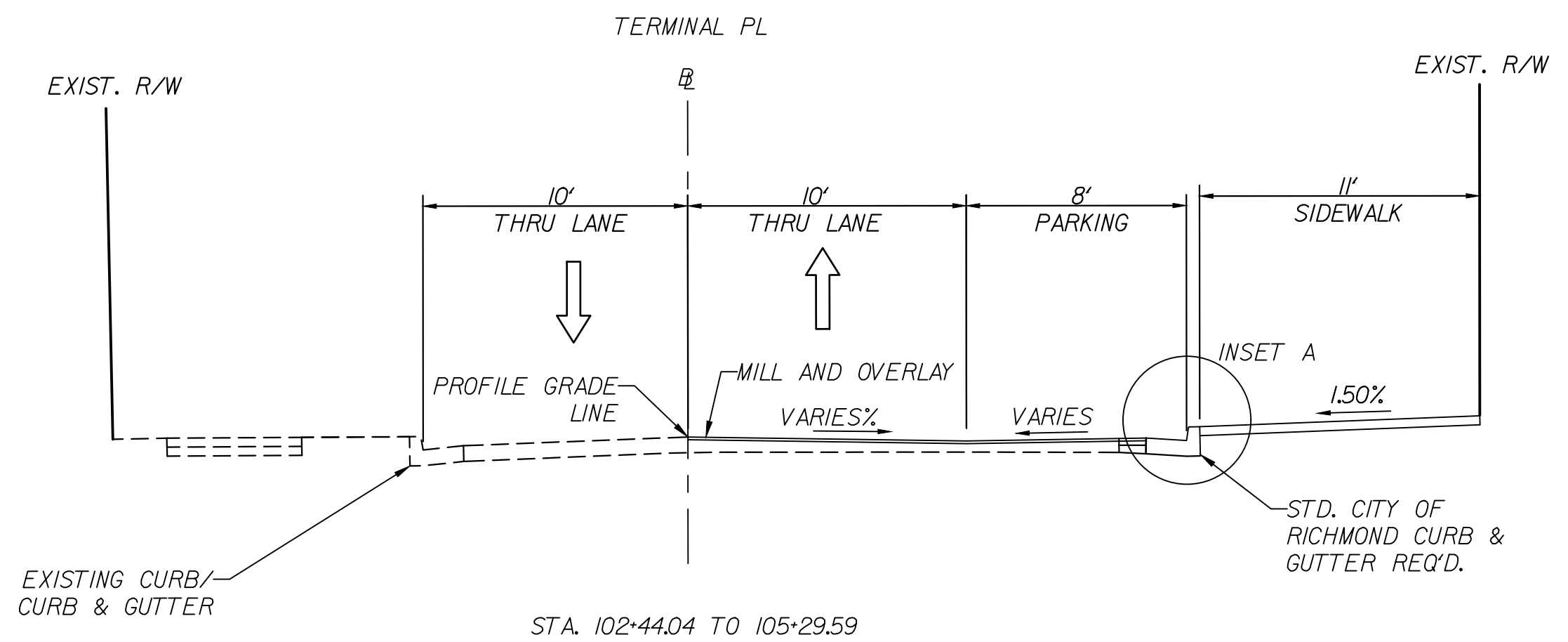
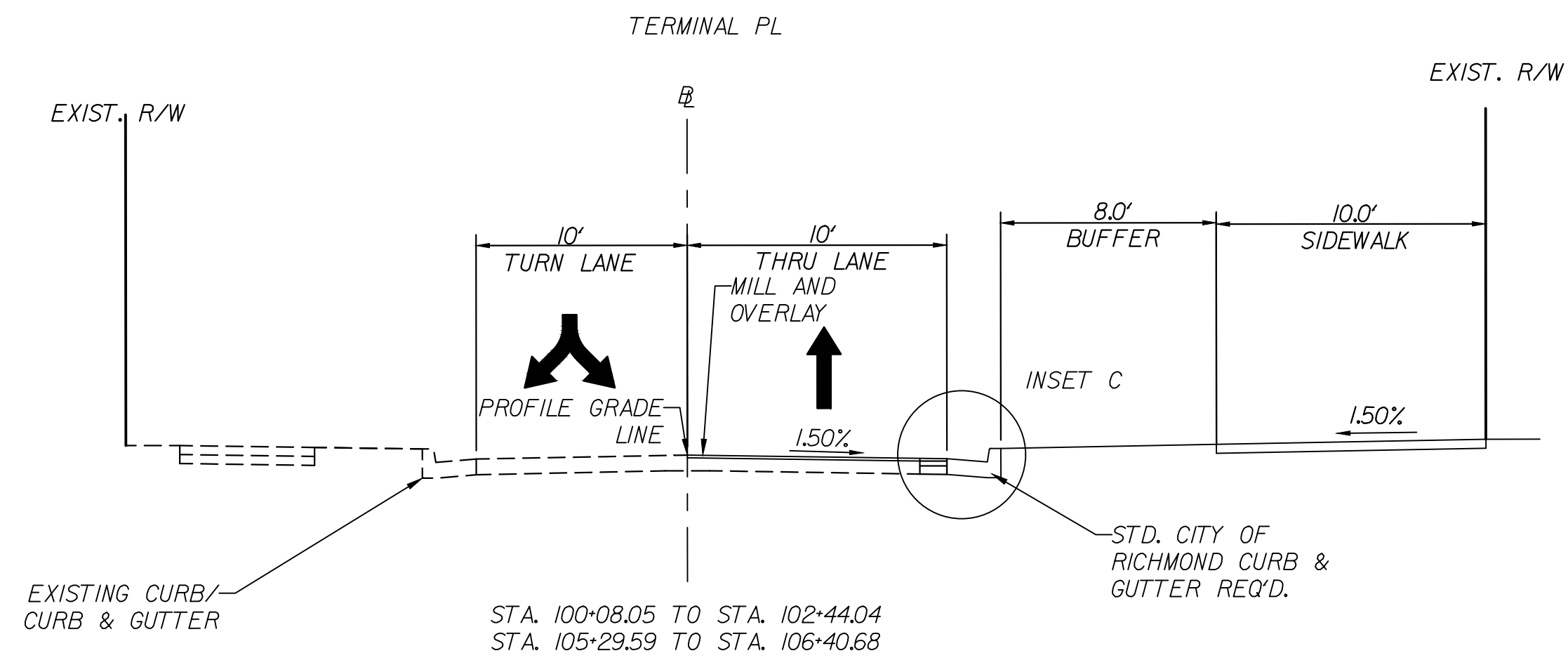
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
GENERAL NOTES SHEET

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, CS01

DESIGN BY: AMB	REVIEWED BY:	DATE: 11/21/2025	SHEET: 2	DRAWING NO: X-XXXXX
DRAWN BY: SOD	JBO			
CHECKED BY: AMB				

TYPICAL SECTIONS



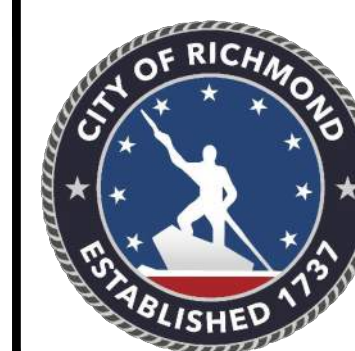
- 2.0" ASPHALT CONCRETE SURFACE
TYPE SM-9.5A @165 LB/SY
- 6.0" ASPHALT CONCRETE BASE COURSE,
TYPE BM-25.0A
- 8.0" AGGREGATE BASE MAT'L TYJ VDOT NO. 21A
- STD. CITY CURB & GUTTER REQ'D
- EXISTING PAVEMENT SECTION
- STD. CITY OF RICHMOND CURB REQ'D.
- 4" AGGREGATE BASE MAT'L TYJ VDOT NO. 21B
- 4" HYD. CEMENT CONCR. SIDEWALK REQ'D.
- 6" AGGREGATE BASE MAT'L TYJ VDOT NO. 21A

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Tel: 804-675-5882



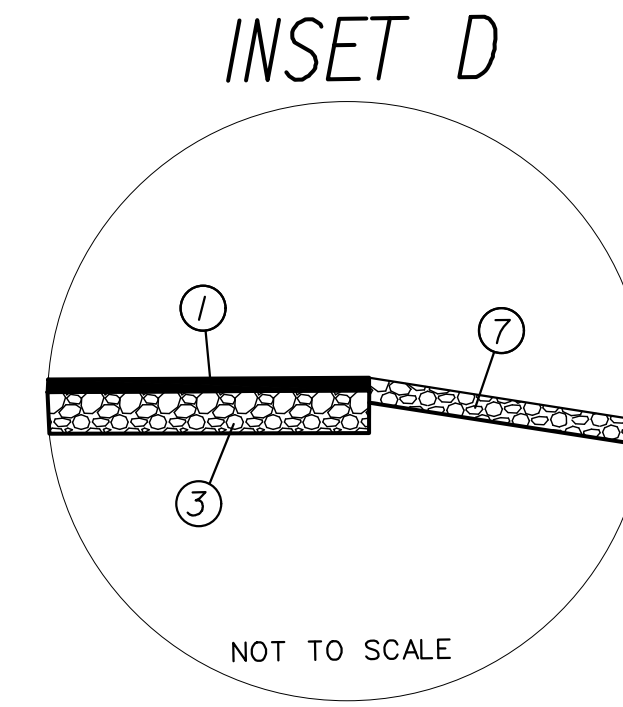
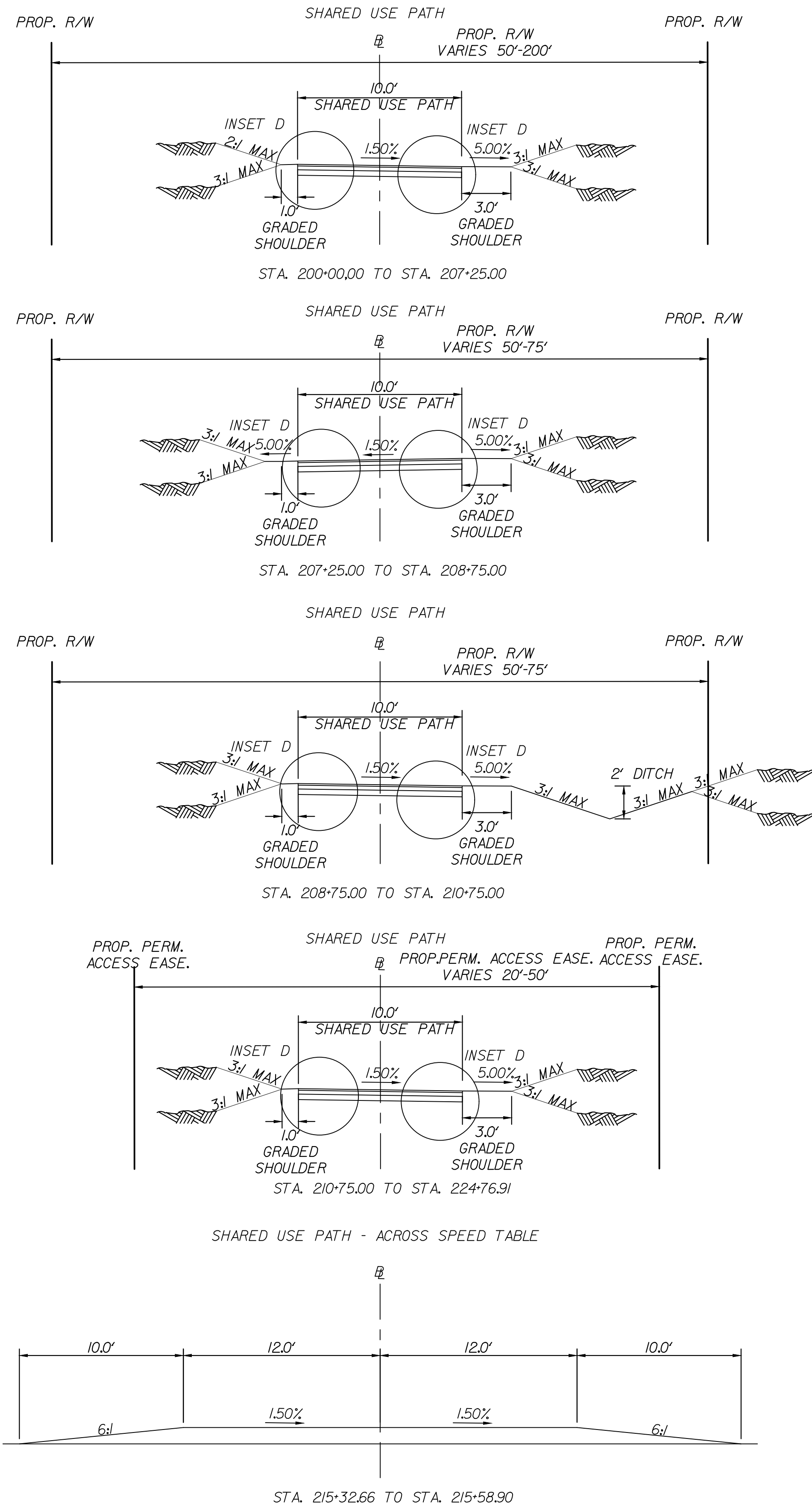
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
TYPICAL SECTIONS

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, CS01

DESIGN BY:	AMB	REVIEWED BY:	JHO	DATE:	11/21/2025	SHEET:	2A(1)	DRAWING NO.:	X-XXXXX
DRAWN BY:	SOD								
CHECKED BY:	AMB								

TYPICAL SECTIONS



- ① 2.0" ASPHALT CONCRETE SURFACE
TYPE SM-9.5A @165 LB/SY
- ② 6.0" ASPHALT CONCRETE BASE COURSE,
TYPE BM-25.0A
- ③ 8.0" AGGREGATE BASE MAT'L TYJ VDOT NO. 21A
- ④ STD. CITY CURB & GUTTER REQ'D
- ⑤ EXISTING PAVEMENT SECTION
- ⑥ STD. CITY OF RICHMOND CURB REQ'D.
- ⑦ 4" AGGREGATE BASE MAT'L TYJ VDOT NO. 21B
- ⑧ 4" HYD. CEMENT CONCR. SIDEWALK REQ'D.
- ⑨ 6" AGGREGATE BASE MAT'L TYJ VDOT NO. 21A

RW PLANS

THESE PLANS ARE UNFINISHED
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OF CONSTRUCTION

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Richmond, Virginia
CIVIL ENGINEER

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywill Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel. 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
TYPICAL SECTIONS

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY:	AMB
DRAWN BY:	SOD
CHECKED BY:	AMB

REVIEWED BY	
JHO	

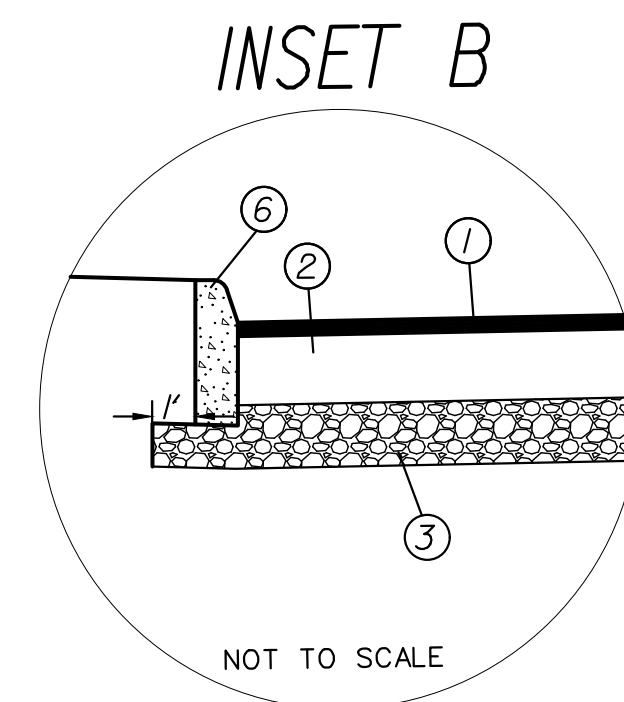
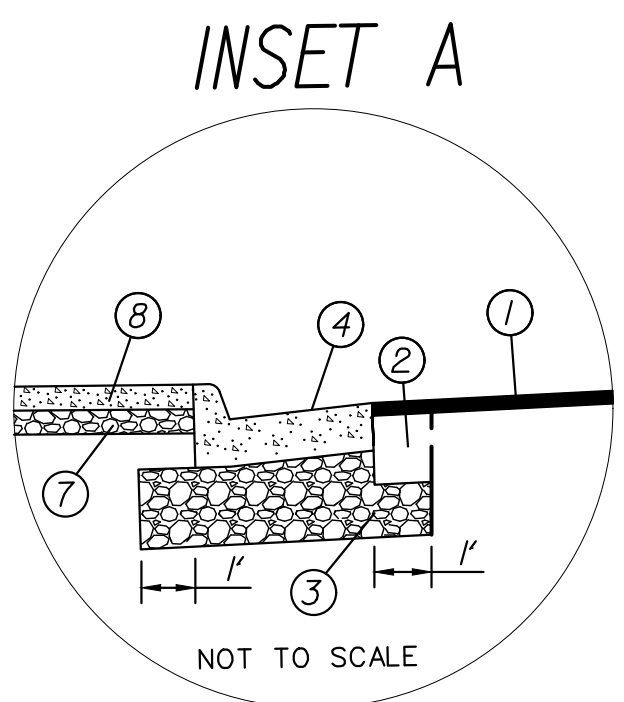
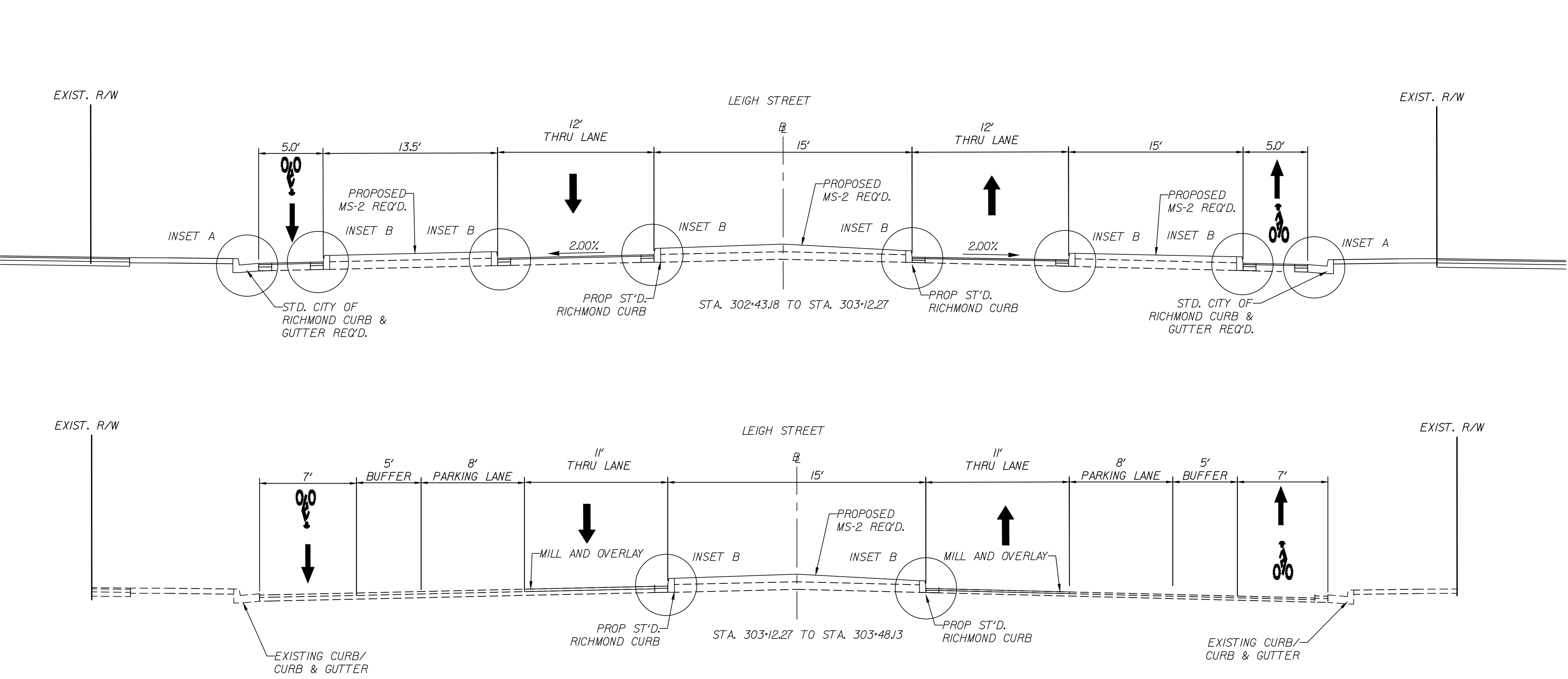
DATE	1/21/2025
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SHEET 2A(2)

DRAWING NO.
K-XXXXXX

Drawing name: K:\RC_TPTD\113457_RIC_On_Cell\015_SW Stored User Path\3 Project Data\CADD\Sheets\TYPICAL SECTIONS.dwg 2A(2) TYPICAL SECTIONS Nov 21, 2025 6:16pm by Alysa Baird

TYPICAL SECTIONS



- 1 2.0" ASPHALT CONCRETE SURFACE
TYPE SM-9.5A @165 LB/SY
- 2 6.0" ASPHALT CONCRETE BASE COURSE,
TYPE BM-25.0A
- 3 8.0" AGGREGATE BASE MAT'L TYJ VDOT NO. 21A
- 4 STD. CITY CURB & GUTTER REQ'D
- 5 EXISTING PAVEMENT SECTION
- 6 STD. CITY OF RICHMOND CURB REQ'D.
- 7 4" AGGREGATE BASE MAT'L TYJ VDOT NO. 21B
- 8 4" HYD. CEMENT CONCR. SIDEWALK REQ'D.
- 9 6" AGGREGATE BASE MAT'L TYJ VDOT NO. 21A

RW PLANS

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Richmond, Virginia
CIVIL ENGINEER

Drawing name: K:\R\10\113457_RIC_01\015_S\W Shared Use Path\3 Project Data\CADD\Sheets\TYPICAL SECTIONS.dwg Nov 21, 2025 6:16pm by: Alyssa Baird
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No.	REVISIONS	DATE	BY

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Kimley-Horn and Associates, Inc.
2035 Maywell Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-675-5882

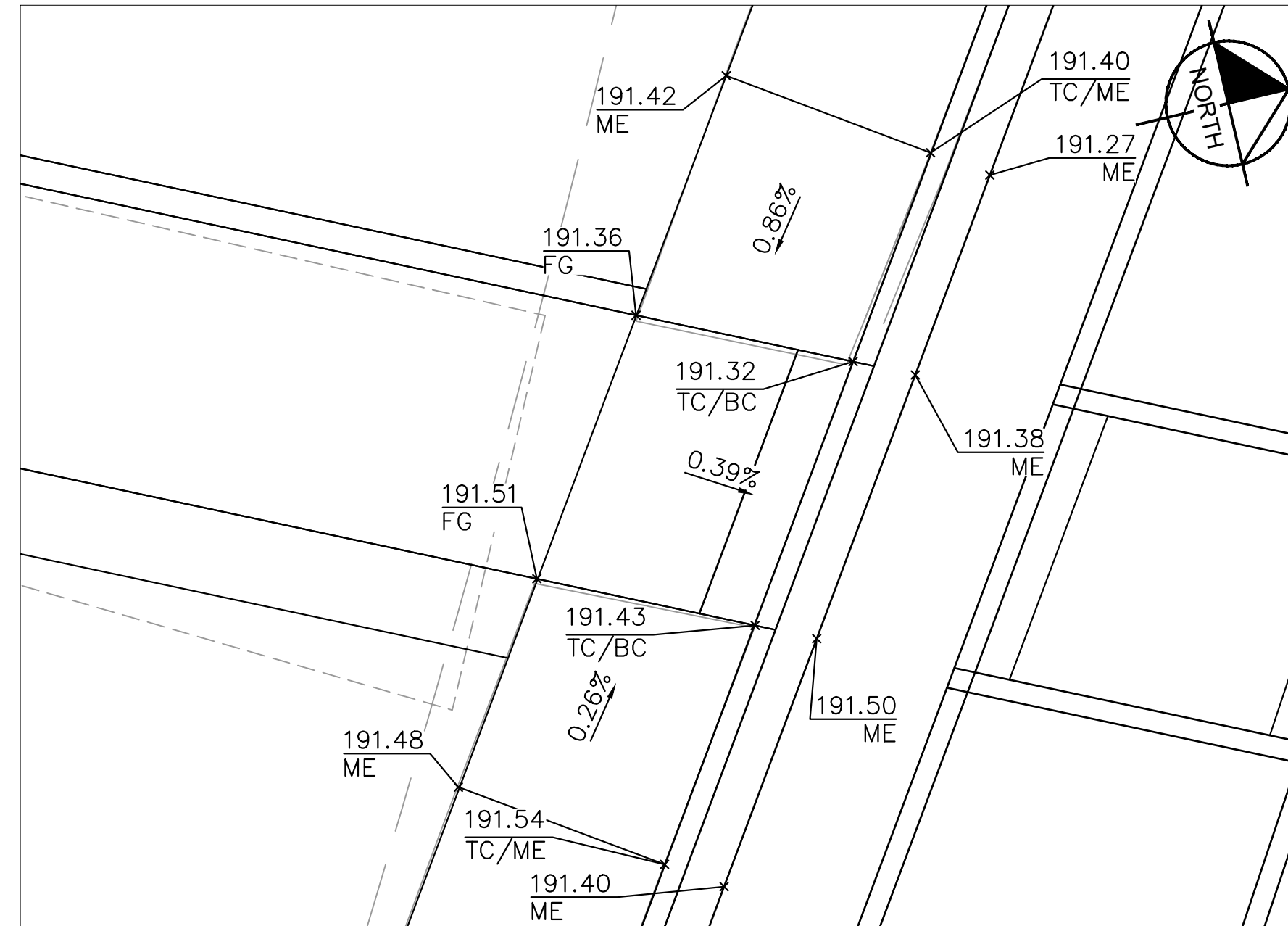


ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
TYPICAL SECTIONS

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				9999-127-064, P101, RW201, CS01			
DESIGN BY:	AMB	REVIEWED BY:	JHO	DATE:	11/21/2025	SHEET:	2A(3)
DRAWN BY:	SOD	CHECKED BY:	AMB			DRAWING NO.:	X-XXXXX

VDOT PROJECT NO.:

Drawing name: K:\RIC_TPT07013457_RIC_On_Call\015_SAV Shared Use Path\3 Project Data\CADD Sheets\CURB RAMP GRADING DETAILS.dwg 20(1) GRADING DETAILS Nov 21, 2025 6:16pm by: Alysa-Bard
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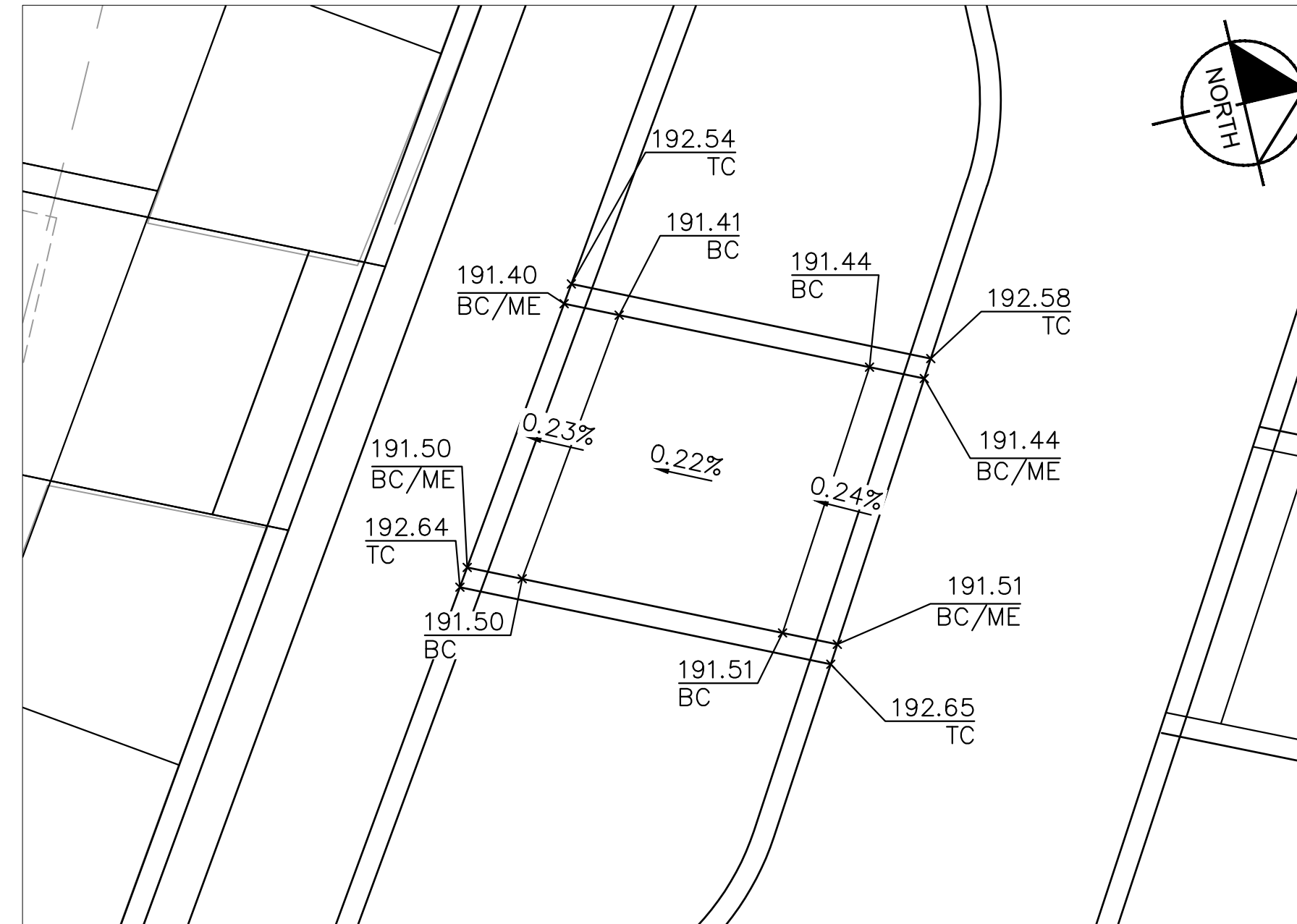
CURB RAMP

1"=5'-0"

GRAPHIC SCALE IN FEET



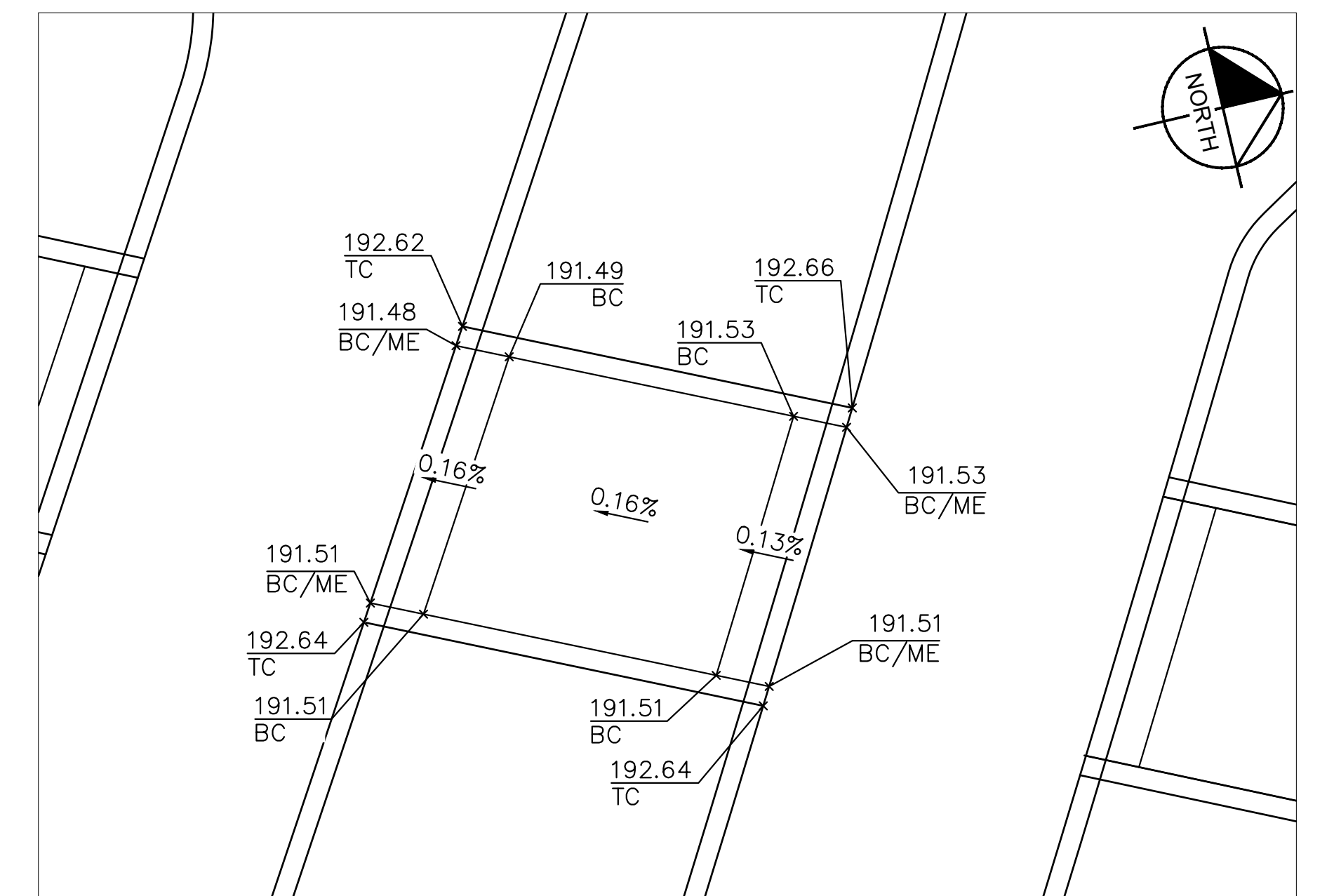
A horizontal line with a circle containing the letter 'A' at the left end. Below the line is a graphic scale bar with alternating black and white segments, labeled with 0, 2.5, 5, and 10.



B **CG-12 TYPE M2**
1"=5'-0"

GRAPHIC SCALE IN FEET

0 2.5 5 10

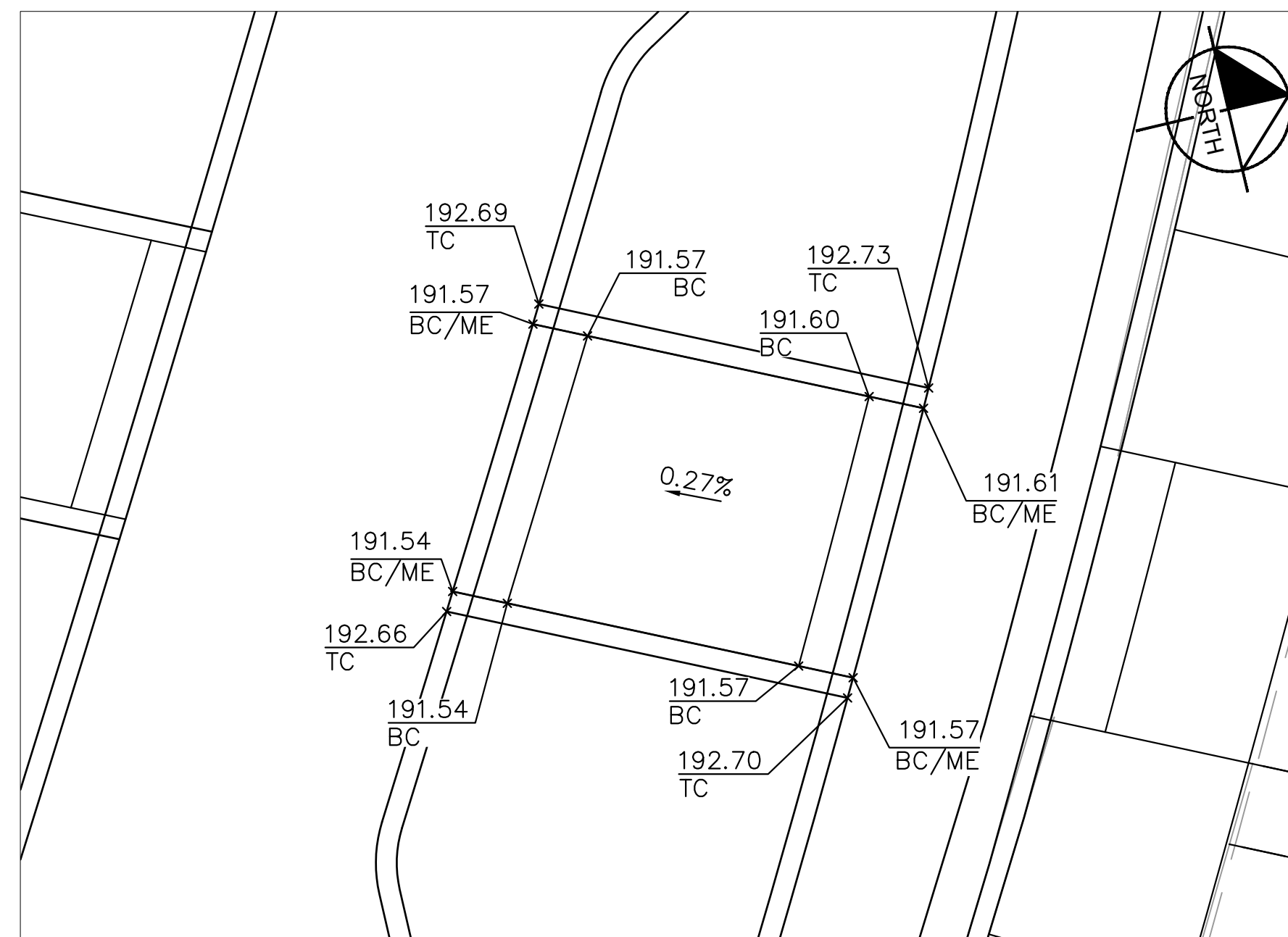


CG-12 TYPE M2

1"=5'-0"

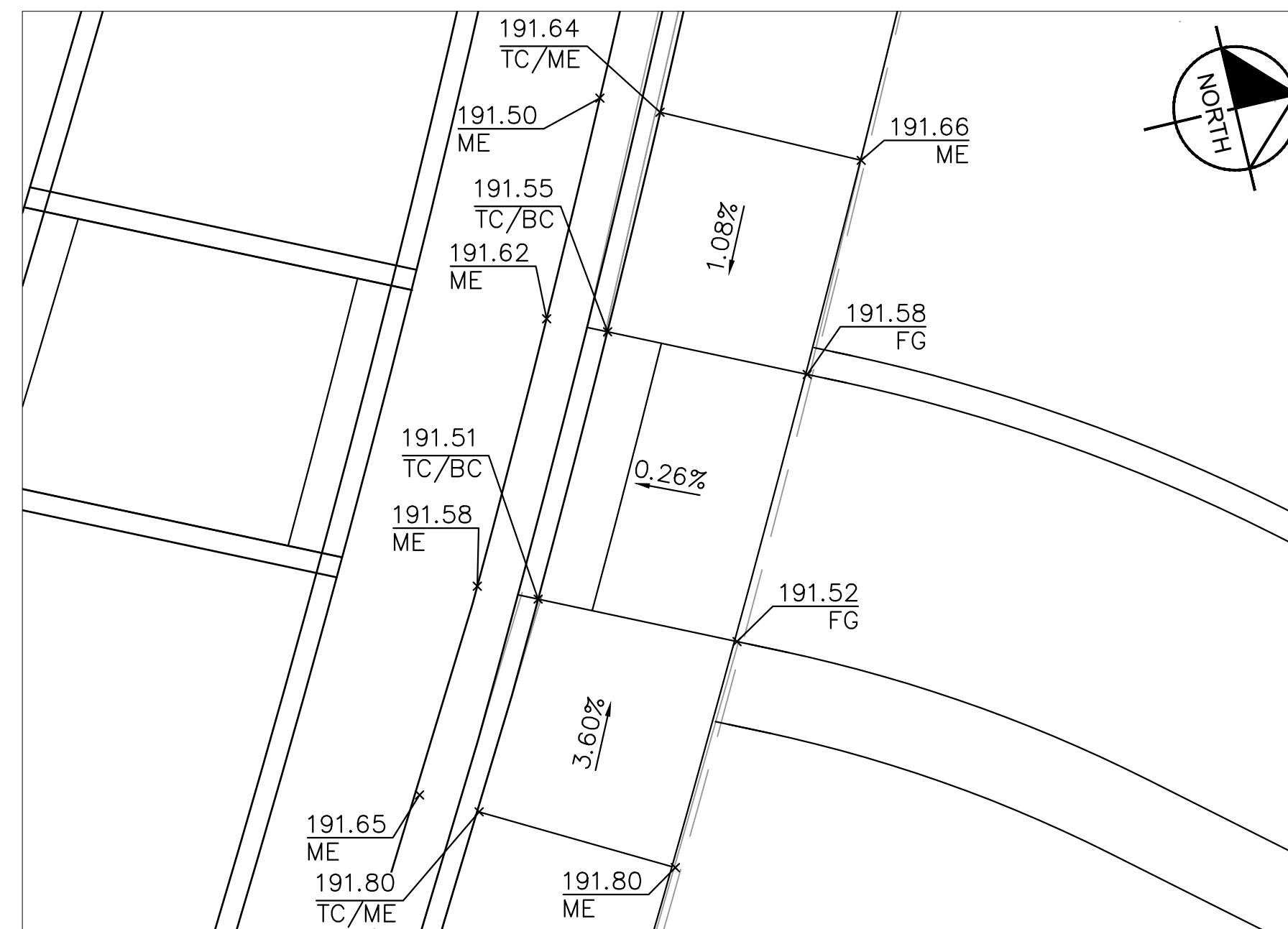
GRAPHIC SCALE IN FEET

0 2.5 5 10



D **CG-12 TYPE M2**
1"=5'-0"

GRAPHIC SCALE IN FEET

A horizontal scale bar with alternating black and white segments. The segments are labeled 0, 2.5, 5, and 10, representing feet. The bar is divided into four equal segments, each representing 2.5 feet.

E CURB RAMP
1"=5'-0"

GRAPHIC SCALE IN FEET

A horizontal scale bar with alternating black and white segments. It is marked with the numbers 0, 2.5, 5, and 10. The total length represents 10 feet.

KEY

BC - BOTTOM OF CURB

TC - TOP OF CURB

ME - MATCH EXISTING

FG - FINISHED GRADE

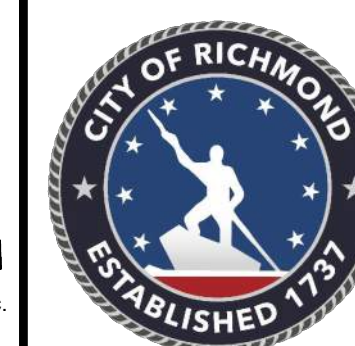
RW PLANS

THESE PLANS ARE UNFINISHED
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OF CONSTRUCTION

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 Richmond, Virginia
 CIVIL ENGINEER

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywill Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel. 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
GRADING DETAILS

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY:
DRAWN BY:
CHECKED BY:

AMB
SOD
AMB

REVIEWED BY	JHO
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7	
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100

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SCALE

	11/2
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DATE
21/2025

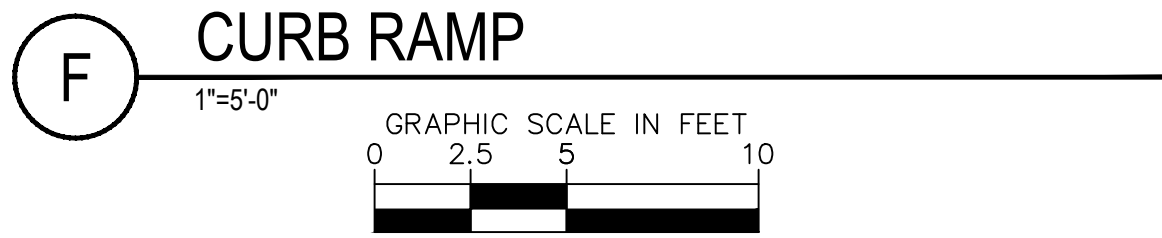
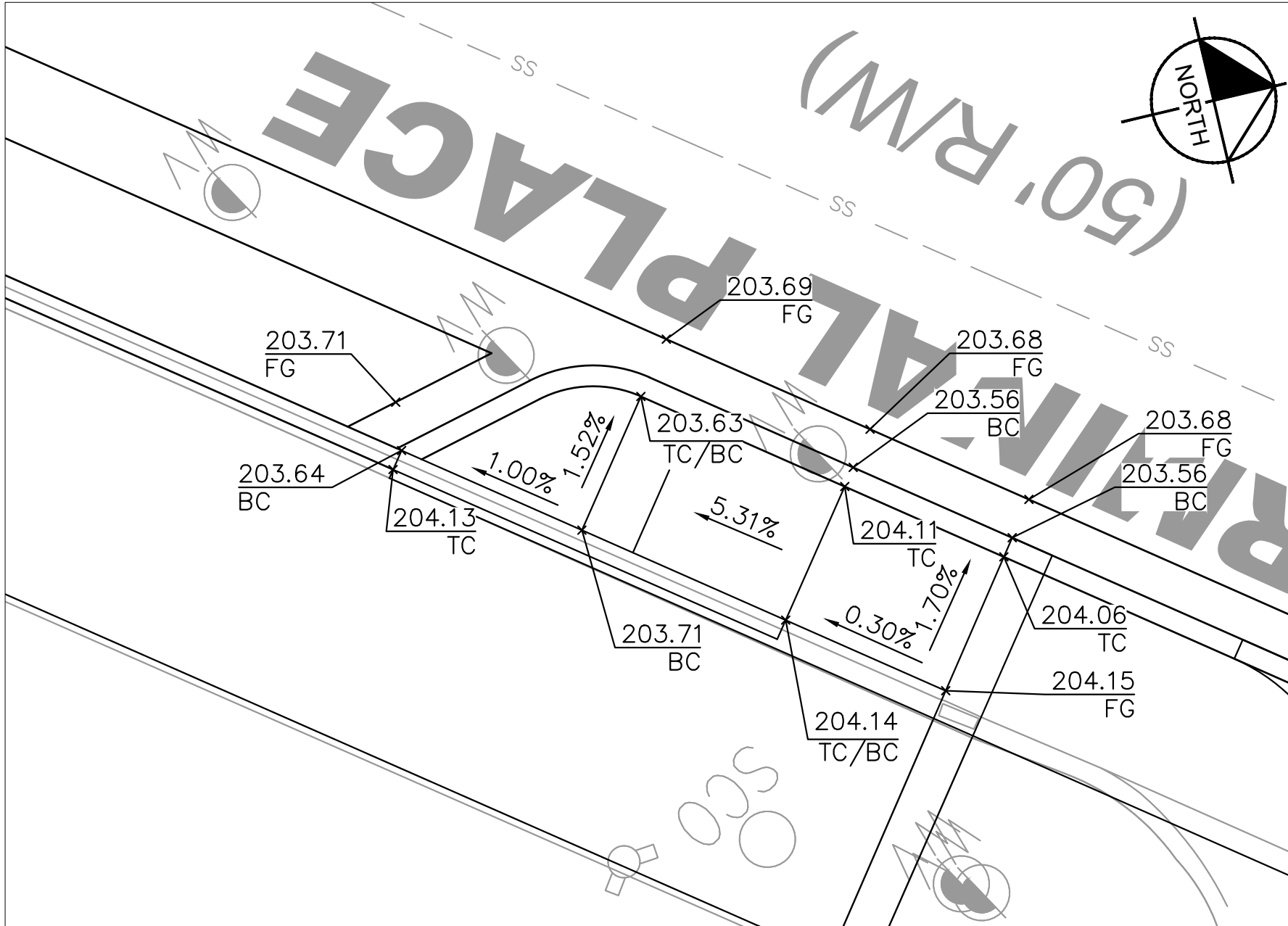
SHEET 2

 $C(I)$

	DRAWING
	$X = X$

XXXXX

Drawing name: K:\RICHMOND\PROJECTS\113457_RICHMOND\Call\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\CURB RAMP GRADING DETAILS.dwg 2022 GRADING DETAILS Nov 21, 2025 6:17pm by: Alyssa Baird
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KEY

BC - BOTTOM OF CURB

TC - TOP OF CURB

ME - MATCH EXISTING

FG - FINISHED GRADE

RW PLANS

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Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

Kimley»Horn

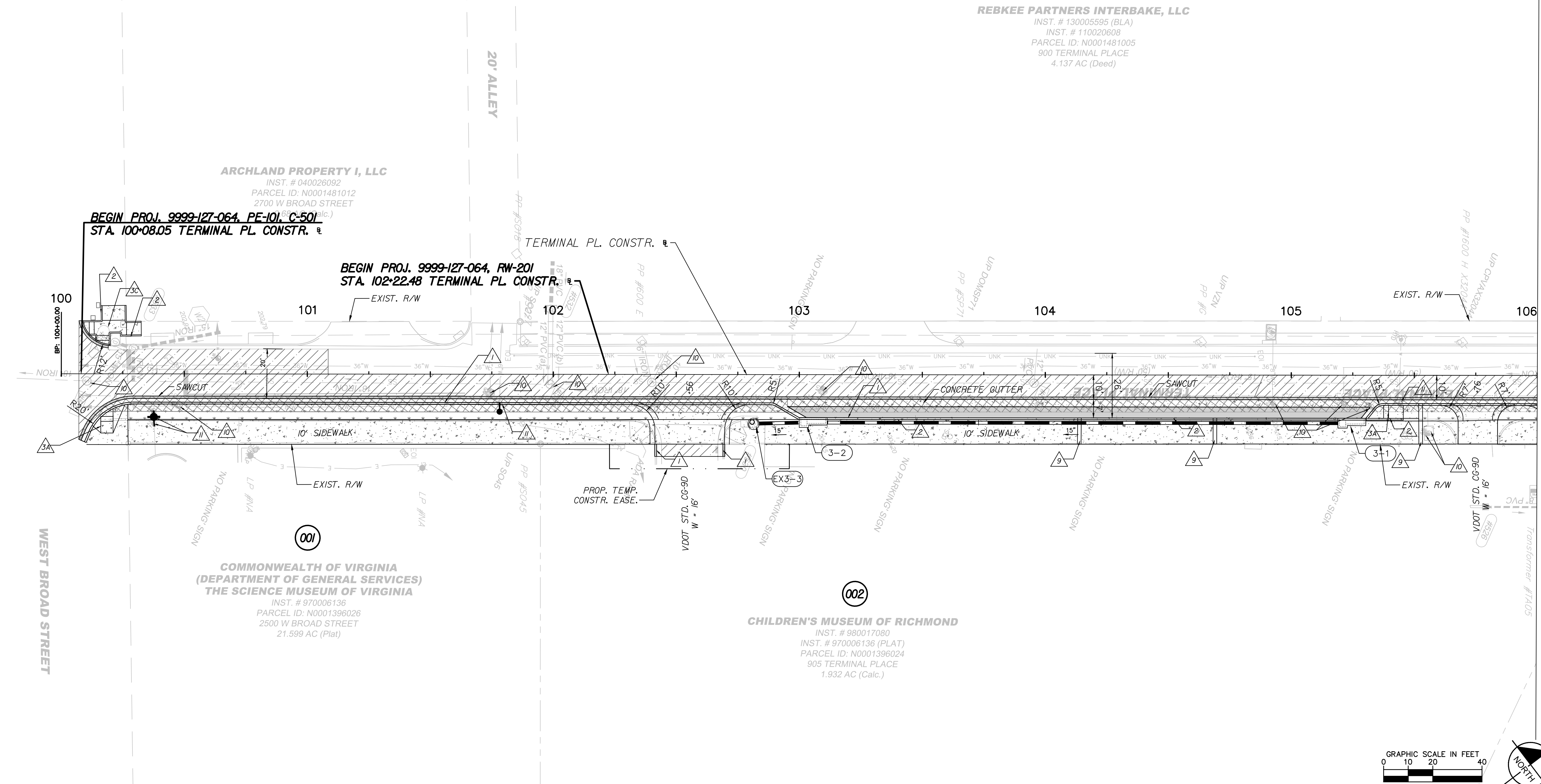
Kimley-Horn and Associates, Inc.
2035 Maywill Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
GRADING DETAILS

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01			
DESIGN BY:	AMB	REVIEWED BY:	JHO	SCALE:	DATE	SHEET	DRAWING NO.
DRAWN BY:	SOD				11/21/2025	20(2)	X-XXXXX
CHECKED BY:	AMB						

Drawing name: K:\RDC\PROJECTS\114457_RDC\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\PLAN.dwg 3 PLAN Nov 24, 2025 1:42pm by: Alyssa Baird
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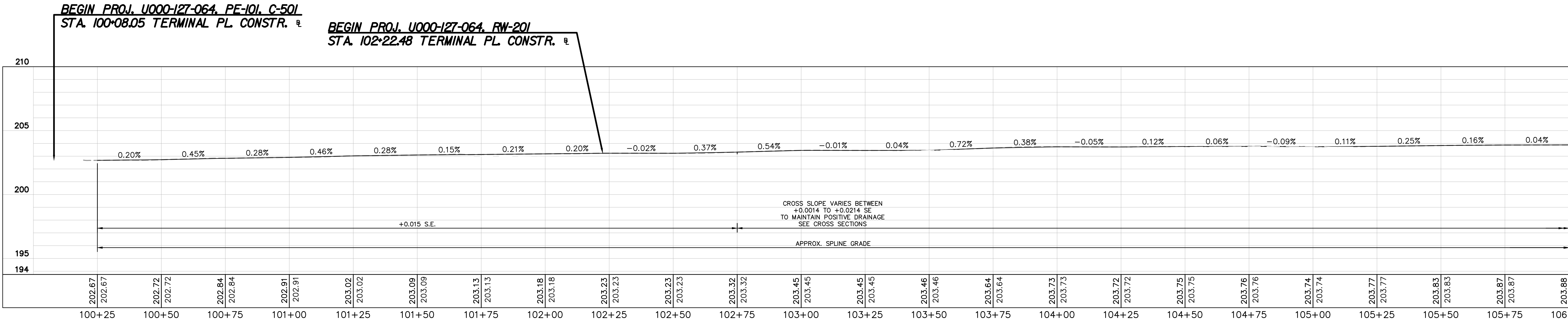


MATCHLINE TERMINAL CONSTR. STA. 106+00 - SEE SHEET 4

Drawing name: K:\RCD-1P10\113457_RCD-01\015_SNV Shared Use Path\3 Project Data\CADD Sheets\PROFILE.dwg 3A PROFILE Nov 21, 2025 6:20pm by: Alyssa Bord
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VERT: 1"=5'
HORIZ: 1"=20'

TERMINAL PLACE



MATCHLINE TERMINAL PL CONSTR. STA. 106+00 - SEE SHEET 4A

RW PLANS

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OF CONSTRUCTION

Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywell Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882

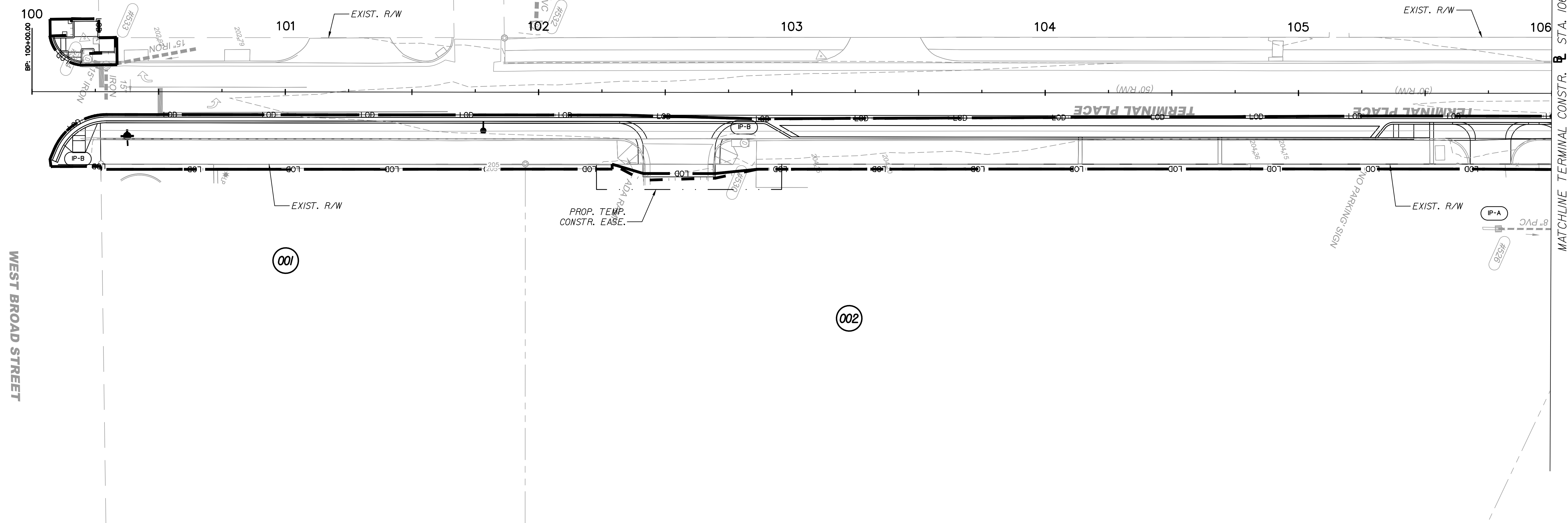


ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
PROFILE

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				9999-127-064, P101, RW201, C501			
DESIGN BY:	AMB	REVIEWED BY:	JBO	SCALE:	DATE	SHEET	DRAWING NO.
DRAWN BY:	SJD				11/21/2025	3A	X-XXXXX
CHECKED BY:	AMB						

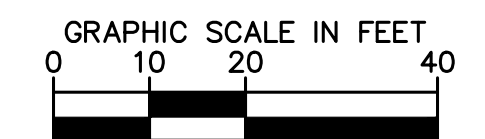
VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

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(PROFILES, DETAIL & DRAINAGE
DESCRIPTION SHEETS, ETC.)

Survey Alignment Data	ID
Construction Alignment Data	IE(1)
Plan	3
Profile	3A



RW PLANS

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OF CONSTRUCTION

WMAJ CHLINE TERMINAL CONSTR. 7 SIA: 106*00 - SEE SHEET 4B

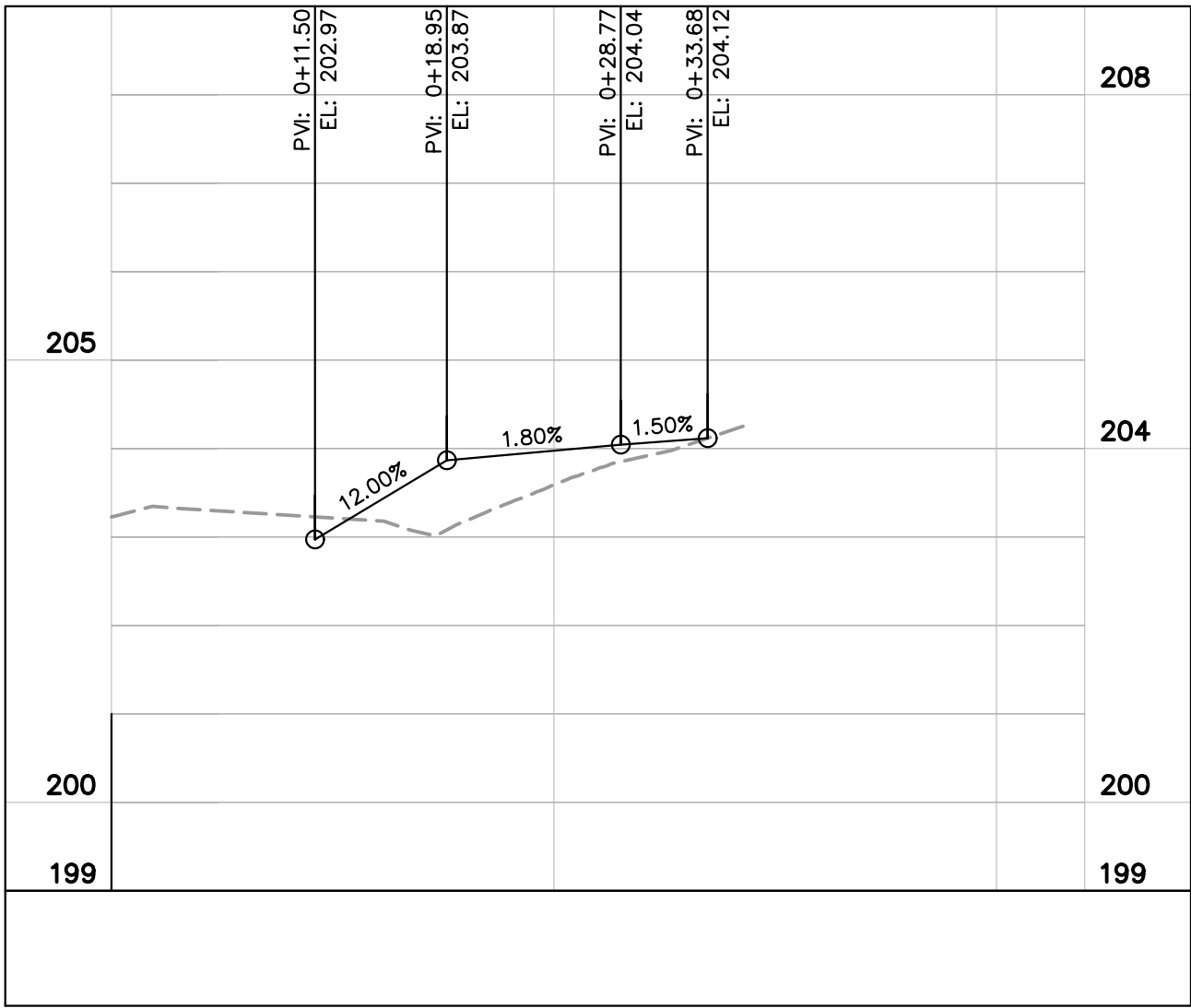
Shley-Horn and Associates, Inc.
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CIVIL ENGINEER

[illegible]

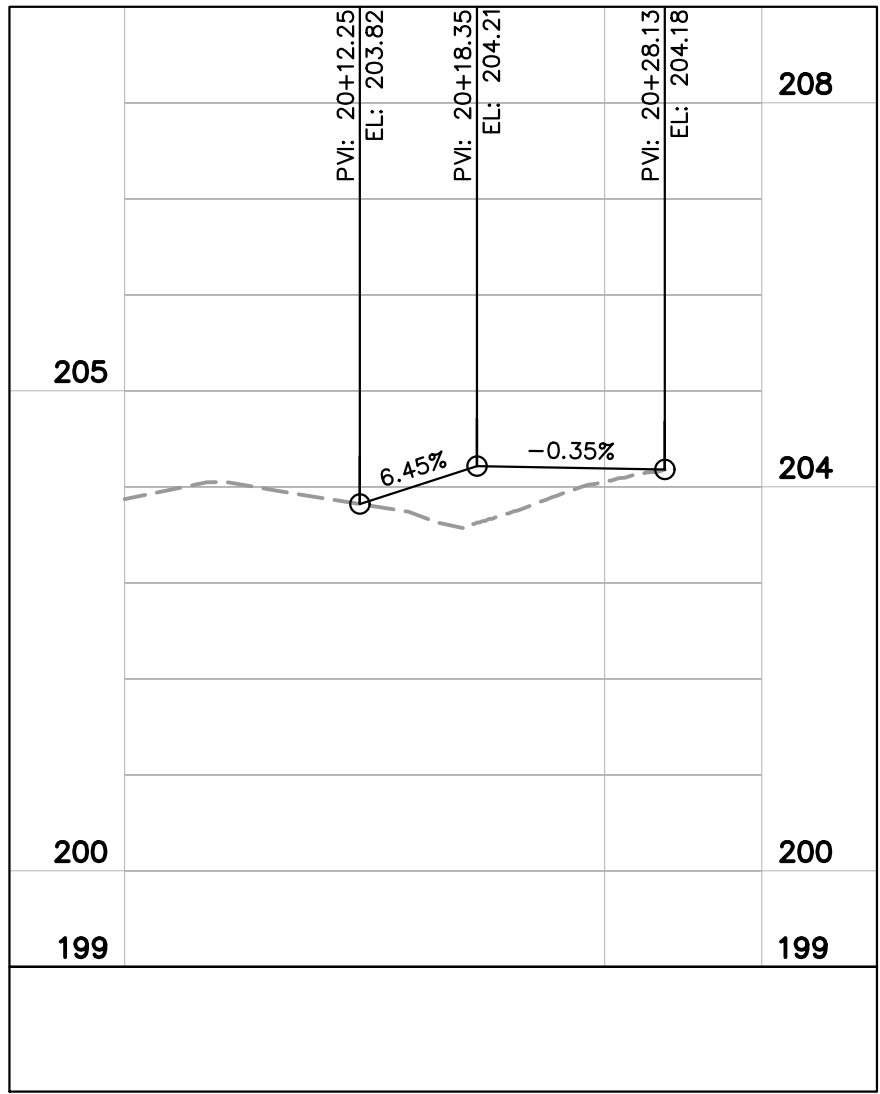
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VERT: 1"=2'
HORIZ: 1"=10'

ENT 102+55.52



ENT 105+75.79



RW PLANS

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Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywell Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
ENTRANCE PROFILES

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, CS01

DESIGN BY: AMB	REVIEWED BY:	SCALE:	DATE: 11/21/2025	SHEET: 3C	DRAWING NO: X-XXXXX
DRAWN BY: SOD	JHO				
CHECKED BY: AMB					

Drawing name: K:\RJC_IP70\113457_RC_On_Call\015_SW_Shared Use Path\3 Project Data\CADD\Sheets\PLAN.dwg 4 PLAN Nov 24, 2025 11:44pm by: Alysia.Bard
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REBKEE PARTNERS INTERBAKE, LLC
INST. # 130005595 (BLA)
INST. # 110020608
PARCEL ID: N0001481005
900 TERMINAL PLACE
4.137 AC (Deed)

947 MYERS, LLC
INST. # 180006538
PLAT: 170011962
PARCEL ID: N0001482003
949 MYERS STREET
2.473 AC (Calc.)

947 MYERS, LLC
INST. # 180006538
PLAT: 130005595
PARCEL ID: N0001481001
950 TERMINAL PLACE
0.74 AC (Calc.)

COMMONWEALTH OF VIRGINIA
(DEPARTMENT OF GENERAL SERVICES)
INST. # 980030615
INST. # 200005655 (CONSOLIDATION)
PARCEL ID: N0001396001
2401 W. LEIGH STREET
16.2 AC +/- (Deed / Plat)

**COMMONWEALTH OF VIRGINIA
(DEPARTMENT OF GENERAL SERVICES)
THE SCIENCE MUSEUM OF VIRGINIA**

INST. # 9700006136
INST. # 200005655 (CONSOLIDATION)
PARCEL ID: N0001396026
2500 W BROAD STREET
21.599 AC (Plat)

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Survey Alignment Data	ID
Construction Alignment Data	1E(1)
Profile	4A
Erosion Control Plan	4B
Entrance Profile	4C
Landscape Plan	8(4)
Signing & Marking Plan	9(4)

RW PLANS

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CIVIL ENGINEER

Curve TRM_1	Curve SUP_1	Curve SUP_2	Curve SUP_3	Curve SUP_4	Curve SUP_5	Curve SUP_6
R=182.15'	R=27.00"	R=26.77"	R=115.00"	R=470.00"	R=605.00"	
L=74.34'	L=14.17"	L=44.57"	L=76.22"	L=285.38"	L=183.22"	
T=37.69	T=7.25	T=29.41	T=39.83	T=23.30	T=14.74	
Delta=233.0333'(RT)	Delta=95.222338'(LT)	Delta=41.0112'(RT)	Delta=22.55433'(LT)	Delta=47.94732'(RT)	Delta=172.0170'(RT)	
P1=06+98.93	P1=00+27.76	P1=20+98.09	P1=20+98.09	P1=20+2.77	P1=20+82.69	
D=N48°49'59"E	D=N151°55'52"E	D=N196°20'20"E	D=N75°42'30"W	D=N108°57'20"E	D=N705°23'20"E	
PC=106+121.48	PC=20+20+64.68	PC=20+68.68	PC=20+89.47	PC=20+35.45	PC=20+24.00	
PT=107+31.58	PT=20+30.51	PT=20+1+13.25	PT=20+206.45	PT=207+0.40	PT=207+0.40	
Y=25 MPH	Y=12 MPH	Y=12 MPH	Y=25 MPH	Y=30 MPH	Y=30 MPH	

NOTE: DO NOT DISTURB TREES WITHIN
TEMPORARY CONSTRUCTION EASEMENT
UNLESS SPECIFICALLY MARKED FOR REMOVAL

4	VDOT STD. CG-12, TYPE M2 REQ'D.	9	REMOVE AND REPLACE EXISTING TRENCH AND COVER
5	VDOT STD. MS-1 REQ'D.	10	ADJUST TO GRADE
5A	VDOT STD. MS-1A REQ'D.	11	EXISTING UTILITY TO BE RELOCATED
6	VDOT STD. MS-2 REQ'D.		
7	4" STD. HYD. CEMENT SDWK. REQ'D.		
8	VDOT STD. UD-4 REQ'D.		
NOTE:	DOT - DOT - DASHED LINES DENOTE TEMPORARY EASEMENTS.		
NOTE:	DOT - DASHED LINES DENOTE PERMANENT EASEMENTS.		

Kimley»Horn
 Kimley-Horn and Associates, Inc.
 2025 Maxwell Street, Suite 200
 Richmond, Virginia 23230
 Tel: 804.788.5880

9	REMOVE AND REPLACE EXIST TRENCH AND COVER
10	ADJUST TO GRADE
11	EXISTING UTILITY TO BE RELOCATED

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Kimley-Horn and Associates, Inc.
2035 Maywill Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel. 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS					9999-127-064, P101, RW201, C501		VDOT PROJECT NO.:
DESIGN BY: AMB	REVIEWED BY		SCALE	DATE	SHEET	DRAWING NO.	
DRAWN BY: SOD	JHO			11/21/2025	4	X-XXXXX	
CHECKED BY: AMB							

No.	REVISIONS	DATE	BY

LEGEND

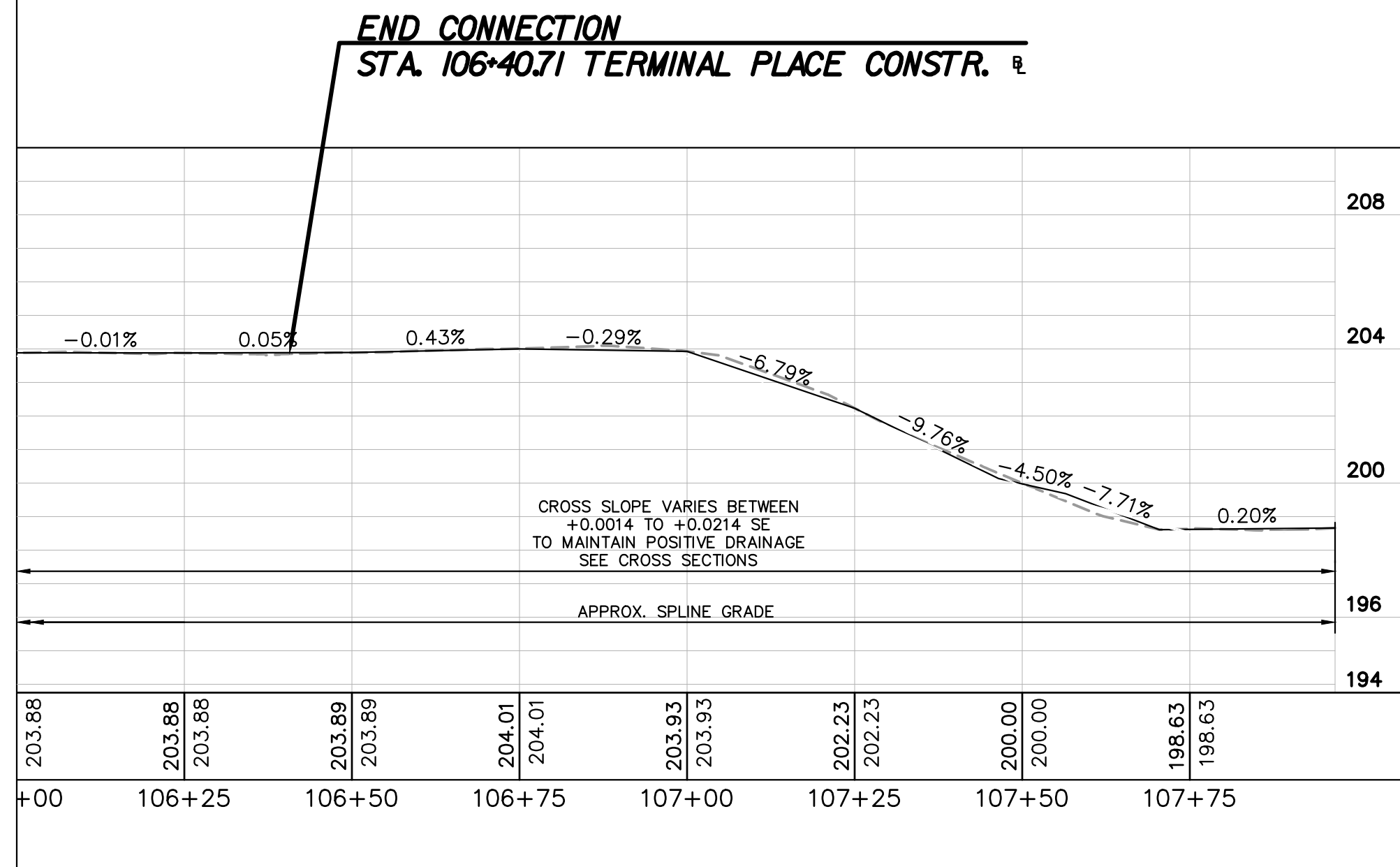
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	PROPOSED CONCRETE
	MILL AND OVERLAY/BUILD UP
	DEMOLITION OF FLEXIBLE PAVEMENT
	PROPOSED PERVIOUS AREA

	DENOTES CONSTRUCTION LIMITS IN CUTS
	DENOTES CONSTRUCTION LIMITS IN FILLS
	CITY OF RICHMOND STD. CURB & GUTTER REQ'D.
	CITY OF RICHMOND STD. CURB REQ'D.
	VDOT STD. CG-12, TYPE A REQ'D.
	VDOT STD. CG-12, TYPE B REQ'D.
	VDOT STD. CG-12, TYPE C REQ'D.

