

CITY OF RICHMOND, VIRGINIA

DEPARTMENT OF PUBLIC WORKS

ENGINEERING & TECHNICAL SERVICES

CVTA PROJECT #109139, AWARD #501308

60% PLANS
5/31/24

NOTE: ALL WORK TO BE PERFORMED WITHIN EXISTING CITY OF RICHMOND RIGHT-OF-WAY OR CITY OF RICHMOND-MAINTAINED LAND.

INDEX OF SHEETS

SHEET	NUMBER
TITLE SHEET	1
ALIGNMENT DATA SHEET	1A
SURVEY DETAIL SHEETS	1B(1) - 1B(2)
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EXISTING CONDITIONS SHEET	1C(3) - 1C(6)
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TYPICAL SECTIONS	2A
STORMWATER MANAGEMENT COMPLIANCE MAP	2B(1)
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EROSION & SEDIMENT CONTROL PLANS	2C(3) - 2C(6)
TRANSPORTATION MANAGEMENT PLAN	2D
DRAINAGE CALCULATIONS	2E
PLAN & PROFILE SHEETS	3 - 9
SIGN SCHEDULE AND PAVEMENT MARKING & SIGNAGE NOTES	10(1)
PAVEMENT MARKING & SIGNAGE SHEETS	10(3) - 10(6)
DRAINAGE DESCRIPTIONS & STORM SEWER PROFILES	11(1)
CROSS SECTIONS	XS01 - XS13

TOTAL NUMBER OF SHEETS: 49

NOTE: TREE INVENTORY, ASSESSMENT, AND MANAGEMENT PLAN TO BE PROVIDED UNDER SEPARATE SUBMITTAL.



CITY OF RICHMOND

APPROVED FOR CONSTRUCTION	
DATE	SURVEYS SUPERINTENDENT
DATE	PROJECT MANAGER
DATE	MAINTENANCE ENGINEER
DATE	CITY TRAFFIC ENGINEER
DATE	CAPITAL PROJECTS ADMINISTRATOR
DATE	CITY ENGINEER
DATE	DIRECTOR OF PUBLIC WORKS

FALL LINE TRAIL - BRYAN PARK

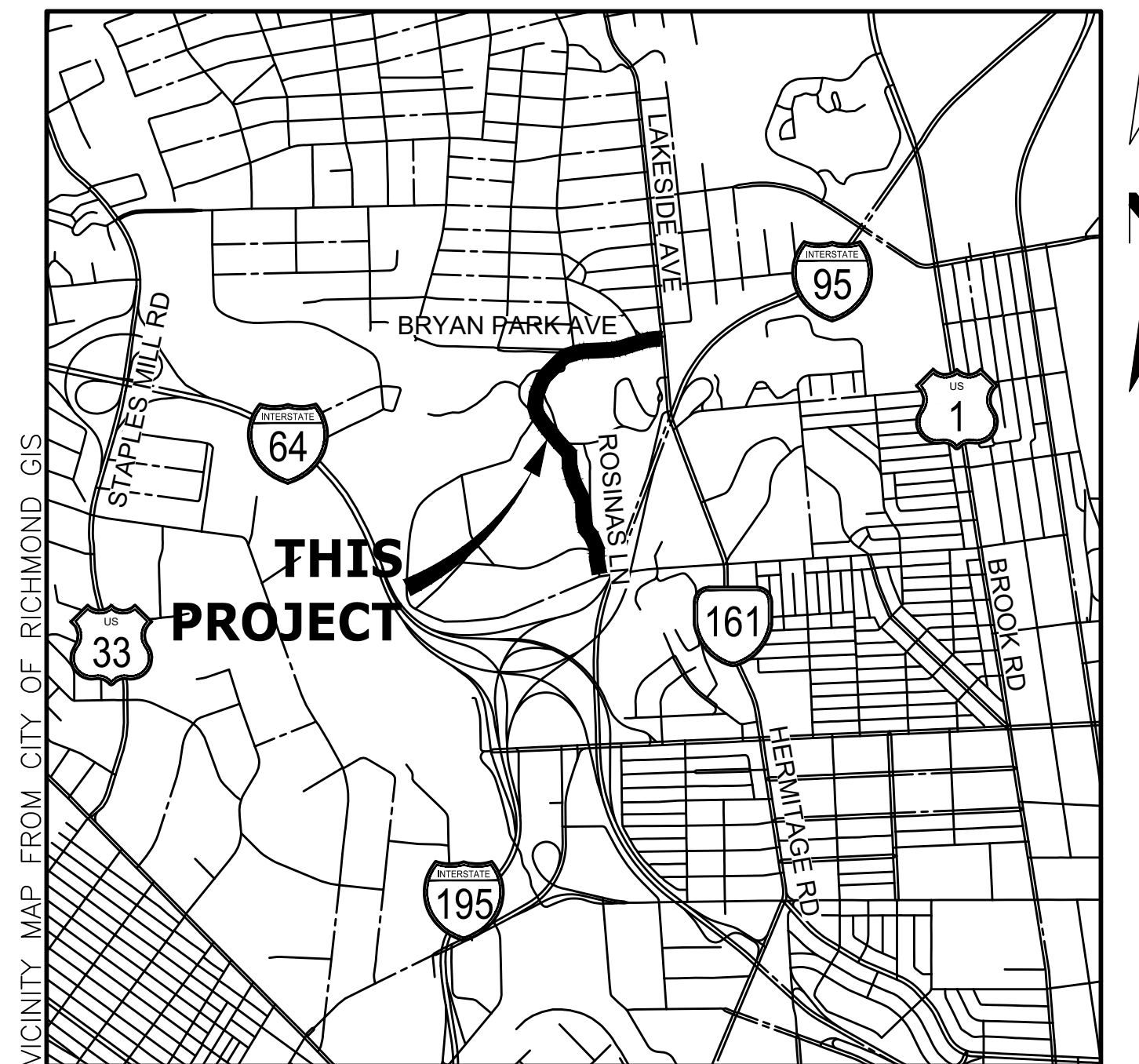
PROJECT LIMITS: BELLEVUE AVENUE TO LAKESIDE AVENUE

REVISIONS

NO.	DATE	COMMENTS

DISTURBED AREA: 2.97 AC.
DISTURBED AREA IN RPA: X.XX AC.
NEW IMPERVIOUS AREA: 0.29 AC.
TOTAL PROJECT AREA: 2.97 AC.

PROJECT LOCATION: 37.59855° N, 77.46808° W
 RECEIVING WATERS: UPHAM BROOK
 VAHU6 UNIT CODE: JL18
 HUC8: 02080206
 NOAA ATLAS 14 STATION: RICHMOND WB CITY



VICINITY MAP



5/31/24

NOT FOR CONSTRUCTION

Timmons Group
 Richmond, Virginia
 ROADWAY/HYDRAULIC ENGINEER

OWNER:
 CITY OF RICHMOND
 DEPT. OF PUBLIC WORKS
 900 E. BROAD STREET, RICHMOND, VA 23219
 PROJECT MANAGER - ADEL EDWARD
 CONTACT # (804) 646-6584

REQUIRED PERMITS:

- RSMP PERMIT
- WORK IN STREETS PERMIT

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 LATEST VERSIONS OF VDOT'S 2020 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS, 2011 VIRGINIA WORK AREA PROTECTION MANUAL - REVISION 2.1, THE LATEST VERSION OF THE MUTCD AND AS AMENDED BY THE CONTRACT PROVISIONS.

18 MPH DESIGN SPEED

TIMMONS GROUP

YOUR VISION ACHIEVED THROUGH OURS.

1001 Boulders Parkway, Suite 300 | Richmond, VA 23225
 TEL 804.200.6500 FAX 804.560.1016 www.timmons.com
JOB# 57064.060

REVISIONS:

DRAWING NO.: N-29103

FLT BRYAN PARK

Alignment Name: FLT Bryan Park
Station Range: Start: 10+00.00, End: 59+04.97

Table with 10 columns: Stationing, Curve Info, Point Data, Curve Info, Point Data, Curve Info, Point Data, Curve Info, Point Data, Curve Info. Contains detailed technical data for alignment points and curves.

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCE
DESIGNED BY: K. JENKINS

L:\2024\8703-FLT_BryanPark\DWG\Sheet\CD\65763-2024-01A.dwg | Plotted on 5/30/2024 5:33 PM | by Kaitlyn Jenkins

- NOTES
1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of 03/2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

Table with 2 columns: REVISIONS, REVISIONS. Contains a table header for tracking changes.

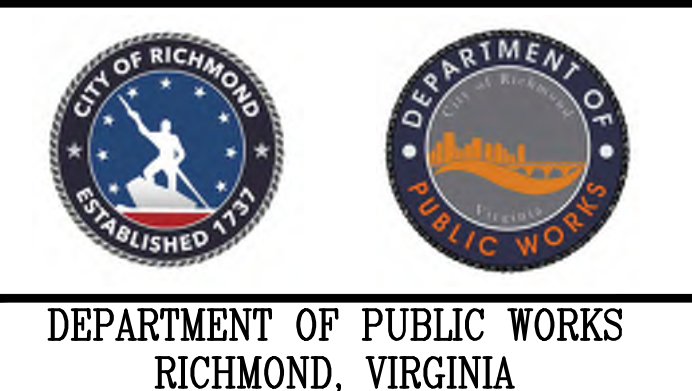


Table with project metadata: FIELD NOTES, SCALE, DATE, SHEET (1A), DRAWING NO (N-29103)

FALL LINE TRAIL - BRYAN PARK
ALIGNMENT DATA SHEET

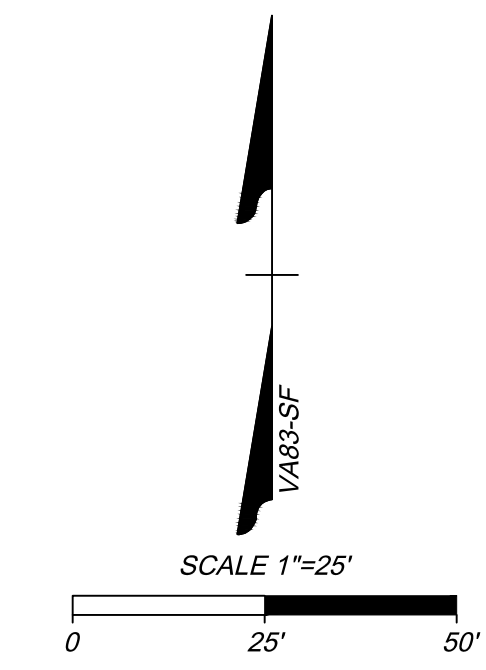
Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

Horizontal Control Control Station I. D. : CS-1 Date : 02-15-2024		Horizontal Control Control Station I. D. : CS-2 Date : 02-15-2024		Horizontal Control Control Station I. D. : CS-3 Date : 02-15-2024	
VA State Plane Coordinates: East (X) : 11782,229.8144 ft. North (Y) : 3,743,309.1202 ft. Ortho. Elevation (H) : 143.97 ft. Zone : North = South X (place an 'X' beside one)		VA State Plane Coordinates: East (X) : 11781,871.7346 ft. North (Y) : 3,743,125.1507 ft. Ortho. Elevation (H) : 142.70 ft. Zone : North = South X (place an 'X' beside one)		VA State Plane Coordinates : East (X) : 11781,349.0028 ft. North (Y) : 3,743,024.2424 ft. Ortho. Elevation (H) : 150.13 ft. Zone : North = South X (place an 'X' beside one)	
Project Specific Combined Scale Factor: 1.000049773 (9 Decimal Places) Project Number : _____ Route : _____ City/County : Richmond(127) Established By : Timmons Group		Project Specific Combined Scale Factor: 1.000049773 (9 Decimal Places) Project Number : _____ Route : _____ City/County : Richmond(127) Established By : Timmons Group		Project Specific Combined Scale Factor: 1.000049773 (9 Decimal Places) Project Number : _____ Route : _____ City/County : Richmond(127) Established By : Timmons Group	
Latitude : 37° 35' 56.56791" N (5 Decimal Places) Longitude : 77° 28' 00.62131" W (5 Decimal Places) Geoid Separation (N) : -32.945 m Ellipsoid Height (h) : 10.938 m Horizontal Datum : NAD83 Year : 2011 Vertical Datum : NAVD88 Geoid : 18 Azimuth to Station : CS-2 Is 242° 48' 27" Control Based On: Station (Name/PID) RTCM-0592 or Project (Monument No.) : _____		Latitude : 37° 35' 54.78786" N (5 Decimal Places) Longitude : 77° 28' 05.0955" W (5 Decimal Places) Geoid Separation (N) : -32.943 m Ellipsoid Height (h) : 10.552 m Horizontal Datum : NAD83 Year : 2011 Vertical Datum : NAVD88 Geoid : 18 Azimuth to Station : CS-3 Is 259° 04' 26" Control Based On: Station (Name/PID) RTCM-0592 or Project (Monument No.) : _____		Latitude : 37° 35' 53.84669" N (5 Decimal Places) Longitude : 77° 28' 11.60436" W (5 Decimal Places) Geoid Separation (N) : -32.940 m Ellipsoid Height (h) : 12.818 m Horizontal Datum : NAD83 Year : 2011 Vertical Datum : NAVD88 Geoid : 18 Azimuth to Station : CS-4 Is 235° 02' 03" Control Based On: Station (Name/PID) RTCM-0592 or Project (Monument No.) : _____	
DETAILED SKETCH (Not to Scale) 		DETAILED SKETCH (Not to Scale) 		DETAILED SKETCH (Not to Scale) 	
Horizontal Control Control Station I. D. : CS-4 Date : 02-15-2024		Horizontal Control Control Station I. D. : CS-5 Date : 02-15-2024		Horizontal Control Control Station I. D. : CS-6 Date : 02-15-2024	
VA State Plane Coordinates : East (X) : 11781,023.8546 ft. North (Y) : 3,742,796.8589 ft. Ortho. Elevation (H) : 162.57 ft. Zone : North = South X (place an 'X' beside one)		VA State Plane Coordinates : East (X) : 11780,648.6526 ft. North (Y) : 3,742,745.6591 ft. Ortho. Elevation (H) : 154.32 ft. Zone : North = South X (place an 'X' beside one)		VA State Plane Coordinates : East (X) : 11780,515.8797 ft. North (Y) : 3,742,422.6914 ft. Ortho. Elevation (H) : 179.85 ft. Zone : North = South X (place an 'X' beside one)	
Project Specific Combined Scale Factor: 1.000049773 (9 Decimal Places) Project Number : _____ Route : _____ City/County : Richmond(127) Established By : Timmons Group		Project Specific Combined Scale Factor: 1.000049773 (9 Decimal Places) Project Number : _____ Route : _____ City/County : Richmond(127) Established By : Timmons Group		Project Specific Combined Scale Factor: 1.000049773 (9 Decimal Places) Project Number : _____ Route : _____ City/County : Richmond(127) Established By : Timmons Group	
Latitude : 37° 35' 51.63377" N (5 Decimal Places) Longitude : 77° 28' 15.6752" W (5 Decimal Places) Geoid Separation (N) : -32.938 m Ellipsoid Height (h) : 16.614 m Horizontal Datum : NAD83 Year : 2011 Vertical Datum : NAVD88 Geoid : 18 Azimuth to Station : CS-5 Is 262° 13' 46" Control Based On: Station (Name/PID) RTCM-0592 or Project (Monument No.) : _____		Latitude : 37° 35' 51.6800" N (5 Decimal Places) Longitude : 77° 28' 20.3440" W (5 Decimal Places) Geoid Separation (N) : -32.936 m Ellipsoid Height (h) : 14.102 m Horizontal Datum : NAD83 Year : 2011 Vertical Datum : NAVD88 Geoid : 18 Azimuth to Station : CS-6 Is 202° 20' 52" Control Based On: Station (Name/PID) RTCM-0592 or Project (Monument No.) : _____		Latitude : 37° 35' 47.98934" N (5 Decimal Places) Longitude : 77° 28' 22.0374" W (5 Decimal Places) Geoid Separation (N) : -32.936 m Ellipsoid Height (h) : 21.882 m Horizontal Datum : NAD83 Year : 2011 Vertical Datum : NAVD88 Geoid : 18 Azimuth to Station : CS-7 Is 143° 45' 59" Control Based On: Station (Name/PID) RTCM-0592 or Project (Monument No.) : _____	
DETAILED SKETCH (Not to Scale) 		DETAILED SKETCH (Not to Scale) 		DETAILED SKETCH (Not to Scale) 	

Beginning chain SBL description

CS-1	N	3,743,309.12 E	11,782,229.81 Sta	10+00.00
Course from 1 to 2 S 62° 48' 27" W Dist 402.57				
CS-2	N	3,743,125.15 E	11,781,871.73 Sta	14+02.57
Course from 2 to 3 S 79° 04' 26" W Dist 532.38				
CS-3	N	3,743,024.24 E	11,781,349.00 Sta	19+34.96
Course from 3 to 4 S 55° 02' 03" W Dist 396.77				
CS-4	N	3,742,796.86 E	11,781,023.85 Sta	23+31.72
Course from 4 to 5 S 82° 13' 46" W Dist 378.68				
CS-5	N	3,742,745.66 E	11,780,648.65 Sta	27+10.40
Course from 5 to 6 S 22° 20' 52" W Dist 349.19				
CS-6	N	3,742,422.69 E	11,780,515.88 Sta	30+59.60
Course from 6 to 7 S 36° 14' 01" E Dist 364.04				
CS-7	N	3,742,129.05 E	11,780,731.06 Sta	34+23.64
Course from 7 to 8 S 44° 52' 01" E Dist 419.61				
CS-8	N	3,741,831.66 E	11,781,027.07 Sta	38+43.25
Course from 8 to 9 S 11° 22' 58" E Dist 377.31				
CS-9	N	3,741,461.77 E	11,781,101.54 Sta	42+20.55
Course from 9 to 10 S 24° 50' 57" E Dist 387.79				
CS-10	N	3,741,099.88 E	11,781,264.50 Sta	46+08.34
Course from 10 to 11 S 0° 30' 21" W Dist 372.68				
CS-11	N	3,740,737.22 E	11,781,261.21 Sta	49+81.02
Course from 11 to 12 S 9° 53' 01" E Dist 328.62				
CS-12	N	3,740,413.48 E	11,781,317.62 Sta	53+09.64
Course from 12 to 13 S 10° 07' 10" E Dist 384.66				
CS-13	N	3,740,034.80 E	11,781,385.20 Sta	56+94.30

Ending chain SBL description



THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF WILLIAM R. HERX, L.S. FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE ORIGINAL DATA WAS OBTAINED ON THE FOLLOWING DATES: FEBRUARY 2024. THIS PLAT, MAP AND DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

HORIZONTAL DATUM: NAD83 - VIRGINIA STATE PLANE SOUTH ZONE
 VERTICAL DATUM: NAVD88

DATUM ESTABLISHED BY RTK GPS (CORRECTIONS FROM RTCM-REF 0592)

FIELDWORK COMPLETED MARCH 1, 2024.

SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

REFERENCES	REVISIONS

LEGEND

	Cobblestone Wall
	Woods
	Asphalt
	Landscape Area
	OHU
	PP #K67
	Fence Gate
	Gravel
	Metal Grill
	EBO Pit



FALL LINE TRAIL - BRYAN PARK SURVEY DETAIL SHEET					
DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25' VERT. N/A	DATE: 5/31/24	SHEET: 1B(1)
DRAWING NO. N-29103					

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

<p>Horizontal Control Control Station I. D. : CS-7 Date : 02-15-2024</p>		<p>Horizontal Control Control Station I. D. : CS-8 Date : 02-15-2024</p>		<p>Horizontal Control Control Station I. D. : CS-9 Date : 02-15-2024</p>	
<p>VA State Plane Coordinates : East (X) : 11780.7310574 ft. North (Y) : 3742.290495 ft. Ortho. Elevation (H) : 182.96 ft. Zone : North = South X (place an 'X' beside one)</p>		<p>VA State Plane Coordinates : East (X) : 11781.0270743 ft. North (Y) : 3741.8316557 ft. Ortho. Elevation (H) : 178.10 ft. Zone : North = South X (place an 'X' beside one)</p>		<p>VA State Plane Coordinates : East (X) : 11781.015411 ft. North (Y) : 3741.4617701 ft. Ortho. Elevation (H) : 188.66 ft. Zone : North = South X (place an 'X' beside one)</p>	
<p>Project Specific Combined Scale Factor: 1.000049773 (9 Decimal Places)</p>		<p>Project Specific Combined Scale Factor: 1.000049773 (9 Decimal Places)</p>		<p>Project Specific Combined Scale Factor: 1.000049773 (9 Decimal Places)</p>	
<p>Project Information Project Number : _____ Route : _____ City/County : Richmond(127) Established By : Timmons Group</p>		<p>Project Information Project Number : _____ Route : _____ City/County : Richmond(127) Established By : Timmons Group</p>		<p>Project Information Project Number : _____ Route : _____ City/County : Richmond(127) Established By : Timmons Group</p>	
<p>Latitude : 37° 35' 45.06315" N (5 Decimal Places) Longitude : 77° 28' 19.40362" W (5 Decimal Places) Geoid Separation (N) : -32.938 m Ellipsoid Height (h) : 22.828 m Horizontal Datum : NAD83 Year : 2011 Vertical Datum : NAVD88 Geoid : 18 Azimuth to Station : CS-8 Is 135° 07' 59" Control Based On: Station (Name/PID) RTCM-0592 or Project (Monument No.) : _____</p>		<p>Latitude : 37° 35' 42.09115" N (5 Decimal Places) Longitude : 77° 28' 15.76593" W (5 Decimal Places) Geoid Separation (N) : -32.941 m Ellipsoid Height (h) : 21.344 m Horizontal Datum : NAD83 Year : 2011 Vertical Datum : NAVD88 Geoid : 18 Azimuth to Station : CS-9 Is 168° 37' 02" Control Based On: Station (Name/PID) RTCM-0592 or Project (Monument No.) : _____</p>		<p>Latitude : 37° 35' 38.42632" N (5 Decimal Places) Longitude : 77° 28' 14.89080" W (5 Decimal Places) Geoid Separation (N) : -32.942 m Ellipsoid Height (h) : 24.562 m Horizontal Datum : NAD83 Year : 2011 Vertical Datum : NAVD88 Geoid : 18 Azimuth to Station : CS-10 Is 155° 09' 03" Control Based On: Station (Name/PID) RTCM-0592 or Project (Monument No.) : _____</p>	
<p>DETAILED SKETCH (Not to Scale)</p>		<p>DETAILED SKETCH (Not to Scale)</p>		<p>DETAILED SKETCH (Not to Scale)</p>	
<p>Horizontal Control Control Station I. D. : CS-10 Date : 02-15-2024</p>		<p>Horizontal Control Control Station I. D. : CS-11 Date : 02-15-2024</p>		<p>Horizontal Control Control Station I. D. : CS-12 Date : 02-15-2024</p>	
<p>VA State Plane Coordinates : East (X) : 11781.2645035 ft. North (Y) : 3741.098882 ft. Ortho. Elevation (H) : 182.37 ft. Zone : North = South X (place an 'X' beside one)</p>		<p>VA State Plane Coordinates : East (X) : 11781.2612136 ft. North (Y) : 3740.7372206 ft. Ortho. Elevation (H) : 192.88 ft. Zone : North = South X (place an 'X' beside one)</p>		<p>VA State Plane Coordinates : East (X) : 11781.3176194 ft. North (Y) : 3740.4134808 ft. Ortho. Elevation (H) : 182.33 ft. Zone : North = South X (place an 'X' beside one)</p>	
<p>Project Specific Combined Scale Factor: 1.000049773 (9 Decimal Places)</p>		<p>Project Specific Combined Scale Factor: 1.000049773 (9 Decimal Places)</p>		<p>Project Specific Combined Scale Factor: 1.000049773 (9 Decimal Places)</p>	
<p>Project Information Project Number : _____ Route : _____ City/County : Richmond(127) Established By : Timmons Group</p>		<p>Project Information Project Number : _____ Route : _____ City/County : Richmond(127) Established By : Timmons Group</p>		<p>Project Information Project Number : _____ Route : _____ City/County : Richmond(127) Established By : Timmons Group</p>	
<p>Latitude : 37° 35' 34.92988" N (5 Decimal Places) Longitude : 77° 28' 12.91376" W (5 Decimal Places) Geoid Separation (N) : -32.944 m Ellipsoid Height (h) : 22.644 m Horizontal Datum : NAD83 Year : 2011 Vertical Datum : NAVD88 Geoid : 18 Azimuth to Station : CS-11 Is 180° 30' 21" Control Based On: Station (Name/PID) RTCM-0592 or Project (Monument No.) : _____</p>		<p>Latitude : 37° 35' 31.24599" N (5 Decimal Places) Longitude : 77° 28' 13.00544" W (5 Decimal Places) Geoid Separation (N) : -32.945 m Ellipsoid Height (h) : 25.844 m Horizontal Datum : NAD83 Year : 2011 Vertical Datum : NAVD88 Geoid : 18 Azimuth to Station : CS-12 Is 170° 06' 59" Control Based On: Station (Name/PID) RTCM-0592 or Project (Monument No.) : _____</p>		<p>Latitude : 37° 35' 28.03932" N (5 Decimal Places) Longitude : 77° 28' 12.34822" W (5 Decimal Places) Geoid Separation (N) : -32.946 m Ellipsoid Height (h) : 22.630 m Horizontal Datum : NAD83 Year : 2011 Vertical Datum : NAVD88 Geoid : 18 Azimuth to Station : CS-13 Is 169° 52' 50" Control Based On: Station (Name/PID) RTCM-0592 or Project (Monument No.) : _____</p>	
<p>DETAILED SKETCH (Not to Scale)</p>		<p>DETAILED SKETCH (Not to Scale)</p>		<p>DETAILED SKETCH (Not to Scale)</p>	

SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

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NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

REFERENCES	REVISIONS

--LEGEND--

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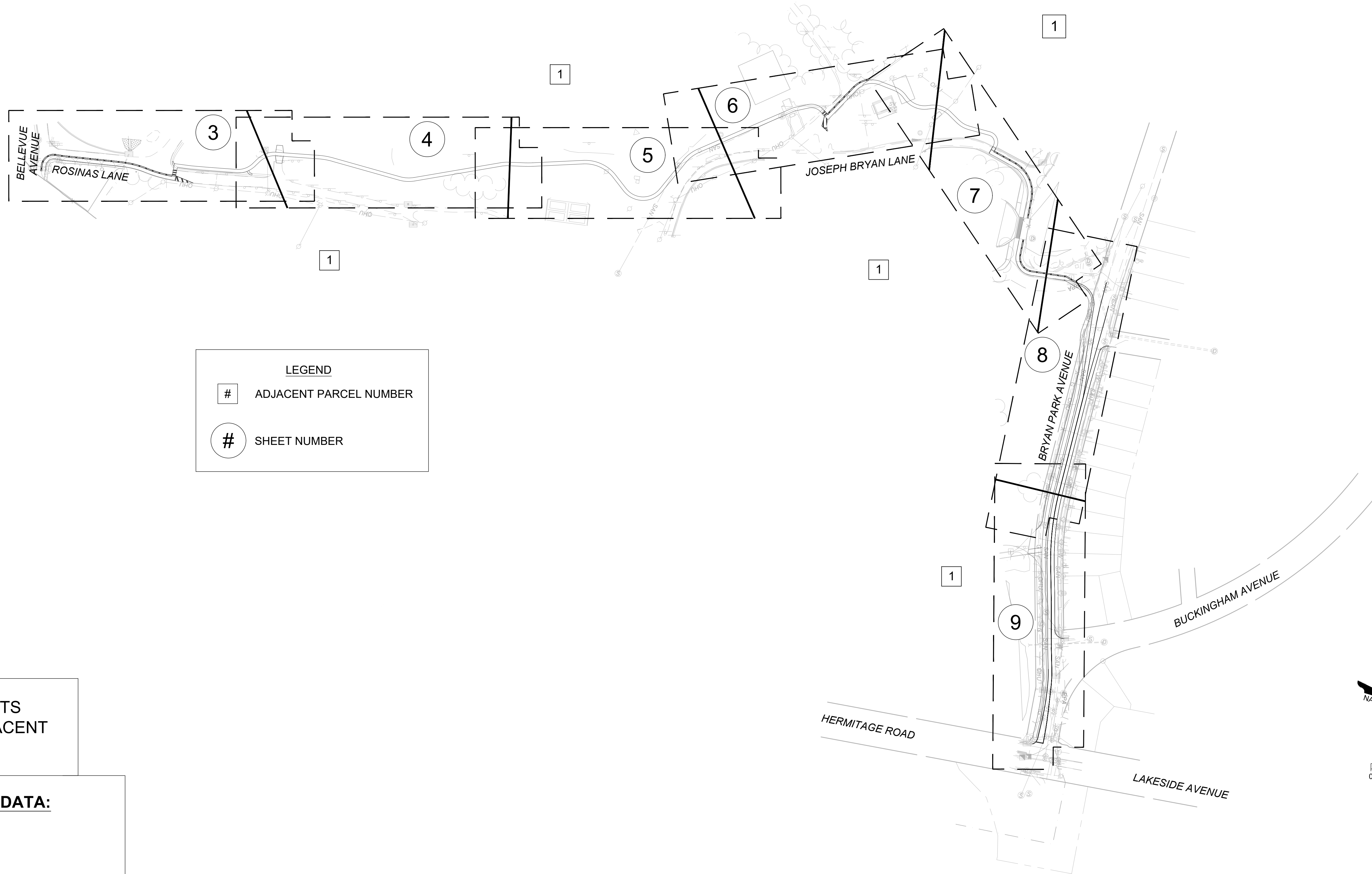


<p>FALL LINE TRAIL - BRYAN PARK SURVEY DETAIL SHEET</p>		<p>DESIGN BY: K. JENKINS DRAWN BY: K. JENKINS CHECKED BY: N. SOUCIE</p>	<p>REVIEWED BY: _____</p>	<p>FIELD NOTES FB-XX, pp XX-XX</p>	<p>SCALAR HORIZ. 1" = 25' VERT. N/A</p>	<p>DATE 5/31/24</p>	<p>SHEET 1B(2)</p>	<p>DRAWING NO. N-29103</p>
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OVERALL PLAN

SHEET KEY LAYOUT

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER



LEGEND

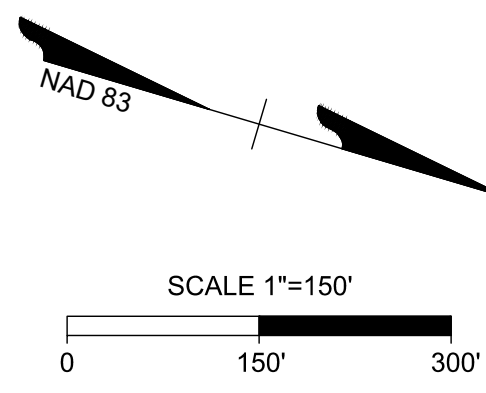
ADJACENT PARCEL NUMBER

SHEET NUMBER

NOTE: SEE PLAN SHEETS
FOR OWNERS OF ADJACENT
INDIVIDUAL PARCELS

ADJACENT PARCEL DATA:

1
CITY OF RICHMOND
JOSEPH BRYAN PARK
4308 Hermitage Road
D.B. 591-B PG. 240
247 AC.
GPIN: N017025001

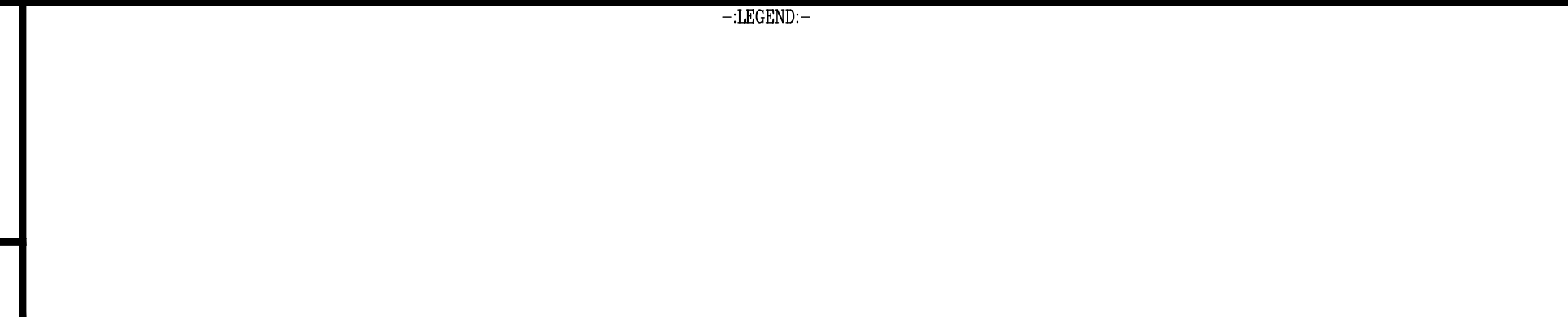


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NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