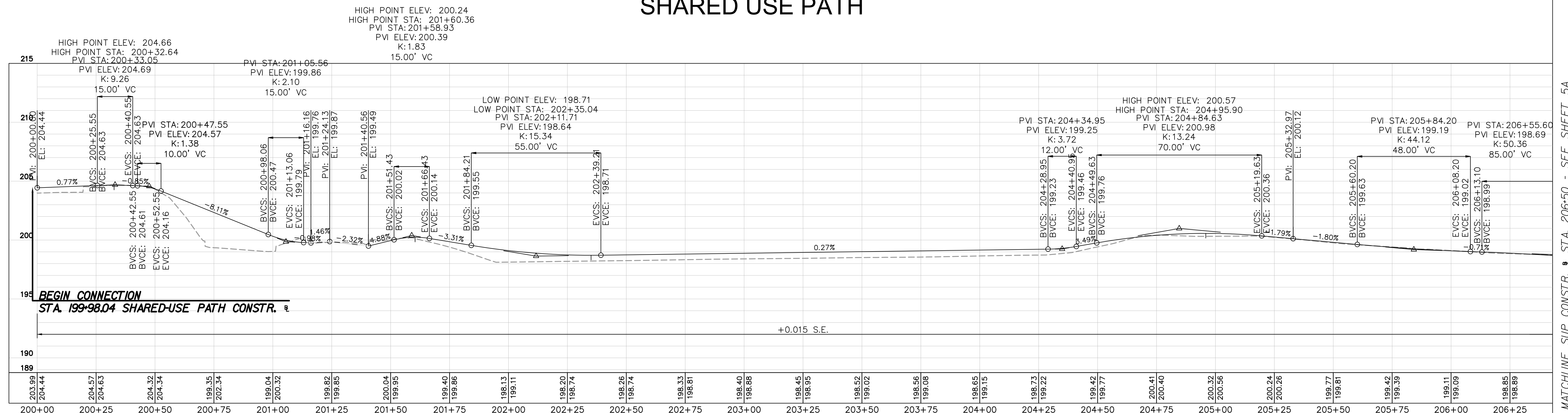
Drawing name: K:\R\C\PTO\13457_SW Col\015_SW Shared Use Path\3 Project Data\CADD Sheets\PROFILE.dwg 4A PROFILE Nov 21, 2025 6:50pm by: AlysaBond

by Kinley-Horn and Associates, Inc. shall be without liability to Kinley-Horn and Associates, Inc.
MATCHLINE TERMINAL PL CONSTR. @ STA. 106+00 - SEE SHEET 3A

TERMINAL PLACE



SHARED USE PATH



VERT: 1"=5'
HORIZ: 1"=20'

RW PLANS

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AND UNAPPROVED AND ARE NOT
TO BE USED FOR ANY TYPE
OF CONSTRUCTION

Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywill Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel. 804-673-3882



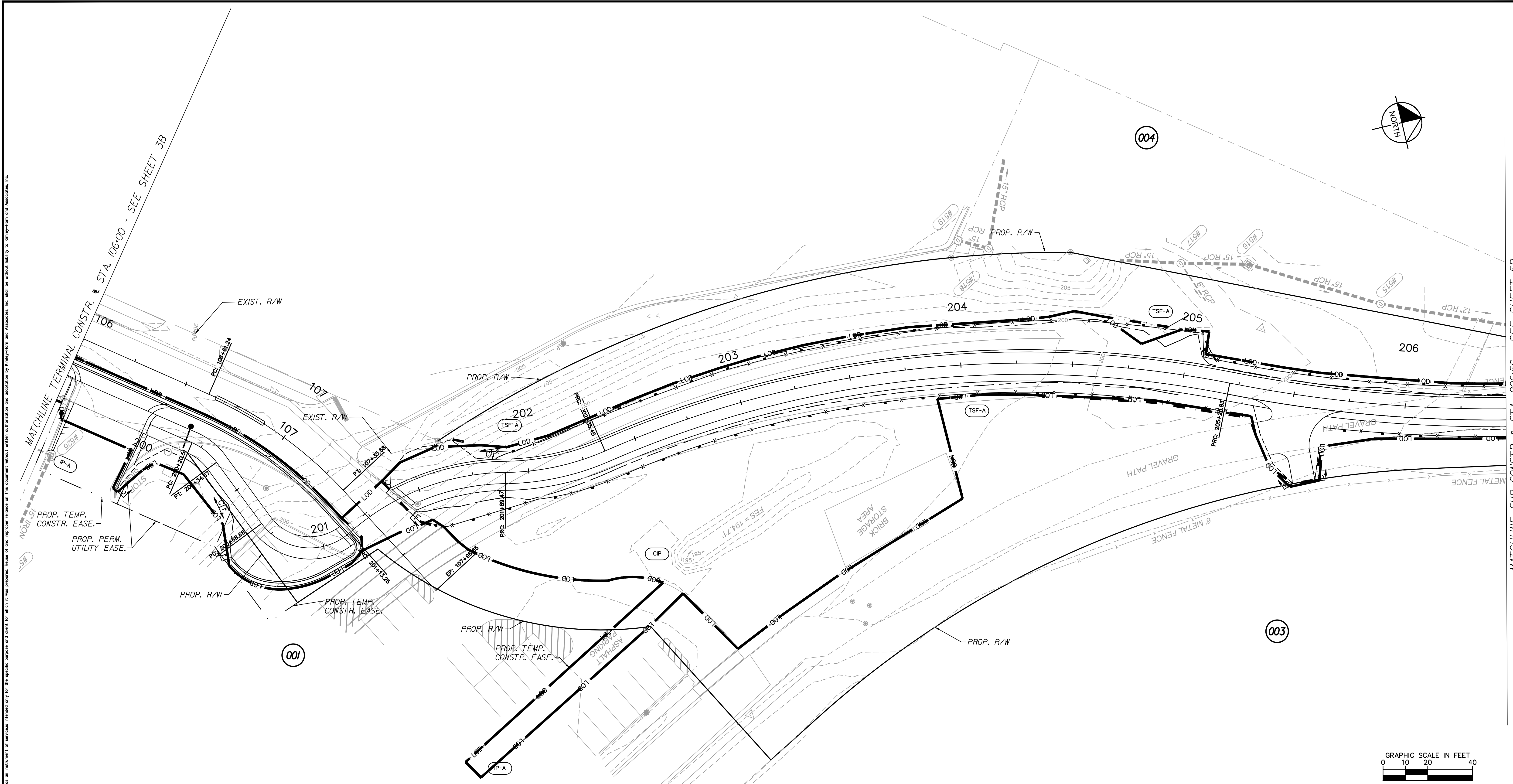
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
PROFILE

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

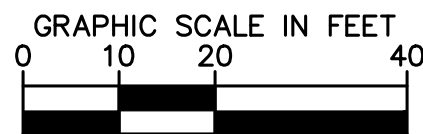
VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO		11/21/2025	4A	X-XXXXXX
CHECKED BY: AMB					

Drawing name: K:\RCD-IP\113457_RCD-On-Call\015_SNV Shared Use Path\3 Project Data\CADD Sheets\ESC-PH1.dwg 4B Nov 24, 2025 1:45pm by Alysa Baird
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NOTE:
SEE SHEET 3 FOR UTILITY OWNERS.



(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Survey Alignment Data	ID
Construction Alignment Data	IE(I)
Plan	4
Profile	4A

RW PLANS

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AND UNAPPROVED AND ARE NOT
TO BE USED FOR ANY TYPE
OF CONSTRUCTION

Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

	Denotes Temporary Silt Fence, Type A or B
	Denotes Culvert Inlet Protection, Type C: VDOT St'd EC-6
	Denotes Limits of Disturbance
	Denotes Rock Check Dam, Type II: VDOT St'd EC-4
	Denotes Inlet Protection, Type A: VDOT St'd EC-6
	Denotes Inlet Protection, Type B: VDOT St'd EC-6
	Denotes Temporary Sediment Trap: VDOT St'd EC-7

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2035 Mayfield Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION SHARED USE PATH EROSION AND SEDIMENT CONTROL PLAN

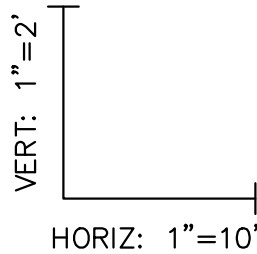
AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

9999-127-064, P101, RW201, CS01

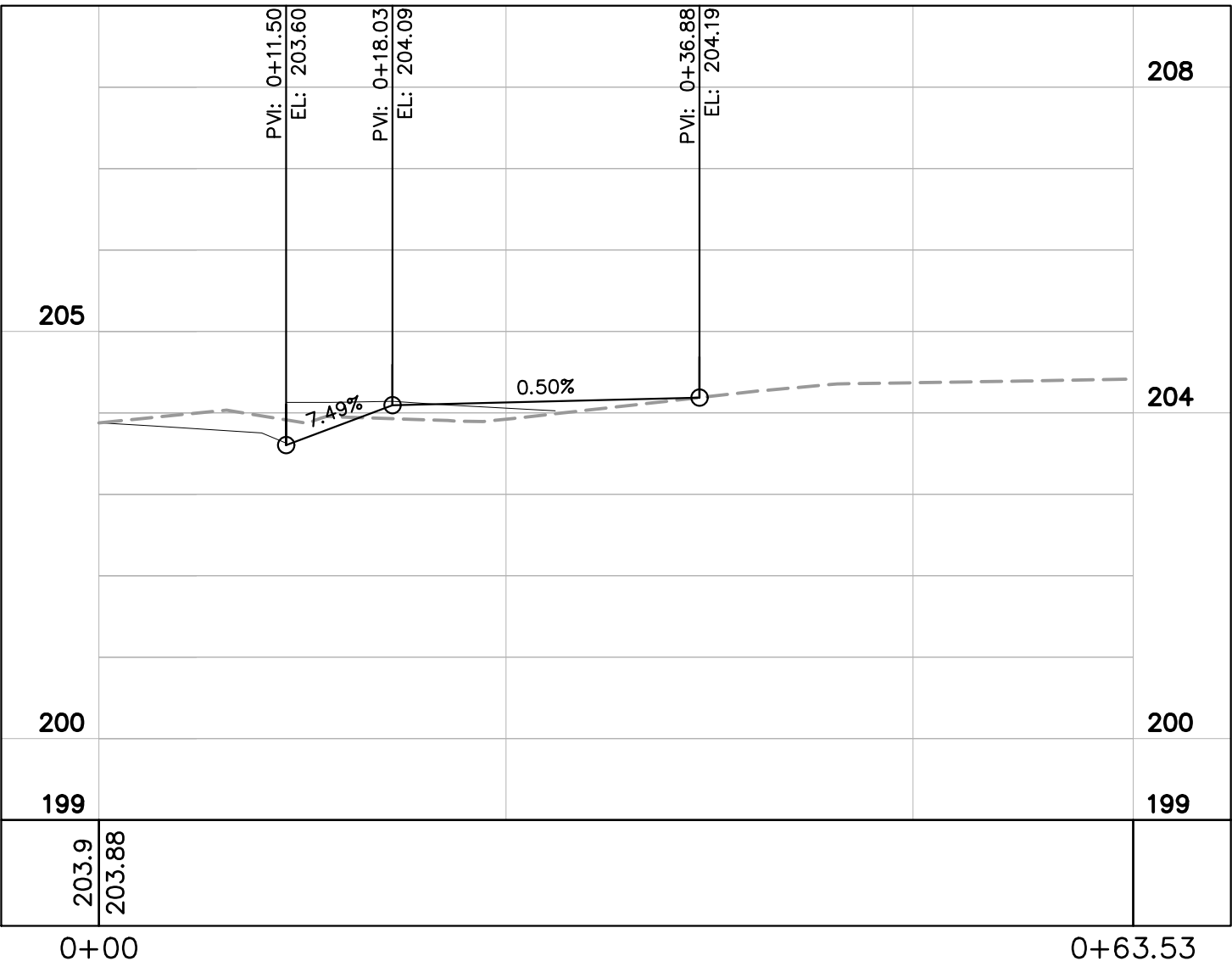
VDOT PROJECT NO.:

DESIGN BY:	AMB	REVIEWED BY:	JBO	SCALE:	DATE:	SHEET:	DRAWING NO.:
DRAWN BY:	SOD				11/21/2025	4B	X-XXXXX
CHECKED BY:	AMB						

Drawing name: K:\RCD\PROJECTS\113457_RCD\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\ENTRANCE PROFILES.dwg Nov 22, 2025 7:15pm by: Alysa.Baird
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ENT 106+22.85



RW PLANS

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Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywell Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
ENTRANCE PROFILES

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01			
DESIGN BY: AMB	REVIEWED BY: JHO	SCALE:	DATE: 11/21/2025	SHEET: 4C	DRAWING NO.:	X-XXXXX	
DRAWN BY: SOD	CHECKED BY: AMB						

Drawing name: K:\RVC\TRV\113457_RC_On_Call\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\PLAN.dwg 5 - PLAN Nov 24, 2025 1:46pm by: Alyssa Baird
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MATCHLINE PATH CONSTR. STA. 206+50 - SEE SHEET 4

947 MYERS, LLC
INST. # 180006538
PLAT: 170011962
PARCEL ID: N0001482003
949 MYERS STREET
2.473 AC (Calc.)

TRP MYERS, LLC
INST. # 210029896
PARCEL ID: N0001482005
953 MYERS STREET
1.082 AC (Calc.)

TRP MYERS, LLC
INST. # 210029896
PARCEL ID: N0001482006
957 MYERS STREET
1.116 AC (Calc.)

947 MYERS, LLC
INST. # 180006538
PLAT: 130005595
PARCEL ID: N0001481001
950 TERMINAL PLACE
0.74 AC (Calc.)

JAMES RIVER PETROLEUM, INC
INST. # 120009551 (MERGER)
D.B. 407 PG. 1699
D.B. 386, PG. 1136 (PLAT)
PARCEL ID: N0001396022
2730 W. LEIGH STREET
0.747 AC (Calc.)

**COMMONWEALTH OF VIRGINIA
(DEPARTMENT OF GENERAL SERVICES)
THE SCIENCE MUSEUM OF VIRGINIA**

INST. # 970006136
INST. # 200005655 (CONSOLIDATION)
PARCEL ID: N0001396026
2500 W BROAD STREET
21.599 AC (Plat)

**COMMONWEALTH OF VIRGINIA
(DEPARTMENT OF GENERAL SERVICES)**

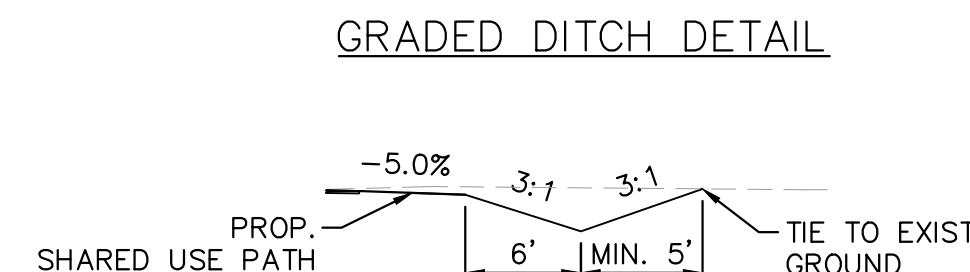
INST. # 980030615
INST. # 200005655 (CONSOLIDATION)
PARCEL ID: N0001396001
2401 W. LEIGH STREET
16.2 AC +/- (Deed / Plat)

G S WEST LEIGH OWNER, LLC
INST. # 090001452 (DEDICATION)
INST. # 06002692Z
P.B. 43, PG. 84
INST. # 060025815
P.B. 43, PG. 3
INST. # 060037406
D.B. 386, PG. 1136 (L&E)
PARCEL ID: N0001396028
1001 MYERS STREET
10.725 AC (Calc.)

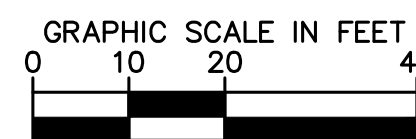
BTP BOULEVARD SQUARE, LLC
INST. # 090001452 (DEDICATION)
INST. # 06002692Z
P.B. 43, PG. 84
INST. # 060025815
P.B. 43, PG. 3
INST. # 060037406
D.B. 386, PG. 1136 (L&E)
PARCEL ID: N0001396028
1001 MYERS STREET
10.725 AC (Calc.)

Curve SUP_7 R=675.00' L=214.54' T=108.18 Delta=181°2'37"(RT) PI=206+13.15 D=16°16'14"E PC=205+20.83 PT=207+04.05 V=30 MPH	Curve SUP_8 R=60.00' L=15.32' T=7.70 Delta=14°37'52"(RT) PI=211+87.18 D=13°32'59"E PC=211+79.48 PT=211+94.80 V=18 MPH	Curve SUP_9 R=47.00' L=15.90' T=8.03 Delta=19°23'19"(LT) PI=212+31.95 D=13°01'16"E PC=212+23.92 PT=212+39.82 V=16 MPH	Curve SUP_10 R=950.00' L=108.56' T=54.34 Delta=6°32'51"(LT) PI=212+94.16 D=11°18'43"E PC=212+39.82 PT=213+48.39 V=30 MPH
Curve WLS_1 R=700.00' L=36.98' T=18.49 Delta=30°1'36"(RT) PI=300+55.18 D=56°51'22"E PC=300+36.68 PT=300+73.66	Curve WLS_2 R=2559.41' L=254.37' T=127.29 Delta=5°41'40"(RT) PI=302+00.95 D=56°50'48"E PC=300+73.66 PT=303+28.03	Curve WLS_3 R=700.00' L=342.26' T=174.62 Delta=28°00'52"(RT) PI=305+02.66 D=54°59'32"E PC=303+28.03 PT=306+70.30	

NOTE: DO NOT DISTURB TREES WITHIN
TEMPORARY CONSTRUCTION EASEMENT
UNLESS SPECIFICALLY MARKED FOR REMOVAL



REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Survey Alignment Data	ID
Construction Alignment Data	IE(I)
Profile	5A
Erosion Control Plan	5B
Landscape Plan	8(5)
Signaling & Marking Plan	10(5)



RW PLANS

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OF CONSTRUCTION

Kimley-Horn and Associates, Inc.
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CIVIL ENGINEER

LEGEND			
	PROPOSED PAVEMENT		DENOTES CONSTRUCTION LIMITS IN CUTS
	PROPOSED CONCRETE		DENOTES CONSTRUCTION LIMITS IN FILLS
	MILL AND OVERLAY/BUILD UP		CITY OF RICHMOND STD. CURB & GUTTER REQ'D.
	DEMOLITION OF FLEXIBLE PAVEMENT		CITY OF RICHMOND STD. CURB REQ'D.
	PROPOSED PERVIOUS AREA		VDOT STD. CG-12, TYPE A REQ'D.
			VDOT STD. CG-12, TYPE B REQ'D.
			VDOT STD. CG-12, TYPE C REQ'D.

	VDOT STD. CG-12, TYPE M2 REQ'D.
	VDOT STD. MS-1 REQ'D.
	VDOT STD. MS-1A REQ'D.
	VDOT STD. MS-2 REQ'D.
	4" STD. HYD. CEMENT SDWK. REQ'D.
	VDOT STD. UD-4 REQ'D.
NOTE:	DOT - DOT - DASHED LINES DENOTE TEMPORARY EASEMENTS.
NOTE:	DOT - DASHED LINES DENOTE PERMANENT EASEMENTS.

	REMOVE AND REPLACE EXIST. TRENCH AND COVER
	ADJUST TO GRADE
	EXISTING UTILITY TO BE RELOCATED



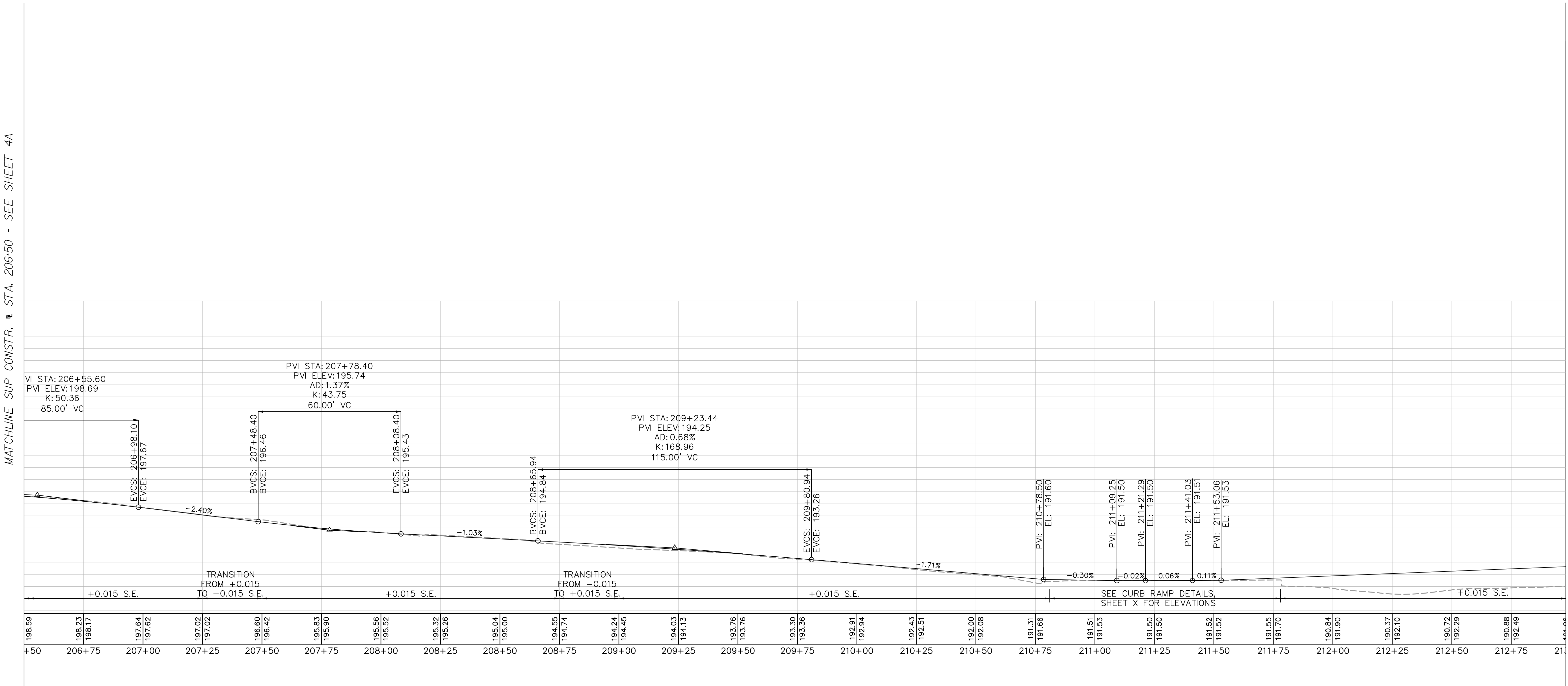
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Kimley-Horn and Associates, Inc.
2035 Mayfield Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-675-5885

ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01			
DRAWN BY:	AMB	REVIEWED BY:	JBO	SCALE:	DATE	SHEET	DRAWING NO.
CHECKED BY:	AMB				11/21/2025	5	X-XXXXXX

SHARED USE PATH

Drawing name: K:\RCD\PROJECTS\113457_RCD\015_SMP Shared Use Path\3 Project Data\CADD Sheets\PROFILE.dwg 5A PROFILE Nov 21, 2025 6:37pm by: Alysa Bord
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VERT: 1"=5'
HORIZ: 1"=20'

RW PLANS

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Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywell Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
PROFILE

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

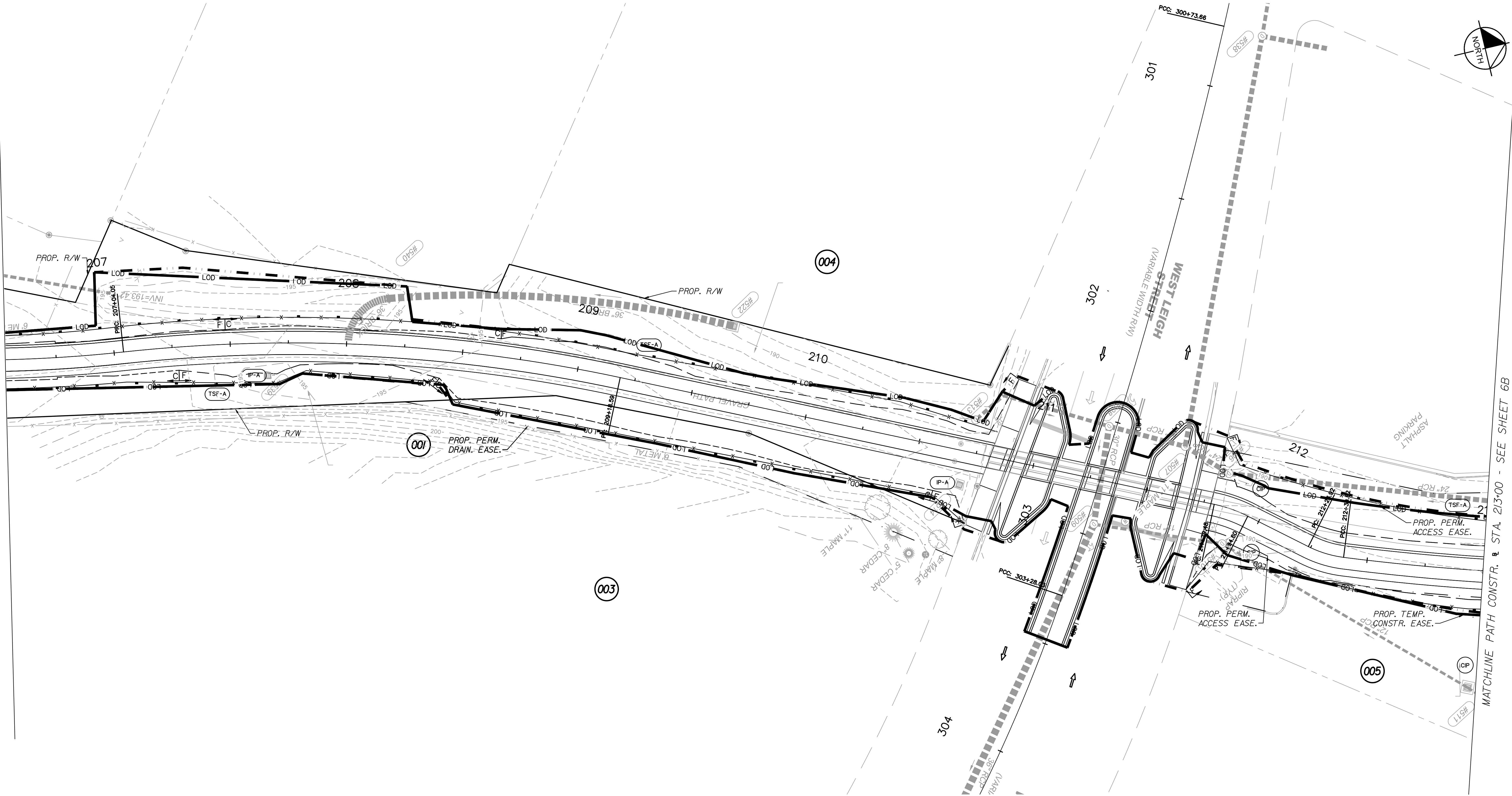
9999-127-064, P101, RW201, C501

VDOT PROJECT NO.: 9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY: JHO	SCALE:	DATE: 11/21/2025	SHEET: 5A	DRAWING NO: X-XXXXX
DRAWN BY: SDB					
CHECKED BY: AMB					

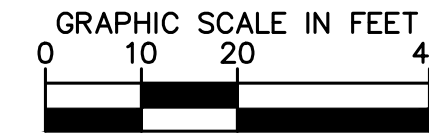
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MATCHLINE PATH CONSTR. @ STA. 206+50 - SEE SHEET 4B



NOTES:
1. SEE SHEET 3 FOR UTILITY OWNERS.
2. CONTRACTOR SHALL RELOCATE ALL AFFECTED MAILBOXES ALONG HEY ROAD PER VDOT SPECIFICATIONS.

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Survey Alignment Data	ID
Construction Alignment Data	IE(I)
Plan	5
Profile	5A



RW PLANS

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CIVIL ENGINEER

No.	REVISIONS	DATE	BY

—x— (TSF-A)	Denotes Temporary Silt Fence, VDOT St'd EC-5 Type A or B
—x— (TSF-B)	
—(CIP)—	Denotes Culvert Inlet Protection, Type C; VDOT St'd EC-6
—LOD—	Denotes Limits of Disturbance

—(RCD-2)—	Denotes Rock Check Dam, Type II; VDOT St'd EC-4
—(IP-A)—	Denotes Inlet Protection, Type A; VDOT St'd EC-6
—(IP-B)—	Denotes Inlet Protection, Type B; VDOT St'd EC-6
—(TST)—	Denotes Temporary Sediment Trap; VDOT St'd EC-7

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Tel: 804-673-3662



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
EROSION AND SEDIMENT CONTROL PLAN

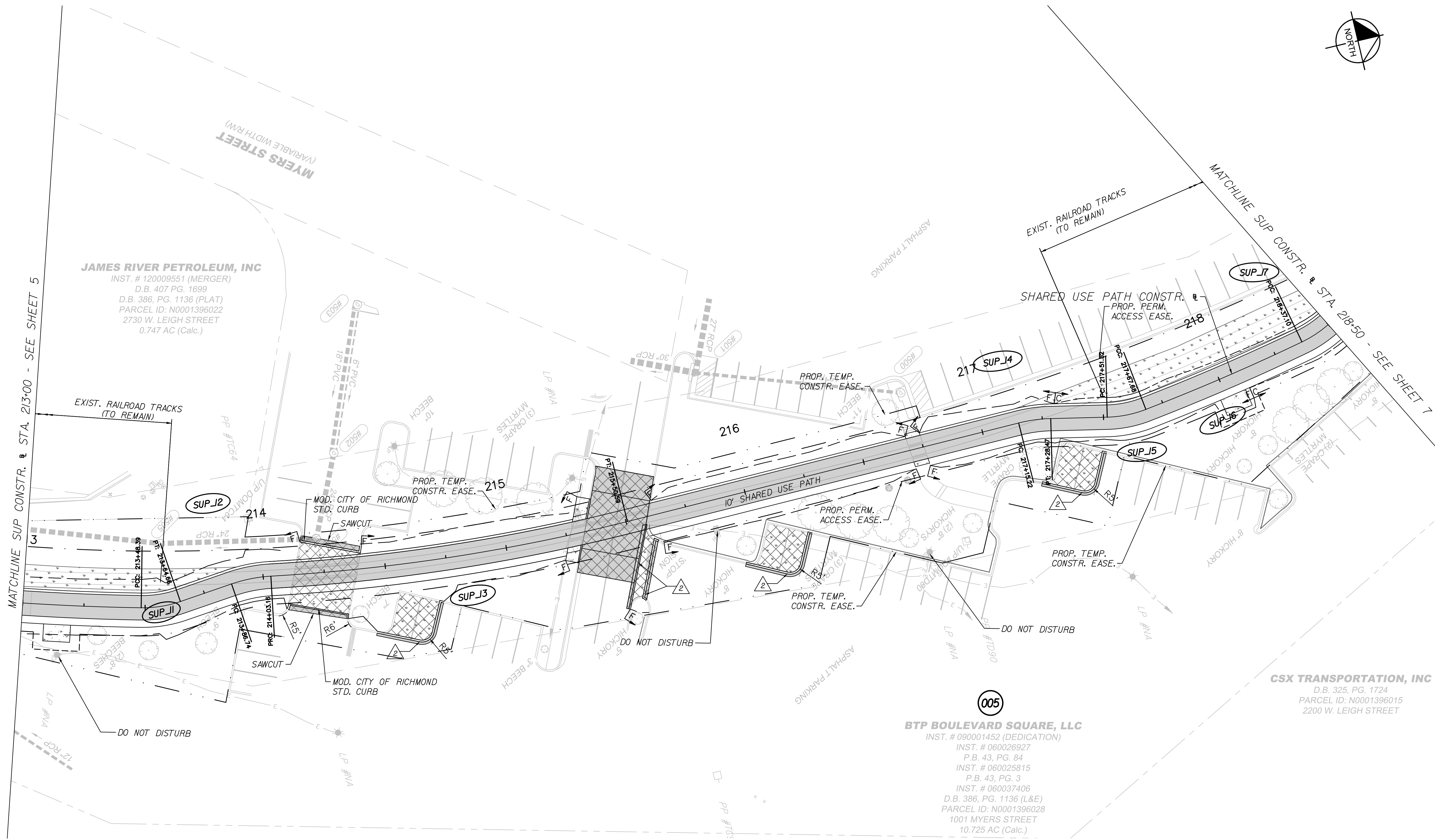
AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

9999-127-064, P101, RW201, CS01

VDOT PROJECT NO.:

DESIGN BY: AMB	REVIEWED BY: JBO	SCALE:	DATE: 11/21/2025	SHEET: 5B	DRAWING NO: X-XXXXX
DRAWN BY: AMB	CHECKED BY: AMB				

Drawing name: K:\RVC\PROJECTS\113457_RC_On_Call\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\PLAN.dwg 6 PLAN Nov 24, 2025 1:46pm by: Alysa Baird
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Drawing name: K:\RCD\PROJECTS\113457_RCD\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\PROFILE.dwg 6A PROFILE Nov 21, 2025 6:57pm by: Alysa Bard
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VERT: 1"=5'
HORIZ: 1"=20'

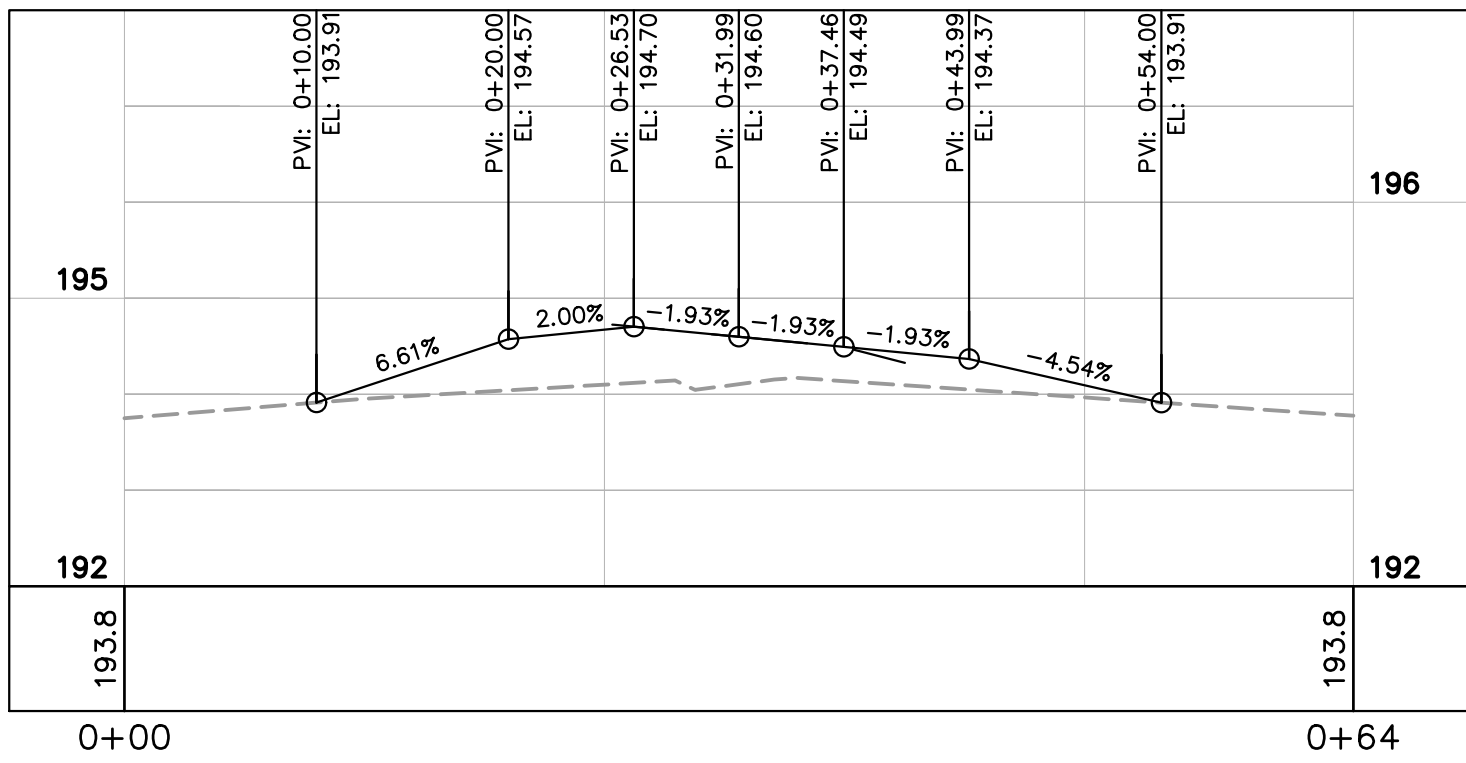
MATCHLINE SUP CONSTR. @ STA. 213+00 - SEE SHEET 6A



MATCHLINE SUP CONSTR. @ STA. 218+50 - SEE SHEET 7A

SPEED TABLE

VERT: 1"=5'
HORIZ: 1"=20'



RW PLANS

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Richmond, Virginia
CIVIL ENGINEER

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Mayfield Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-675-5882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
PROFILE

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01

DESIGN BY: AMB
DRAWN BY: SDB
CHECKED BY: AMB

REVIEWED BY: JBO

SCALE

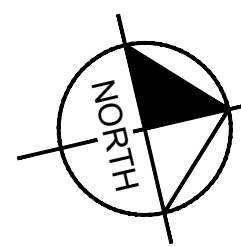
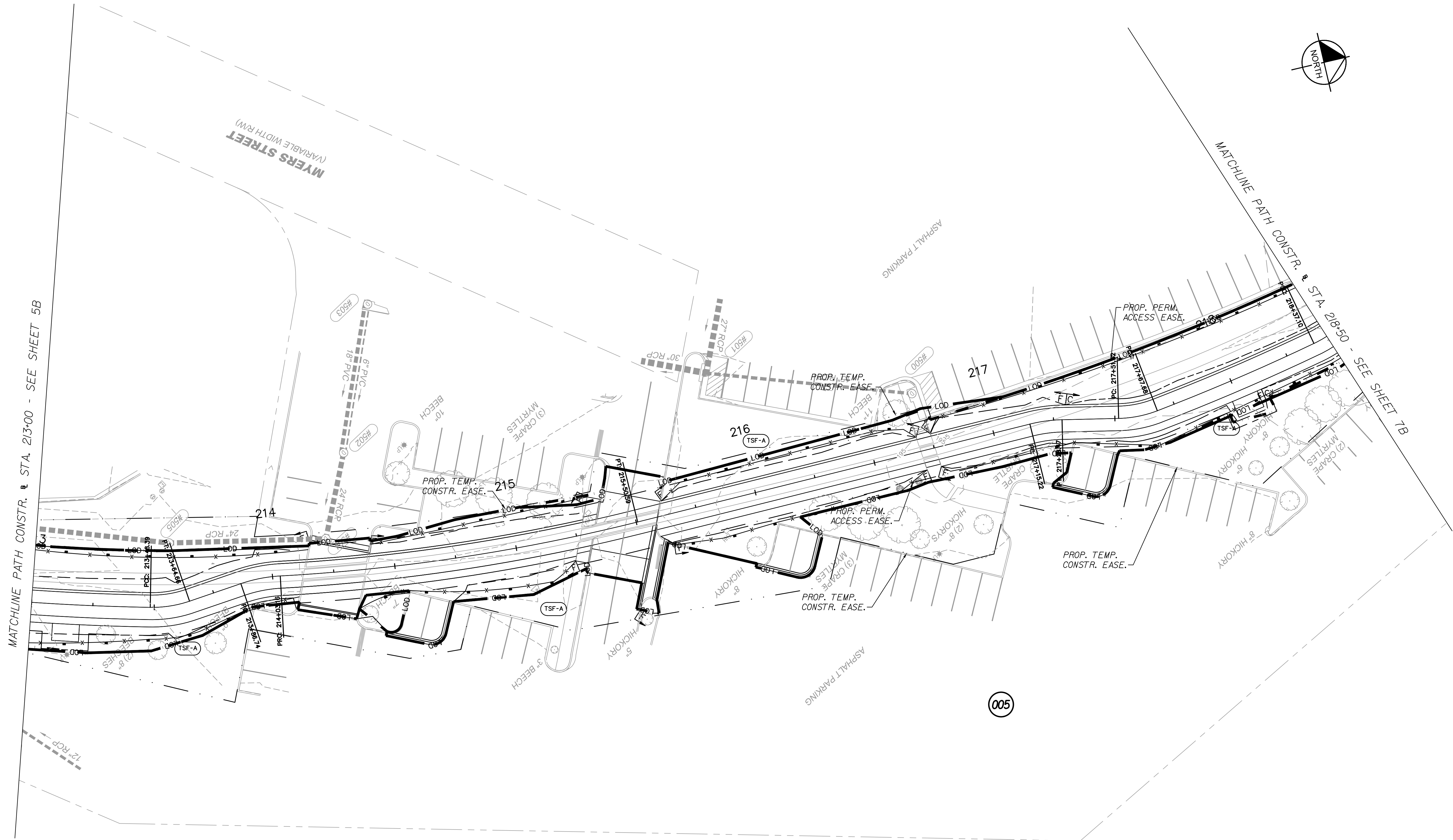
DATE: 11/21/2025

SHEET

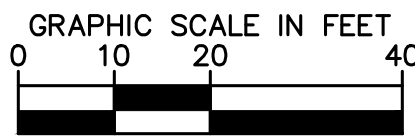
6A

DRAWING NO.: X-XXXXX

Drawing name: K:\RCD-TP10\113457_RCD-01_Coal\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\ESC-PH1.dwg 6B Nov 24, 2025 1:50pm by Alysa Baird
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REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)		
Survey Alignment Data	ID	
Construction Alignment Data	IE(I)	
Plan	6	
Profile	6A	



RW PLANS

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OF CONSTRUCTION

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Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

- x — (TSF-A) Denotes Temporary Silt Fence, VDOT St'd EC-5 Type A or B
- (TSF-B)
- (CP) Denotes Culvert Inlet Protection, Type C; VDOT St'd EC-6
- LOD — Denotes Limits of Disturbance

- (RCD-2) Denotes Rock Check Dam, Type II; VDOT St'd EC-4
- (IP-A) Denotes Inlet Protection, Type A; VDOT St'd EC-6
- (IP-B) Denotes Inlet Protection, Type B; VDOT St'd EC-6
- (TST) Denotes Temporary Sediment Trap; VDOT St'd EC-7

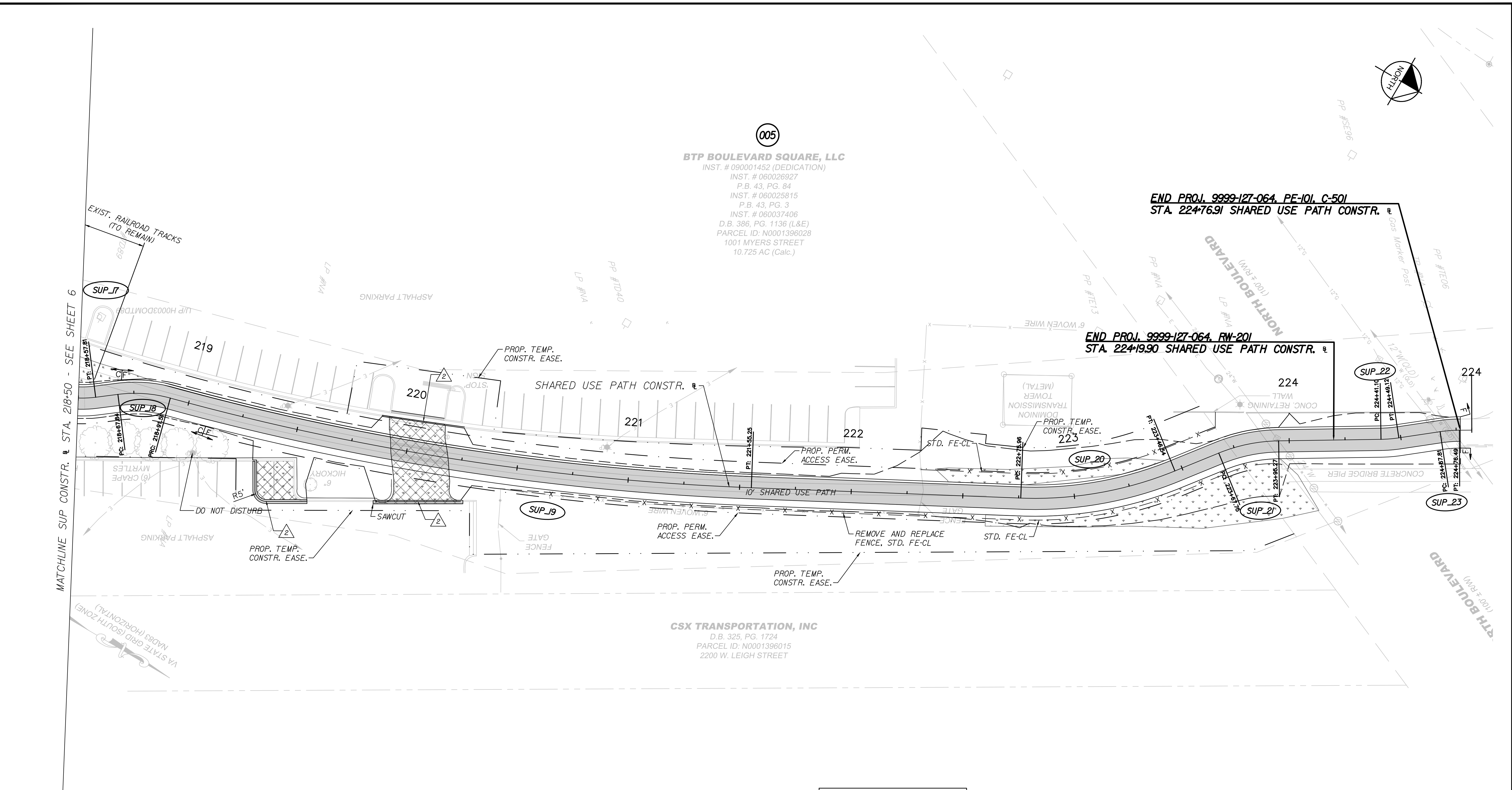
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Kimley-Horn and Associates, Inc.
2035 Mayfield Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION SHARED USE PATH EROSION AND SEDIMENT CONTROL PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01			
DESIGN BY: AMB	REVIEWED BY: JHO	SCALE:	DATE: 11/21/2025	SHEET: 6B	DRAWING NO.: X-XXXXX		
DRAWN BY: SOD	CHECKED BY: AMB						

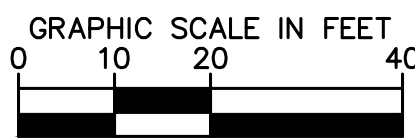
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Curve SUP_17 R=47.00' L=20.71' T=10.53 Delta=251°4'46"(LT) PI=218+47.63 D=N25°02'20"W PC=218+37.10 PT=218+57.81 V=16 MPH	Curve SUP_18 R=60.00' L=23.67' T=11.99 Delta=22°36'14"(RT) PI=218+79.83 D=N26°21'36"W PC=218+67.84 PT=218+91.51 V=18 MPH	Curve SUP_19 R=1150.00' L=263.74' T=132.45 Delta=13°08'24"(LT) PI=220+23.96 D=N21°37'42"W PC=218+67.84 PT=221+55.25 V=30 MPH	Curve SUP_20 R=166.00' L=70.58' T=35.83 Delta=24°21'46"(LT) PI=223+11.79 D=N40°22'47"W PC=223+67.76 PT=223+95.27 V=30 MPH	Curve SUP_21 R=74.00' L=27.52' T=13.92 Delta=21°18'21"(RT) PI=223+81.68 D=N41°54'29"W PC=223+67.76 PT=223+95.27 V=20 MPH	Curve SUP_22 R=60.00' L=8.02' T=4.02 Delta=7°39'29"(LT) PI=224+45.12 D=N35°05'02"W PC=224+41.10 PT=224+49.12 V=18 MPH	Curve SUP_23 R=60.00' L=8.68' T=4.35 Delta=8°17'24"(LT) PI=224+72.16 D=N34°46'05"W PC=224+67.81 PT=224+76.49 V=18 MPH
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NOTE: DO NOT DISTURB TREES WITHIN
TEMPORARY CONSTRUCTION EASEMENT
UNLESS SPECIFICALLY MARKED FOR REMOVAL

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Survey Alignment Data	ID
Construction Alignment Data	IE(I)
Profile	7A
Erosion Control Plan	7B
Landscape Plan	8(7)
Signing & Marking Plan	9(7)



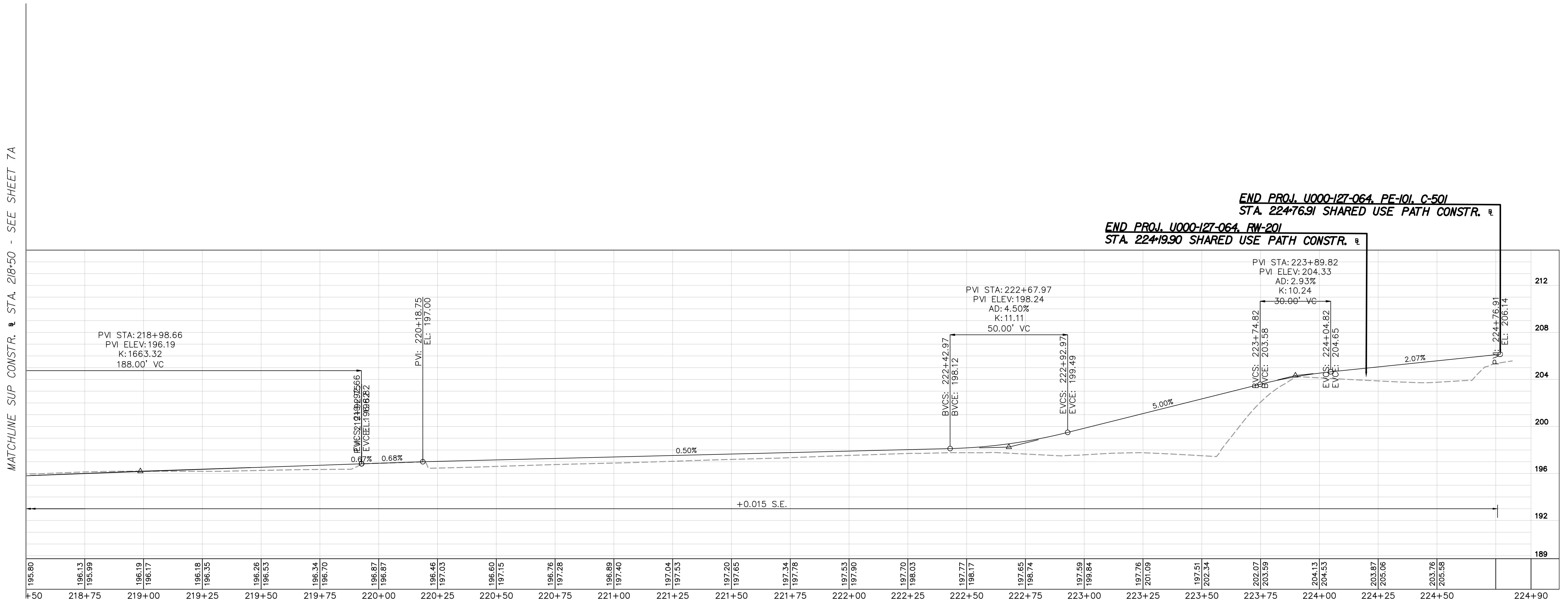
RW PLANS

THESE PLANS ARE UNFINISHED
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OF CONSTRUCTION

Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

LEGEND				NOTES				CITY OF RICHMOND				ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION SHARED USE PATH PLAN				AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				VDOT PROJECT NO.: 9999-127-064, P101, RW201, C501			
PROPOSED PAVEMENT				VDOT STD. CG-12, TYPE M2 REQ'D.				REMOVE AND REPLACE EXIST. TRENCH AND COVER				DESIGN BY: AMB				SCALE				DATE			
PROPOSED CONCRETE				VDOT STD. MS-1 REQ'D.				ADJUST TO GRADE				DRAWN BY: SOD				SHEET				11/21/2025			
MILL AND OVERLAY/BUILD UP				VDOT STD. MS-1A REQ'D.				EXISTING UTILITY TO BE RELOCATED				CHECKED BY: AMB				7				X-XXXXXX			
DEMOLITION OF FLEXIBLE PAVEMENT				VDOT STD. CG-12, TYPE A REQ'D.				4" STD. HYD. CEMENT SDWK. REQ'D.				Kimley-Horn and Associates, Inc. 2035 Mayfield Street, SUITE 200 RICHMOND, VIRGINIA 23230 Tel: 804-673-5882				DRAWING NO.				X-XXXXXX			
PROPOSED PERVIOUS AREA				VDOT STD. CG-12, TYPE B REQ'D.				VDOT STD. UD-4 REQ'D.				NOTE: DOT - DOT - DASHED LINES DENOTE TEMPORARY EASEMENTS.				NOTE: DOT - DASHED LINES DENOTE PERMANENT EASEMENTS.							
				VDOT STD. CG-12, TYPE C REQ'D.																			

SHARED USE PATH



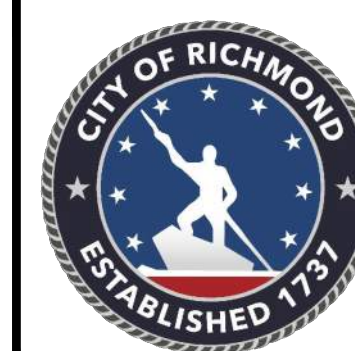
RW PLANS

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AND UNAPPROVED AND ARE NOT
TO BE USED FOR ANY TYPE
OF CONSTRUCTION

Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywill Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel. 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
PROFILE

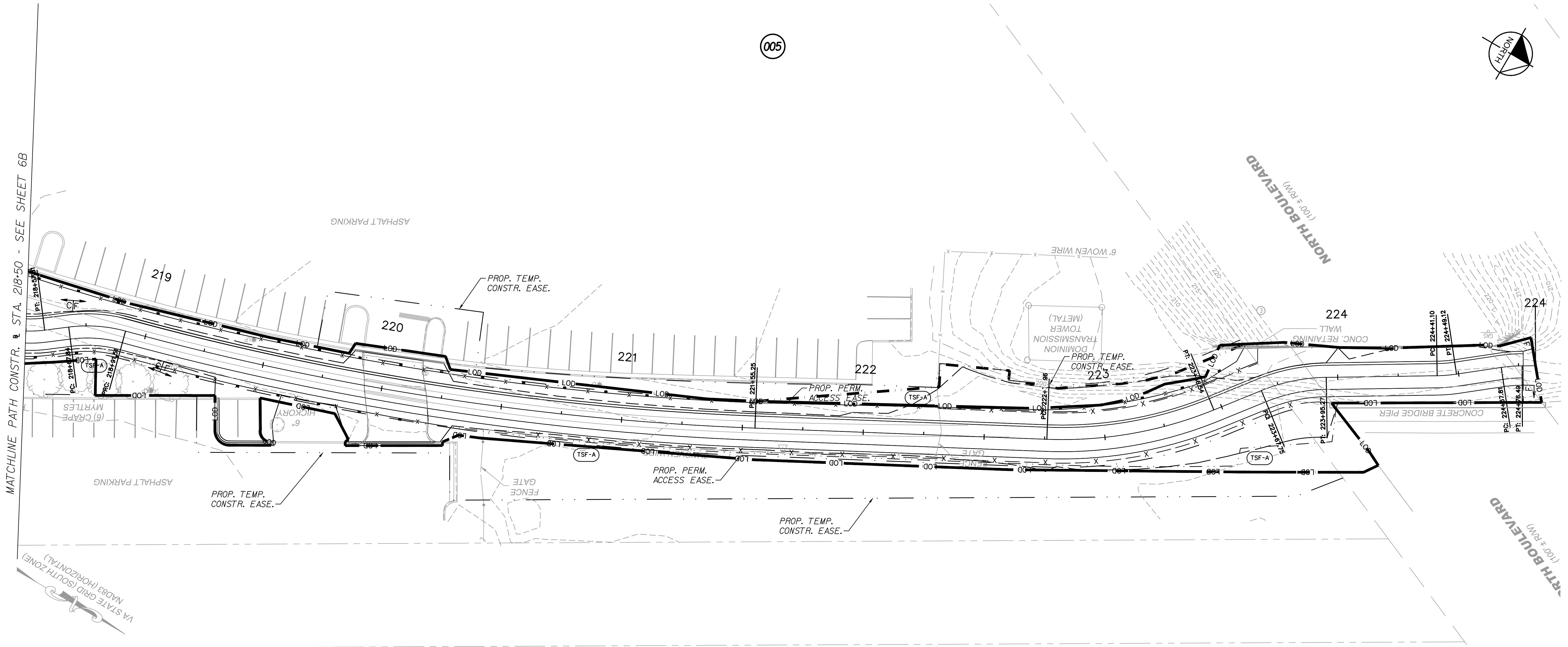
AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

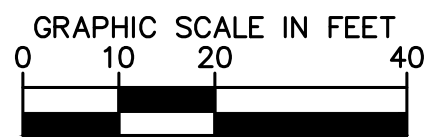
DESIGN BY: AMB	REVIEWED BY:	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO		11/21/2025	7A	X-XXXXXX
CHECKED BY: AMB					

Drawing name: K:\RCD-1P10\113457_RCD-01_Coll\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\ESC_P1H1.dwg 7B Nov 24, 2025 1:53pm by AlysaBoird
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MATCHLINE PATH CONSTR. @ STA. 218+50 - SEE SHEET 6B



REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC)	
Survey Alignment Data	ID
Construction Alignment Data	IE(I)
Plan	7
Profile	7A



RW PLANS

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OF CONSTRUCTION

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Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

- X— (TSF-A) Denotes Temporary Silt Fence, VDOT St'd EC-5 Type A or B
(TSF-B)
(CP) Denotes Culvert Inlet Protection, Type C; VDOT St'd EC-6
— LOD — Denotes Limits of Disturbance

- (RCD-2) Denotes Rock Check Dam, Type II; VDOT St'd EC-4
(IP-A) Denotes Inlet Protection, Type A; VDOT St'd EC-6
(IP-B) Denotes Inlet Protection, Type B; VDOT St'd EC-6
(TST) Denotes Temporary Sediment Trap; VDOT St'd EC-7

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywell Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION SHARED USE PATH EROSION AND SEDIMENT CONTROL PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

9999-127-064, P101, RW201, CS01

VDOT PROJECT NO.:

DESIGN BY: AMB
DRAWN BY: SOD
CHECKED BY: AMB

REVIEWED BY: JHO

SCALE

DATE
11/21/2025

SHEET
7B

DRAWING NO.
X-XXXXX

Drawing name: K:\RVC\PROJECTS\113457_RIC_On_Call\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\LANDSCAPE NOTES AND DETAILS.dwg
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Nov 24, 2025 11:06am by Alysa Beird

8(1) LANDSCAPE NOTES AND DETAILS

GENERAL NOTES

- Plants shall be healthy, vigorous material, free of pests and diseases and are subject to approval/rejection of the Landscape Architect prior to, during and after installation.
- Contractor shall identify all materials at growing location prior to purchase and submit digital photographs, and source list to the Landscape Architect for approval at a minimum of six (6) calendar weeks prior to installation. Plants not approved shall be resourced and resubmitted.
- Planting beds and individual tree plantings shall be mulched continuously as specified.
- Prior to construction the contractor shall be responsible for locating underground utilities and execute work in a manner that avoids damage to utilities during the course of work. Contractor shall be responsible or remedy of any damage to utilities, structures, site appearances that occur as a result of landscape related work.
- Contractor is responsible for verifying quantities shown on documents. Field adjustments shall be approved by Landscape Architect prior to installation. Quantities indicated on drawings are for reference-it is the Contractor's responsibility to ensure full coverage of plants at the indicated spacing.
- Contractor is responsible for maintenance of all plantings including, but not limited to watering, mowing, edging, spraying, mulching, fertilizing, of plantings and turf areas for one (1) calendar year from date of certificate of occupancy. Contractor is responsible for warranty of all plant material for a period of one (1) calendar year from date of certificate of occupancy. Warranty replacement planting shall meet or exceed the original specification identified on drawings. Replacement planting shall extend the same warranty as originally installed materials. Plantings and grass areas shall be flourishing and fully thriving at end of warranty period.
- Plants identified for replacement by Owner, Landscape Architect shall be replaced immediately by the Contractor unless otherwise agreed upon. Plantings (trees, shrubs, groundcover) subject to replacement by warranty shall exhibit characteristics of 30% dead-per individual plant, non-contributing or disease compromised. Grass areas suitable for acceptance shall demonstrate 85% sustained/consistent and continuous, densely established coverage. Contractor shall perform a site review at end of warranty period and provide the Owner with written documentation of the site, including plant health, warranty replacement items, and conditions that may be influencing plant health. Contractor shall remove from plants and site, all staking and guying material at end of warranty period.
- Contractor shall comply with all local, state and federal requirements, codes and regulations related to the work undertaken.
- All material including planting operation appearances shall be of domestic origin manufacture and sourced within 100 miles of the project site.
- Contractor is responsible for coordination among trades operating on site. Coordination and if necessary resulting modifications to schedules are responsibility of the Contractor.

PERFORMANCE SPECIFICATION

I. PLANTS

A.General

- Live healthy plants free of dead branches and parts
- Free of disease, insect, injury and damage
- Unbroken, intact, dense and solid rootballs and containers, without cracks, flat sides or previously repaired damage
- Free of girdling roots or rootbound/circling container conditions
- Plants of consistent in growth habit and healthy character
- Free of compromising growth conditions such as weak crotch connections, crossed branches, snags and scars
- Point of origin growing location within 100 miles of project site
- Graded, standards, caliper, sizes and stock consistent with *ANSI Z60.1, American Standard for Nursery Stock* most current edition
- Species identified consistent with *Hortus Third: Concise Dictionary of Plants Cultivated in the United States and Canada*, most current edition and *Manual of Woody Plants: Their Identification, Ornamental Characteristics, Culture, Propagation and Uses*, most current edition
- All disturbed areas shall be grass seed unless otherwise identified on landscape plans

B.Trees:

- Deciduous Single Trunk
 - Full, straight and upright with consistent symmetrical natural branching pattern throughout
 - Branching Height-seven (7) feet to lowest branch in two years unless otherwise required by local jurisdiction
- Deciduous Multi-Trunk
 - Full and upright with straight consistent symmetrical natural branching pattern throughout
 - Canes evenly spaced and of similar growth habit
 - Free of suckers and extraneous branching
- Evergreen Single-Trunk
 - Full and upright with continuous symmetrical dense natural habit
 - Clear branching height twelve (12) inches above top of rootball
 - Free of suckers and extraneous branching
 - Do not shear or otherwise prune to shape plantings

C.Evergreen and Deciduous Shrubs

- Full, dense and naturally symmetrical.
- Consistent with container and/or balled and burlapped size
- Free of suckers and extraneous branching
- Do not shear or otherwise prune or shape plantings

D.Evergreen and Deciduous Groundcover

- Full and dense in pots or flats
- Perennials and Seasonal Color
- Full and dense in pots or flats

F. Turf Grass

- Subgrade
 - Soil Mix-10% Compost, 90% topsoil by volume
 - Preparation-loosen subgrade to a minimum depth of four (4) inches. Remove all non-natural materials including litter, stones, sticks and all items greater than ¾ inch in any dimension
 - Preparation-spread soil mix at a depth of four (4) inches continuously to meet grade elevations shown on drawings. Allow for thickness of sod when applicable
- Grass Sod
 - Install not longer than twenty-four (24) hours from harvest
 - Grass bed not less than two (2) inches in continuous thickness
 - 100% continuous live sod coverage after first growing season and at end of warranty period.
 - Of uniform non-varying density and continuous texture quality capable of growth and development immediately upon installation. Weed and noxious plant free
 - Stagger installation rows and place aligned parallel to contours
 - Fill joints solidly with planting bed preparation soil
 - Provide anchor pins at twenty-four (24) inches on center for slopes greater than 4:1
- Grass Seed
 - Mix approved by the Landscape Architect
 - Provide first and new of year seed crops in mix free of weed seeds and deleterious matter
 - Provide seed mix not greater than 15% annual or perennial rye
 - Coverage 85% continuous coverage live stand after first growing season and at end of warranty
 - Replacement or overseeding mixes consistent with original application/installation
 - Provide erosion blankets or other slope retention methods as noted on drawings

II. Materials and Appurtenances

A. Testing

- Materials testing information/certificates/dated labels shall be current to the project and performed/certified not greater than 120 calendar previous days from current date of submittal for review

B. Top Soil

- Neutral Ph balance 5.5 -7.5. Friable and containing 2.0-5.0% organic matter by dry weight. Continuously free of non-soil items such as stones, debris, sticks, trash, and deleterious matter greater than ¾ inch in any direction. Clay content shall not exceed 25%.Gravel content shall not exceed 10%. Silt shall not exceed 25%

C. Use of Existing Topsoil

- Existing topsoil on-site may be repurposed with prior Owner approval. Contractor shall provide soil testing and additive program that demonstrates consistent performance and characteristics and composition as identified herein. Owner shall approve soil testing and soil amendment/additive methods and procedures

D. Shredded Hardwood Mulch

- 100% organic shredded first year hardwood free of deleterious matter, rock, gravel and weed seed. Neutral Ph balance 5.5-7.5

E. Composted Pine Bark Fines

- 100% organic ground pine bark with no particle dimension greater than ¾-inch and no greater than 10% wood content

F. Compost Ph

- Balanced 5.0-8.5 mature, stable and weed free produced by natural aerobic decomposition. Free of visible contaminants and toxic substances. Not greater than 5% sand, silt, clay or rock by dry weight. Consistent with US-EPA CFR Title 40 Part 503 Standards for Class A biosolids

G. Compost Testing

- Prior to delivery on-site, the following items are required for approval by Owner: Feedstock percentage in final compost product; statement that the products meets federal, state and local health safety requirements
- Provide copy of lab analysis less than 120 calendar days old verifying that the product meets described physical requirements; chemical contaminants; Ph; physical contaminants; biological contaminants (including a statement that fecal coliform and salmonella testing and results comply with requirements of the US Composting Council Seal of Testing approval programs

H. Planting Mix

- 85% topsoil and 15% Compost

I. Fertilizer

- Granular 10% nitrogen, 6% Phosphorus, 4% Potassium granular form with 50% Nitrogen in organic form. Product and Material Safety Data as approved by Owner

J. Herbicide

- Product and Material Safety Data as approved by Owner

K. Water

- Potable only unless otherwise approved by Owner

L. Hardwood Stakes

- 2 x 2 x 48 inch square of sound hardwood, painted flat black on all sides

M. Tree Ties

- Villa Non-Abrasive Rubber Tree Ties or approved equal

N. Filter Fabric

- Mirafi 140-N or approved equal

O. Steel Edging

- 1/8-inch x 4-inch in full sections. Ryerson, Timec or approved equal with integral stakes. No open corners. Corners shall be formed and trued to compliant angle or welded closed

P. River Stone

- Locally sourced, river rounded, unfaced river stone/cobbles.
- Size shall not exceed 3 total inches in any dimension.
- Color and texture approved by Owner
- When placed in concrete or mortar setting bed, tamp to secure and brush clear joints.
- Concrete or mortar as approved by owner.

III. Execution

A. Site Conditions

- Inspect site and notify Owner in writing of acceptance with indication that project conditions are acceptable are suitable to proceed with work. Notify Owner of any existing damage and/or other conflicting conditions.
- Do not proceed with work until unsatisfactory conditions have been satisfactorily remedied. Notify Owner of acceptance prior to commencement of work.
- Notify Owner in writing of any conditions that may preclude successful completion of work including items such as coordination with other trades, incomplete work, drainage, soil temperature and/or composition, access to storage/work areas, damage to conditions, etc.
- Notify Owner in writing immediately of any items that may influence work schedule, timing of tasks, materials delivery and/or installation and warranty responsibilities.
- Coordinate and cooperate with other trades working in and adjacent to work areas. Examine drawings of other trades which show development of the entire project and become familiar with the scope of required work by others.

B. Planting Seasons

- Recommended seasons are a general guide based on historical climatic data and typical performance of plantings, and which vary dependent on project-specific environmental conditions. Due to construction schedules, recommended planting seasons may/may not coincide with request(s) for certificate of occupancy for projects. Coordination of planting installation and seasons shall be reviewed with Owner on an individual project basis.

1. Deciduous and Evergreen Trees

- Do not install/plant the following trees between September 15 and March 15
- Oaks (Quercus Sp., Such as Q. rubra, Q. alba, Q. phellos, Q. coccinea)
- Dogwood (Cornus Sp.)
- Sweetgum (Liquidambar Sp.)

4. All Conifers and Evergreens except White Pine (Pinus strobus Sp.)

2. Deciduous and Evergreen Shrubs

- Install/plant between March 15 and June 15 and/or September 15 and November 30
- Perennials
- Install/plant between March 15 and June 15 and/or September 15 and November 30

4. Spring Flowering Bulbs

- Install/plant between September 15 and December 15

5. Seasonal Annuals

- Install/plant in season per approved schedule

6. Turf Grass

- Do not install/plant between March 15 and May 15 and/or September 15 and November 30
- Do not install/plant seed or sod turf grass areas when ambient air temperature is below forty (40) degrees Fahrenheit, or forecast for a twelve (12) hour period after completion of work

7. No Plant Installation

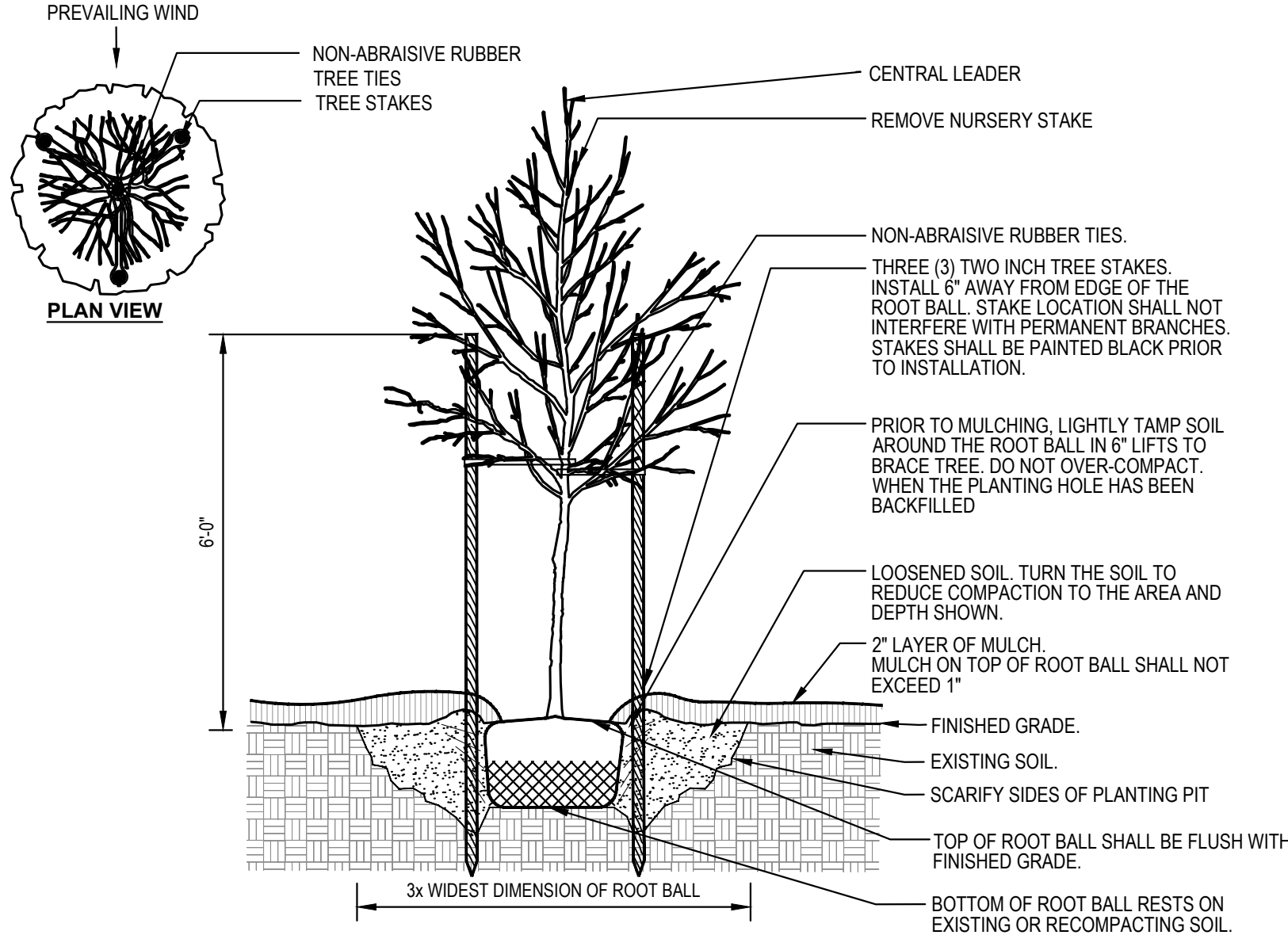
- Do not install plantings or turf grass between June 15 and September 15, without approval by Owner

C. Positioning & Location of Plantings

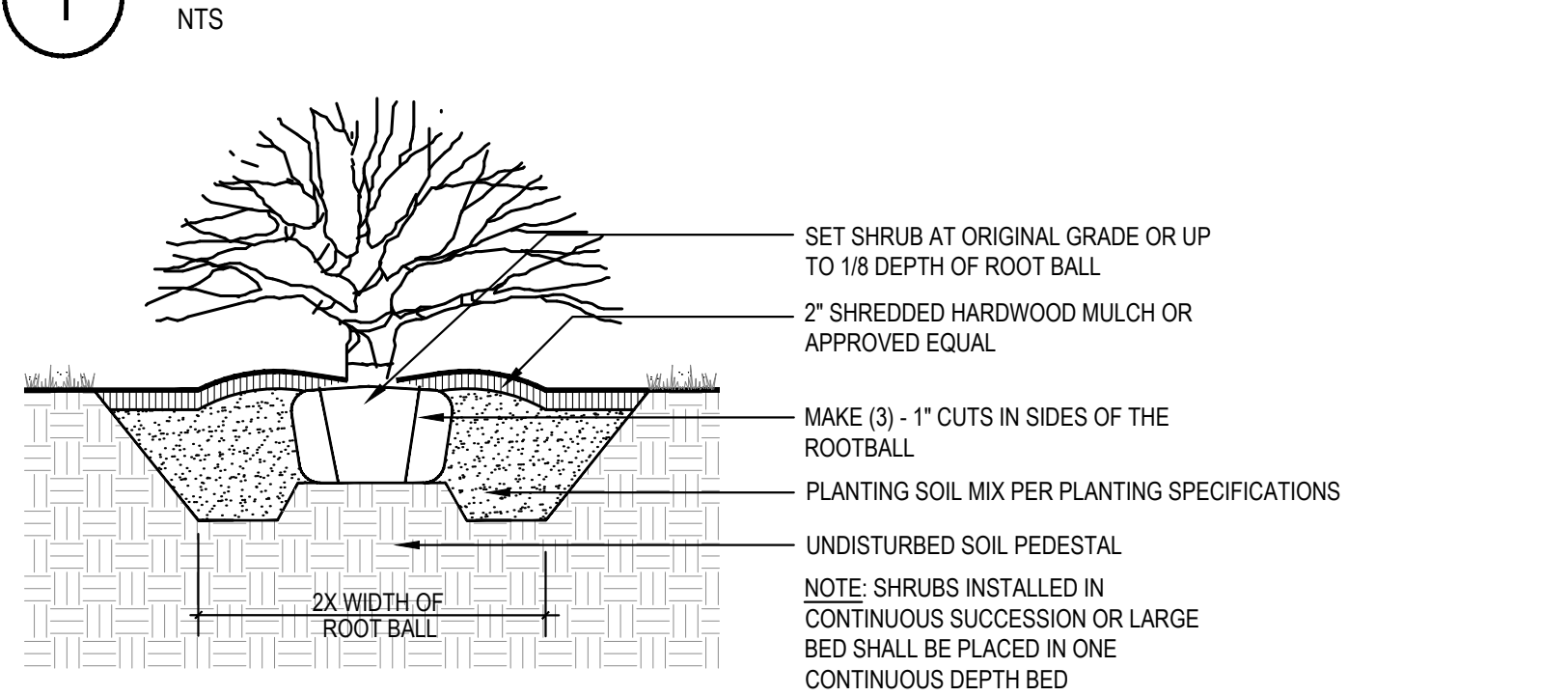
- Position plants to show the most-prominent and well-formed face to most-public view
- Field locate plants and location/spacing/dimension of planting beds on project site prior to beginning installation
- Verify location of individual plants and plant beds prior to beginning installation. Do not proceed without Owner approval
- Implementation
 - Pursue work continuously without delay or interruption until completion unless notified otherwise by Owner
 - Provide project submittals ahead of commencement of work. Landscape Architect requires a minimum of ten (10) working days from date of receipt for review of submittals and response to Owner and Contractor. Plan accordingly for procurement of materials
 - Continuously update implementation schedule and notify Owner of progress. Delays related to material availability are not cause for non-completion of scheduled delivery of work
 - Report delays due to weather or site conditions immediately upon finding. Provide recommendation for remedy of schedule delays. Do not work, place or modify frozen soil
 - Report delays due to extraordinary natural or other conditions beyond control of Contractor

E. Clean Up

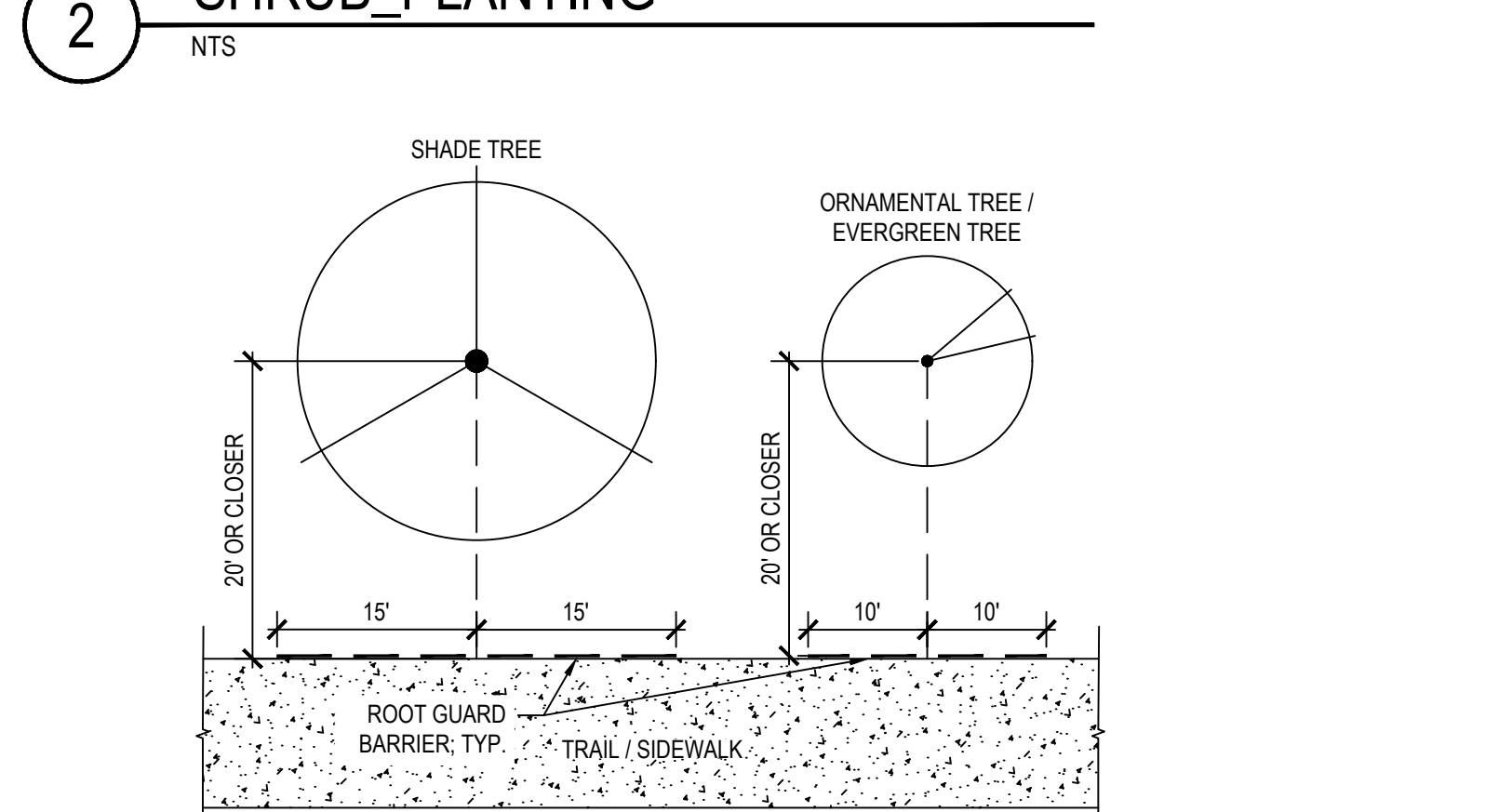
- Remove trash, debris and work materials from site prior to request for substantial completion. Thoroughly clean surfaces impacted by work including building, parking areas, roadways, sidewalks, signs, lights, site furnishings, etc.
- Repair any damage to existing conditions that occurred during execution of work.
- All clean-up and demobilization procedures shall be performed to satisfaction of the Owner and Landscape Architect.



1 DECIDUOUS_TREE_PLANTING NTS



2 SHRUB_PLANTING NTS



3 PLAN_VIEW NTS

PLANT SCHEDULE							
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	REMARKS
LARGE SHADE TREES							
	BI	3	Betula nigra 'Dura-Heat'	Dura-Heat River Birch	B & B	2.5' - 3" Cal	12 Gallons of Water Per Pit
	LD	1	Liquidambar styraciflua 'Rotundifolia'	Rotundifolia Frutless Sweetgum	B & B	2.5' - 3" Cal	12 Gallons of Water Per Pit
	NS	4	Nyssa sylvatica	Black Gum	B & B	2.5' - 3" Cal	12 Gallons of Water Per Pit
	QC	8	Quercus coccinea	Scarlet Oak	B & B	2.5' - 3" Cal	12 Gallons of Water Per Pit
	QP	2	Quercus phellos	Willow Oak	B & B	2.5' - 3" Cal	12 Gallons of Water Per Pit
ORNAMENTAL TREES							
	CF	11	Cercis canadensis 'Forest Pansy'	Forest Pansy Eastern Redbud	B & B	2"-2.5" Cal.	6 Gallons of Water Per Pit
	CV	4	Chionanthus virginicus	White Fringetree	B & B	2"-2.5" Cal	6 Gallons of Water Per Pit
	CR	5	Cornus x 'Rutcan'	Constellation® Flowering Dogwood	B & B	2"-2.5" Cal.	6 Gallons of Water Per Pit
	MS	13	Magnolia kobus stellata 'Royal Star'	Royal Star Magnolia	B & B	2"-2.5" Cal	6 Gallons of Water Per Pit
EVERGREEN TREES							
	ML	18	Magnolia grandiflora 'Little Gem'	Little Gem Dwarf Southern Magnolia	B & B	7'-8" HT	8 Gallons of Water Per Pit
SYMBOL CODE QTY BOTANICAL NAME COMMON NAME CONT SPACING REMARKS							
SHRUBS							
	CH	21	Clethra alnifolia 'Hummingbird'	Hummingbird Summersweet	#3	18-24" HT.	2 Gallons of Water Per Pit
	HF	134	Hypericum frondosum 'Sunburst'	Sunburst St. John's Wort	#3		2 Gallons of Water Per Pit
	IS3	22	Ilex glabra 'Shamrock'	Shamrock Inkberry Holly	#3	24" HT MIN.	2 Gallons of Water Per Pit
	IR	24	Ilex verticillata 'Red Sprite'	Red Sprite Winterberry	#3	18-24" HT.	2 Gallons of Water Per Pit
	PM	60	Pycnanthemum muticum	Blunt Mountainmint	1 GAL.	SEE PLAN	2 Gallons of Water Per Pit
SYMBOL CODE QTY BOTANICAL NAME COMMON NAME CONT PLANTING HEIGHT REMARKS							
SHRUB AREAS							
	SOD	944 sf	-----	SOD	-		
	XI	11,767 sf	-----	Existing Tree Line to Remain	-		
	EL	2,337 sf		Existing Landscape Area	1 GAL.		Existing ditch/landscape area. All invasive or noxious weeds to be removed.
SYMBOL CODE QTY BOTANICAL NAME COMMON NAME CONT SPACING REMARKS							
GROUND COVERS							
	MC	275	Muhlenbergia capillaris	Pink Cloud Muhly Grass	1 GAL.	24" O.C.	2 Gallons of Water Per Pit
	NT	159	Nassella tenuissima	Mexican Feather Grass	1 GAL.	24" O.C.	2 Gallons of Water Per Pit
	NW	269	Nepeta x 'Walker's Low'	Walker's Low Catmint	1 GAL.	18" O.C.	2 Gallons of Water Per Pit
	PS	467	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	1 GAL.	18" O.C.	2 Gallons of Water Per Pit
	PRM	3,210 sf		Rail Planting Mix	-		SEE DETAIL 118(3) FOR SPECIFICATIONS. QUANTITIES MAY VARY BASED ON FIELD CONDITIONS.
	RG	36	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	1 GAL.	36" O.C.	2 Gallons of Water Per Pit
	SS	163	Schizachyrium scoparium 'The Blues'	The Blues Little Bluestem	1 GAL.	24" O.C.	2 Gallons of Water Per Pit
PERENNIAL MIX 635 sf							
		35	Ammonia ciliata / Fringed Bluestar		20% @ 24" oc		
		87	Echinacea purpurea / Coneflower		30% @ 18" oc		
		43	Monarda fistulosa / Bergamot		15% @ 18" oc		
		104	Rubuskeia hirta / Black-eyed Susan		35% @ 18" oc		

PERENNIAL MIX

- Ammonia ciliata / Fringed Bluestar 35 20% @ 24" oc
- Echinacea purpurea / Coneflower 87 30% @ 18" oc
- Monarda fistulosa / Bergamot 43 15% @ 18" oc
- Rubuskeia hirta / Black-eyed Susan 104 35% @ 18" oc

WATERING SCHEDULE

refer to "REMARKS" column in the Plant List on this sheet.

- DURING THE ESTABLISHMENT PERIOD THE CONTRACTOR SHALL WATER EACH PLANT WITH THE FOLLOWING MINIMUM QUANTITIES OF WATER FOR EACH WATERING, UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT.

- (A) Deciduous Trees over 10' Height - 12 gallons per pit
- (B) Deciduous Trees at 10' Height or less - 6 gallons per pit
- (C) Evergreen Trees - 8 gallons per pit
- (D) Shrubs over 18" Height - 2 gallons per pit
- (E) Shrubs under 18" - 1 gallon per pit

- THE CONTRACTOR SHALL WATER ALL LIVING PLANTS EVERY OTHER WEEK DURING THE PERIOD BETWEEN APRIL 1 AND MAY 31; EVERY WEEK DURING THE PERIOD BETWEEN JUNE 1 AND SEPTEMBER 30; AND EVERY OTHER WEEK DURING THE PERIOD BETWEEN OCTOBER 1 AND NOVEMBER 30. FOR CONTRACTOR'S BIDDING PURPOSES, THIS ASSUMES A TOTAL OF 28 TIMES PER YEAR.

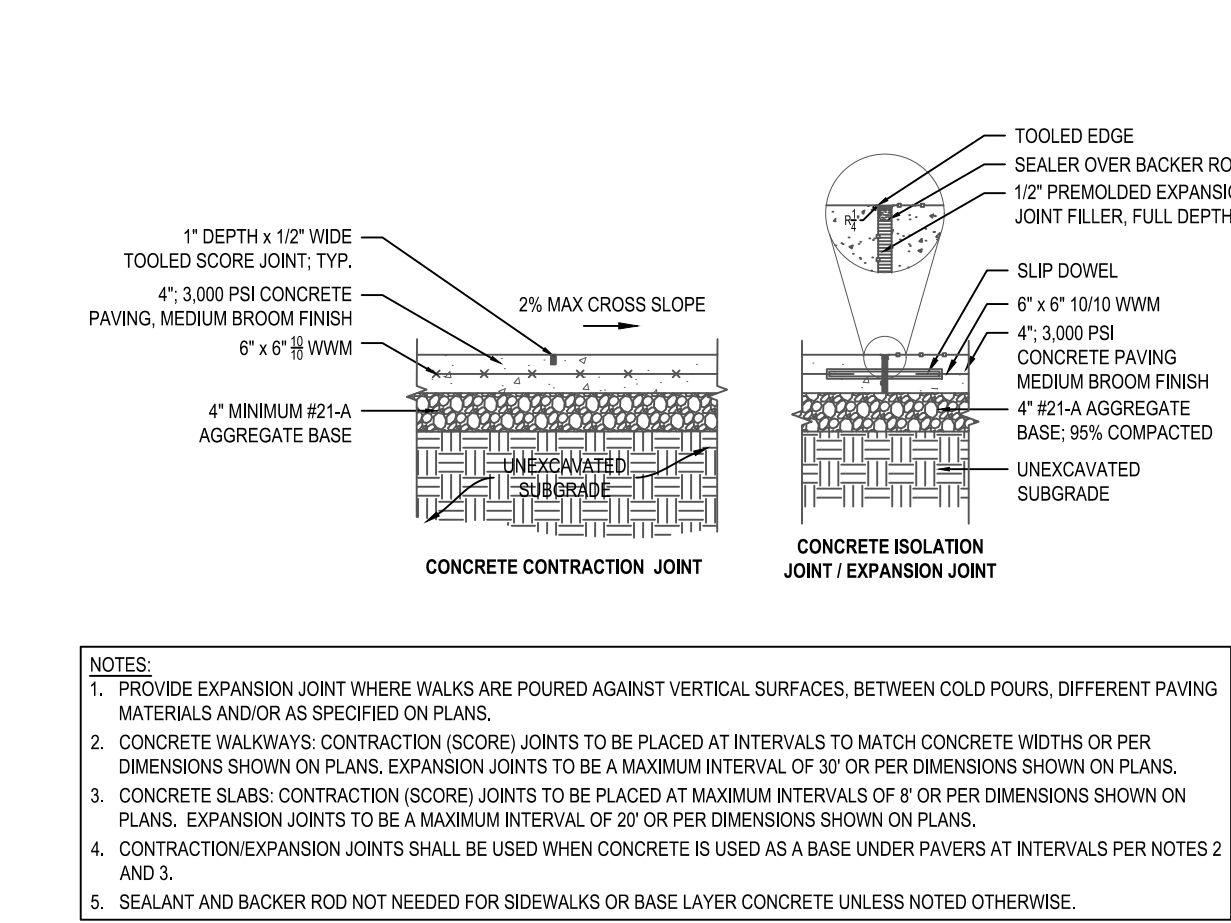
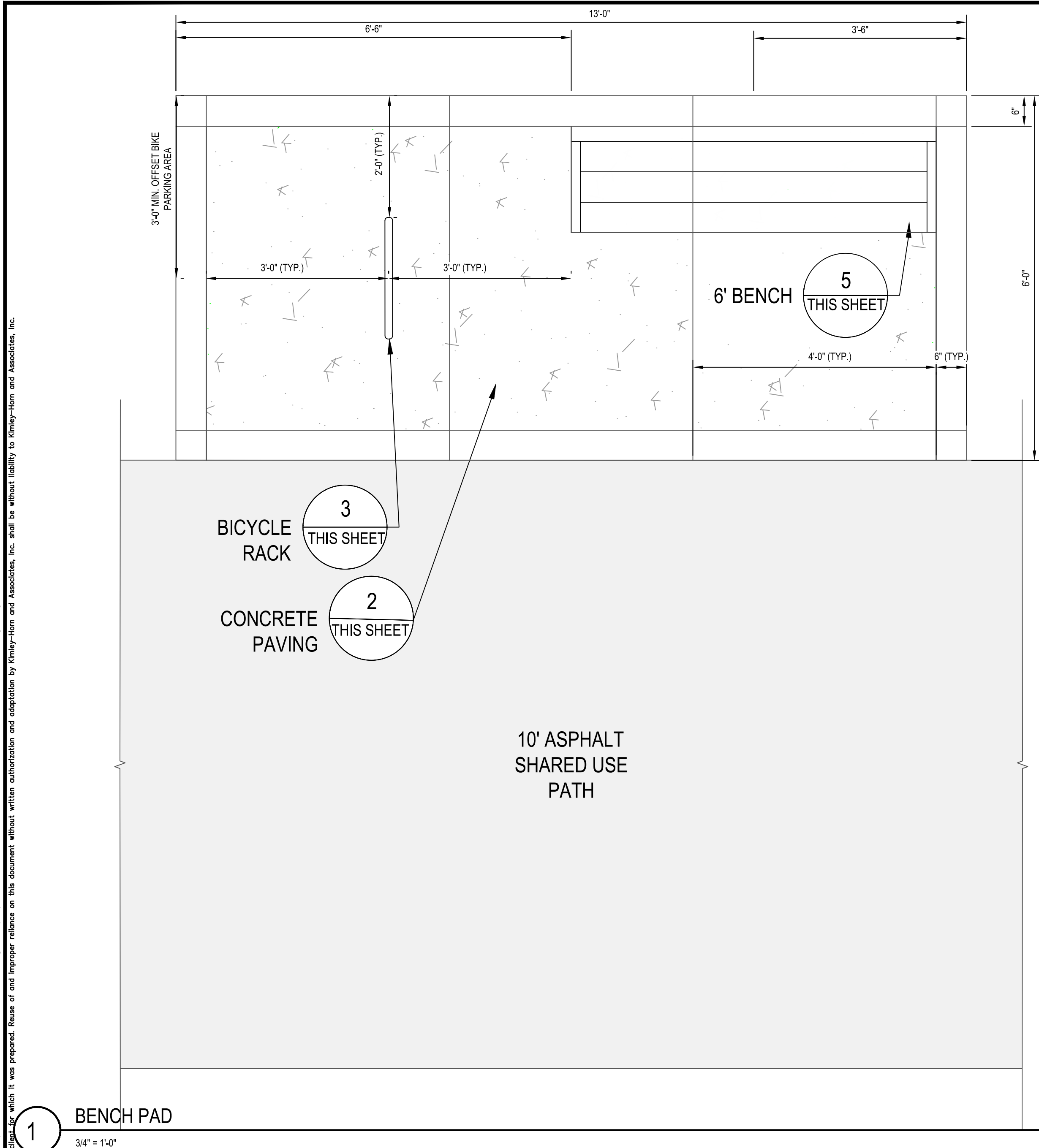
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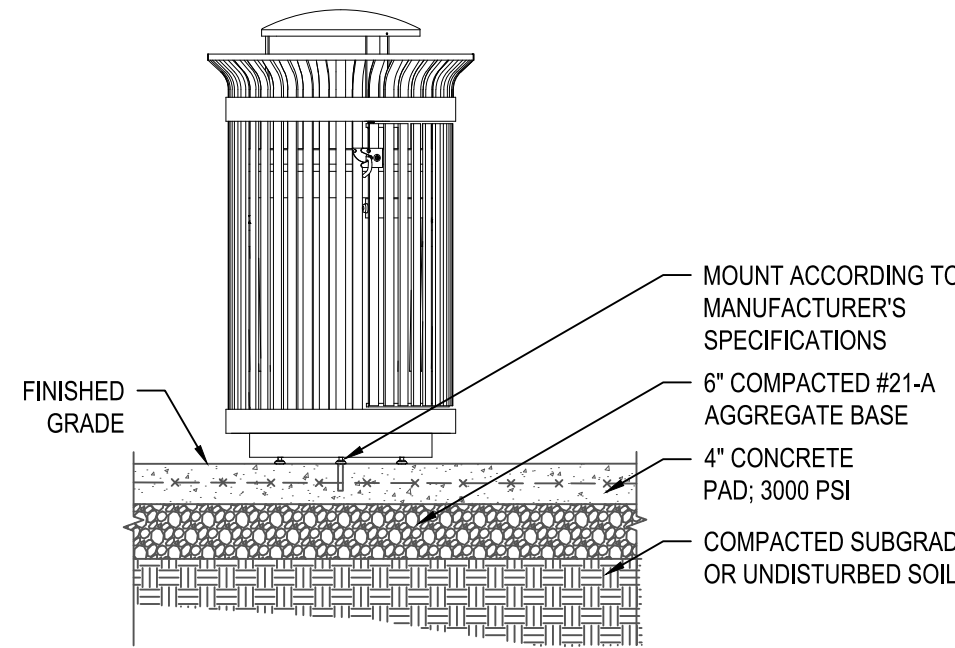
Drawing name: K:\RVC\PROJECTS\113457_RIC_ON_CALL\015_SUN Shared Use Path\3 Project Data\CADD\Sheets\LANDSCAPE NOTES AND DETAILS.dwg 8(2A) LANDSCAPE DETAILS Nov 24, 2025 11:05am by: Alyssa Baird
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2 CONCRETE PAVING

NTS

BASIS OF DESIGN:
VICTOR STANLEY SD-42 TRASH RECEPTACLE
MOUNT: STANDARD SURFACE MOUNT
COLOR: BLACK
SOURCE: www.victorstanley.com
(SEE LOCATION ON PLAN)



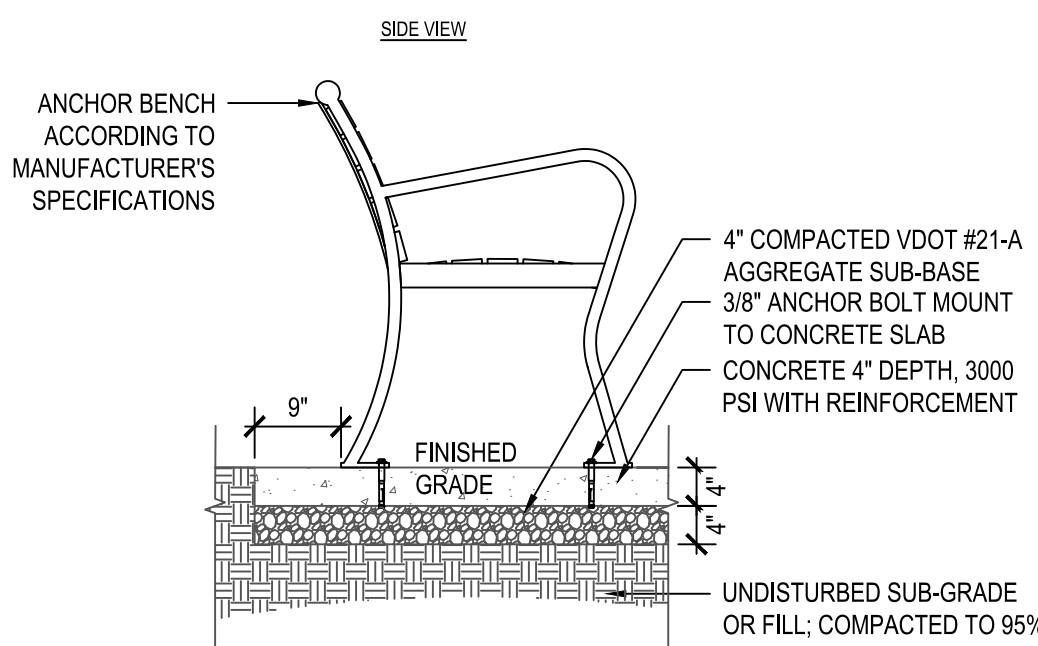
4 TRASH RECEPTACLE

NTS

3 BIKE RACK

NTS

BASIS OF DESIGN:
VICTOR STANLEY PRS-10 BENCH
LENGTH: 6'
FRAME COLOR: BLACK
SLAT COLOR: MAPLE
SLAT TYPE: RECYCLED PLASTIC
SOURCE: www.victorstanley.com



5 6' BENCH

NTS

6 ADA PICNIC TABLE

NTS



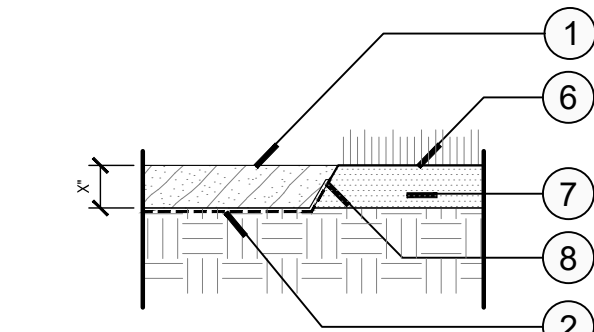
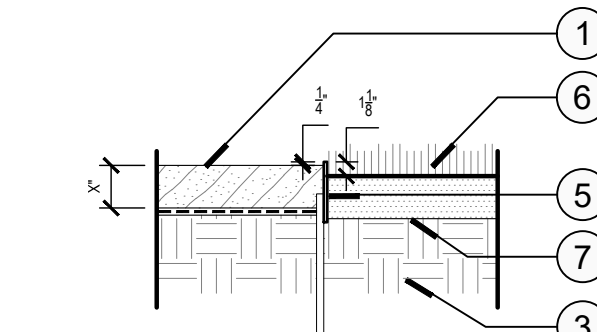
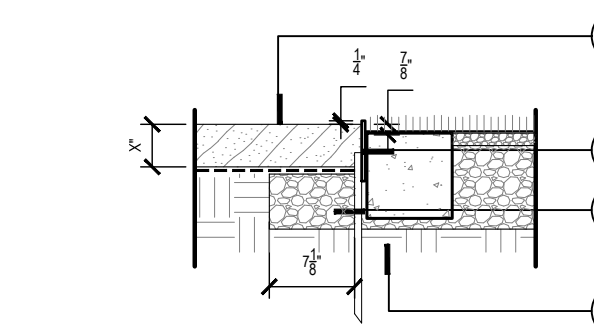
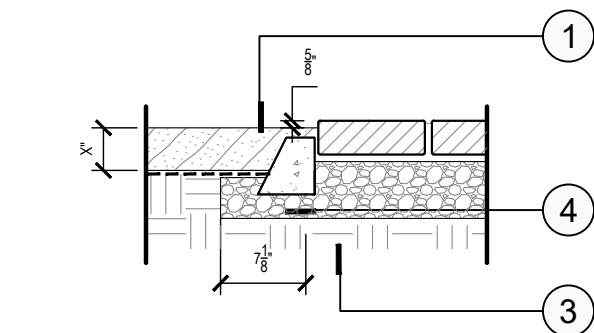
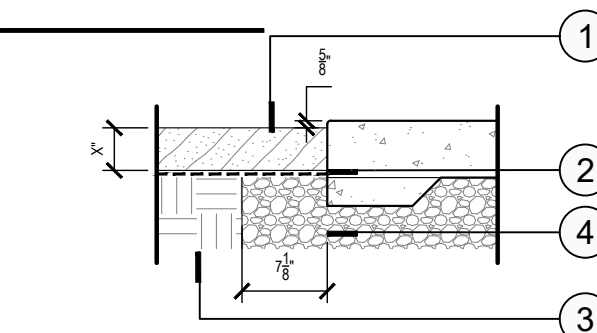
BASIS OF DESIGN:
ANOVA T1038R ADA PICNIC TABLE
LENGTH: 8'
SLAT COLOR: BIRCHWOOD
FRAME COLOR: SAGE
SOURCE: WWW.ANOVAFURNISHINGS.COM

NOTES:

- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- CONTRACTOR IS REQUIRED TO SUBMIT PRODUCT DATA FOR REVIEW AND APPROVAL PRIOR TO ORDERING.

REFERENCE NOTES SCHEDULE

SYMBOL	CODE	DESCRIPTION	QTY	DETAIL
PAVING				
	P-01	CONCRETE SIDEWALK - PEDESTRIAN	158 sf	
	P-01B	6" CONCRETE CURB	19 sf	
	P-02	STONE DUST	471 sf	7/9(2)
	P-04	STEEL EDGING	65 lf	
SITE FURNISHINGS				
	SF-101	ADA PICNIC TABLE	2	6/9(2)
	SF-102	TRASH RECEPTACLE	3	4/9(2)
	SF-103	PICNIC TABLE - Existing to be Reused	5	
	SF-104	BENCH + PAD	2	1/9(2)



1. STONE DUST¹ REFER TO LANDSCAPE PLAN FOR ADJACENT CONDITION.
2. GEOTEXTILE FILTER FABRIC.
3. COMPACTED SUBGRADE TO 98% MOD. PROCTOR, T-180
4. EXTEND ADJACENT HARDSCAPE SUB BASE 6" TO 8" UNDER FILTER FABRIC
5. LANDSCAPE EDGING¹
6. ADJACENT LAWN OR LANDSCAPE BED TOP OF MULCH. REFER TO LANDSCAPE PLANS.
7. AMENDED SOILS, AS NEEDED, PER LANDSCAPE SPECIFICATION.
8. FILTER FABRIC TO BE UPTURNED. BETWEEN SOIL AND AGGREGATE. FABRIC EDGE SHOULD NOT BE VISIBLE AT FINAL CONDITION.

7 STONE DUST

3/4" = 1'-0"

1. ENSURE THE AGGREGATE SURFACE IS COMPACTED AND LEVEL TO PROVIDE A STABLE AND COMFORTABLE AREA. PER ASTM F 1951-14. PROVIDE HIGH-QUALITY MATERIALS CONSISTING OF SOUND, ANGULAR, DURABLE STONE PARTICLES, FREE FROM CLAY LUMPS, ORGANIC MATERIALS, FROZEN MATERIALS, OR OTHER DELETERIOUS SUBSTANCES OF WELL-GRADED MATERIALS IN ACCORDANCE WITH ASTM C136. BLENDS OF COARSE SAND AND ROCK DUST ARE NOT ACCEPTABLE. INSTALL APPROPRIATE ADA-COMPLIANT TRANSITIONS FROM THE RAILS TO THE AGGREGATE SURFACE, ENSURING THAT ALL TRANSITION POINTS DO NOT EXCEED A 1/4" VERTICAL CHANGE AND ARE SMOOTH AND FREE OF TRIPPING HAZARDS. AREA SHALL BE REGULARLY INSPECTED TO ENSURE THAT THE SURFACE REMAINS EVEN AND TRANSITIONS ARE KEPT IN GOOD CONDITION.

RW PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Mayfield Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-675-5982



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
LANDSCAPE DETAILS

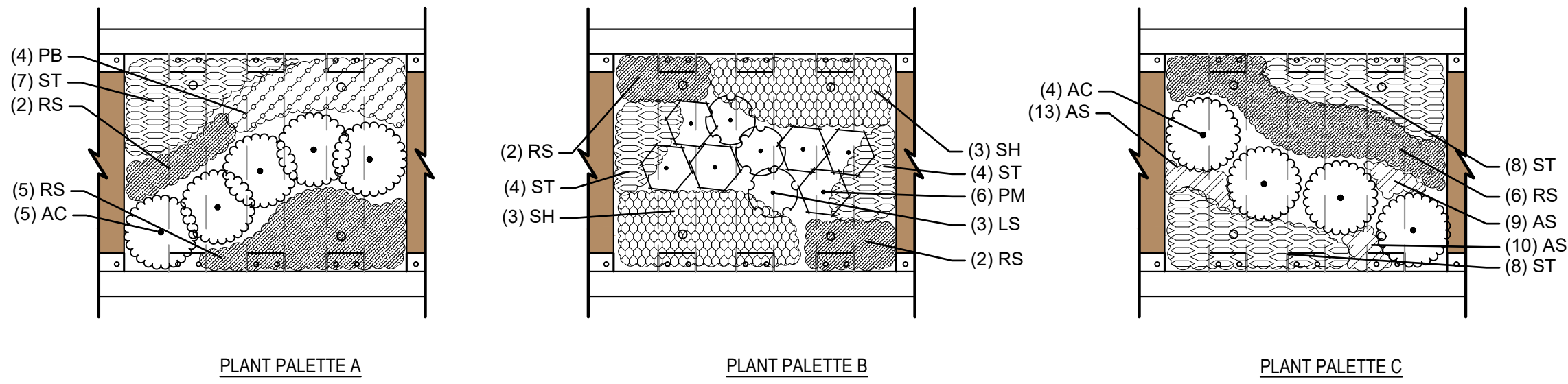
AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY: JBO	DATE: 11/21/2025	SHEET: 8(2A)	DRAWING NO: X-XXXXX
CHECKED BY: AMB				

VDOT PROJECT NO.:

Drawing name: K:\RICHMOND\113457_RIC_01_SNV Shared Use Path\3 Project Data\CADD Sheets\LANDSCAPE NOTES AND DETAILS.dwg 8(2B) LANDSCAPE DETAILS Nov 24, 2025 11:05am by: Alysa Baird
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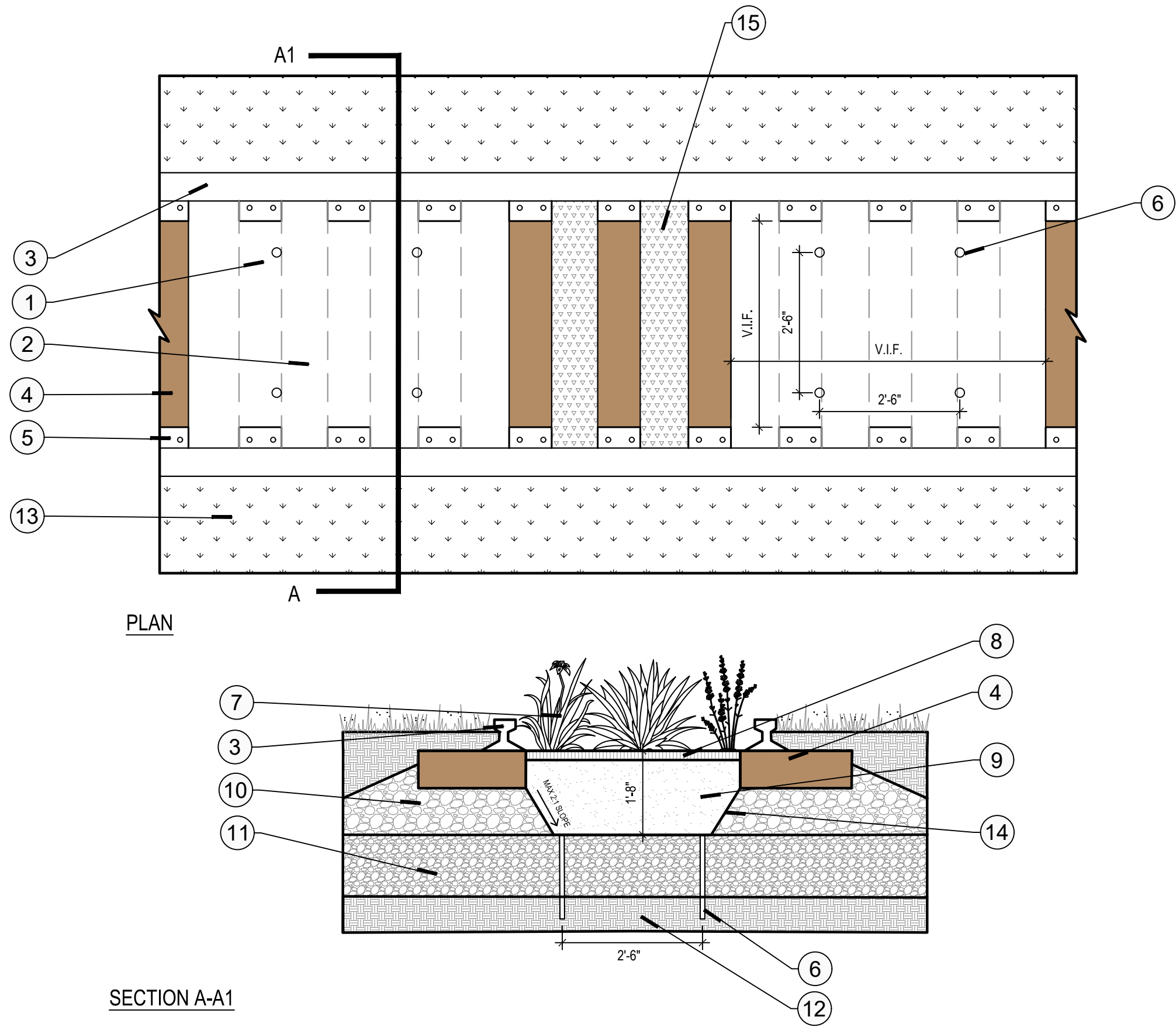


PLANT SCHEDULE						
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	PLANTING HEIGHT
SHRUBS						
AC	9	Amsonia ciliata	Fringed Bluestar	1 GAL.	SEE PLAN	12" HT. MIN.
LS	3	Liatris squarrosa	Scaly Blazing Star	1 GAL.	SEE PLAN	12" HT. MIN.
PM	6	Pycnanthemum multicum	Blunt Mountainmint	1 GAL.	SEE PLAN	12" HT. MIN.
GROUND COVERS						
AS	32	Allium sphaerocephalon	Drumstick Allium	Bulb	3" O.C.	
PB	4	Phlox carolina	Thickleaf Phlox	1 GAL.	12" O.C.	
RS	17	Rudbeckia fulgida 'Little Goldstar'	Little Goldstar Coneflower	1 GAL.	12" O.C.	
ST	31	Sedum ternatum	Wild Stonecrop	1 QT.	9" O.C.	
SH	6	Sporobolus heterolepis	Prairie Dropseed	1 GAL.	18" O.C.	
						REMARKS
						2 Gallons of Water Per Pit
						2 Gallons of Water Per Pit
						2 Gallons of Water Per Pit
						2 Gallons of Water Per Pit
						2 Gallons of Water Per Pit
						2 Gallons of Water Per Pit

- NOTES:
- REFER TO SHEET 8(1) FOR PLANTING SPECIFICATIONS
 - PLANT PALETTES ARE TO BE DIVIDED EQUALLY AMONGST THE RAIL EXCAVATED PLANTING AREAS.

1 RAIL PLANTING

3/8" = 1'-0"



- NOTES:
- TOPSOIL WILL BE NEUTRAL PH BALANCE 5.5 - 7.5, FRIABLE AND CONTAINING 2.0-5.0% ORGANIC MATTER BY DRY WEIGHT. CONTINUOUSLY FREE OF NON-SOIL ITEMS SUCH AS STONES, DEBRIS, STICKS, TRASH, AND DELETERIOUS MATTER GREATER THAN 1/4 INCH IN ANY DIRECTION. CLAY CONTENT SHALL NOT EXCEED 25%. GRAVEL CONTENT SHALL NOT EXCEED 10%. SILT SHALL NOT EXCEED 25%.
 - CLEAR AND REMOVE 3 INCHES EXISTING WEEDS AND REPLACE WITH CRUSHED GRANITE STONE BETWEEN REMAINING RAILROAD TIES.

- REMOVE 3 WOOD TIES, TYP.
- EXCAVATE AND REMEDIATE SOIL IN AREA BENEATH REMOVED BALLAST WITH 18" OF TOPSOIL (SEE NOTE 1)
- EXISTING RAIL TO REMAIN (DISTANCE BETWEEN TOP OF RAIL AND GROUND ELEVATION TO BE FIELD VERIFIED)
- EXISTING RAILROAD TIE TO REMAIN
- EXISTING PLATES TO REMAIN TO REMAIN
- DRAINAGE HOLES TO BE PROVIDED EVERY 30" IN A GRID PATTERN AND PROVIDE 1.5" PVC
- PLANTED AREA
- 2" SHREDDED HARDWOOD MULCH
- 18" OF TOPSOIL
- EXISTING APPROX. ≥ 6" SUB-BALLAST UNDER WOOD TIE
- EXISTING COMPACTED SUB BALLAST
- COMPACTED SUBGRADE
- EXISTING LAWN AREA
- MIRAFI 140N GEOTEXTILE FABRIC OR APPROVED EQUAL
- CRUSHED GRANITE STONE OR APPROVED EQUAL (SEE NOTE 2)

2 RAIL ENLARGEMENT A

1/2" = 1'-0"

RW PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywell Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
LANDSCAPE DETAILS

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

9999-127-064, P101, RW201, CS01

DESIGN BY: AMB
DRAWN BY: SOD
CHECKED BY: AMB

REVIEWED BY: JHO

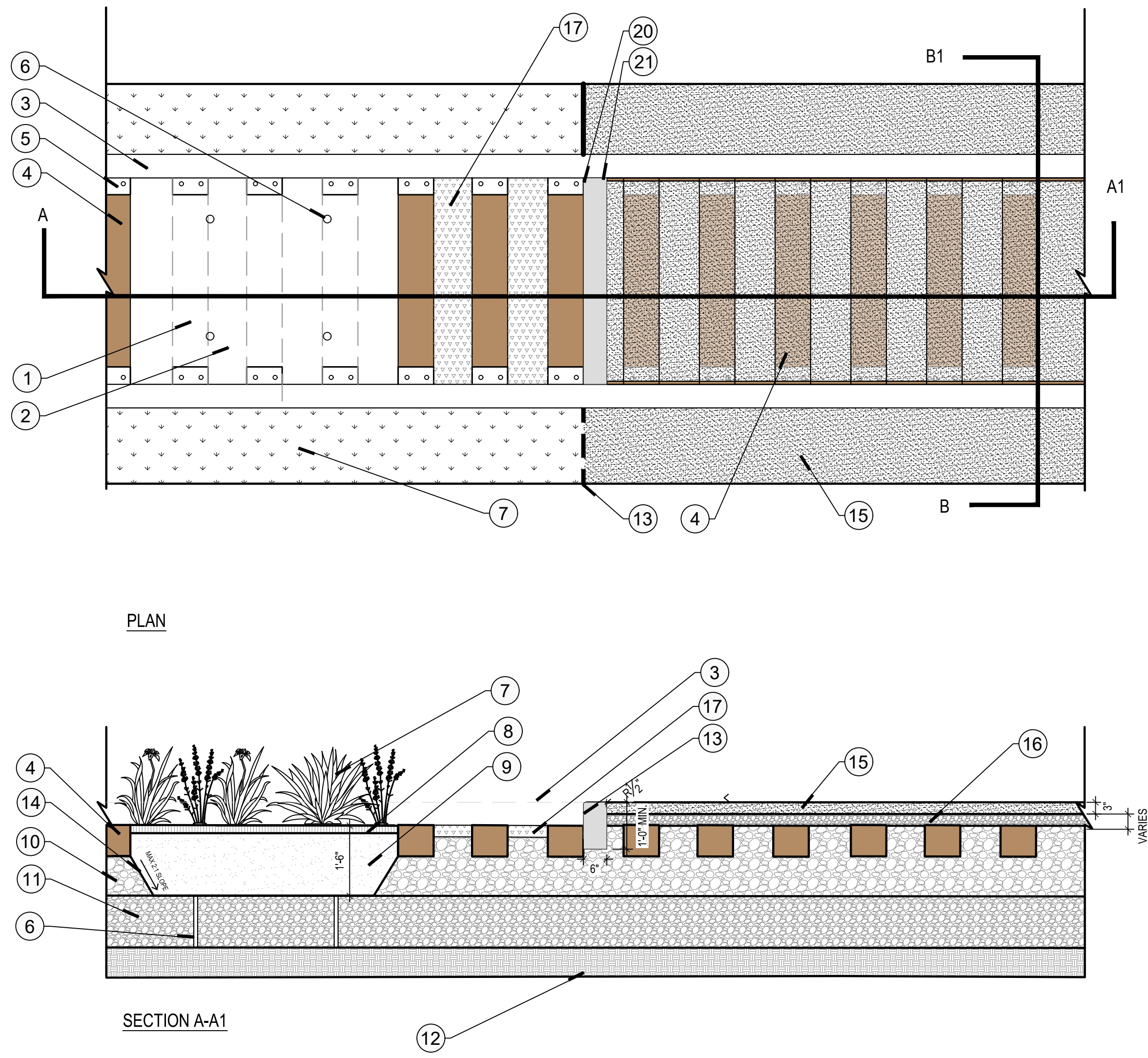
DATE: 11/21/2025

SHEET: 8(2B)

DRAWING NO. X-XXXXX

VDOT PROJECT NO.:

Drawing name: K:\RCD-TP\01113457_RCD-01\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\LANDSCAPE NOTES AND DETAILS.dwg 8(2C) LANDSCAPE DETAILS Nov 24, 2025 11:05am by: Alysa Baird
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- 1 REMOVE WOOD TIES FROM PROPOSED PAVED & PLANTED AREAS
- 2 EXCAVATE AND REMEDIATE SOIL IN AREA BENEATH REMOVED BALLAST WITH 18" OF TOPSOIL (SEE NOTE 1)
- 3 EXISTING RAIL TO REMAIN (TYP.)
- 4 EXISTING RAILROAD TIE TO REMAIN (TYP.)
- 5 EXISTING PLATES TO REMAIN TO REMAIN (TYP.)
- 6 DRAINAGE HOLES TO BE PROVIDED EVERY 30" IN A GRID PATTERN AND PROVIDE 1.5" PVC
- 7 ADJACENT LANDSCAPE AREA
- 8 2" SHREDDED HARDWOOD MULCH
- 9 18" OF TOPSOIL
- 10 EXISTING SUB-BALLAST UNDER WOOD TIE
- 11 EXISTING COMPACTED SUB BALLAST
- 12 COMPACTED SUBGRADE
- 13 STEEL EDGING
- 14 MIRAFI 140N GEOTEXTILE FABRIC OR APPROVED EQUAL
- 15 COMPACTED STABILIZED STONE DUST (SEE NOTE 3)
- 16 COMPACTED VDOT 21A BASE
- 17 CRUSHED GRANITE STONE OR APPROVED EQUAL (SEE NOTE 2)
- 18 TRAIL SURFACE (SEE ROADWAY TYPICAL SECTIONS)
- 20 6" CONCRETE CURB FLUSH WITH TOP OF RAIL
- 21 EXPANSION JOINT

- NOTES:
1. TOPSOIL WILL BE NEUTRAL PH BALANCE 5.5-7.5, FRIABLE AND CONTAINING 2.0-5.0% ORGANIC MATTER BY DRY WEIGHT. CONTINUOUSLY FREE OF NON-SOIL ITEMS SUCH AS STONES, DEBRIS, STICKS, TRASH, AND DELETERIOUS MATTER GREATER THAN 3/4 INCH IN ANY DIRECTION. CLAY CONTENT SHALL NOT EXCEED 25%. GRAVEL CONTENT SHALL NOT EXCEED 10%. SILT SHALL NOT EXCEED 25%.
 2. CLEAR AND REMOVE 3 INCHES EXISTING WEEDS AND REPLACE WITH CRUSHED GRANITE STONE BETWEEN REMAINING RAILROAD TIES.
 3. ENSURE THE AGGREGATE SURFACE IS COMPACTED AND LEVEL TO PROVIDE A STABLE AND COMFORTABLE AREA, PER ASTM F 1951-14. PROVIDE HIGH-QUALITY MATERIALS CONSISTING OF SOUND, ANGULAR, DURABLE STONE PARTICLES, FREE FROM CLAY LUMPS, ORGANIC MATERIALS, FROZEN MATERIALS, OR OTHER DELETERIOUS SUBSTANCES OF WELL-GRADED MATERIALS IN ACCORDANCE WITH ASTM C136. BLENDS OF COARSE SAND AND ROCK DUST ARE NOT ACCEPTABLE. INSTALL APPROPRIATE ADA-COMPLIANT TRANSITIONS FROM THE RAILS TO THE AGGREGATE SURFACE, ENSURING THAT ALL TRANSITION POINTS DO NOT EXCEED A 1/4" VERTICAL CHANGE AND ARE SMOOTH AND FREE OF TRIPPING HAZARDS. AREA SHALL BE REGULARLY INSPECTED TO ENSURE THAT THE SURFACE REMAINS EVEN AND TRANSITIONS ARE KEPT IN GOOD CONDITION.

1 RAIL ENLARGEMENT B

1/2" = 1'-0"

RW PLANS

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OF CONSTRUCTION

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywell Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
LANDSCAPE DETAILS

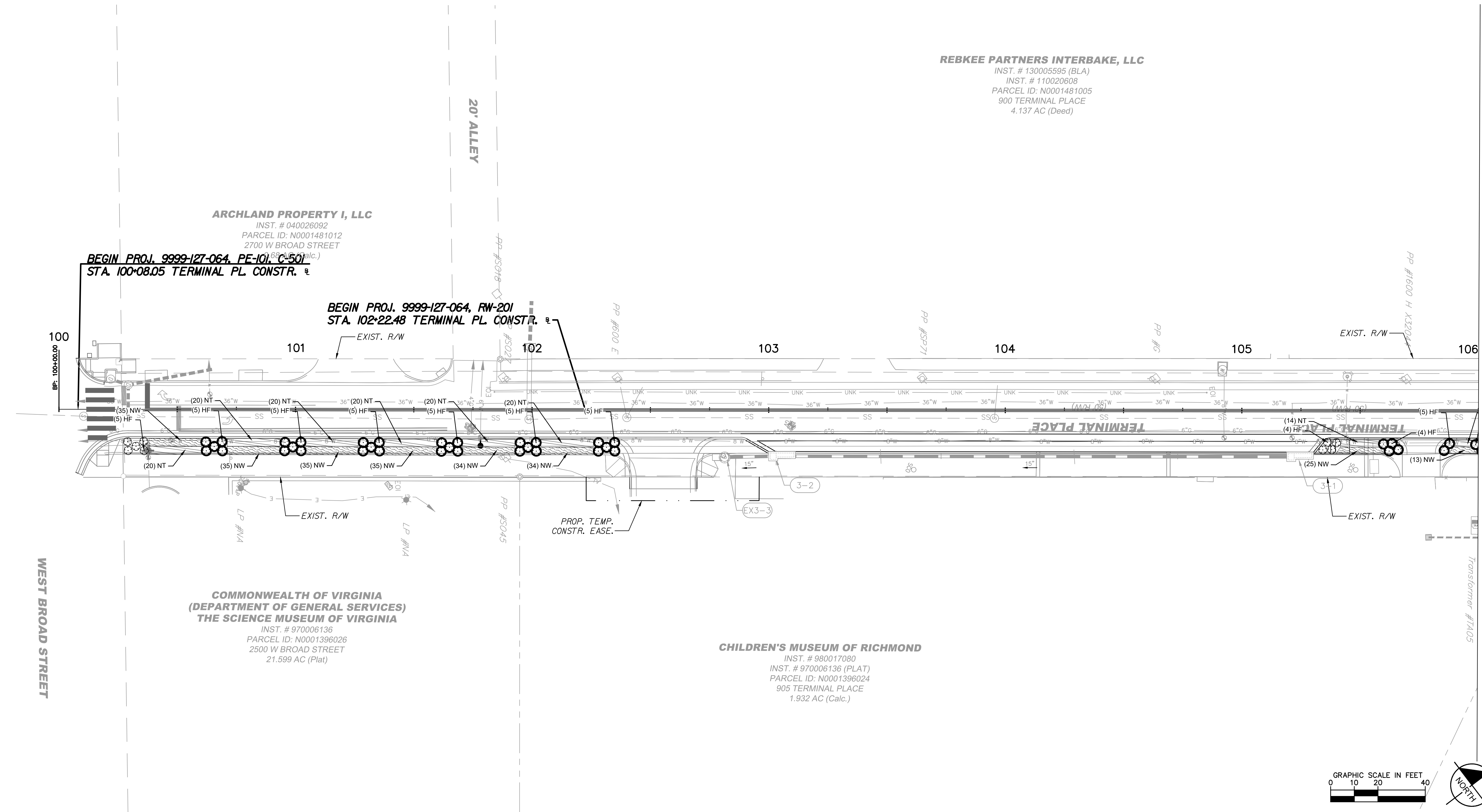
AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

9999-127-064, P101, RW201, CS01

VDOT PROJECT NO.:

DESIGN BY:	AMB	REVIEWED BY:	JBO	DATE	11/21/2025	SHEET	8(2C)	DRAWING NO.	X-XXXXX
DRAWN BY:	SOD	CHECKED BY:	AMB						

Drawing name: K:\RVC\PROJECTS\113457_RIC_01\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\LANDSCAPE PLAN.dwg 8(3) LANDSCAPE PLAN Nov 24, 2025 1:53pm by: Alysa Baird
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REBKEE PARTNERS INTERBAKE, LLC
INST. # 130005595 (BLA)
INST. # 110020608
PARCEL ID: N0001481005
900 TERMINAL PLACE
4.137 AC (Deed)

ARCHLAND PROPERTY I, LLC
INST. # 040026092
PARCEL ID: N0001481012
2700 W BROAD STREET
1.932 AC (Calc.)

BEGIN PROJ. 9999-127-064, PE-101, C-501
STA. 100+08.05 TERMINAL PL. CONSTR.

BEGIN PROJ. 9999-127-064, RW-201
STA. 102+22.48 TERMINAL PL. CONSTR.

**COMMONWEALTH OF VIRGINIA
(DEPARTMENT OF GENERAL SERVICES)
THE SCIENCE MUSEUM OF VIRGINIA**
INST. # 970006136
PARCEL ID: N0001396026
2500 W BROAD STREET
21.599 AC (Plat)

CHILDREN'S MUSEUM OF RICHMOND
INST. # 980017080
INST. # 970006136 (PLAT)
PARCEL ID: N0001396024
905 TERMINAL PLACE
1.932 AC (Calc.)

PLANT KEY

SYMBOL	CODE	COMMON NAME
--------	------	-------------

LARGE SHADE TREES

	NS	Black Gum
	BI	Dura-Heat River Birch
	LD	Rotundiloba Fruitless Sweetgum

	QC	Scarlet Oak
	QP	Willow Oak

ORNAMENTAL TREES

	CR	Constellation® Flowering Dogwood
	CF	Forest Pansy Eastern Redbud

	MS	Royal Star Magnolia
	CV	White Fringetree

EVERGREEN TREES

	ML	Little Gem Dwarf Southern Magnolia
--	----	------------------------------------

SHRUBS

	PM	Blunt Mountainmint
	CH	Hummingbird Summersweet
	IR	Red Sprite Winterberry
	IS3	Shamrock Inkberry Holly
	HF	Sunburst St. John's Wort

	EL	Existing Landscape Area
	XI	Existing Tree Line to Remain
	SOD	SOD

GROUND COVERS

	RG	Gro-Low Fragrant Sumac
	NT	Mexican Feather Grass
	MC	Pink Cloud Muhly Grass
	SH	Prairie Dropseed
	RPM	Rail Planting Mix

	PS	Shenandoah Switch Grass
	SS	The Blues Little Bluestem
	NW	Walker's Low Catmint

PERENNIAL MIX

Amsonia ciliata / Fringed Bluestar
Echinacea purpurea / Coneflower
Monarda fistulosa / Bergamot
Rudbeckia hirta / Black-eyed Susan

RW PLANS

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No.	REVISIONS	DATE	BY

LEGEND	
	PROPOSED PAVEMENT
	PROPOSED CONCRETE
	MILL AND OVERLAY/BUILD UP
	DEMOLITION OF FLEXIBLE PAVEMENT
	PROPOSED PERVIOUS AREA

	DENOTES CONSTRUCTION LIMITS IN CUTS
	ADA PICNIC TABLE
	PICNIC TABLE
	BENCH
	DECOMPOSED GRANITE
	TRASH RECEPTACLE
	STEEL EDGING

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywell Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



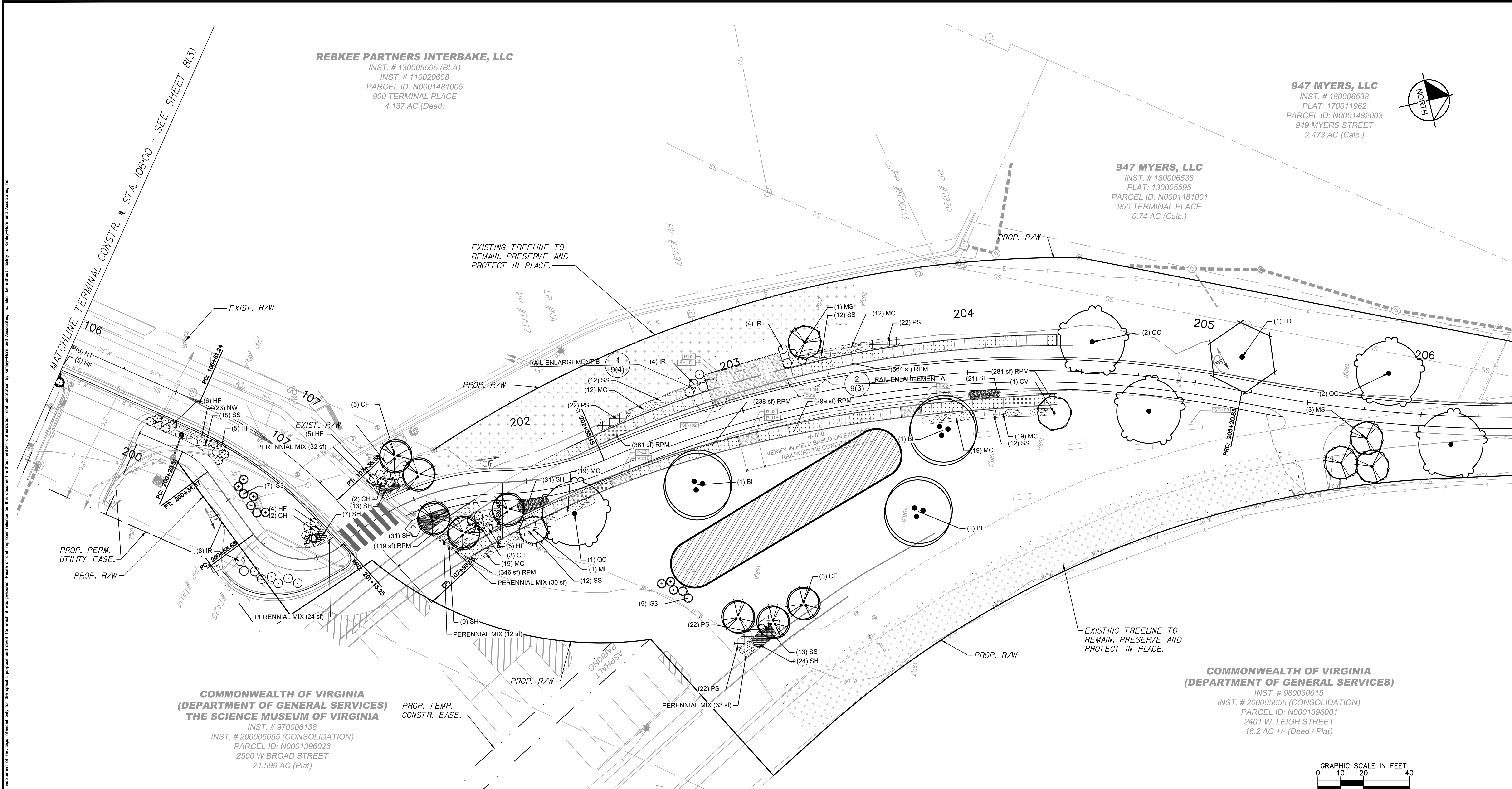
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
LANDSCAPE PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

DESIGN BY: AMB	REVIEWED BY: JHO	SCALE:	DATE: 11/21/2025	SHEET: 8(3)	DRAWING NO.: X-XXXXX
DRAWN BY: SOD	CHECKED BY: AMB				

MATCHLINE TERMINAL CONSTR. STA. 106+00 - SEE SHEET 8(4)

Drawing name: K:\RVC\PROJECTS\113457_RIC\On_Call\015_SNV Shared Use Path\3 Project Data\CADD Sheets\LANDSCAPE PLAN.dwg 8(4) LANDSCAPE PLAN Nov 24, 2025 1:54pm by: Alysa Baird
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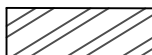
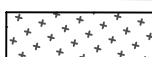
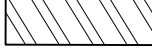


PLANT KEY		
SYMBOL	CODE	COMMON NAME
LARGE SHADE TREES		
	NS	Black Gum
	BI	Dura-Heat River Birch
	LD	Rotundiloba Fruitless Sweetgum

	QC	Scarlet Oak
	QP	Willow Oak
ORNAMENTAL TREES		
	CR	Constellation® Flowering Dogwood
	CF	Forest Pansy Eastern Redbud

	MS	Royal Star Magnolia
	CV	White Fringetree
EVERGREEN TREES		
	ML	Little Gem Dwarf Southern Magnolia

SHRUBS		
	PM	Blunt Mountainmint
	CH	Hummingbird Summersweet
	IR	Red Sprite Winterberry
	IS3	Shamrock Inkberry Holly
	HF	Sunburst St. John's Wort

	EL	Existing Landscape Area
	XI	Existing Tree Line to Remain
	SOD	SOD
<u>GROUND COVERS</u>		
	RG	Gro-Low Fragrant Sumac
	NT	Mexican Feather Grass
	MC	Pink Cloud Muhly Grass
	SH	Prairie Dropseed
	RPM	Rail Planting Mix

	PS	Shenandoah Switch Grass
	SS	The Blues Little Bluestem
	NW	Walker's Low Catmint
PERENNIAL MIX		Amsonia ciliata / Fringed Bluestar Echinacea purpurea / Coneflower Monarda fistulosa / Bergamot Rudbeckia hirta / Black-eyed Susan

RW PLANS

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REVISIONS			
No.	REVISIONS	DATE	BY

	PROPOSED PAVEMENT
	PROPOSED CONCRETE
	MILL AND OVERLAY/BUILD UP
	DEMOLITION OF FLEXIBLE PAVEMENT
	PROPOSED PERVIOUS AREA
	STEEL EDGING
	ADA PICNIC TABLE
	PICNIC TABLE
	BENCH
	DECOMPOSED GRANITE
	TRASH RECEPTACLE

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Mayfield Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882

ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
LANDSCAPE PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS
DESIGN BY: AMB
DRAWN BY: SOD
CHECKED BY: AMB
REVIEWED BY: JBO
SCALE: 1/2"=1'-0"
DATE: 11/21/2025
SHEET: 8(4)
DRAWING NO.: X-XXXXX

VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01

Drawing name: K:\RVC\TRV\113457_RIC_On_Call\015_SW Shared Use Path\3 Project Data\CADD\Sheets\LANDSCAPE PLAN.dwg 8(5) LANDSCAPE PLAN Nov 24, 2025 11:10am by Alysa.Baird
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MATCHLINE PATH CONSTR. STA. 206+50 - SEE SHEET 8(4)

947 MYERS, LLC
INST. # 180006538
PLAT: 170011962
PARCEL ID: N0001482003
949 MYERS STREET
2.473 AC (Calc.)

TRP MYERS, LLC
INST. # 210029896
PARCEL ID: N0001482005
953 MYERS STREET
1.082 AC (Calc.)

TRP MYERS, LLC
INST. # 210029896
PARCEL ID: N0001482006
957 MYERS STREET
1.116 AC (Calc.)

947 MYERS, LLC
INST. # 180006538
PLAT: 130005595
PARCEL ID: N0001481001
950 TERMINAL PLACE
0.74 AC (Calc.)

JAMES RIVER PETROLEUM, INC
INST. # 120009551 (MERGER)
D.B. 407 PG. 1699
D.B. 386, PG. 1136 (PLAT)
PARCEL ID: N0001396022
2730 W. LEIGH STREET
0.747 AC (Calc.)

**COMMONWEALTH OF VIRGINIA
(DEPARTMENT OF GENERAL SERVICES)
THE SCIENCE MUSEUM OF VIRGINIA**
INST. # 970006136
INST. # 200005655 (CONSOLIDATION)
PARCEL ID: N0001396026
2500 W BROAD STREET
21.599 AC (Plat)

**COMMONWEALTH OF VIRGINIA
(DEPARTMENT OF GENERAL SERVICES)**
INST. # 980030615
INST. # 200005655 (CONSOLIDATION)
PARCEL ID: N0001396001
2401 W. LEIGH STREET
16.2 AC +/- (Deed / Plat)

BTP BOULEVARD SQUARE, LLC
INST. # 090001452 (DEDICATION)
INST. # 060026927
INST. # 060026927
P.B. 43, PG. 84
INST. # 060025815 CONSTR. EASE.
P.B. 43, PG. 3
INST. # 060037406
D.B. 386, PG. 1136 (L&E)
PARCEL ID: N0001396028
1001 MYERS STREET
10.725 AC (Calc.)

G S WEST LEIGH OWNER, LLC
PARCEL ID: N0001396029
2700 W. LEIGH STREET

SYMBOL	CODE	COMMON NAME
LARGE SHADE TREES		
	NS	Black Gum
	BI	Dura-Heat River Birch
	LD	Rotundiloba Fruitless Sweetgum

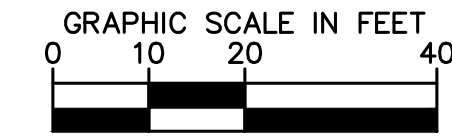
	QC	Scarlet Oak
	QP	Willow Oak
ORNAMENTAL TREES		
	CR	Constellation® Flowering Dogwood
	CF	Forest Pansy Eastern Redbud

	MS	Royal Star Magnolia
	CV	White Fringetree
EVERGREEN TREES		
	ML	Little Gem Dwarf Southern Magnolia

SHRUBS		
	PM	Blunt Mountainmint
	CH	Hummingbird Summersweet
	IR	Red Sprite Winterberry
	IS3	Shamrock Inkberry Holly
	HF	Sunburst St. John's Wort

	EL	Existing Landscape Area
	XI	Existing Tree Line to Remain
	SOD	SOD
GROUND COVERS		
	RG	Gro-Low Fragrant Sumac
	NT	Mexican Feather Grass
	MC	Pink Cloud Muhly Grass
	SH	Prairie Dropseed
	RPM	Rail Planting Mix

	PS	Shenandoah Switch Grass
	SS	The Blues Little Bluestem
	NW	Walker's Low Catmint
PERENNIAL MIX		
Amsonia ciliata / Fringed Bluestar		
Echinacea purpurea / Coneflower		
Monarda fistulosa / Bergamot		
Rudbeckia hirta / Black-eyed Susan		



RW PLANS

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No.	REVISIONS	DATE	BY

LEGEND	
	PROPOSED PAVEMENT
	PROPOSED CONCRETE
	MILL AND OVERLAY/BUILD UP
	DEMOLITION OF FLEXIBLE PAVEMENT
	PROPOSED PERVIOUS AREA

	DENOTES CONSTRUCTION LIMITS IN CUTS
	STEEL EDGING
	ADA PICNIC TABLE
	PICNIC TABLE
	BENCH
	DECOMPOSED GRANITE
	TRASH RECEPTACLE

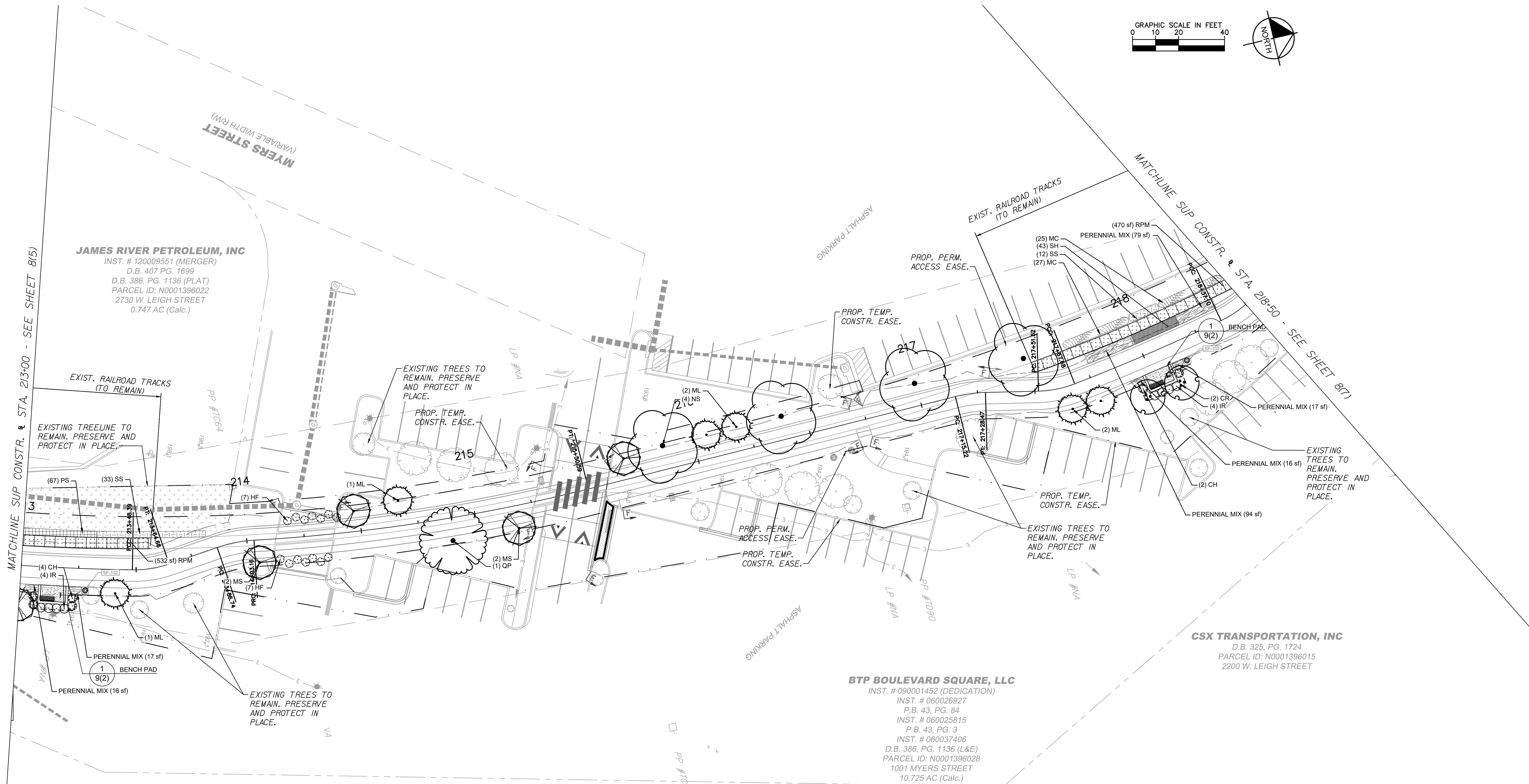
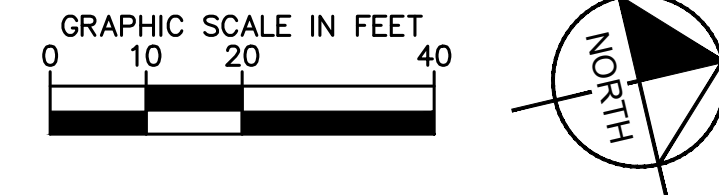
Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Mayfield Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-675-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION SHARED USE PATH LANDSCAPE PLAN									
AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS									
DESIGN BY:	AMB	REVIEWED BY:	JBO	SCALE:	DATE:	SHEET:	8(5)	DRAWING NO.:	X-XXXXX
DRAWN BY:	SOD	CHECKED BY:	AMB		11/21/2025				
VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01									

MATCHLINE PATH CONSTR. STA. 213+00 - SEE SHEET 8(6)

Drawing name: K:\RVC\TPO\113457_RIC_01\015_SWP Shared Use Path\3 Project Data\CAD Sheets\LANDSCAPE PLAN.dwg 8(6) LANDSCAPE PLAN Nov 24, 2025 11:10am by Alysa Bird
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PLANT KEY

SYMBOL CODE COMMON NAME

LARGE SHADE TREES

NS	Black Gum
BI	Dura-Heat River Birch
LD	Rotundiloba Fruitless Sweetgum

QC	Scarlet Oak
QP	Willow Oak

ORNAMENTAL TREES

CR	Constellation® Flowering Dogwood
CF	Forest Pansy Eastern Redbud

MS	Royal Star Magnolia
CV	White Fringetree

EVERGREEN TREES

ML	Little Gem Dwarf Southern Magnolia
----	------------------------------------

SHRUBS

PM	Blunt Mountainmint
CH	Hummingbird Summersweet
IR	Red Sprite Winterberry
IS3	Shamrock Inkberry Holly
HF	Sunburst St. John's Wort

EL	Existing Landscape Area
XI	Existing Tree Line to Remain
SOD	SOD

GROUND COVERS

RG	Gro-Low Fragrant Sumac
NT	Mexican Feather Grass
MC	Pink Cloud Muhly Grass
SH	Prairie Dropseed
RPM	Rail Planting Mix

PS	Shenandoah Switch Grass
SS	The Blues Little Bluestem
NW	Walker's Low Catmint

PERENNIAL MIX
Amsonia ciliata / Fringed Bluestar
Echinacea purpurea / Coneflower
Monarda fistulosa / Bergamot
Rudbeckia hirta / Black-eyed Susan

RW PLANS

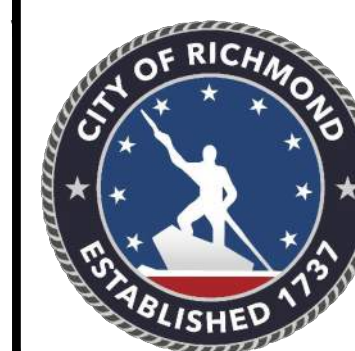
THESE PLANS ARE UNFINISHED
AND UNAPPROVED AND ARE NOT
TO BE USED FOR ANY TYPE
OF CONSTRUCTION

No.	REVISIONS	DATE	BY

	PROPOSED PAVEMENT
	PROPOSED CONCRETE
	MILL AND OVERLAY/BUILD UP
	DEMOLITION OF FLEXIBLE PAVEMENT
	PROPOSED PERVIOUS AREA

	DENOTES CONSTRUCTION LIMITS IN CUTS
	ADA PICNIC TABLE
	PICNIC TABLE
	BENCH
	DECOMPOSED GRANITE
	TRASH RECEPTACLE
	STEEL EDGING

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Mayfield Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-675-5882

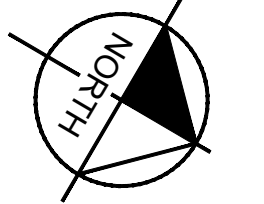
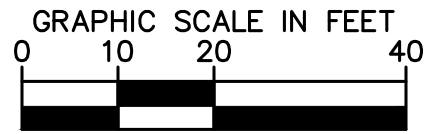


ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
LANDSCAPE PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				9999-127-064, P101, RW201, C501			
DESIGN BY:	AMB	REVIEWED BY:	JBO	SCALE:	DATE:	SHEET:	DRAWING NO.:
DRAWN BY:	SOD				11/21/2025	8(6)	X-XXXXX
CHECKED BY:	AMB						

Kimley-Horn and Associates, Inc.
Richmond, Virginia
LANDSCAPE ARCHITECT

Drawing name: K:\RVC\PROJECTS\113457_RIC_Civil\015_SNV Shared Use Path\3 Project Data\CADD Sheets\LANDSCAPE PLAN.dwg Nov 24, 2025 11:11am by: Alysa Bird
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BTP BOULEVARD SQUARE, LLC

INST. # 090001452 (DEDICATION)
INST. # 060026927
P.B. 43, PG. 84
INST. # 060025815
P.B. 43, PG. 3
INST. # 060037406
D.B. 386, PG. 1136 (L&E)
PARCEL ID: N0001396028
1001 MYERS STREET
10.725 AC (Calc.)