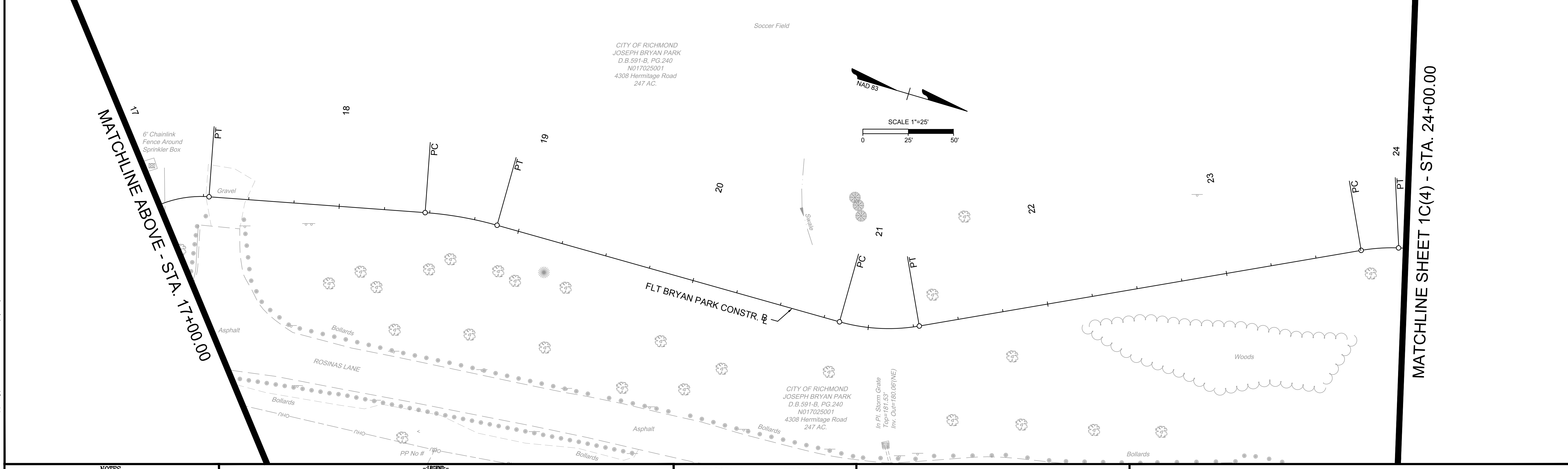
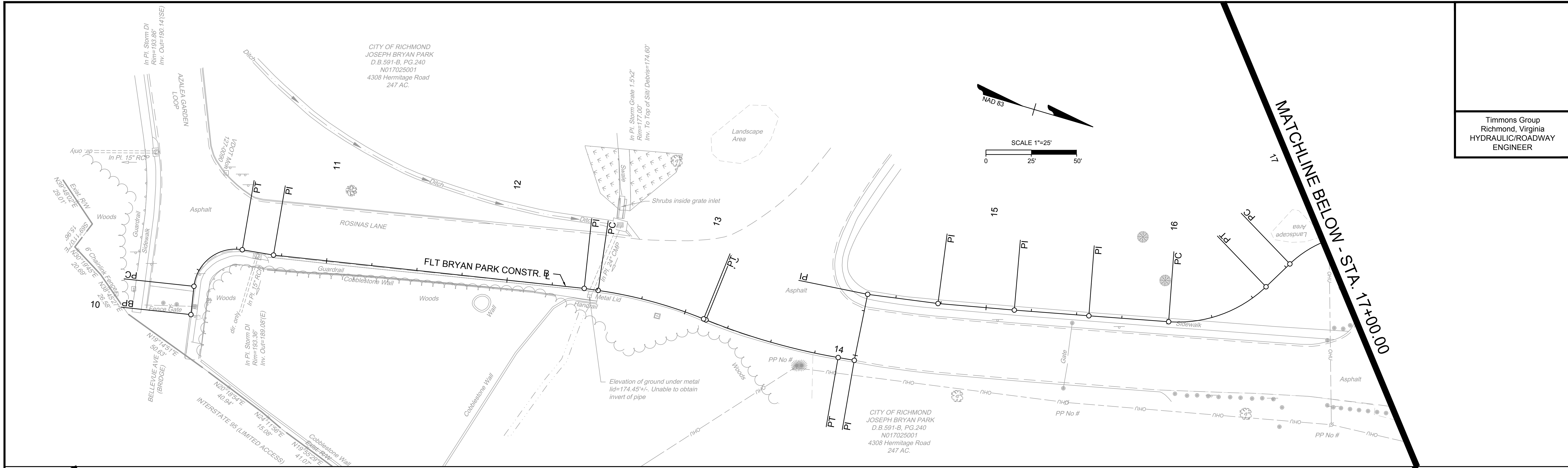
REFERENCES	REVISIONS



DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA

FALL LINE TRAIL - BRYAN PARK OVERALL PLAN		DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES FB-XX, pp XX-XX	SCALE HORZ. 1" = 150' VERT. N/A	DATE 5/31/24	SHEET 1C(1)	DRAWING NO. N-29103
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Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER



SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: K. JENKINS

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NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

REFERENCES	REVISIONS

LEGEND

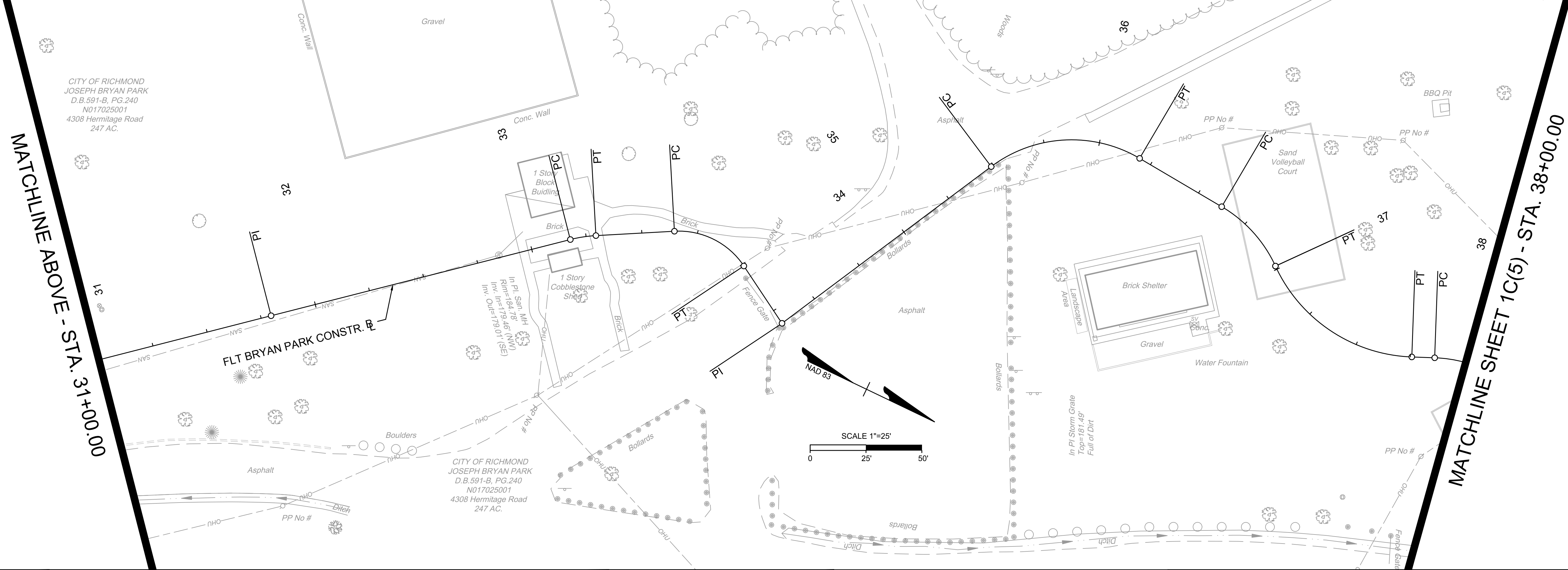
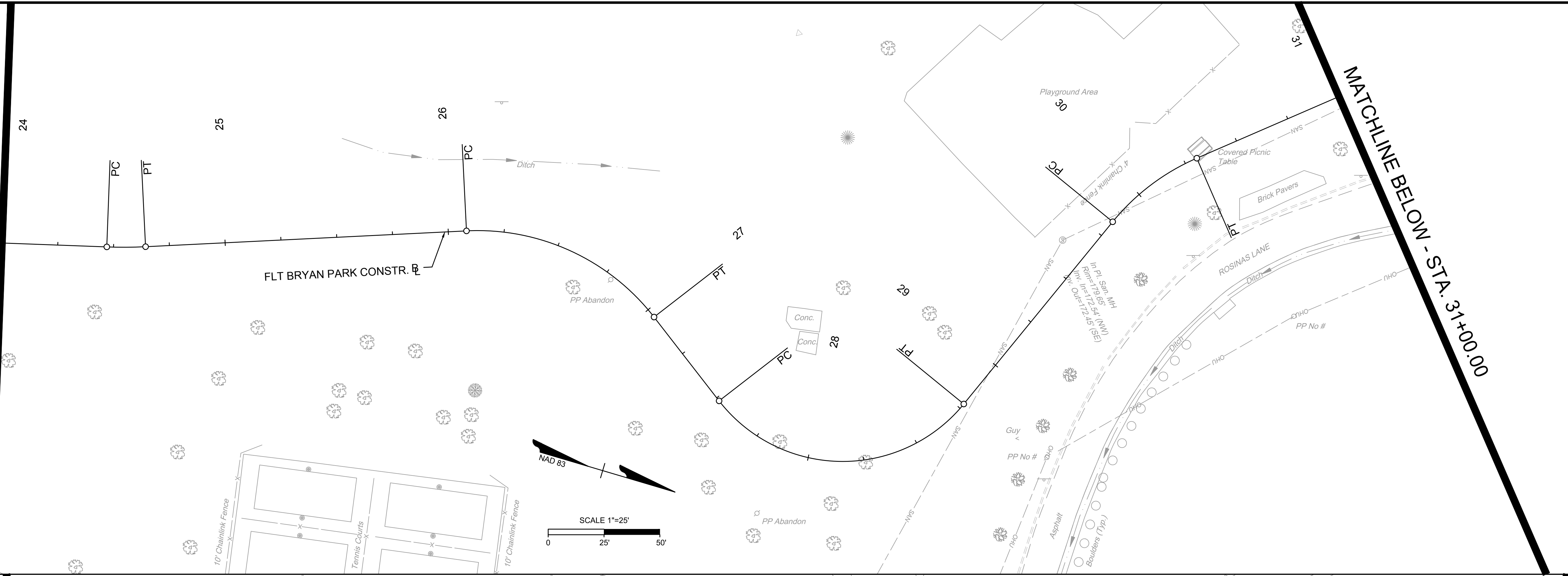


FALL LINE TRAIL - BRYAN PARK EXISTING CONDITIONS SHEET	
DESIGN BY: K. JENKINS DRAWN BY: K. JENKINS CHECKED BY: N. SOUCIE	REVIEWED BY: _____
FIELD NOTES FB-XX, pp XX-XX	SCALE HORIZ. 1" = 25' VERT. N/A
DATE 5/31/24	SHEET 1C(3)
DRAWING NO. N-29103	

Timmons Group
 Richmond, Virginia
 HYDRAULIC/ROADWAY
 ENGINEER

MATCHLINE SHEET 1C(3) - STA. 24+00.00

MATCHLINE BELOW - STA. 31+00.00



MATCHLINE ABOVE - STA. 31+00.00

MATCHLINE SHEET 1C(5) - STA. 38+00.00

CITY OF RICHMOND
 JOSEPH BRYAN PARK
 D.B. 591-B, PG. 240
 N017025001
 4308 Hermitage Road
 247 AC.

CITY OF RICHMOND
 JOSEPH BRYAN PARK
 D.B. 591-B, PG. 240
 N017025001
 4308 Hermitage Road
 247 AC.

LEGEND

- NOTES
1. Lot dimensions in parentheses are from deed.
 2. Property owners correct as of _____, 2024
 3. Ordinance Number N/A
 4. Adopted N/A
 5. Accepted N/A



TIMMONS GROUP
 ENGINEERING | DESIGN | TECHNOLOGY

FALL LINE TRAIL - BRYAN PARK
 EXISTING CONDITIONS SHEET

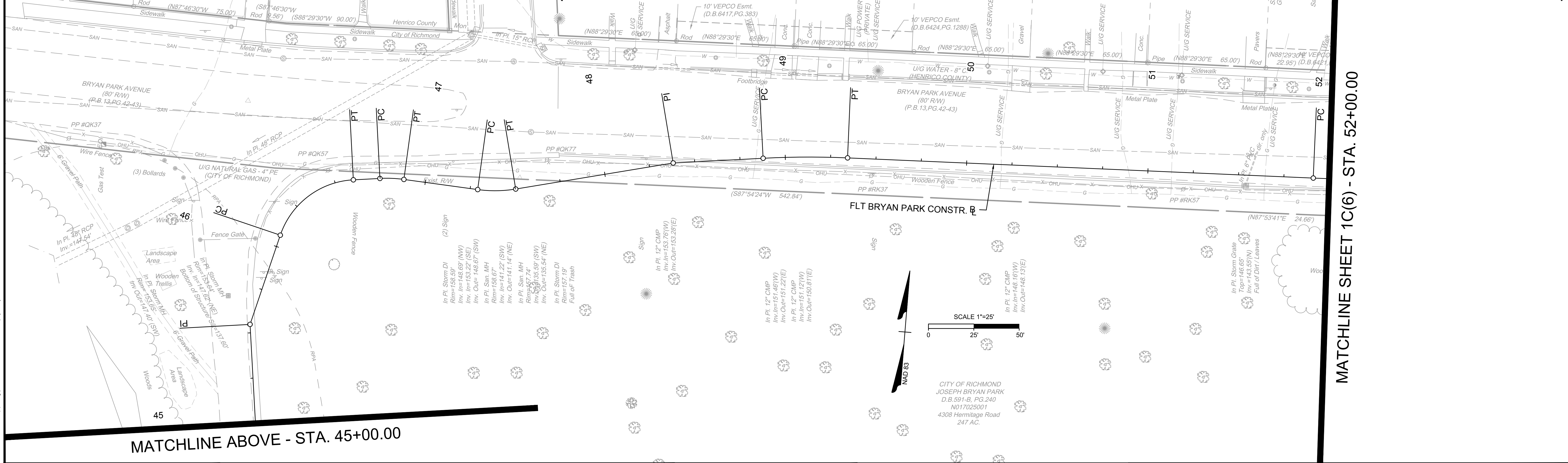
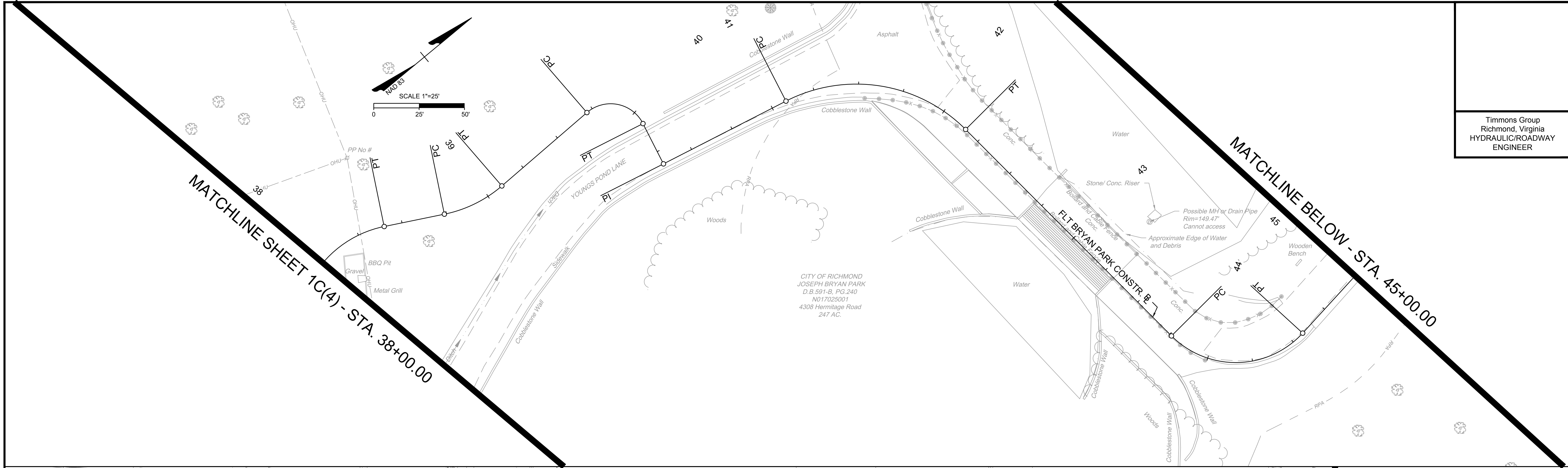
REFERENCES	REVISIONS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25'	DATE: 5/31/24	SHEET: 1C(4)	DRAWING NO. N-29103
CHECKED BY: N. SOUCIE			VERT. N/A			

SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

L:\2023\783-FL-BryanPark\DWG\Sheet\1C(4)1C(5).dwg | Plotted on 5/31/2024 1:18 PM | by Kaitlyn Jenkins

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER



SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

L:\2024\3763-FLT_BryanPark\DWG\Sheet\065763-2024-01\DWG.dwg [Plotted on 5/31/2024 1:18 PM] by Katelyn Jenkins

MATCHLINE ABOVE - STA. 45+00.00

MATCHLINE SHEET 1C(6) - STA. 52+00.00

NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

REFERENCES	REVISIONS

LEGEND



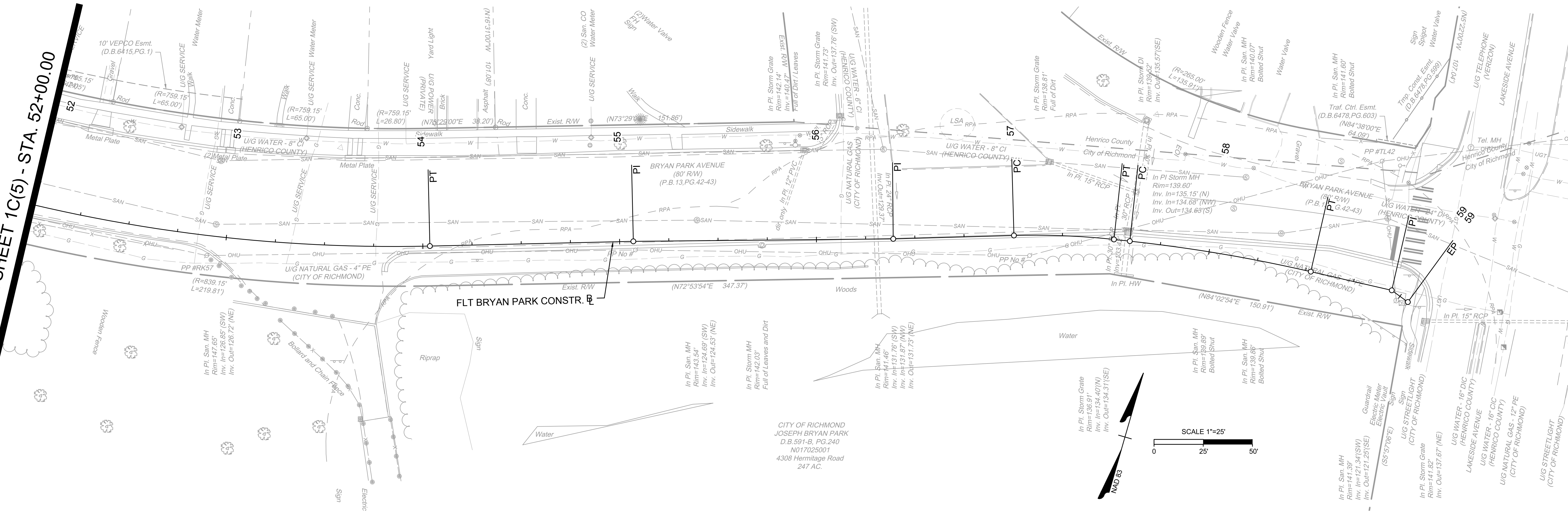
DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA



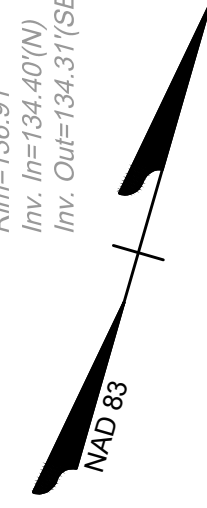
FALL LINE TRAIL - BRYAN PARK
EXISTING CONDITIONS SHEET

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25' VERT. N/A	DATE: 5/31/24	SHEET: 1C(5)	DRAWING NO.: N-29103
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MATCHLINE SHEET 1C(5) - STA. 52+00.00



SCALE 1"=25'



CITY OF RICHMOND
JOSEPH BRYAN PARK
D.B. 591-B, PG. 240
M017025001
4308 Hermitage Road
247 AC.

SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCE
DESIGNED BY: K. JENKINS

L:\2024\3763-FLT_BryanPark\DWG\Sheet\CD\65765-203C-01C(5).dwg [Plotted on 5/31/2024 1:18 PM] by Kaitlyn Jenkins

NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

LEGEND

REFERENCES	REVISIONS



DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA

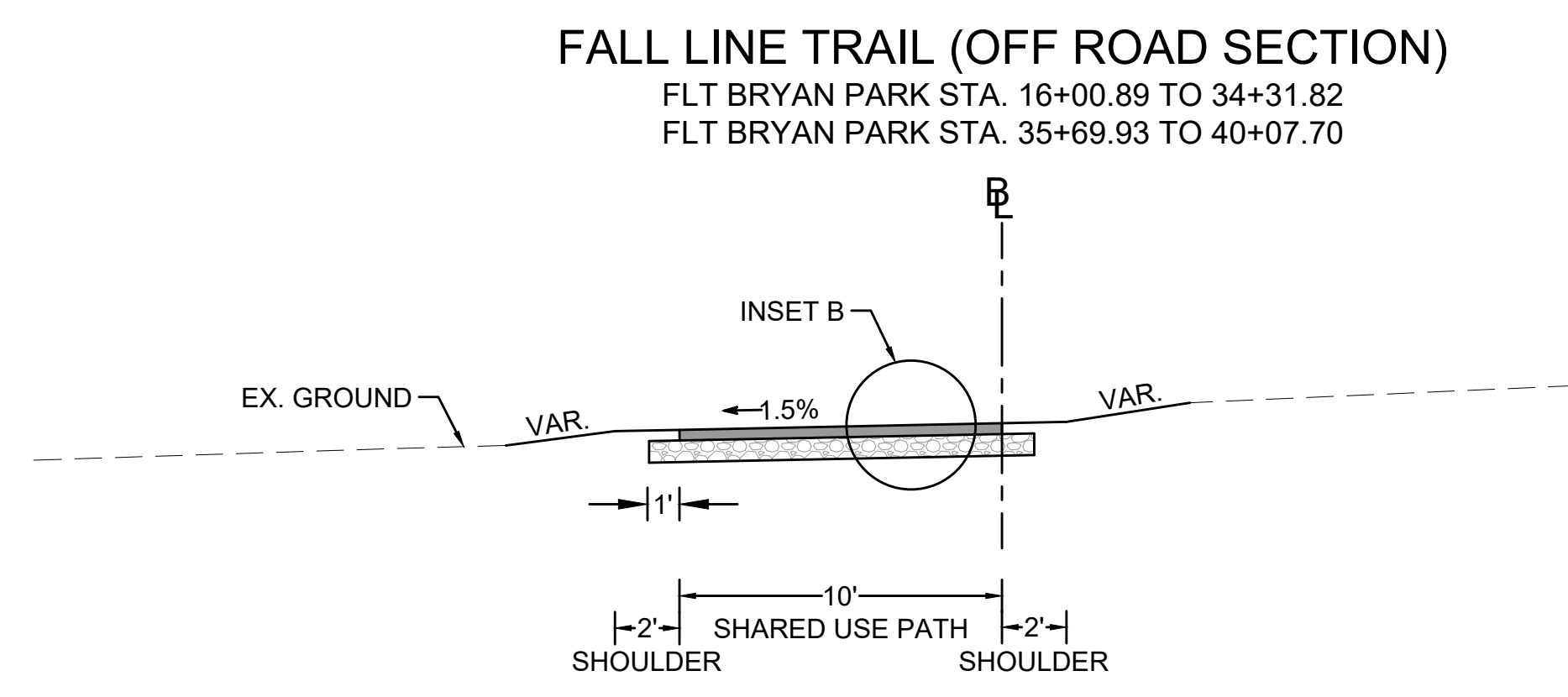
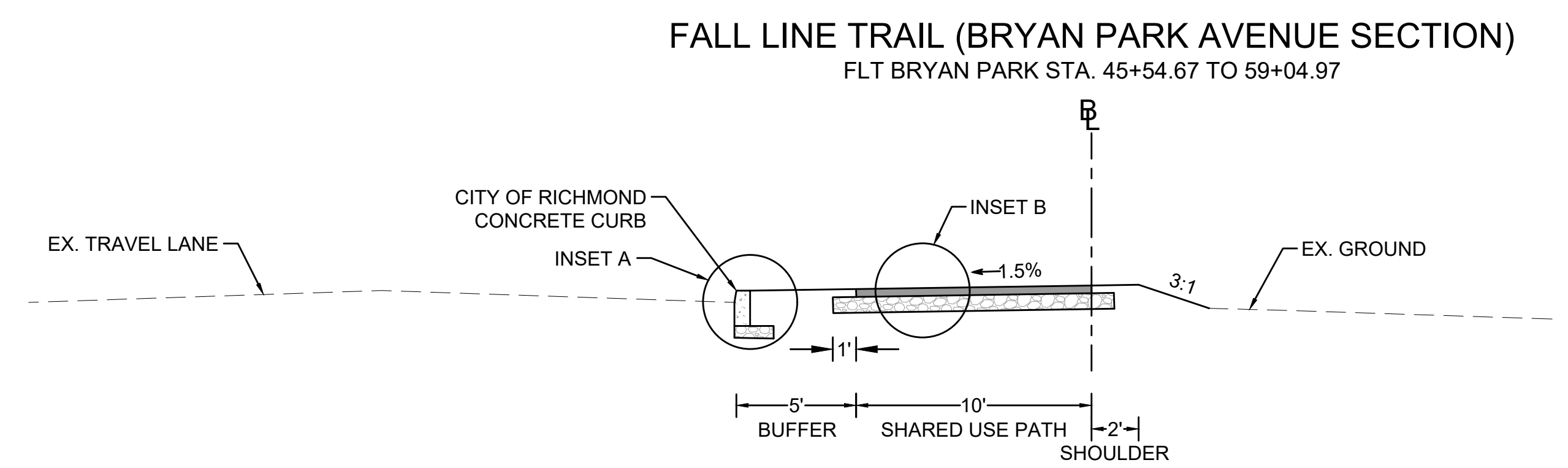
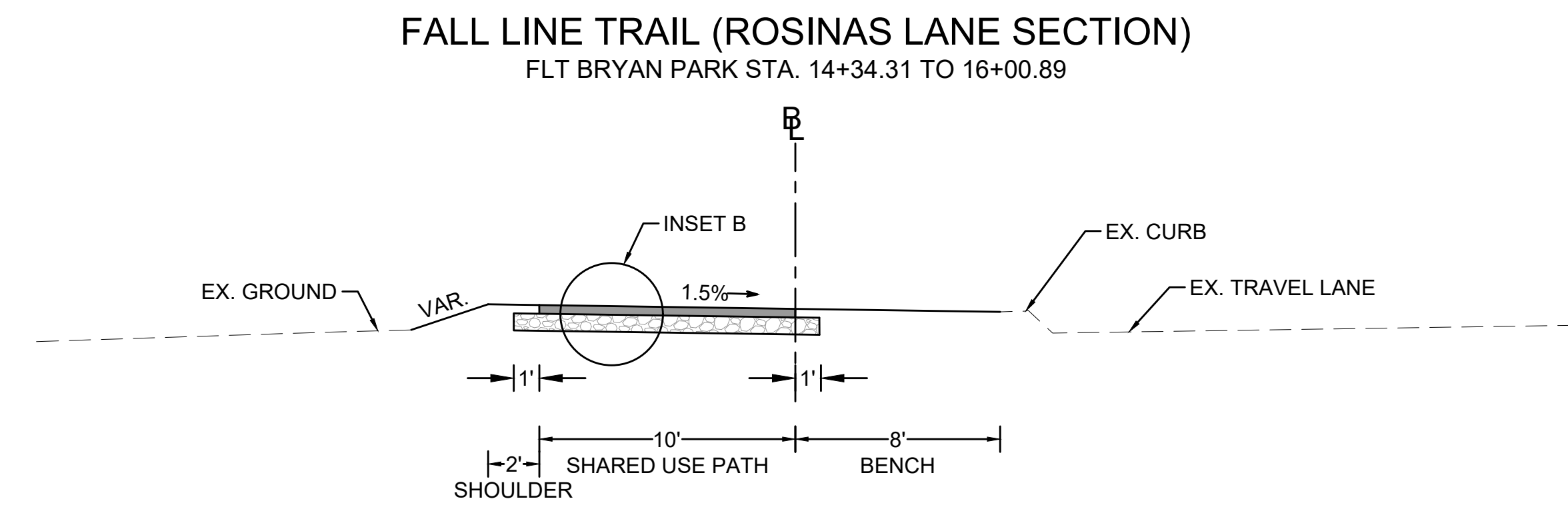
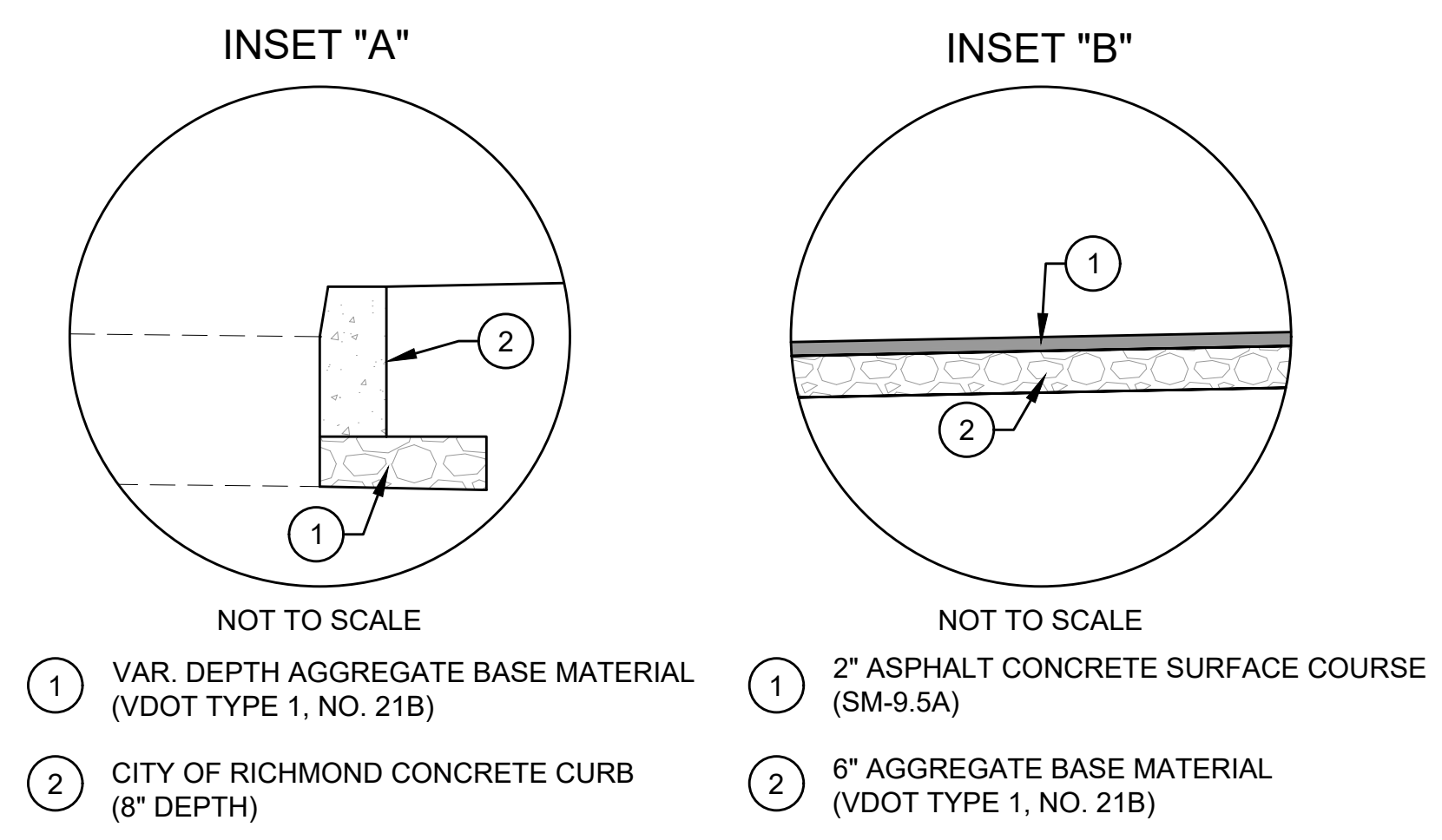
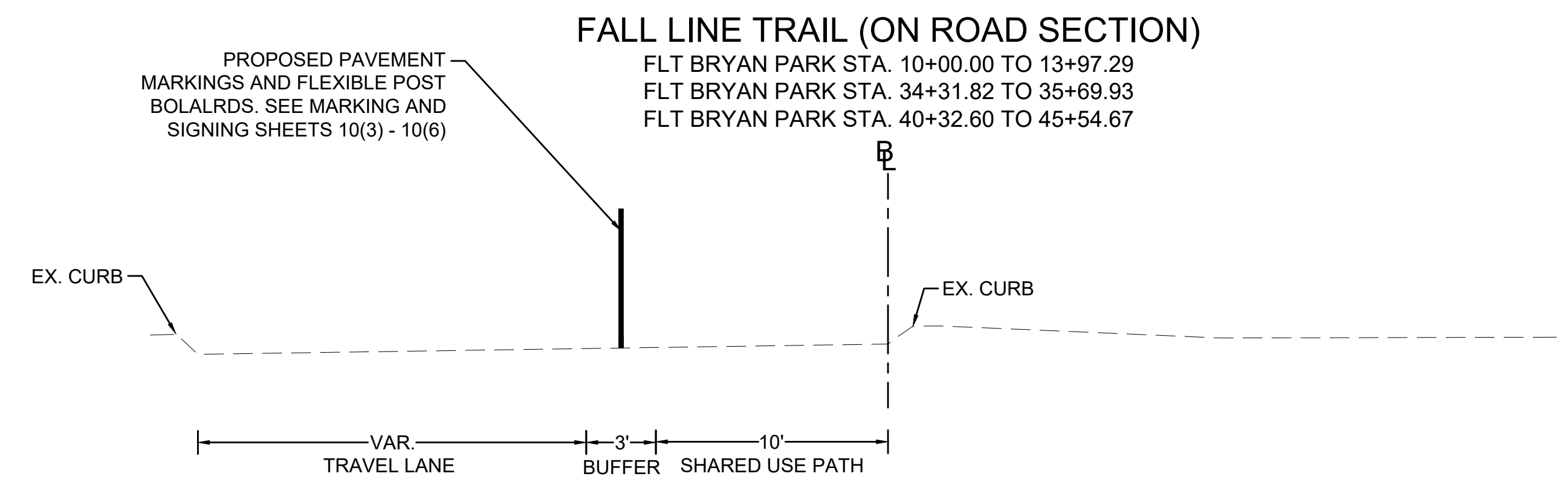