END PROJ. 9999-127-064, PE-101, C-501
STA. 224+76.91 SHARED USE PATH CONSTR.

END PROJ. 9999-127-064, RW-201
STA. 224+19.90 SHARED USE PATH CONSTR.

CSX TRANSPORTATION, INC

D.B. 325, PG. 1724
PARCEL ID: N0001396015
2200 W. LEIGH STREET

PLANT KEY

SYMBOL CODE COMMON NAME

LARGE SHADE TREES

NS	Black Gum
BI	Dura-Heat River Birch
LD	Rotundiloba Fruitless Sweetgum

QC	Scarlet Oak
QP	Willow Oak

ORNAMENTAL TREES

CR	Constellation® Flowering Dogwood
CF	Forest Pansy Eastern Redbud

MS	Royal Star Magnolia
CV	White Fringetree

EVERGREEN TREES

ML	Little Gem Dwarf Southern Magnolia
----	------------------------------------

SHRUBS

PM	Blunt Mountainmint
CH	Hummingbird Summersweet
IR	Red Sprite Winterberry
IS3	Shamrock Inkberry Holly
HF	Sunburst St. John's Wort

EL	Existing Landscape Area
XI	Existing Tree Line to Remain
SOD	SOD

GROUND COVERS

RG	Gro-Low Fragrant Sumac
NT	Mexican Feather Grass
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SH	Prairie Dropseed
RPM	Rail Planting Mix

PS	Shenandoah Switch Grass
SS	The Blues Little Bluestem
NW	Walker's Low Catmint

PERENNIAL MIX

Amsonia ciliata / Fringed Bluestar
Echinacea purpurea / Coneflower
Monarda fistulosa / Bergamot
Rudbeckia hirta / Black-eyed Susan

RW PLANS

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TO BE USED FOR ANY TYPE
OF CONSTRUCTION

Kimley-Horn and Associates, Inc.
Richmond, Virginia
LANDSCAPE ARCHITECT

LEGEND

	PROPOSED PAVEMENT
	PROPOSED CONCRETE
	MILL AND OVERLAY/BUILD UP
	DEMOLITION OF FLEXIBLE PAVEMENT
	PROPOSED PERVIOUS AREA

	DENOTES CONSTRUCTION LIMITS IN CUTS	--- STEEL EDGING
	ADA PICNIC TABLE	
	PICNIC TABLE	
	BENCH	
	DECOMPOSED GRANITE	
	TRASH RECEPTACLE	

Kimley»Horn

Kimley-Horn and Associates, Inc.
2035 Mayfield Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
LANDSCAPE PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY: JHO	SCALE:	DATE: 11/21/2025	SHEET: 8(7)	DRAWING NO.: X-XXXXX
DRAWN BY: SOD	CHECKED BY: AMB				

VDOT PROJECT NO.:

Drawing name: K:\RICHMOND\113457_RIC_OH_Call\015_Sign\Shared Use Path\3 Project Data\CADD\Sheets\SIGNING AND PAVEMENT MARKING INDEX AND NOTES Nov 21, 2025 5:49pm by: Stephen Dupont
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INDEX OF SHEETS

<u>SHEET NO.:</u>	<u>SHEET DESCRIPTION:</u>
9(1)	INDEX OF SHEETS, GENERAL NOTES, & LEGEND
9(2)	SIGNING SCHEDULE
9(3) THRU 9(7)	SIGNING AND PAVEMENT MARKING PLANS

GENERAL NOTES – SIGNING

- ALL SIGNS SHALL BE ORIENTATED AS SHOWN ON THE PLANS.
- SIGN COLOR COMBINATIONS SHALL BE IN ACCORDANCE WITH THE FHWA SHS BOOK AND THE 2011 VIRGINIA SHS BOOK OR AS NOTED IN THE PLANS.
- ALL POSITIVE CONTRAST GUIDE AND SPECIFIC SERVICE SIGNS SHALL UTILIZE FABRICATION LETTER TYPE L-3 OR L-4 UNLESS OTHERWISE NOTED IN THE REMARKS OF THE SIGN SCHEDULE SHEET 9(2). ALL OTHER SIGNS SHALL UTILIZE FABRICATION LETTER TYPE L-1 OR L-2 UNLESS OTHERWISE NOTED IN THE REMARKS.
- ALL BLACK SHEETING SHALL BE NON-REFLECTIVE.
- SIGN POSTS SHALL BE 1 3/4" INCH SQUARE, PERFORATED, WELDED STEEL TUBING, FOURTEEN (14) GAUGE, WITH 1/2" KNOCKOUTS 1/4" INCH ON CENTER, HOT-DIPPED GALVANIZED TELESAR QUICK-PUNCH OR EQUAL WITH FACTORY APPLIED BLACK FINISH.
- ALL SIGN BACKS SHALL BE FINISHED BY THE FABRICATOR BLACK ON THE REVERSE SIDE VERSUS STANDARD GALVANIZED FINISH.

GENERAL NOTES – PAVEMENT MARKING

- ALL STD. PAVEMENT MARKING DETAILS CAN BE FOUND IN THE VDOT ROAD AND BRIDGE STANDARDS.
- THE PAVEMENT MARKING PLAN SHALL BE INSTALLED BY THE CONTRACTOR AFTER THE FINAL PAVEMENT OVERLAY.
- ALL MARKINGS SHALL BE TYPE B, CLASS 1 UNLESS SPECIFIED DIFFERENTLY.
- ANY CONFLICTING EXISTING MARKINGS SHALL BE REMOVED BY THE CONTRACTOR ACCORDING TO THE VDOT ROAD AND BRIDGE SPECIFICATIONS.
- SEE SHEETS 2A-2B FOR LOCATION OF STD. RS-3 RUMBLE STRIP.

PAVEMENT MARKING LEGEND

- Ⓐ TYPE B, CLASS 1, WHITE, 4" WIDTH
- Ⓑ TYPE B, CLASS 1, WHITE, 4" WIDTH, 2' LINE WITH 6' SPACING
- Ⓒ TYPE B, CLASS 1, DOUBLE YELLOW, 4" WIDTH WITH 7" SPACE BETWEEN LINES
- Ⓓ TYPE B, CLASS 1, WHITE, 24" WIDTH
- Ⓔ TYPE B, CLASS 1, YELLOW, 4" WIDTH
- Ⓕ TYPE A, CLASS 1, YELLOW, 4" WIDTH
- Ⓖ TYPE A, CLASS 1, YELLOW, 4" WIDTH, 3' LINE WITH 9' SPACING
- ↷ TYPE B, CLASS 1, SINGLE TURN ARROW
- 🚲 TYPE B, CLASS 1, BIKE SYMBOL
- ⚡ TYPE B CLASS 1, SPEED TABLE SYMBOL

STANDARD SIGN LEGEND

PLAN ITEM	PLAN SYMBOL	
	PROPOSED	EXISTING
Single Post Sign Support		
Double Post Sign Support		
Triple Post Sign Support		
Flashing Beacon		
O/H Cantilever Sign Support		
O/H Span Sign Support		
SIGN CALL-OUTS		
Existing Sign to Remain or to be Relocated		
Existing Sign to be Removed		
Proposed Sign Panel		

SIGN LABELS	
Proposed Sign Assemblies	Relocated Sign Assemblies
denotes Sign Assembly No.	denotes Sign Assembly No.
denotes Text No.	denotes Text No.
Sign Relocation or Payable Sign Disposal/Salvage	
	denotes Existing Sign Structure and/or Sign Panel Type
STRUCTURE & SIGN PANEL GM - Ground Mounted OM - Overhead Mounted CM - Cantilever Mounted	SIGN PANEL SP-GM - Ground Mounted Sign Panel SP-OH - Overhead Mounted Sign Panel
STRUCTURE ONLY ST-GM - Ground Mounted	
denotes Action and Measurement & Payment Item A - Remove & Dispose B - Remove & Salvage C - Relocate D - Overlay Sign Panel	
Signs noted on plans to be removed that do not have an accompanying sign label shall not be measured separately for payment. Removal and disposal for such signs shall be incidental to other contract items.	

RW PLANS

THESE PLANS ARE UNFINISHED
AND UNAPPROVED AND ARE NOT
TO BE USED FOR ANY TYPE
OF CONSTRUCTION

Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywell Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3662



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
SIGNING AND PAVEMENT MARKING INDEX AND NOTES

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

9999-127-064, P101, RW201, CS01

VDOT PROJECT NO.:

DESIGN BY: AMB	REVIEWED BY:	SCALE:	DATE:	SHEET: 9(1)	DRAWING NO. X-XXXXX
DRAWN BY: SOD	JBO				
CHECKED BY: AMB					

Drawing name: K:\R0C-1P10\113457_R0C-On-Call\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\SIGNING AND MARKING SHEETS.dwg 9(2) SIGN SCHEDULE Nov 21, 2025 5:49pm by: Stephen Dupont
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SIGN SCHEDULE

			SIGN ASSEMBLY COMPONENTS			SIGN PANEL AREA (s.f.)				
TEXT NO.	SIGN ASSEMBLY NO(s).	TEXT	MUTCD ST'D.	PANEL SIZE		QTY.	per ASSEMBLY	ALL ASSEMBLIES	PROP. SIGN STRUCTURE ST'D.	REMARKS
				W	H					
1	101, 129		R1-1	2.5	2.5	2	6.25	12.5	STP-1 2 1/2" 12 GA.	STP-1 TYPE A FOUNDATION
3	118, 120		R1-1	1.5	1.5	2	2.25	4.5	STP-1 2 1/2" 12 GA.	STP-1 TYPE A FOUNDATION
4	127, 128		R1-2	1.5x1.5	1.5	2	1	2	STP-1 2 1/2" 12 GA.	STP-1 TYPE A FOUNDATION
6	125		R7-8	1	1.5	1	1.5	1.5	STP-1 2 1/2" 12 GA.	STP-1 TYPE A FOUNDATION
7	106, 107		W11-15	2.5	2.5	2	6.25	12.5	STP-1 2 1/2" 12 GA.	STP-1 TYPE A FOUNDATION FLOURESCENT YELLOW AND GREEN BACKGROUND
			W11-15P	2	1.5	2	3	6		
			W16-7P	1.75	1.25	2	21875	4.375		
8	108, 109, 113		W11-15	2.5	2.5	3	6.25	18.75	STP-1 2 1/2" 12 GA.	STP-1 TYPE A FOUNDATION FLOURESCENT YELLOW AND GREEN BACKGROUND
			W11-15P	2	1.5	3	3	9		
			W16-09P	2	1	3	2	6		
9	110, 111		R10-25	0.75	1	2	0.75	1.5	STP-1 2 1/2" 12 GA.	PUSH BUTTON PEDESTAL

			SIGN ASSEMBLY COMPONENTS			SIGN PANEL AREA (s.f.)				
TEXT NO.	SIGN ASSEMBLY NO(s).	TEXT	MUTCD ST'D.	PANEL SIZE		QTY.	Per ASSEMBLY	ALL ASSEMBLIES	PROP. SIGN STRUCTURE ST'D.	REMARKS
				W	H					
10	112		W16-07R	1.75	1.25	1	21875	21875	STP-1 2 1/2" 12 GA.	STP-1 TYPE A FOUNDATION FLOURESCENT YELLOW AND GREEN BACKGROUND
			W11-15P	2	1.5	1	3	3		
			W11-15	2.5	2.5	1	6.25	6.25		
			W11-15	2.5	2.5	1	6.25	6.25		
			W11-15P	2	1.5	1	3	3		
			W16-7P	1.75	1.25	1	21875	21875		
11	116, 117, 119		R5-3	2	2	3	4	12	STP-1 2" 14 GA.	STP-1 TYPE A FOUNDATION
12	121, 122		W3-1	1.5	1.5	2	2.25	4.5	STP-1 2" 14 GA.	STP-1 TYPE A FOUNDATION
13	126		R7-8	1	1.5	1	1.5	1.5	STP-1 2 1/2" 12 GA.	STP-1 TYPE A FOUNDATION
14	114, 115, 123, 124		W11-15	2.5	2.5	4	6.25	25	STP-1 2 1/2" 12 GA.	STP-1 TYPE A FOUNDATION FLOURESCENT YELLOW AND GREEN BACKGROUND
			W11-15P	2	1.5	4	3	12		
			W16-7P	1.75	1.25	4	21875	8.75		

NOTES:

- 1) ALL SIGNS SHALL BE ORIENTATED AS SHOWN ON THE PLANS.
2) SIGN COLOR COMBINATIONS SHALL BE IN ACCORDANCE WITH THE FHWA SHS BOOK AND THE 2011 VIRGINIA SHS BOOK OR AS NOTED IN THE PLANS.
3) ALL POSITIVE CONTRAST GUIDE AND SPECIFIC SERVICE SIGNS SHALL UTILIZE FABRICATION LETTER TYPE L-3 OR L-4 UNLESS OTHERWISE NOTED IN THE REMARKS. ALL OTHER SIGNS SHALL UTILIZE FABRICATION LETTER TYPE L-1 OR L-2 UNLESS OTHERWISE NOTED IN THE REMARKS.
- 4) ALL BLACK SHEETING SHALL BE NON-REFLECTIVE.
5) SIGN STRUCTURES SHALL BE INSTALLED PER THE NOTED SIGN ST'D.
6) ALL ST'D. STP-1 STRUCTURES TO BE SINGLE POST UNLESS OTHERWISE NOTED.
7) IF APPLICABLE, SEE SHEET 2D FOR NON-STANDARD TYPE VA AND VIA SIGN STRUCTURE DETAILS.

RW PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION

Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywell Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
SIGN SCHEDULE

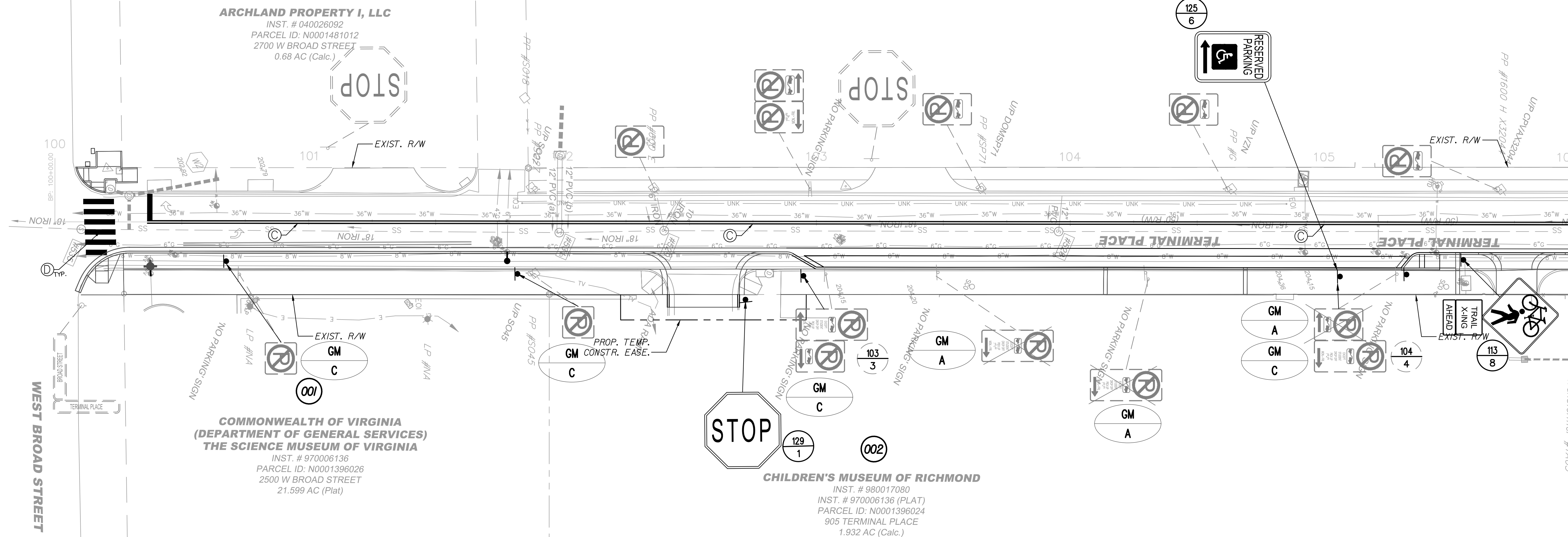
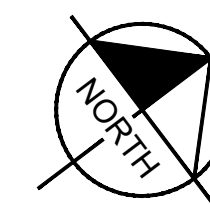
AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, CS01

DESIGN BY: AMB	REVIEWED BY:	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JBO			9(2)	X-XXXXX
CHECKED BY: AMB					

Drawing name: K:\RVC_P\TPO\134527_RIC_On_Coil\015_SMW Shared Use Path 3 Project Data\CA00\Sheets SIGNING AND MARKING SHEETS.dwg 9(3) SIGNING AND PAVENT MARKING PLAN Nov 24, 2025 1:55pm by: Alysa-Bord

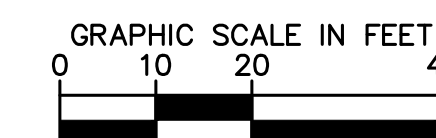
REBKEE PARTNERS INTERBAKE, LLC
INST. # 130005595 (BLA)
INST. # 110020608
PARCEL ID: N0001481005
900 TERMINAL PLACE
4.137 AC (Deed)



MATCHLINE TERMINAL CONSTR. **R** STA. 106+00 - SEE SHEET 9(4)

PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS I, WHITE, 4" WIDTH
 - (B) TYPE B, CLASS I, WHITE, 4" WIDTH, 2' LINE WITH 6" SPACING
 - (C) TYPE B, CLASS I, DOUBLE YELLOW, 4" WIDTH WITH 7" SPACE BETWEEN LINES
 - (D) TYPE B, CLASS I, WHITE, 24" WIDTH
 - (E) TYPE B, CLASS I, YELLOW, 4" WIDTH
 - (F) TYPE A, CLASS I, YELLOW, 4" WIDTH
 - (G) TYPE A, CLASS I, YELLOW, 4" WIDTH, 3' LINE WITH 9" SPACING
-  TYPE B, CLASS I, SINGLE TURN ARROW
-  TYPE B, CLASS I, BIKE SYMBOL
-  TYPE B CLASS I, SPEED TABLE SYMBOL



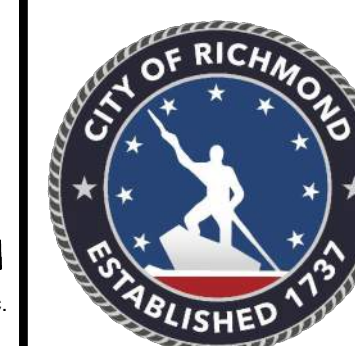
RW PLANS

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Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywill Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel. 804-673-3882



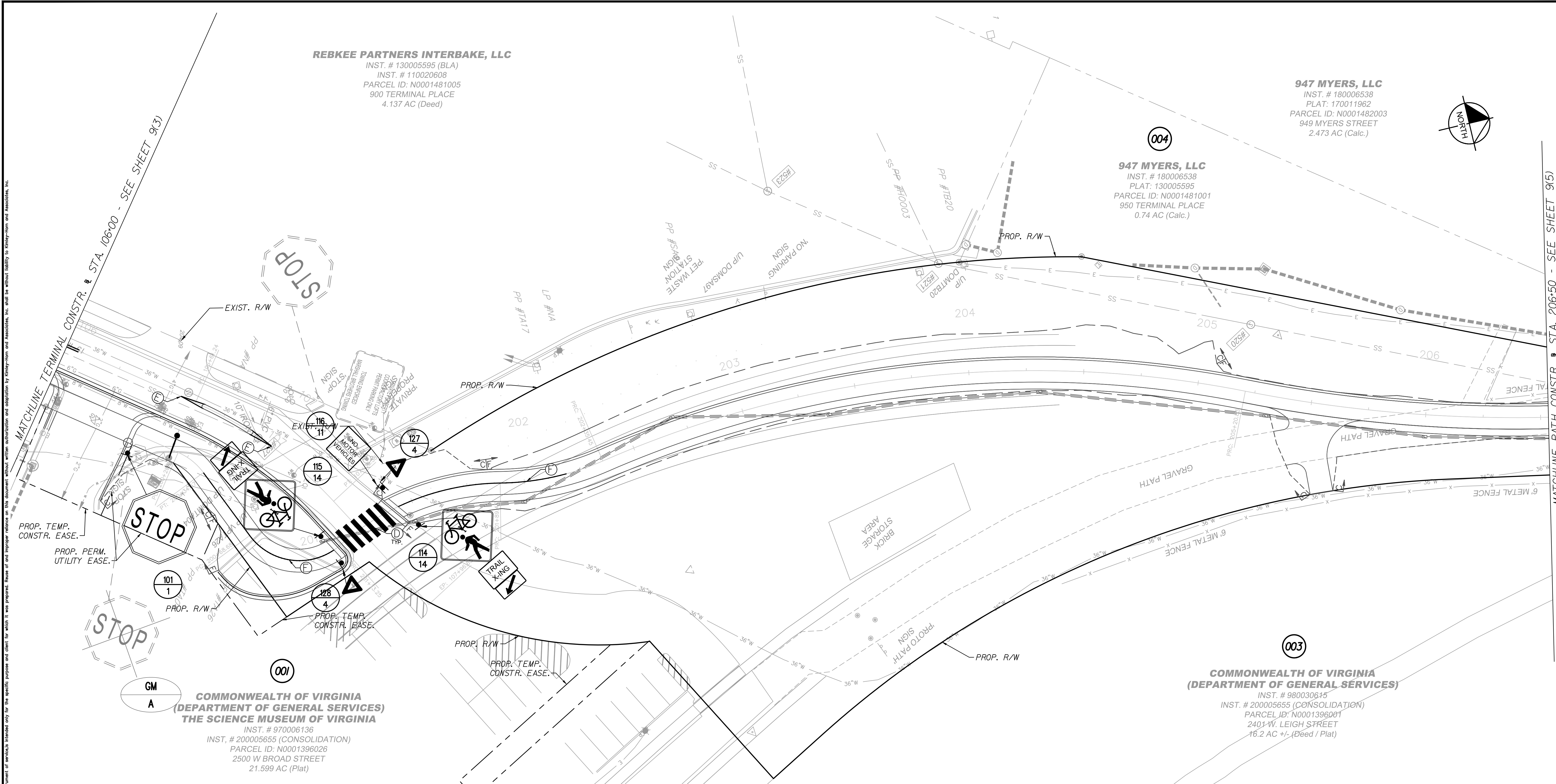
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
SIGNING AND PAVEMENT MARKING PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.
9999-127-064. P101. RW201. C501

DESIGN BY: AMB	REVIEWED BY	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO			9(3)	X-XXXXX
CHECKED BY: AMB					

Drawing name: K:\RDC\PROJECTS\113457_RDC\01\015_SNV Shared Use Path\3 Project Data\CADD Sheets\SIGNING AND PAVEMENT MARKING PLAN Nov 24, 2025 1:56pm by: Alysa Baird
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PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS I, WHITE, 4" WIDTH
- (B) TYPE B, CLASS I, WHITE, 4" WIDTH, 2' LINE WITH 6' SPACING
- (C) TYPE B, CLASS I, DOUBLE YELLOW, 4" WIDTH WITH 7" SPACE BETWEEN LINES
- (D) TYPE B, CLASS I, WHITE, 24" WIDTH
- (E) TYPE B, CLASS I, YELLOW, 4" WIDTH
- (F) TYPE A, CLASS I, YELLOW, 4" WIDTH
- (G) TYPE A, CLASS I, YELLOW, 4" WIDTH, 3' LINE WITH 9' SPACING
- (H) TYPE B, CLASS I, SINGLE TURN ARROW
- (I) TYPE B, CLASS I, BIKE SYMBOL
- (J) TYPE B CLASS I, SPEED TABLE SYMBOL



RW PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION

No.	REVISIONS	DATE	BY

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Maywell Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-673-5882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
SIGNING AND PAVEMENT MARKING PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01			
DESIGN BY:	AMB	REVIEWED BY:	JBO	SCALE:	DATE:	SHEET:	DRAWING NO.
DRAWN BY:	SOD					9(4)	X-XXXXX
CHECKED BY:	AMB						

Kimley-Horn and Associates, Inc.
Richmond, Virginia
CIVIL ENGINEER

Drawing name: K:\RVC\PROJECTS\113457_RIC\On_Call\015_SWP Shared Use Path\3 Project Data\CADD Sheets\SIGNING AND PAVEMENT MARKING PLAN Nov 22, 2025 7:23pm by: AlysaBaird
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MATCHLINE PATH CONSTR. @ STA. 206+50 - SEE SHEET 9(4)

947 MYERS, LLC
INST. # 180006538
PLAT: 170011962
PARCEL ID: N0001482003
949 MYERS STREET
2.473 AC (Calc.)

TRP MYERS, LLC
INST. # 210029896
PARCEL ID: N0001482005
953 MYERS STREET
1.082 AC (Calc.)

TRP MYERS, LLC
INST. # 210029896
PARCEL ID: N0001482006
957 MYERS STREET
1.116 AC (Calc.)

947 MYERS, LLC
INST. # 180006538
PLAT: 130005595
PARCEL ID: N0001481001
950 TERMINAL PLACE
0.74 AC (Calc.)

JAMES RIVER PETROLEUM, INC
INST. # 120009551 (MERGER)
D.B. 407 PG. 1699
D.B. 386, PG. 1136 (PLAT)
PARCEL ID: N0001396022
2730 W. LEIGH STREET
0.747 AC (Calc.)

**COMMONWEALTH OF VIRGINIA
(DEPARTMENT OF GENERAL SERVICES)
THE SCIENCE MUSEUM OF VIRGINIA**
INST. # 970006136
INST. # 200005655 (CONSOLIDATION)
PARCEL ID: N0001396026
2500 W BROAD STREET
21.599 AC (Plat)

**COMMONWEALTH OF VIRGINIA
(DEPARTMENT OF GENERAL SERVICES)**
INST. # 980030615
INST. # 200005655 (CONSOLIDATION)
PARCEL ID: N0001396001
2401 W. LEIGH STREET
1.116 AC (Calc.)

BTP BOULEVARD SQUARE, LLC
INST. # 090001452 (DEDICATION)
INST. # 060026927
P.B. 43, PG. 84
INST. # 060025815
P.B. 43, PG. 3
INST. # 060037406
D.B. 386, PG. 1136 (L&E)
PARCEL ID: N0001396028
1001 MYERS STREET

G S WEST LEIGH OWNER, LLC
PARCEL ID: N0001396029
2700 W. LEIGH STREET

Signal Pole & Controller Legend

(ALL DIMENSIONS ARE TO CENTER OF POLE)

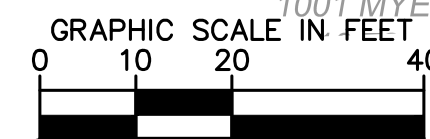
- ① SE-5 METERED ELECTRICAL SERVICE
7.7' LT. OF SHARED USE PATH CONSTR. @ STA. 210+80.67
One circuit breaker required for each RRFB
- ② RECTANGULAR RAPID FLASHING BEACON STRUCTURE (SEE DETAIL)
6.38' RT. OF SHARED USE PATH CONSTR. @ STA. 210+78.63
Install Accessible Ped.Push Button, PA-2 and
Install Rectangular Rapid Flashing Beacon
- ③ RECTANGULAR RAPID FLASHING BEACON STRUCTURE (SEE DETAIL)
7.05' LT. OF SHARED USE PATH CONSTR. @ STA. 211+32.68
Install Accessible Ped.Push Button, PA-2 and
Install Rectangular Rapid Flashing Beacon
- ④ RECTANGULAR RAPID FLASHING BEACON STRUCTURE (SEE DETAIL)
7.31' LT. OF SHARED USE PATH CONSTR. @ STA. 211+82.70
Install Accessible Ped.Push Button, PA-2 and
Install Rectangular Rapid Flashing Beacon

PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS I, WHITE, 4" WIDTH
- (B) TYPE B, CLASS I, WHITE, 4" WIDTH, 2' LINE WITH 6' SPACING
- (C) TYPE B, CLASS I, DOUBLE YELLOW, 4" WIDTH WITH 7" SPACE BETWEEN LINES
- (D) TYPE B, CLASS I, WHITE, 24" WIDTH
- (E) TYPE B, CLASS I, YELLOW, 4" WIDTH
- (F) TYPE A, CLASS I, YELLOW, 4" WIDTH
- (G) TYPE A, CLASS I, YELLOW, 4" WIDTH, 3' LINE WITH 9' SPACING
- (H) TYPE B, CLASS I, SINGLE TURN ARROW
- (I) TYPE B, CLASS I, BIKE SYMBOL
- (J) TYPE B CLASS I, SPEED TABLE SYMBOL

Rapid Rectangular Flashing Beacon (RRFB) General Notes:

- SE-5 must have separate 20 A breakers for each RRFB assembly. Final electrical service connection by the utility provided will be coordinated by the contractor for VDOT Richmond District. 8 conductor cable for bid purposes only. Final conductor cable to be verified with RRFB manufacturer.
- All trenched conduit will be installed per VDOT S'd ECH-1. All junction boxes will be VDOT S'd JB-S2 unless otherwise noted on the plan.
- Each RRFB assembly must have a minimum NEMA 3R enclosure sized per the manufacturer's specifications and shall include a minimum 25 Ah battery backup. RRFB Assemblies must include a transformer base and foundation installed per VDOT S'd PF-2.
- Pedestrian Activation will be VDOT S'd PA-2. APS pushbuttons required. APS must feature a locator tone and an audible pedestrian message "Yellow lights are flashing". The message must be spoken twice. The APS shall not use vibrotactile indications or percussive indications.
- Sign panels must be installed 7' minimum from the top of the sidewalk to the bottom of the sign panel. Pedestal poles must be minimum 12'.



RW PLANS

THESE PLANS ARE UNFINISHED
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OF CONSTRUCTION

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Richmond, Virginia
CIVIL ENGINEER

Kimley»Horn
Kimley-Horn and Associates, Inc.
2035 Mayfield Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel: 804-675-3982



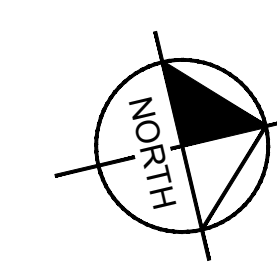
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
SIGNING AND PAVEMENT MARKING PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

9999-127-064, P101, RW201, CS01

DESIGN BY:	AMB	REVIEWED BY:	JBO	SCALE:	DATE:	SHEET:	9(5)	DRAWING NO.:	X-XXXXX
DRAWN BY:	SOD								
CHECKED BY:	AMB								

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- (A) TYPE B, CLASS I, WHITE, 4" WIDTH
- (B) TYPE B, CLASS I, WHITE, 4" WIDTH, 2' LINE WITH 6' SPACING
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-  TYPE B CLASS I, SPEED TABLE SYMBOL



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Tel. 804-673-3882

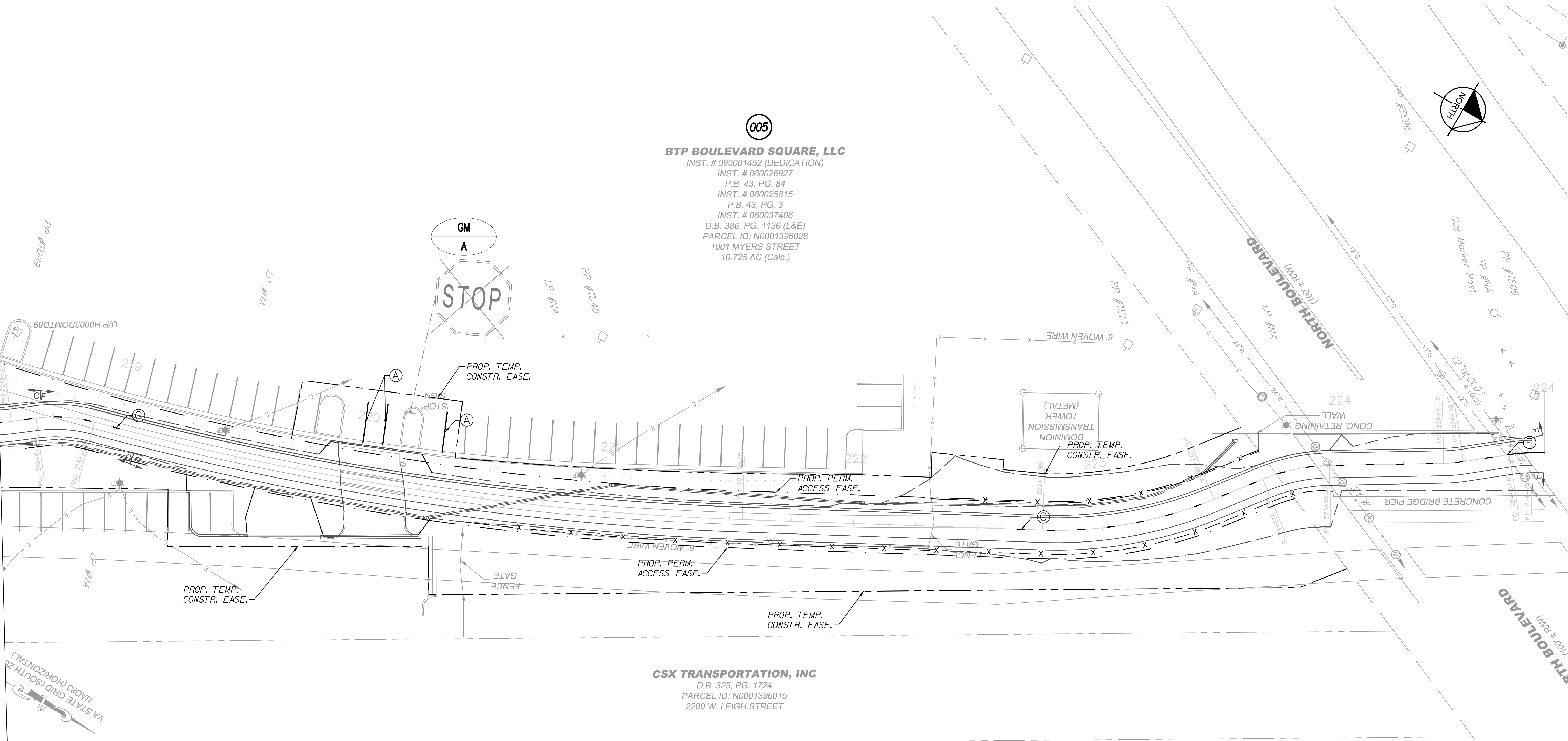


AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

DESIGN BY: AMB	REVIEWED BY:	SCALE	DATE	SHEET 9(6)	DRAWING NO. X-XXXXX
DRAWN BY: SOD	JHO				
CHECKED BY: AMB					

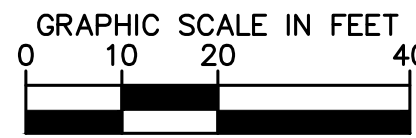
Drawing name: K:\RCD\PROJECTS\113457_RCD\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\SIGNING AND MARKING SHEETS.dwg 9(7) SIGNING AND PAVEMENT MARKING PLAN Nov 22, 2025 7:23pm by: AlysaBaird
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MATCHLINE SUP CONSTR. @ STA. 218+50 - SEE SHEET 9(6)



PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS I, WHITE, 4" WIDTH
- (B) TYPE B, CLASS I, WHITE, 4" WIDTH, 2' LINE WITH 6' SPACING
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RW PLANS

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No.	REVISIONS	DATE	BY

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RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
SIGNING AND PAVEMENT MARKING PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01		
DESIGN BY: AMB	REVIEWED BY: JHO		SCALE:	DATE:	SHEET: 9(7)	DRAWING NO. X-XXXXX
DRAWN BY: SOD						
CHECKED BY: AMB						

Drawing name: K:\RCD\PROJECTS\113457_RCD\Call\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\LIGHTING.dwg 10(4) LIGHTING CONDUIT PLAN Nov 24, 2025 1:57pm by AlyssaBaird
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- LEGEND**
- 1 INSTALL (2) 2" SCH. 40 PVC CONDUIT IN TRENCH
- 2 INSTALL (2) 2" SCH. 40 PVC CONDUIT ENCASED IN CONCRETE
- J VDOT STD. JB-SI

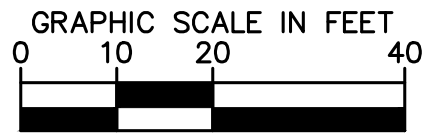
**COMMONWEALTH OF VIRGINIA
(DEPARTMENT OF GENERAL SERVICES)
THE SCIENCE MUSEUM OF VIRGINIA**
INST. # 970006136
INST. # 200005655 (CONSOLIDATION)
PARCEL ID: N0001396026
2500 W BROAD STREET
21.599 AC (Plat)

REBKEE PARTNERS INTERBAKE, LLC
INST. # 130005595 (BLA)
INST. # 110020608
PARCEL ID: N0001481005
900 TERMINAL PLACE
4.137 AC (Deed)

947 MYERS, LLC
INST. # 180006538
PLAT: 170011962
PARCEL ID: N0001482003
949 MYERS STREET
2.473 AC (Calc.)

947 MYERS, LLC
INST. # 180006538
PLAT: 130005595
PARCEL ID: N0001481001
950 TERMINAL PLACE
0.74 AC (Calc.)

**COMMONWEALTH OF VIRGINIA
(DEPARTMENT OF GENERAL SERVICES)**
INST. # 980030615
INST. # 200005655 (CONSOLIDATION)
PARCEL ID: N0001396001
2401 W. LEIGH STREET
16.2 AC +/- (Deed / Plat)



REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Survey Alignment Data	ID
Construction Alignment Data	IE(I)
Plan	4
Profile	4A
Erosion Control Plan	4B
Landscape Plan	8(4)
Signing & Marking Plan	9(4)

RW PLANS

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RICHMOND, VIRGINIA 23230
Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
LIGHTING CONDUIT PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				VDOT PROJECT NO.: 9999-127-064, P101, RW201, C501			
DESIGN BY:	AMB	REVIEWED BY:	JBO	SCALE:	DATE	SHEET	DRAWING NO.
DRAWN BY:	SOD				11/21/2025	10(4)	X-XXXXX
CHECKED BY:	AMB						

Drawing name: K:\RCD\TRD\113457_RCD\015_SNV Shared Use Path\3 Project Data\CADD\Sheets\LIGHTING.dwg 10(5) LIGHTING CONDUIT PLAN Nov 22, 2025 7:24pm By: AlyssaBoird
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MATCHLINE PATH CONSTR. @ STA. 206+50 - SEE SHEET 10(4)

947 MYERS, LLC
INST. # 180006538
PLAT: 170011962
PARCEL ID: N0001482003
949 MYERS STREET
2.473 AC (Calc.)

TRP MYERS, LLC
INST. # 210029896
PARCEL ID: N0001482005
953 MYERS STREET
1.082 AC (Calc.)

TRP MYERS, LLC
INST. # 210029896
PARCEL ID: N0001482006
957 MYERS STREET
1.116 AC (Calc.)

947 MYERS, LLC
INST. # 180006538
PLAT: 130005595
PARCEL ID: N0001481001
950 TERMINAL PLACE
0.74 AC (Calc.)

JAMES RIVER PETROLEUM, INC
INST. # 120009551 (MERGER)
D.B. 407 PG. 1699
D.B. 386, PG. 1136 (PLAT)
PARCEL ID: N0001396022
2730 W. LEIGH STREET
0.747 AC (Calc.)

**COMMONWEALTH OF VIRGINIA
(DEPARTMENT OF GENERAL SERVICES)
THE SCIENCE MUSEUM OF VIRGINIA**

INST. # 970006136
INST. # 200005655 (CONSOLIDATION)
PARCEL ID: N0001396026
2500 W BROAD STREET
21.599 AC (Plat)

**COMMONWEALTH OF VIRGINIA
(DEPARTMENT OF GENERAL SERVICES)**

INST. # 980030615
INST. # 200005655 (CONSOLIDATION)
PARCEL ID: N0001396001
2401 W. LEIGH STREET
16.2 AC +/- (Deed / Plat)

G S WEST LEIGH OWNER, LLC
PARCEL ID: N0001396029
2700 W. LEIGH STREET

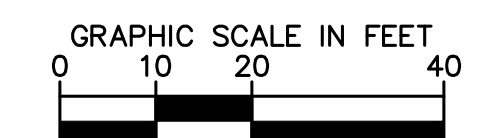
BTP BOULEVARD SQUARE, LLC
INST. # 090001452 (DEDICATION)
INST. # 060026927
P.B. 43, PG. 84
INST. # 060025815
P.B. 43, PG. 3
INST. # 060037406
D.B. 386, PG. 1136 (L&E)
PARCEL ID: N0001396028
1001 MYERS STREET
10.725 AC (Calc.)

LEGEND

- 1 INSTALL (2) 2" SCH. 40 PVC CONDUIT IN TRENCH
2 INSTALL (2) 2" SCH. 40 PVC CONDUIT ENCASED IN CONCRETE
J VDOT STD. JB-SI

**REFERENCES
(PROFILES, DETAIL & DRAINAGE
DESCRIPTION SHEETS, ETC.)**

Survey Alignment Data	ID
Construction Alignment Data	1E(1)
Plan	5
Profile	5A
Erosion Control Plan	5B
Landscape Plan	8(5)
Signing & Marking Plan	9(5)



RW PLANS

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Tel: 804-673-3882



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
LIGHTING CONDUIT PLAN

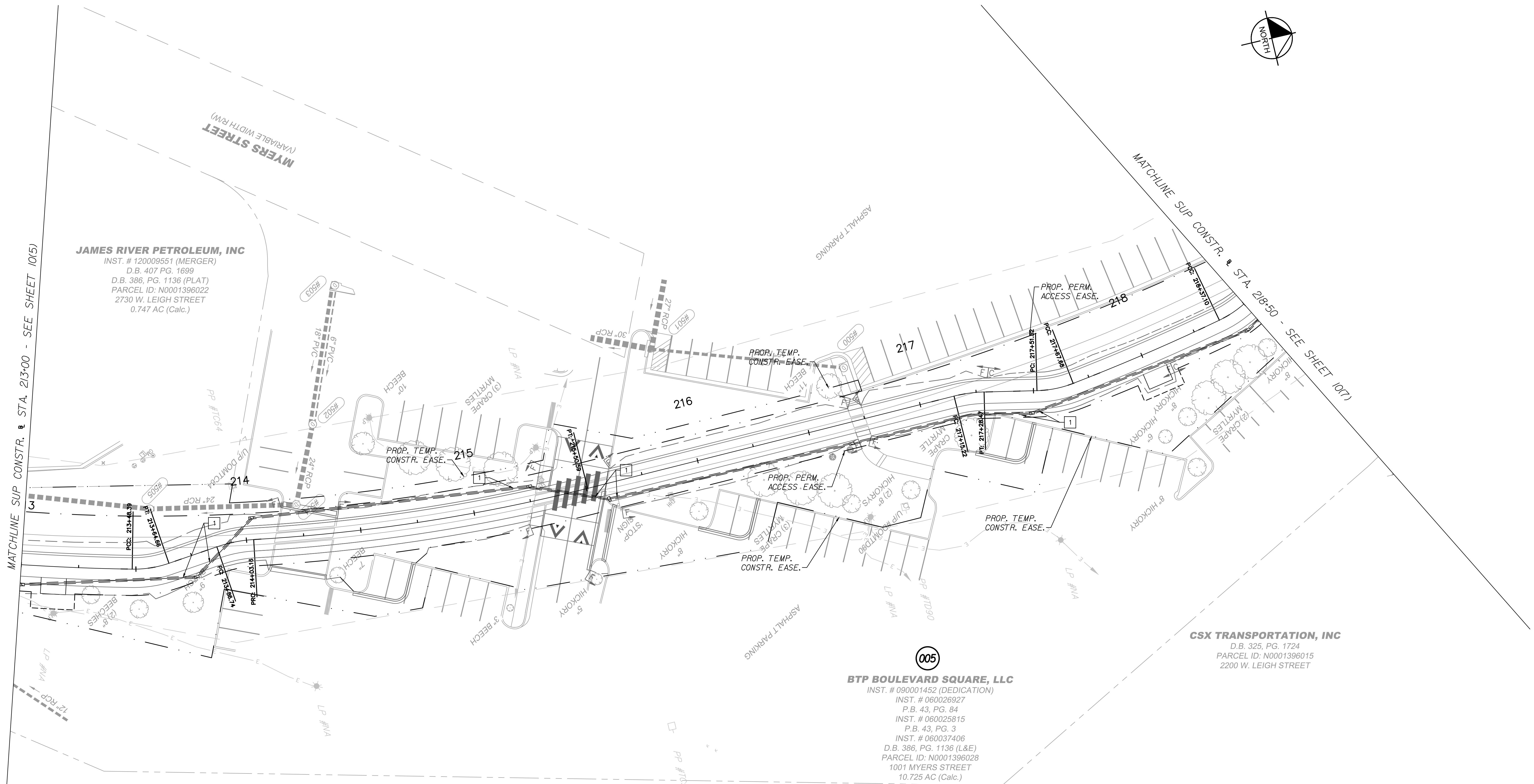
AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY: JBO	SCALE:	DATE: 11/21/2025	SHEET: 10(5)	DRAWING NO.: X-XXXXX
DRAWN BY: SJD	CHECKED BY: AMB				

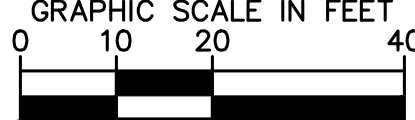
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Drawing name: K:\RCD\PROJECTS\113457_RCD\Call\015_S&W Shared Use Path\3 Project Data\CADD Sheets\LIGHTING.dwg 10(6) LIGHTING CONDUIT PLAN Nov 22, 2025 7:24pm by: Alyssa Baird
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- LEGEND**
- 1 INSTALL (2) 2" SCH. 40 PVC CONDUIT IN TRENCH
 - 2 INSTALL (2) 2" SCH. 40 PVC CONDUIT ENCASED IN CONCRETE
 - U VDOT STD. JB-SI

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Survey Alignment Data	ID
Construction Alignment Data	IE(1)
Plan	6
Profile	6A
Erosion Control Plan	6B
Landscape Plan	8(6)
Signing & Marking Plan	9(6)



RW PLANS

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No.	REVISIONS	DATE	BY

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Tel: 804-673-3882



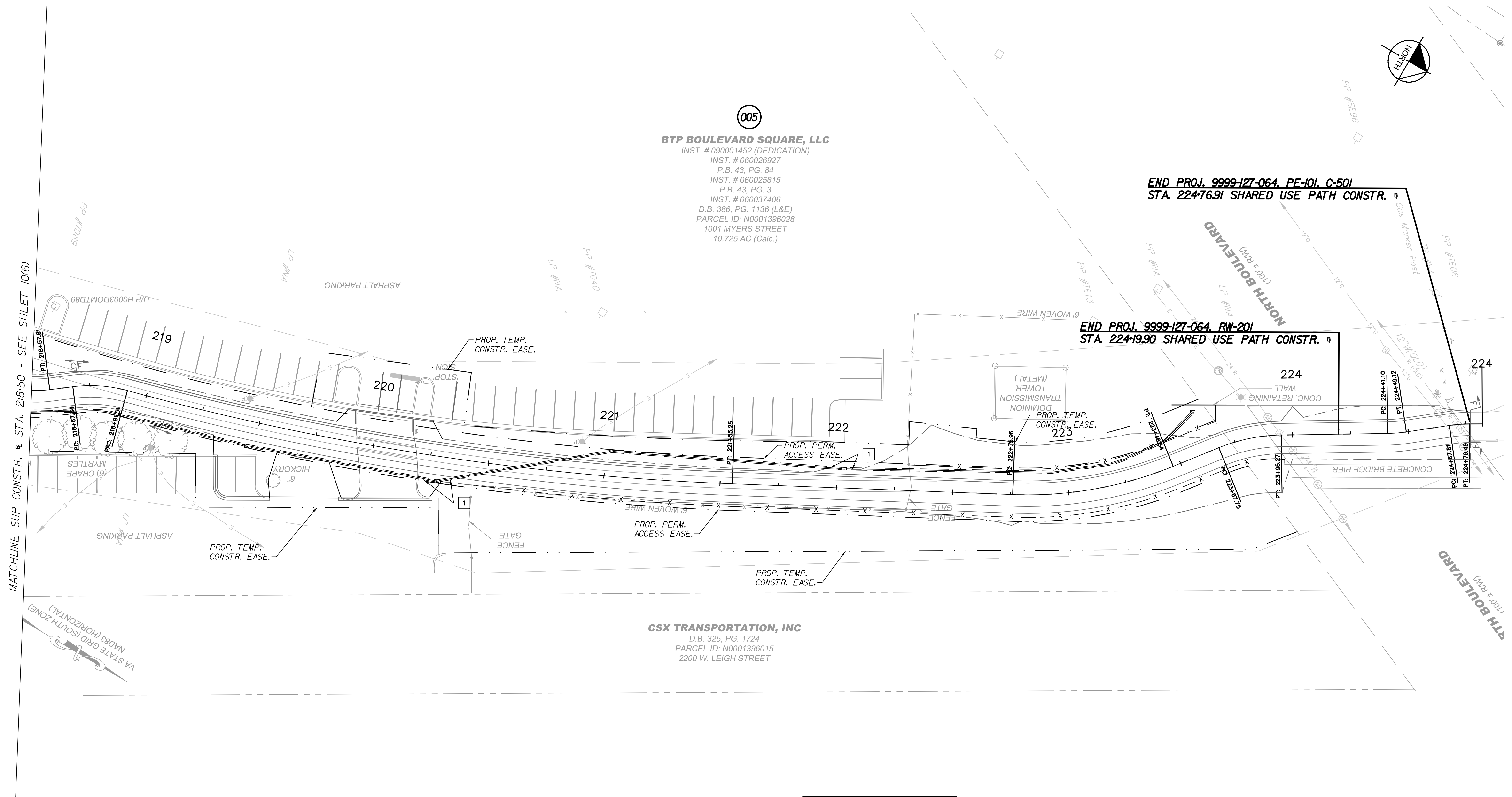
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
LIGHTING CONDUIT PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.: 9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY: JHO	SCALE	DATE 11/21/2025	SHEET 10(6)	DRAWING NO. X-XXXXX
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CHECKED BY: AMB					

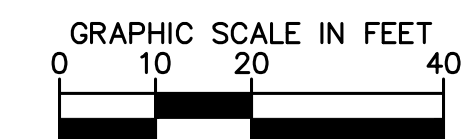
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- LEGEND
- | | |
|---|---|
| 1 | INSTALL (2) 2" SCH. 40 PVC CONDUIT IN TRENCH |
| 2 | INSTALL (2) 2" SCH. 40 PVC CONDUIT
ENCASED IN CONCRETE |
| J | VDOT STD. JB-SI |

REFERENCES
(PROFILES, DETAIL & DRAINAGE
DESCRIPTION SHEETS, ETC.)

Survey Alignment Data	ID
Construction Alignment Data	1E(1)
Plan	7
Profile	7A
Erosion Control Plan	7B
Landscape Plan	8(7)
Signing & Marking Plan	9(7)



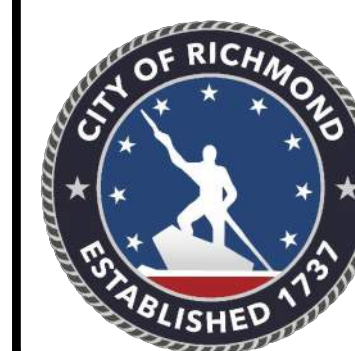
RW PLANS

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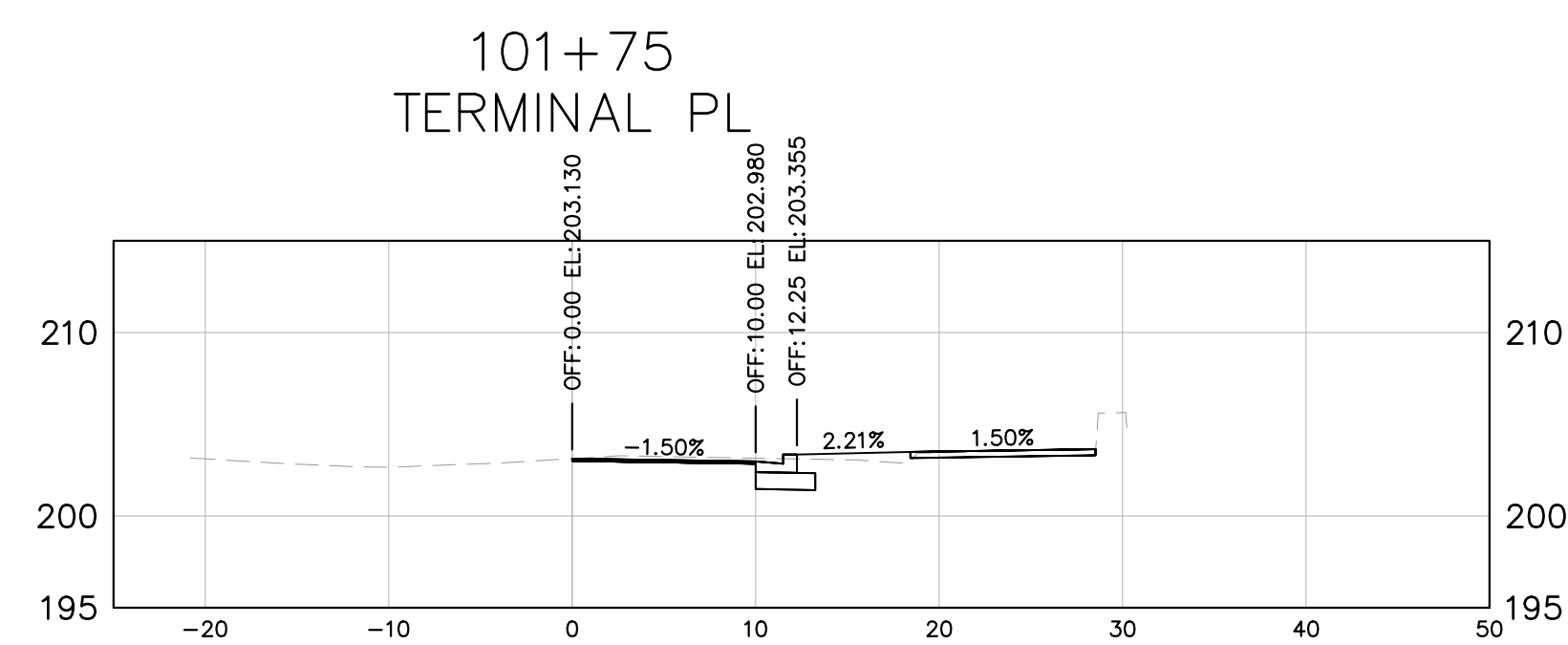
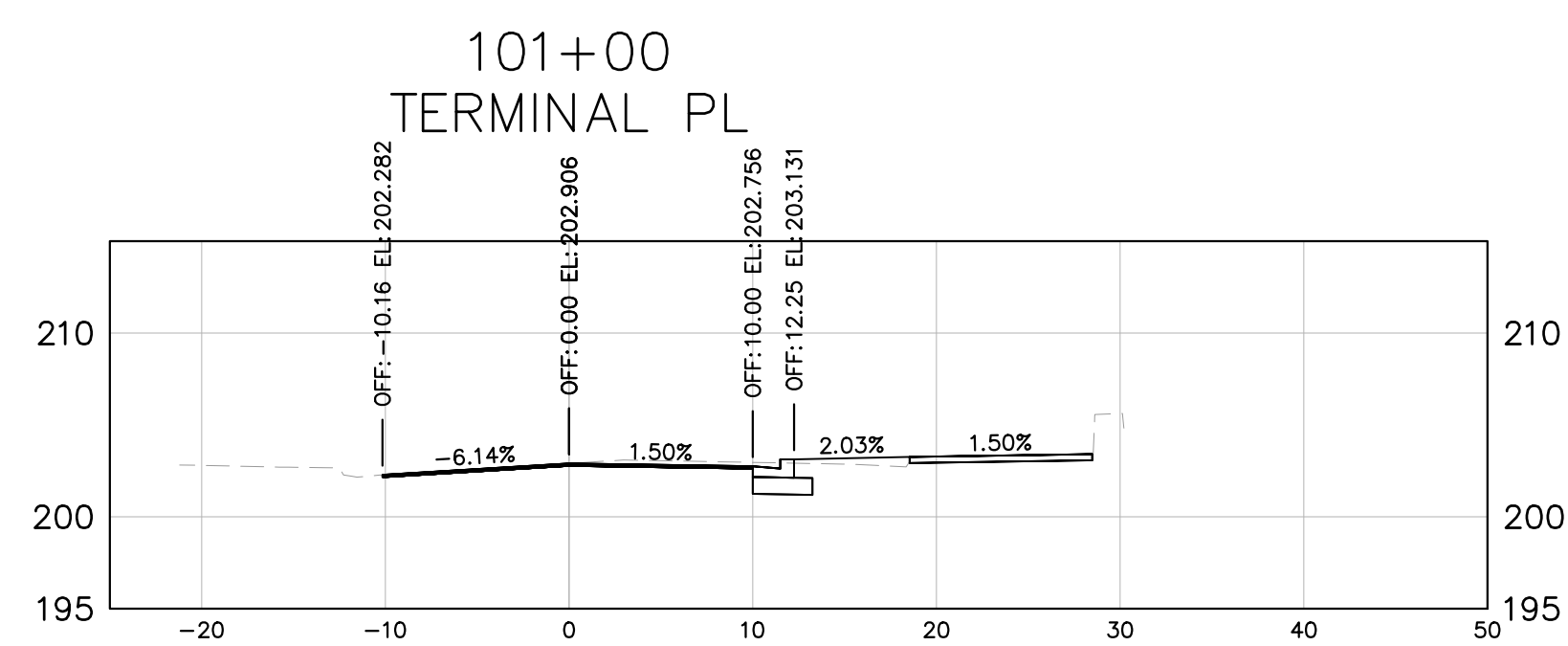
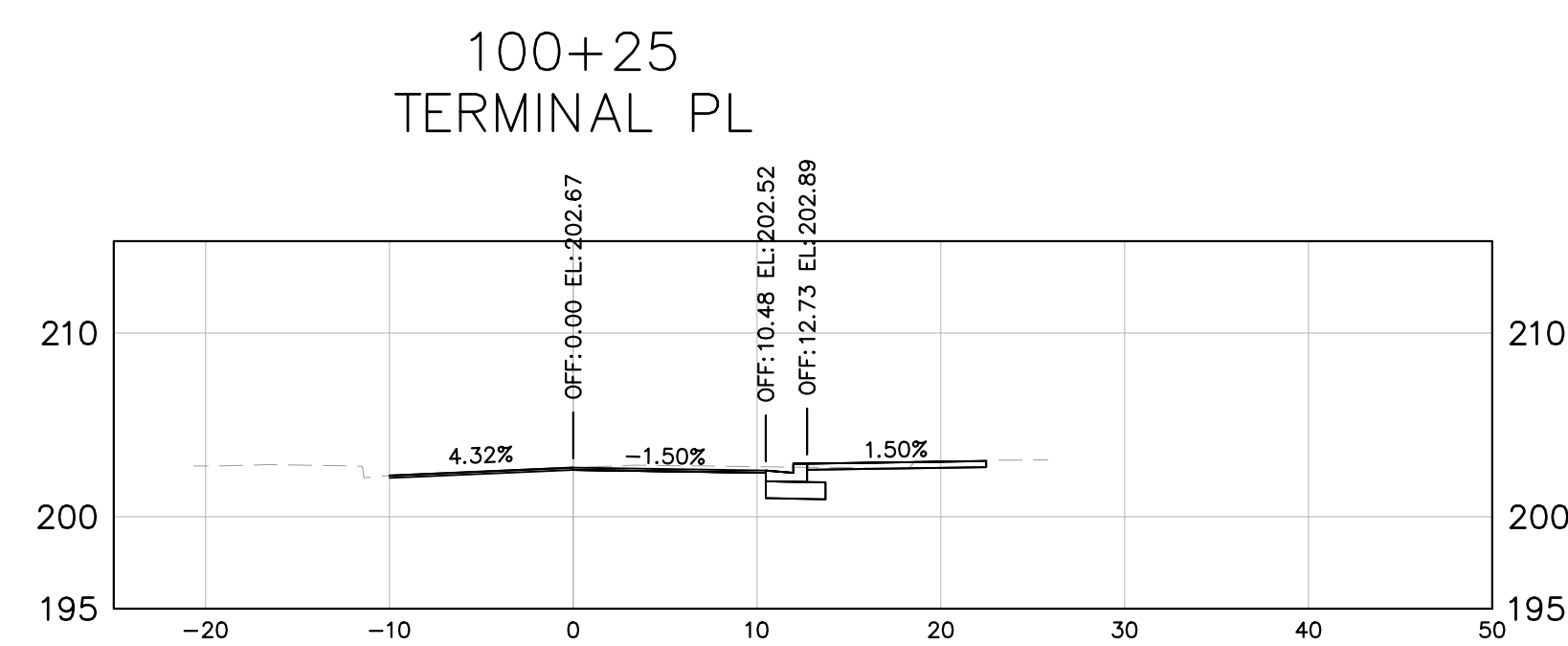
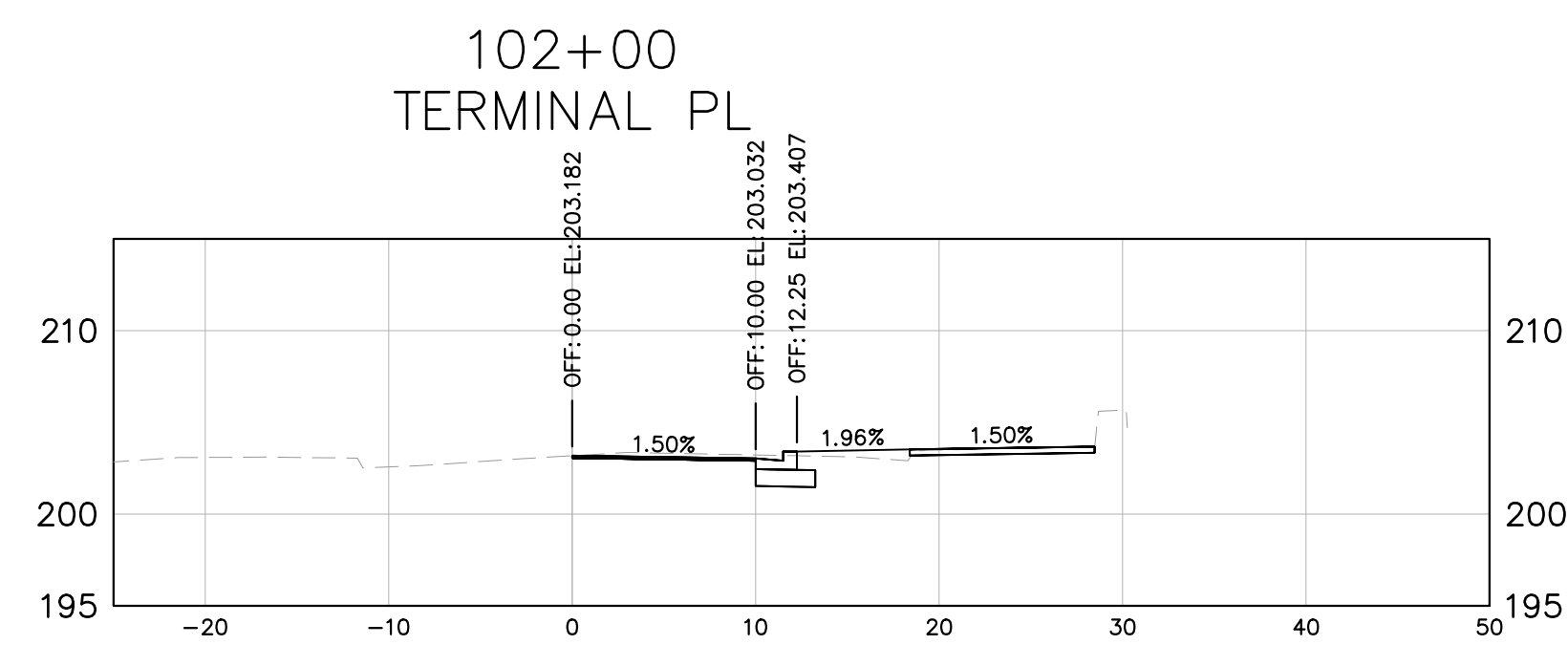
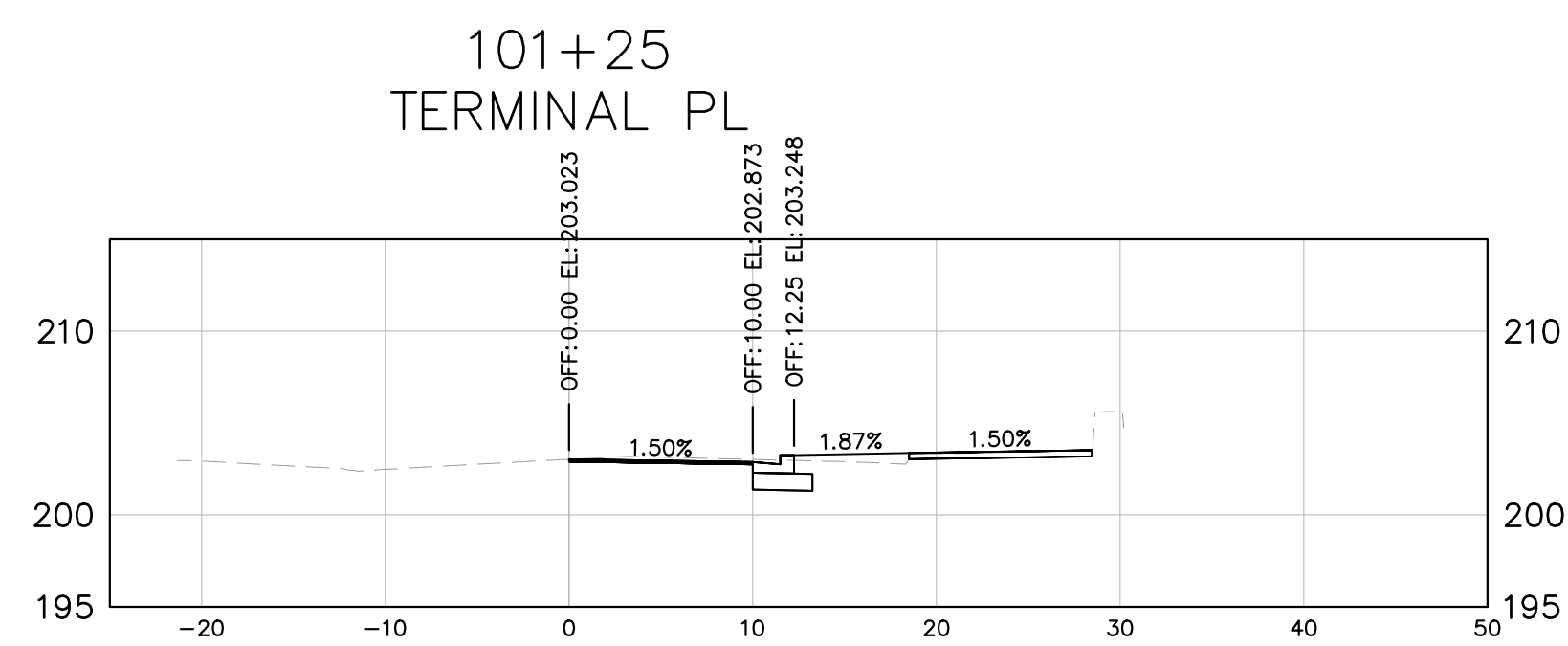
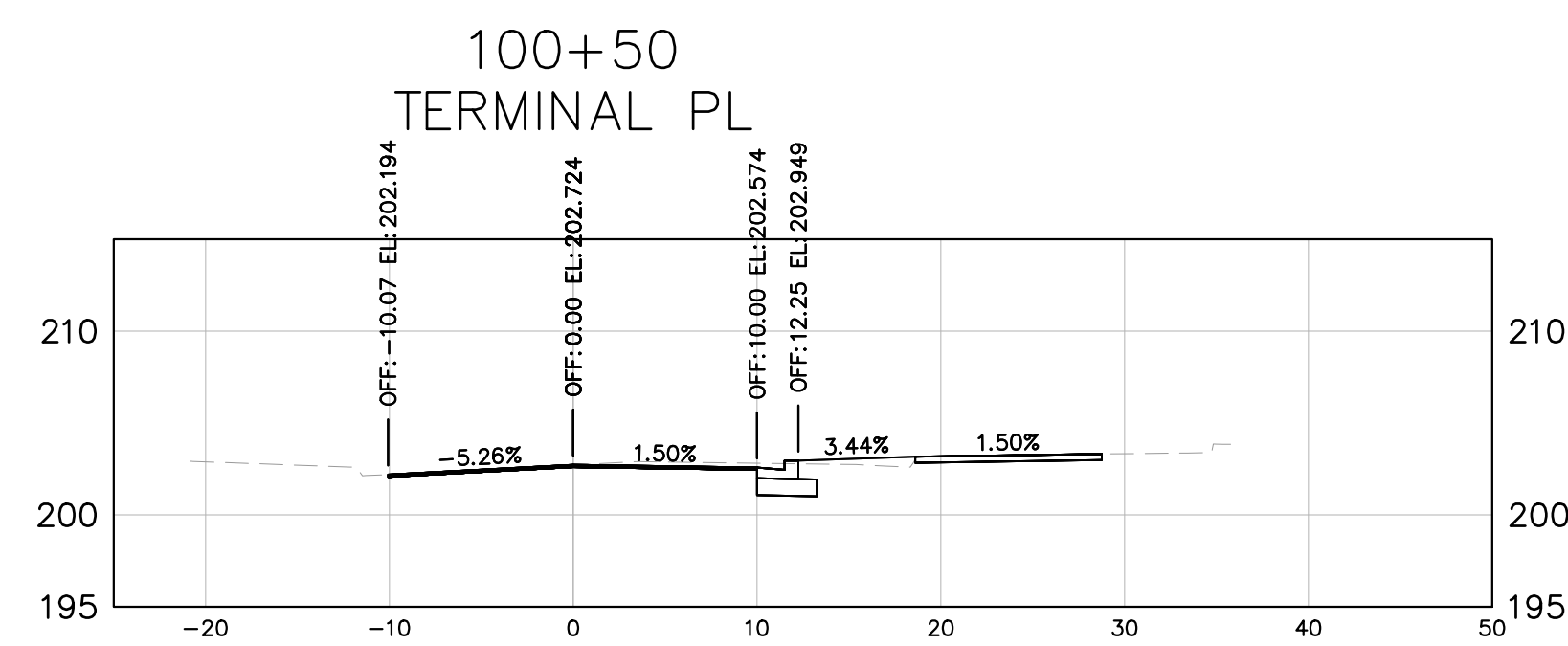
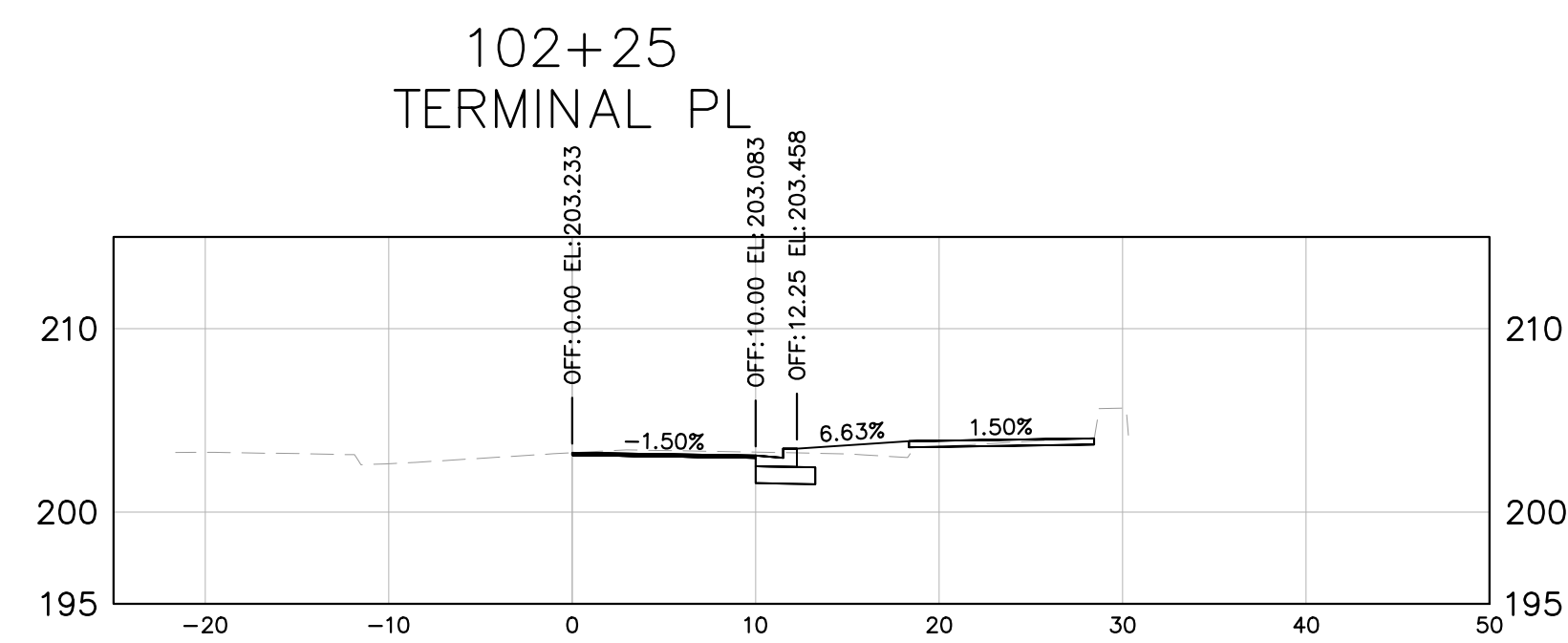
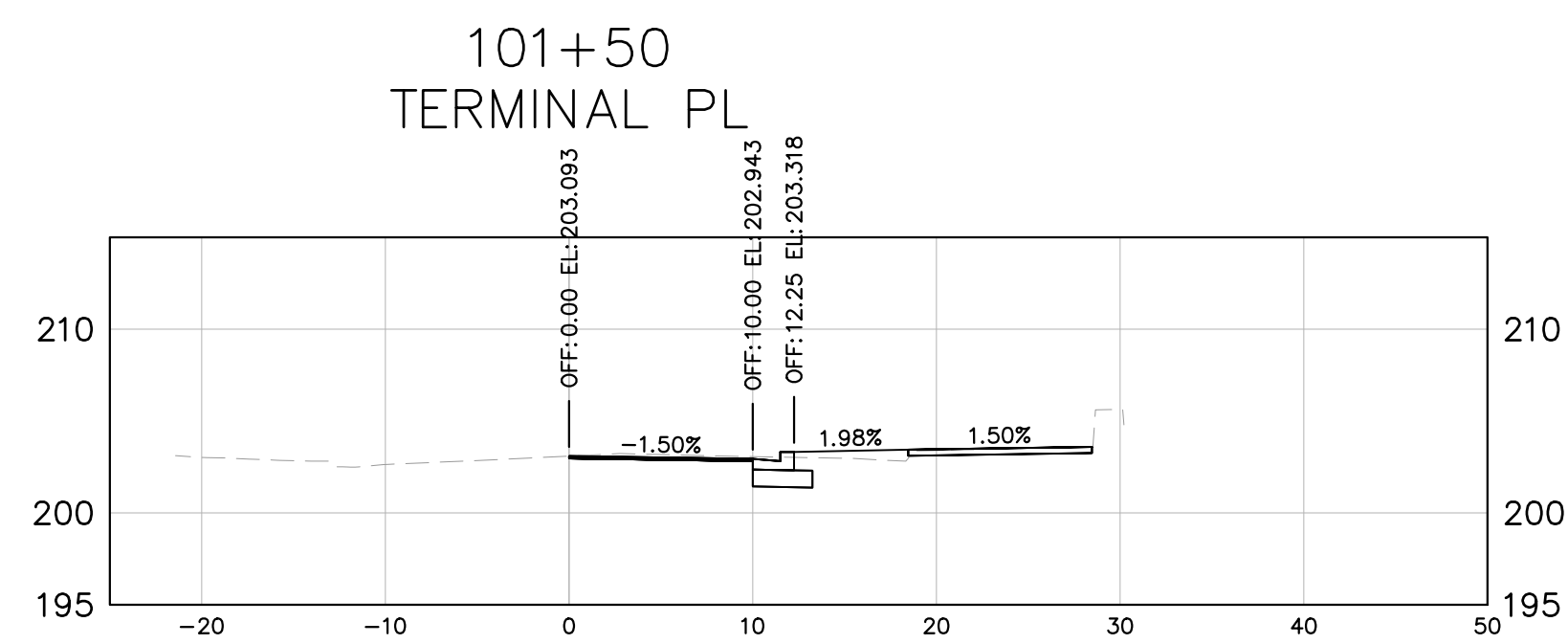
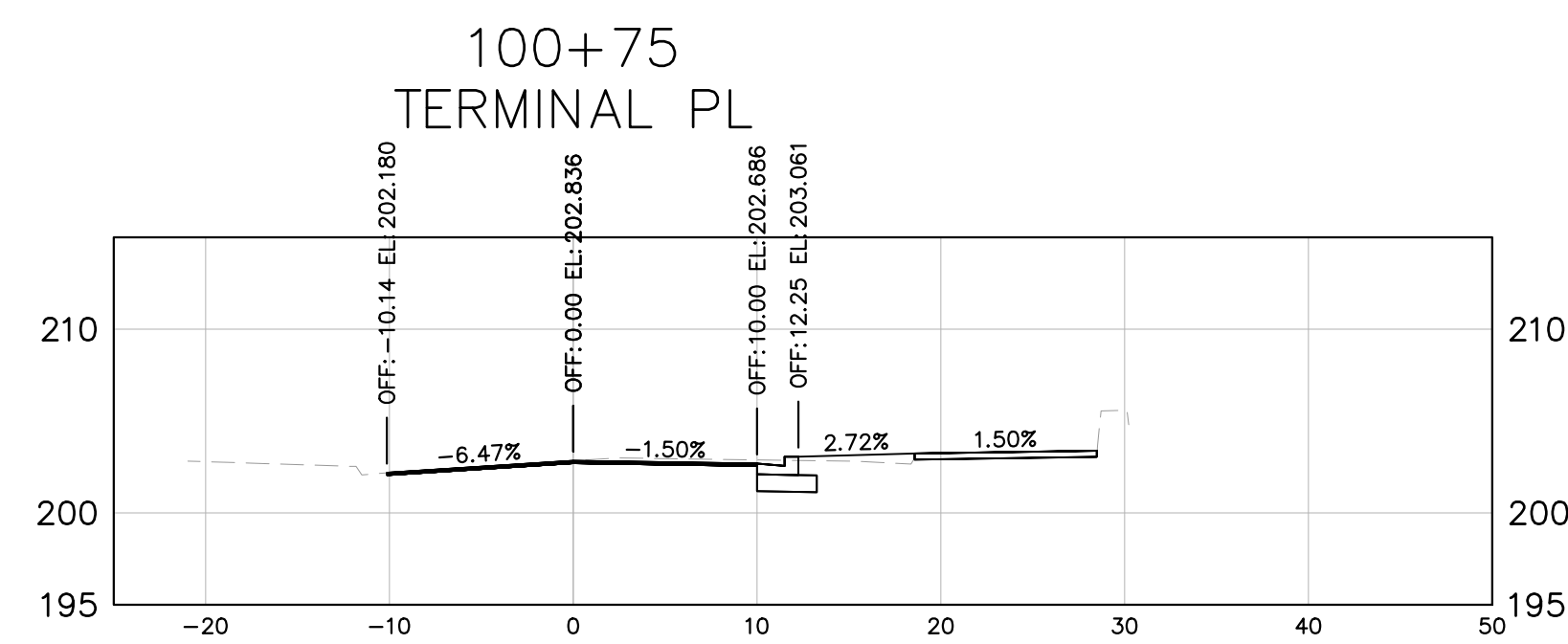
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH
LIGHTING CONDUIT PLAN