FALL LINE TRAIL - BRYAN PARK
EXISTING CONDITIONS SHEET

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25' VERT. N/A	DATE: 5/31/24	SHEET: 1C(6)	DRAWING NO.: N-29103
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SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCE
 DESIGNED BY: K. JENKINS

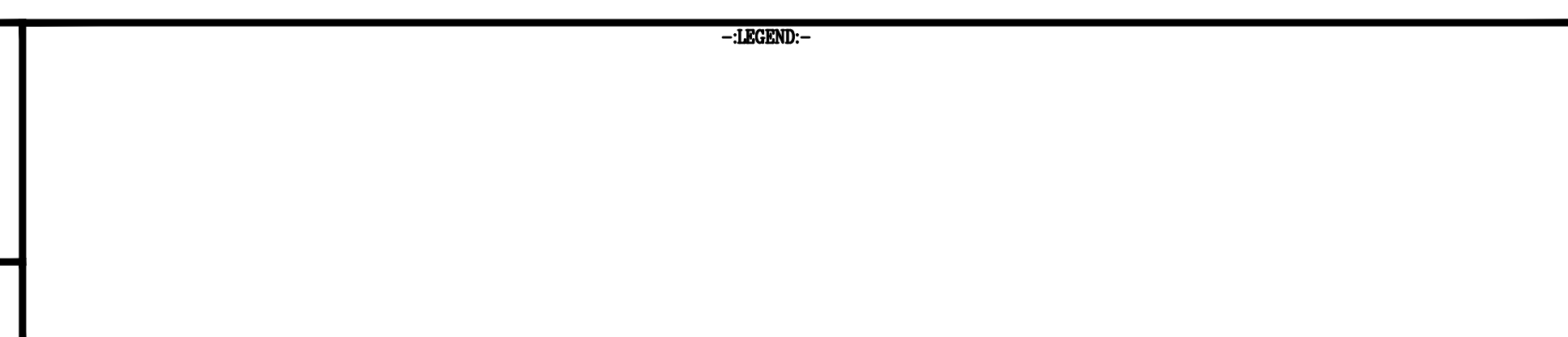
Timmons Group
 Richmond, Virginia
 HYDRAULIC/ROADWAY
 ENGINEER



NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

REFERENCES	REVISIONS



FALL LINE TRAIL - BRYAN PARK TYPICAL SECTIONS				DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 100'	DATE: 5/31/24	SHEET: 2A	DRAWING NO.: N-29103
				CHECKED BY: N. SOUCE			VERT. N/A			

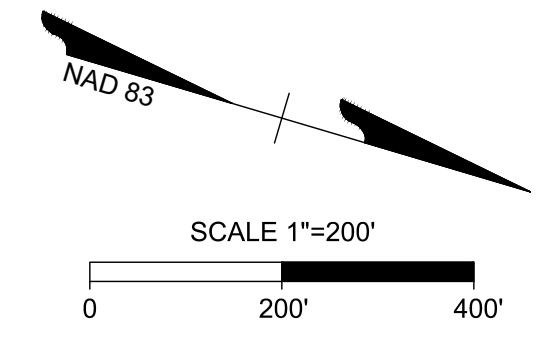
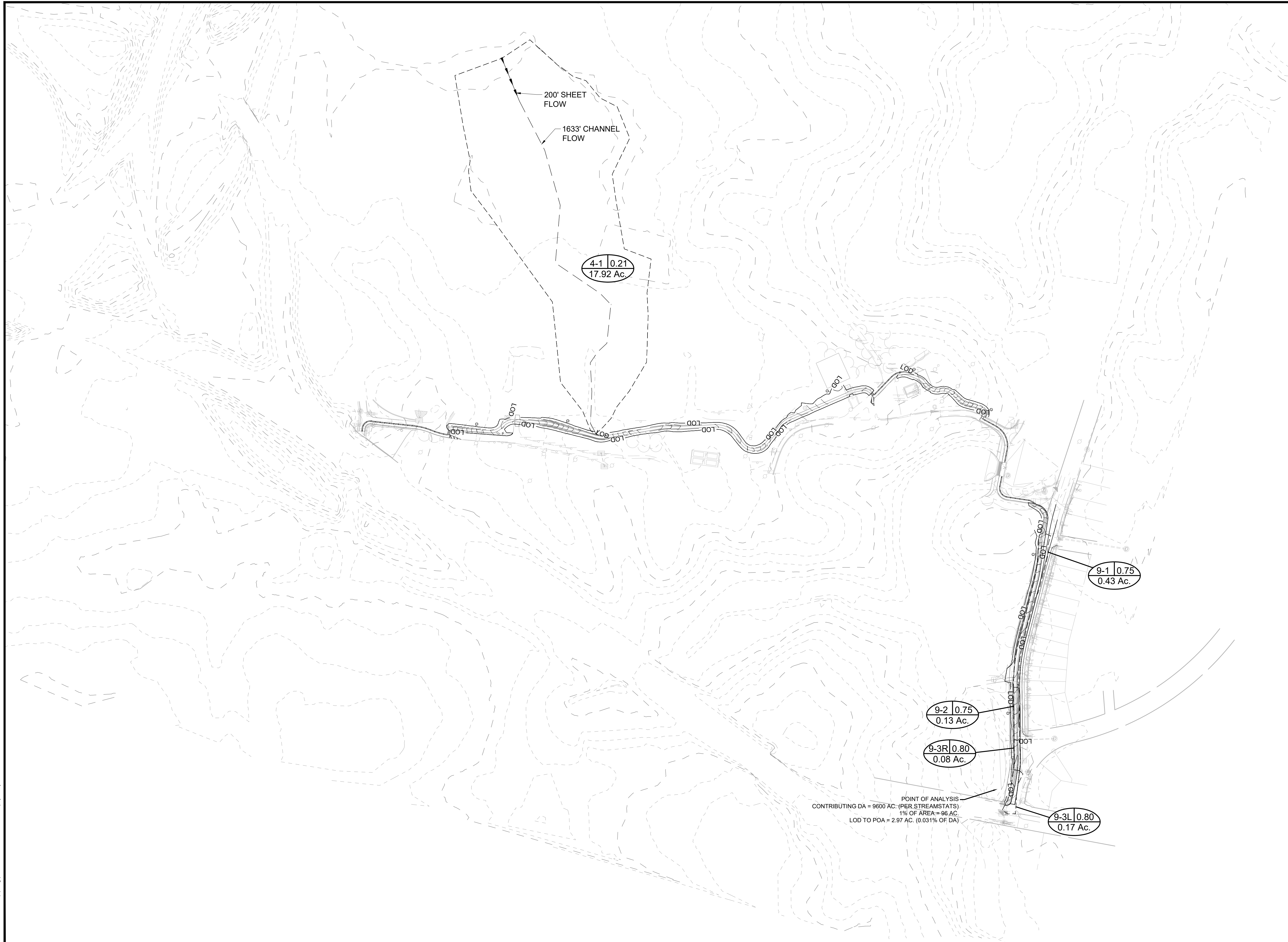
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Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

STORMWATER NARRATIVE:
THE INTENTION OF THIS PROJECT IS TO MAINTAIN EXISTING DRAINAGE PATTERNS AS MUCH AS POSSIBLE. SHEET FLOW IS MAINTAINED WHERE GRADING ALLOWS. IN AREAS WHERE SHEET FLOW CANNOT BE MAINTAINED, APPROPRIATELY SIZED DRAINAGE FACILITIES (CULVERTS, INLETS, PIPES, ETC.) ARE PROVIDED.

QUANTITY COMPLIANCE: THE ENTIRETY OF THE PROJECT (2.97 ACRES OF LOD) FLOWS TO A POINT OF ANALYSIS WITH A CONTRIBUTING DRAINAGE AREA OF APPROXIMATELY 9600 ACRES, SATISFYING 1% ANALYSIS.

QUALITY COMPLIANCE: THIS PROJECT WILL PURCHASE NUTRIENT CREDITS FROM A SUITABLE NUTRIENT BANK TO SATISFY COMPLIANCE.



SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: K. JENKINS



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NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

REFERENCES	REVISIONS

-LEGEND-

DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA

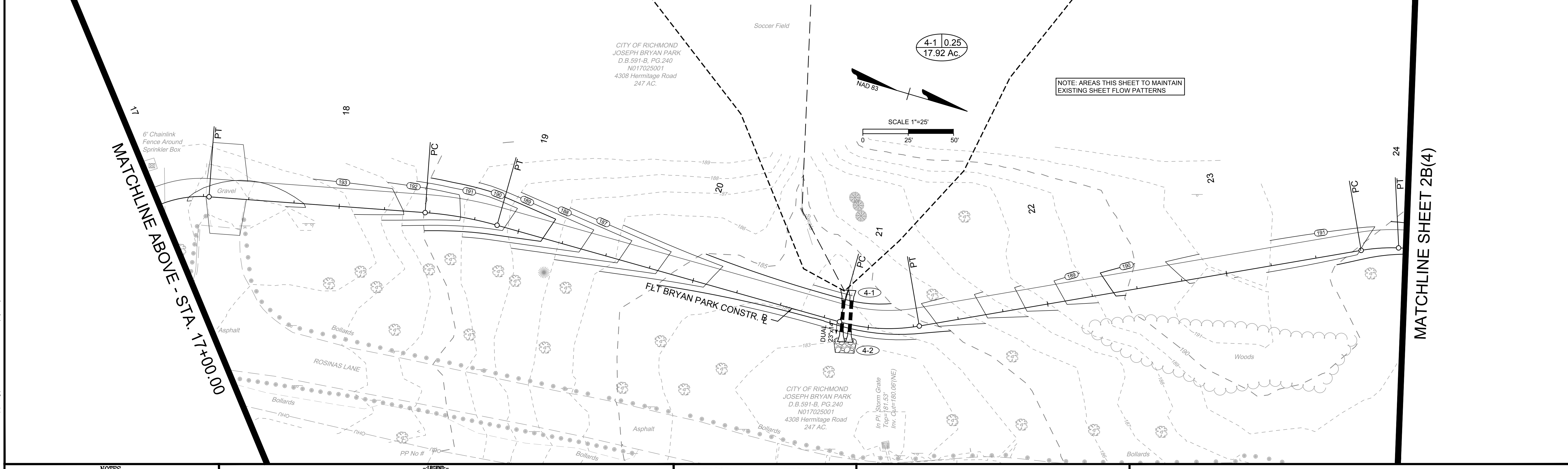
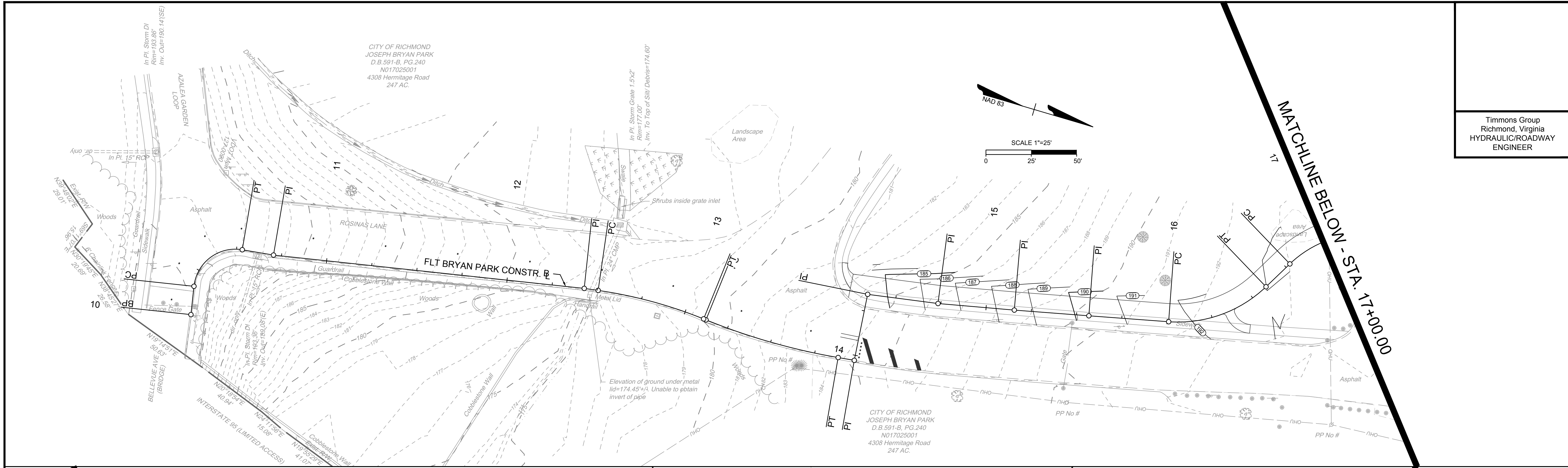


TIMMONS GROUP
ENGINEERING | DESIGN | TECHNOLOGY

**FALL LINE TRAIL - BRYAN PARK
STORMWATER MANAGEMENT
COMPLIANCE MAP**

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 200'	DATE: 5/31/24	SHEET: 2B(1)	DRAWING NO: N-29103
DRAWN BY: K. JENKINS			VERT: N/A			
CHECKED BY: N. SOUCIE						

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER



SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: K. JENKINS

L:\2023\703-FLT_BryanPark\DWG\Sheet\CD\6283783-2023-02B(3)w.dwg | Plotted on 5/31/2024 1:19 PM | by Kaitlyn Jenkins

NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

REFERENCES

REFERENCES	REVISIONS

LEGEND

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FALL LINE TRAIL - BRYAN PARK
DRAINAGE AREA MAPS

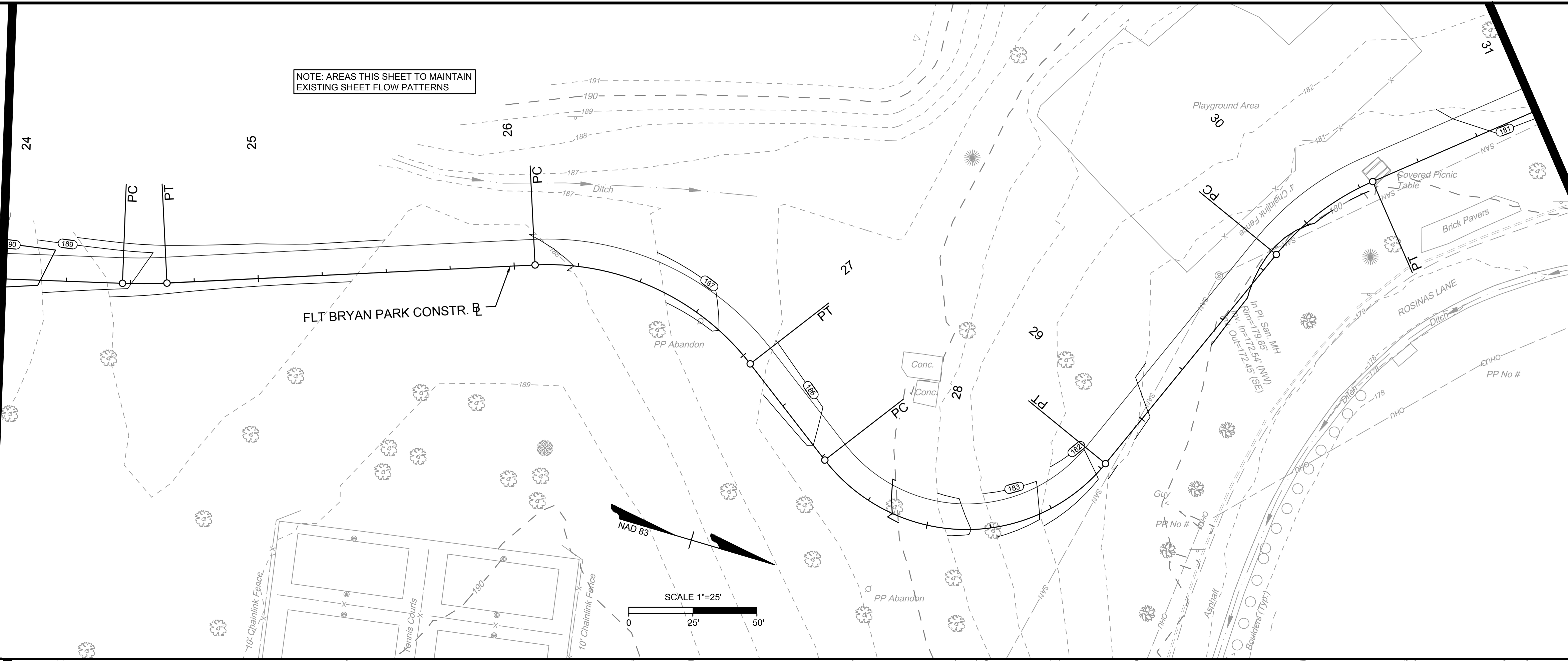
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Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

MATCHLINE SHEET 2B(3)

MATCHLINE BELOW - STA. 31+00.00

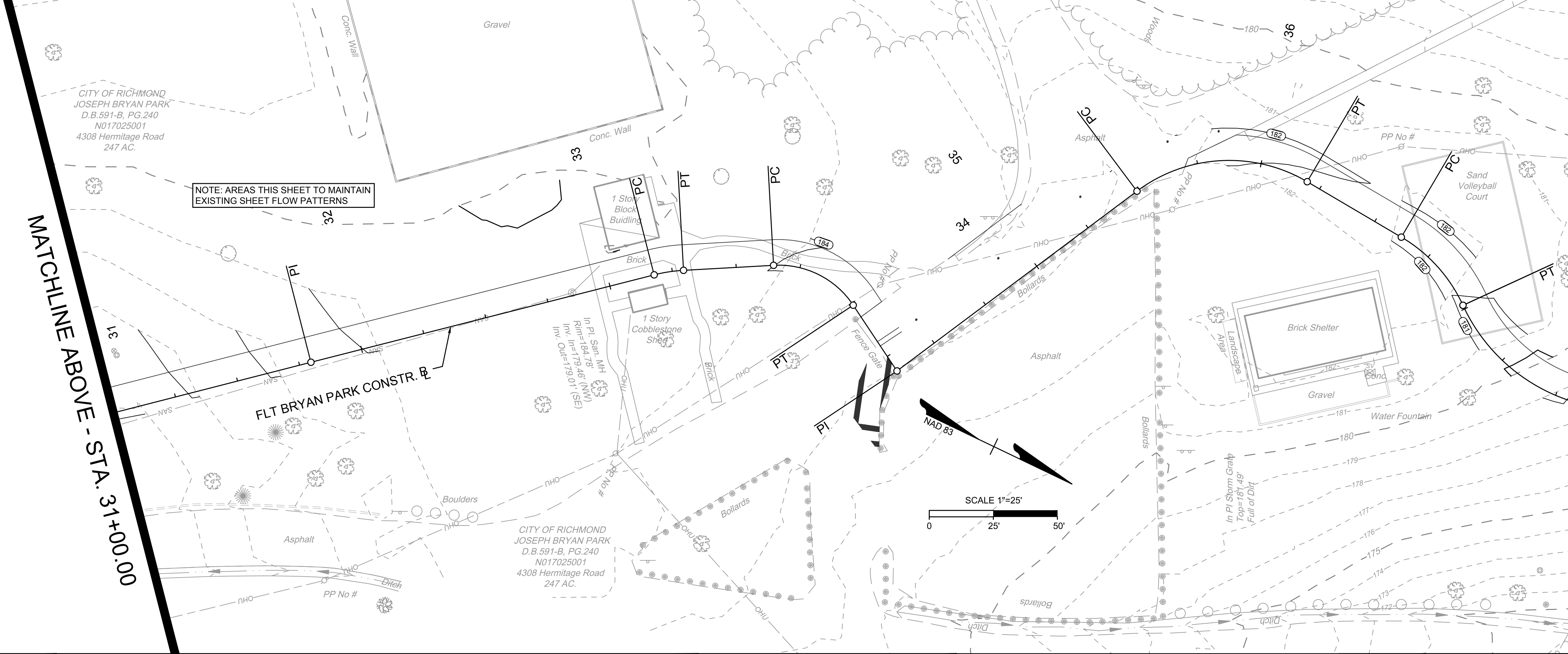
NOTE: AREAS THIS SHEET TO MAINTAIN
EXISTING SHEET FLOW PATTERNS



MATCHLINE ABOVE - STA. 31+00.00

MATCHLINE SHEET 2B(5)

NOTE: AREAS THIS SHEET TO MAINTAIN
EXISTING SHEET FLOW PATTERNS



SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: K. JENKINS

L:\2024\3783-FLT_BryanPark\DWG\Sheet\CD\63783-2024-02B(3).dwg | Plotted on 5/31/2024 1:19 PM | by Kaitlyn Jenkins

NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

LEGEND



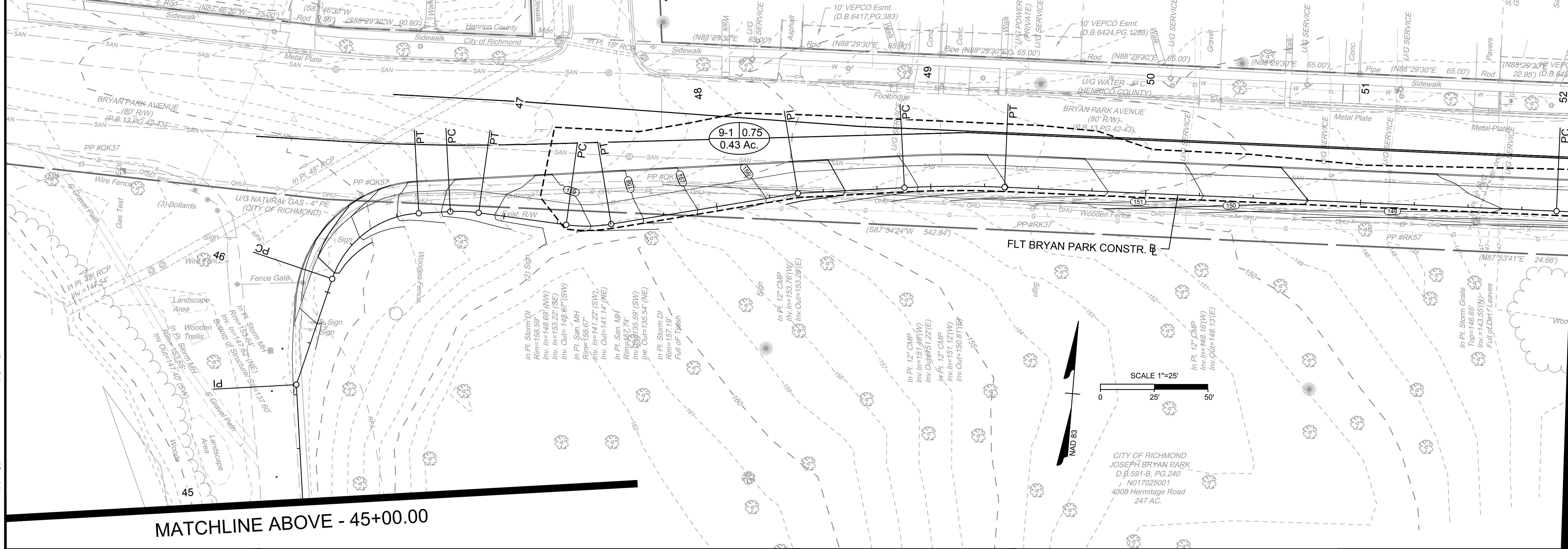
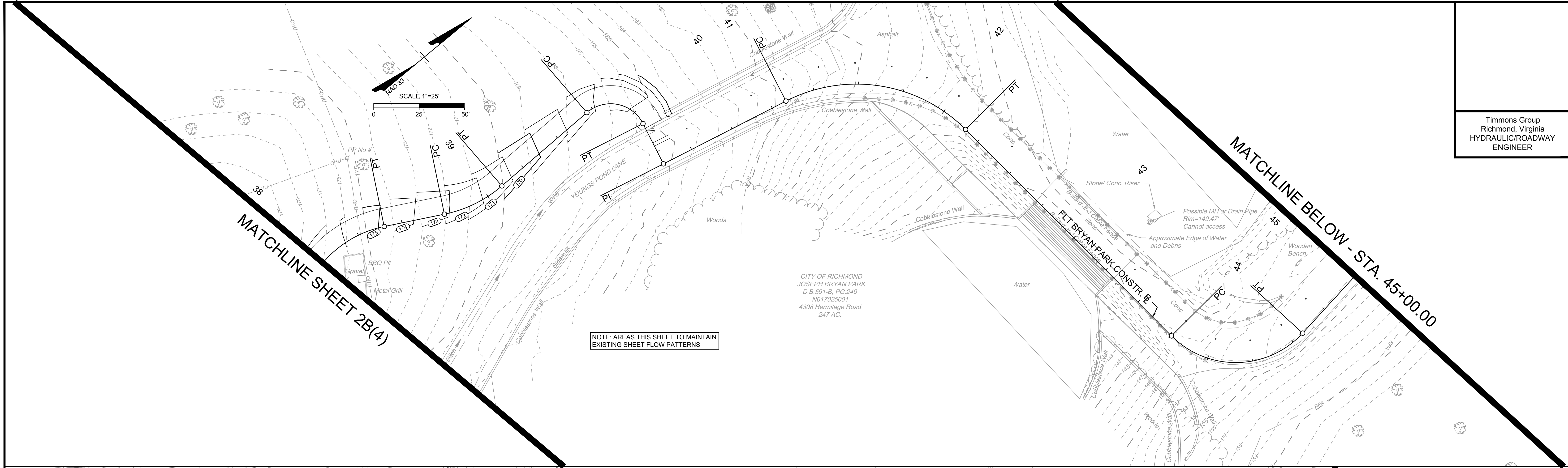
DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA



FALL LINE TRAIL - BRYAN PARK
DRAINAGE AREA MAPS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 100'; VERT. N/A	DATE: 5/31/24	SHEET: 2B(4)	DRAWING NO.: N-29103
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Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER



MATCHLINE ABOVE - 45+00.00

NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

REFERENCES

REVISIONS

LEGEND

DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA

TIMMONS GROUP
ENGINEERING | DESIGN | TECHNOLOGY

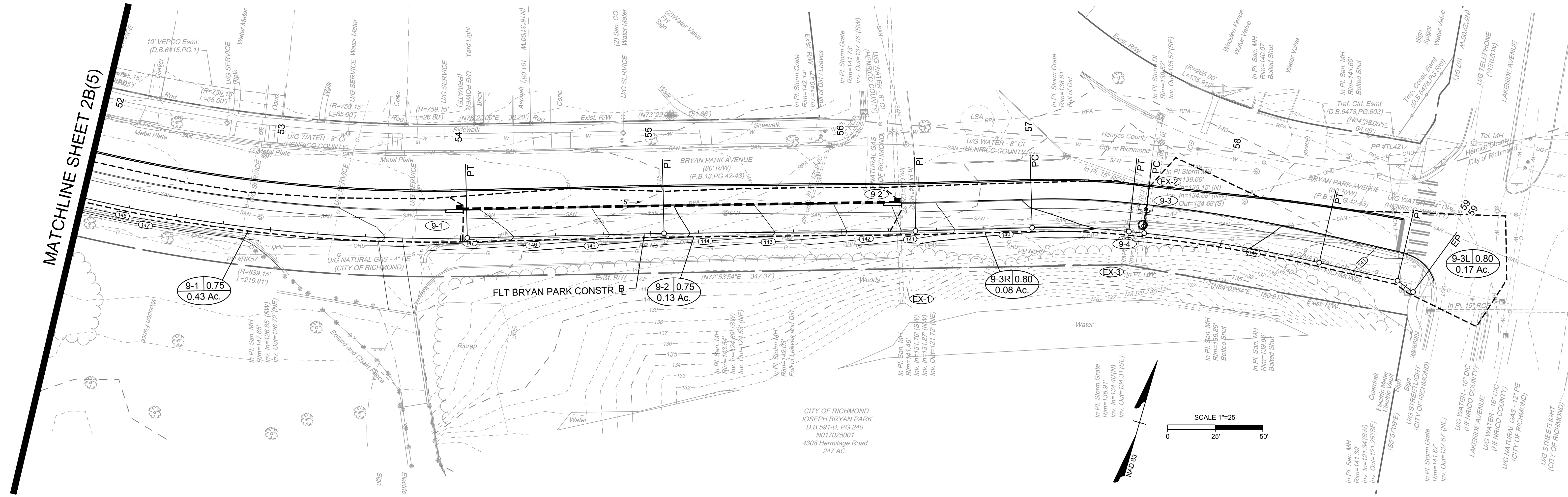
FALL LINE TRAIL - BRYAN PARK
DRAINAGE AREA MAPS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25' VERT. N/A	DATE: 5/31/24	SHEET: 2B(5)	DRAWING NO.: N-29103
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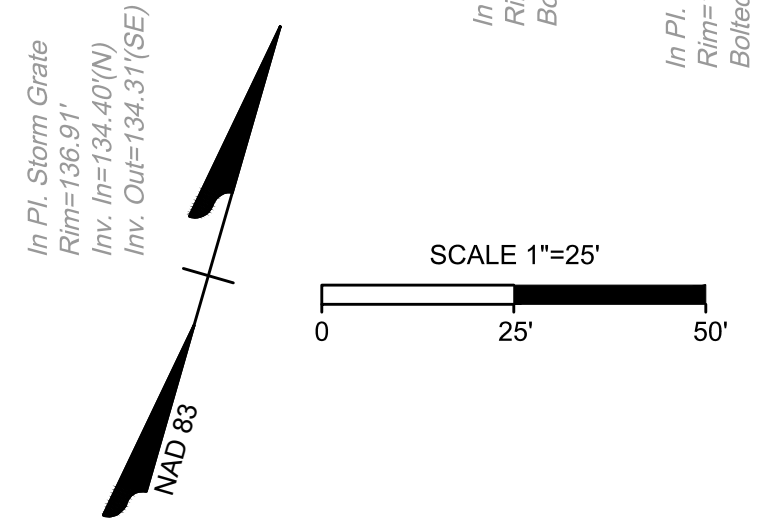
SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: K. JENKINS

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SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCE
DESIGNED BY: K. JENKINS



CITY OF RICHMOND
JOSEPH BRYAN PARK
D.B. 591-B, PG. 240
1017025001
4308 Hermitage Road
247 AC.

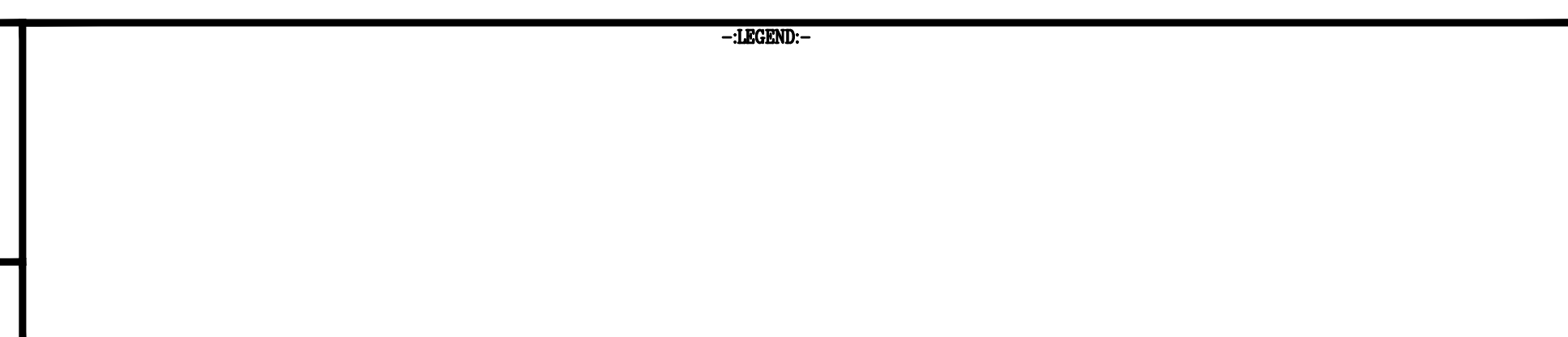


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NOTES

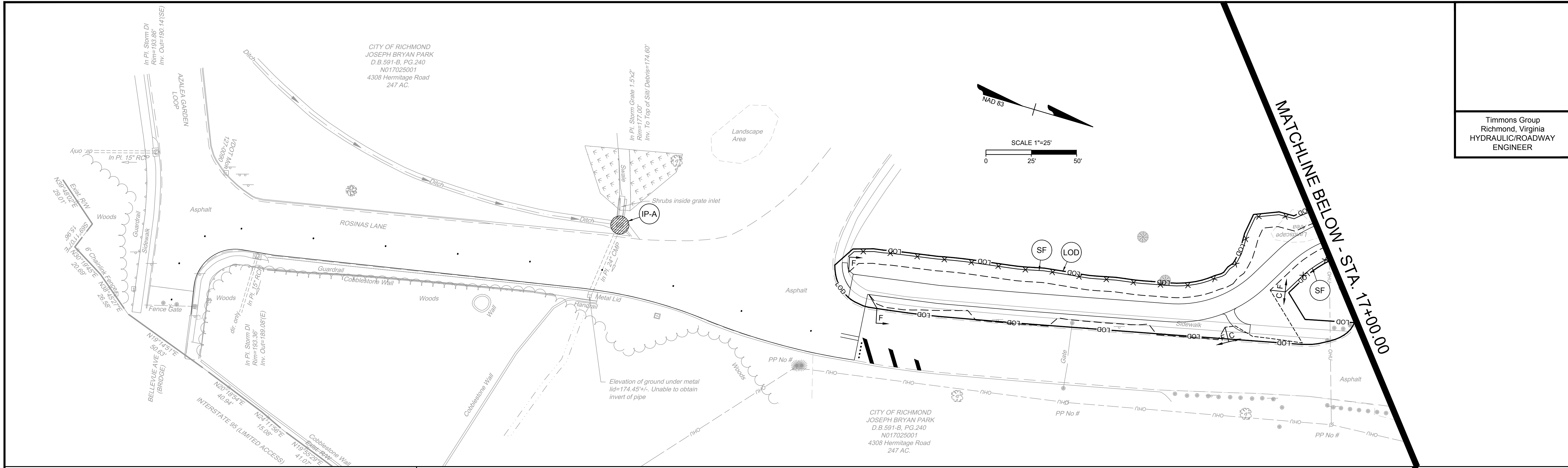
1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

REFERENCES	REVISIONS



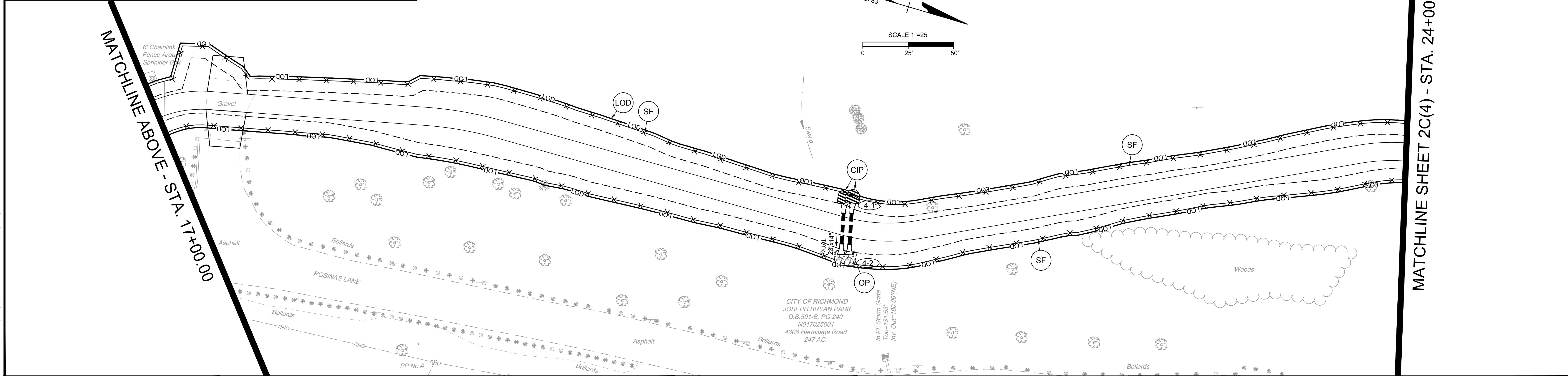
FALL LINE TRAIL - BRYAN PARK DRAINAGE AREA MAPS	
DESIGN BY: K. JENKINS	REVIEWED BY:
DRAWN BY: K. JENKINS	FIELD NOTES: FB-XX, pp XX-XX
CHECKED BY: N. SOUCE	SCALE: HORIZ. 1" = 25' VERT. 1" = 10'
DATE: 5/31/24	SHEET: 2B(6)
DRAWING NO. N-29103	

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER



EROSION & SEDIMENT CONTROL LEGEND

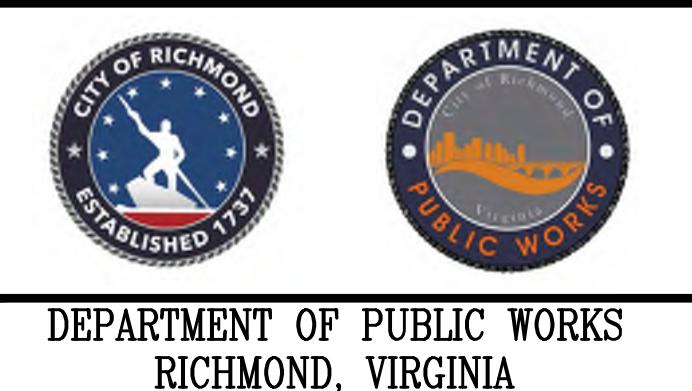
	LOD	LIMITS OF DISTURBANCE		IP-A	INLET PROTECTION TYPE A
	LOC	LIMITS OF CLEARING		IP-B	INLET PROTECTION TYPE B
	SF	SILT FENCE TYPE A		CIP	CULVERT INLET PROTECTION
	OP	OUTLET PROTECTION		OP	OUTLET PROTECTION



NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

REFERENCES	REVISIONS



FALL LINE TRAIL - BRYAN PARK
EROSION & SEDIMENT CONTROL PLANS

DESIGN BY: A. SETHLEMYER	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25'	DATE: 5/31/24	SHEET: 2C(3)	DRAWING NO.: N-29103
CHECKED BY: N. SOUCIE			VERT. 1" = 10'			

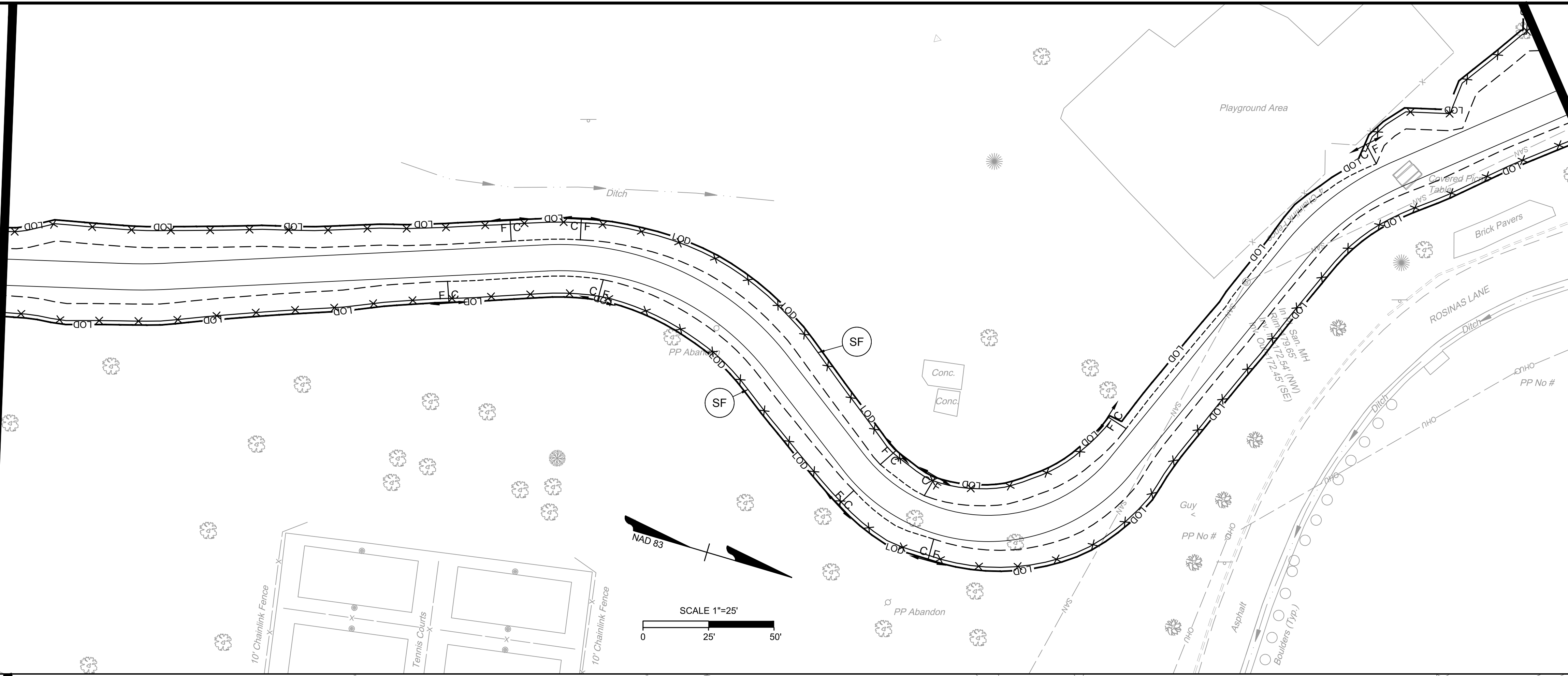
SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: A. SETHLEMYER

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Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

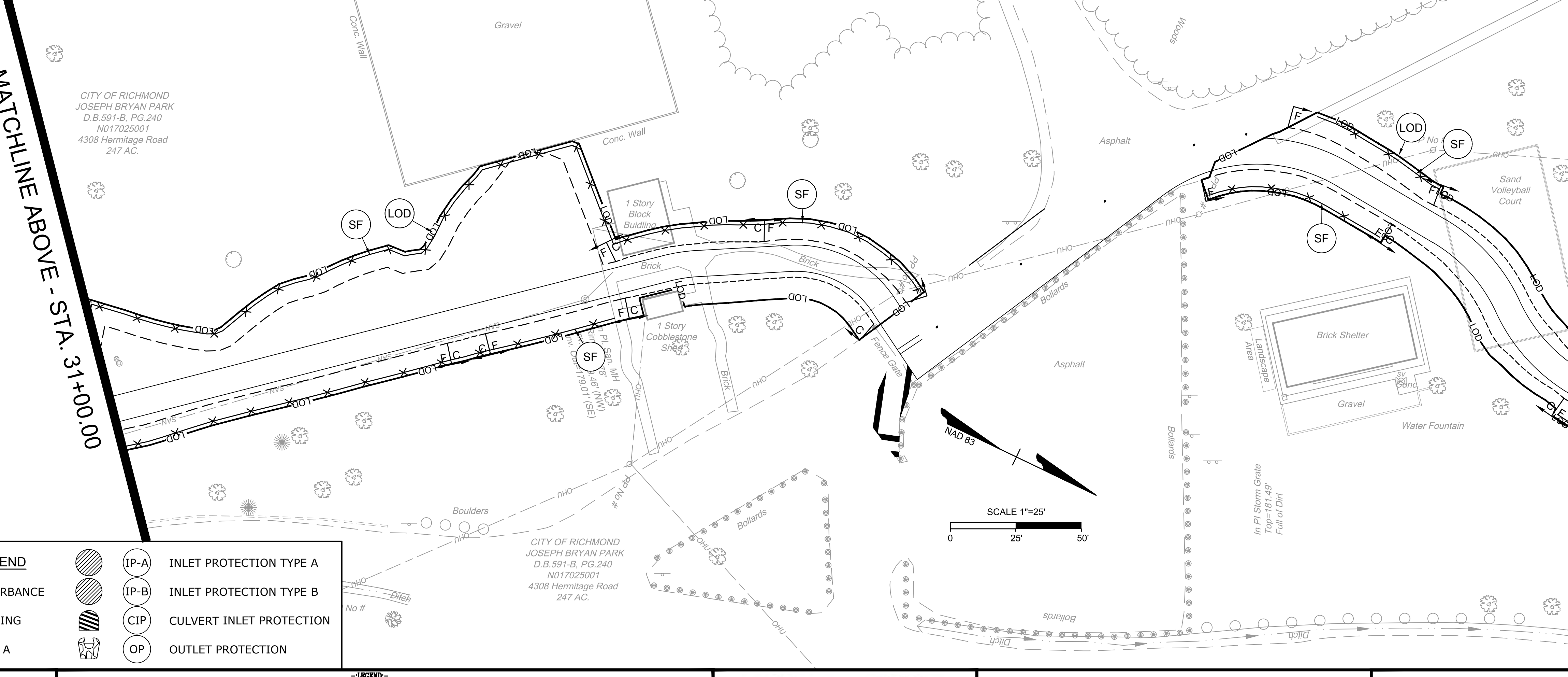
MATCHLINE SHEET 2C(3) - STA. 24+00.00

MATCHLINE BELOW - STA. 31+00.00



MATCHLINE ABOVE - STA. 31+00.00

MATCHLINE SHEET 2C(5) - STA. 38+00.00



EROSION & SEDIMENT CONTROL LEGEND	
— LOD —	(LOD) LIMITS OF DISTURBANCE
— LOC —	(LOC) LIMITS OF CLEARING
— X —	(SF) SILT FENCE TYPE A
(IP-A)	INLET PROTECTION TYPE A
(IP-B)	INLET PROTECTION TYPE B
(CIP)	CULVERT INLET PROTECTION
(OP)	OUTLET PROTECTION

NOTES	
1.	Lot dimensions in parentheses are from deed.
2.	Property owners correct as of _____, 2024
3.	Ordinance Number <u>N/A</u>
4.	Adopted <u>N/A</u>
5.	Accepted <u>N/A</u>

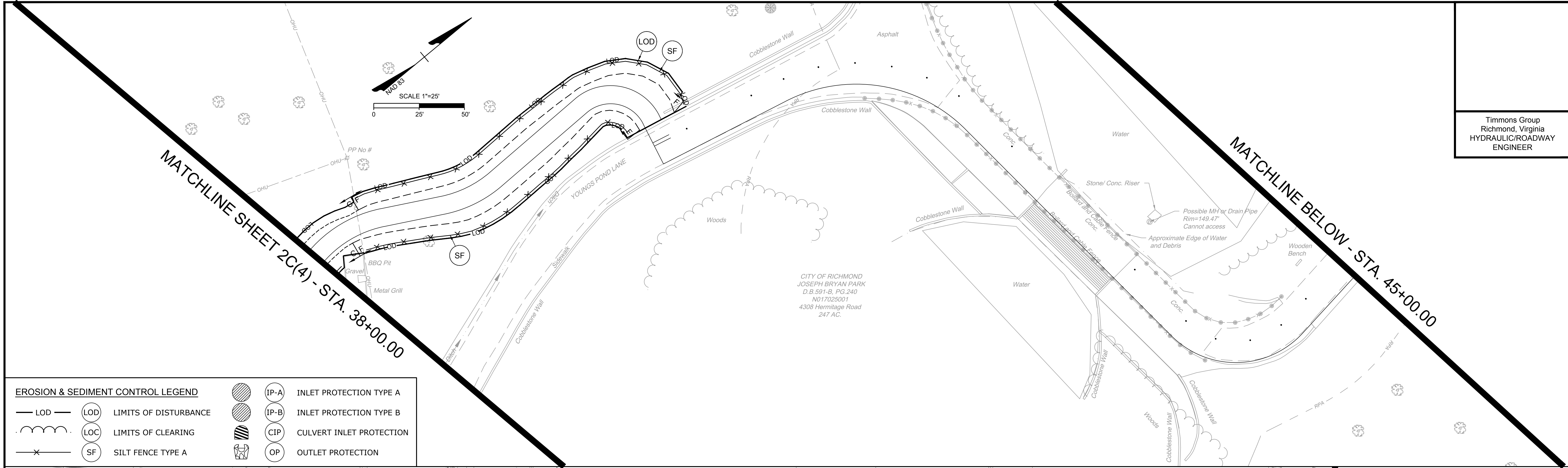


FALL LINE TRAIL - BRYAN PARK EROSION & SEDIMENT CONTROL PLANS				
DESIGN BY: A. SETTLEMAYER	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25' VERT. N/A	DATE: 5/31/24
DRAWN BY: A. SETTLEMAYER	CHECKED BY: N. SOUCIE	SHEET: 2C(4)	DRAWING NO. N-29103	

SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: A. SETTLEMAYER

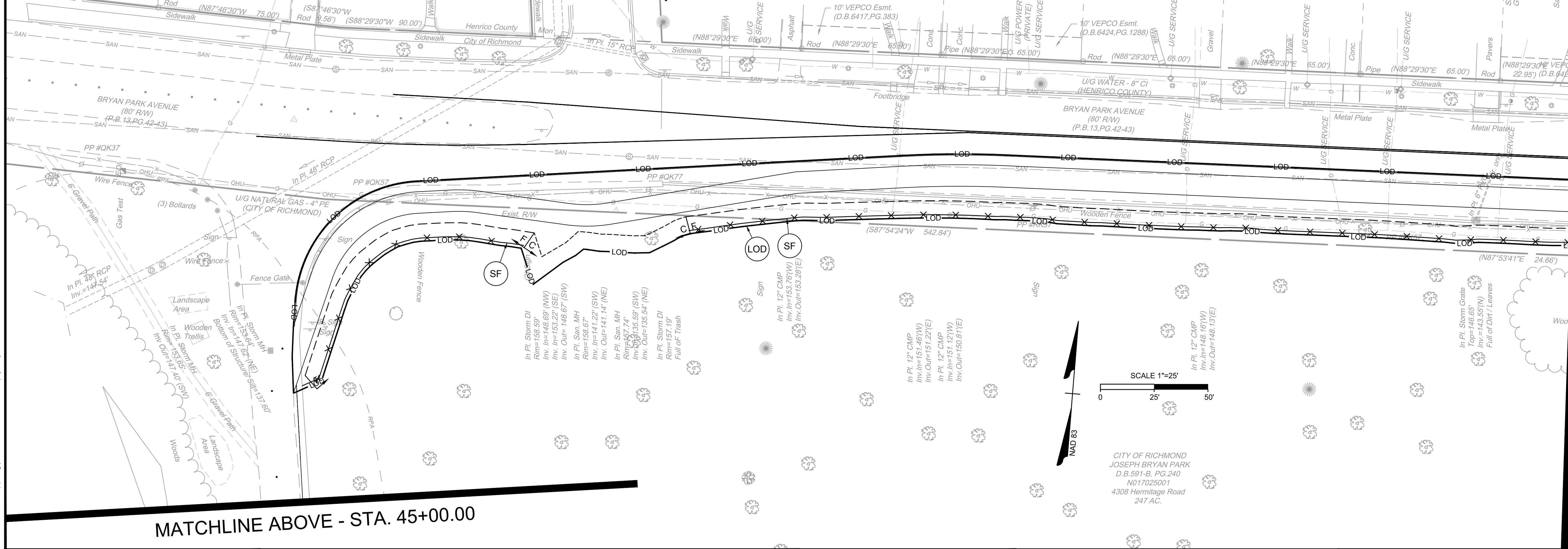
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Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER



EROSION & SEDIMENT CONTROL LEGEND

— LOD —	(LOD)	LIMITS OF DISTURBANCE	(IP-A)	INLET PROTECTION TYPE A
⌋	(LOC)	LIMITS OF CLEARING	(IP-B)	INLET PROTECTION TYPE B
— x —	(SF)	SILT FENCE TYPE A	(CIP)	CULVERT INLET PROTECTION
	(OP)	OUTLET PROTECTION		



MATCHLINE SHEET 2C(6) - STA. 52+00.00

MATCHLINE ABOVE - STA. 45+00.00

NOTES

- Lot dimensions in parentheses are from deed.
- Property owners correct as of _____, 2024
- Ordinance Number N/A
- Adopted N/A
- Accepted N/A

REFERENCES

REVISIONS

LEGEND

CITY OF RICHMOND
JOSEPH BRYAN PARK
D.B. 591-B, PG. 240
N017025001
4308 Hermitage Road
247 AC.



FALL LINE TRAIL - BRYAN PARK
EROSION & SEDIMENT CONTROL PLANS

DESIGN BY: A. SEITLMAYER	REVIEWED BY:	FIELD NOTES: FB-XX, pg XX-XX	SCALE: HORIZ. 1" = 25' VERT. N/A	DATE: 5/31/24	SHEET: 2C(5)	DRAWING NO.: N-29103
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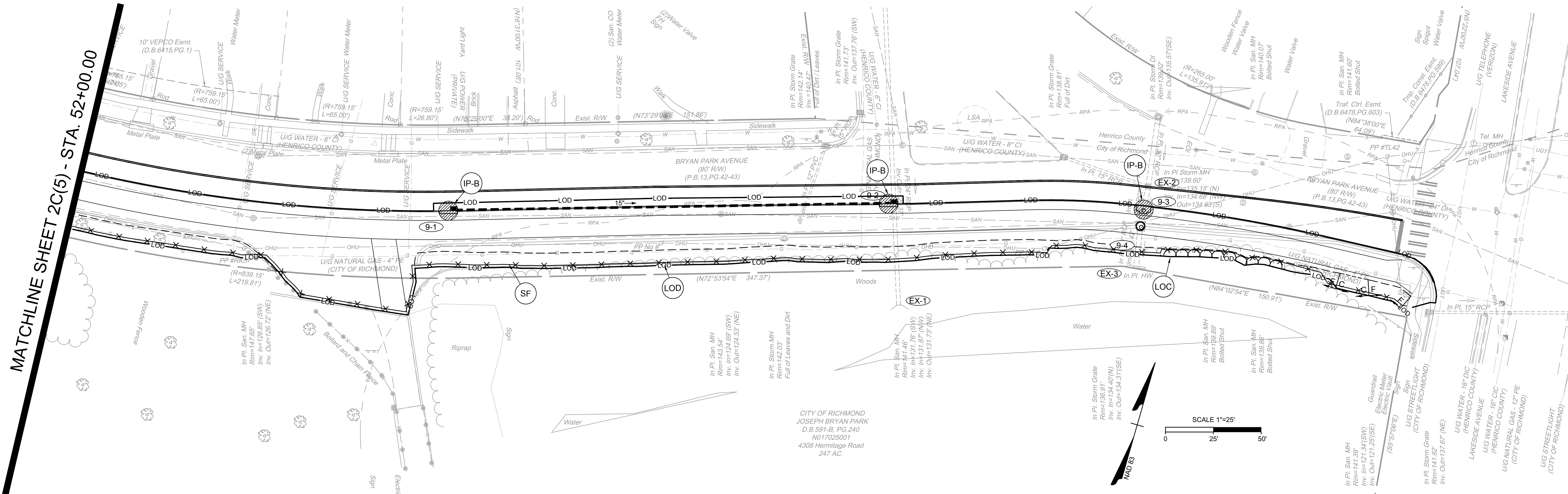
SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: A. SEITLMAYER

L:\2024\3763-FL Fall Line Trail\DWG\Sheet\CD\625783-2024-02\2C(5).dwg [Plotted on 5/31/2024 1:21 PM] by Katelyn Jenkins

EROSION & SEDIMENT CONTROL LEGEND	
	LOD LIMITS OF DISTURBANCE
	LOC LIMITS OF CLEARING
	SF SILT FENCE TYPE A
	IP-A INLET PROTECTION TYPE A
	IP-B INLET PROTECTION TYPE B
	CIP CULVERT INLET PROTECTION
	OP OUTLET PROTECTION

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

MATCHLINE SHEET 2C(5) - STA. 52+00.00



CITY OF RICHMOND
JOSEPH BRYAN PARK
D.B. 591-B, PG. 240
N017025001
4308 Hermitage Road
247 AC.



SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: A. SEITZMEYER

L:\2024\3763-FLT_BryanPark\DWG\Sheet\2C(5)2024-02-28.dwg [Plotted on 5/31/2024 1:21 PM] by Kaitlyn Jenkins

NOTES	
1.	Lot dimensions in parentheses are from deed.
2.	Property owners correct as of _____, 2024
3.	Ordinance Number <u>N/A</u>
4.	Adopted <u>N/A</u>
5.	Accepted <u>N/A</u>

REVISIONS	

DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA

TIMMONS GROUP
ENGINEERING | DESIGN | TECHNOLOGY

FALL LINE TRAIL - BRYAN PARK
EROSION & SEDIMENT CONTROL
PLANS

DESIGN BY: A. SEITZMEYER	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25'	DATE: 5/31/24	SHEET: 2C(6)	DRAWING NO.: N-29103
DRAWN BY: A. SEITZMEYER	CHECKED BY: N. SOUCIE	SCALE: VERT. N/A				

TRANSPORTATION MANAGEMENT PLAN

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

GENERAL:

1. THOUGH THIS IS NOT A VDOT PROJECT, FOR PURPOSES OF DEVELOPING THE TRANSPORTATION MANAGEMENT PLAN THE CONTRACTOR IS TO USE THE STANDARDS AND GUIDANCE OUTLINED IN THE VIRGINIA WORK AREA PROTECTION MANUAL.
2. THIS PROJECT IS CLASSIFIED AS TYPE A, UNDER THE VDOT CLASSIFICATION SYSTEM.
3. THE TOTAL PROJECT LENGTH IS APPROXIMATELY 4,900 FEET. THE WIDTH OF THE WORK ZONE IS APPROXIMATELY 20'-40'.
4. THE PURPOSE OF THIS PROJECT IS TO CONSTRUCT A SEGMENT OF THE FALL LINE TRAIL THROUGH BRYAN PARK. SOME ADDITIONAL DRAINAGE IMPROVEMENTS, CURB REALIGNMENT, AND CLEARING OPERATIONS ARE PROPOSED WHERE NECESSARY.
5. WORK WILL TAKE PLACE THROUGH BRYAN PARK AND ALONG BRYAN PARK AVENUE BEYOND THE SHOULDER, WITH MINOR ENCROACHMENT, OR FLAGGING OPERATIONS.
6. TRAFFIC ALONG BRYAN PARK AVENUE AND ITS SURROUNDING SIDE STREETS CONSISTS OF LOCAL TRAFFIC ONLY. TRAFFIC WITHIN BRYAN PARK CONSISTS OF PARK GUESTS ONLY.
7. WITHIN THE PROJECT LIMITS, ALL ROADS HAVE A SPEED LIMIT OF 25 MPH. ALL EXISTING SPEED LIMITS ARE EXPECTED TO BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
8. THE CONTRACTOR SHALL USE THE TRAFFIC MANAGEMENT PLAN AS A STARTING POINT FOR APPROPRIATE WORK ZONE TRAFFIC CONTROL. THIS PLAN IS NOT INTENDED TO BE THE FINAL TRAFFIC MANAGEMENT PLAN. THE CONTRACTOR IS EXPECTED TO SUBMIT A TRAFFIC MANAGEMENT PLAN FOR EACH CONSTRUCTION LOCATION AND HAVE THE PLAN APPROVED BY THE INSPECTOR AND OR THE CITY PROJECT MANAGER PRIOR TO FIELD IMPLEMENTATION.
9. A WORK IN STREETS PERMIT (WISP) SHALL BE OBTAINED FROM THE CITY OF RICHMOND PRIOR TO ANY CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY.

TEMPORARY TRAFFIC CONTROL (TTC) / MAINTENANCE OF TRAFFIC (MOT):

1. LANE CLOSURES, SHOULDER CLOSURES, FLAGGING OPERATIONS, AND DETOURS ARE ANTICIPATED FOR THIS PROJECT AND SHALL BE PROVIDED IN ACCORDANCE WITH THE VIRGINIA WORK AREA PROTECTION MANUAL, 2011 EDITION, (NOVEMBER 1, 2020 REVISION). THE FOLLOWING TEMPORARY TRAFFIC MEASURES SHALL BE USED:
 - 1.1. TTC-1.1 - WORK BEYOND THE SHOULDER
 - 1.2. TTC-5.2 - SHOULDER OPERATION WITH A MINOR ENCROACHMENT
 - 1.3. TTC-23.2 - LANE CLOSURE ON A TWO-LANE ROADWAY USING FLAGGERS
 - 1.4. TTC-67.1 - LANE CLOSURE OPERATION THROUGH AN UNSIGNALIZED INTERSECTION
2. ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.