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY:	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO		11/21/2025	10(7)	X-XXXXXX
CHECKED BY: AMB					

Drawing name: K:\RIC_TPT01\13457_RIC_Con_0015_SW_Stored Use Path\3 Project Data\CADD\YREF\151408model.dwg XSI Nov 21, 2025 6:17pm by: Stephan Dupont



CROSS SECTION INDEX

XS-1 TO XS-4 TERMINAL PLACE
XS-5 TO XS-21 SHARED USE PATH

LEGEND

- - - - - EXISTING GROUND
 _____ PROPOSED GROUND

RW PLANS

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Kimley-Horn and Associates, Inc.
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CIVIL ENGINEER

No.	REVISIONS	DATE	BY

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2035 Maywill Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel. 804-673-3882



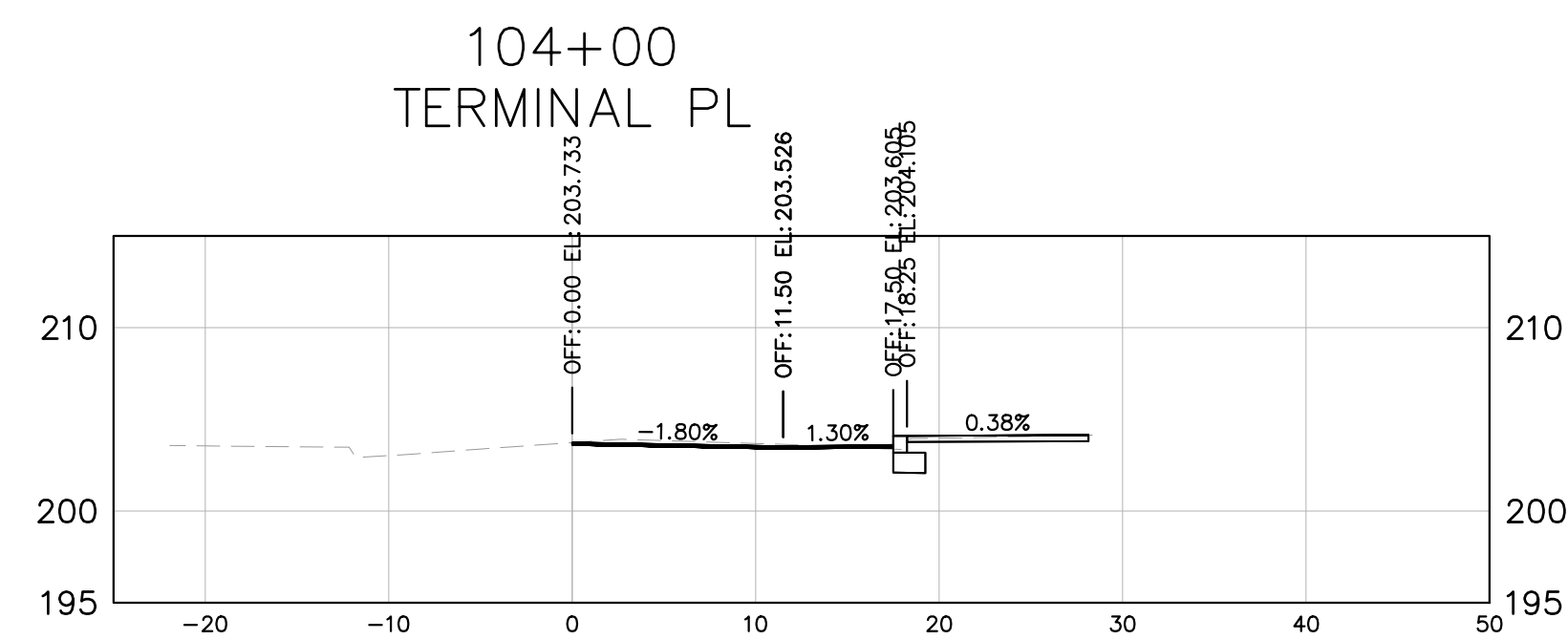
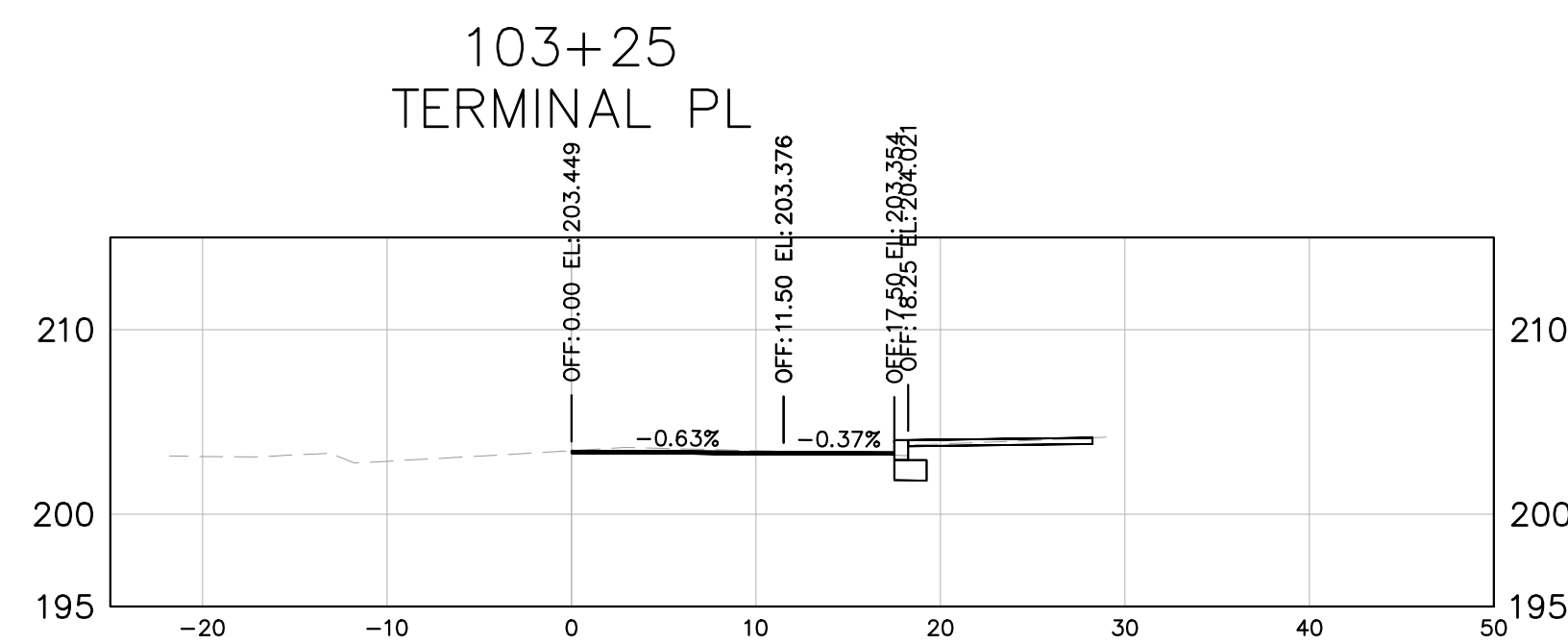
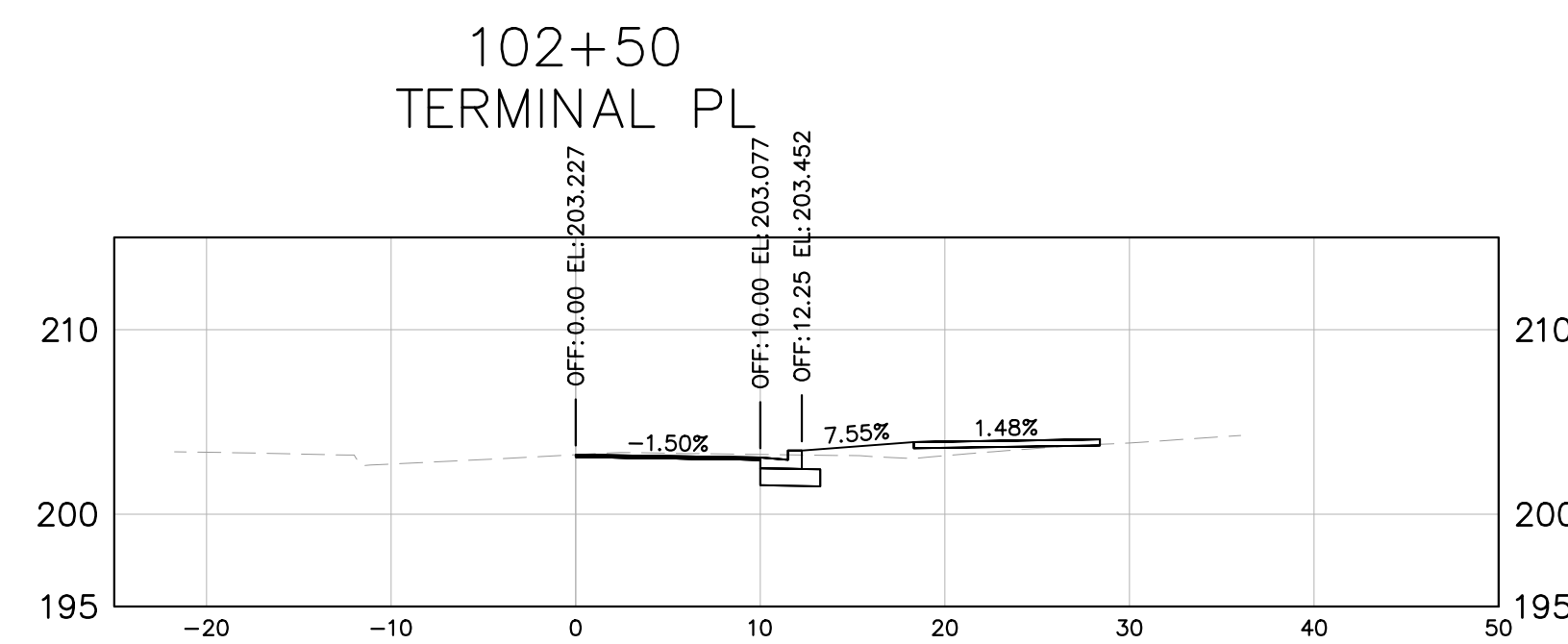
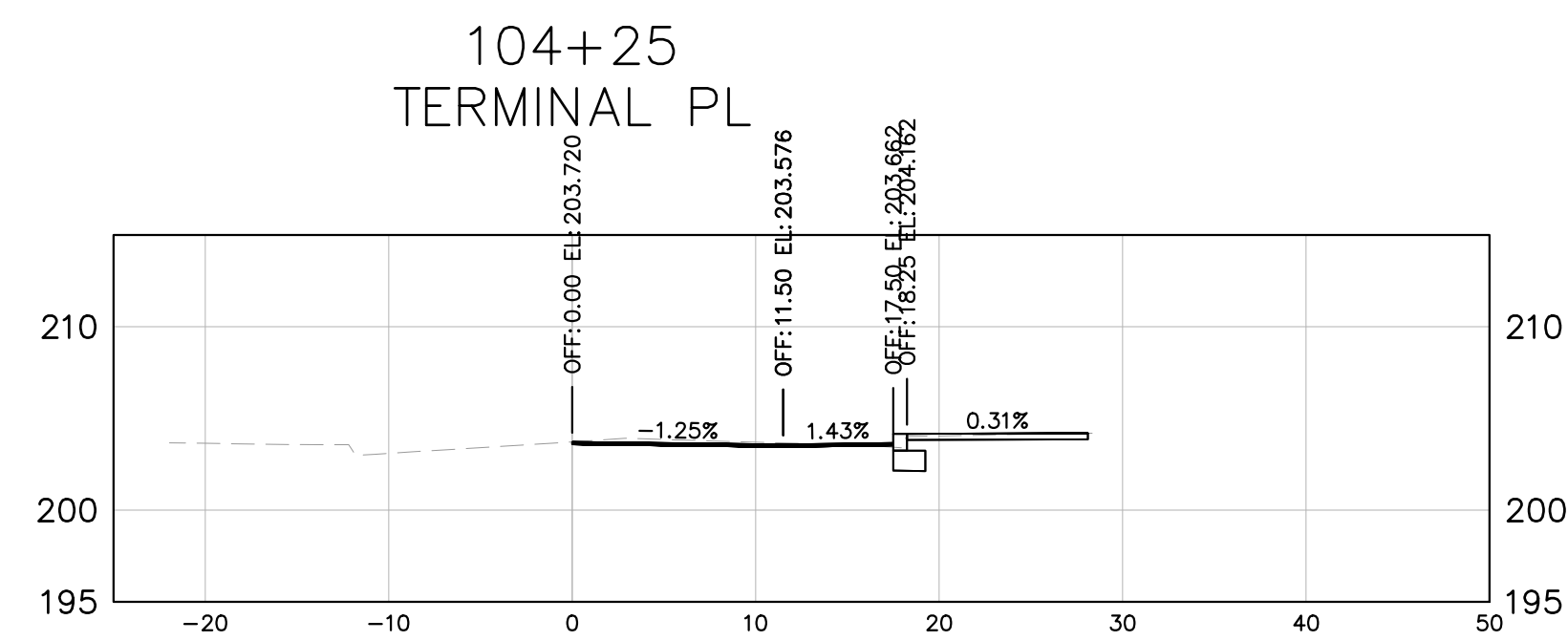
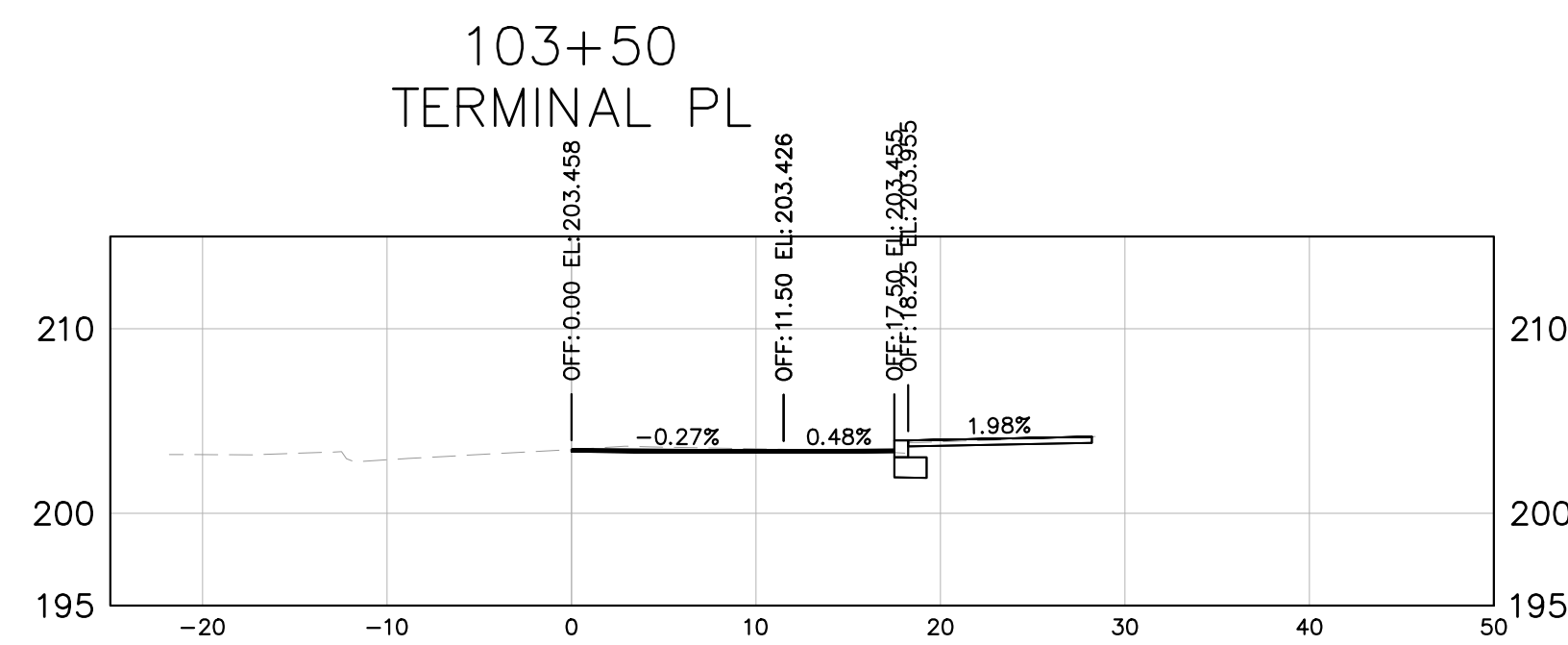
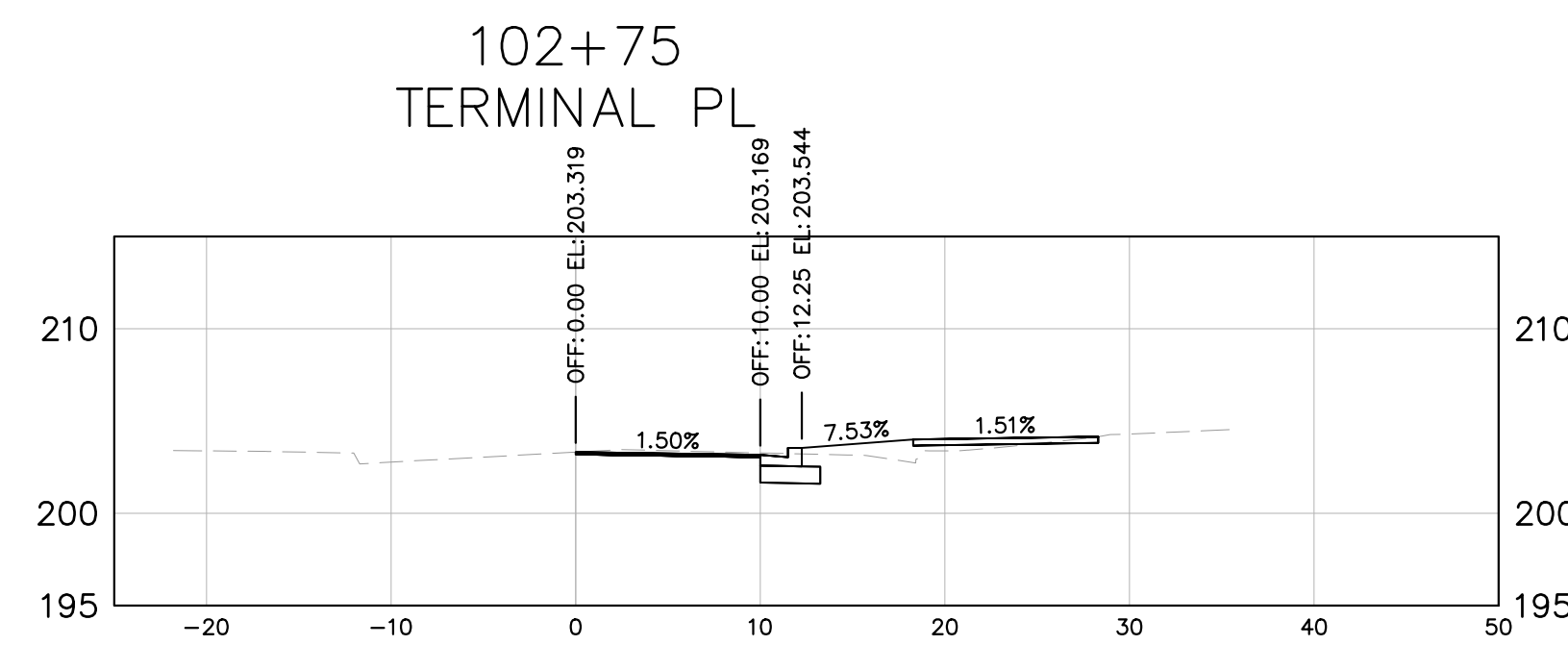
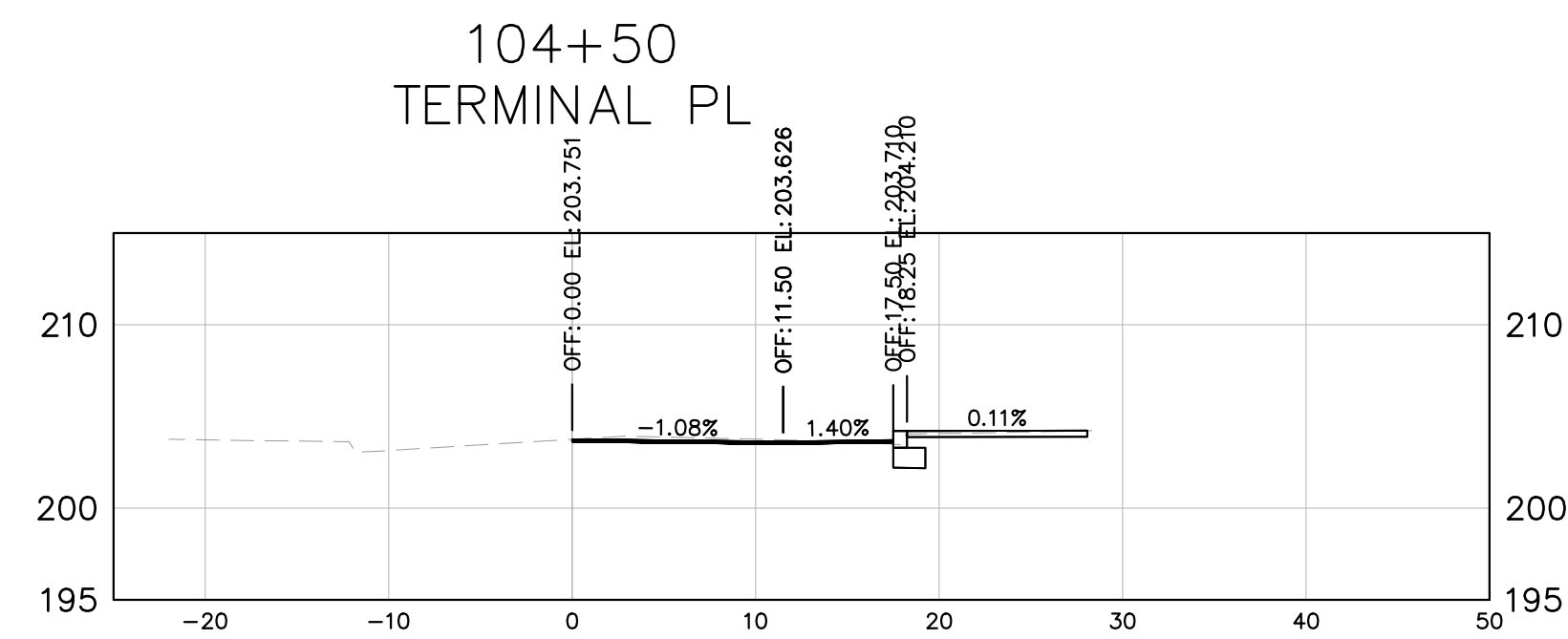
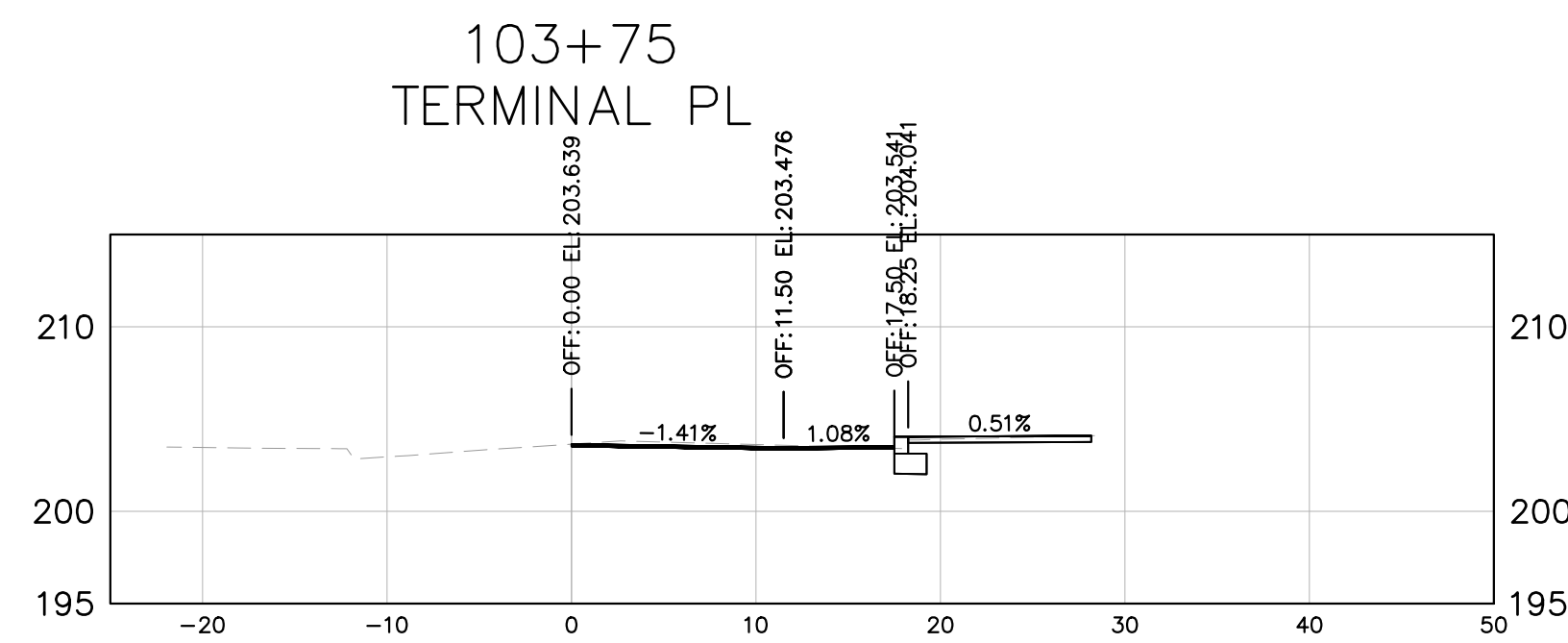
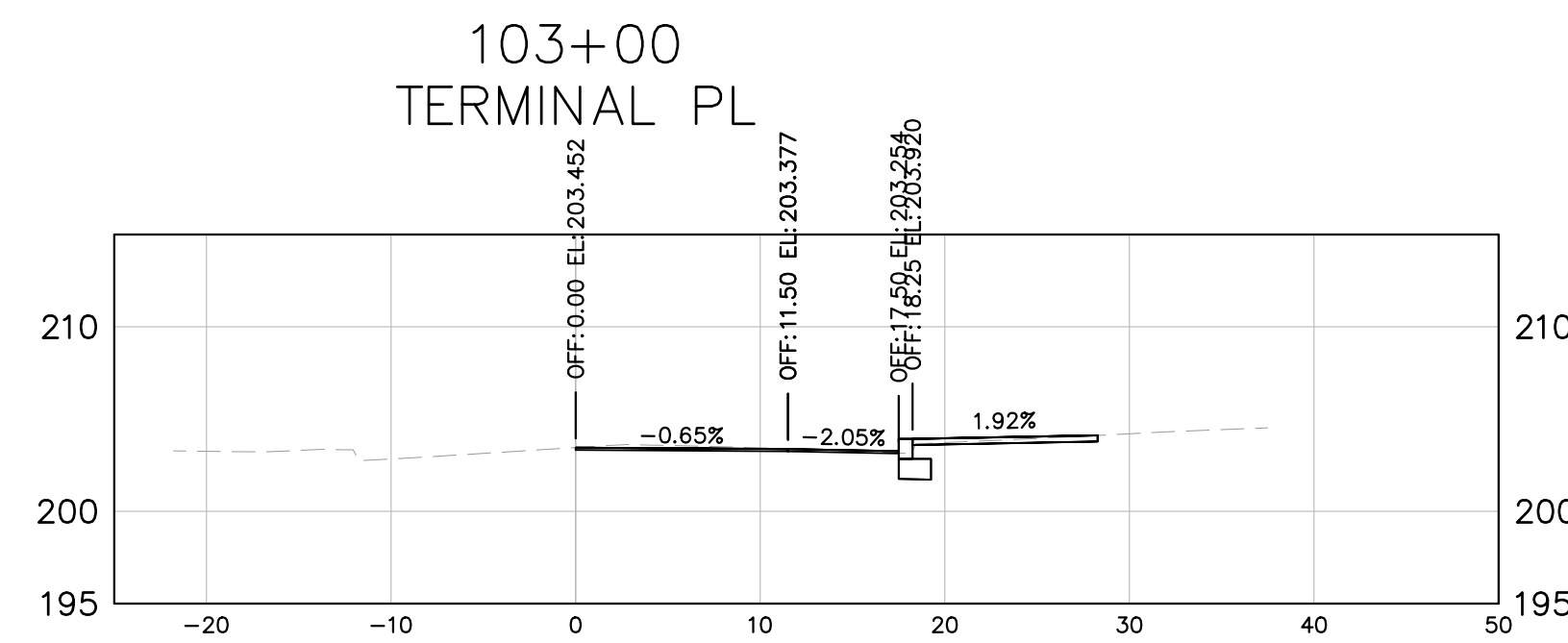
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY:	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO	XS-1	11/21/2025		X-XXXXX
CHECKED BY: AMB					

Drawing name: K:\RIC_TPT01\13457_RIC_On_Call\015_SW_Stored Use Path\3 Project Data\CADD\YREF\DT15408model.dwg X52 Nov 21, 2025 6:17pm by: Stephan Dupont



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Kimley-Horn and Associates, Inc.
2035 Maywill Street, SUITE 200
RICHMOND, VIRGINIA 23230
Tel. 804-673-3882



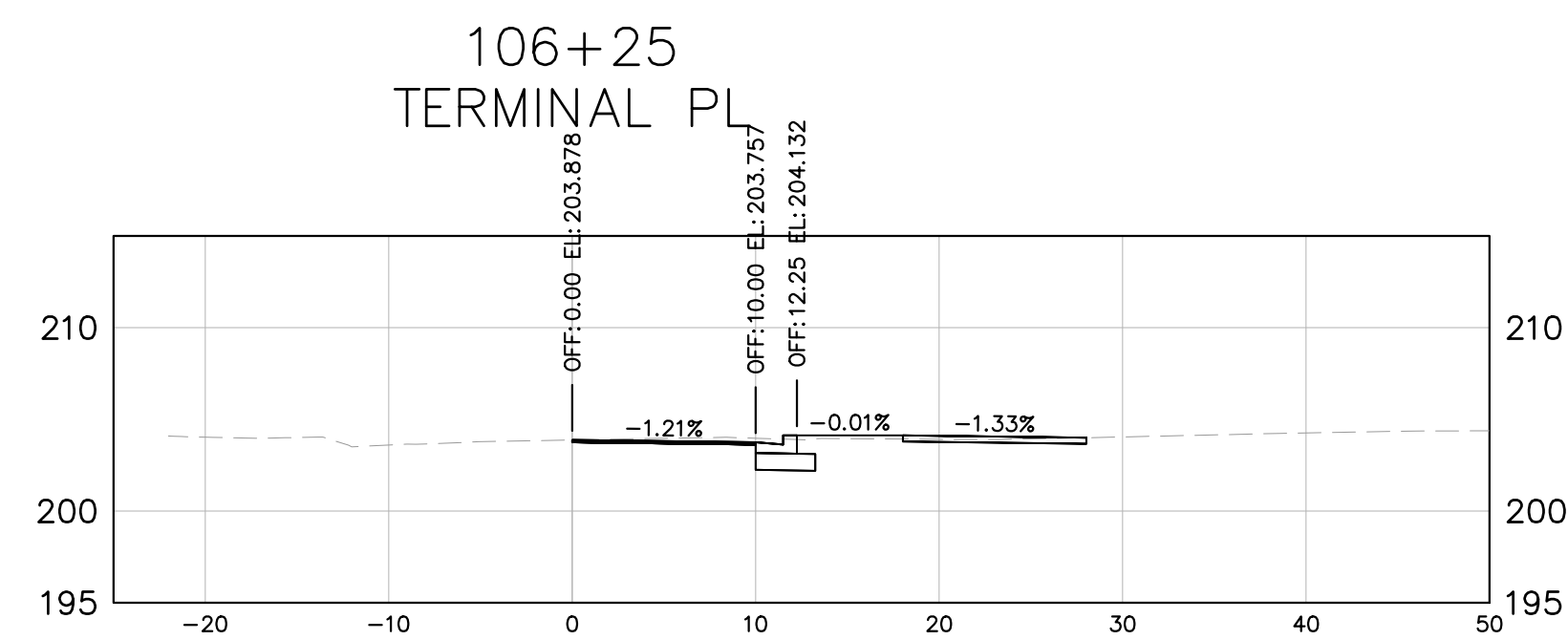
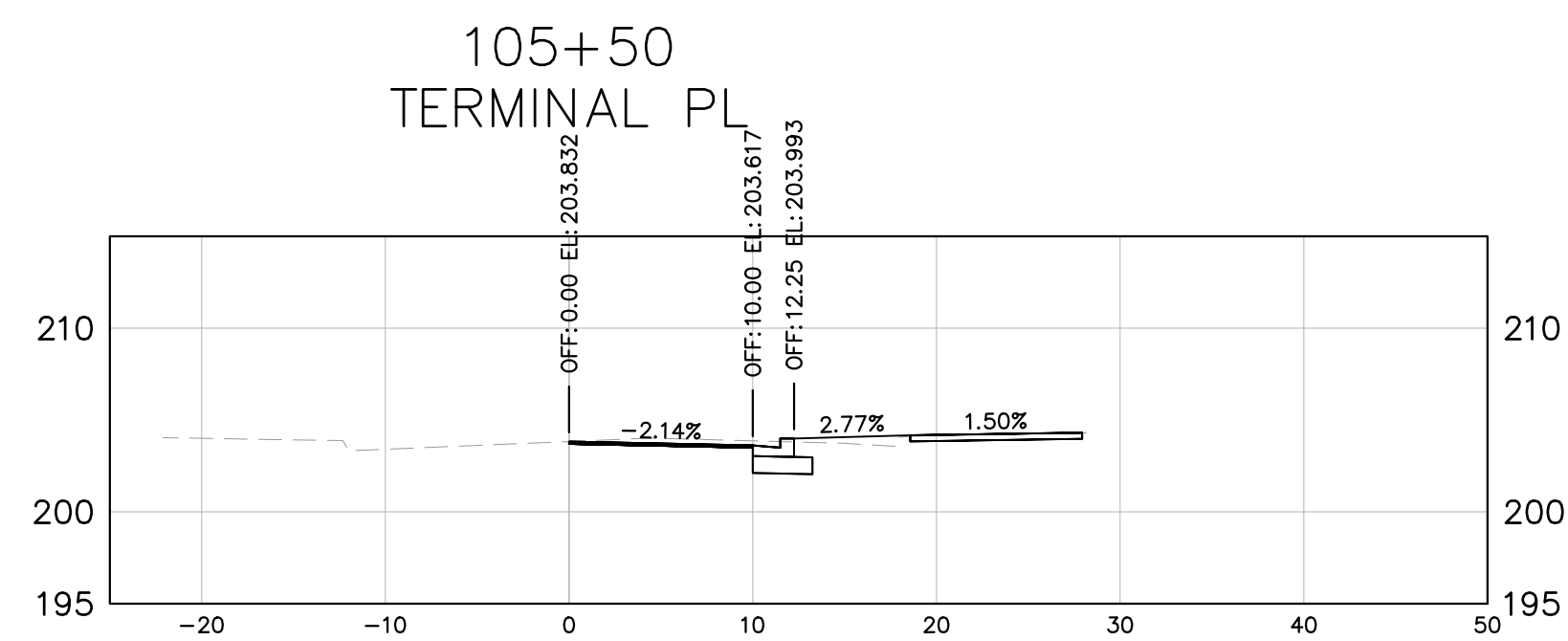
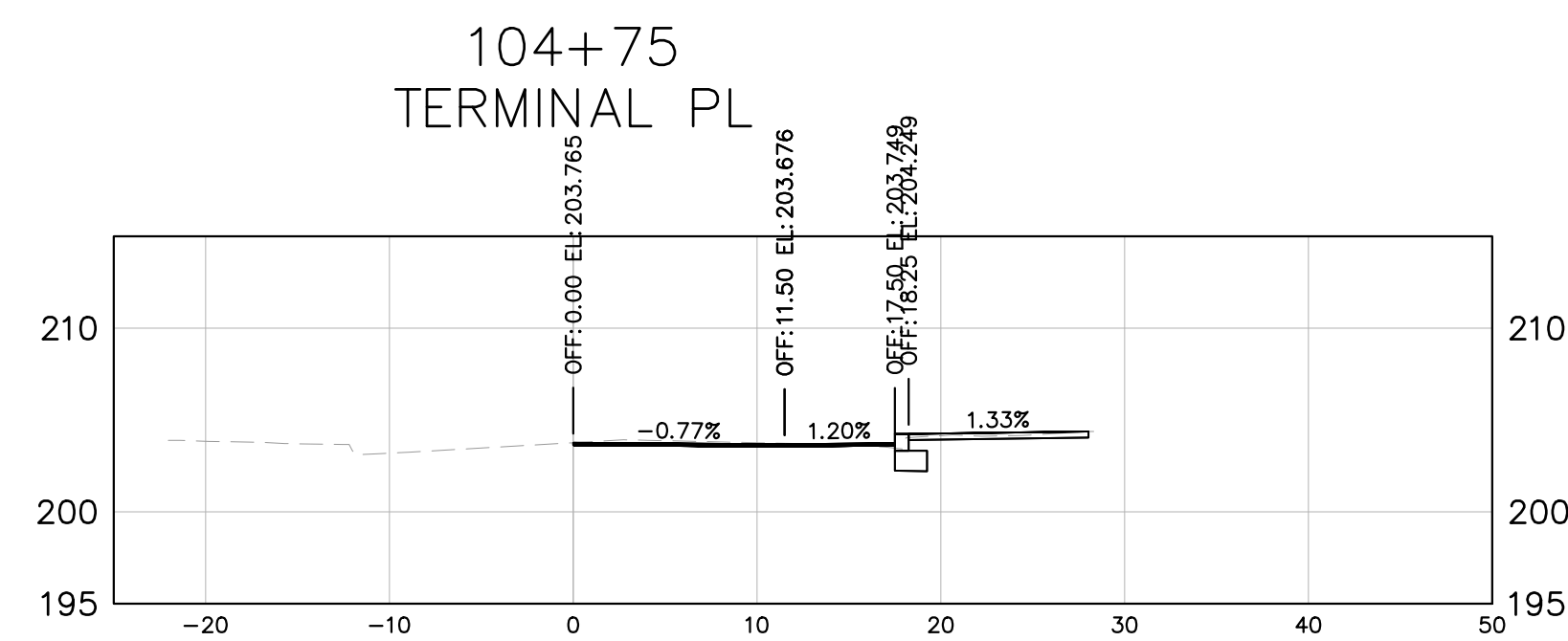
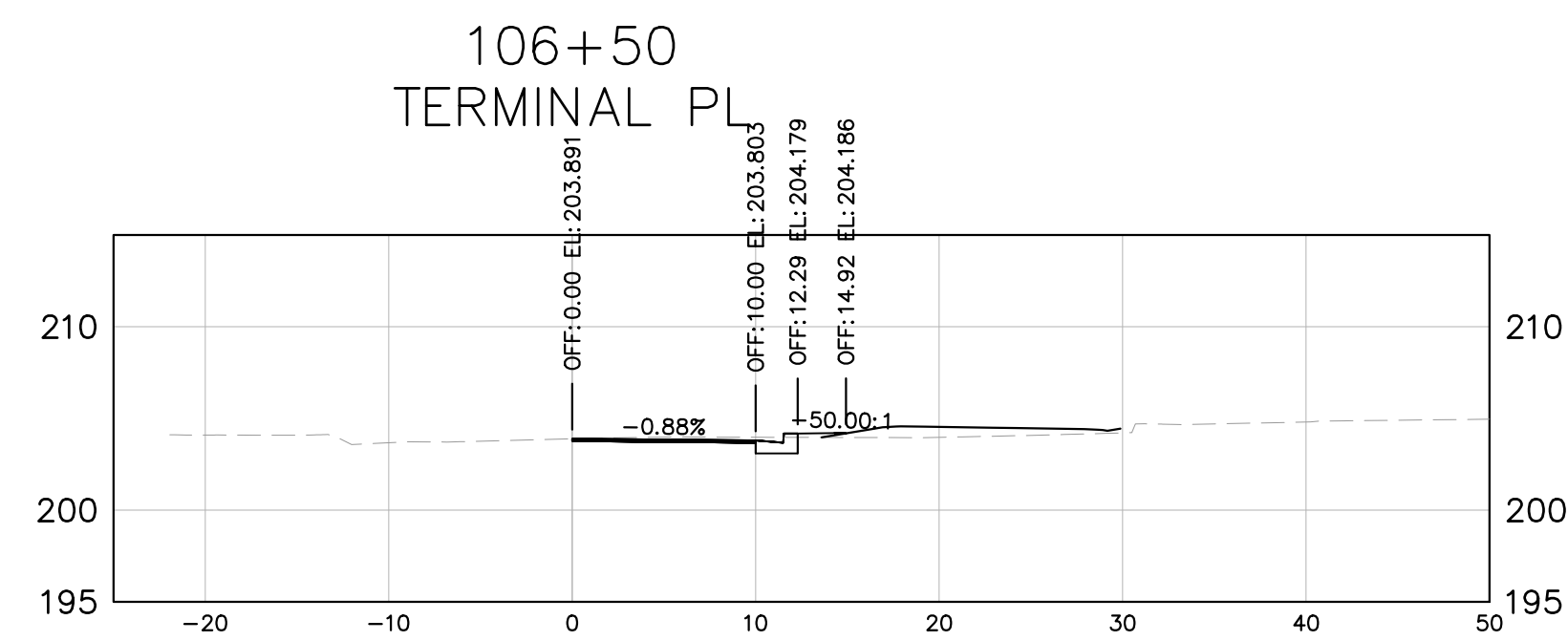
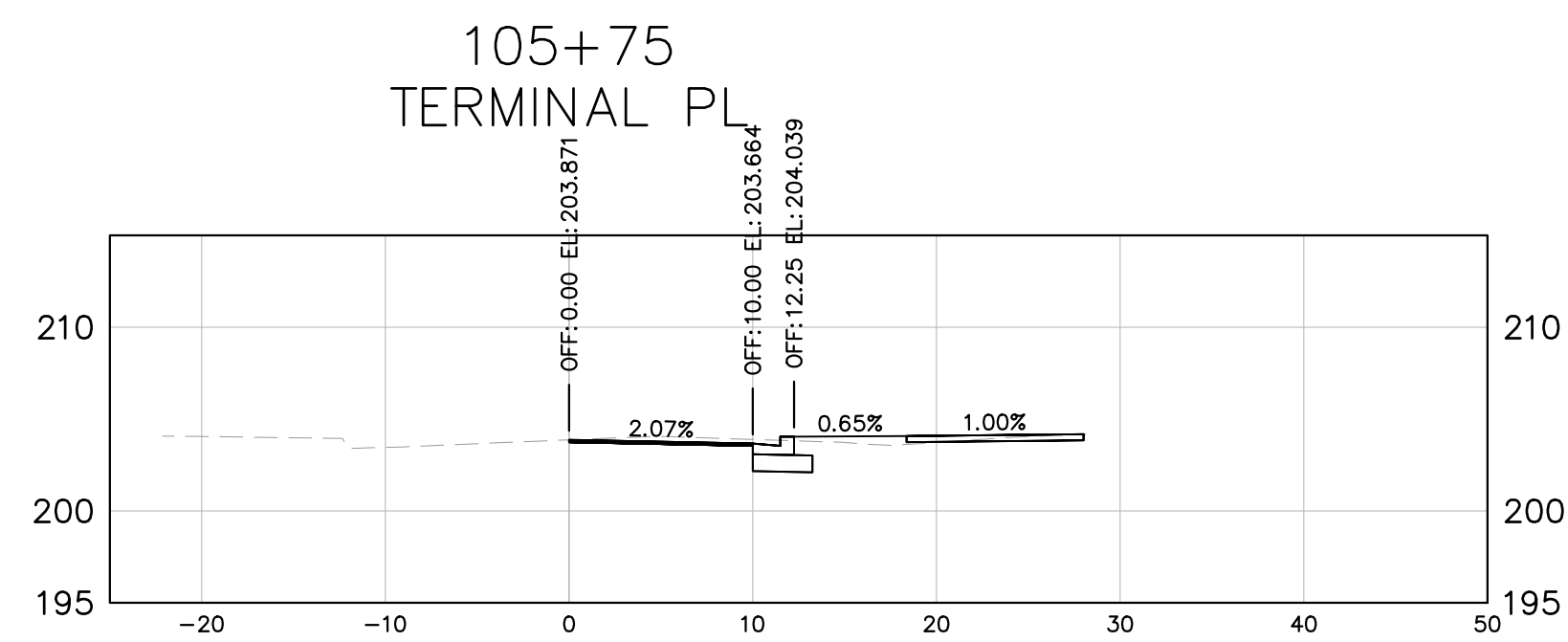
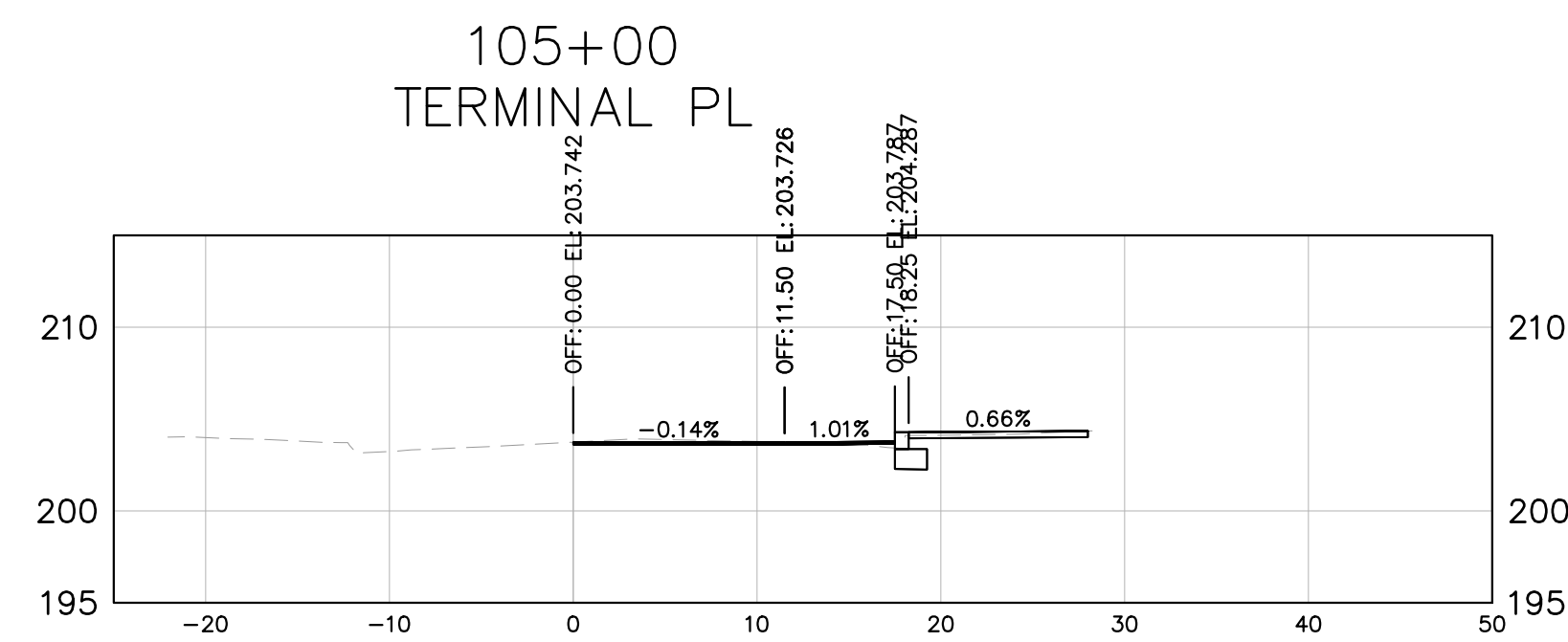
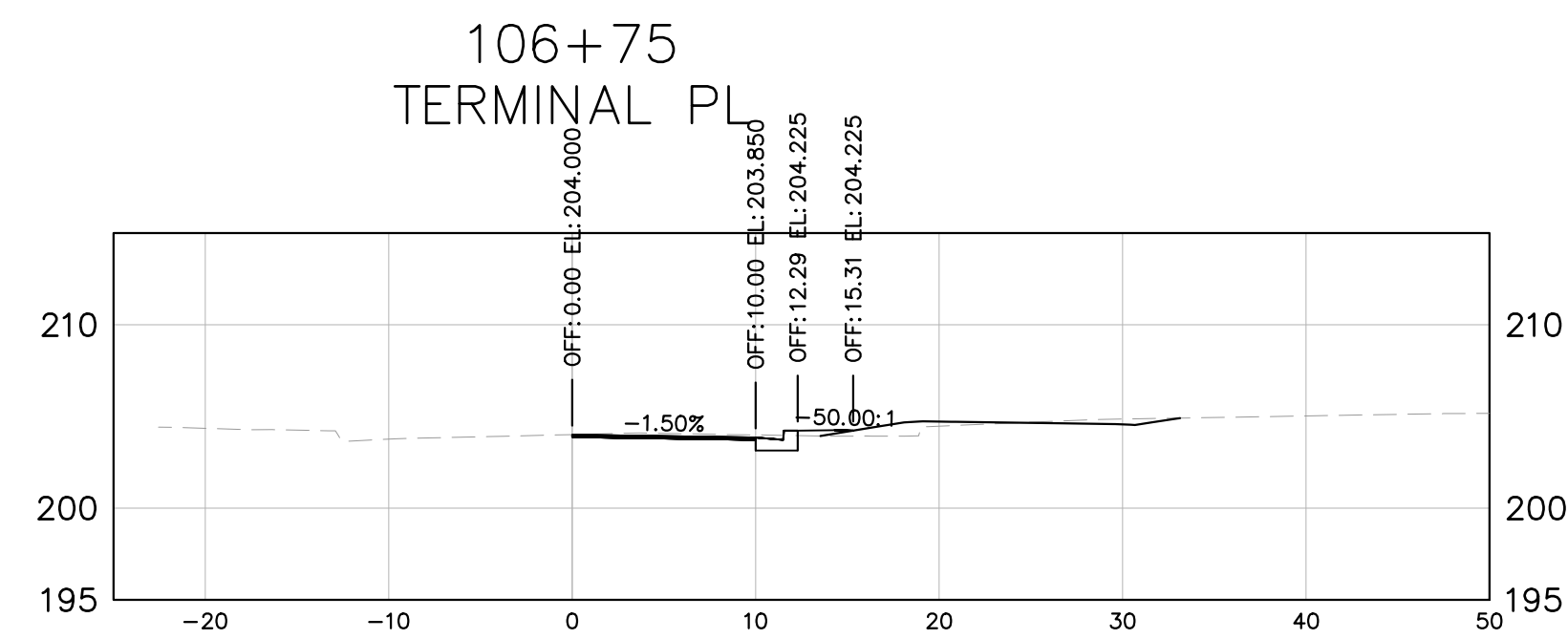
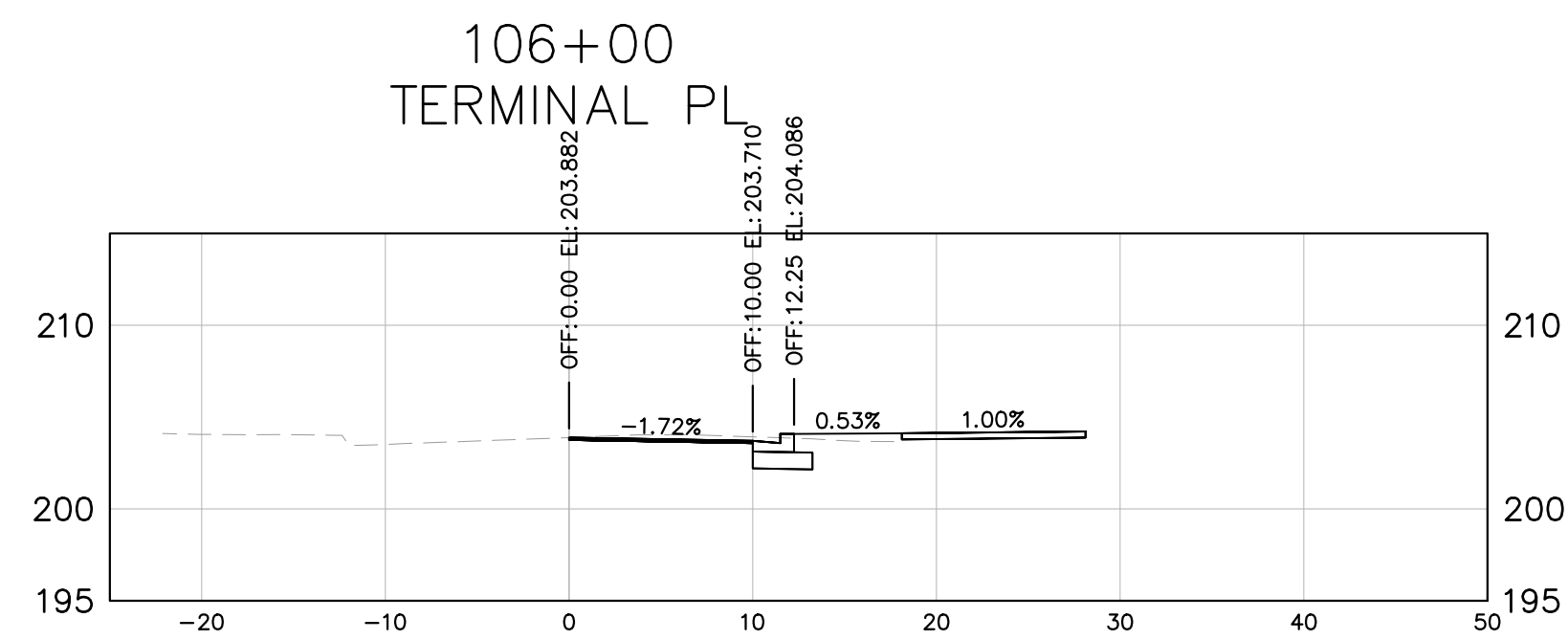
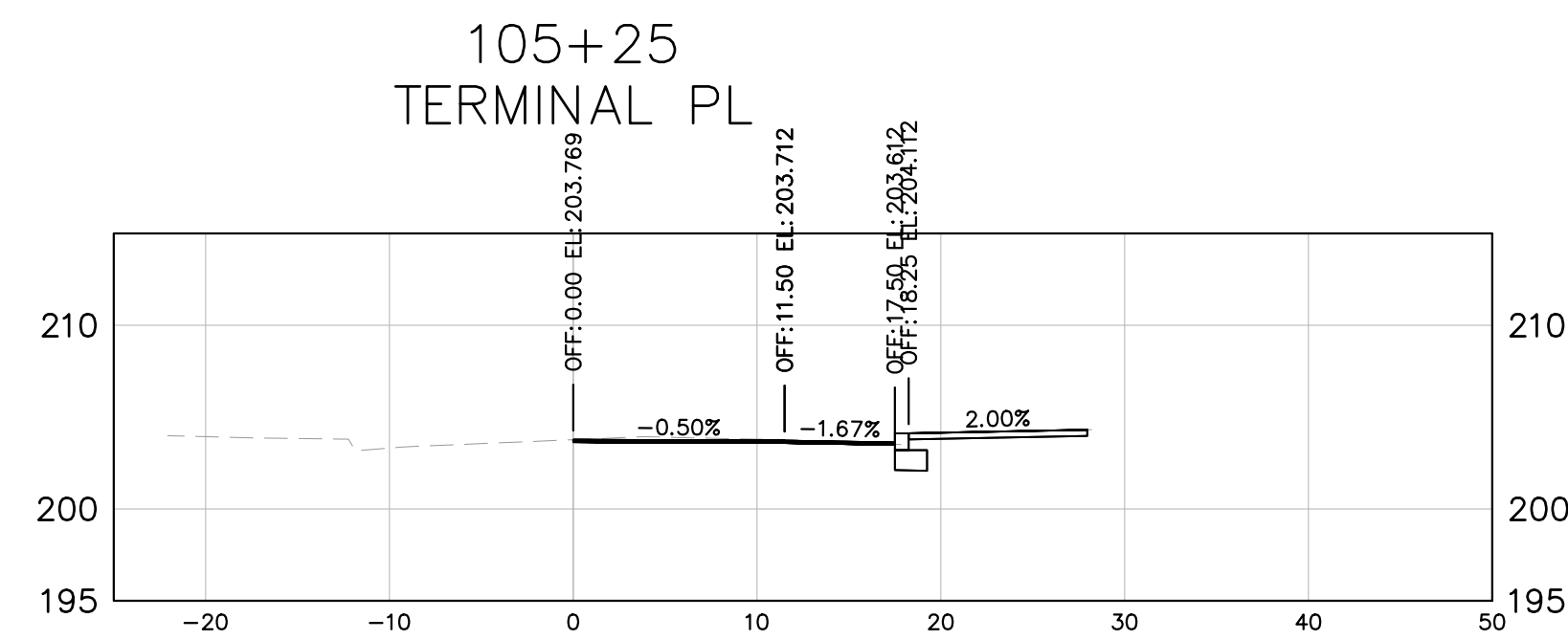
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO	X5-2	11/21/2025		X-XXXXX
CHECKED BY: AMB					

Drawing name: K:\R\CTPT\13457_S\W Shared Use Path\3 Project Data\CADD\VFREF d15408model.dwg X3S Nov 21, 2025 6:17pm by: Stephan.Dupont