PUBLIC COMMUNICATION PLAN:

1. A PUBLIC COMMUNICATIONS PLAN IS NOT APPLICABLE TO THIS PROJECT ALTHOUGH PLANNED LANE CLOSURES WILL BE ANNOUNCED TO LOCAL MEDIA.

TRANSPORTATION OPERATION PLAN:

1. THE CONTRACTOR MUST ADVISE EMERGENCY COMMUNICATIONS AT 804-646-5700 OF THE CITY ON ALL PLANNED LANE CLOSURES 24 HOURS IN ADVANCE.
2. IN CASE OF EMERGENCY, CALL 911.

THE FOLLOWING IS A LIST OF LOCAL NON-EMERGENCY NUMBERS:
 FIRE & EMS: 804-646-2500
 CITY POLICE: 804-646-5100
 CITY CHIEF: 804-646-6700
 STATE POLICE: 804-674-2000
 PROJECT PERSONNEL:
 CITY PROJECT MANAGER: ADEL EDWARD: 804-646-6584
 ENGINEER CONTACT: NICK SOUCIE, TIMMONS GROUP: 804-200-6431
 INSPECTOR: TBD
 CITY OF RICHMOND, DEPARTMENT OF PUBLIC WORKS: 804-646-6430
3. TRAFFIC INCIDENTS THAT MAY OCCUR WITHIN THE WORK ZONE:
 - 3.1. INSPECTOR SHALL NOTIFY THE CITY PROJECT MANAGER OF THE TRAFFIC INCIDENT AND TAKE PICTURES OF THE WORK ZONE SETUP.
 - 3.2. THE CONTRACTOR MAY HAVE TO SHUT DOWN THE WORK DEPENDING UPON THE INCIDENT SEVERITY.
 - 3.3. THE CITY POLICE WILL DETERMINE THE RESPONSE NECESSARY TO ALLOW TRAVELING PUBLIC AROUND THE INCIDENT, TAKE CONTROL OF THE INCIDENT, AND DIRECT ITS CLEARING AND RESTORATION TO NORMAL TRAFFIC CONDITIONS.
4. THE CITY POLICE INCIDENT REPORT WILL BE REVIEWED BY THE CITY PROJECT MANAGER AT 804-646-2467 TO DETERMINE ANY NEEDED MODIFICATIONS TO THE WORK ZONE LAYOUT. IF CHANGES ARE NECESSARY THEN A MEETING WILL BE CALLED WITH THE CONTRACTOR, CITY INSPECTOR, AND CITY PROJECT MANAGER TO DISCUSS THE MODIFICATION AND IMPLEMENTATION OF AN IMPROVED TRAFFIC CONTROL PLAN.

TMP GENERAL NOTES:

1. ANY REQUIRED LANE CLOSURES MUST BE APPROVED IN ADVANCE BY THE CITY ENGINEER.
2. LANE CLOSURES AND STOPPING OF TRAFFIC SHALL ONLY BE ALLOWED ON BRYAN PARK AVENUE OR ANY OTHER CONNECTING ROAD BETWEEN THE HOURS OF 9:00 AM TO 3:00 PM, MONDAY THROUGH FRIDAY, UNLESS OTHERWISE DIRECTED BY THE CITY & THE ENGINEER. FOR MORE INFORMATION, SEE SEQUENCE OF CONSTRUCTION ON THIS SHEET.
3. ALL AREAS EXCAVATED DEEPER THAN 2" (TWO INCHES) BELOW EXISTING PAVEMENT SURFACE AND WITHIN THE CLEAR ZONE, AT THE CONCLUSION OF EACH WORKDAY, SHALL BE BACK FILLED TO FORM AN APPROXIMATE 6:1 WEDGE AGAINST THE PAVEMENT SURFACE FOR THE SAFETY AND PROTECTION OF VEHICULAR TRAFFIC. ALL COST PLACING, MAINTAINING, AND REMOVING THE 6:1 WEDGE SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. IN LIEU OF BACKFILLING EXCAVATED AREAS WITHIN THE ROADWAY, THE CONTRACTOR MAY USE TEMPORARY STEEL PLATES FOR THE SAFETY AND PROTECTION OF VEHICULAR TRAFFIC. THE PLACEMENT OF TEMPORARY STEEL PLATES SHALL BE PER VIRGINIA WORK AREA PROTECTION MANUAL SPECIFICATIONS, SECTION 6G.15. TEMPORARY STEEL PLATES SHALL BE AFFIXED TO THE ROADWAY SURFACE VIA AN ASPHALT WEDGE. ADVANCED WARNING SIGNS W8-1 ("BUMP") AND W8-24 ("STEEL PLATES AHEAD") SHALL BE PLACED IN ADVANCE OF THE TEMPORARY STEEL PLATE.
4. TRAFFIC SHALL NOT BE STOPPED ON BRYAN PARK AVENUE OR ANY CONNECTOR ROAD FOR LONGER THAN FIVE MINUTES AT ANY TIME UNLESS OTHERWISE DIRECTED BY THE CITY AND THE ENGINEER.
5. LANE CLOSURES WILL NOT BE PERMITTED ON HOLIDAYS, WEEKENDS, OR ON FRIDAY-SATURDAY-SUNDAY-MONDAY SURROUNDING HOLIDAY WEEKENDS UNLESS OTHERWISE APPROVED IN ADVANCE BY THE ENGINEER AND THE CITY.
6. ANY CONTRACT ITEM(S) NOT SPECIFICALLY NOTED IN THE MAINTENANCE OF TRAFFIC MAY BE SCHEDULED FOR CONSTRUCTION AT THE CONTRACTOR'S OPTION, AS APPROVED BY THE ENGINEER AND THE CITY.

TRANSPORTATION OPERATION PLAN CONT'D.

7. VEHICULAR AND PEDESTRIAN ACCESS TO ADJACENT PROPERTIES AND CONNECTING STREETS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. PROPERTY OWNERS SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO ANY ACTIVITIES WHICH WOULD IMPEDE ACCESS TO THEIR PROPERTY. IN ALL CASES IN WHICH EXISTING OR ESTABLISHED TRAFFIC PATTERNS WILL BE DISRUPTED, THE CONTRACTOR WILL NOTIFY ALL AFFECTED RESIDENTS AND/OR BUSINESSES A MINIMUM OF 48 HOURS IN ADVANCE OF THE ANTICIPATED DISRUPTION BY DISTRIBUTING DOOR-TO-DOOR NOTICES. A COPY OF THE NOTICE SHALL BE FORWARDED TO THE PROJECT ENGINEER AND THE CITY FOR REVIEW AND APPROVAL PRIOR TO THE BEGINNING OF WORK. ALL COMMERCIAL/BUSINESS ENTRANCES SHALL MAINTAIN TWO-WAY TRAFFIC DURING CONSTRUCTION, WITH 20-FOOT MINIMUM WIDTH ENTRANCES. CONTRACTOR IS TO COORDINATE WITH BUSINESS OWNERS TO MINIMIZE IMPACTS. OVERNIGHT CONSTRUCTION OPERATIONS MAY BE NECESSARY TO MINIMIZE IMPACTS.
8. ALL TRAFFIC CONTROL SHALL BE SET UP AND SPACED ACCORDING TO THE VIRGINIA WORK AREA PROTECTION MANUAL, 2011 EDITION, (NOVEMBER 1, 2020 REVISION).
9. CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL AS DIRECTED BY THE CITY, SHOULD FIELD CONDITIONS WARRANT.
10. CONTRACTOR MAY REDUCE LANE WIDTHS TO 10' MINIMUM DURING CONSTRUCTION. ANY TEMPORARY PAVEMENT MARKINGS THAT ARE REQUIRED ARE THE RESPONSIBILITY OF THE CONTRACTOR.
11. CONTRACTOR IS RESPONSIBLE FOR PLACEMENT AND MAINTENANCE OF ALL TEMPORARY PAVEMENT MARKINGS AND SIGNAGE THAT ARE REQUIRED OR IMPLIED IN THE CONSTRUCTION PHASING SHEETS THAT FOLLOW. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TRAFFIC CONTROL DEVICES, SIGNAGE, EQUIPMENT, PERSONNEL, INCLUDING CERTIFIED TRAFFIC CONTROL PERSONNEL, ETC. 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 LATEST EDITION OF THE VIRGINIA WORK AREA PROTECTION MANUAL, 2011 EDITION, (NOVEMBER 1, 2020 REVISION), MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AND ALL VDOT PERMITS.
12. AT NO TIME SHALL CONSTRUCTION TAKE PLACE ON BOTH THE RIGHT AND LEFT SIDES OF VEHICLES, UNLESS OTHERWISE SPECIFIED BY THE CITY AND THE ENGINEER.
13. ALL CONSTRUCTION MATERIALS AND EQUIPMENT CAN BE STORED ALONG THE WORK ZONE CORRIDOR OR STORED OFF-SITE. ALL CONSTRUCTION MATERIALS AND EQUIPMENT STORED ALONG THE CONSTRUCTION CORRIDOR SHALL BE OUTSIDE OF THE CLEARZONE/SIGHT DISTANCE RESTRICTIVE AREAS OR BEHIND GUARDRAIL AND ITS RESPECTIVE DEFLECTION AREA. ALL CONTRACTOR AND SUBCONTRACTOR EMPLOYEES SHALL PARK OFF-SITE.
14. EMERGENCY VEHICLE, BUS, AND MAIL ROUTES SHALL BE MAINTAINED AT ALL TIMES.
15. SIGN DIMENSIONS SHALL BE IN ACCORDANCE WITH THE VIRGINIA WORK AREA PROTECTION MANUAL, 2011 EDITION, (NOVEMBER 1, 2020 REVISION), TABLE 6F, TEMPORARY TRAFFIC CONTROL ZONE SIGN AND PLAQUE SIZES FOR "RESTRICTED" RIGHT-OF-WAY ROADWAYS.

SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

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NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

LEGEND

REFERENCES REVISIONS



DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA

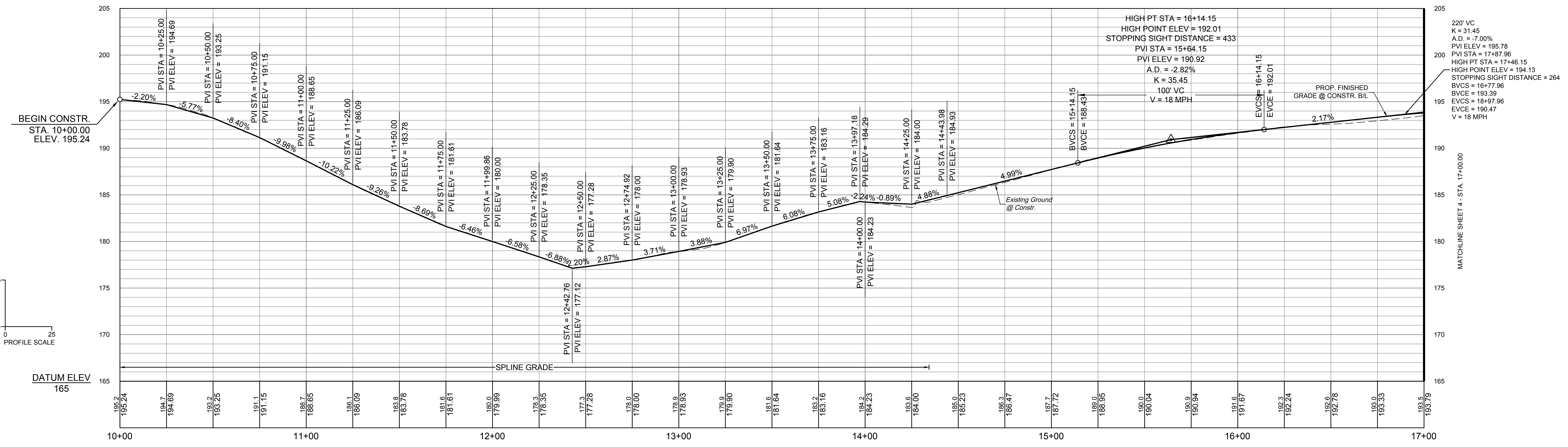
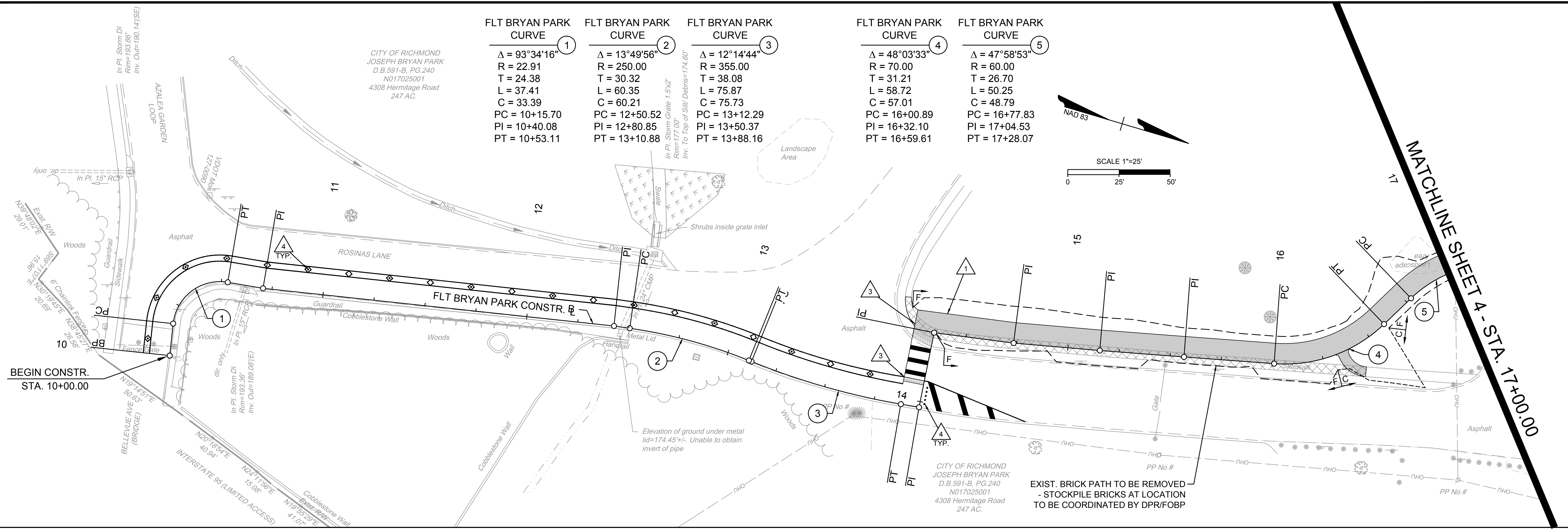
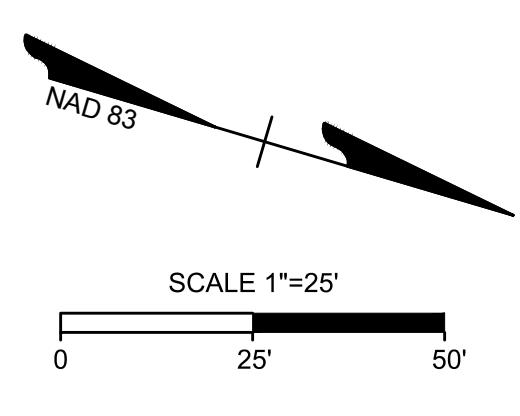


FALL LINE TRAIL - BRYAN PARK TRANSPORTATION MANAGEMENT PLAN

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES FB-XX, pp XX-XX	SCALE AS SHOWN	DATE 5/31/24	SHEET 2D	DRAWING NO. N-29103
CHECKED BY: N. SOUCIE						

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

FLT BRYAN PARK CURVE 1	FLT BRYAN PARK CURVE 2	FLT BRYAN PARK CURVE 3	FLT BRYAN PARK CURVE 4	FLT BRYAN PARK CURVE 5
$\Delta = 93^{\circ}34'16"$	$\Delta = 13^{\circ}49'56"$	$\Delta = 12^{\circ}14'44"$	$\Delta = 48^{\circ}03'33"$	$\Delta = 47^{\circ}58'53"$
R = 22.91	R = 250.00	R = 355.00	R = 70.00	R = 60.00
T = 24.38	T = 30.32	T = 38.08	T = 31.21	T = 26.70
L = 37.41	L = 60.35	L = 75.87	L = 58.72	L = 50.25
C = 33.39	C = 60.21	C = 75.73	C = 57.01	C = 48.79
PC = 10+15.70	PC = 12+50.52	PC = 13+12.29	PC = 16+00.89	PC = 16+77.83
PI = 10+40.08	PI = 12+80.85	PI = 13+50.37	PI = 16+32.10	PI = 17+04.53
PT = 10+53.11	PT = 13+10.88	PT = 13+88.16	PT = 16+59.61	PT = 17+28.07



SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

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NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

REVISIONS

NO.	DESCRIPTION

KEY LEGEND

	PROP. SHARED USE PATH
	FULL DEPTH ASPHALT PAVEMENT
	DEMOLITION OF ASPHALT PAVEMENT
	DEMOLITION OF EX. FEATURE
	PROP. DETECTABLE WARNING SURFACE

CONSTRUCTION LIMITS

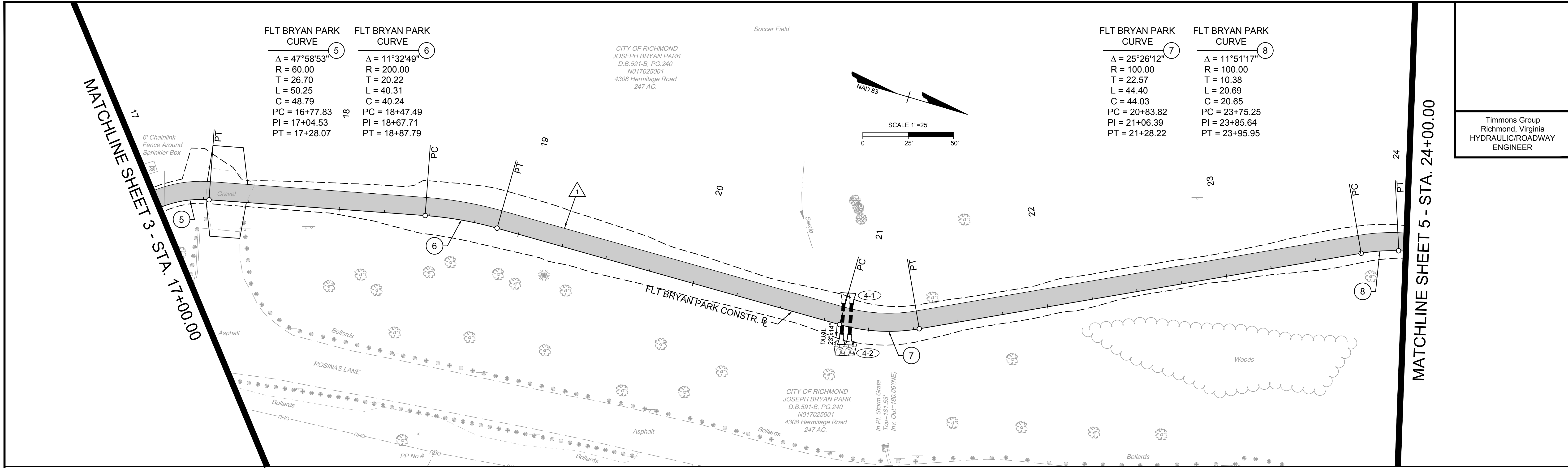
(FILL) (CUT)



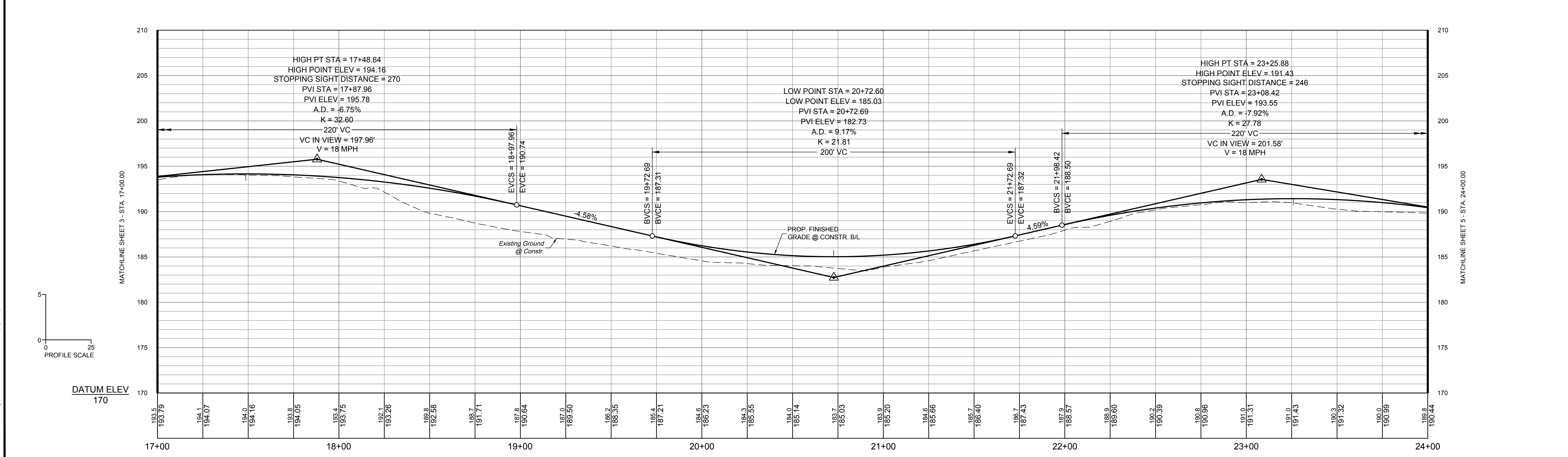
**FALL LINE TRAIL - BRYAN PARK
PLAN & PROFILE SHEET**

DESIGN BY:	REVIEWED BY:	FIELD NOTES:	SCALE:	DATE:	SHEET:	DRAWING NO.:
K. JENKINS		FB-XX, pp XX-XX	HORIZ. 1" = 25' VERT. 1" = 5'	5/31/24	3	N-29103

SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS



Timmons Group
 Richmond, Virginia
 HYDRAULIC/ROADWAY
 ENGINEER



NOTES
 1. Lot dimensions in parentheses are from deed.
 2. Property owners correct as of 2024
 3. Ordinance Number N/A
 4. Adopted N/A
 5. Accepted N/A

KEY LEGEND

	PROP. SHARED USE PATH
	FULL DEPTH ASPHALT PAVEMENT
	DEMOLITION OF ASPHALT PAVEMENT
	DEMOLITION OF EX. FEATURE
	PROP. DETECTABLE WARNING SURFACE

CONSTRUCTION LIMITS
 (FILL) (CUT)



TIMMONS GROUP
 ENGINEERING | DESIGN | TECHNOLOGY

FALL LINE TRAIL - BRYAN PARK
PLAN & PROFILE SHEET

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES FB-XX, pp XX-XX	SCALE HORIZ. 1" = 25' VERT. 1" = 5'	DATE 5/31/24	SHEET 4	DRAWING NO. N-29103
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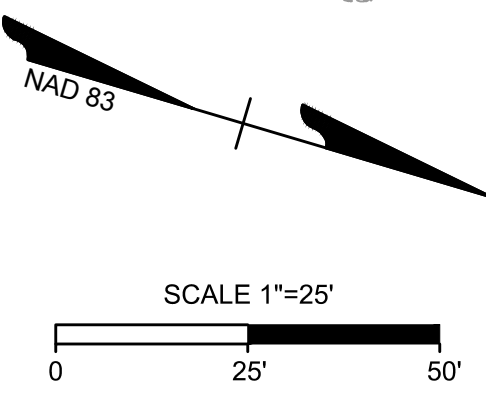
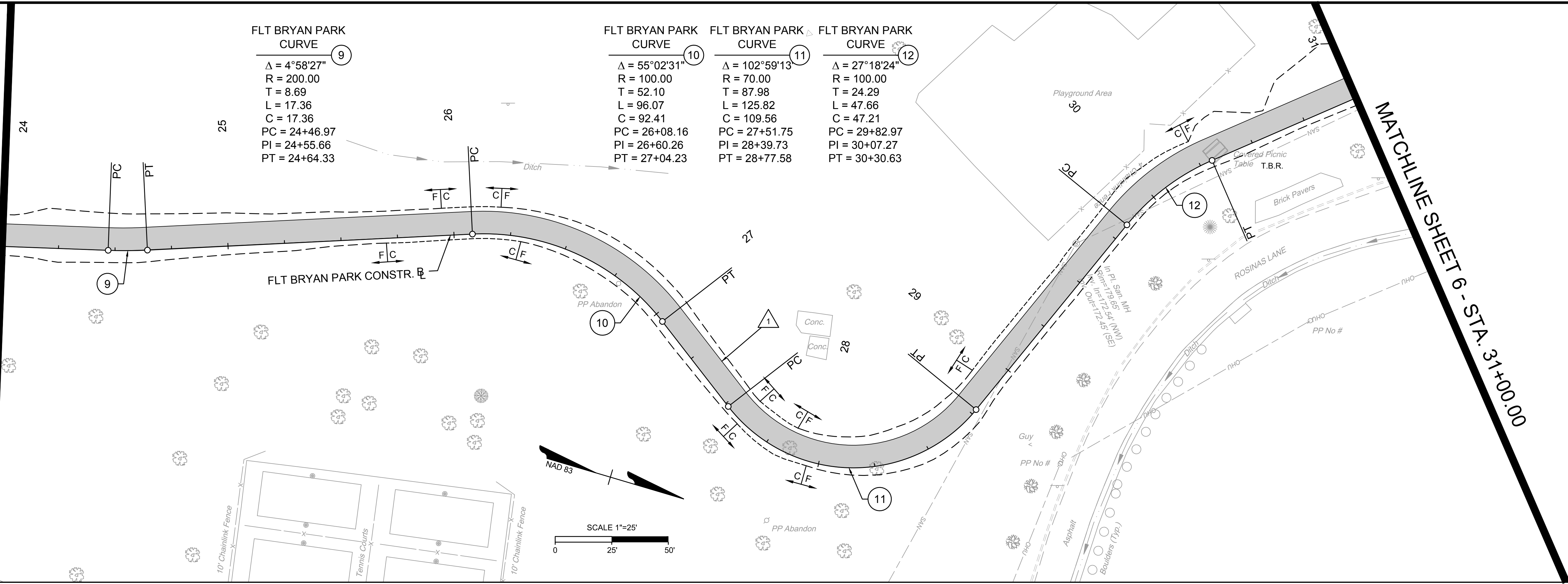
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Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

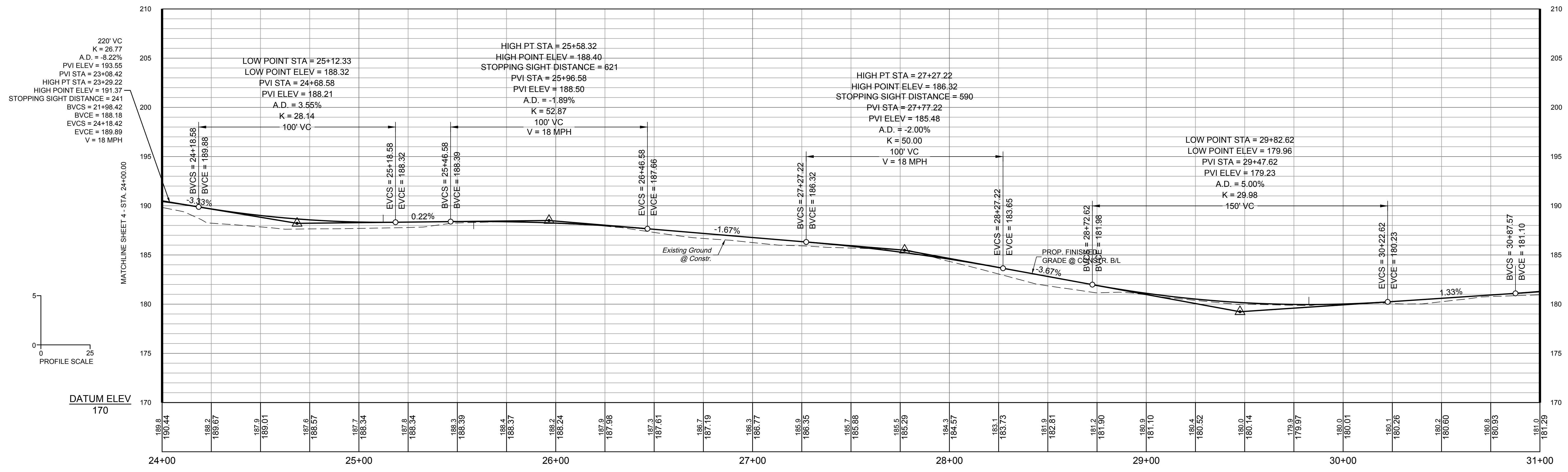
MATCHLINE SHEET 4 - STA. 24+00.00

MATCHLINE SHEET 6 - STA. 31+00.00

Curve No.	Delta	Radius	Tangent	Length	Chord	PC	PI	PT
9	4°58'27"	200.00	8.69	17.36	17.36	24+46.97	24+55.66	24+64.33
10	55°02'31"	100.00	52.10	96.07	92.41	26+08.16	26+60.26	27+04.23
11	102°59'13"	70.00	87.98	125.82	109.56	27+51.75	28+39.73	28+77.58
12	27°18'24"	100.00	24.29	47.66	47.21	29+82.97	30+07.27	30+30.63



SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: K. JENKINS



NOTES

- Lot dimensions in parentheses are from deed.
- Property owners correct as of 2024
- Ordinance Number N/A
- Adopted N/A
- Accepted N/A

REFERENCES

REVISIONS

KEY LEGEND

	PROP. SHARED USE PATH
	FULL DEPTH ASPHALT PAVEMENT
	DEMOLITION OF ASPHALT PAVEMENT
	DEMOLITION OF EX. FEATURE
	PROP. DETECTABLE WARNING SURFACE

LEGEND

(FILL) (CUT)
CONSTRUCTION LIMITS

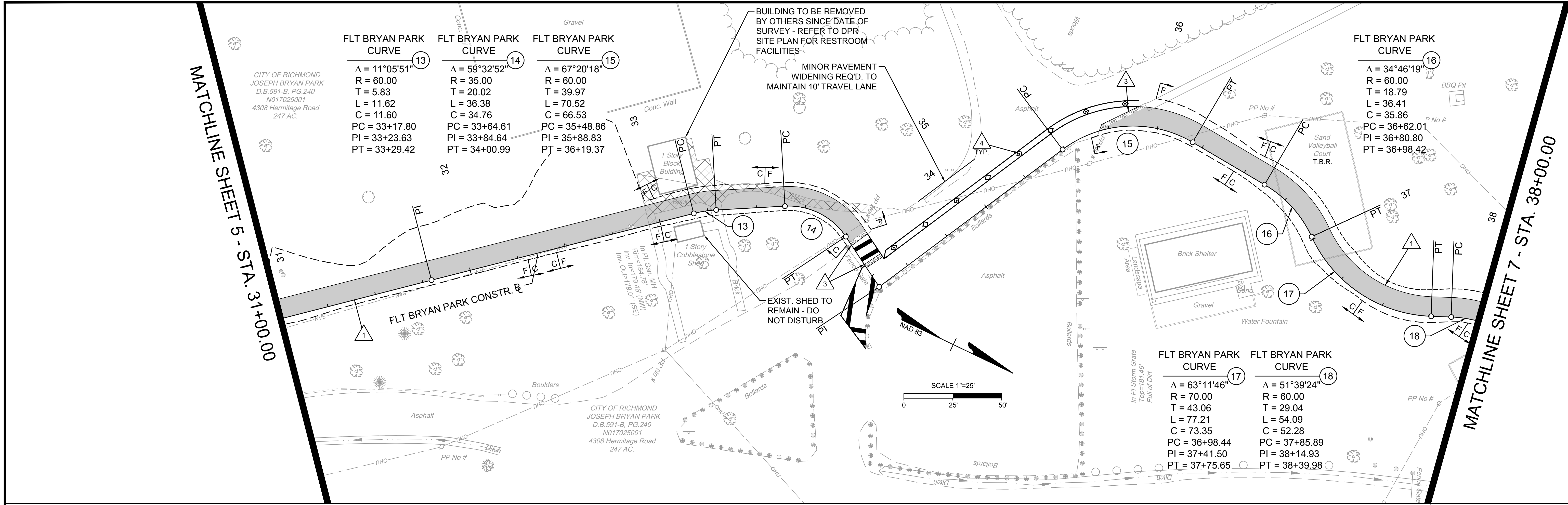


**FALL LINE TRAIL - BRYAN PARK
PLAN & PROFILE SHEET**

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25' VERT. 1" = 5'	DATE: 5/31/24	SHEET: 5	DRAWING NO.: N-29103
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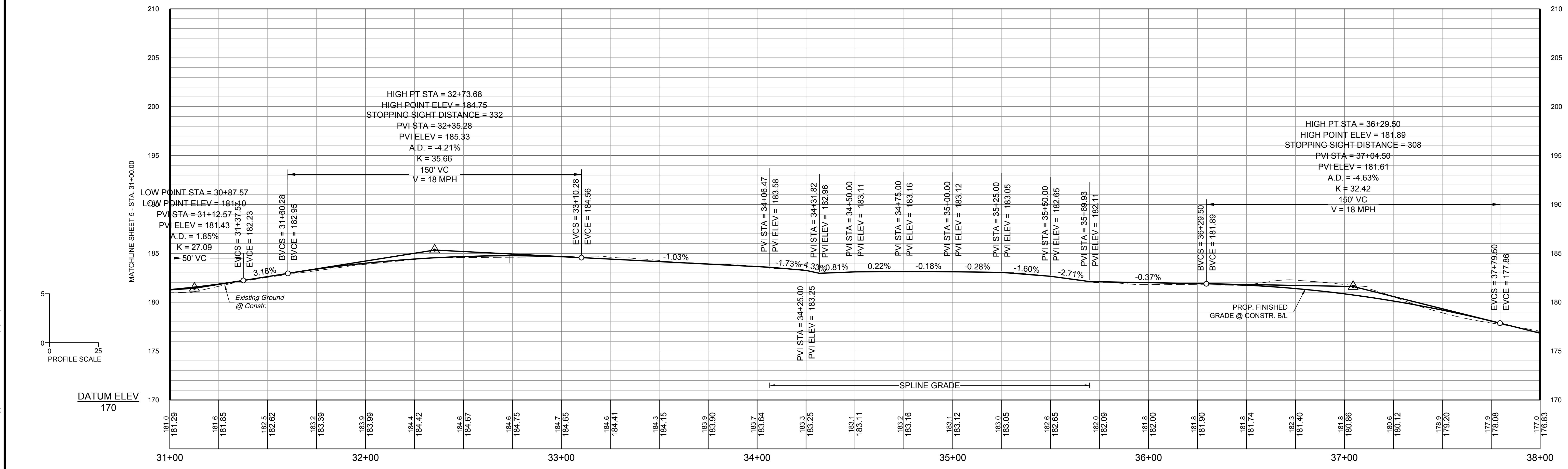
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SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS



Timmons Group
 Richmond, Virginia
 HYDRAULIC/ROADWAY
 ENGINEER

SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS



NOTES

- Lot dimensions in parentheses are from deed.
- Property owners correct as of 2024
- Ordinance Number N/A
- Adopted N/A
- Accepted N/A

REFERENCES

REVISIONS

KEY LEGEND

- PROP. 10' ASPHALT SHARED USE PATH REQ'D.
- PROP. CITY OF RICHMOND CURB REQ'D.
- PROP. DETECTABLE WARNING SURFACE REQ'D.
- PROP. FLEXIBLE POST BOLLARD

LEGEND

- PROP. SHARED USE PATH
- FULL DEPTH ASPHALT PAVEMENT
- DEMOLITION OF ASPHALT PAVEMENT
- DEMOLITION OF EX. FEATURE
- PROP. DETECTABLE WARNING SURFACE

CONSTRUCTION LIMITS
 (FILL) (CUT)



FALL LINE TRAIL - BRYAN PARK
PLAN & PROFILE SHEET

DESIGN BY: K. JENKINS
 DRAWN BY: K. JENKINS
 CHECKED BY: N. SOUCIE

REVIEWED BY:

FIELD NOTES: FB-XX, pp XX-XX

SCALARS: HORIZ. 1" = 25', VERT. 1" = 5'

DATE: 5/31/24

SHEET: 6

DRAWING NO.: N-29103

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

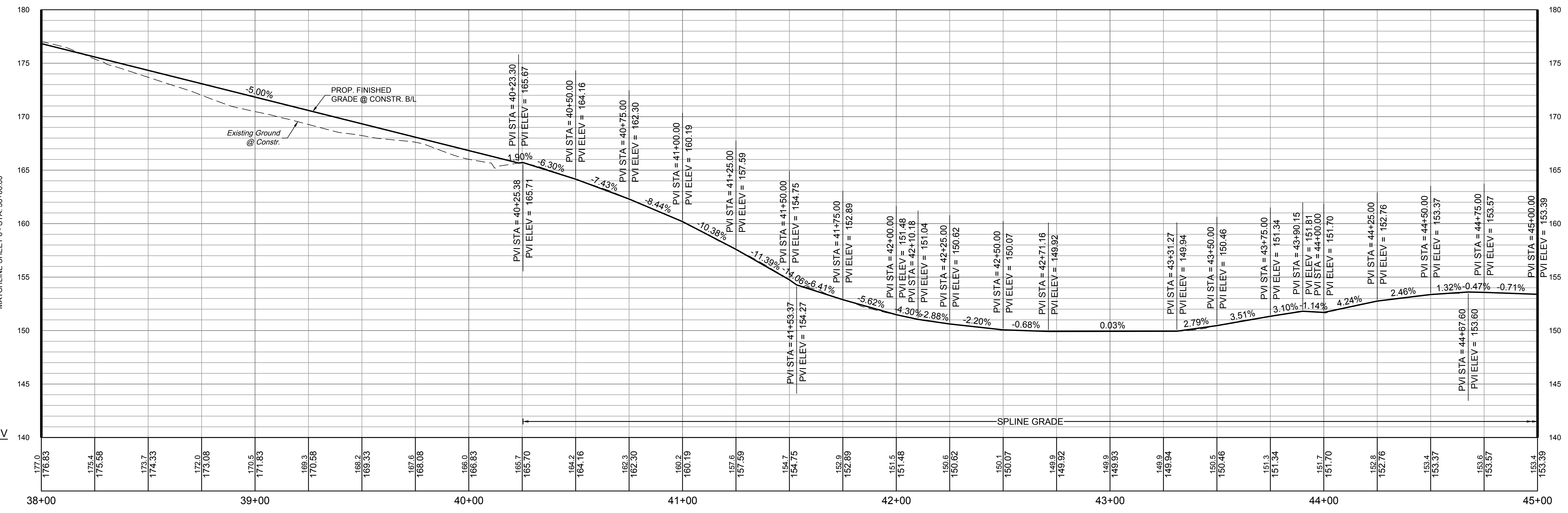
MATCHLINE SHEET 6 - STA. 38+00.00

MATCHLINE SHEET 8 - STA. 45+00.00



FLT BRYAN PARK CURVE 18	FLT BRYAN PARK CURVE 19	FLT BRYAN PARK CURVE 20	FLT BRYAN PARK CURVE 21	FLT BRYAN PARK CURVE 22
$\Delta = 51^{\circ}39'24''$	$\Delta = 29^{\circ}11'59''$	$\Delta = 103^{\circ}51'52''$	$\Delta = 72^{\circ}14'34''$	$\Delta = 92^{\circ}38'29''$
R = 60.00	R = 70.00	R = 20.00	R = 85.00	R = 50.00
T = 29.04	T = 18.23	T = 25.54	T = 62.03	T = 52.36
L = 54.09	L = 35.67	L = 36.26	L = 107.17	L = 80.84
C = 52.28	C = 35.29	C = 31.49	C = 100.21	C = 72.32
PC = 37+85.89	PC = 38+73.85	PC = 39+71.44	PC = 41+08.46	PC = 43+76.35
PI = 38+14.93	PI = 38+92.09	PI = 39+96.98	PI = 41+70.49	PI = 44+28.71
PT = 38+39.98	PT = 39+09.53	PT = 40+07.70	PT = 42+15.63	PT = 44+57.19

CITY OF RICHMOND
JOSEPH BRYAN PARK
D.B.591-B, PG.240
N017025001
4308 Hermitage Road
247 AC.



SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

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NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

REVISIONS

NO.	DESCRIPTION

KEY LEGEND

	PROP. SHARED USE PATH
	FULL DEPTH ASPHALT PAVEMENT
	DEMOLITION OF ASPHALT PAVEMENT
	DEMOLITION OF EX. FEATURE
	PROP. DETECTABLE WARNING SURFACE

CONSTRUCTION LIMITS

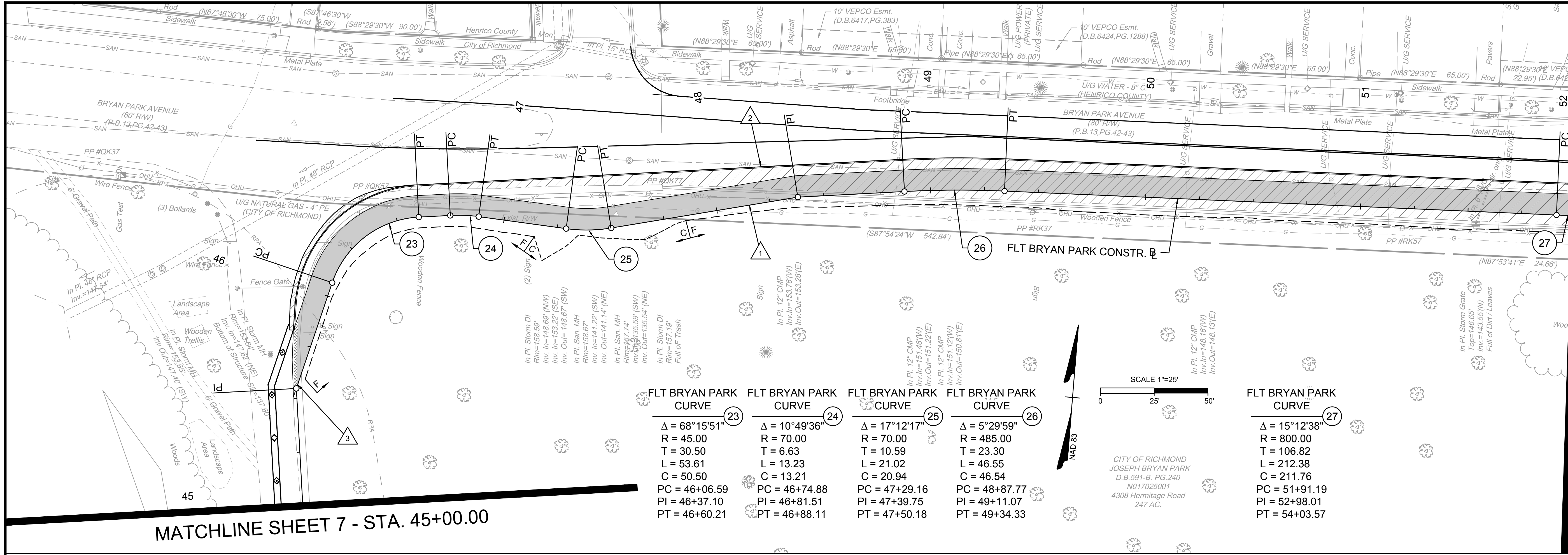
(FILL) (CUT)



FALL LINE TRAIL - BRYAN PARK
PLAN & PROFILE SHEET

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALAR: HORIZ. 1" = 25' VERT. 1" = 5'	DATE: 5/31/24	SHEET: 7	DRAWING NO.: N-29103
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SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

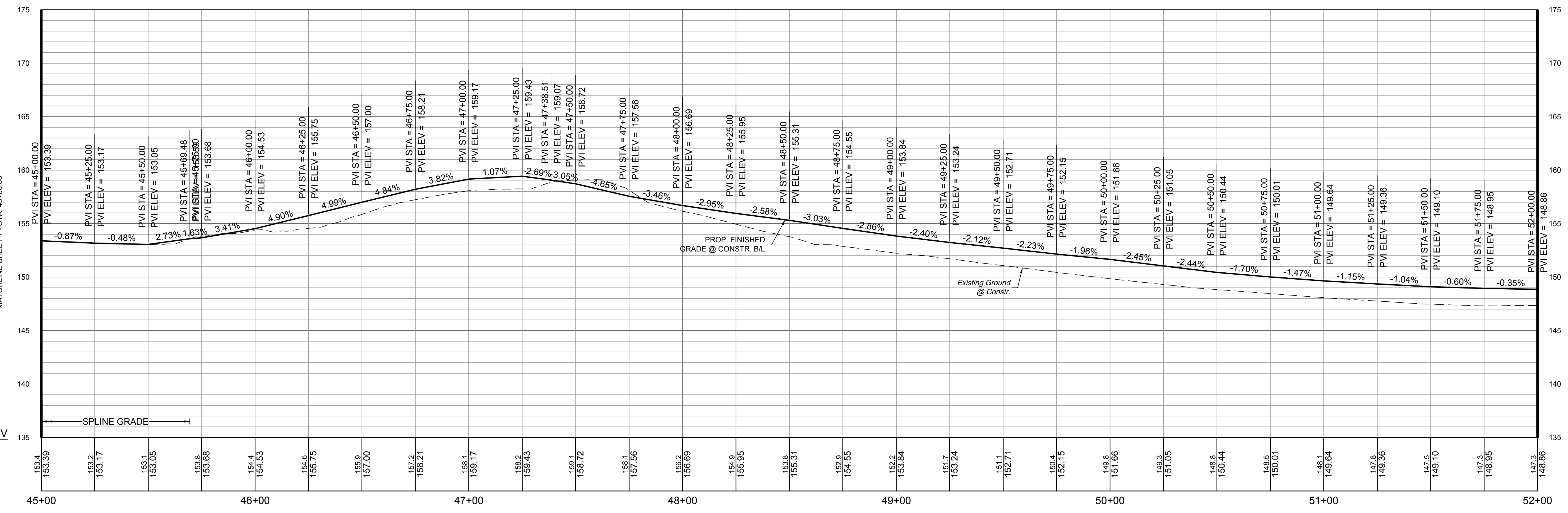


MATCHLINE SHEET 9 - STA. 52+00.00

Timmons Group
 Richmond, Virginia
 HYDRAULIC/ROADWAY
 ENGINEER

MATCHLINE SHEET 7 - STA. 45+00.00

FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE
23	24	25	26	27
$\Delta = 68^{\circ}15'51''$	$\Delta = 10^{\circ}49'36''$	$\Delta = 17^{\circ}12'17''$	$\Delta = 5^{\circ}29'59''$	$\Delta = 15^{\circ}12'38''$
R = 45.00	R = 70.00	R = 70.00	R = 485.00	R = 800.00
T = 30.50	T = 6.63	T = 10.59	T = 23.30	T = 106.82
L = 53.61	L = 13.23	L = 21.02	L = 46.55	L = 212.38
C = 50.50	C = 13.21	C = 20.94	C = 46.54	C = 211.76
PC = 46+06.59	PC = 46+74.88	PC = 47+29.16	PC = 48+87.77	PC = 51+91.19
PI = 46+37.10	PI = 46+81.51	PI = 47+39.75	PI = 49+11.07	PI = 52+98.01
PT = 46+60.21	PT = 46+88.11	PT = 47+50.18	PT = 49+34.33	PT = 54+03.57



NOTES
 1. Lot dimensions in parentheses are from deed.
 2. Property owners correct as of 2024
 3. Ordinance Number N/A
 4. Adopted N/A
 5. Accepted N/A

KEY LEGEND
 1. PROP. 10' ASPHALT SHARED USE PATH REQ'D.
 2. PROP. CITY OF RICHMOND CURB REQ'D.
 3. PROP. DETECTABLE WARNING SURFACE REQ'D.
 4. PROP. FLEXIBLE POST BOLLARD

(FILL) (CUT)
 CONSTRUCTION LIMITS



TIMMONS GROUP
 ENGINEERING | DESIGN | TECHNOLOGY

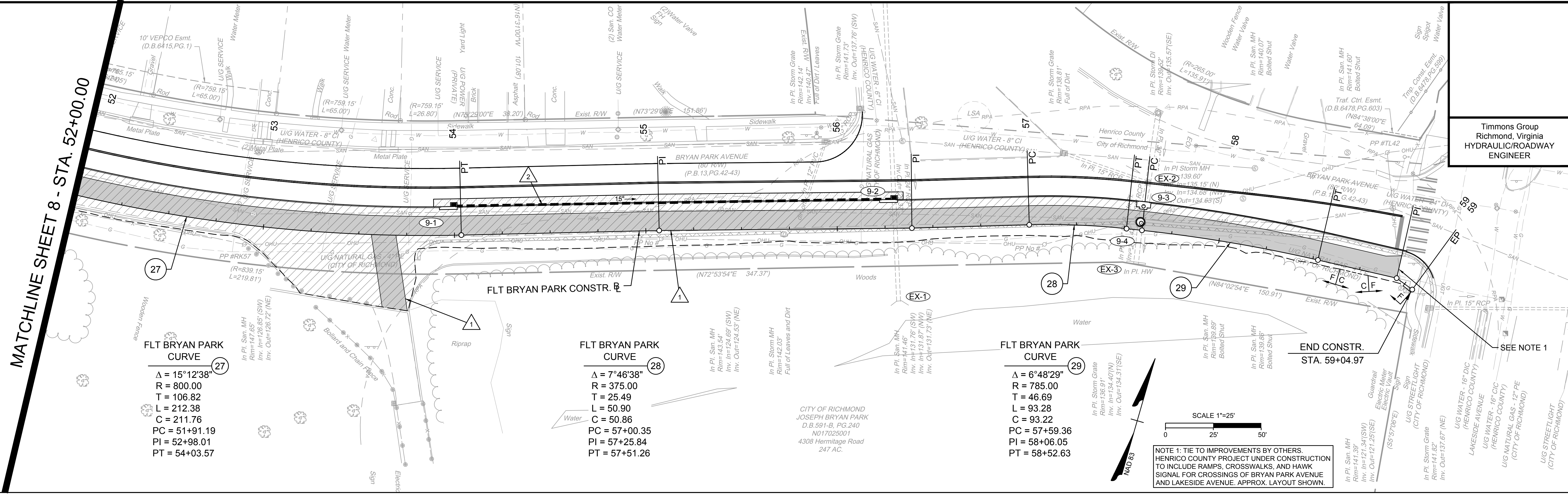
FALL LINE TRAIL - BRYAN PARK
PLAN & PROFILE SHEET

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25' VERT. 1" = 5'	DATE: 5/31/24	SHEET: 8	DRAWING NO.: N-29103
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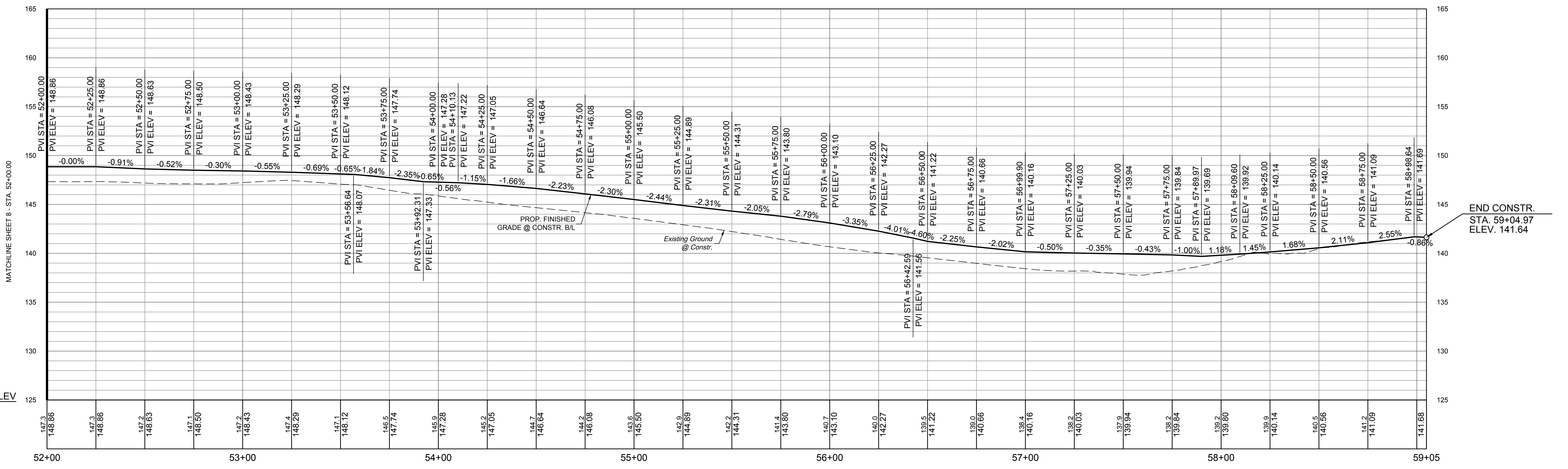
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SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCE
 DESIGNED BY: K. JENKINS

Timmons Group
 Richmond, Virginia
 HYDRAULIC/ROADWAY
 ENGINEER



NOTE 1: TIE TO IMPROVEMENTS BY OTHERS.
 HENRICO COUNTY PROJECT UNDER CONSTRUCTION
 TO INCLUDE RAMPS, CROSSWALKS, AND HAWK
 SIGNAL FOR CROSSINGS OF BRYAN PARK AVENUE
 AND LAKESIDE AVENUE. APPROX. LAYOUT SHOWN.



END CONSTR.
 STA. 59+04.97
 ELEV. 141.64

NOTES
 1. Lot dimensions in parentheses are from deed.
 2. Property owners correct as of 2024
 3. Ordinance Number N/A
 4. Adopted N/A
 5. Accepted N/A

KEY LEGEND
 1. PROP. 10' ASPHALT SHARED USE PATH REQ'D.
 2. PROP. CITY OF RICHMOND CURB REQ'D.
 3. PROP. DETECTABLE WARNING SURFACE REQ'D.
 4. PROP. FLEXIBLE POST BOLLARD

(FILL) (CUT)
 CONSTRUCTION LIMITS







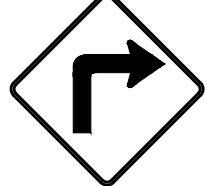
TIMMONS GROUP
 ENGINEERING | DESIGN | TECHNOLOGY

FALL LINE TRAIL - BRYAN PARK
PLAN & PROFILE SHEET

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25' VERT. 1" = 5'	DATE: 5/31/24	SHEET: 9	DRAWING NO.: N-29103
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SIGN SCHEDULE

TEXT NO.	SIGN ASSEMBLY NO(s).	TEXT	SIGN ASSEMBLY COMPONENTS			SIGN PANEL AREA (s.f.)		PROP. SIGN STRUCTURE STD.	REMARKS	
			MUTCD STD.	PANEL SIZE		QTY.	PER ASSEMBLY			ALL ASSEMBLIES
				W	H					
1	301		R1-1	18"	18"	1	2.25	2.25	2" 14 GA. STP-1 WITH TYPE A FOUNDATION 7' MOUNTING HEIGHT	
			W1-1L	18"	18"	1	2.25	2.25		
2	302, 601, 701		R1-1	18"	18"	3	2.25	6.75	2" 14 GA. STP-1 WITH TYPE A FOUNDATION 7' MOUNTING HEIGHT	
3	602, 702		R1-1	18"	18"	2	2.25	4.5	2" 14 GA. STP-1 WITH TYPE A FOUNDATION 7' MOUNTING HEIGHT	
			W1-1R	18"	18"	2	2.25	4.5		

FALL LINE TRAIL WAYFINDING SIGN
DETAIL TBD & PROVIDED BY DPR



TYPICAL PAVEMENT MARKING & FLEXIBLE POST / BOLLARD INSTALLATION
IMAGE FROM: BROOK ROAD, CITY OF RICHMOND

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

GENERAL NOTES

1. ALL SIGNING AND PAVEMENT MARKING WORK SHALL BE IN CONFORMANCE WITH THE FOLLOWING DOCUMENTS:
 - 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), REVISION 1 AND 2
 - 2011 VIRGINIA SUPPLEMENT TO THE 2009 MUTCD, REVISION 1
 - 2016 VDOT ROAD AND BRIDGE STANDARDS
 - 2020 VDOT ROAD AND BRIDGE SPECIFICATIONS
2. ALL EXISTING AND PROPOSED SIGN LOCATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR. ALL PROPOSED SIGN LOCATIONS SHALL BE STAKED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
3. PAVEMENT MARKINGS SHALL BE SPOTTED (USING CHALK OR APPROVED EQUAL) AND FIELD VERIFIED BY VDOT OR THE ENGINEER PRIOR TO APPLYING THE THERMOPLASTIC MARKINGS.
4. VDOT'S CENTRAL REGION OPERATIONS - TRAFFIC ENGINEERING SECTION WILL NEED TO BE CONTACTED 72 HOURS PRIOR TO ANY PAVEMENT MARKING ACTIVITIES AT (804) 624-6124. FAILURE TO DO SO CAN RESULT IN ADDITIONAL COSTS TO THE CONTRACTOR.
5. ALL PAVEMENT MARKINGS MUST HAVE A PERSON WITH A PAVEMENT MARKING CERTIFICATION ISSUED BY THE VDOT MATERIALS DIVISION ON SITE DURING PAVEMENT MARKING OPERATIONS.
6. FOR ALL PROPOSED AND RELOCATED SIGNS, THE BOTTOM OF SIGN HEIGHT MUST BE AT LEAST 7' ABOVE GROUND.
7. CONTRACTOR SHALL TIE ALL PROPOSED PAVEMENT MARKINGS TO EXISTING MARKINGS AT THE PROJECT LIMITS
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ERADICATION OF ALL EXISTING PAVEMENT MARKINGS WHICH ARE IN CONFLICT WITH PROPOSED STRIPING PLAN.
9. PROPOSED SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH VDOT STANDARDS.
10. ALL SIGNS SHALL BE ORIENTED AS SHOWN ON THE PLANS.
11. ALL STD STP-1 STRUCTURES SHALL BE SINGLE POST UNLESS OTHERWISE NOTED ON PLANS.
12. SIGN STRUCTURES SHALL BE INSTALLED PER THE NOTED SIGN ST'D.

NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

--LEGEND--



FALL LINE TRAIL - BRYAN PARK SIGN SCHEDULE AND PAVEMENT MARKING & SIGNAGE NOTES

REFERENCES

REVISIONS

DESIGN BY: A. SETTLEMAYER	REVIEWED BY:	FIELD NOTES FB-XX, pp XX-XX	SCALE HORIZ. N/A VERT. N/A	DATE 5/31/24	SHEET 10(1)	DRAWING NO. N-29103
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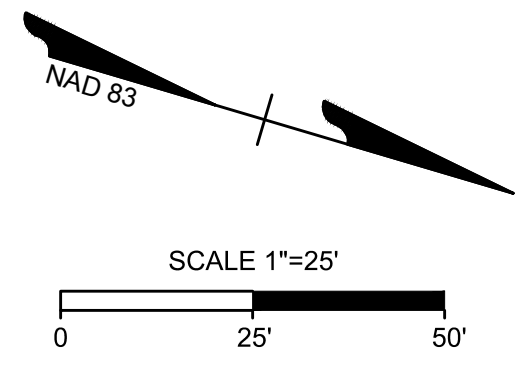
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SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: A. SETTLEMAYER

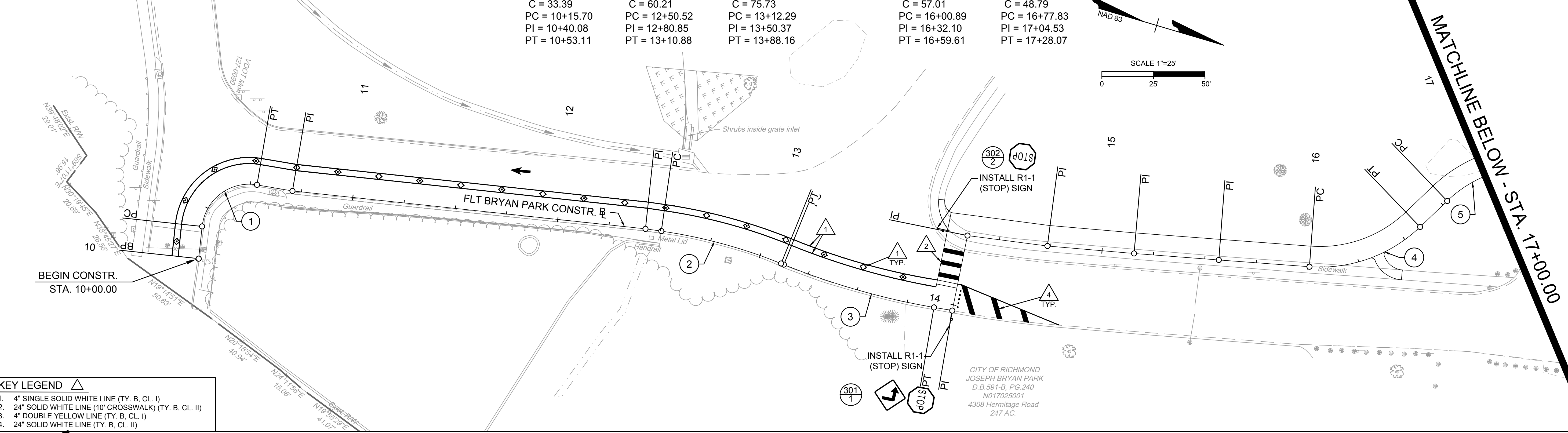
PROP. GROUND MOUNTED SIGN STRUCTURE		SIGN ASSEMBLY NO. TEXT NO.
EX. GROUND MOUNTED SIGN STRUCTURE		PROP. SIGN PANEL

CITY OF RICHMOND
JOSEPH BRYAN PARK
D.B.591-B, PG.240
N017025001
4308 Hermitage Road
247 AC.

FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE
1 $\Delta = 93^{\circ}34'16''$ R = 22.91 T = 24.38 L = 37.41 C = 33.39 PC = 10+15.70 PI = 10+40.08 PT = 10+53.11	2 $\Delta = 13^{\circ}49'56''$ R = 250.00 T = 30.32 L = 60.35 C = 60.21 PC = 12+50.52 PI = 12+80.85 PT = 13+10.88	3 $\Delta = 12^{\circ}14'44''$ R = 355.00 T = 38.08 L = 75.87 C = 75.73 PC = 13+12.29 PI = 13+50.37 PT = 13+88.16	4 $\Delta = 48^{\circ}03'33''$ R = 70.00 T = 31.21 L = 58.72 C = 57.01 PC = 16+00.89 PI = 16+32.10 PT = 16+59.61	5 $\Delta = 47^{\circ}58'53''$ R = 60.00 T = 26.70 L = 50.25 C = 48.79 PC = 16+77.83 PI = 17+04.53 PT = 17+28.07



Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

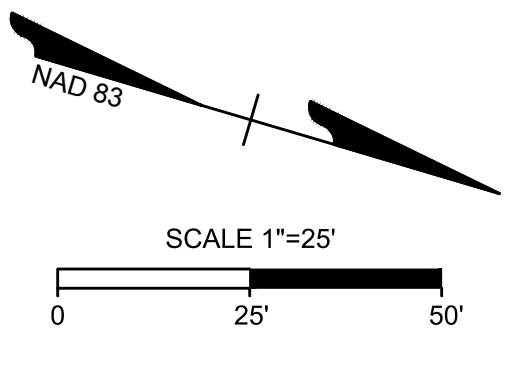


KEY LEGEND

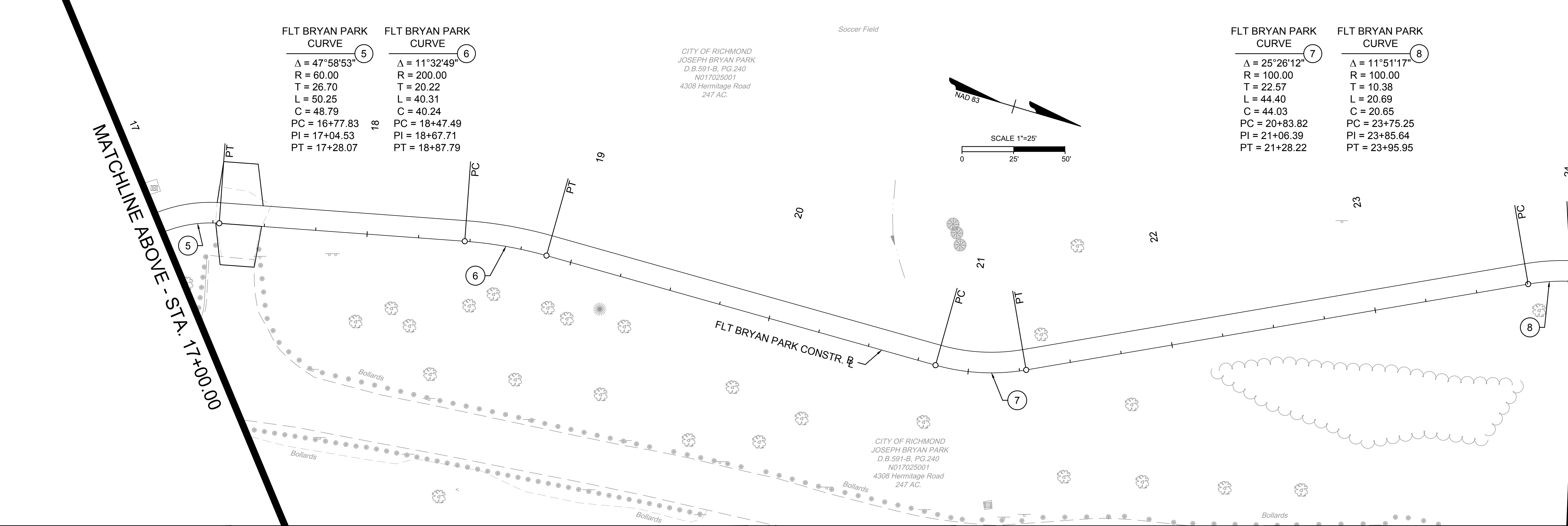
1. 4" SINGLE SOLID WHITE LINE (TY, B, CL, I)	
2. 24" SOLID WHITE LINE (10' CROSSWALK) (TY, B, CL, II)	
3. 4" DOUBLE YELLOW LINE (TY, B, CL, I)	
4. 24" SOLID WHITE LINE (TY, B, CL, II)	

FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE
5 $\Delta = 47^{\circ}58'53''$ R = 60.00 T = 26.70 L = 50.25 C = 48.79 PC = 16+77.83 PI = 17+04.53 PT = 17+28.07	6 $\Delta = 11^{\circ}32'49''$ R = 200.00 T = 20.22 L = 40.31 C = 40.24 PC = 18+47.49 PI = 18+67.71 PT = 18+87.79

CITY OF RICHMOND
JOSEPH BRYAN PARK
D.B.591-B, PG.240
N017025001
4308 Hermitage Road
247 AC.



FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE
7 $\Delta = 25^{\circ}26'12''$ R = 100.00 T = 22.57 L = 44.40 C = 44.03 PC = 20+83.82 PI = 21+06.39 PT = 21+28.22	8 $\Delta = 11^{\circ}51'17''$ R = 100.00 T = 10.38 L = 20.69 C = 20.65 PC = 23+75.25 PI = 23+85.64 PT = 23+95.95



NOTES

- Lot dimensions in parentheses are from deed.
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- Ordinance Number N/A
- Adopted N/A
- Accepted N/A

REFERENCES

REVISIONS	
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FALL LINE TRAIL - BRYAN PARK
PAVEMENT MARKING & SIGNAGE
SHEETS

DESIGN BY: A. SEITZMEYER	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25' VERT. N/A	DATE: 5/31/24	SHEET: 10(3)	DRAWING NO.: N-29103
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SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: A. SEITZMEYER

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Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

MATCHLINE SHEET 10(3) - STA. 24+00.00

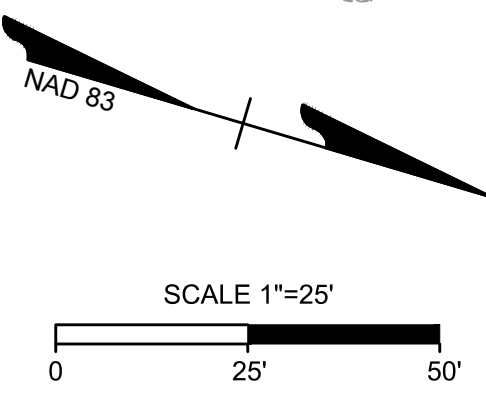
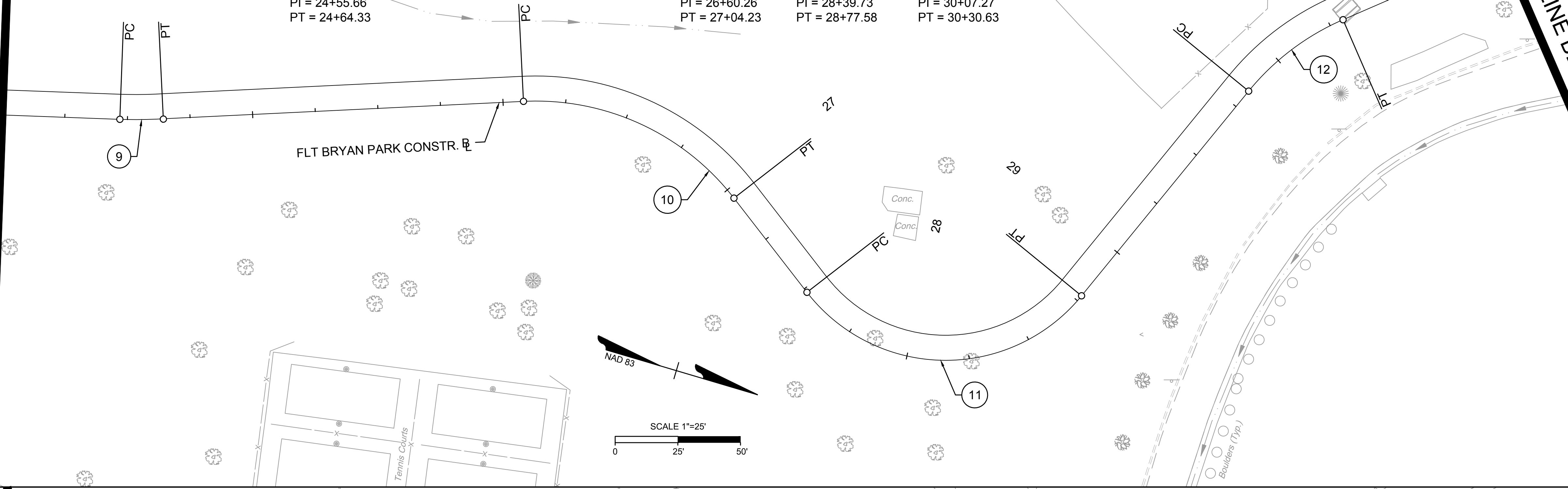
MATCHLINE BELOW - STA. 31+00.00

FLT BRYAN PARK
CURVE 9
 $\Delta = 4^{\circ}58'27''$
 $R = 200.00$
 $T = 8.69$
 $L = 17.36$
 $C = 17.36$
 $PC = 24+46.97$
 $PI = 24+55.66$
 $PT = 24+64.33$

FLT BRYAN PARK
CURVE 10
 $\Delta = 55^{\circ}02'31''$
 $R = 100.00$
 $T = 52.10$
 $L = 96.07$
 $C = 92.41$
 $PC = 26+08.16$
 $PI = 26+60.26$
 $PT = 27+04.23$

FLT BRYAN PARK
CURVE 11
 $\Delta = 102^{\circ}59'13''$
 $R = 70.00$
 $T = 87.98$
 $L = 125.82$
 $C = 109.56$
 $PC = 27+51.75$
 $PI = 28+39.73$
 $PT = 28+77.58$

FLT BRYAN PARK
CURVE 12
 $\Delta = 27^{\circ}18'24''$
 $R = 100.00$
 $T = 24.29$
 $L = 47.66$
 $C = 47.21$
 $PC = 29+82.97$
 $PI = 30+07.27$
 $PT = 30+30.63$



MATCHLINE ABOVE - STA. 31+00.00

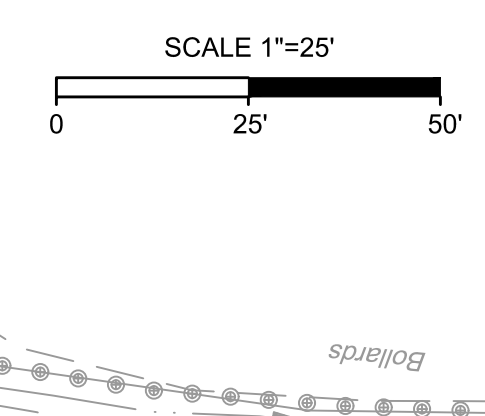
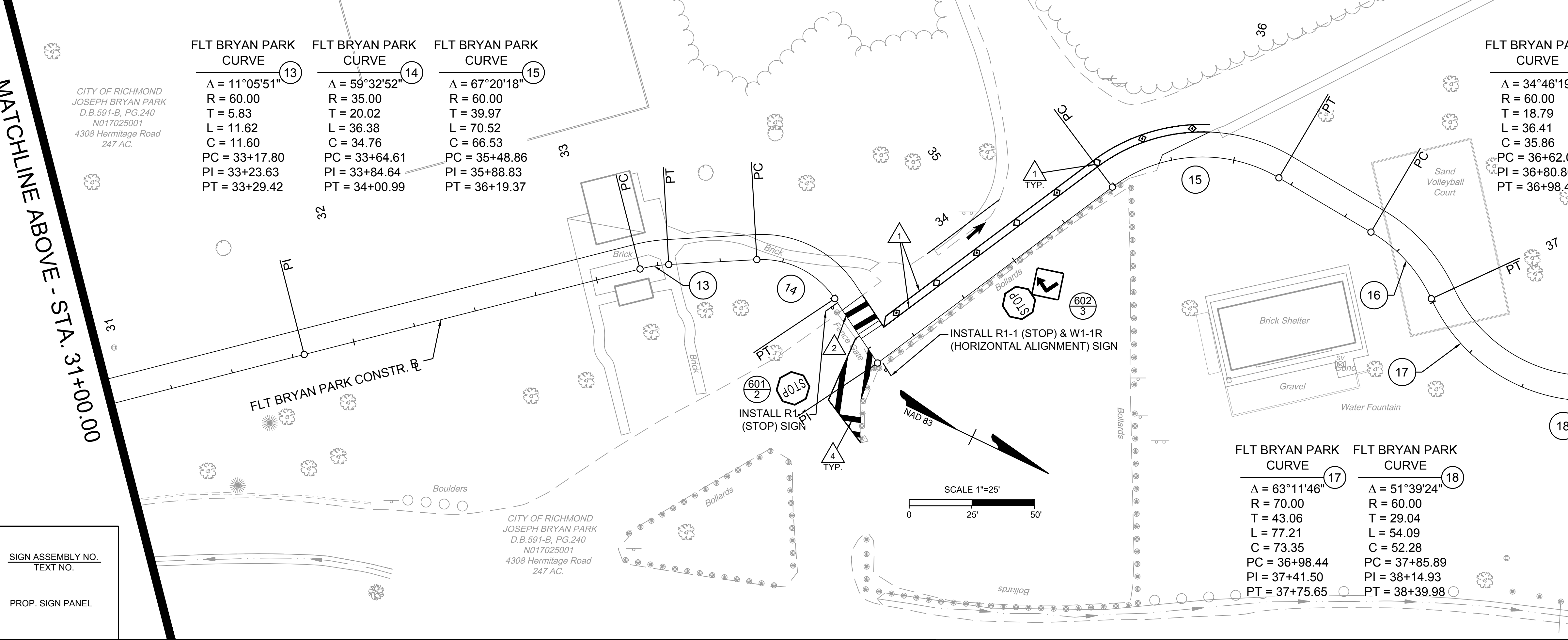
MATCHLINE SHEET 10(5) - STA. 38+00.00

FLT BRYAN PARK
CURVE 13
 $\Delta = 11^{\circ}05'51''$
 $R = 60.00$
 $T = 5.83$
 $L = 11.62$
 $C = 11.60$
 $PC = 33+17.80$
 $PI = 33+23.63$
 $PT = 33+29.42$

FLT BRYAN PARK
CURVE 14
 $\Delta = 59^{\circ}32'52''$
 $R = 35.00$
 $T = 20.02$
 $L = 36.38$
 $C = 34.76$
 $PC = 33+64.61$
 $PI = 33+84.64$
 $PT = 34+00.99$

FLT BRYAN PARK
CURVE 15
 $\Delta = 67^{\circ}20'18''$
 $R = 60.00$
 $T = 39.97$
 $L = 70.52$
 $C = 66.53$
 $PC = 35+48.86$
 $PI = 35+88.83$
 $PT = 36+19.37$

FLT BRYAN PARK
CURVE 16
 $\Delta = 34^{\circ}46'19''$
 $R = 60.00$
 $T = 18.79$
 $L = 36.41$
 $C = 35.86$
 $PC = 36+62.01$
 $PI = 36+80.80$
 $PT = 36+98.42$



	PROP. GROUND MOUNTED SIGN STRUCTURE		SIGN ASSEMBLY NO. 100
	EX. GROUND MOUNTED SIGN STRUCTURE		PROP. SIGN PANEL

KEY LEGEND

- 4" SINGLE SOLID WHITE LINE (TY. B. CL. I)
- 24" SOLID WHITE LINE (10' CROSSWALK) (TY. B. CL. II)
- 4" DOUBLE YELLOW LINE (TY. B. CL. I)
- 24" SOLID WHITE LINE (TY. B. CL. II)

NOTES

- Lot dimensions in parentheses are from deed.
- Property owners correct as of _____, 2024
- Ordinance Number N/A
- Adopted N/A
- Accepted N/A

REFERENCES

REVISIONS

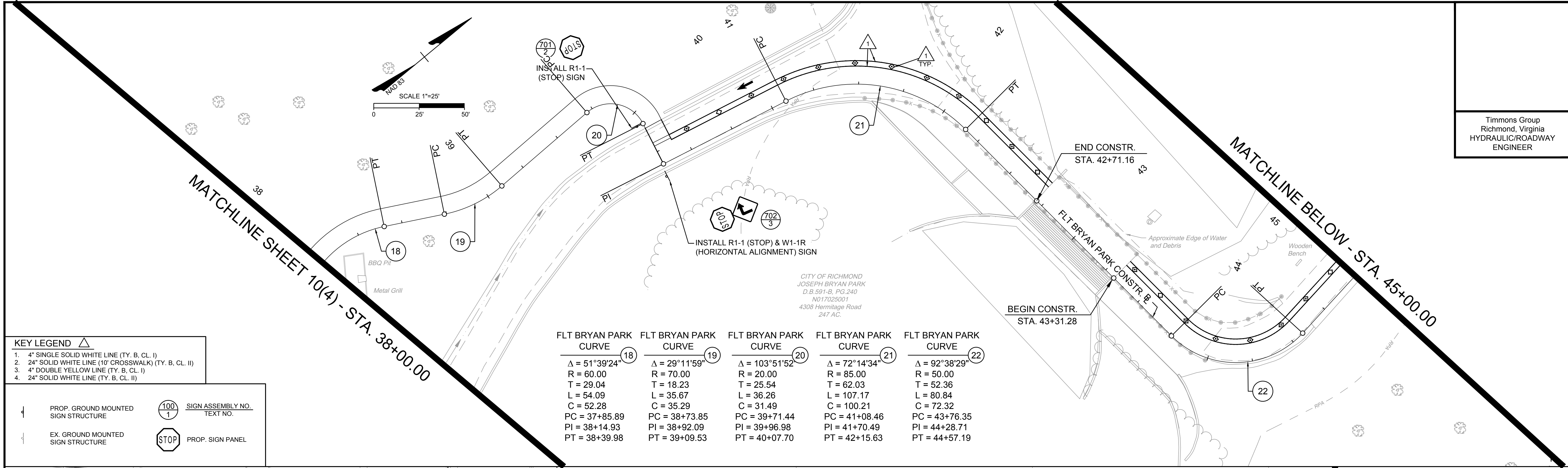


FALL LINE TRAIL - BRYAN PARK PAVEMENT MARKING & SIGNAGE SHEETS		DESIGN BY: A. SETTLEMAYER	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25'	DATE: 5/31/24	SHEET: 10(4)	DRAWING NO.: N-29103
		DRAWN BY: A. SETTLEMAYER	CHECKED BY: N. SOUCIE		VERT. N/A			

SURVEYED BY:
SUPERVISED BY:
DESIGNED BY:

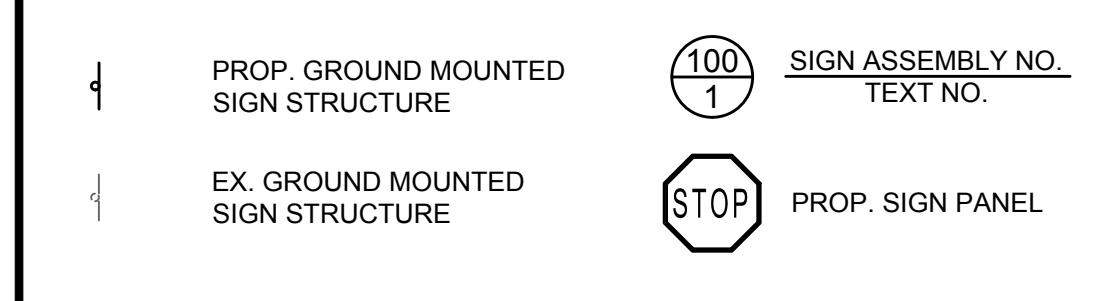
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Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

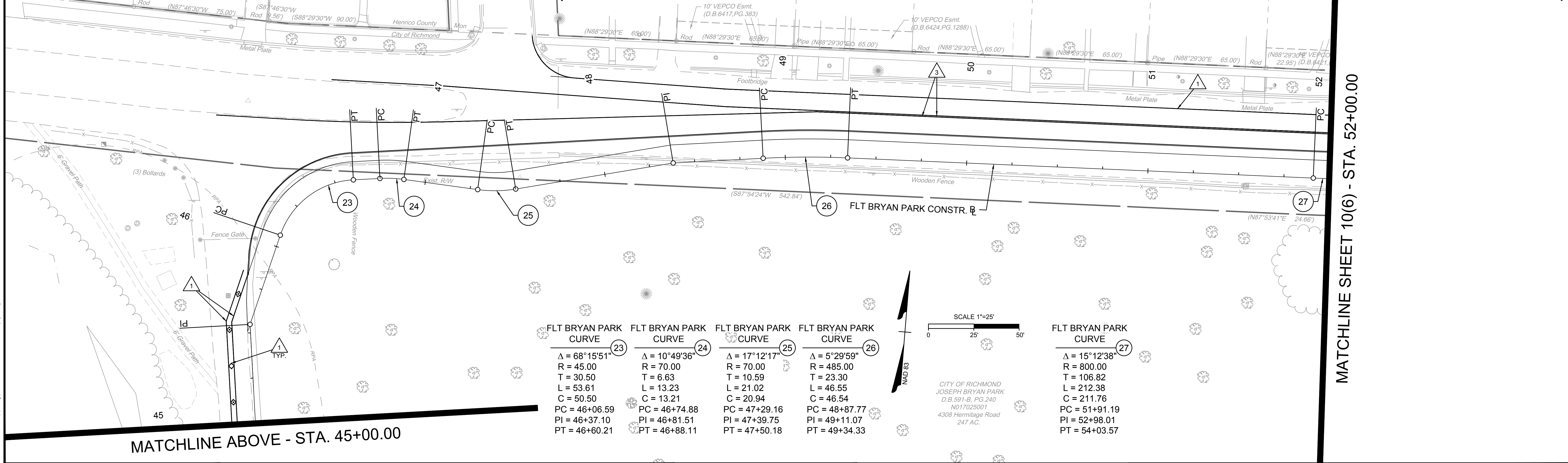


KEY LEGEND Δ

- 4" SINGLE SOLID WHITE LINE (TY. B. CL. I)
- 24" SOLID WHITE LINE (10' CROSSWALK) (TY. B. CL. II)
- 4" DOUBLE YELLOW LINE (TY. B. CL. I)
- 24" SOLID WHITE LINE (TY. B. CL. II)



FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE
18	19	20	21	22
$\Delta = 51^{\circ}39'24"$	$\Delta = 29^{\circ}11'59"$	$\Delta = 103^{\circ}51'52"$	$\Delta = 72^{\circ}14'34"$	$\Delta = 92^{\circ}38'29"$
R = 60.00	R = 70.00	R = 20.00	R = 85.00	R = 50.00
T = 29.04	T = 18.23	T = 25.54	T = 62.03	T = 52.36
L = 54.09	L = 35.67	L = 36.26	L = 107.17	L = 80.84
C = 52.28	C = 35.29	C = 31.49	C = 100.21	C = 72.32
PC = 37+85.89	PC = 38+73.85	PC = 39+71.44	PC = 41+08.46	PC = 43+76.35
PI = 38+14.93	PI = 38+92.09	PI = 39+96.98	PI = 41+70.49	PI = 44+28.71
PT = 38+39.98	PT = 39+09.53	PT = 40+07.70	PT = 42+15.63	PT = 44+57.19



FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE	FLT BRYAN PARK CURVE
23	24	25	26	27
$\Delta = 68^{\circ}15'51"$	$\Delta = 10^{\circ}49'36"$	$\Delta = 17^{\circ}12'17"$	$\Delta = 5^{\circ}29'59"$	$\Delta = 15^{\circ}12'38"$
R = 45.00	R = 70.00	R = 70.00	R = 485.00	R = 800.00
T = 30.50	T = 6.63	T = 10.59	T = 23.30	T = 106.82
L = 53.61	L = 13.23	L = 21.02	L = 46.55	L = 212.38
C = 50.50	C = 13.21	C = 20.94	C = 46.54	C = 211.76
PC = 46+06.59	PC = 46+74.88	PC = 47+29.16	PC = 48+87.77	PC = 51+91.19
PI = 46+37.10	PI = 46+81.51	PI = 47+39.75	PI = 49+11.07	PI = 52+98.01
PT = 46+60.21	PT = 46+88.11	PT = 47+50.18	PT = 49+34.33	PT = 54+03.57

NOTES

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- Ordinance Number N/A
- Adopted N/A
- Accepted N/A

REFERENCES

REFERENCES	REVISIONS



FALL LINE TRAIL - BRYAN PARK
PAVEMENT MARKING & SIGNAGE SHEETS

DESIGN BY: A. SETTLEMAYER	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25'	DATE: 5/31/24	SHEET: 10(5)	DRAWING NO.: N-29103
DRAWN BY: A. SETTLEMAYER	CHECKED BY: N. SOUCIE		VERT. N/A			

SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: A. SETTLEMAYER

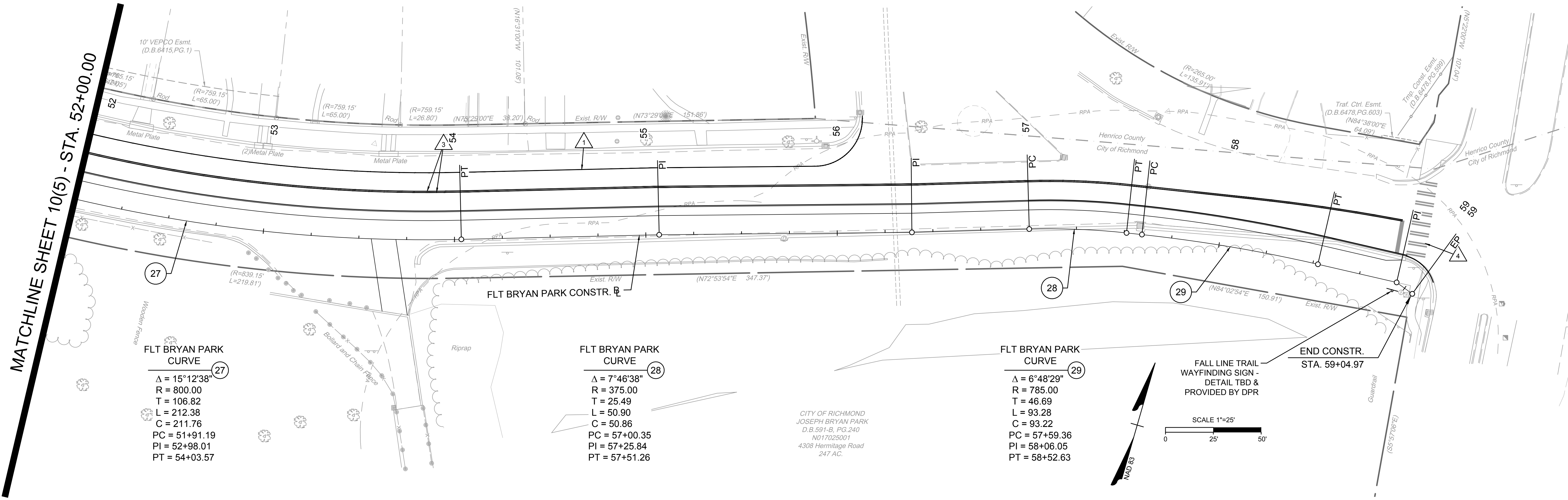
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PROP. GROUND MOUNTED SIGN STRUCTURE EX. GROUND MOUNTED SIGN STRUCTURE	SIGN ASSEMBLY NO. 100/1 TEXT NO. PROP. SIGN PANEL
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KEY LEGEND

- 4" SINGLE SOLID WHITE LINE (TY. B. CL. I)
- 24" SOLID WHITE LINE (10' CROSSWALK) (TY. B. CL. II)
- 4" DOUBLE YELLOW LINE (TY. B. CL. I)
- 24" SOLID WHITE LINE (TY. B. CL. II)

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER



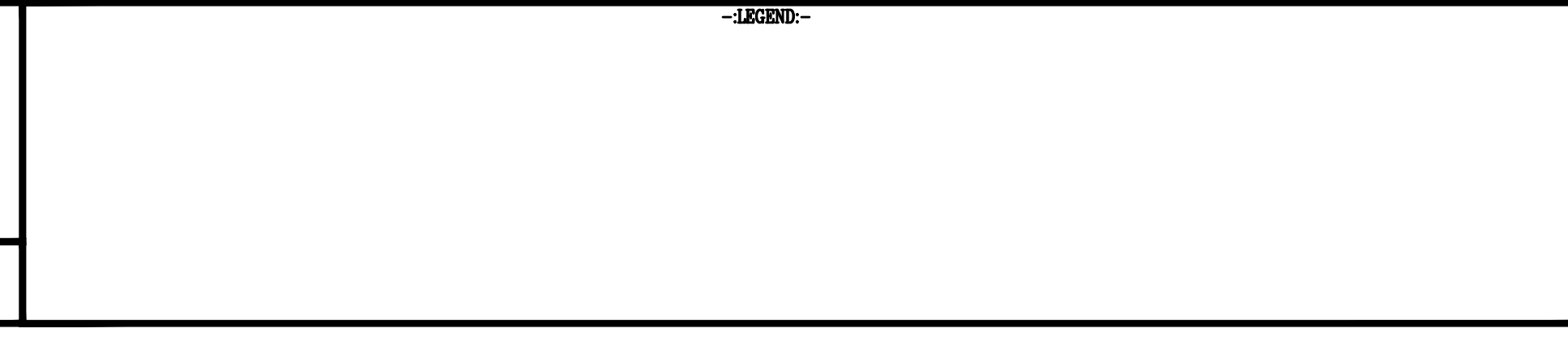
SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: A. SETTLEMAYER

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NOTES

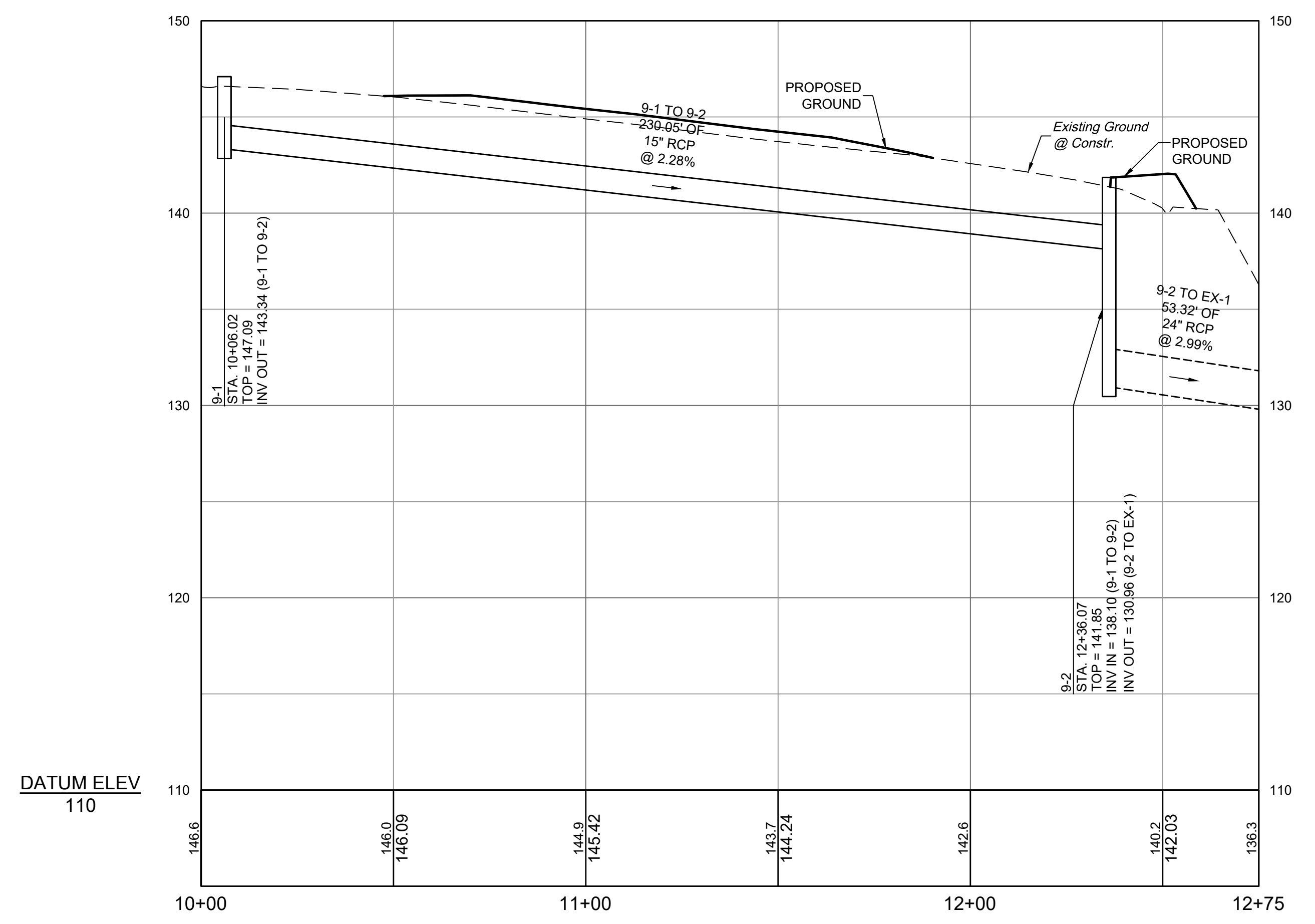
- Lot dimensions in parentheses are from deed.
- Property owners correct as of _____, 2024
- Ordinance Number N/A
- Adopted N/A
- Accepted N/A