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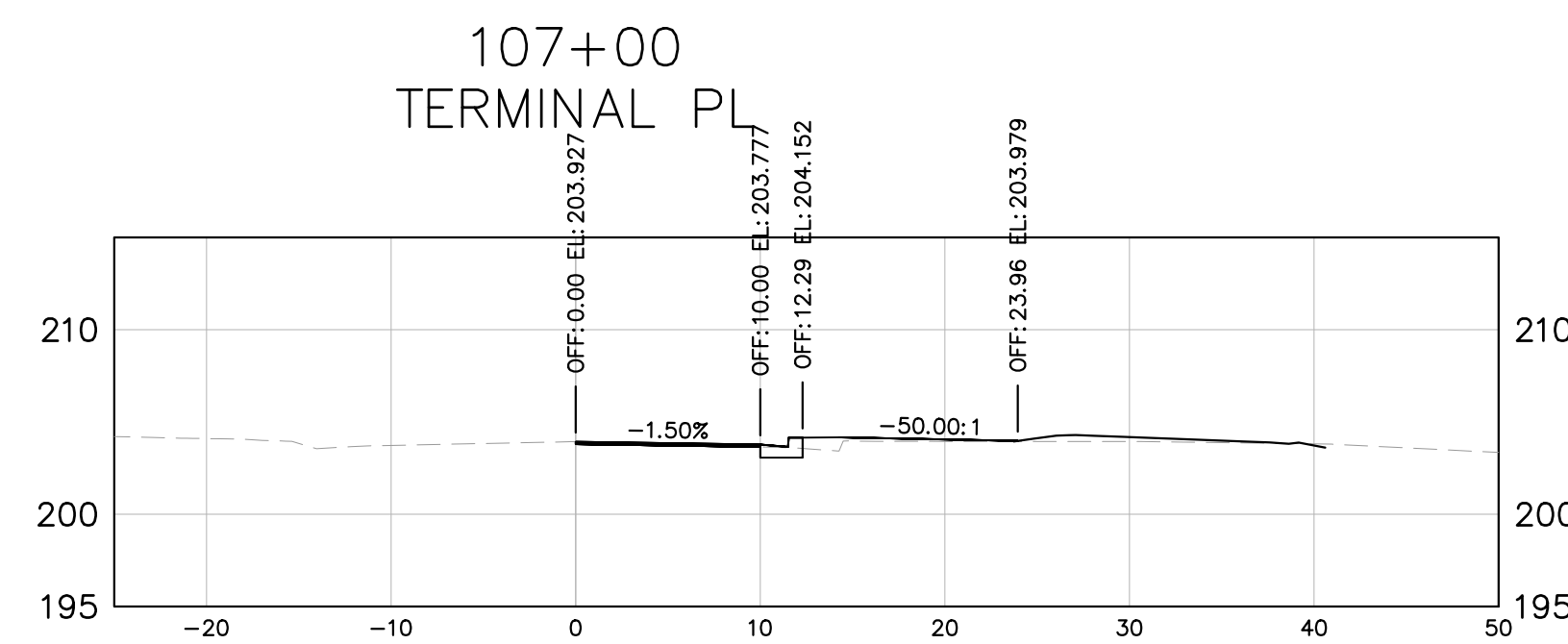
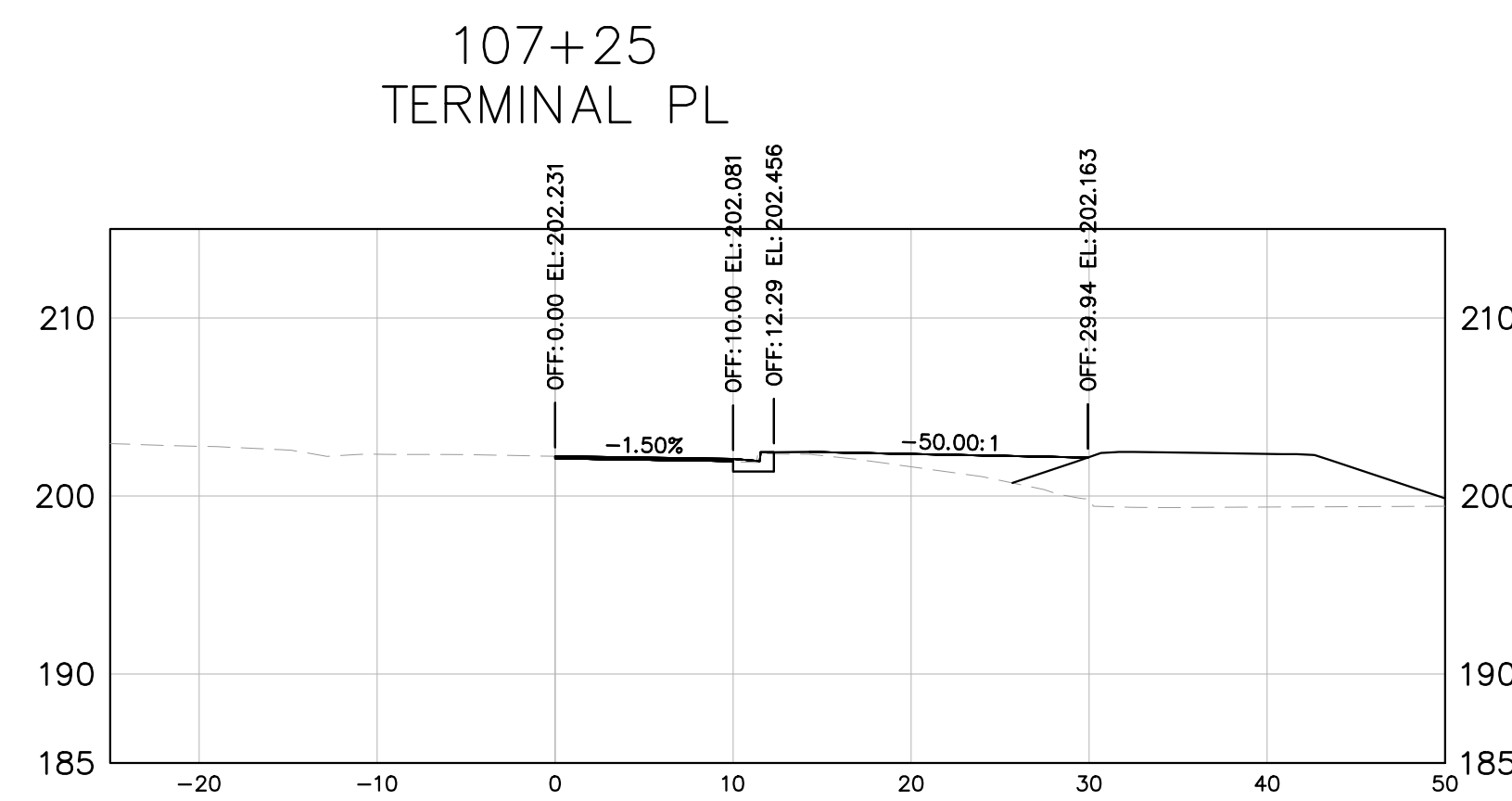
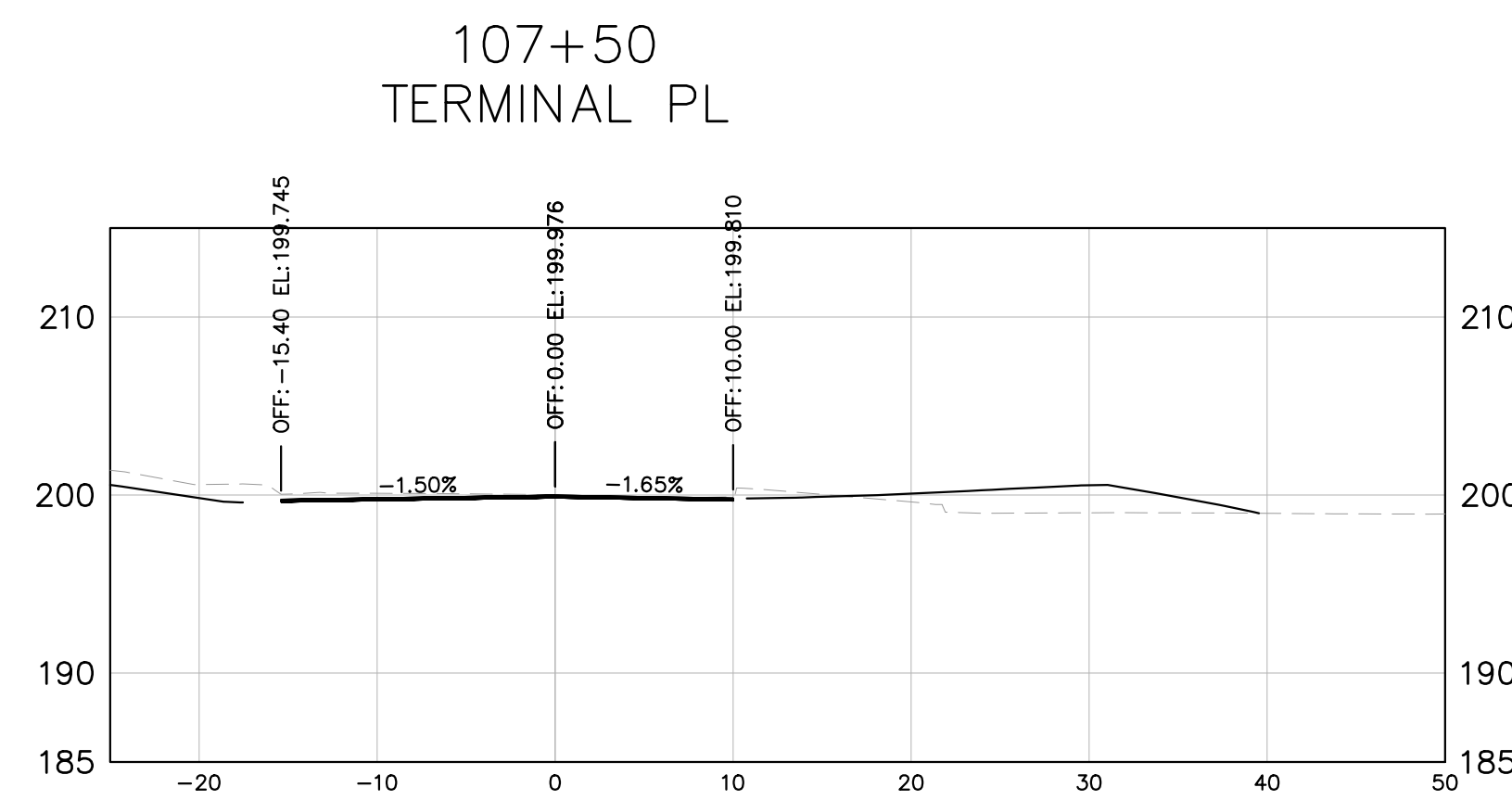
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO	XS-3	11/21/2025		X-XXXXXX
CHECKED BY: AMB					

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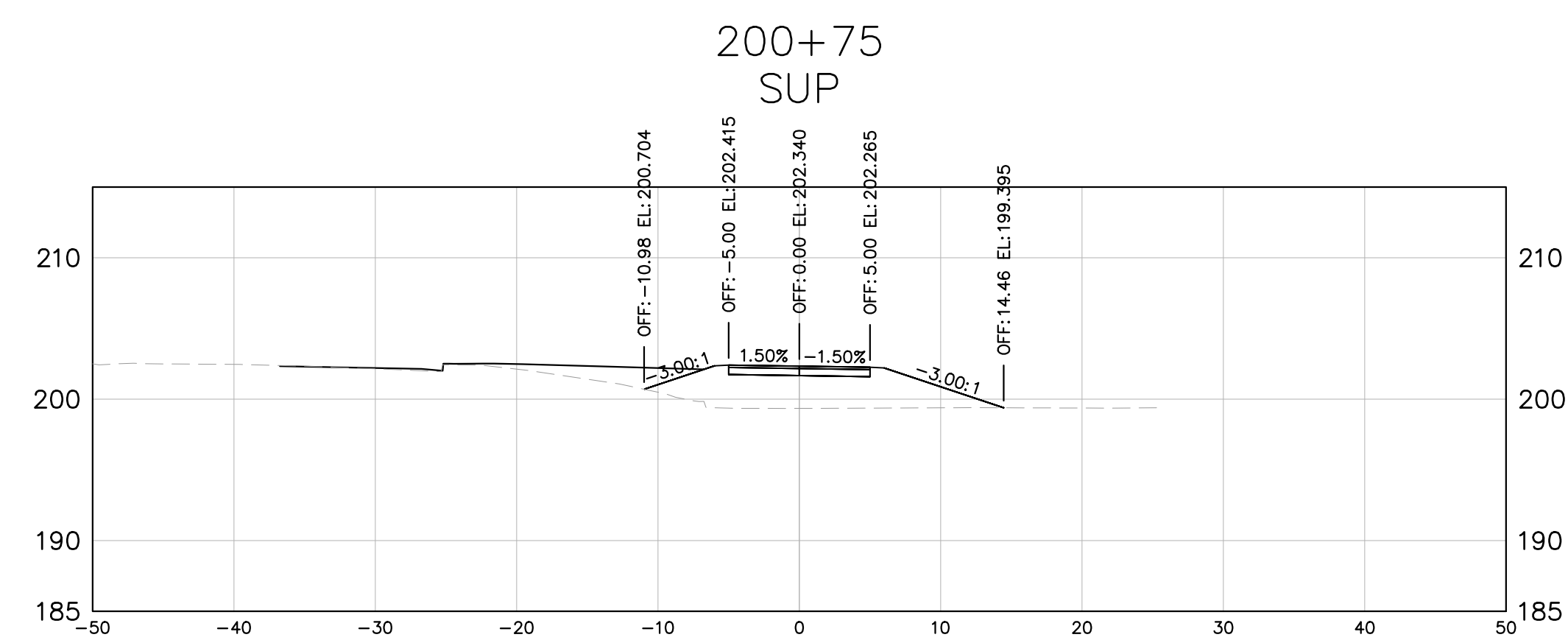
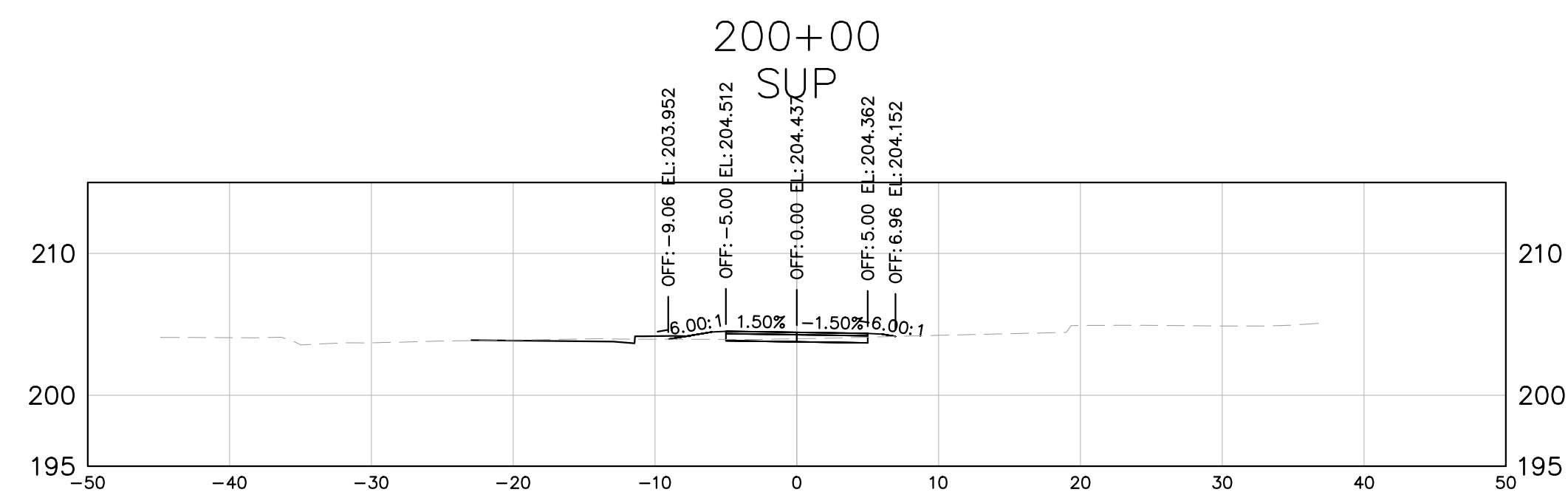
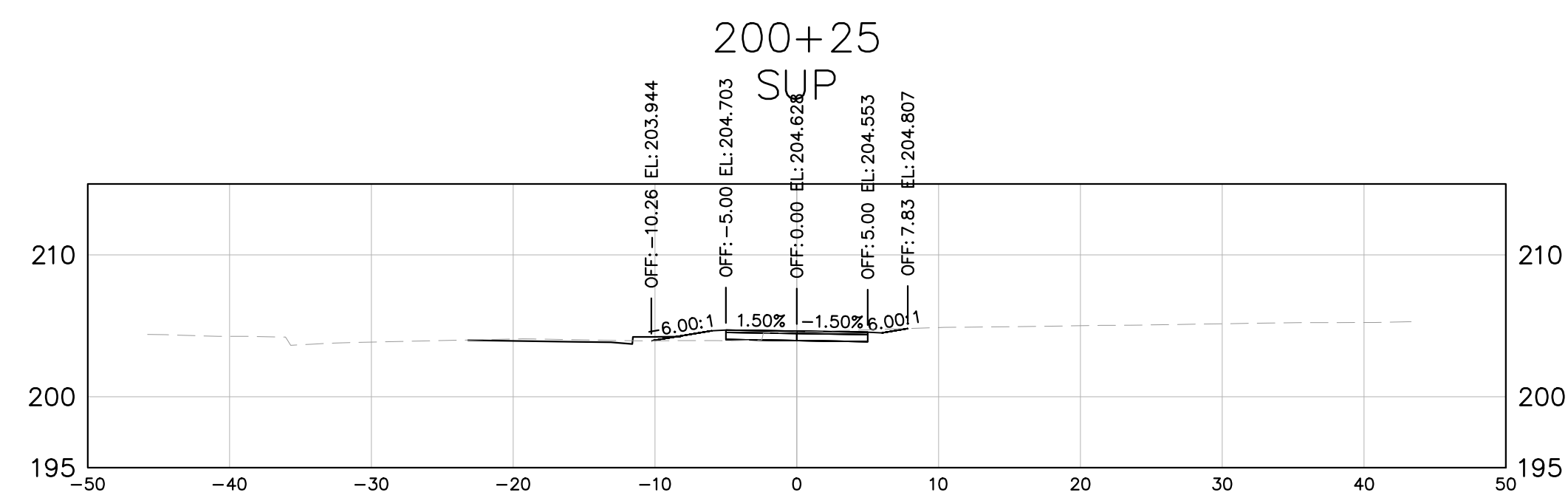
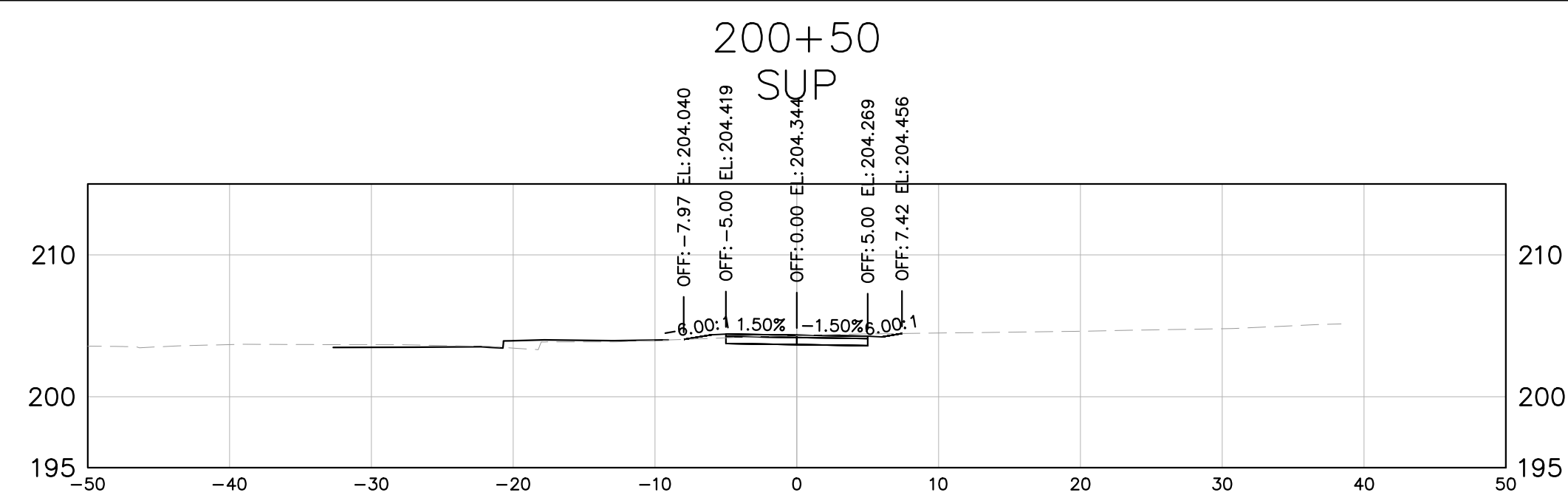
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY:	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO	XS-4	11/21/2025		X-XXXXX
CHECKED BY: AMB					

Drawing name: K:\RIC_TPTIO\113457_RIC_On_Call\015_SMW_Shared Use Path\3_Project Data\CADD\VFREF\dt15408model.dwg X5S Nov 21, 2025 6:17pm by: Stephan Dupont



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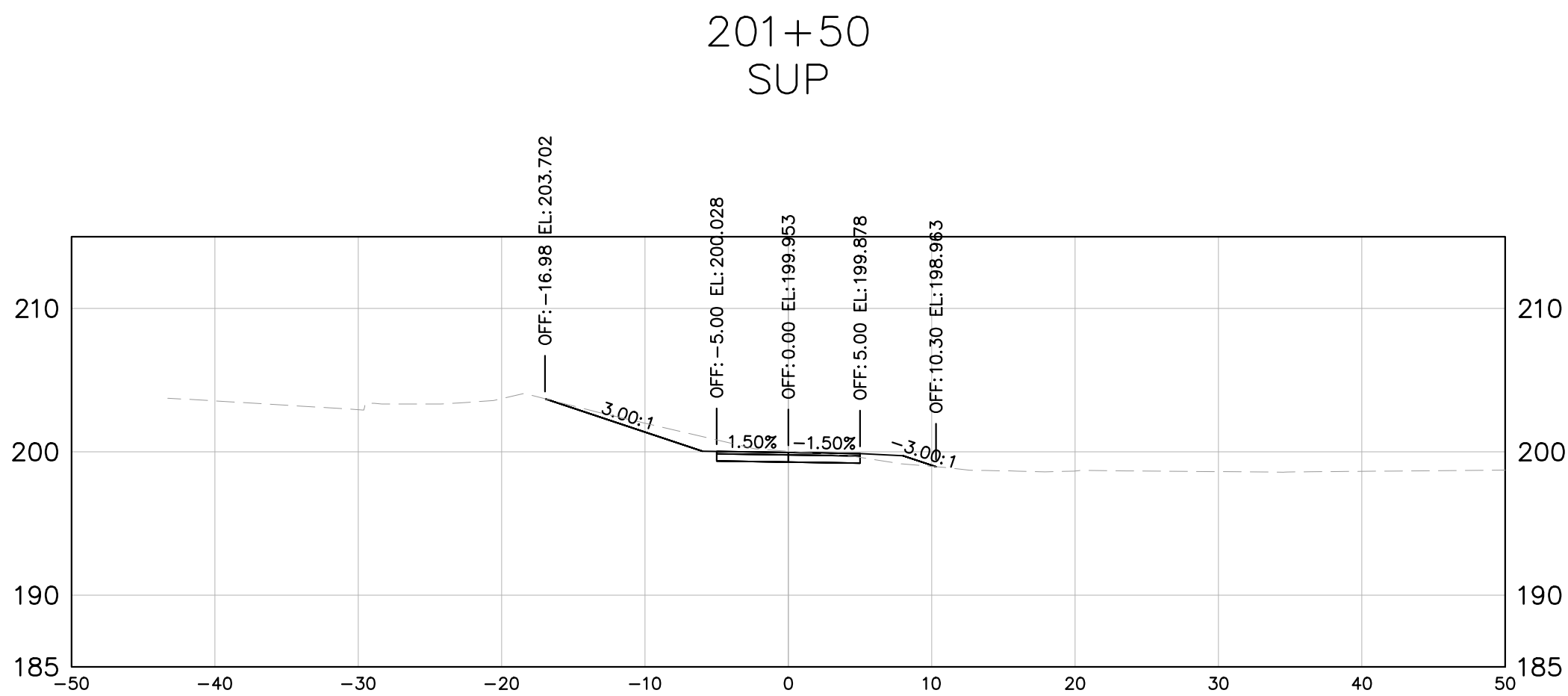
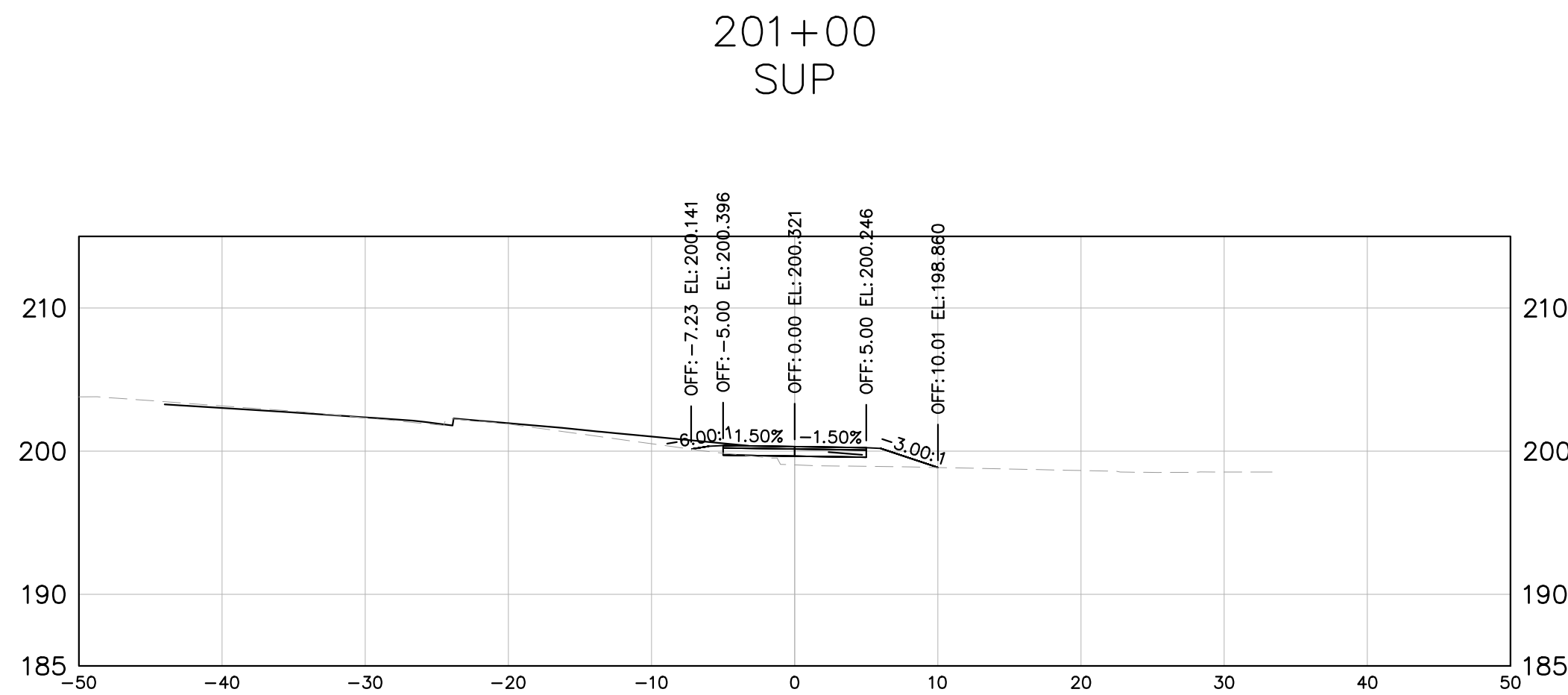
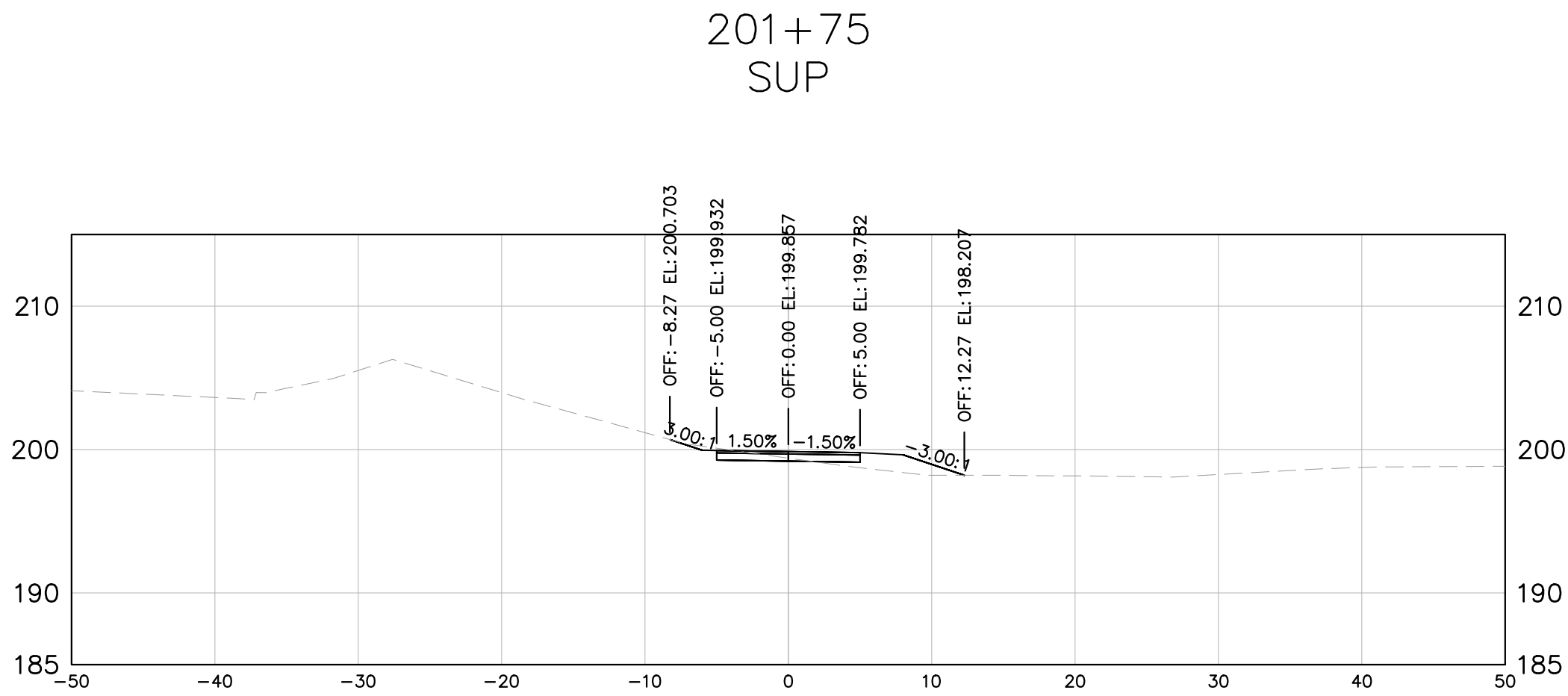
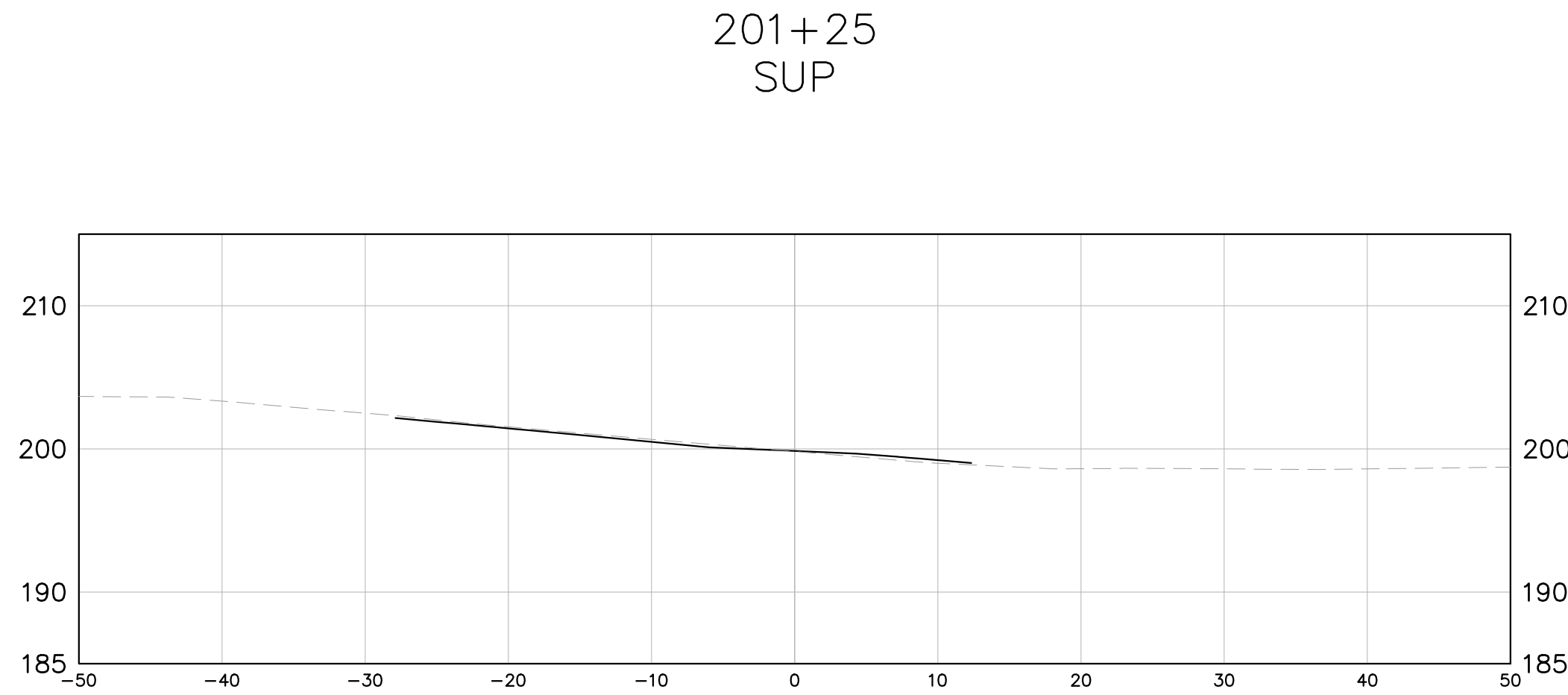
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY		SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO		XS-5	11/21/2025		X-XXXXXX
CHECKED BY: AMB						

Drawing name: K:\RCD\PROJECTS\113457_RCD\015_SNV Shared Use Path\3 Project Data\CADD\XREF\6115408model.dwg XSB Nov 21, 2025 7:30pm by: Alysa.Baird
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RICHMOND, VIRGINIA 23230
Tel: 804-675-5882



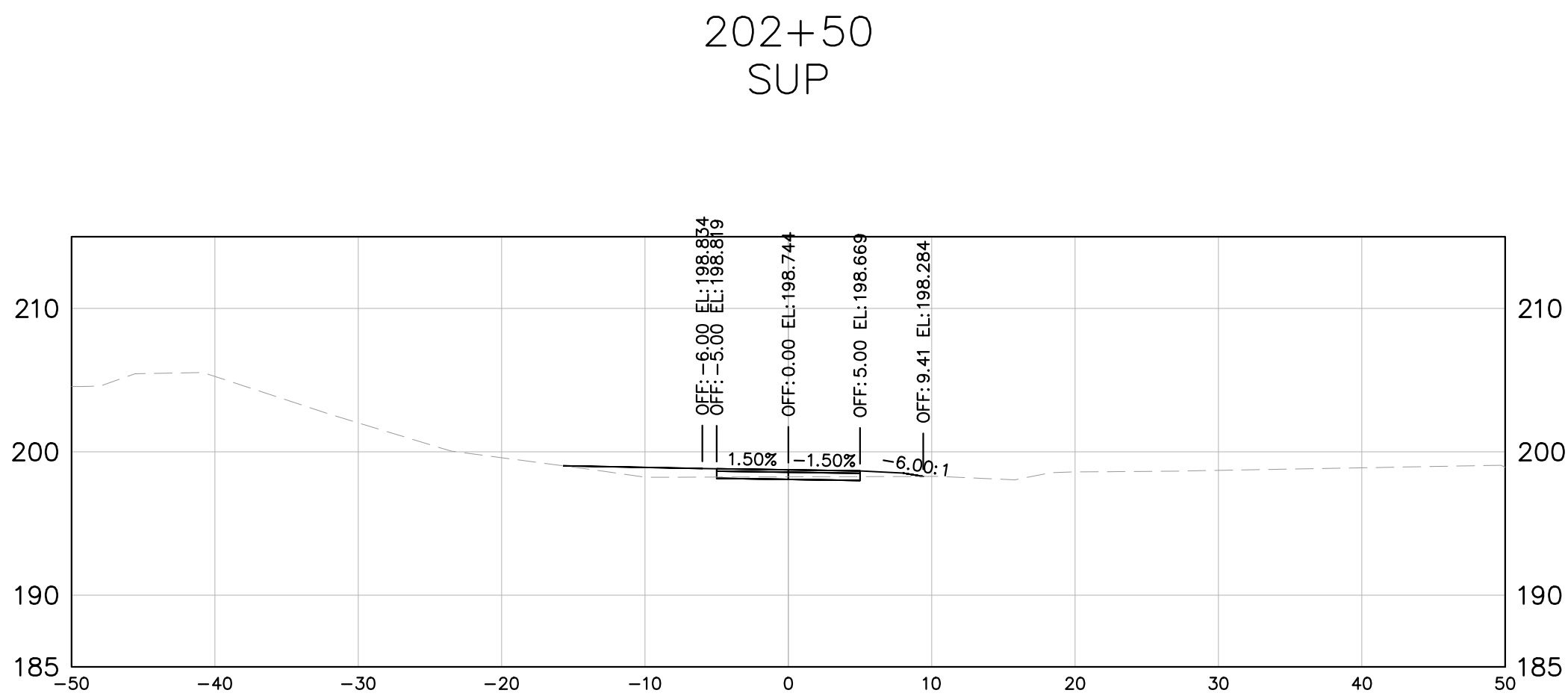
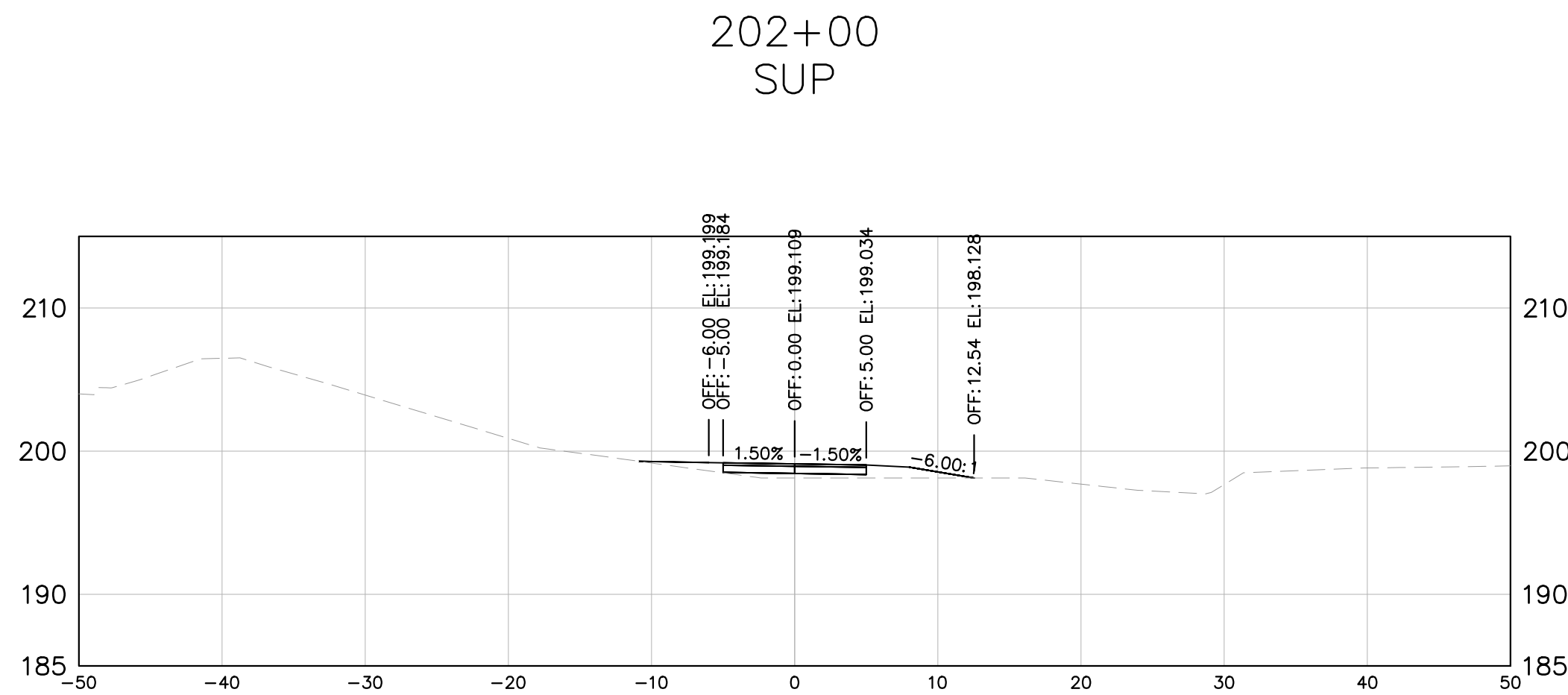
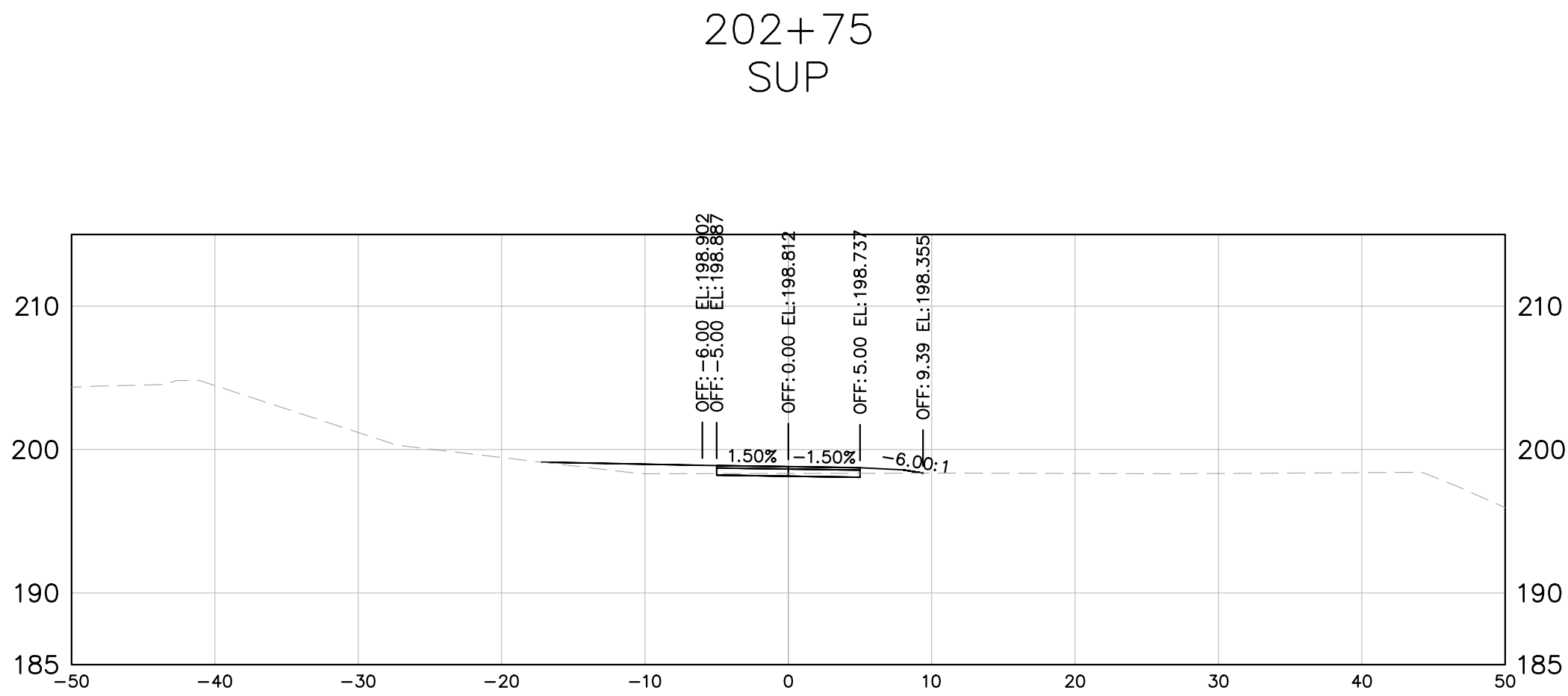
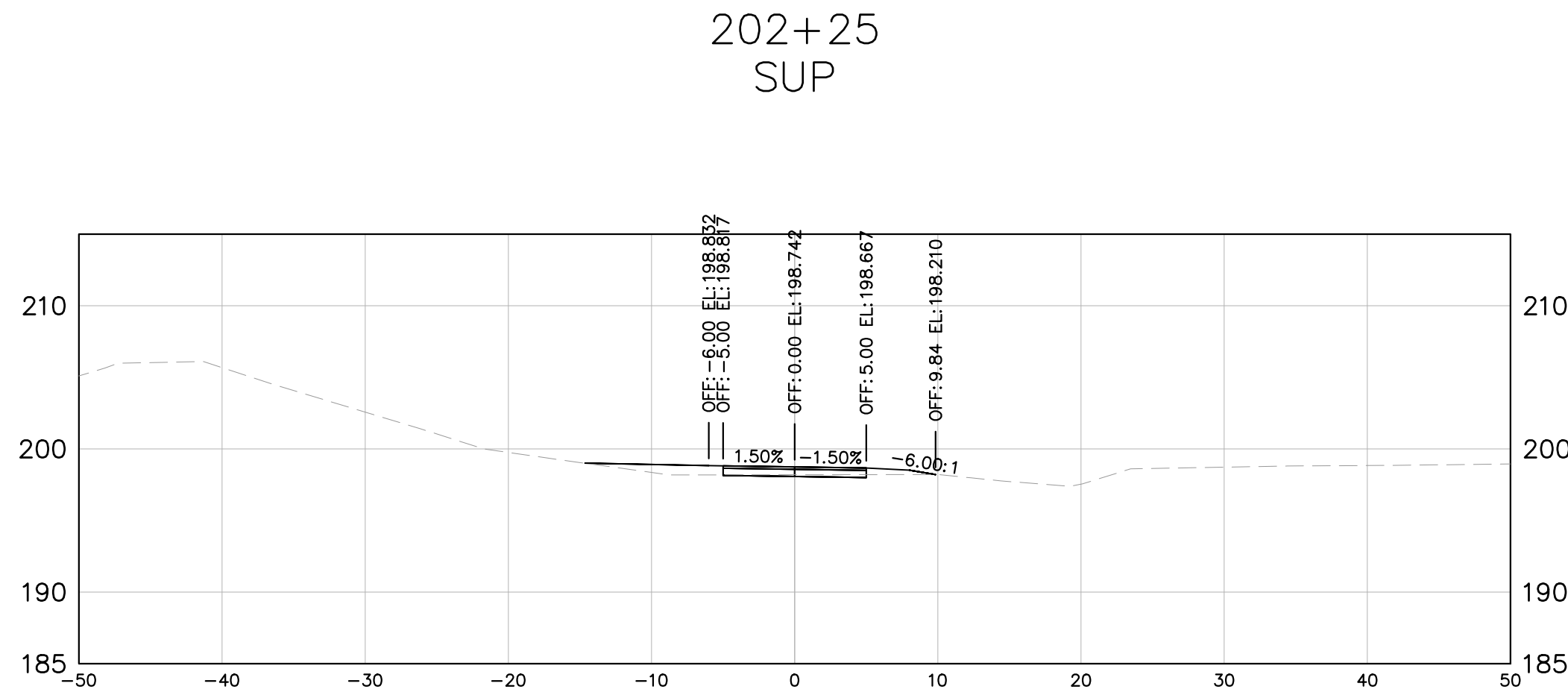
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, CS01

DESIGN BY: AMB	REVIEWED BY: JHO	SCALE: XS-6	DATE: 11/21/2025	SHEET	DRAWING NO. X-XXXXX
DRAWN BY: SDB	CHECKED BY: AMB				

Drawing name: K:\RCD-IP\01113457_RCD-01\015_SNV Shared Use Path\3 Project Data\CADD\XREF\0115408model.dwg XS7 Nov 21, 2025 7:30pm by: AlysaBaird
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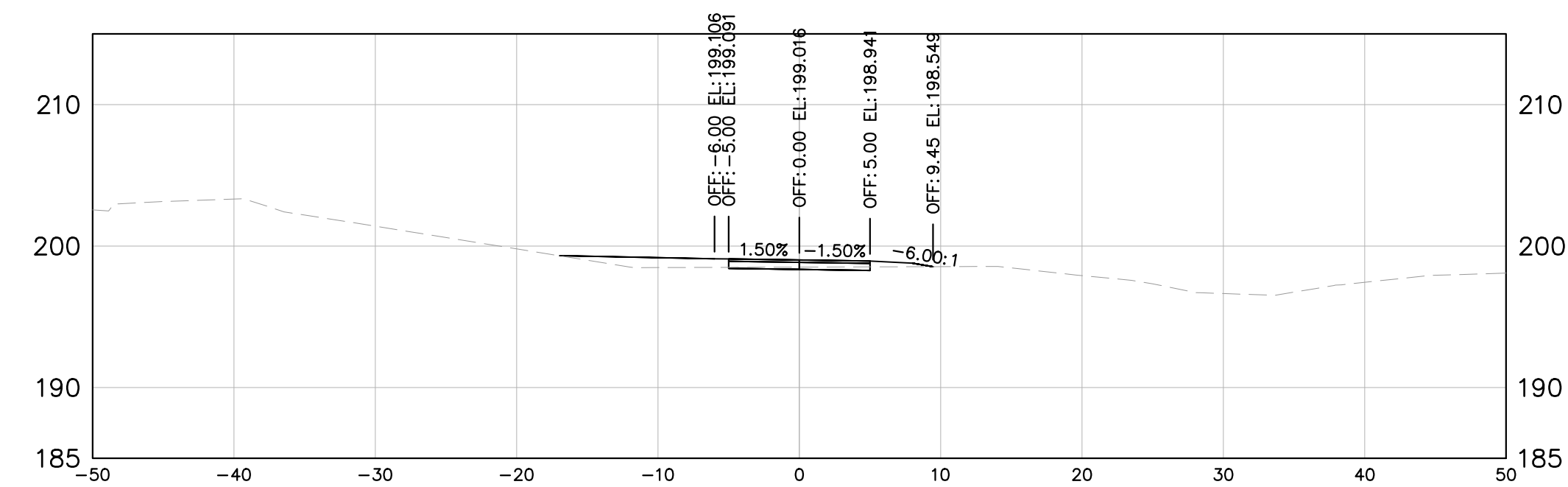
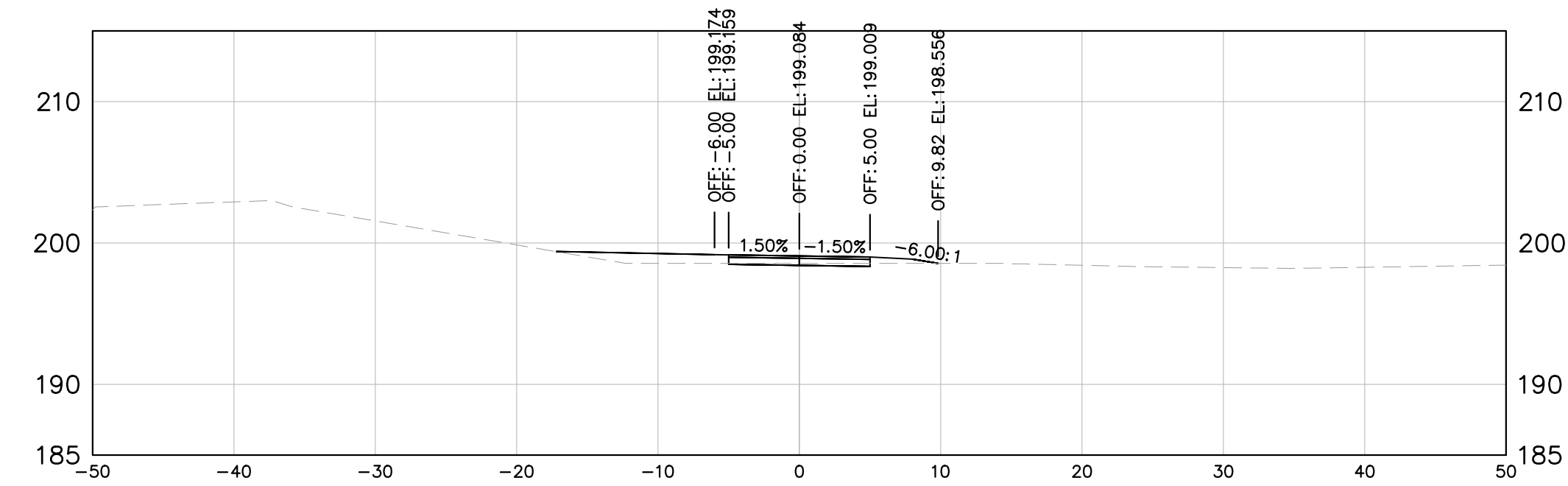
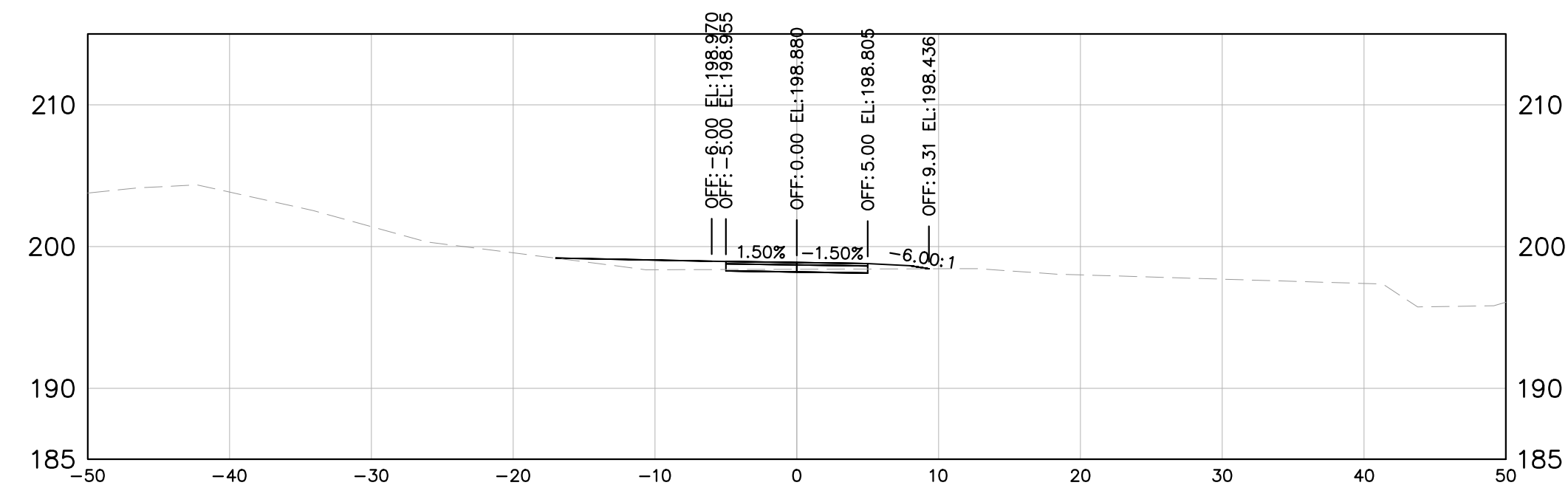
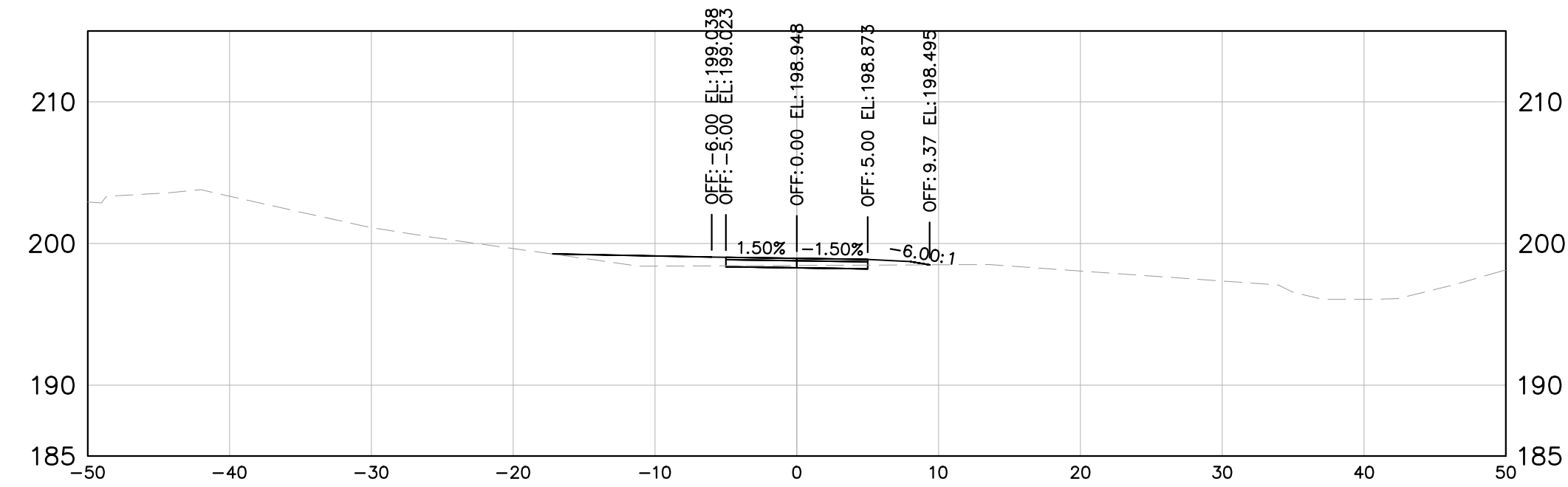
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Tel: 804-673-3662



ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01			
DESIGN BY: AMB	REVIEWED BY: JHO	SCALE: XS-7	DATE: 11/21/2025	SHEET	DRAWING NO. X-XXXXX		
DRAWN BY: SJD	CHECKED BY: AMB						

Drawing name: K:\RCC\TPT01\13457_RIC_On_Call\015_SNV_Shared Use Path_3 Project Data\CADD\VEF d115408model.dwg XSB Nov 21, 2025 7: 30pm by: Alyssa.Borid



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Tel. 804-673-3882



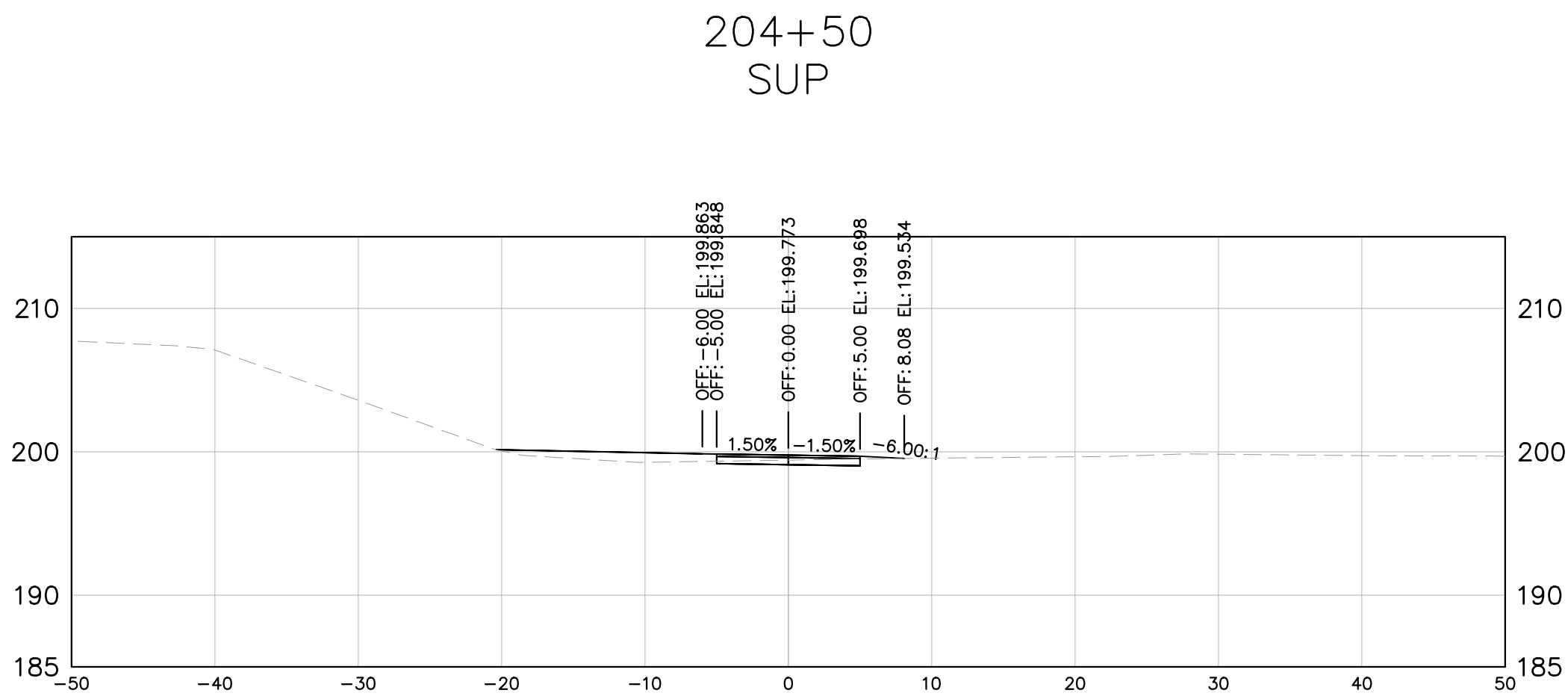
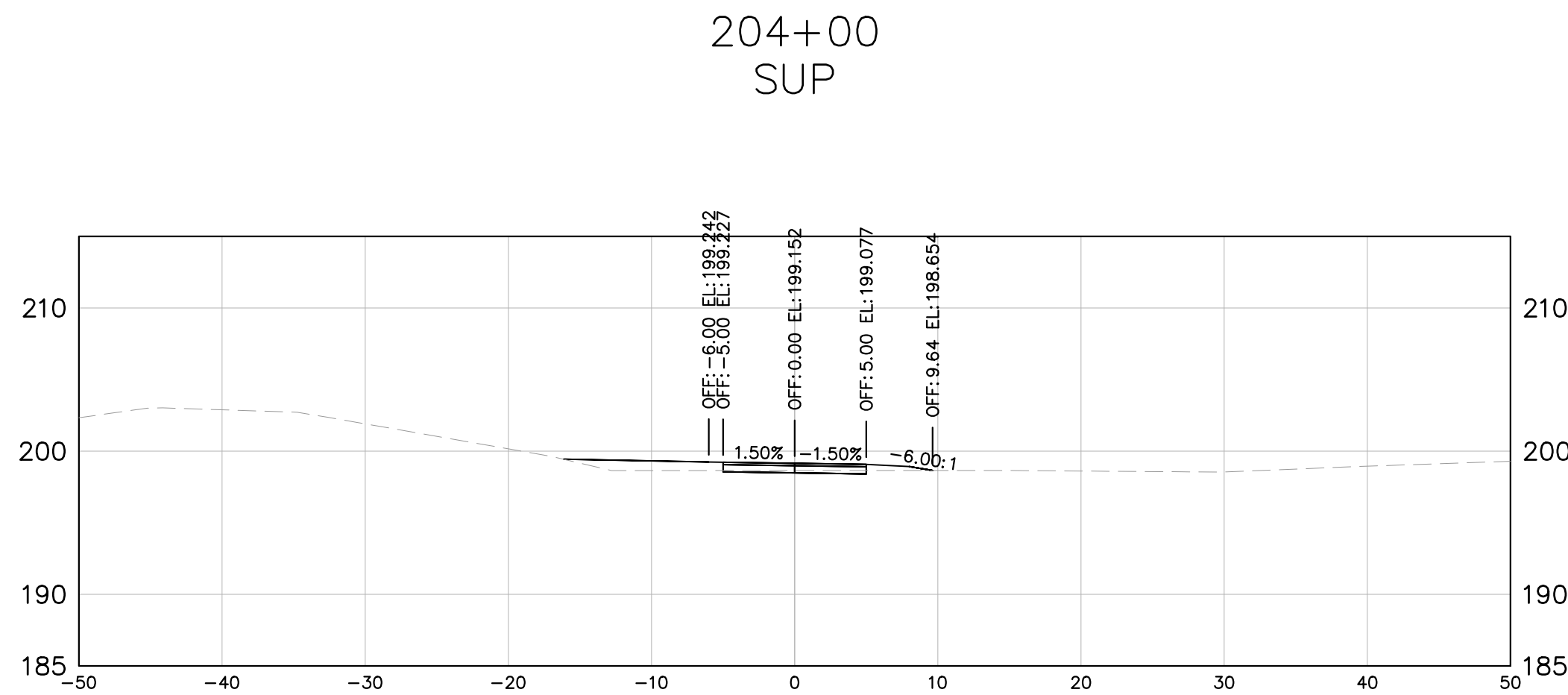
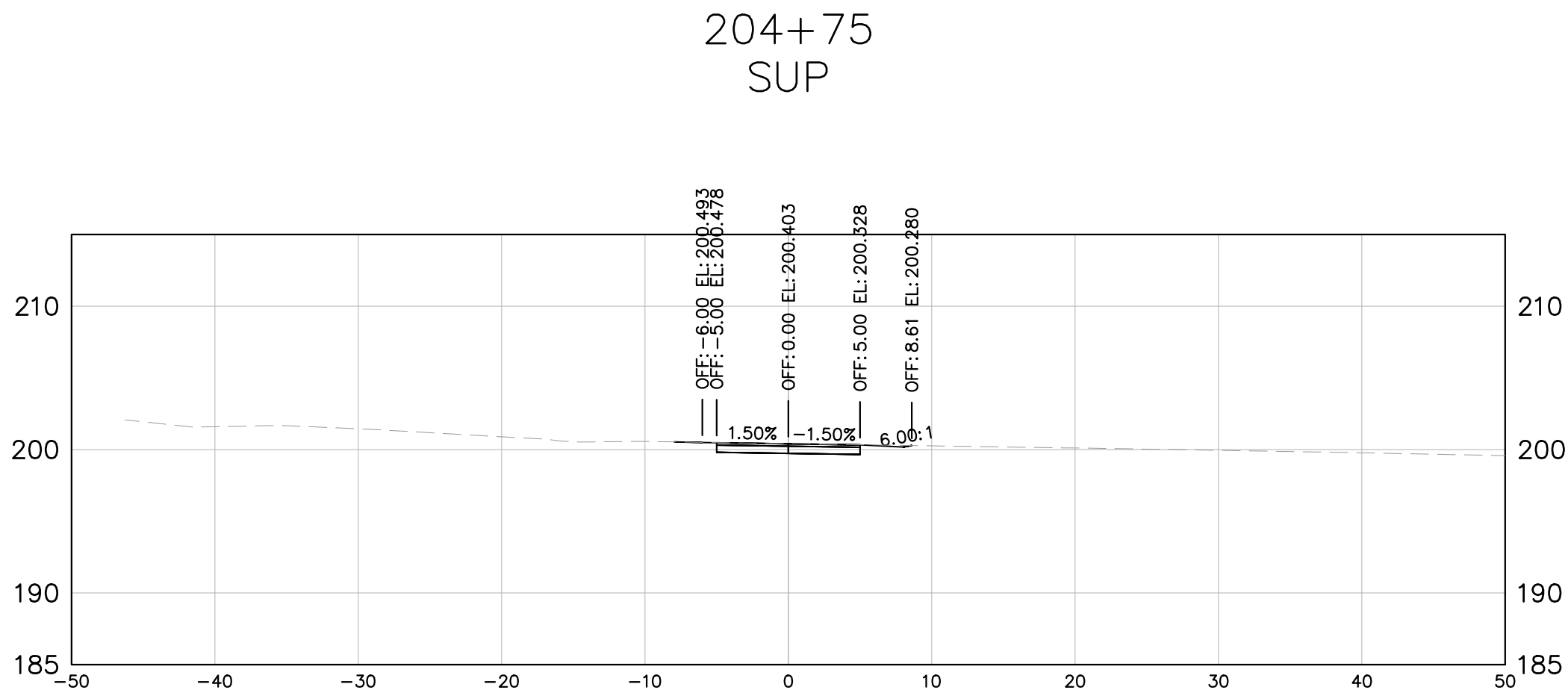
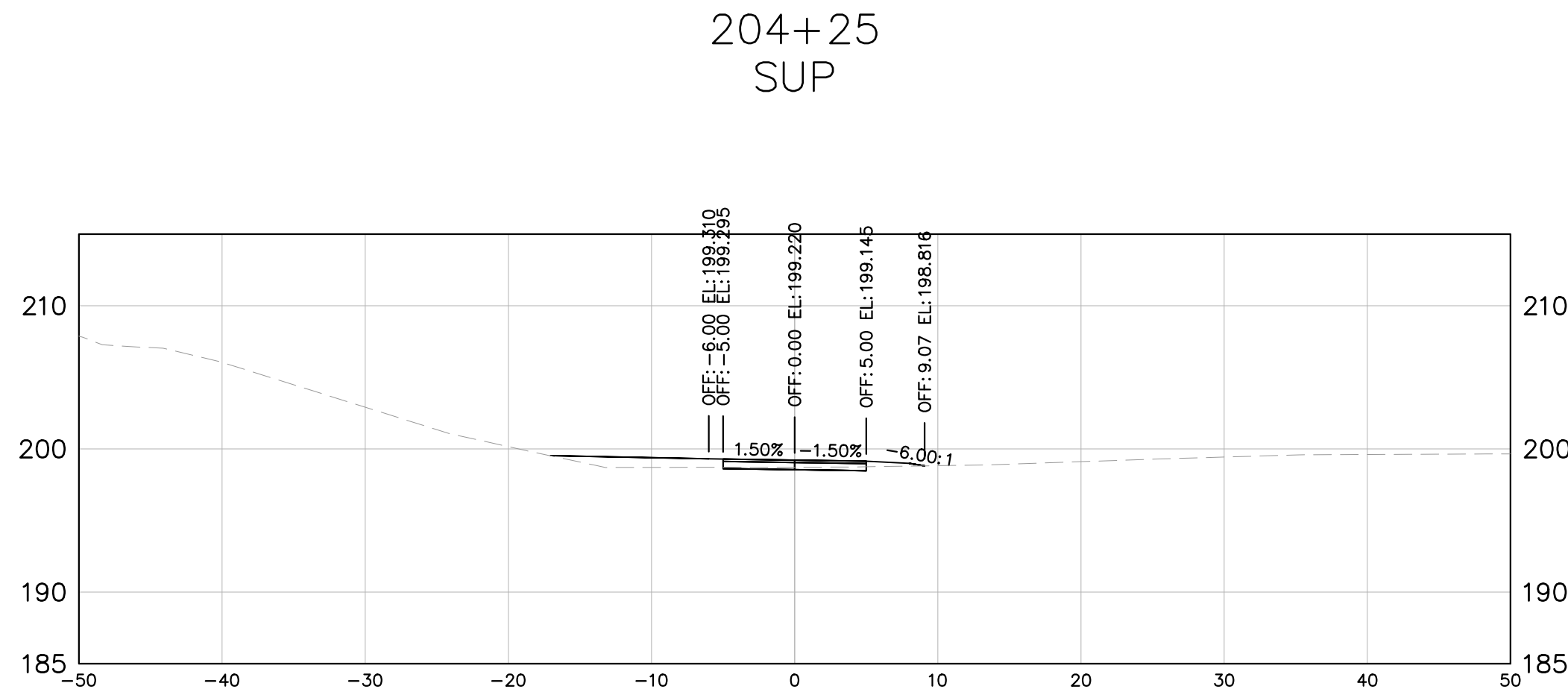
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO	XS-8	11/21/2025		X-XXXXX
CHECKED BY: AMB					

Drawing name: K:\RCD-TP\01113457_RCD-01\015_SNV Shared Use Path\3 Project Data\CADD\XREF\0115408model.dwg XS9 Nov 21, 2025 7:30pm by: Alysa.Baird
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Tel: 804-673-3882



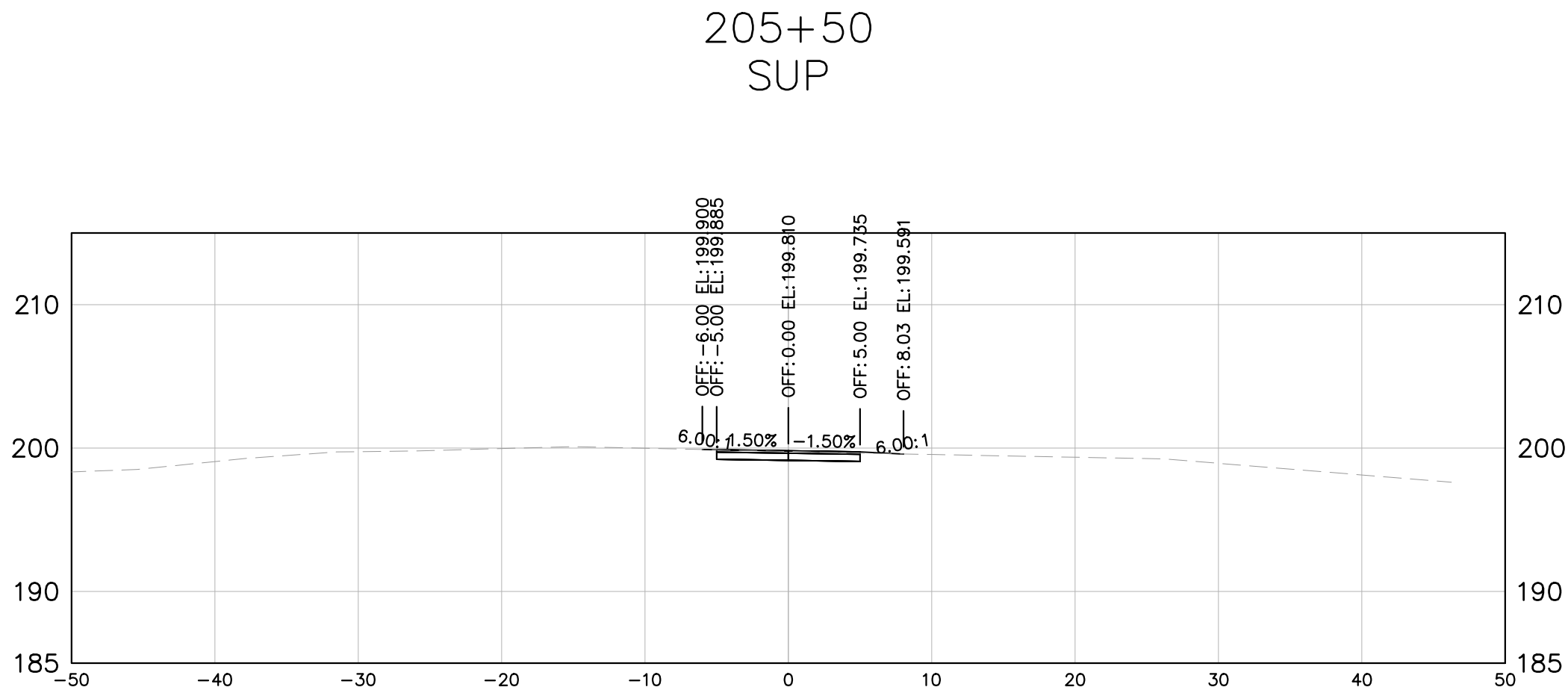
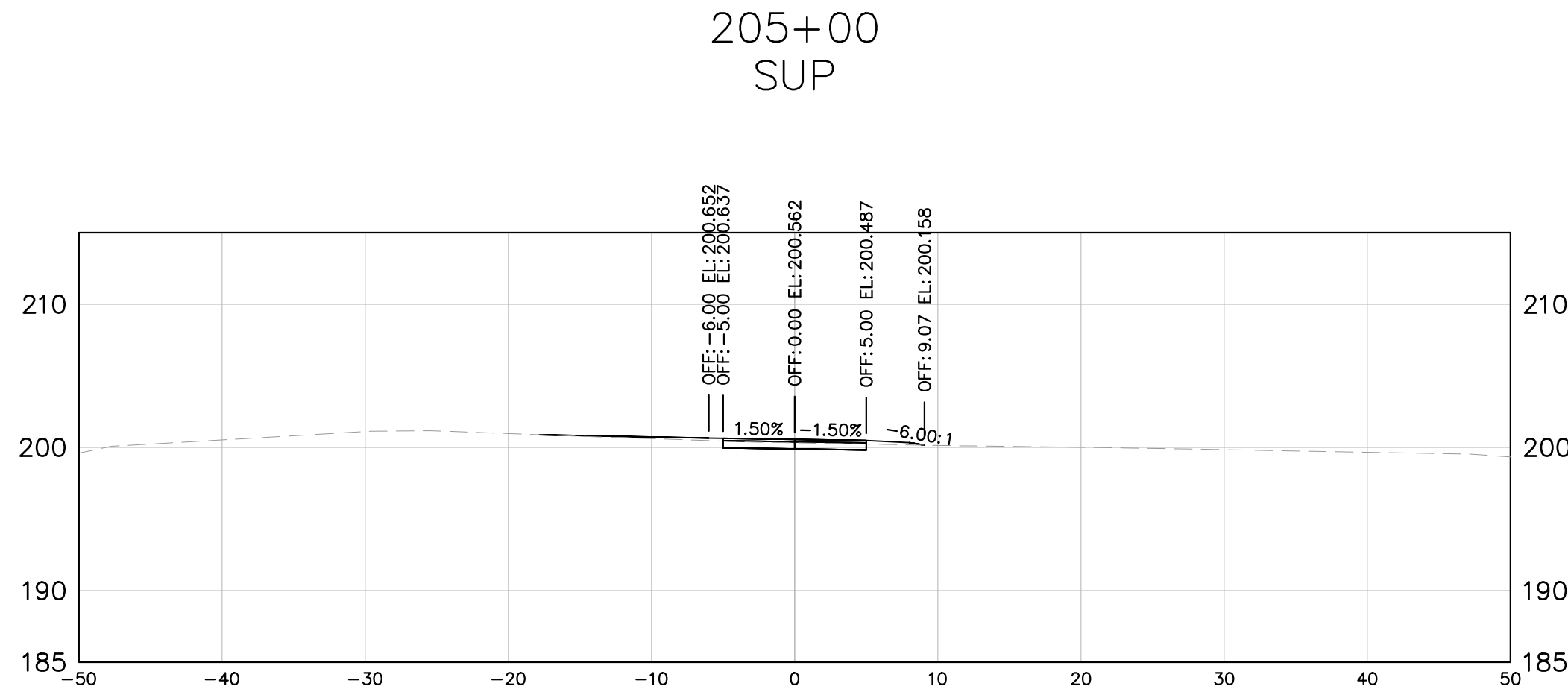
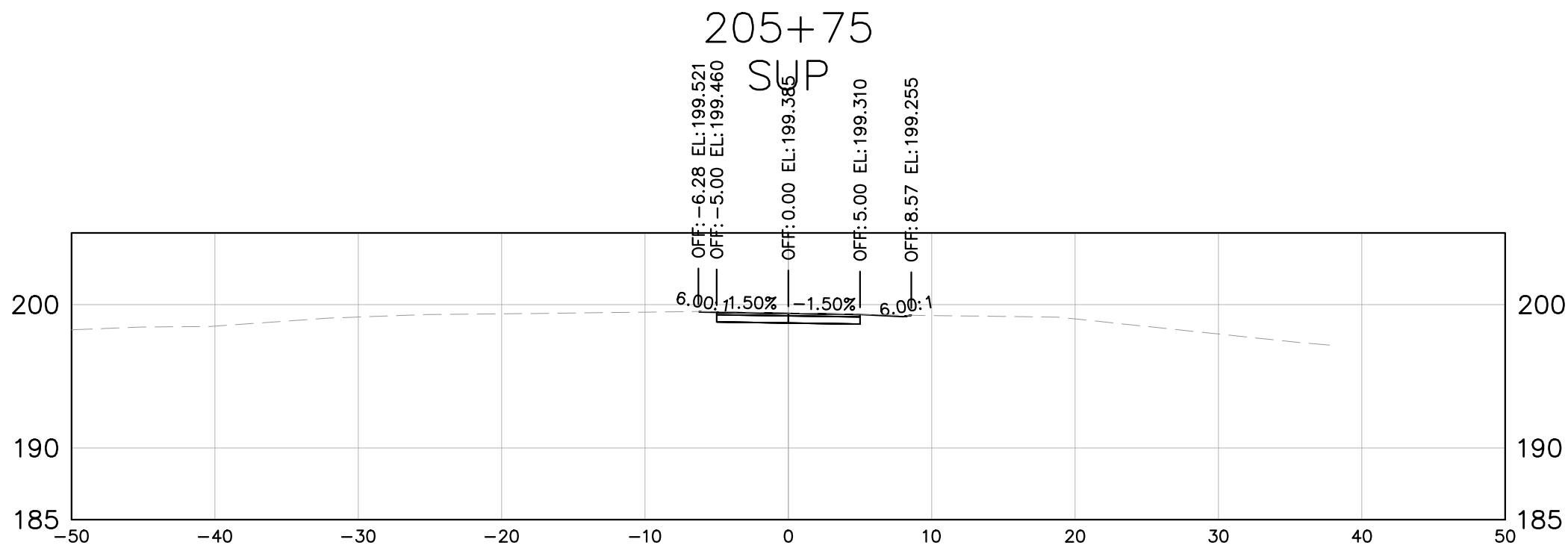
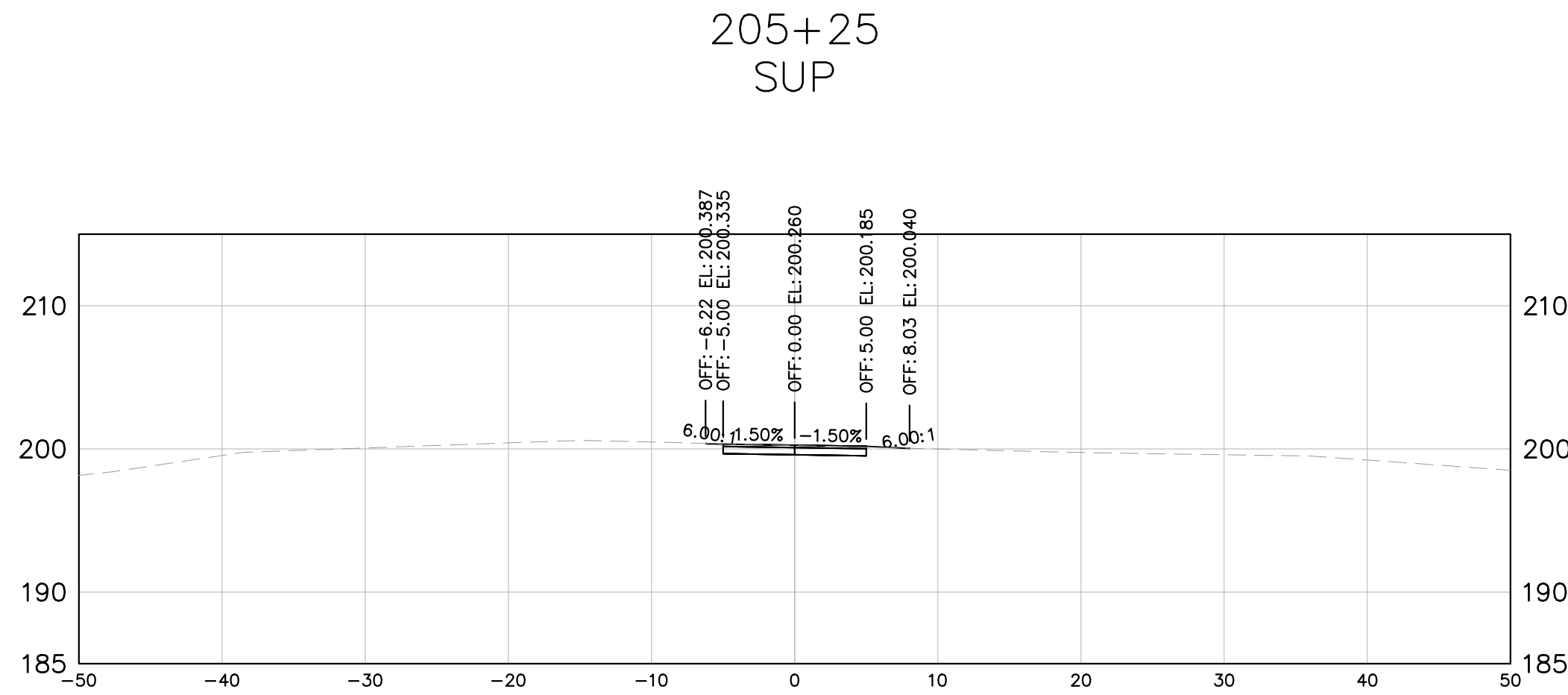
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, CS01

DESIGN BY: AMB	REVIEWED BY: JHO	SCALE: XS-9	DATE: 11/21/2025	SHEET	DRAWING NO. X-XXXXX
DRAWN BY: SJD	CHECKED BY: AMB				

Drawing name: K:\RCD\PROJECTS\113457_RCD\015_S&W Shared Use Path\3_Project Data\CADD\XREF\015408model.dwg XS10 Nov 21, 2025 7:30pm by: Alysa Baird
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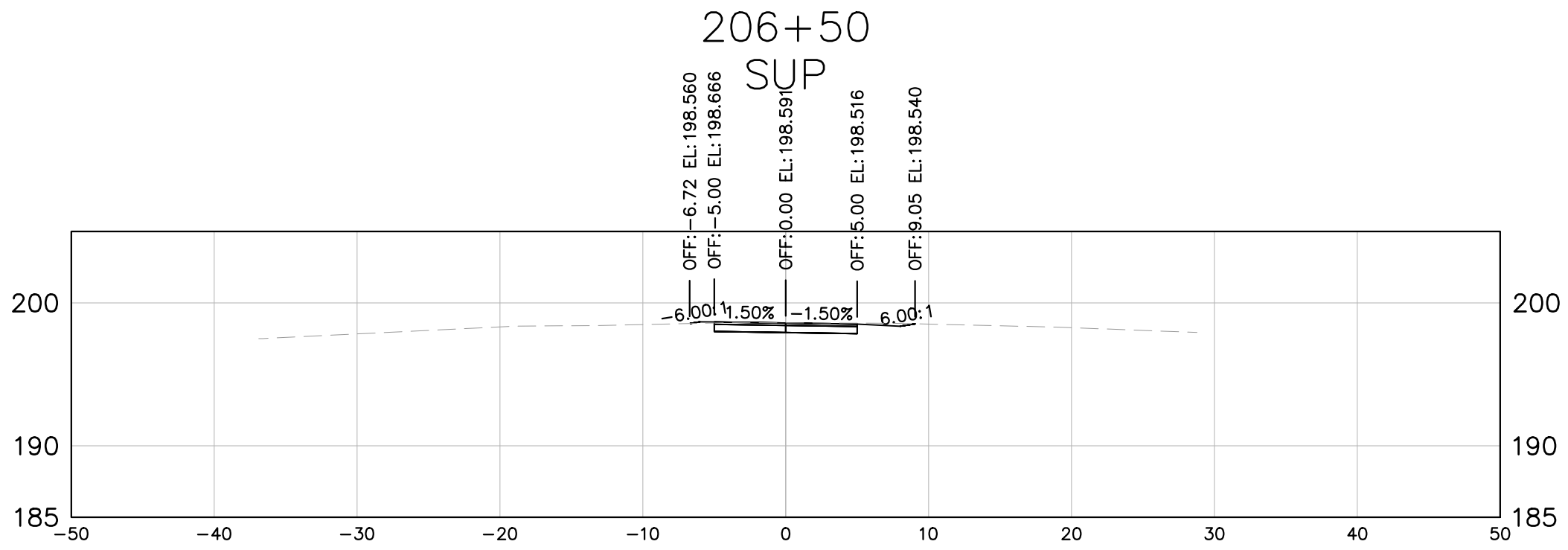
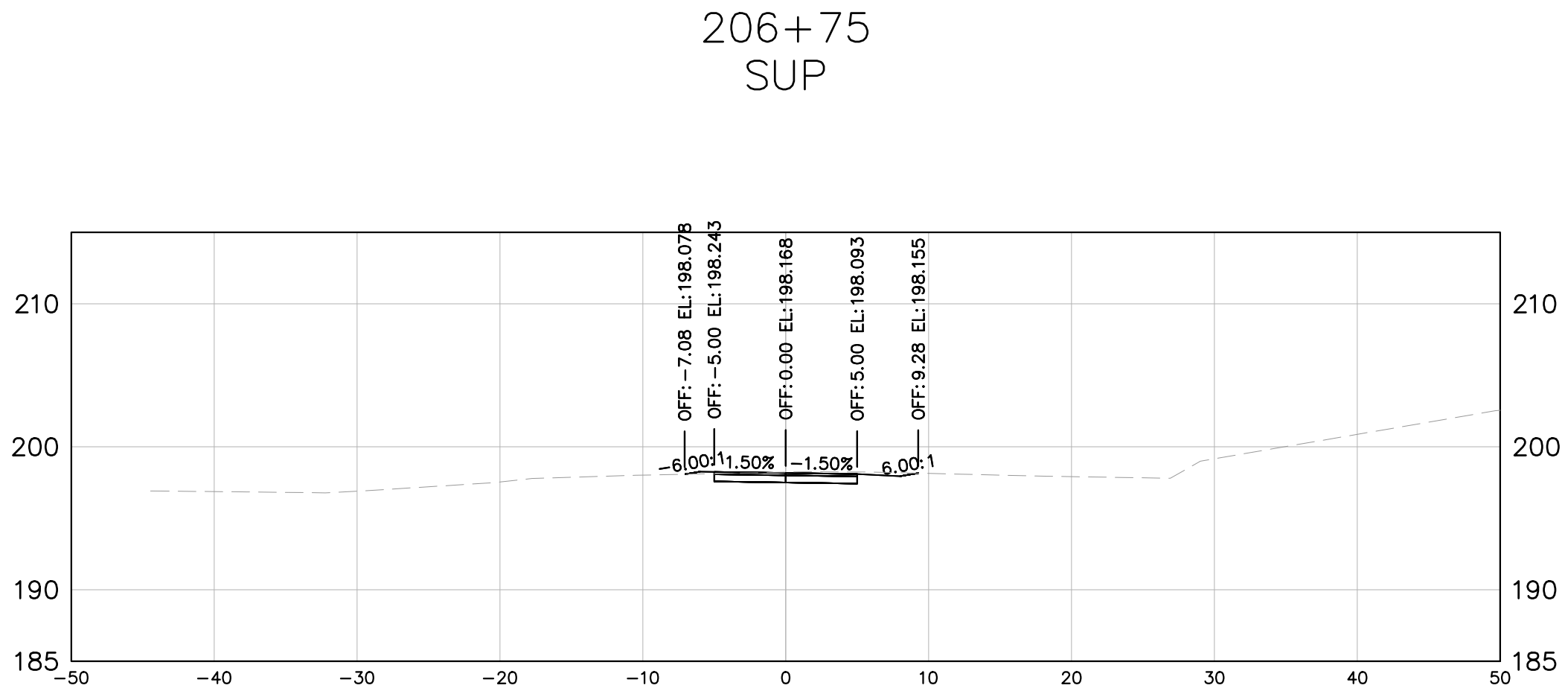
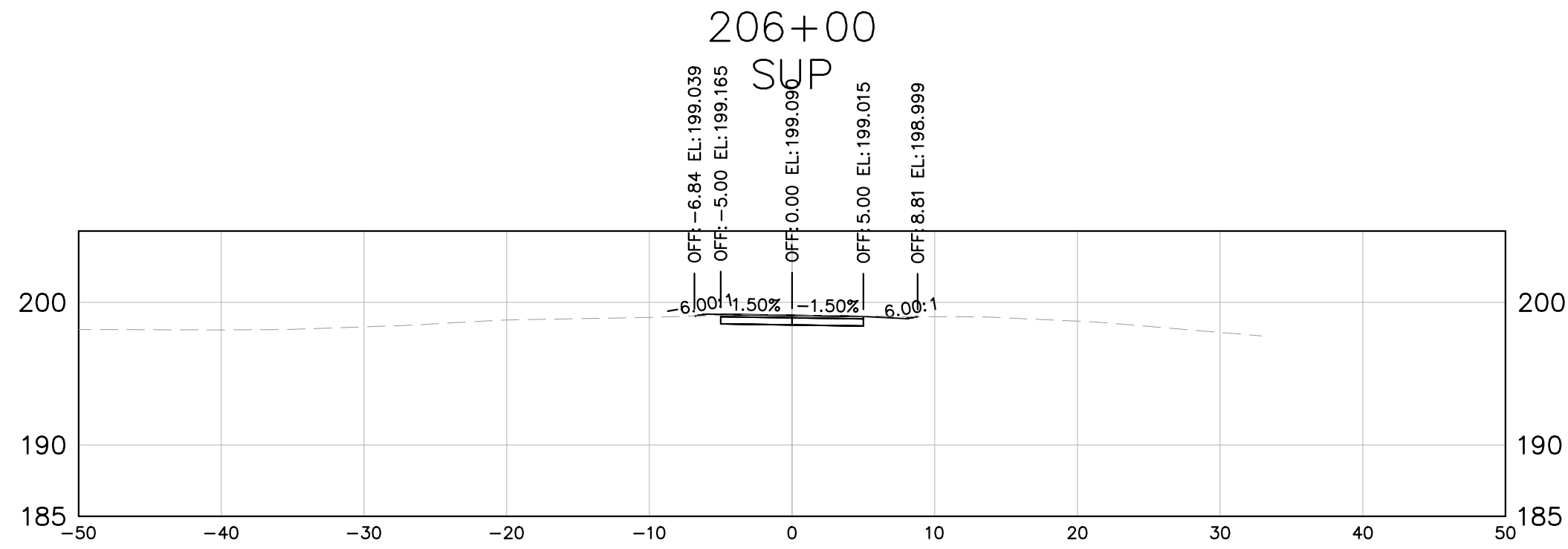
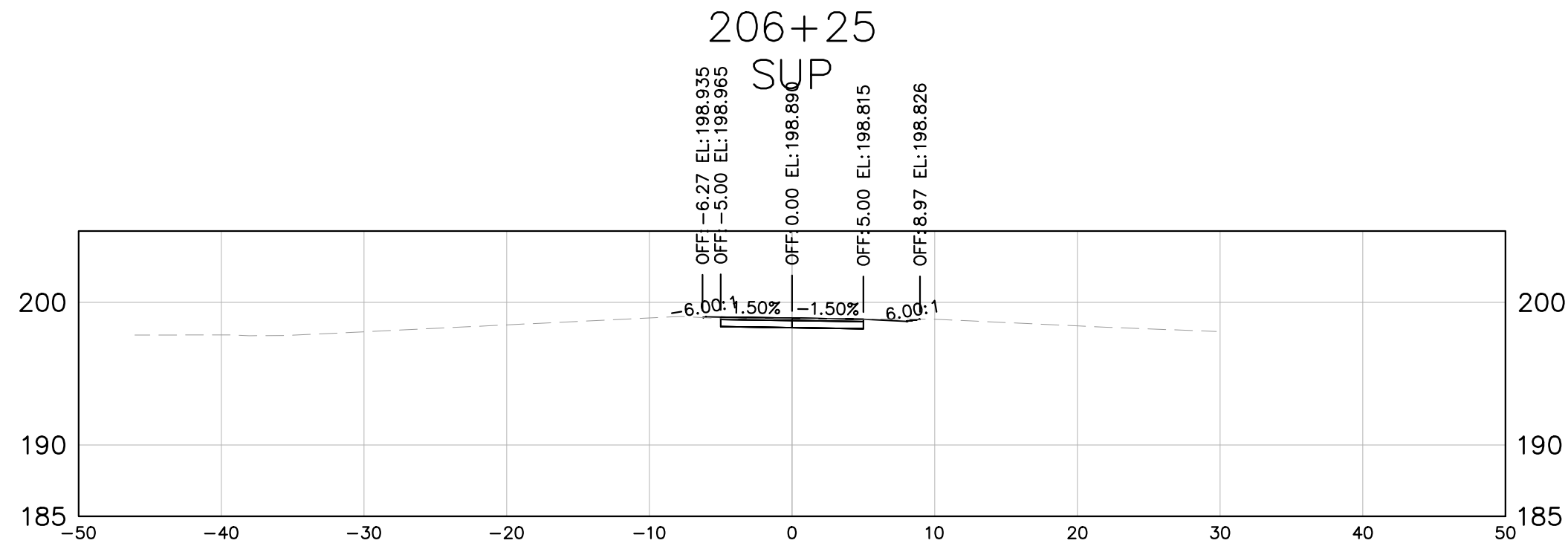
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ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01			
DESIGN BY: AMB	REVIEWED BY: JHO	SCALE: XS-10	DATE: 11/21/2025	SHEET	DRAWING NO. X-XXXXX		
DRAWN BY: SJD	CHECKED BY: AMB						

Drawing name: K:\RCD\PROJECTS\113457_RCD\015_SNV Shared Use Path\3 Project Data\CADD\XREF\015408model.dwg XS11 Nov 21, 2025 7:31pm by: Alysa Baird
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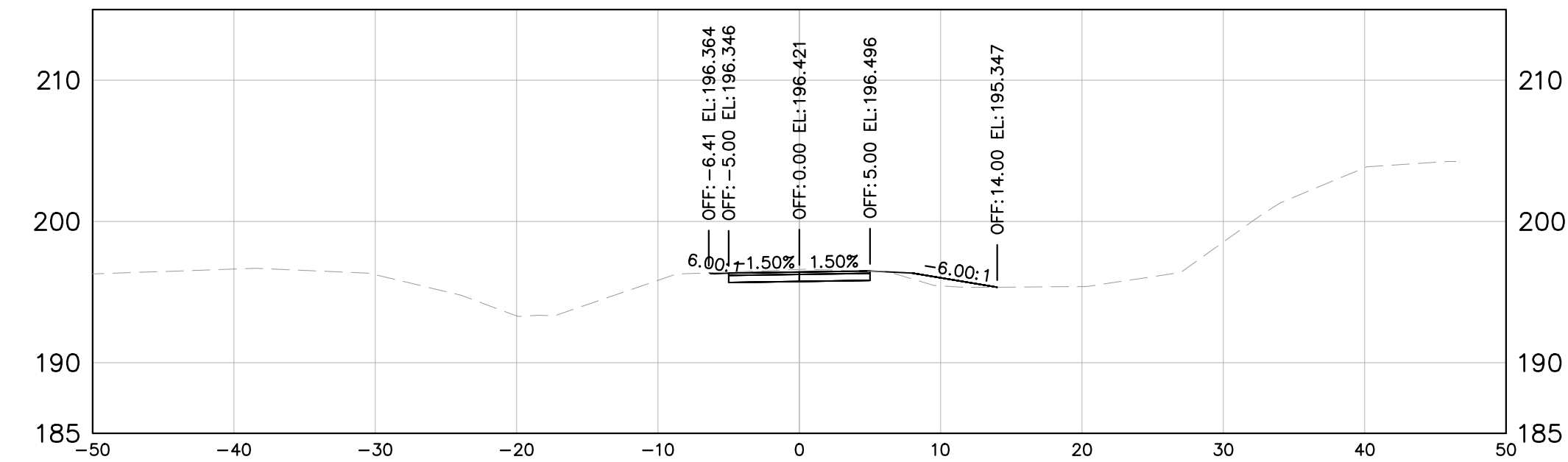
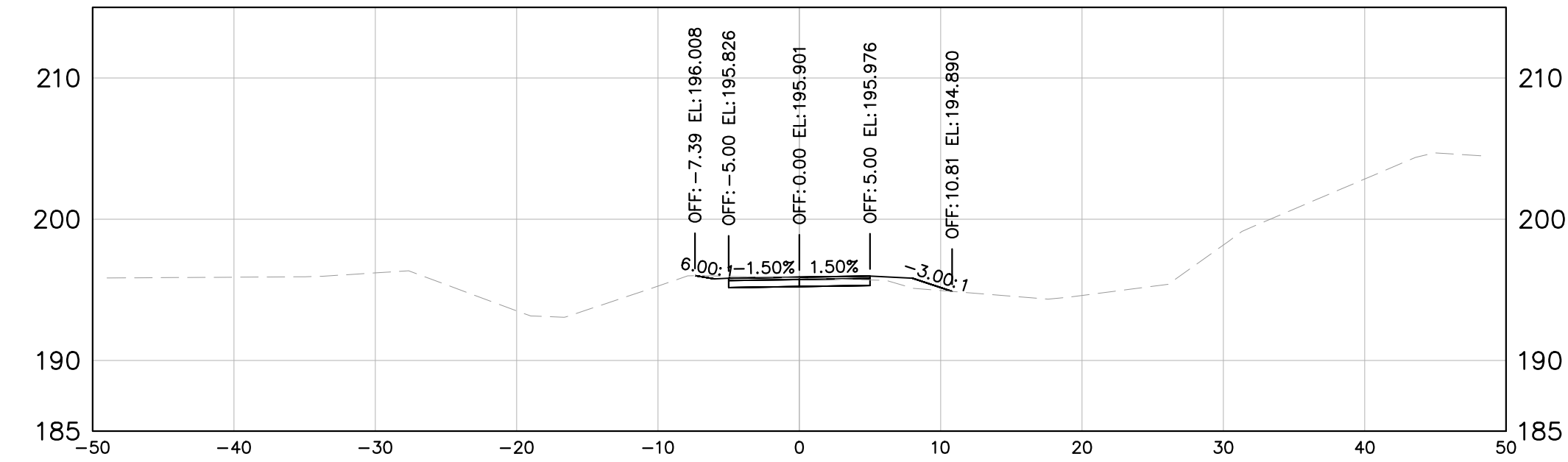
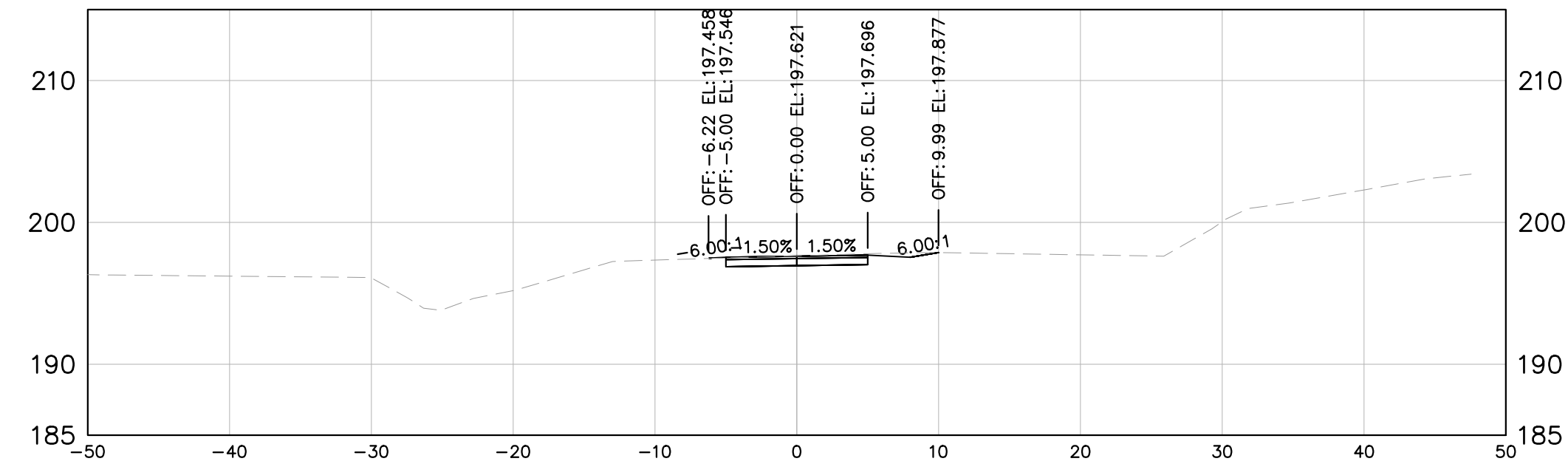
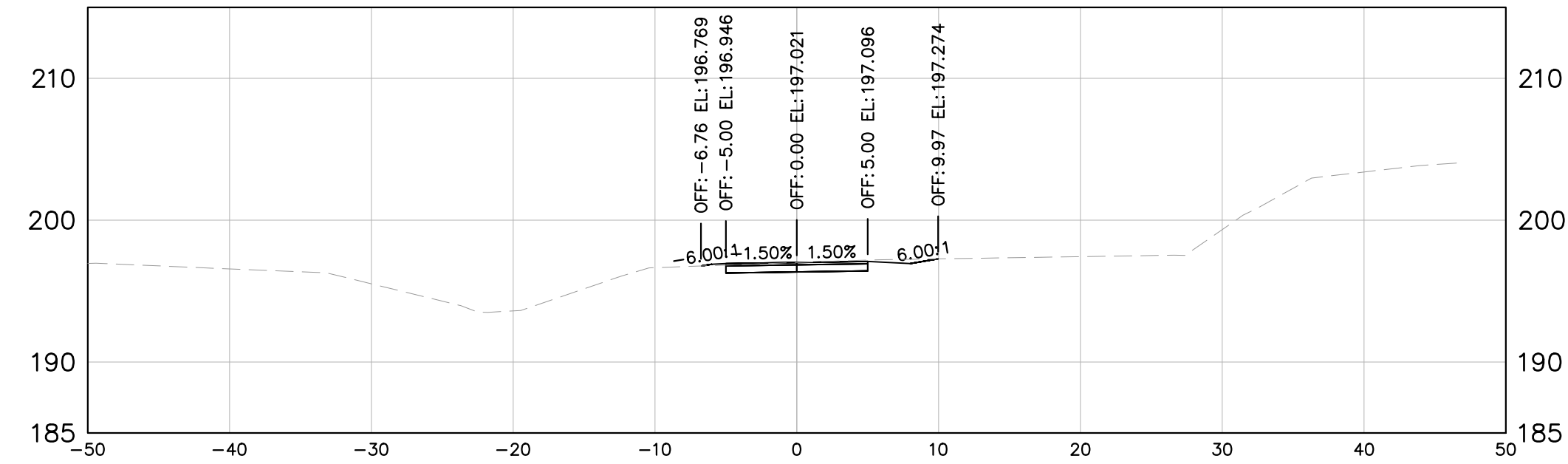
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Tel: 804-673-3882



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SHARED USE PATH

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DESIGN BY: AMB	REVIEWED BY: JHO	SCALE: XS-11	DATE: 11/21/2025	SHEET	DRAWING NO. X-XXXXX		
DRAWN BY: SJD	CHECKED BY: AMB						

Drawing name: K:\R1C\IPT01\13457_R1C_On_Call\015_SW Shared Use Path\3 Project Data\CADD\XREF\dl114508model.dwg XS12 Nov 21, 2025 7: 31pm by: Alysa.Baird
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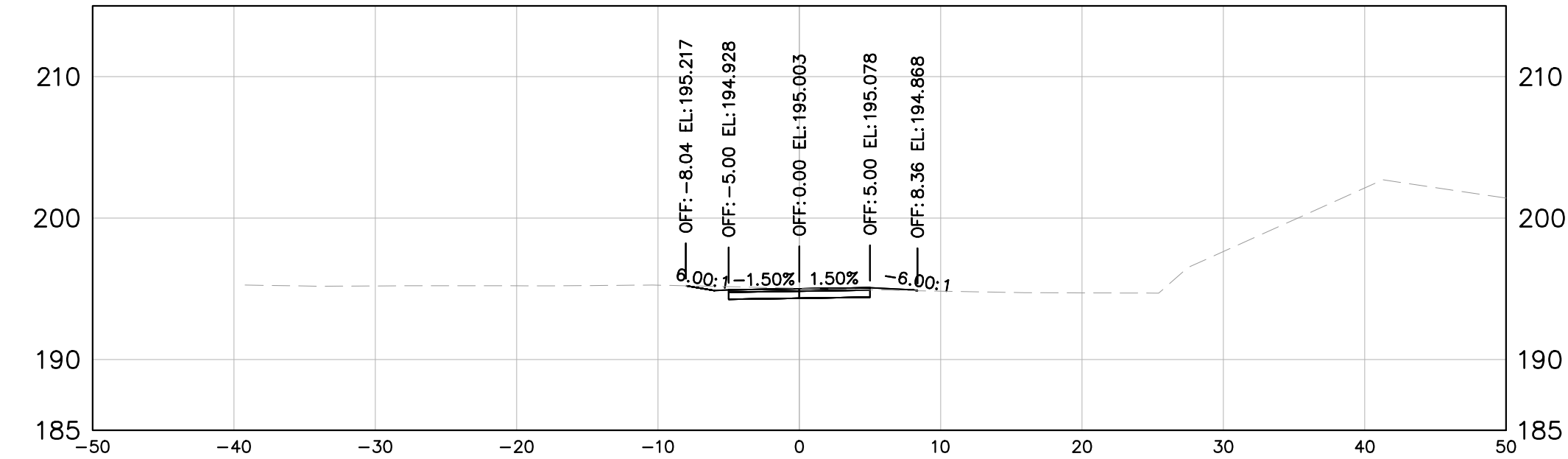
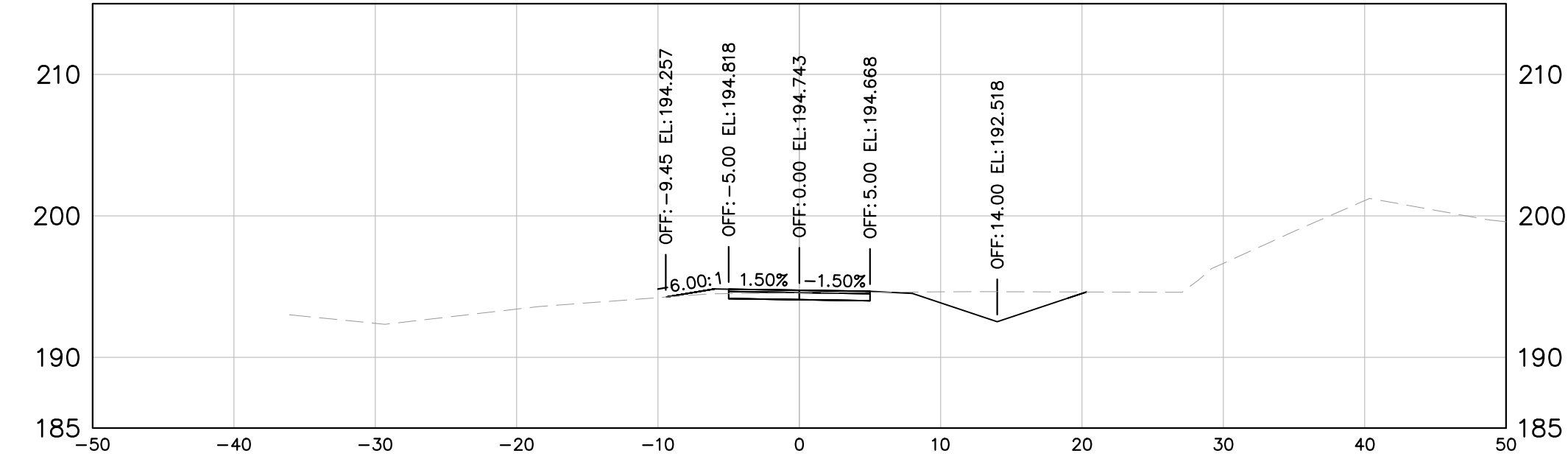
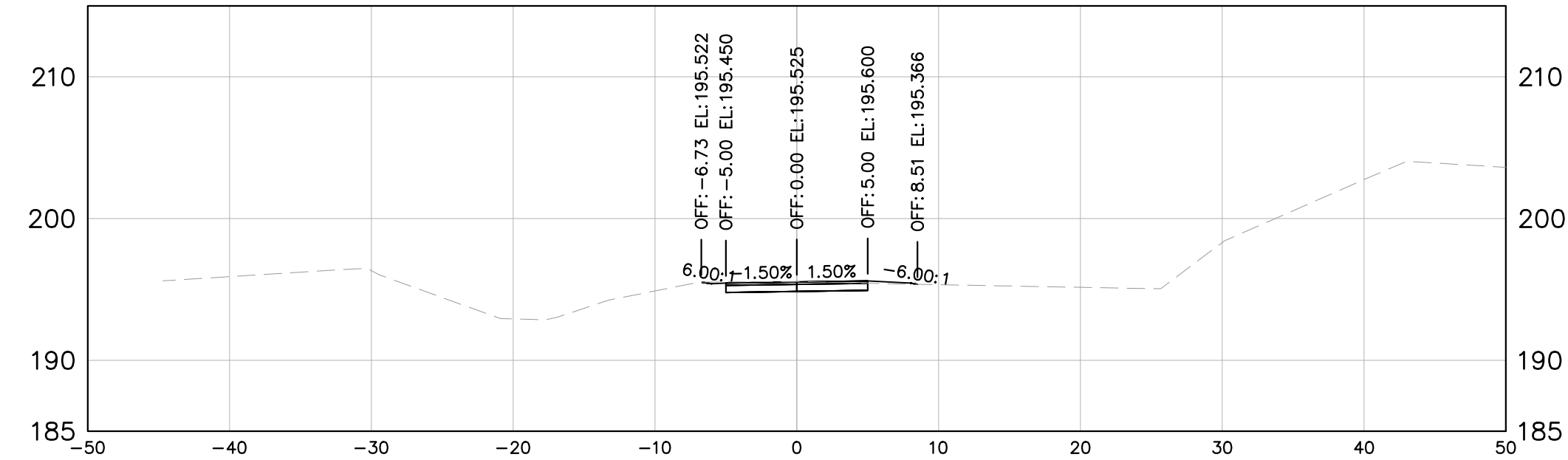
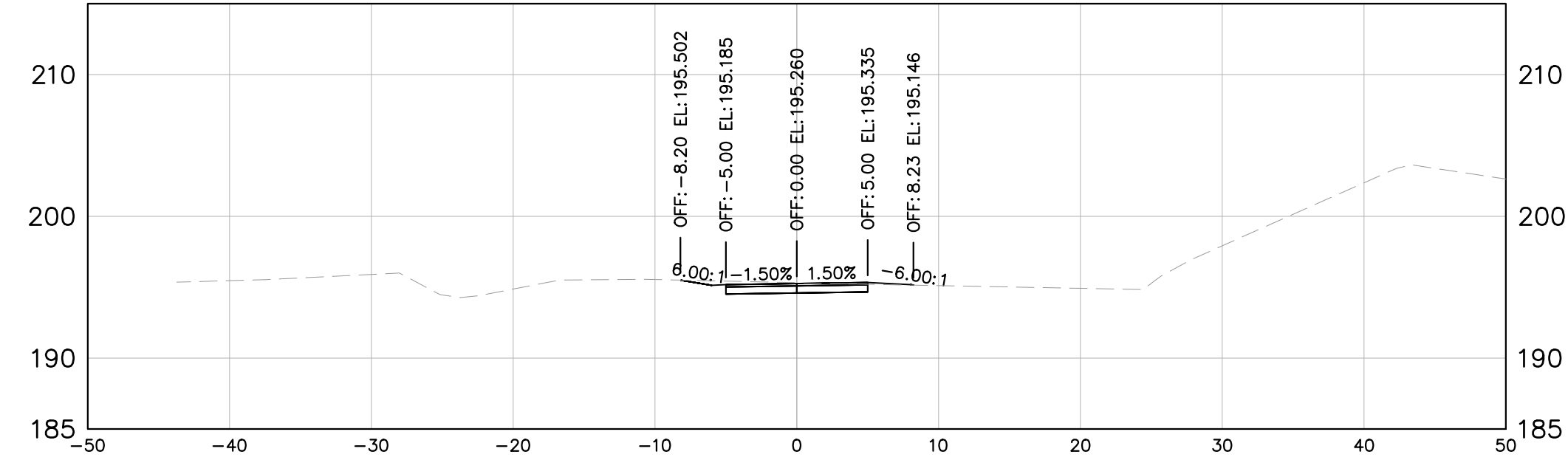
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO	XS-12	11/21/2025		X-XXXXXX
CHECKED BY: AMB					

Drawing name: K:\RVC_IP70\113457_RIC_On_Call_015_SNV_Shared Use Path\3 Project Data\CADD\WREF\dt15408model.dwg XST3 Nov 21, 2025 7:31pm by: Alysio.Bard
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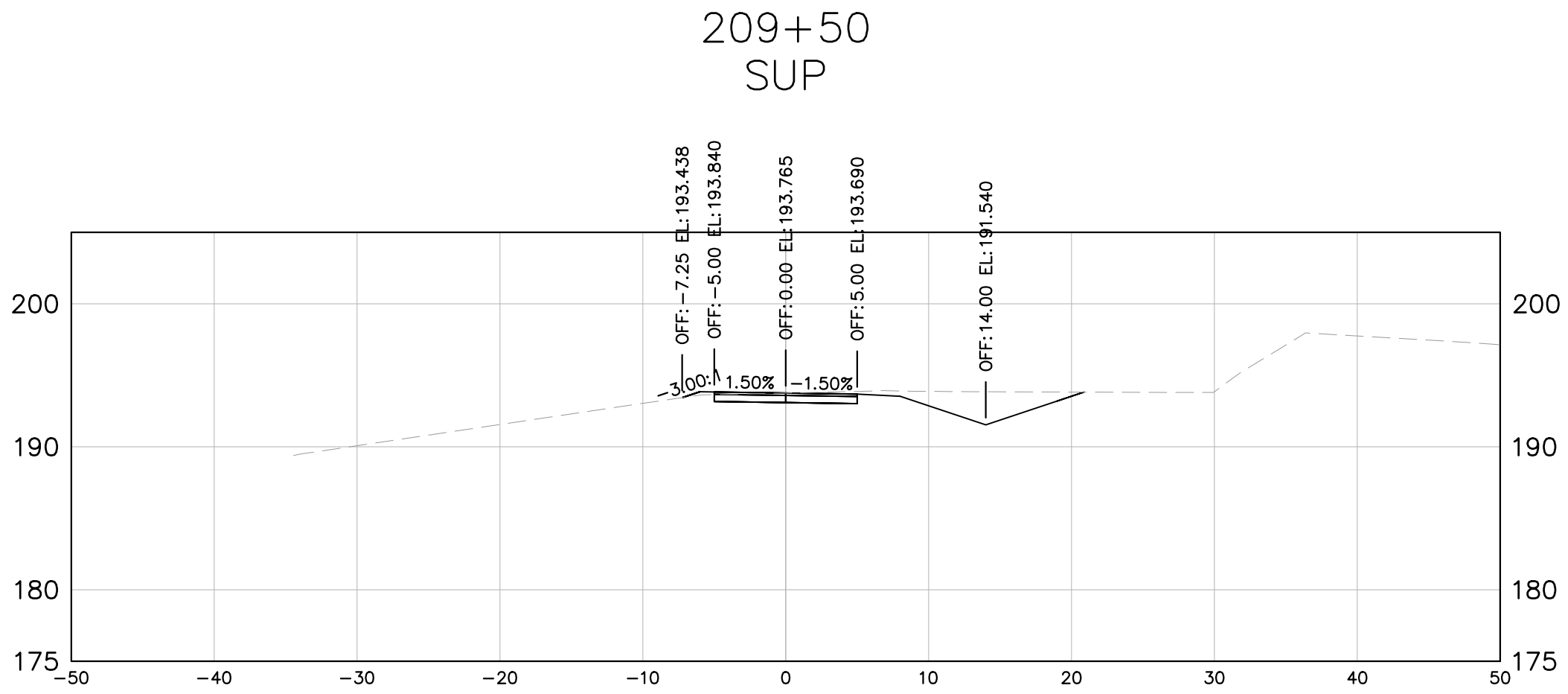
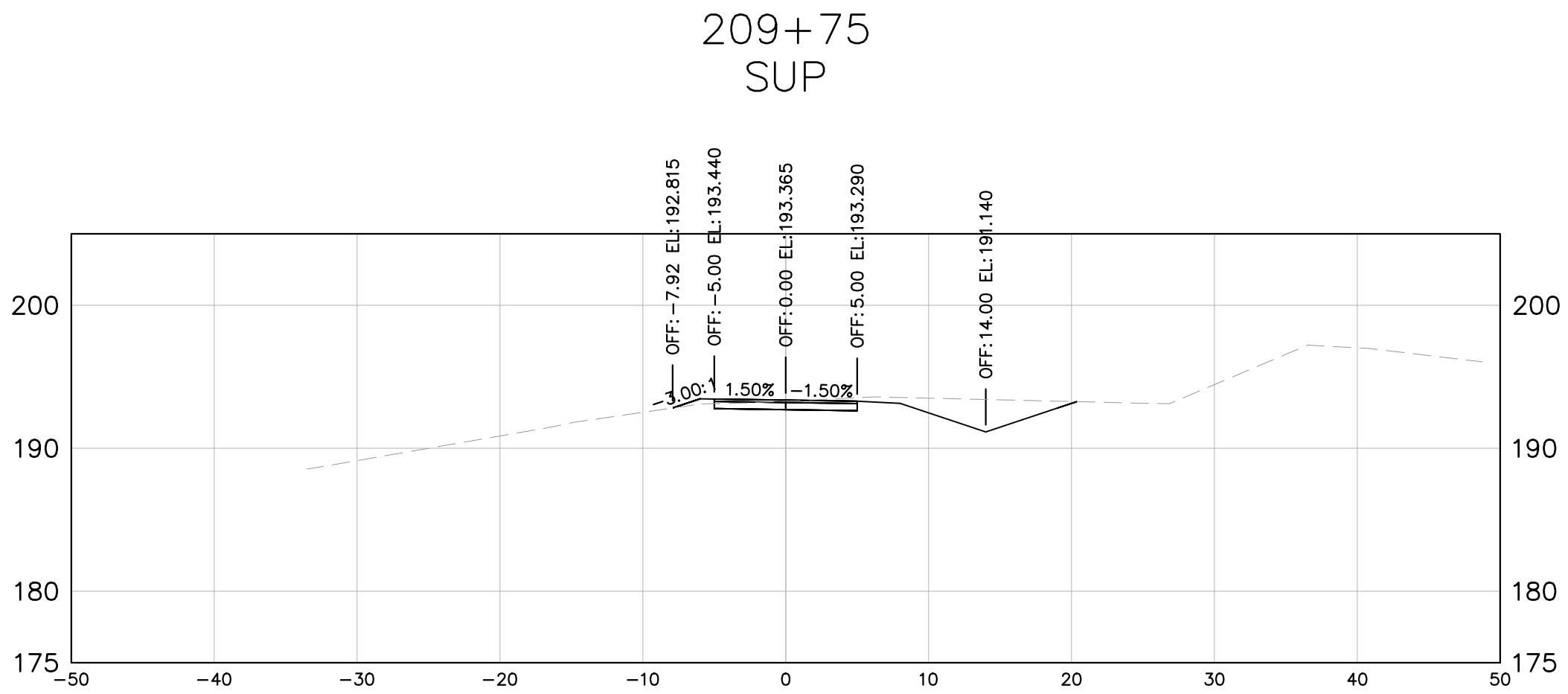
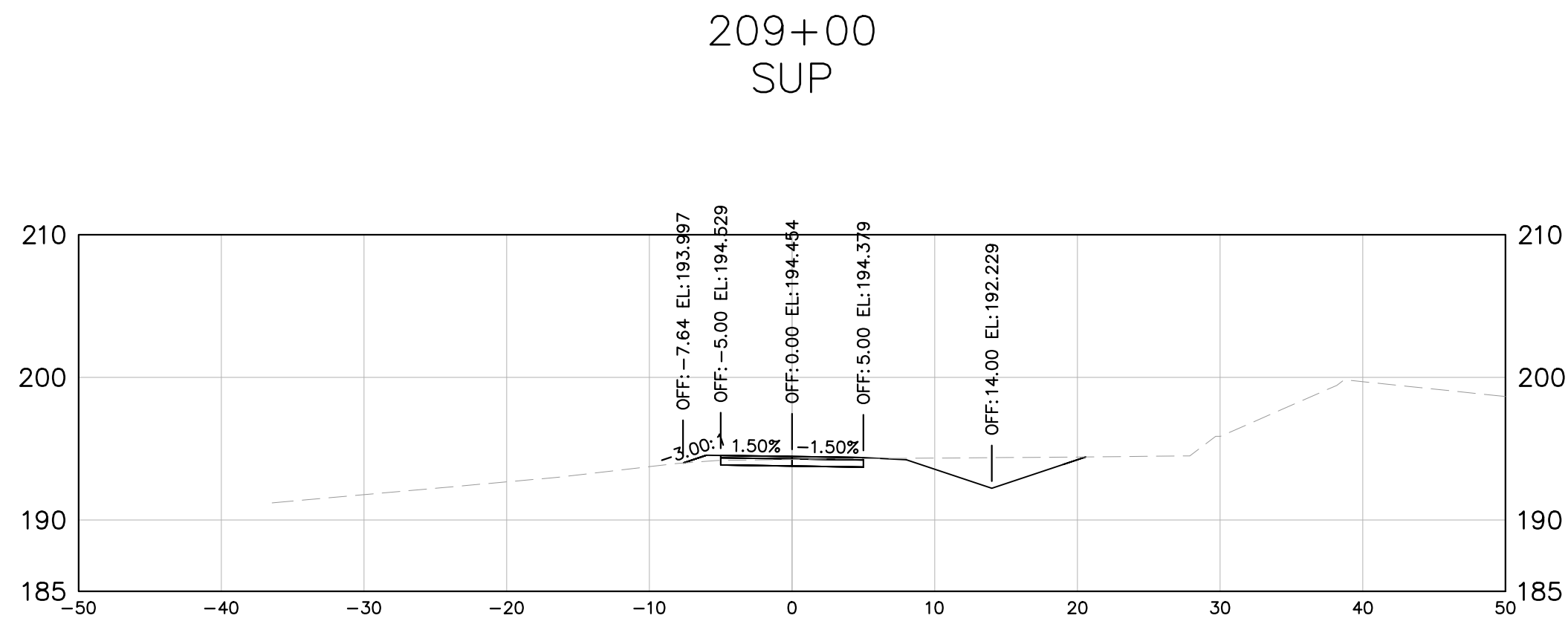
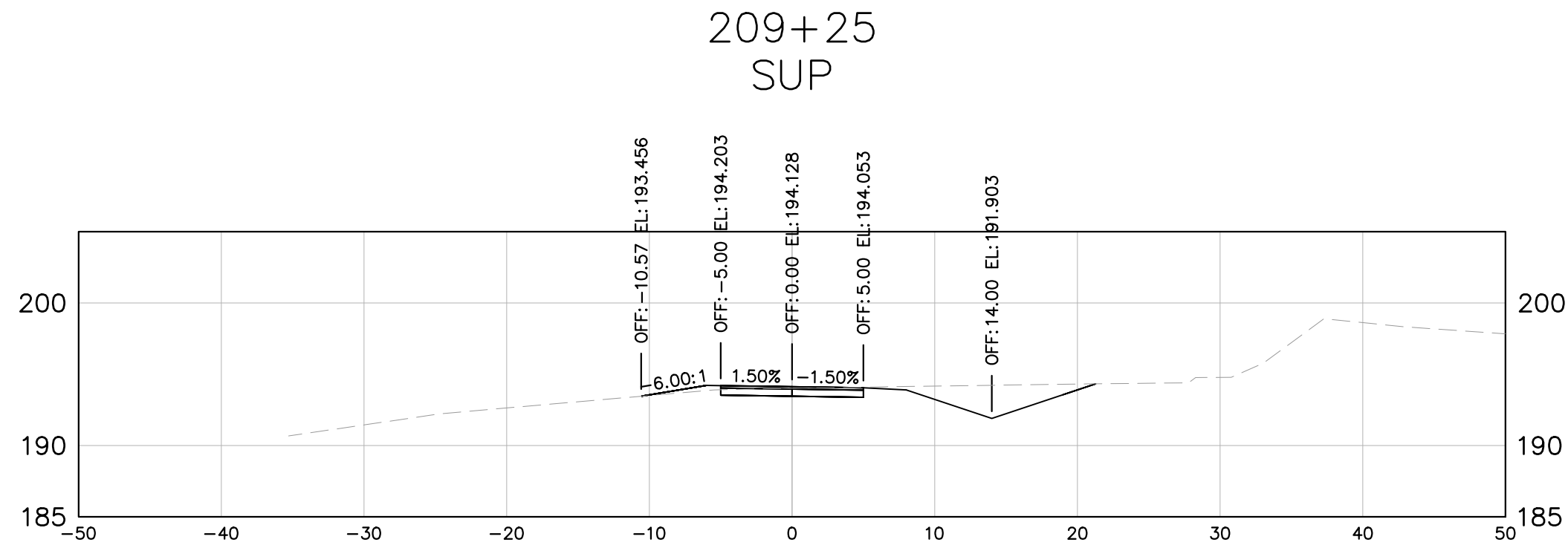
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SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
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DESIGN BY: AMB	REVIEWED BY	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO	XS-13	11/21/2025		X-XXXXX
CHECKED BY: AMB					

Drawing name: K:\RCD-IPRO\113457_RCD-01\Call\015_SNV Shared Use Path\3 Project Data\CADD\XREF\015408model.dwg XS14 Nov 21, 2025 7:31pm By: Alysa Baird
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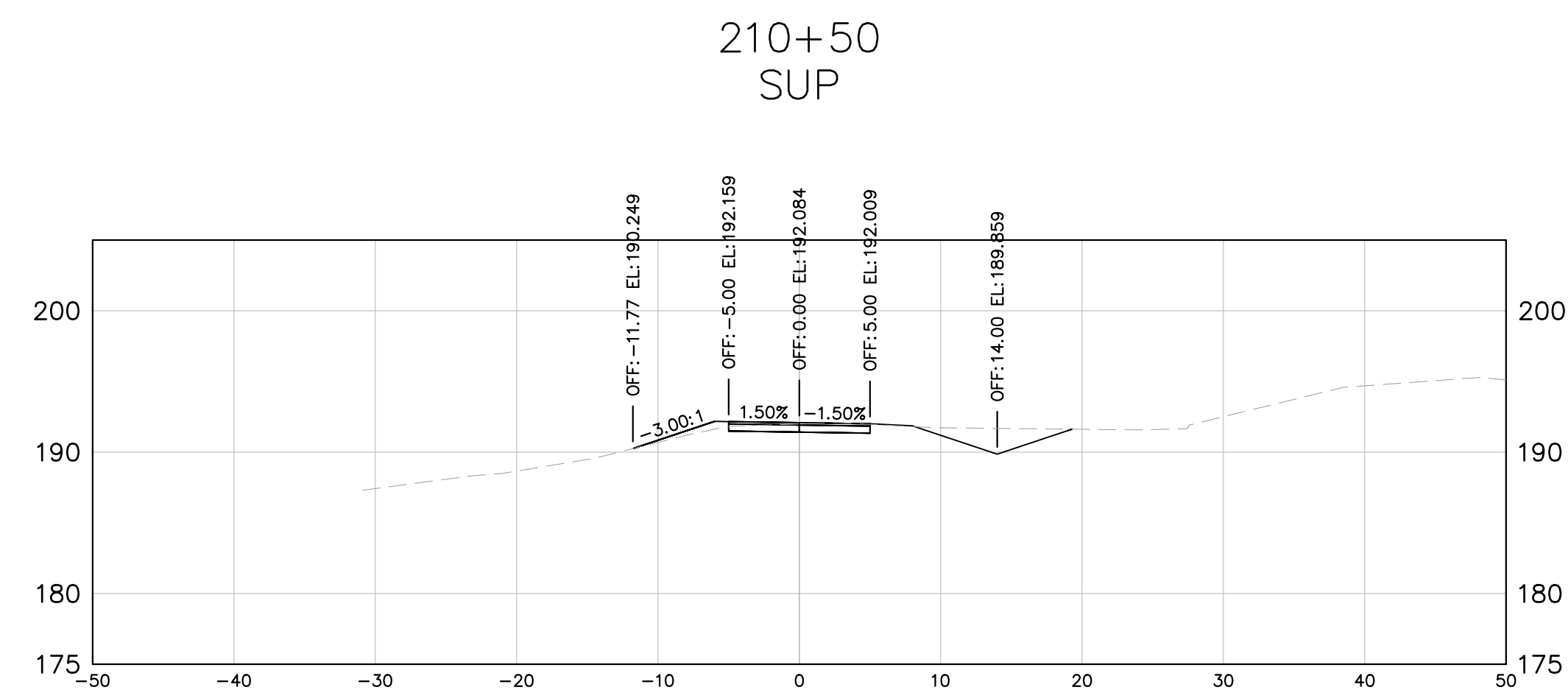
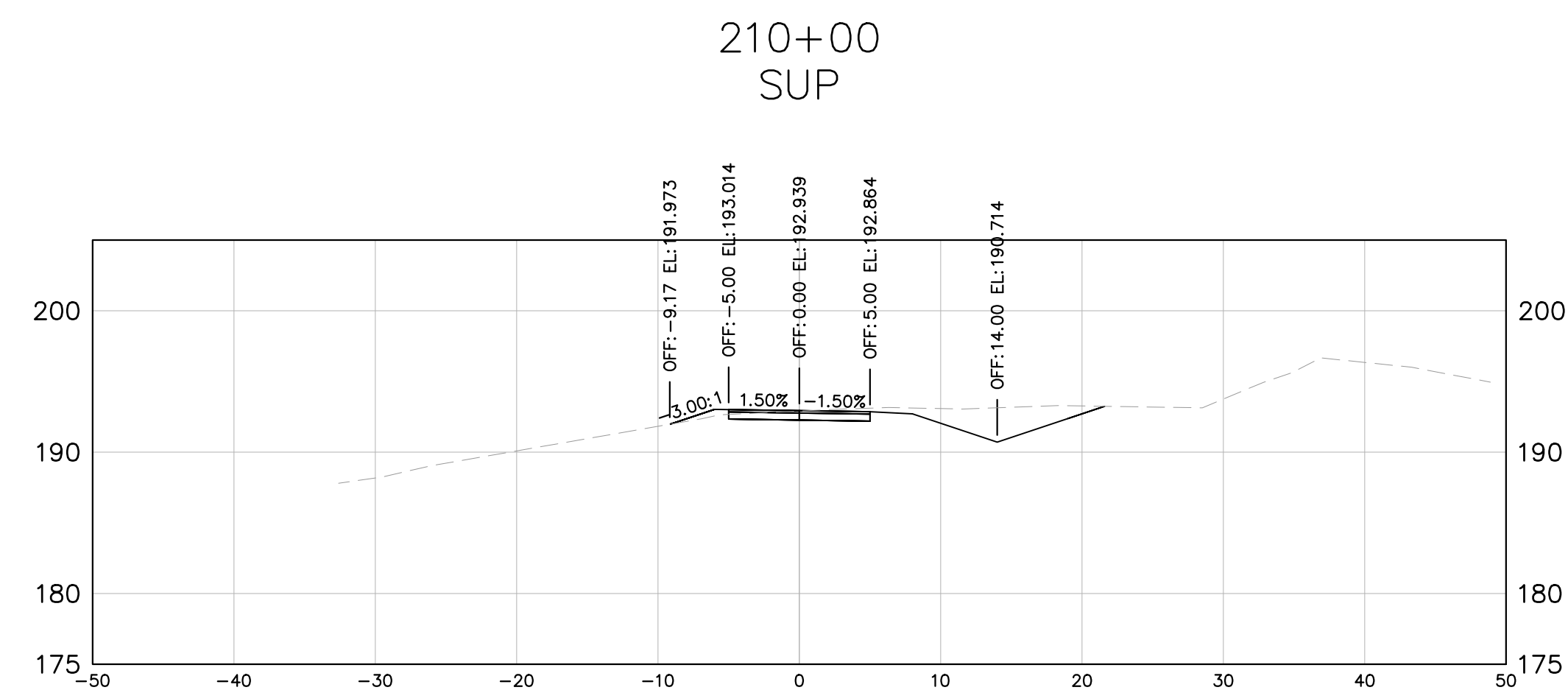
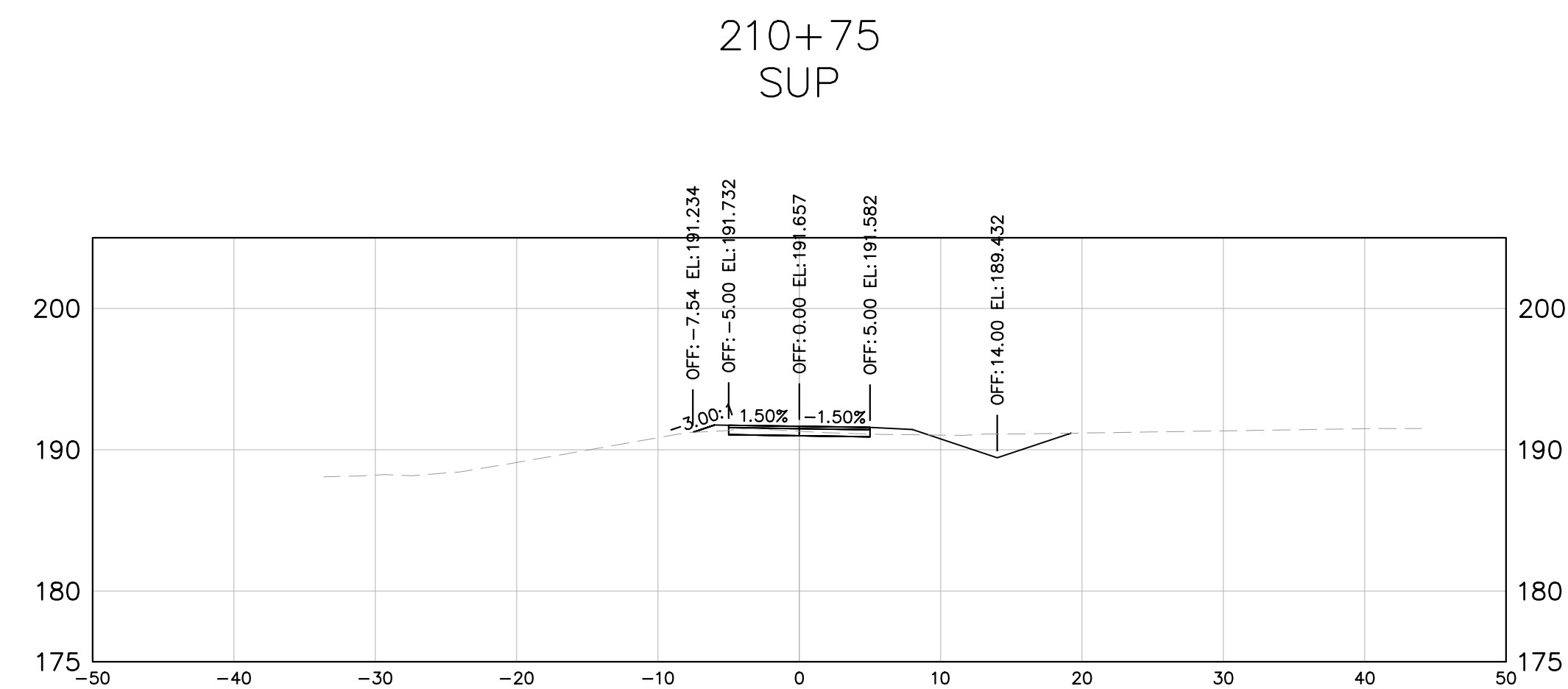
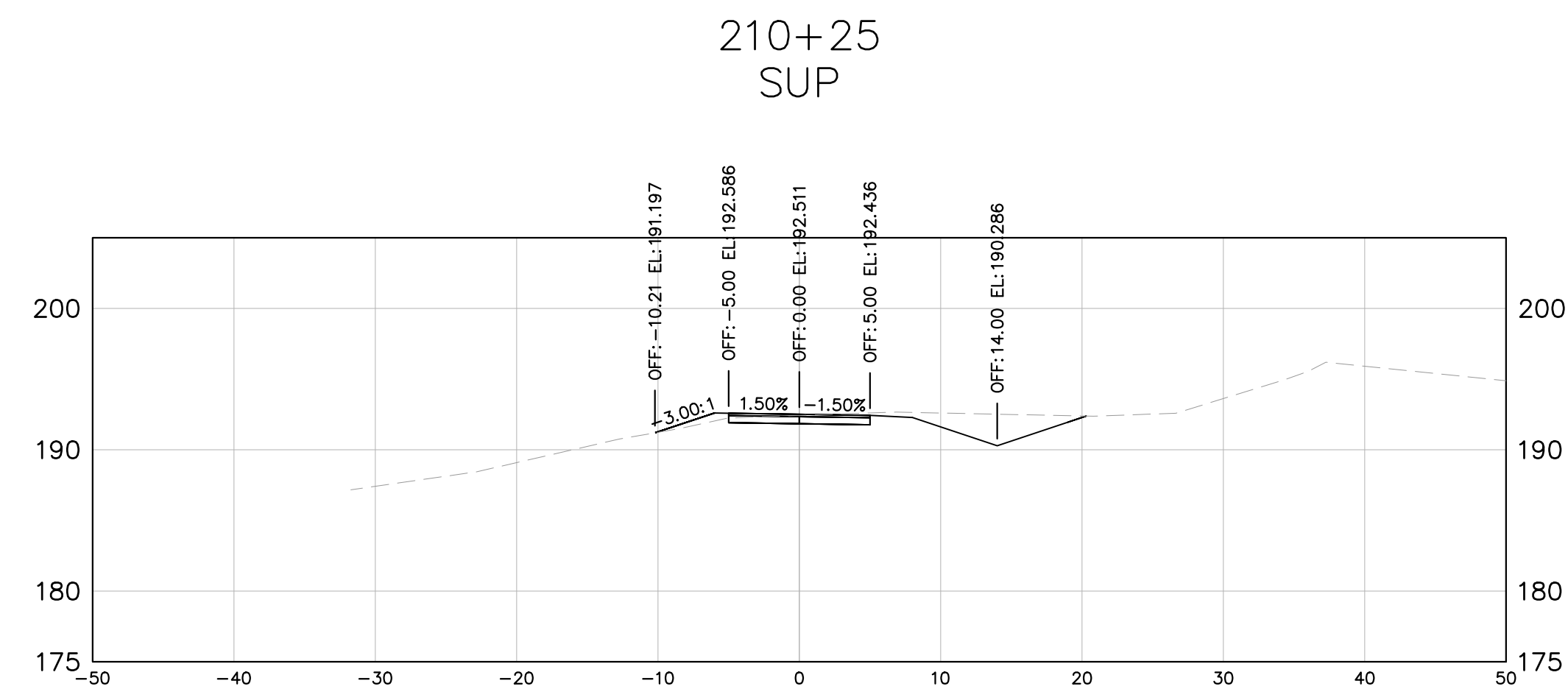
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ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01			
DESIGN BY: AMB	REVIEWED BY: JHO	SCALE: XS-14	DATE: 11/21/2025	SHEET	DRAWING NO. X-XXXXX		
DRAWN BY: SDB	CHECKED BY: AMB						

Growing name: K:\RC\TPT0113457_RIC_Can_Oil\015_SMW_Shared Use Path\3 Project Data\CAOD\XREF\0115408model.dwg XS15 Nov 21, 2025 7: 31pm by: Aylsa.Baird



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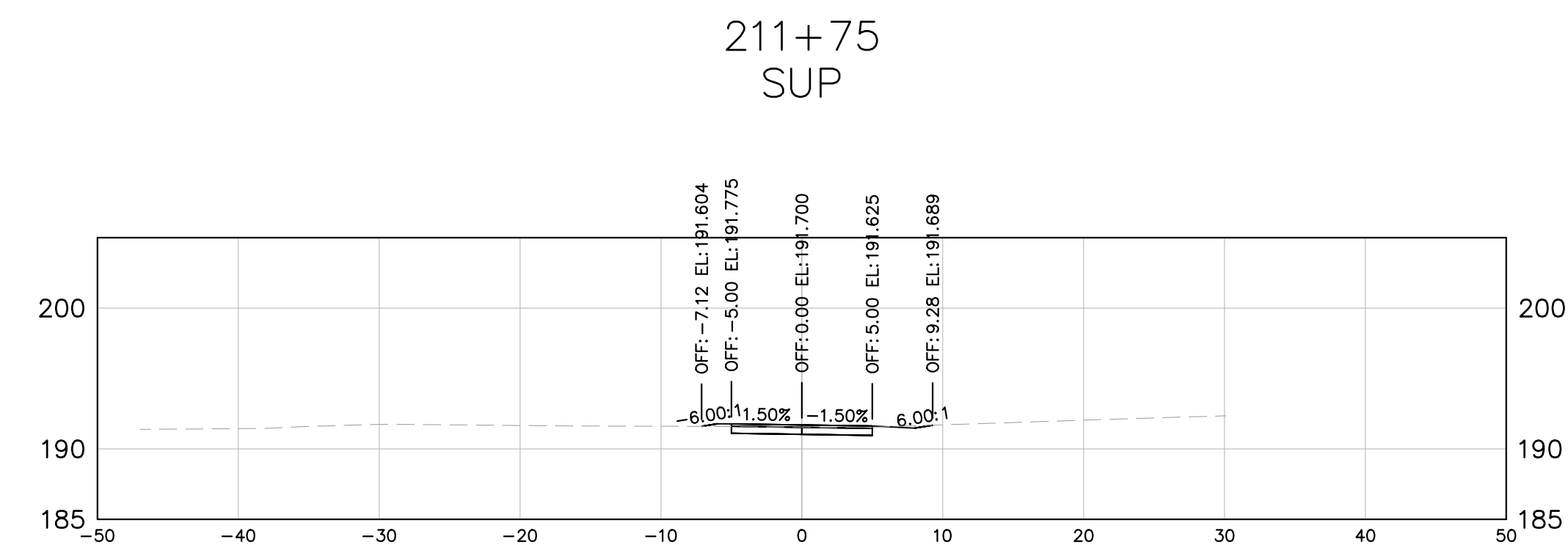
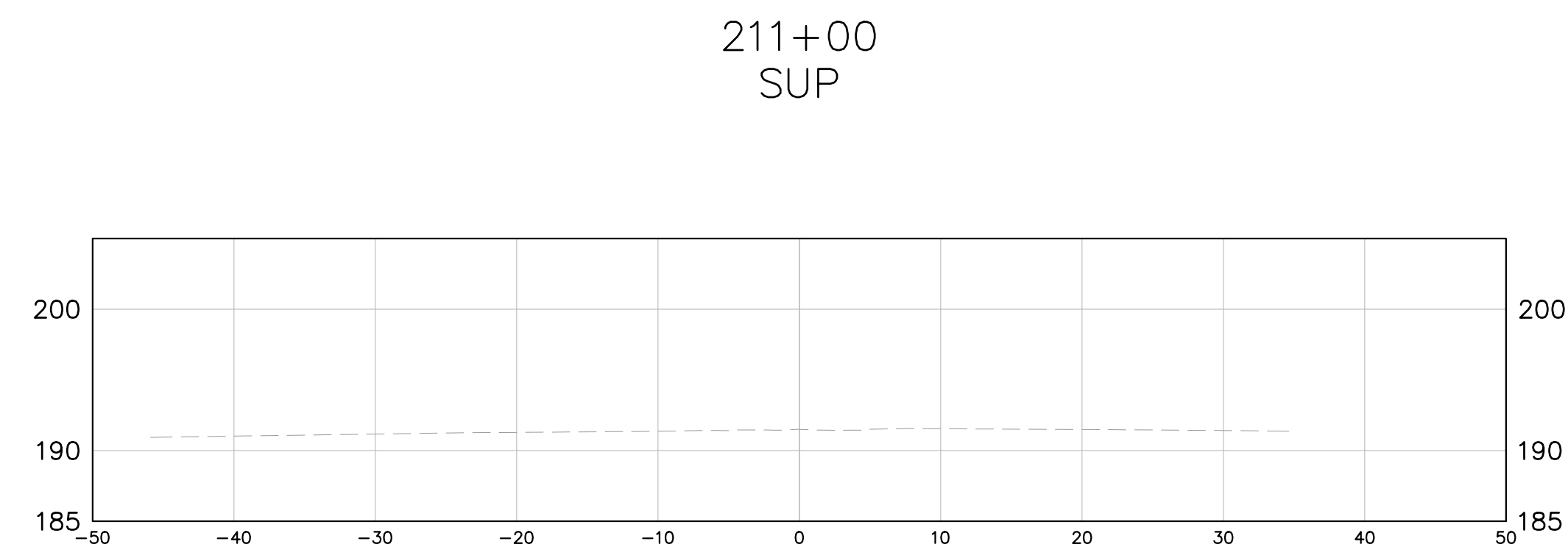
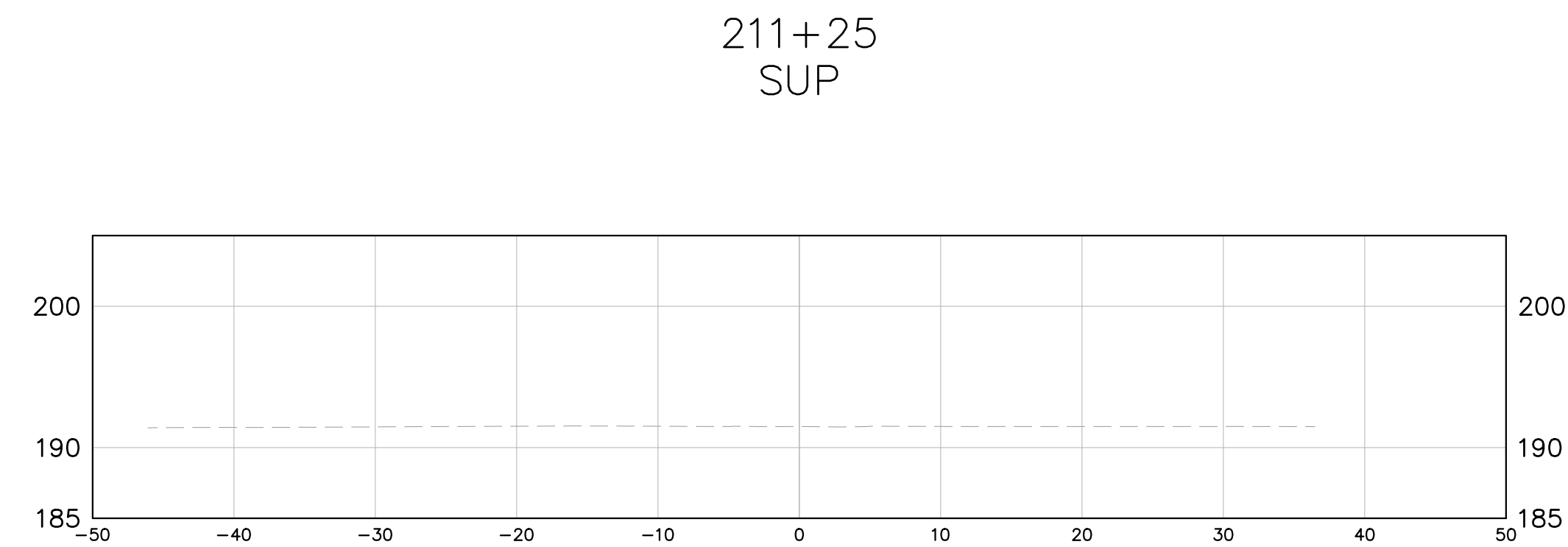
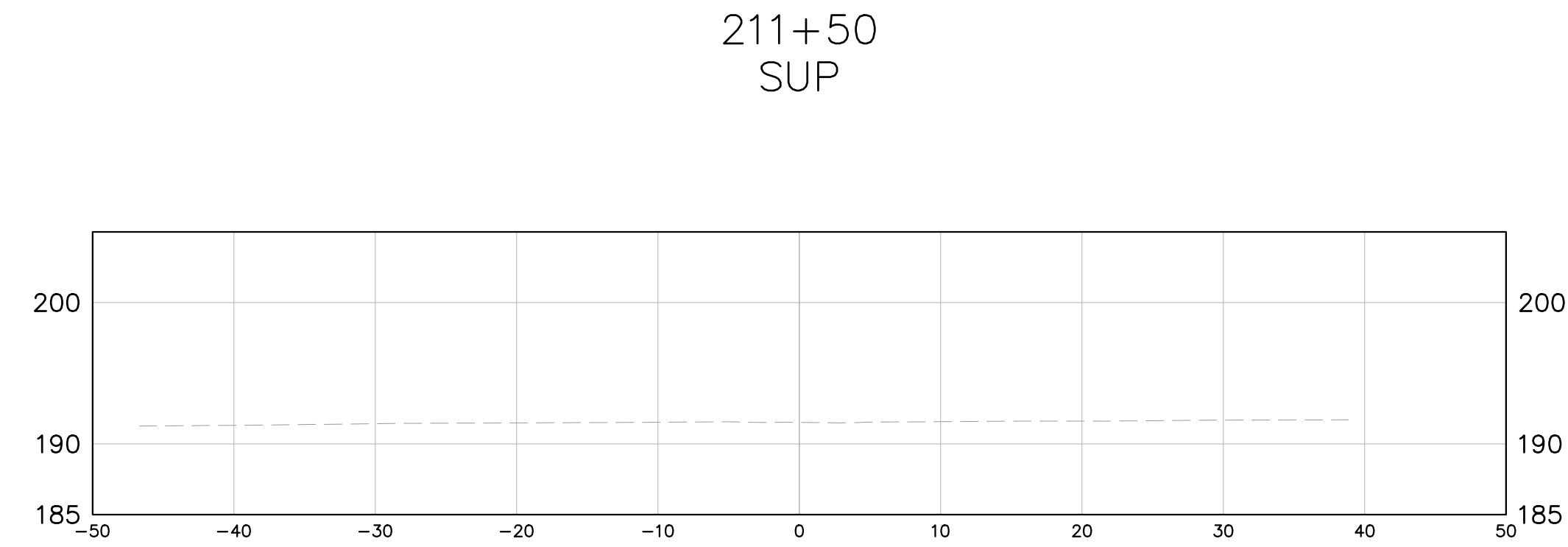
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY:	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO	<i>XS-15</i>	<i>11/21/2025</i>		<i>X-XXXXXX</i>
CHECKED BY: AMB					

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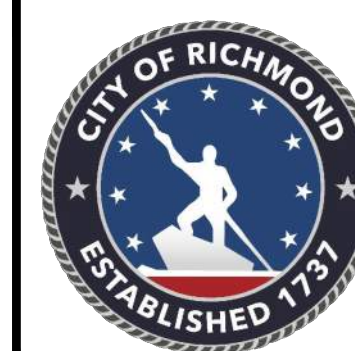
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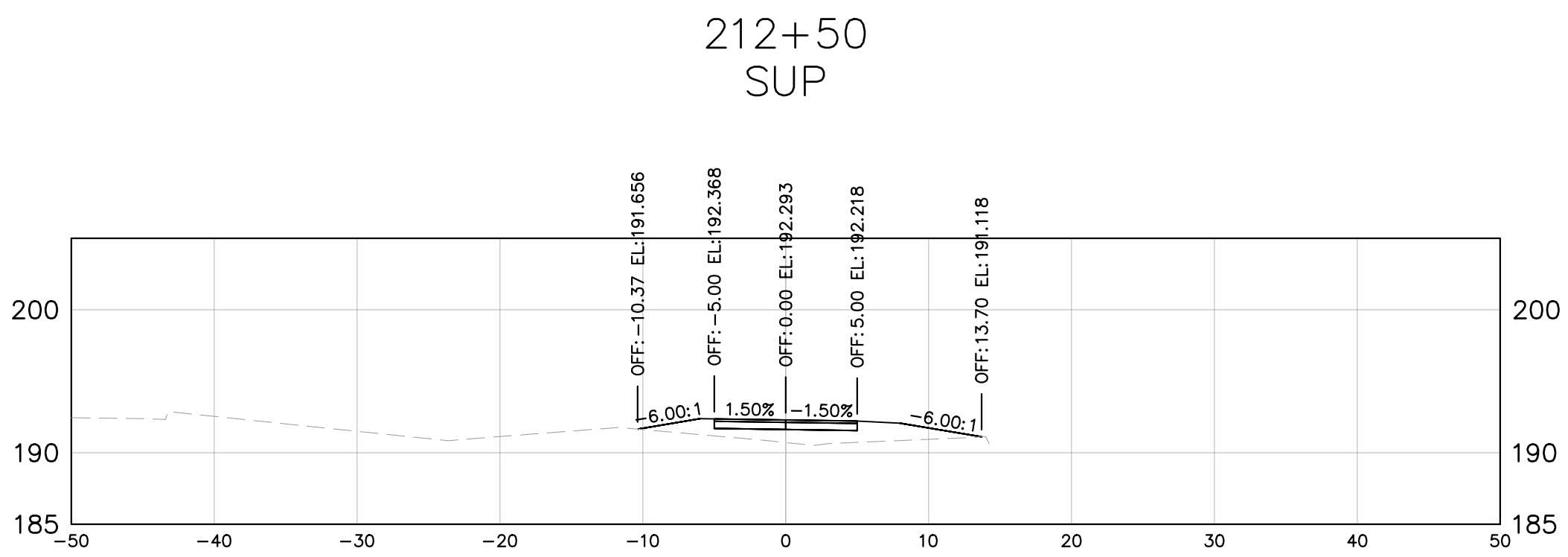
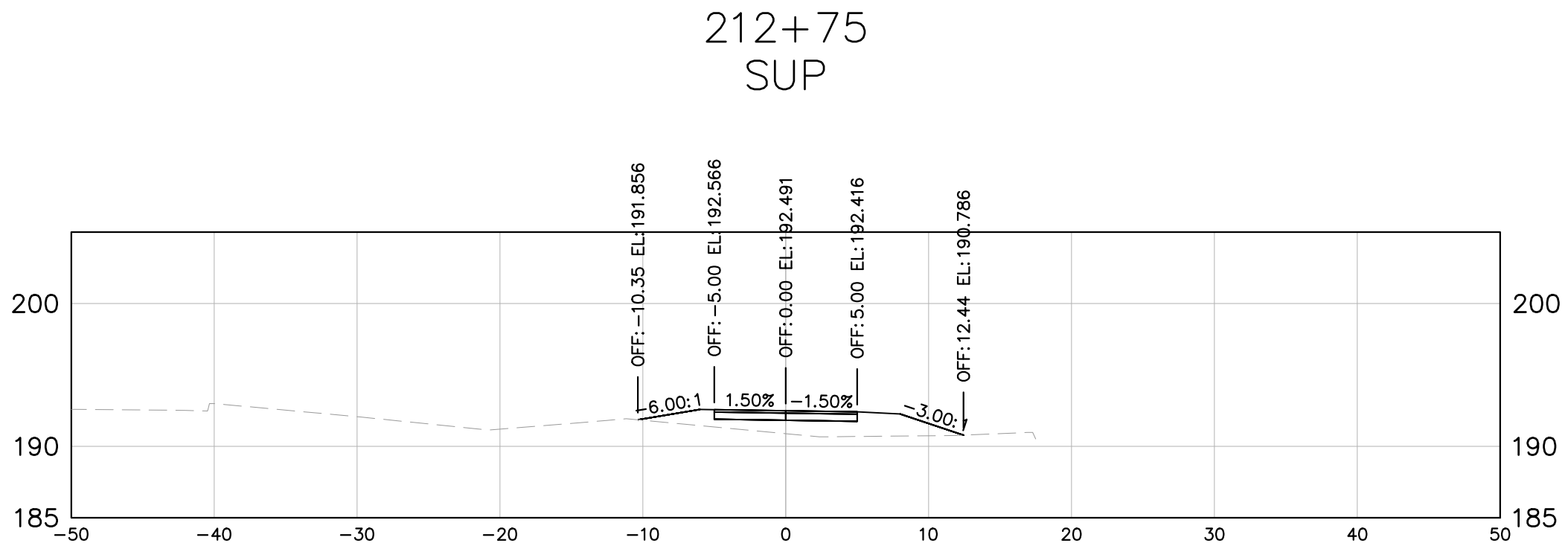
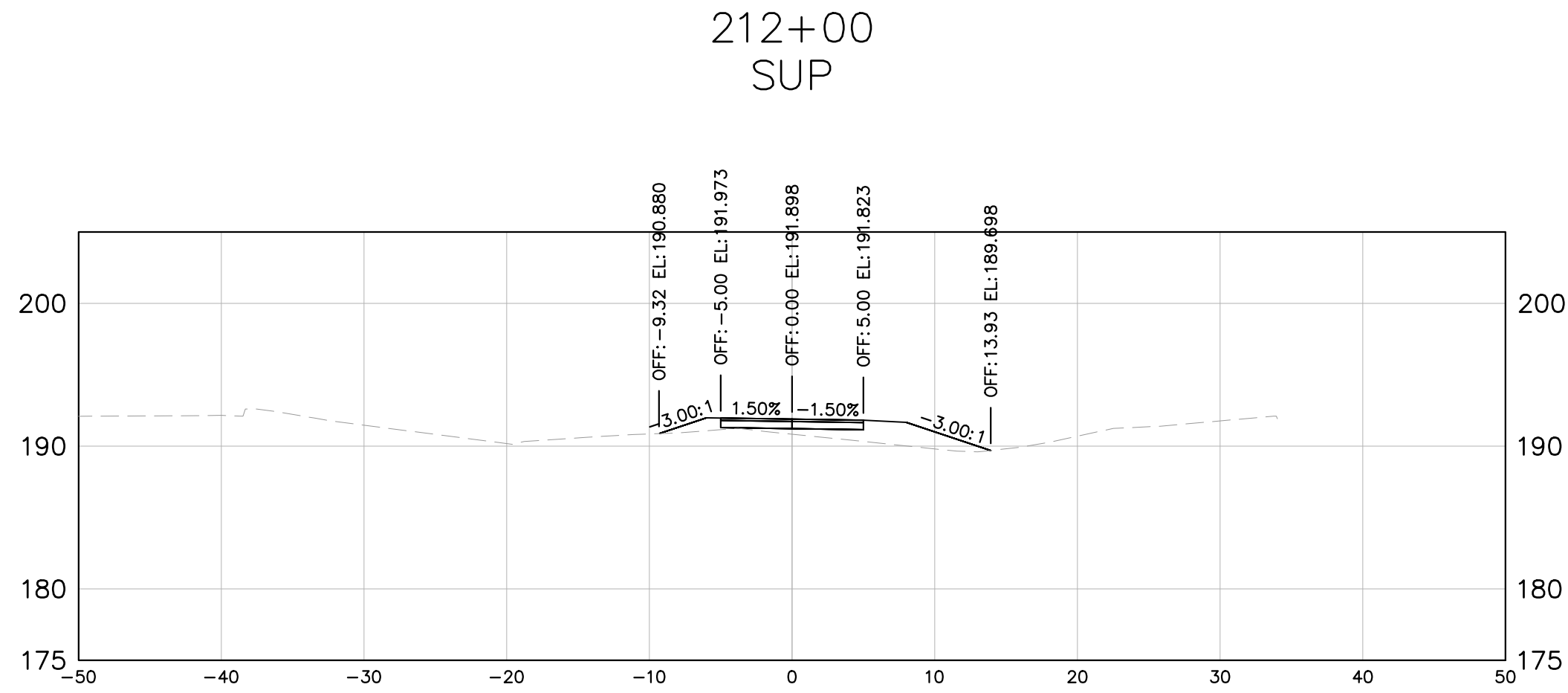
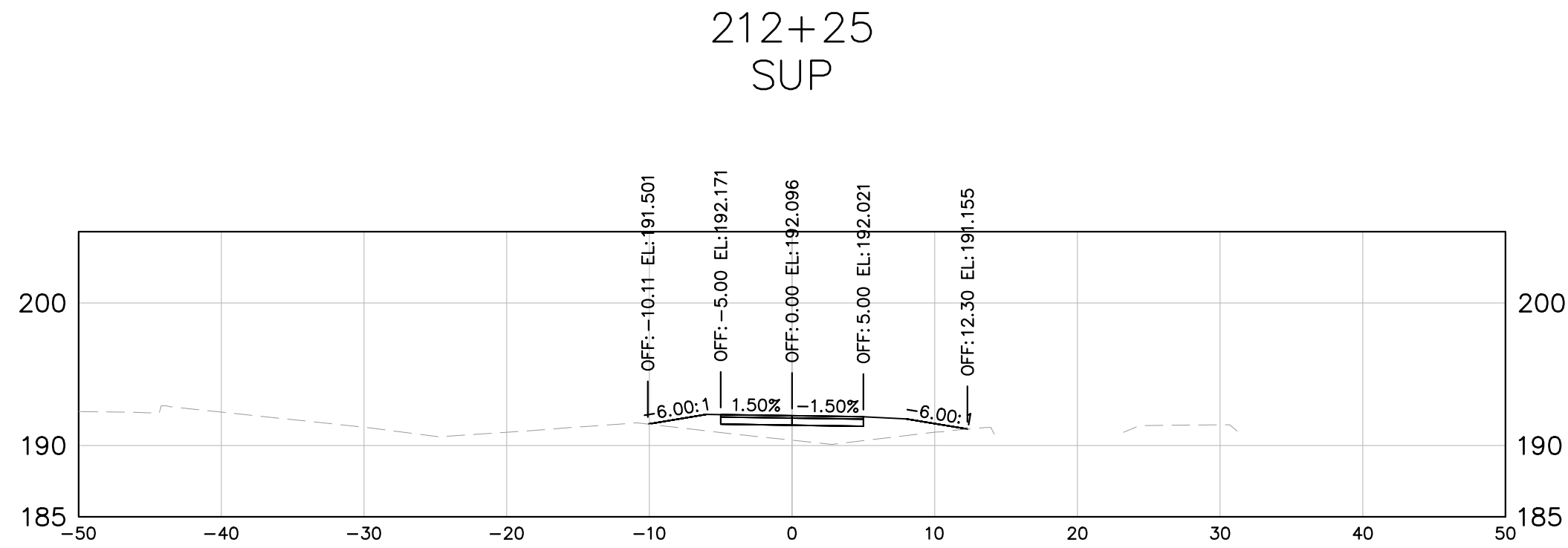
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
SHARED USE PATH

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VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO	XS-16	11/21/2025		X-XXXXXX
CHECKED BY: AMB					

Drawing name: K:\RCD-TPRO\113457_RCD-01_Call\015_SNV Shared Use Path\3 Project Data\CADD\REF\015408model.dwg XS17 Nov 21, 2025 7:31pm By: Alysa Baird
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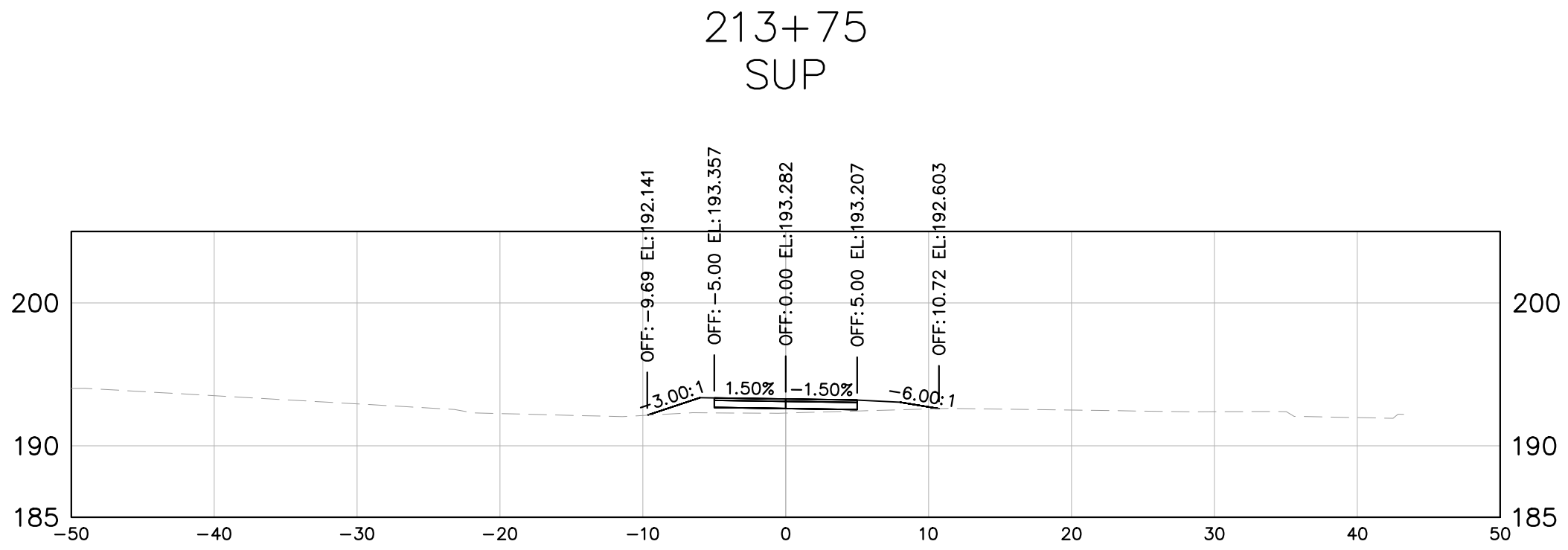
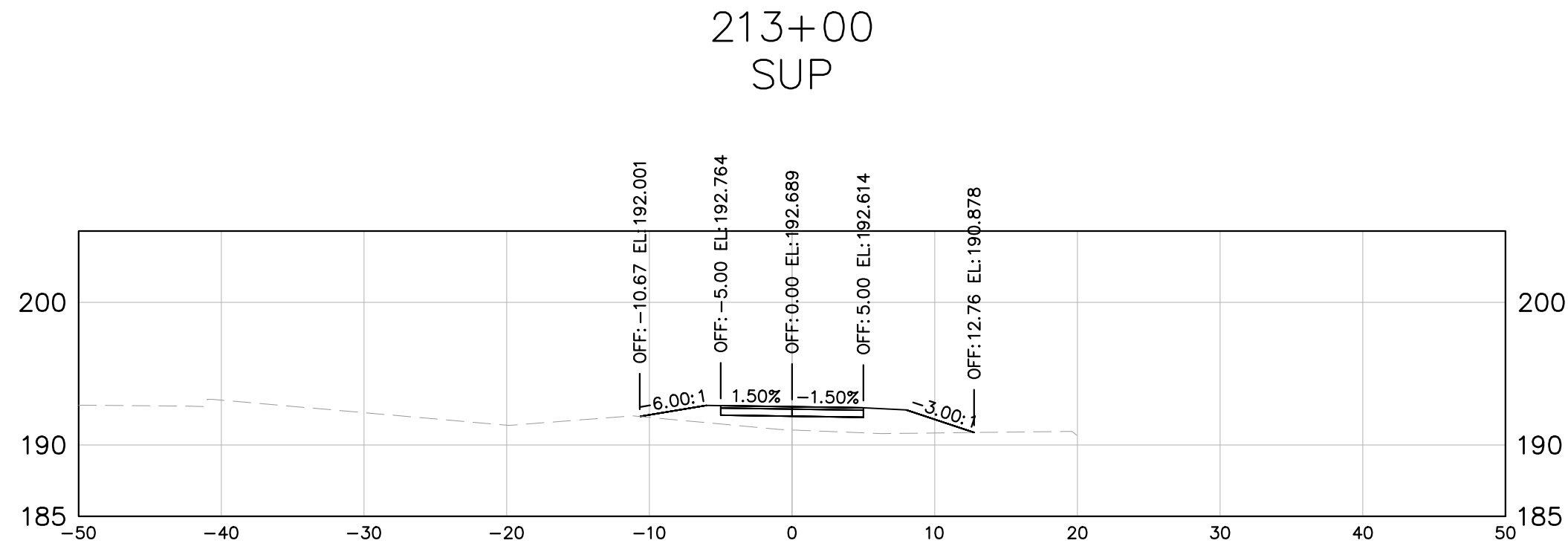
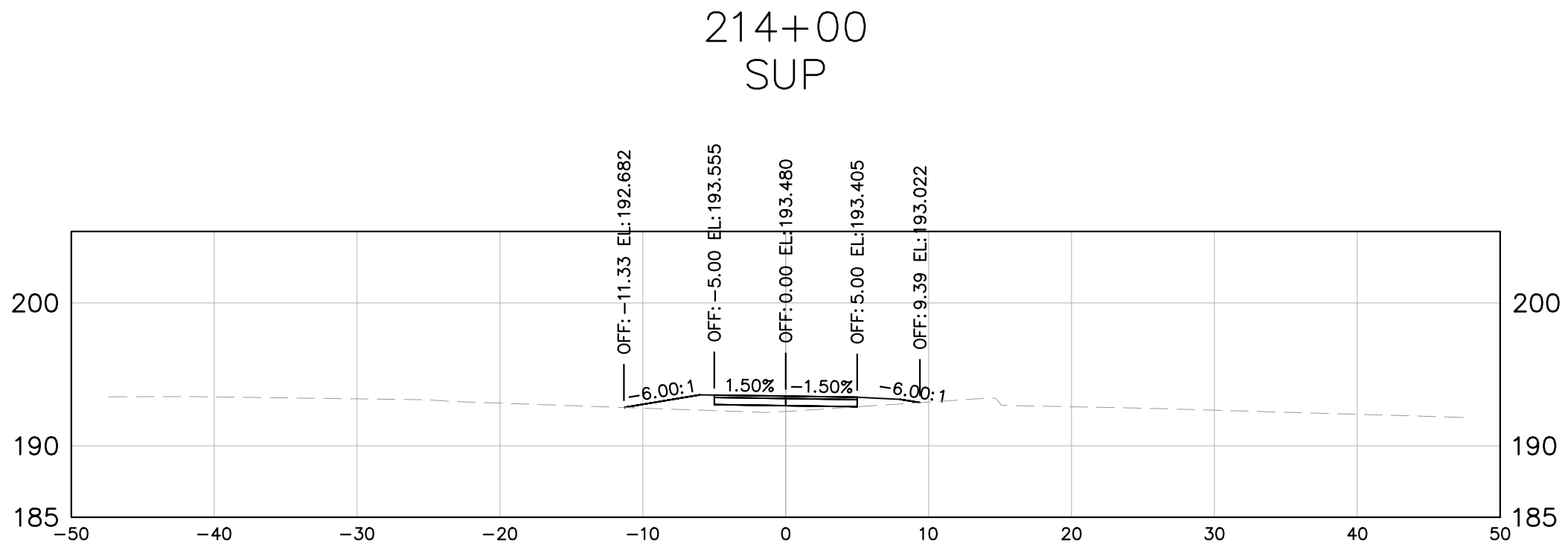
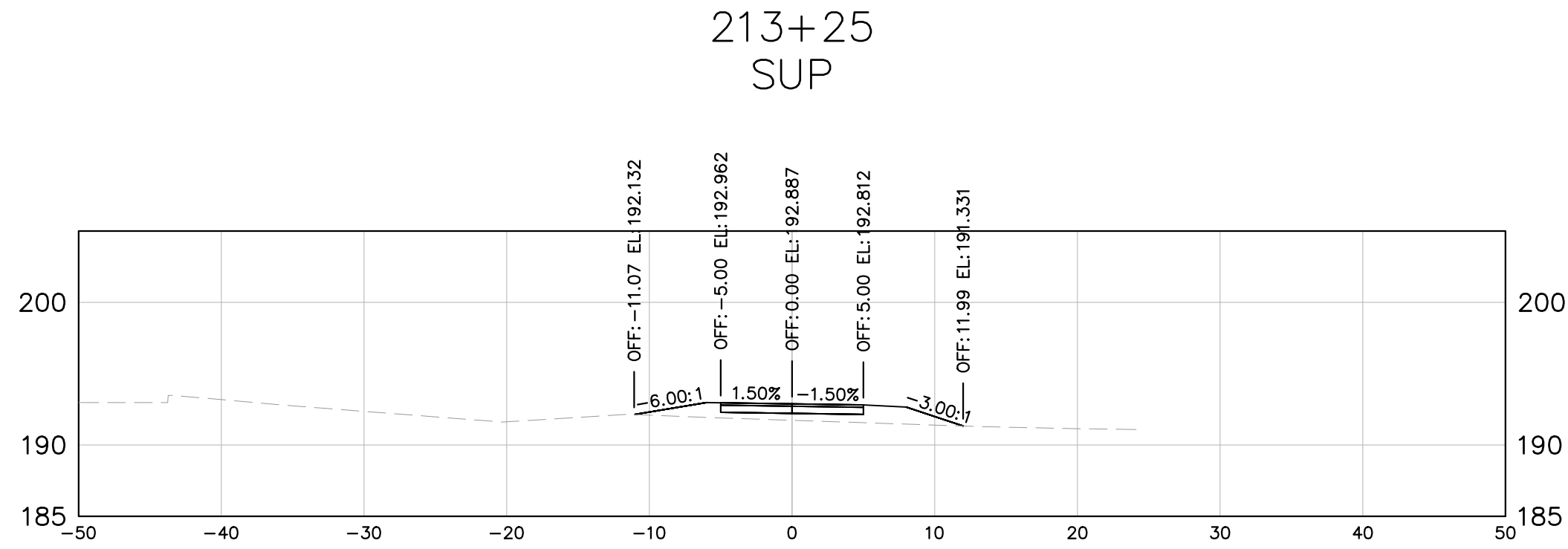
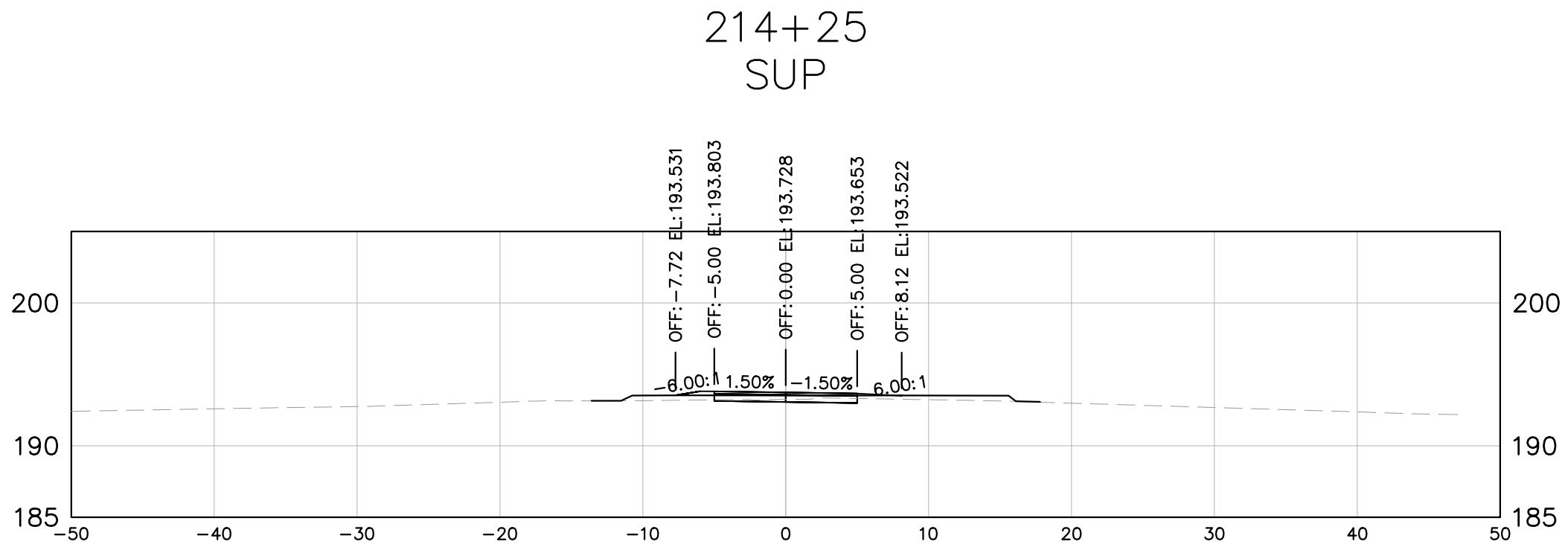
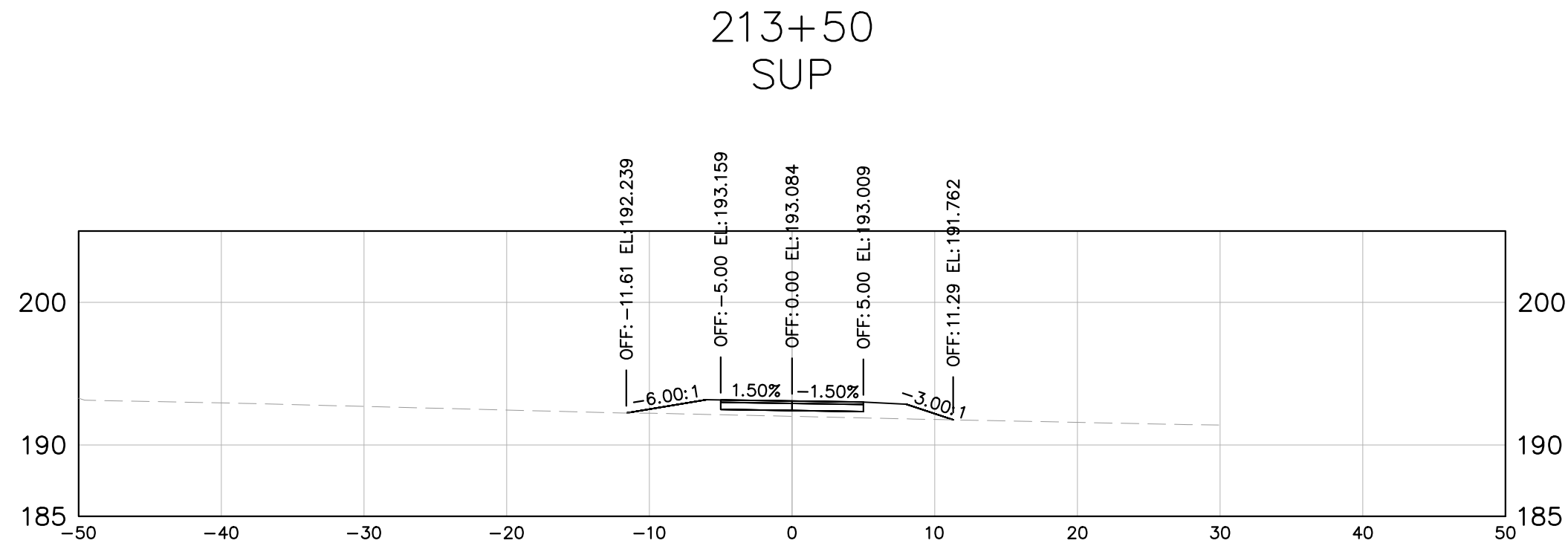
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DESIGN BY: AMB	REVIEWED BY: JHO	SCALE: XS-17	DATE: 11/21/2025	SHEET	DRAWING NO. X-XXXXX		
DRAWN BY: SOD							
CHECKED BY: AMB							

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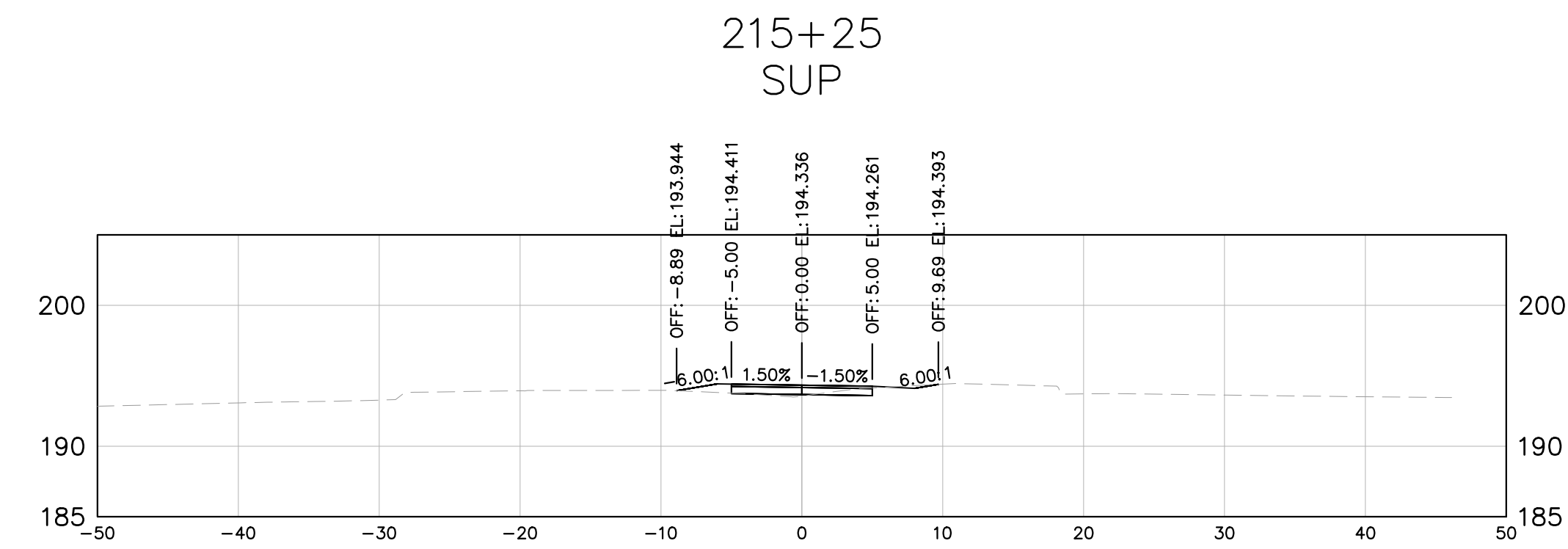
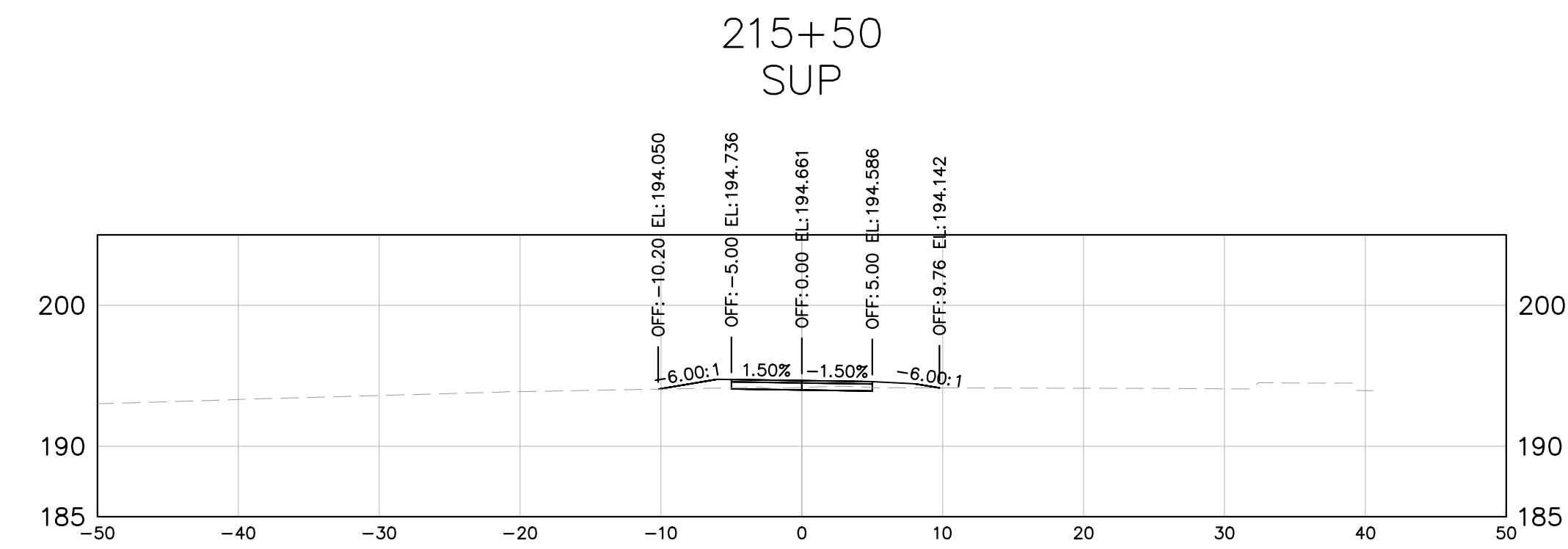
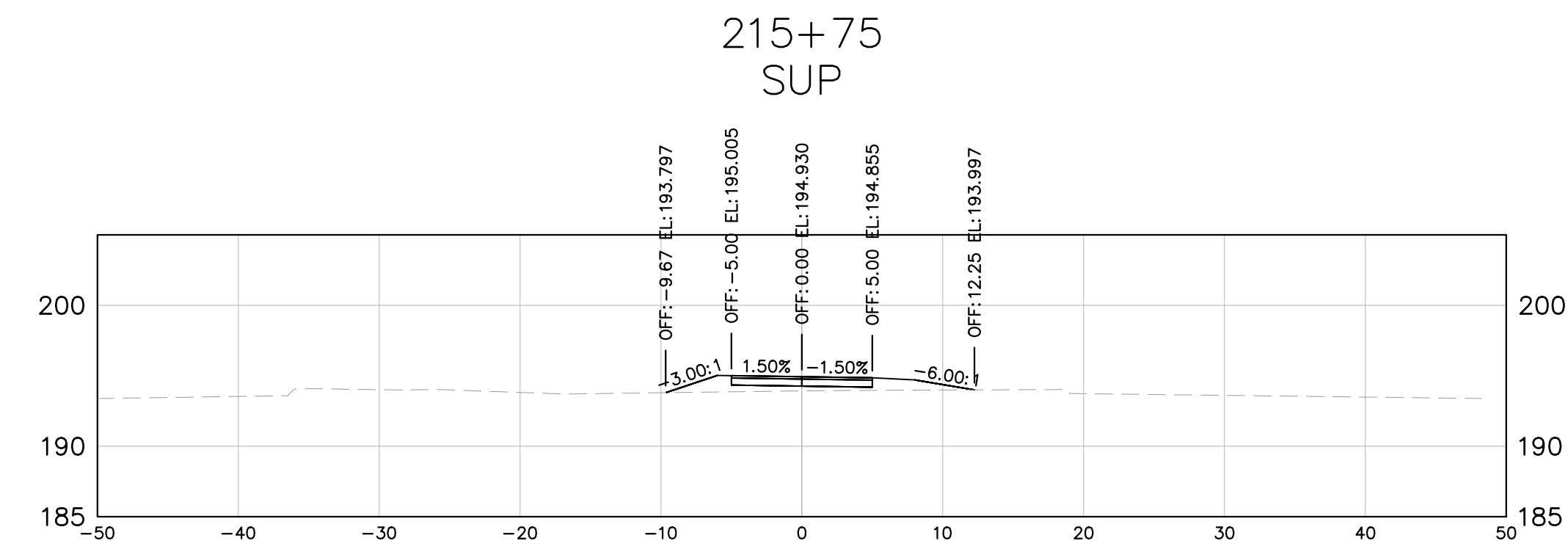
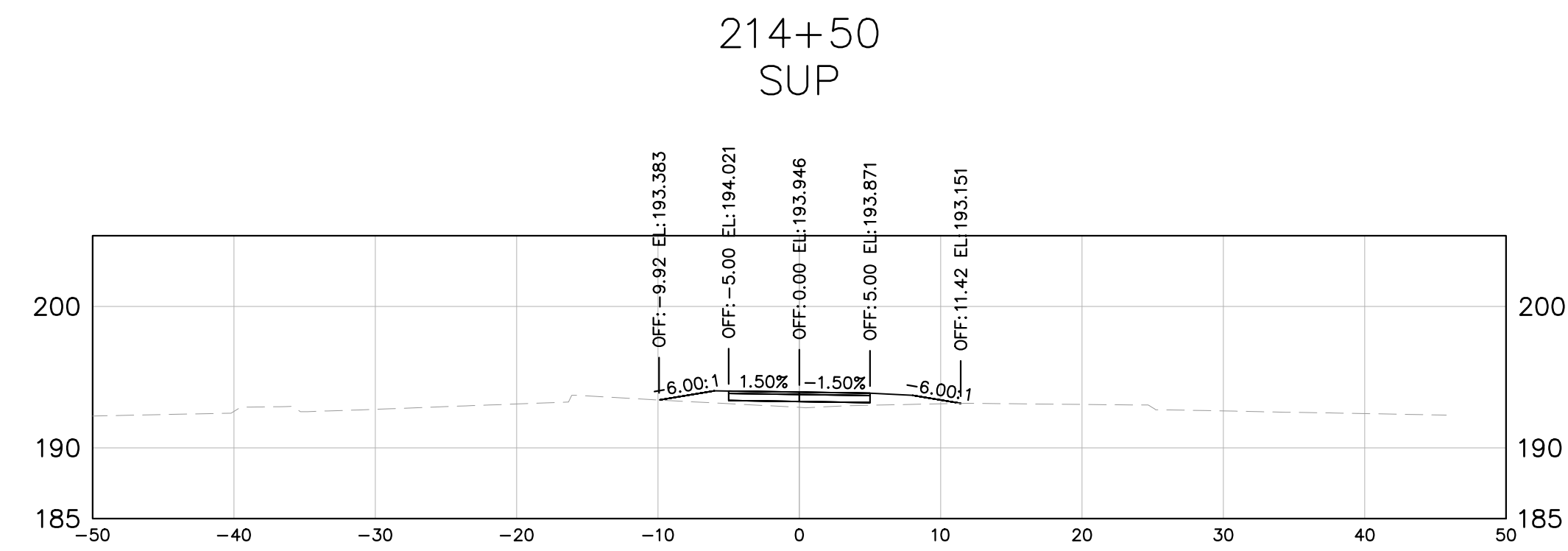
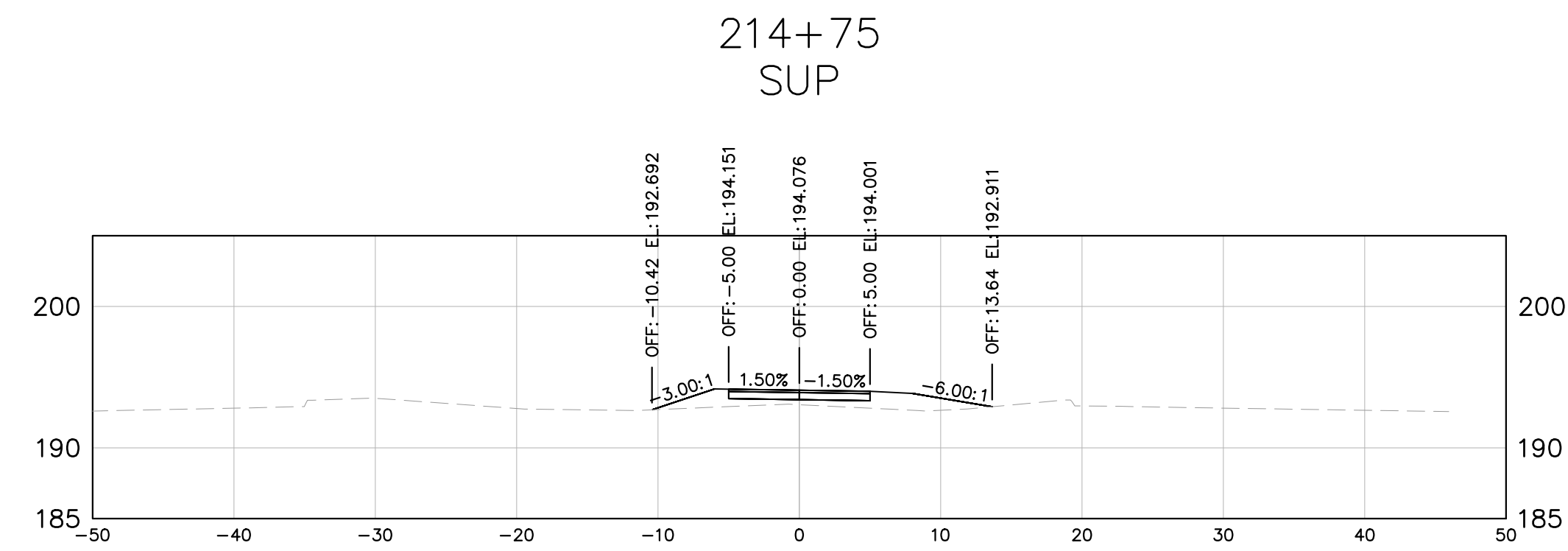
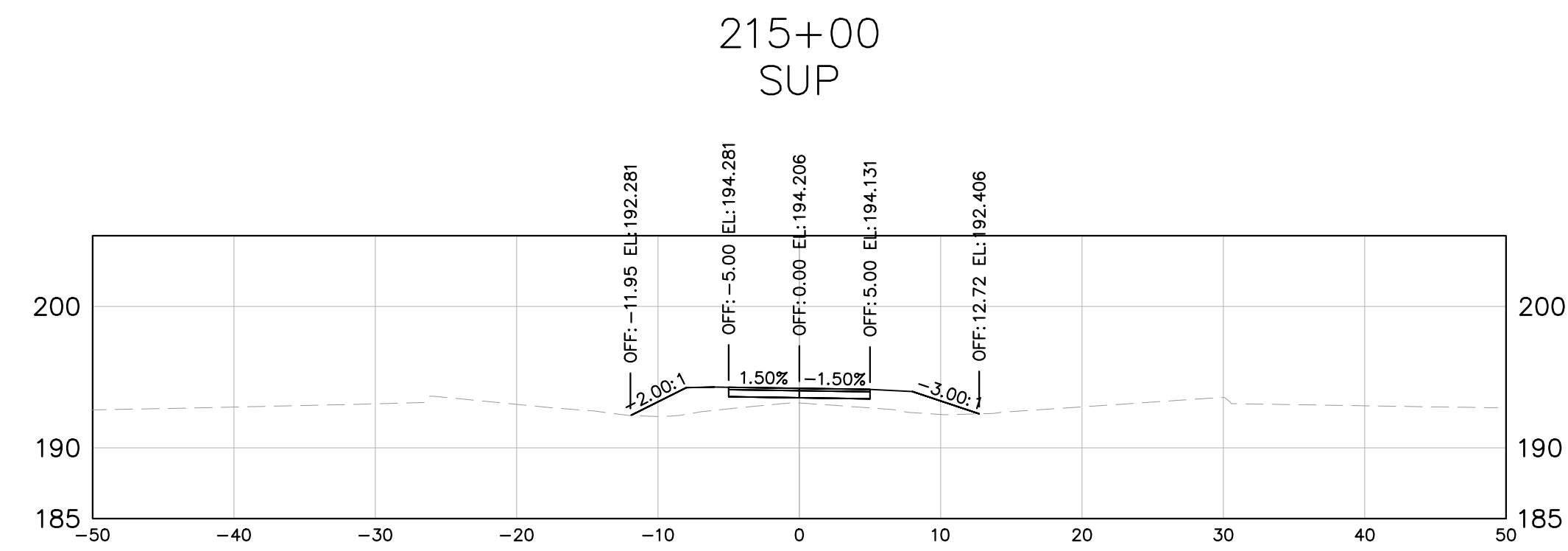
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ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
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AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS				VDOT PROJECT NO.: 9999-127-064, P101, RW201, CS01			
DESIGN BY: AMB	REVIEWED BY: JHO	SCALE: XS-18	DATE: 11/21/2025	SHEET	DRAWING NO.	X-XXXXX	
DRAWN BY: SOD	CHECKED BY: AMB						

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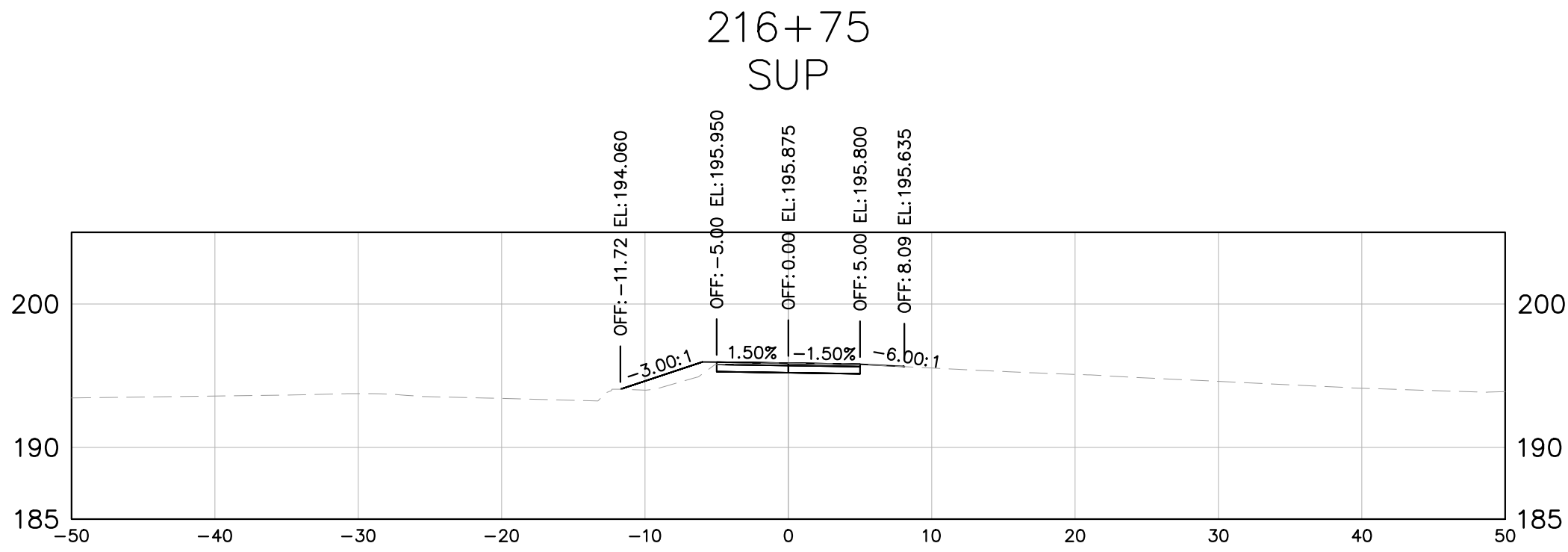
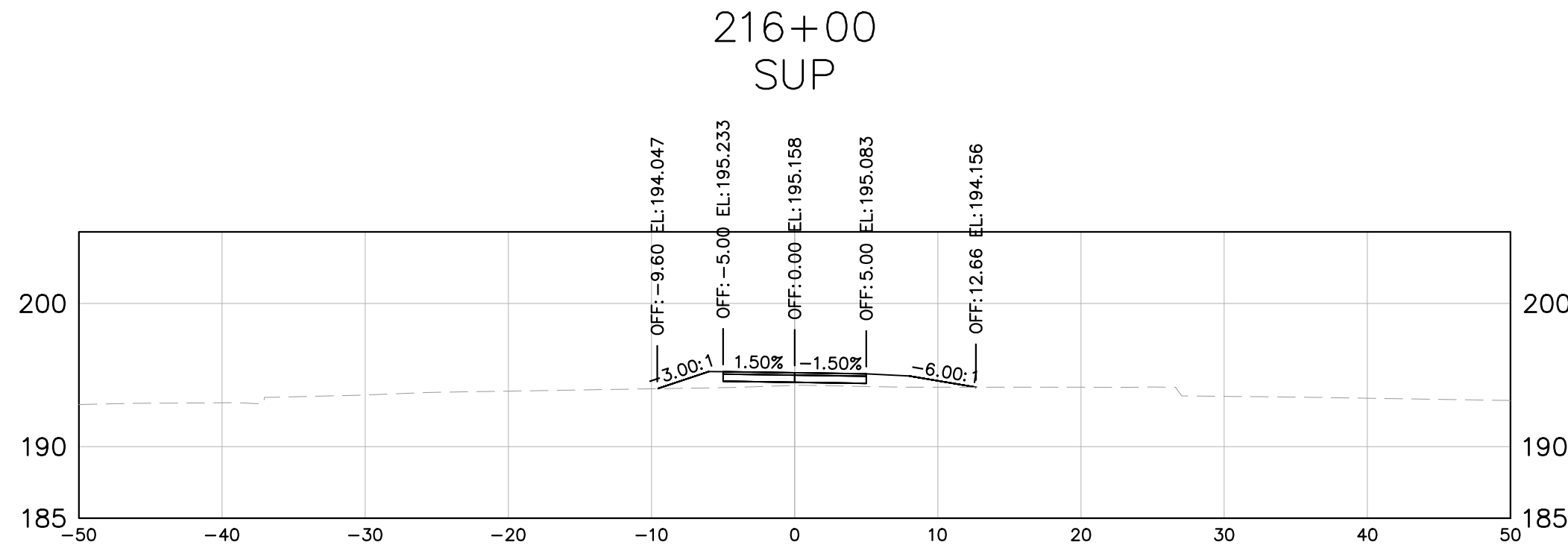
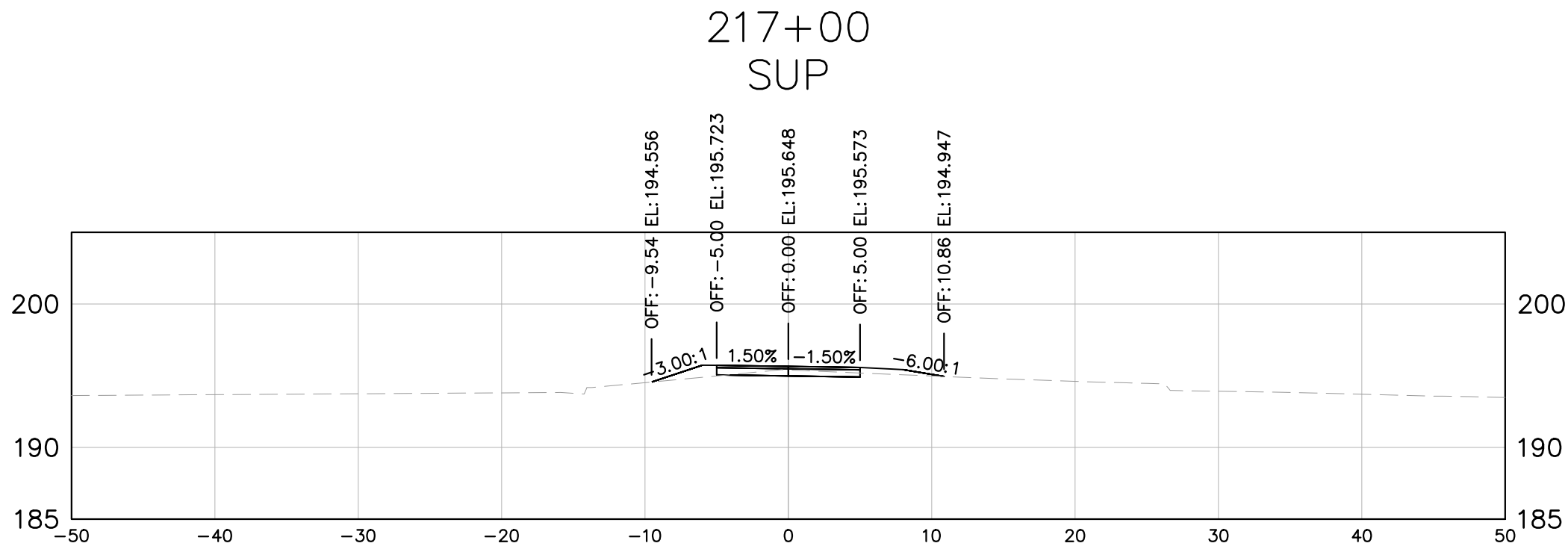
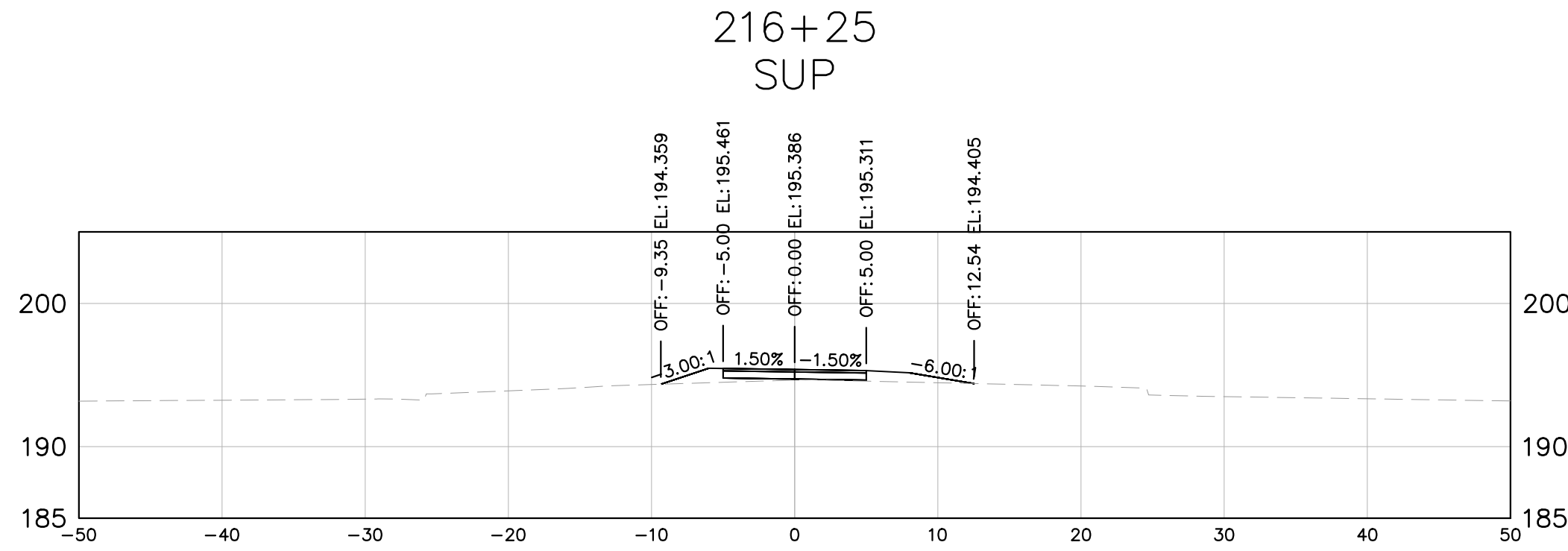
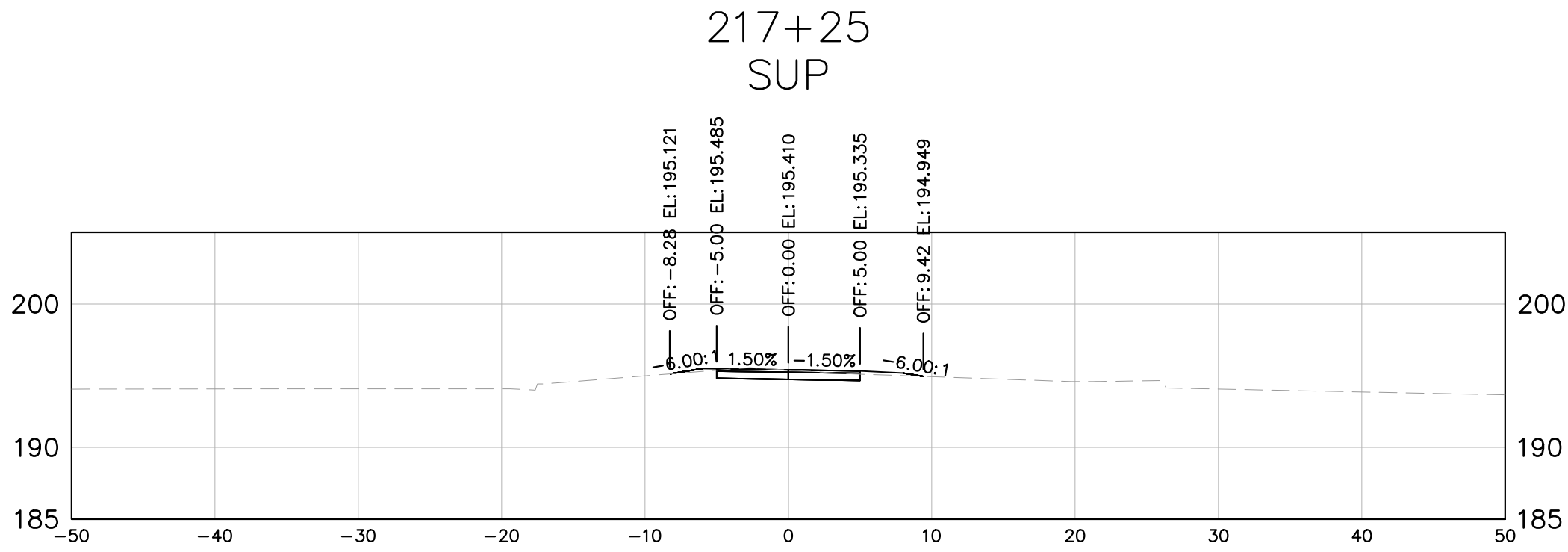
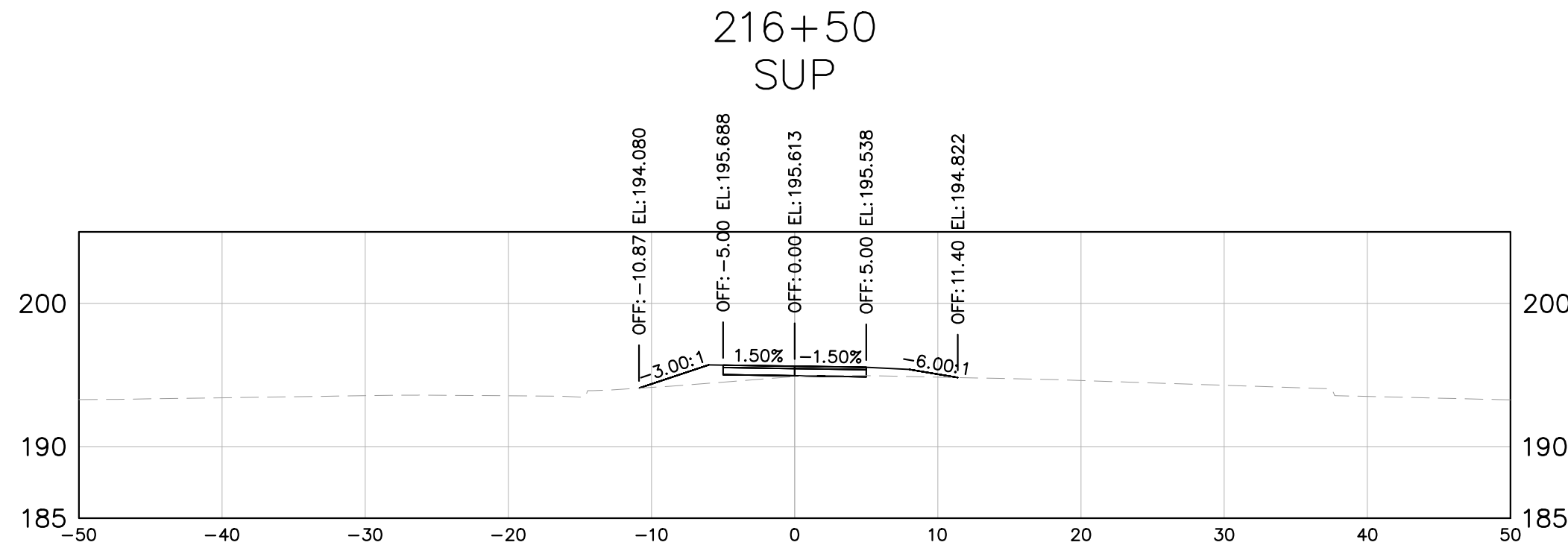
ARTHUR ASHE BLVD TO SCIENCE MUSEUM BRT STATION
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AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
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DESIGN BY: AMB	REVIEWED BY	SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO	X5-19	11/21/2025		X-XXXXXX
CHECKED BY: AMB					

Drawing name: K:\RCD-TP\01113457_RCD-01\015_SNV Shared Use Path\3 Project Data\CADD\XREF\0115408model.dwg XS20 Nov 21, 2025 7:31pm by: Alysa Baird
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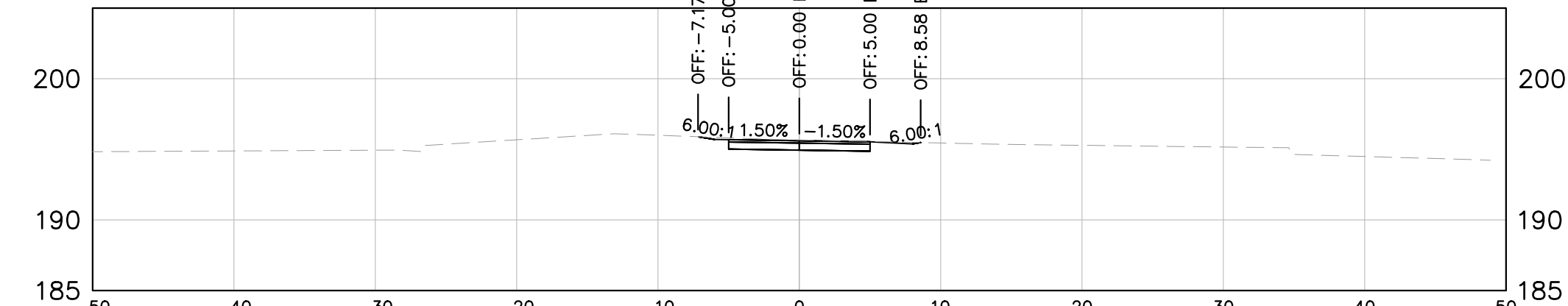
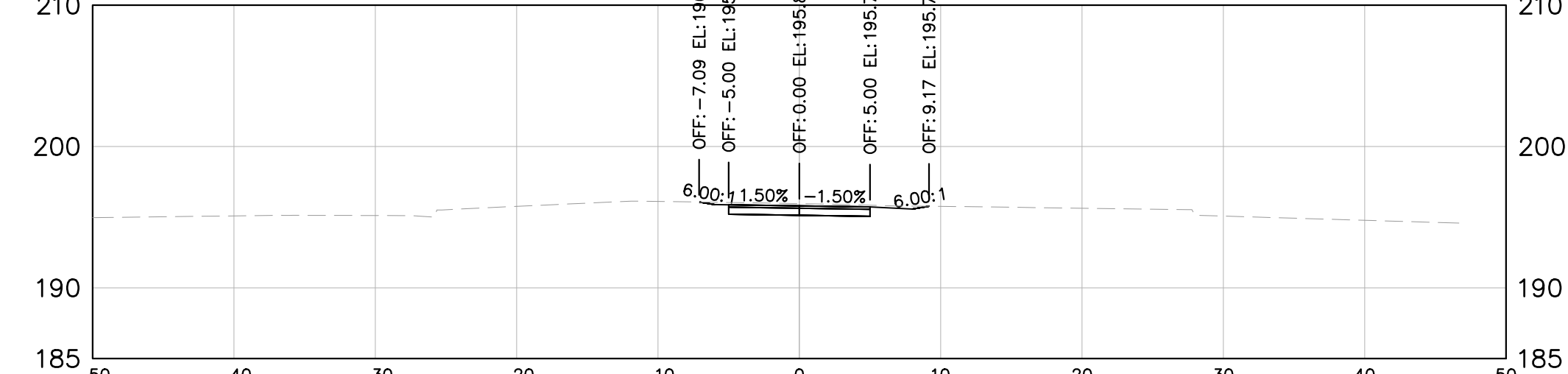
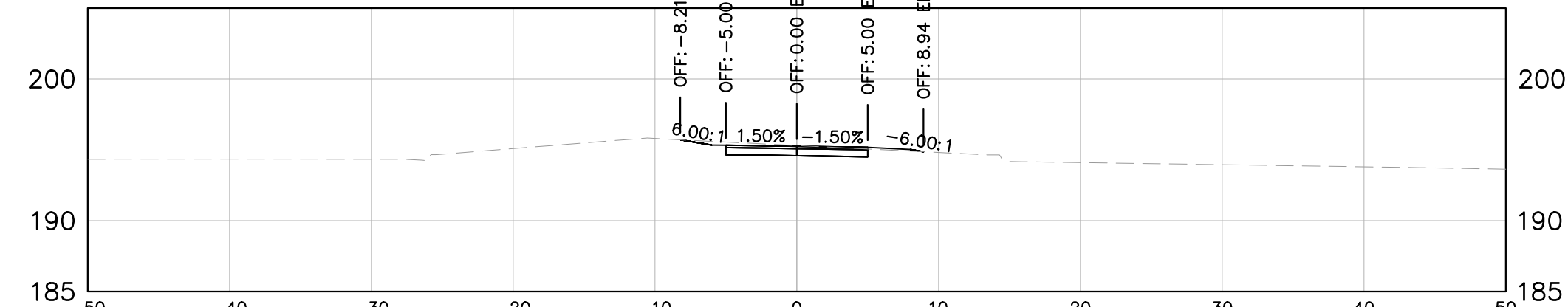
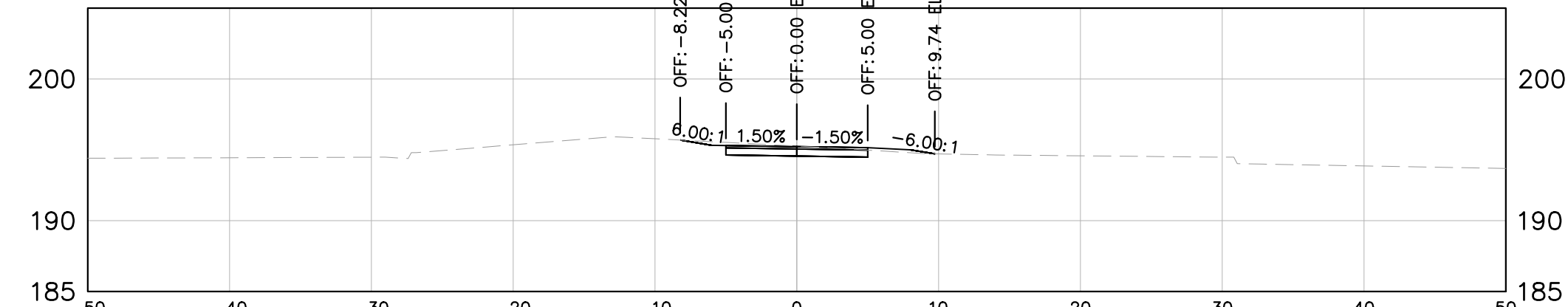
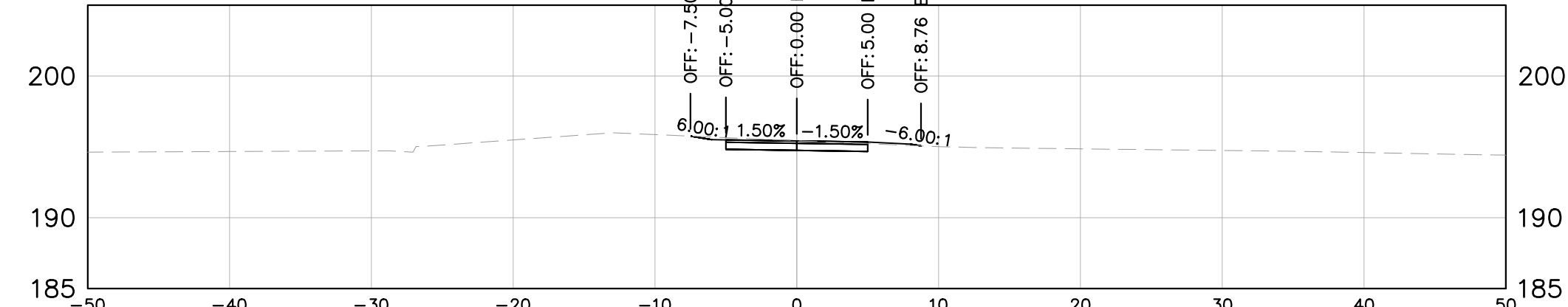
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SHARED USE PATH

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DESIGN BY: AMB	REVIEWED BY:	SCALE: XS-20	DATE: 11/21/2025	SHEET:	DRAWING NO.:		
DRAWN BY: SOD	JBO				X-XXXXX		
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by: Alysa.Baird
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AUTHORITY: CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS

VDOT PROJECT NO.:
9999-127-064, P101, RW201, C501

DESIGN BY: AMB	REVIEWED BY		SCALE	DATE	SHEET	DRAWING NO.
DRAWN BY: SOD	JHO		<i>XS-2I</i>	<i>11/21/2025</i>		<i>X-XXXXXX</i>
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