REFERENCES	REVISIONS



FALL LINE TRAIL - BRYAN PARK PAVEMENT MARKING & SIGNAGE SHEETS		DESIGN BY: A. SETTLEMAYER	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1" = 25' VERT. N/A	DATE: 5/31/24	SHEET: 10(6)	DRAWING NO.: N-29103
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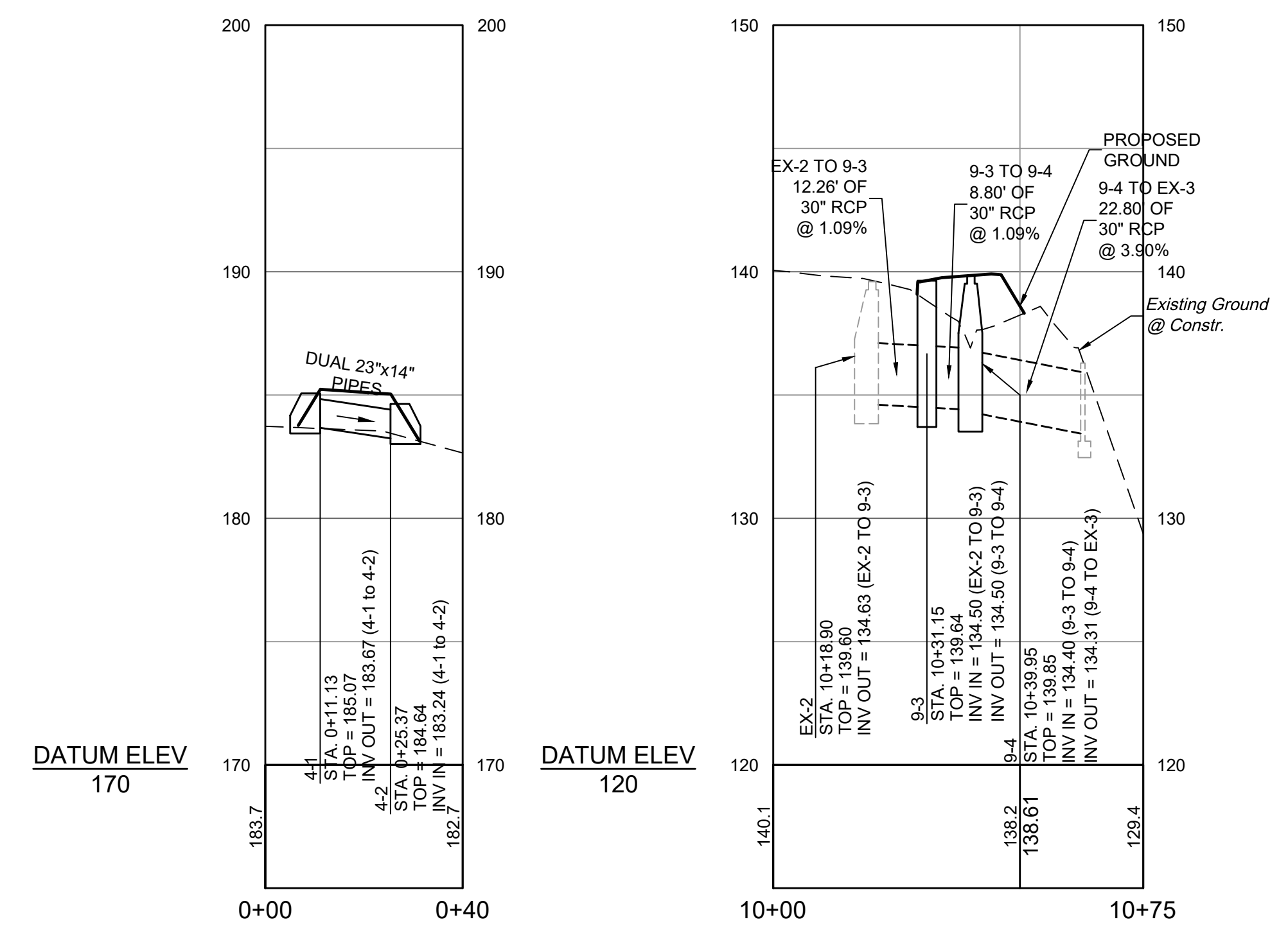
9-1 TO EX-1



DRAINAGE DESCRIPTIONS

- 4-1 2 STD. 23"x14" ES-1A STRUCTURES REQ'D.
INV. = 183.67'
- 4-1 4-2 15' - 23"x14" DUAL ELLIPTICAL STORM SEWER PIPE REQ'D.
INV.(IN) = 183.67', INV.(OUT) = 183.24'
COVER = 6" & VAR.
- 4-2 2 STD. 23"x14" ES-1A STRUCTURES REQ'D.
INV. = 183.24'
12 TONS OF EC-1, CLASS I REQ'D.
- 9-1 1 STD. DI-2B (L=8') REQ'D.
H = 3.8', INV. = 143.34'
- 9-1 9-2 231' - 15" STORM SEWER PIPE REQ'D.
INV.(IN) = 143.34', INV.(OUT) = 138.10'
COVER = 3' & VAR.
- 9-2 1 STD. DI-2BB (L=8') REQ'D.
H = 10.9', INV. = 130.96'
STD. ST-1 REQ'D., STD IS-1 REQ'D.
- 9-3 1 STD. DI-3C (L=6') REQ'D.
H = 5.4', INV. = 134.20'
STD. ST-1 REQ'D., STD IS-1 REQ'D.
CONVERT EX. STRUCTURE
5.2 LF MH-1 OR 2 REQ'D.
INV. = 134.02'
STD MH-1 FRAME AND COVER REQ'D.

4-1 TO 4-2 EX-2 TO EX-3



SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: A. SETTLEMAYER

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NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

LEGEND

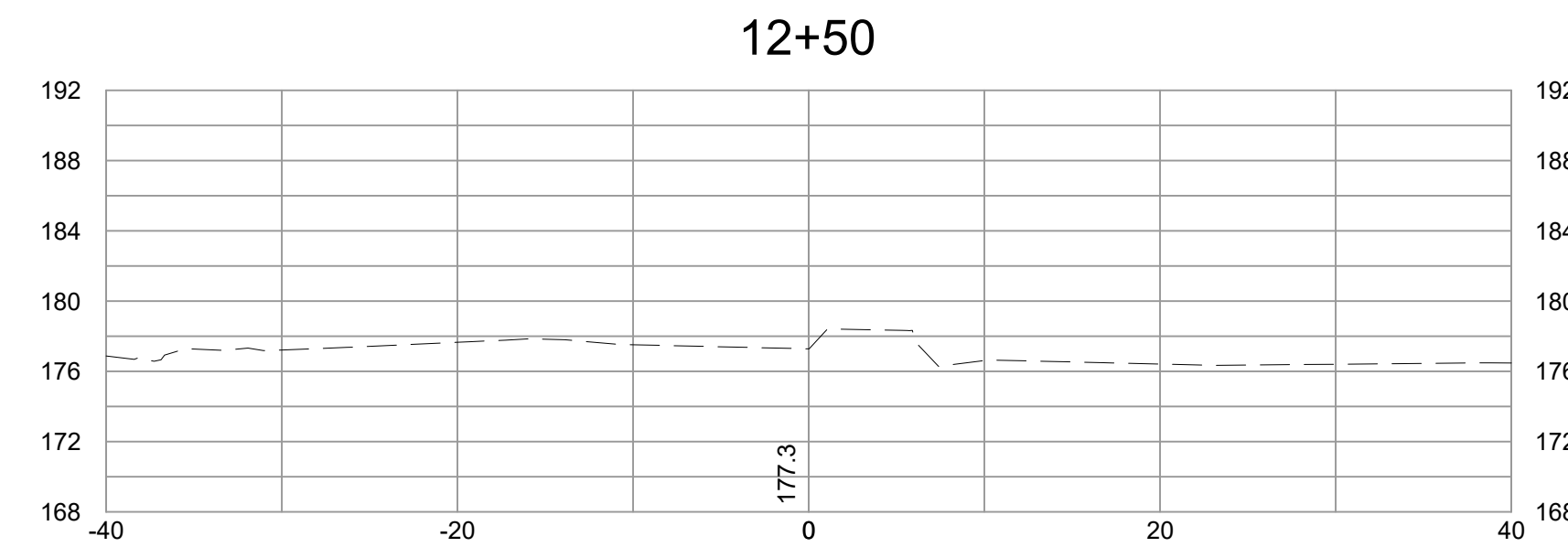
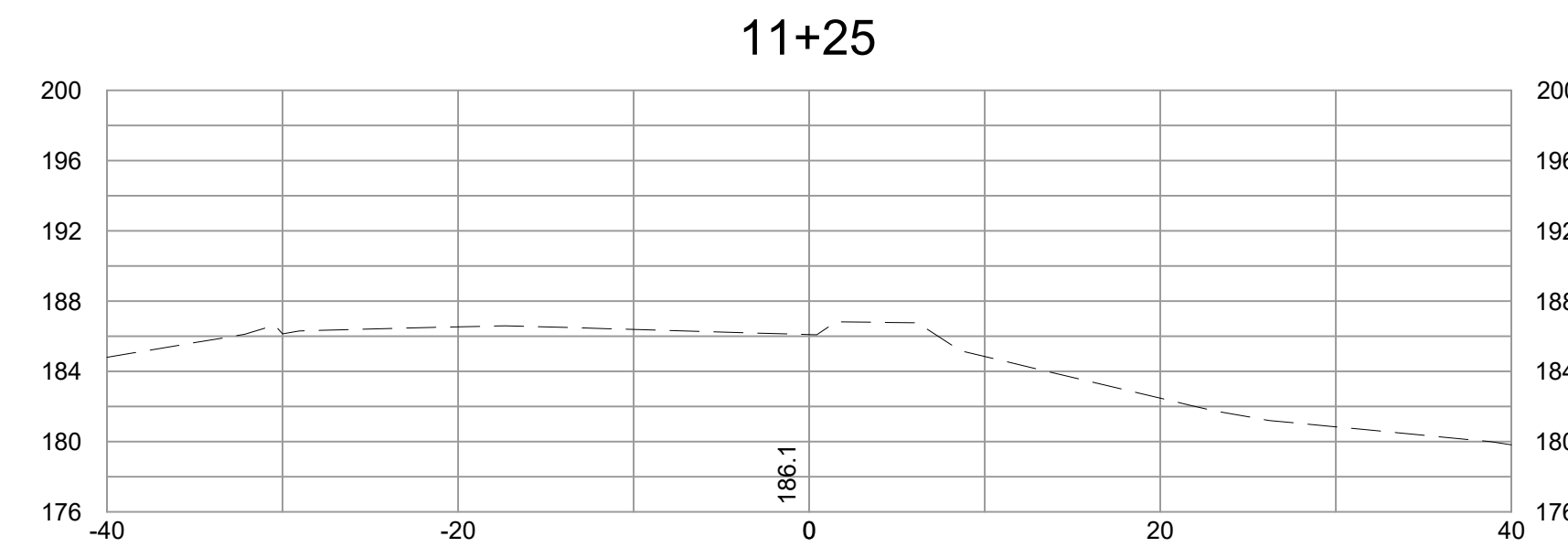
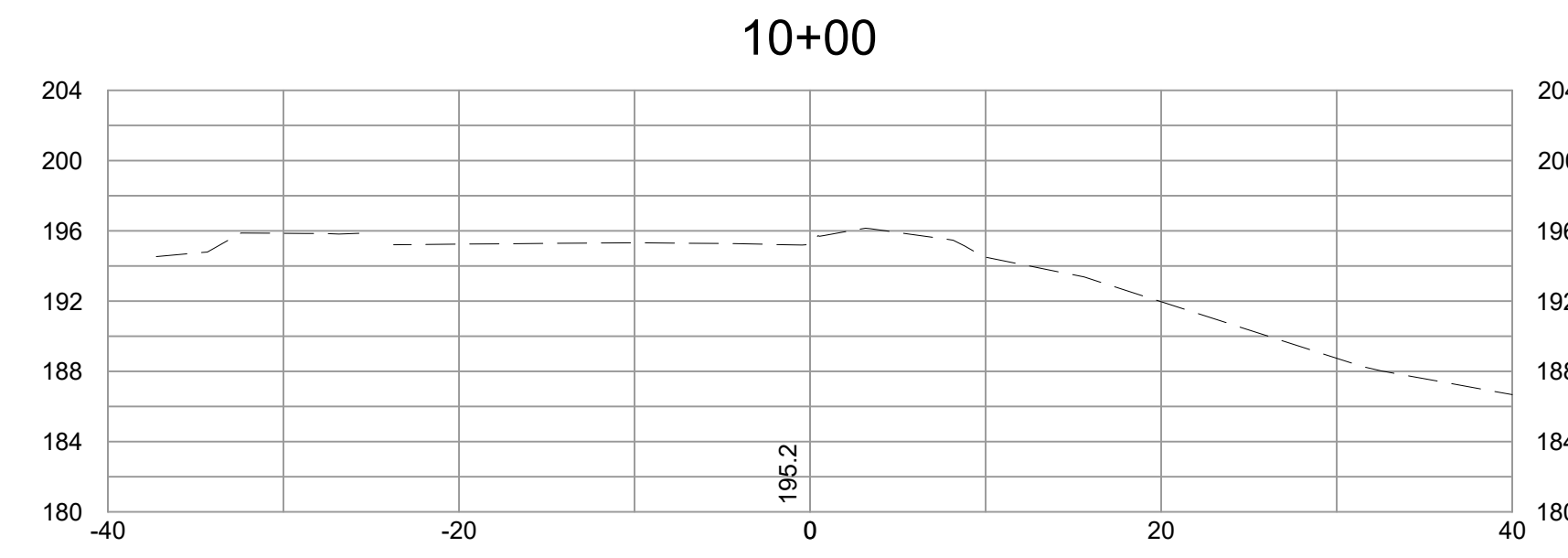
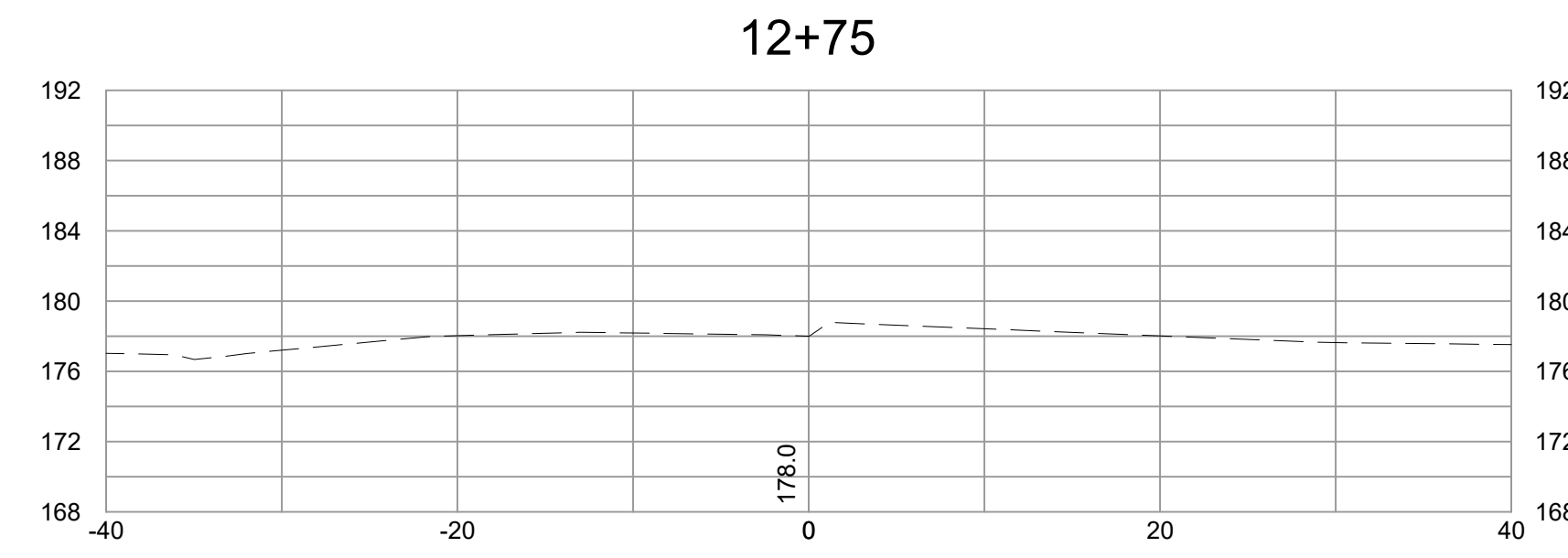
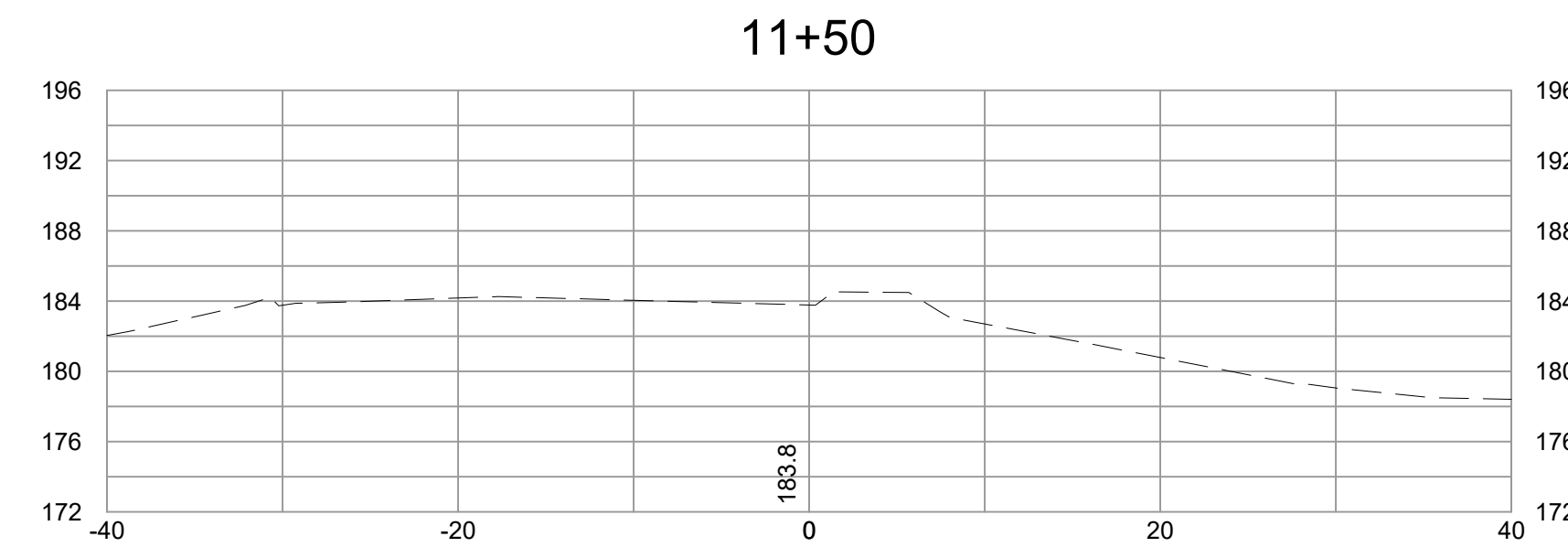
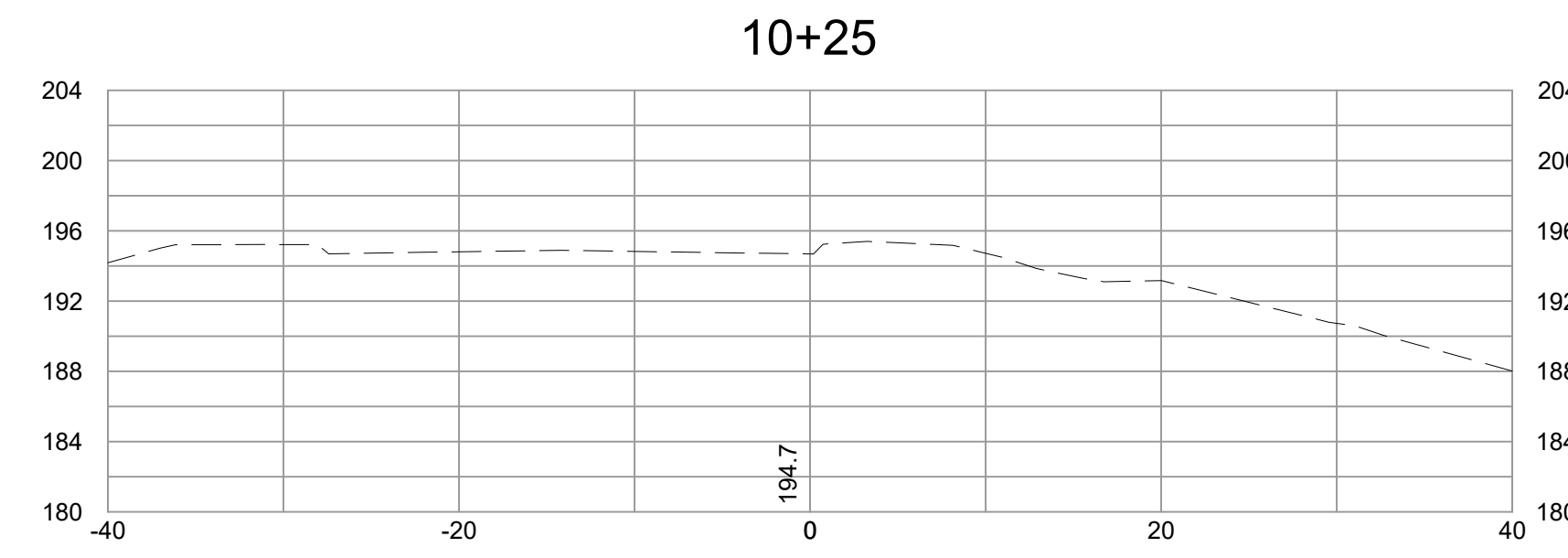
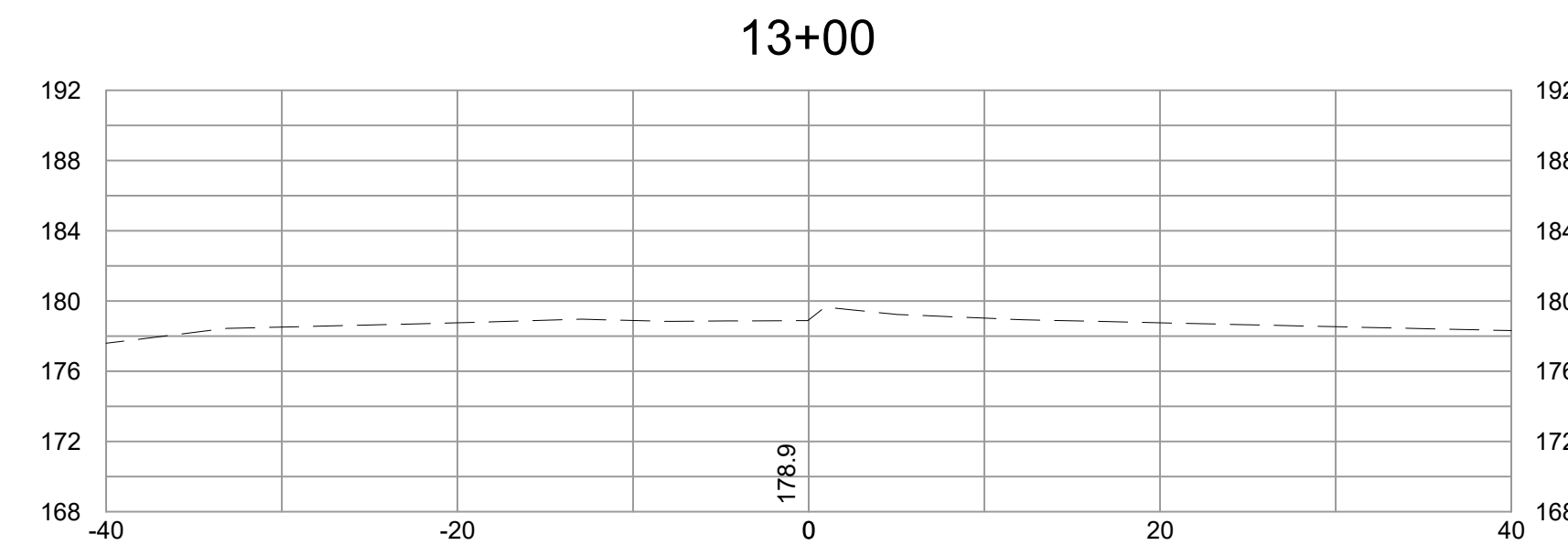
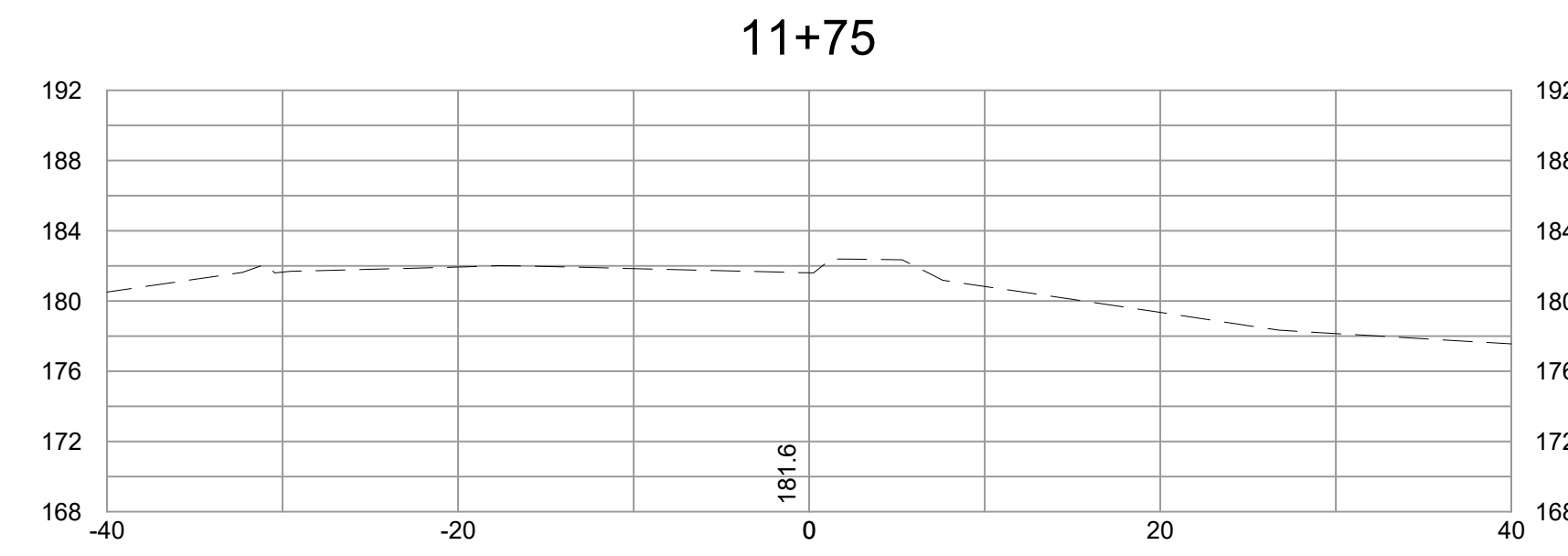
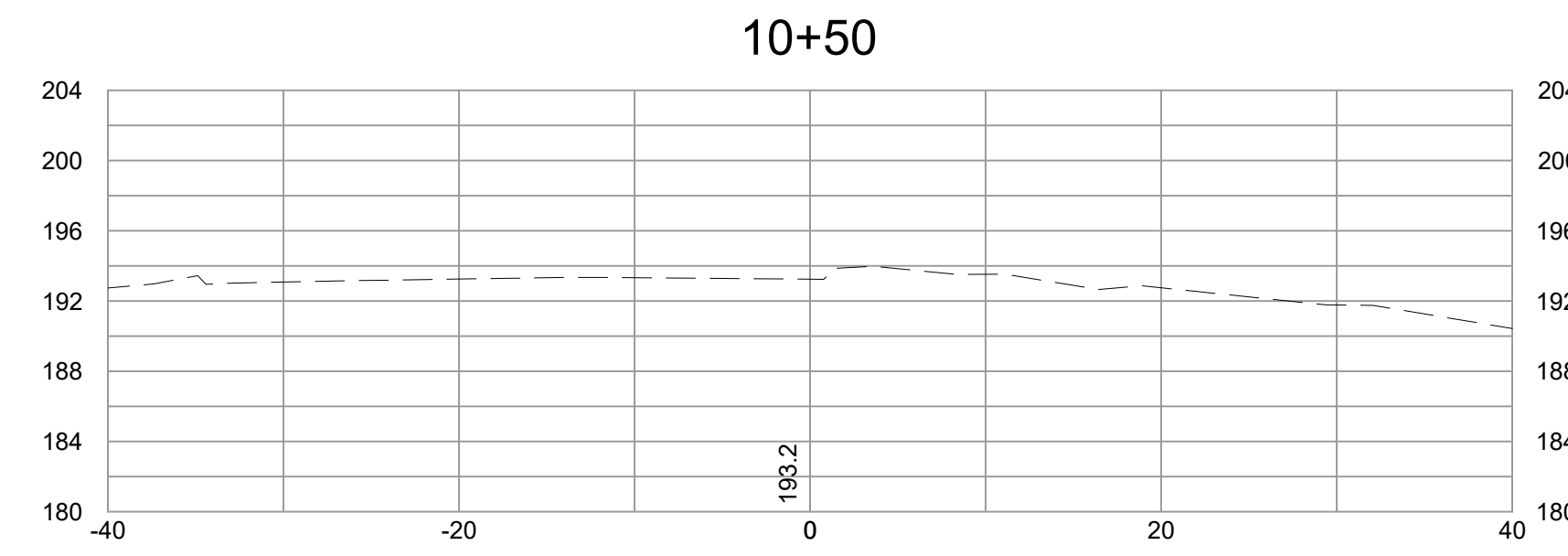
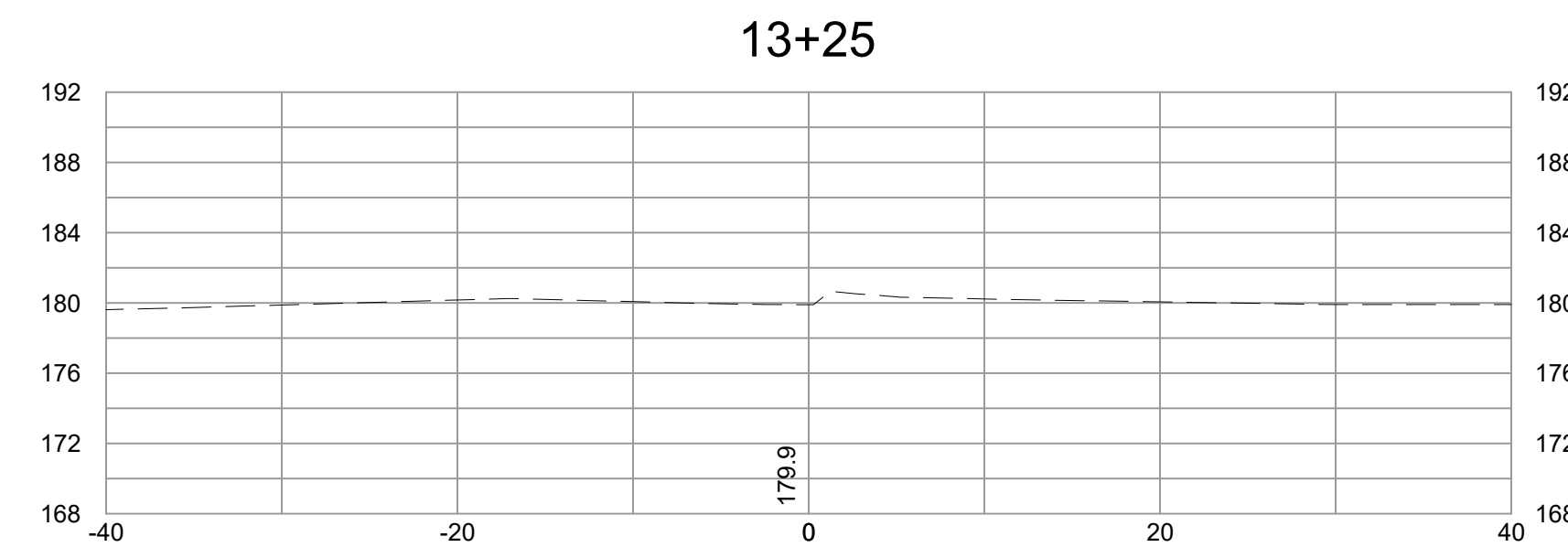
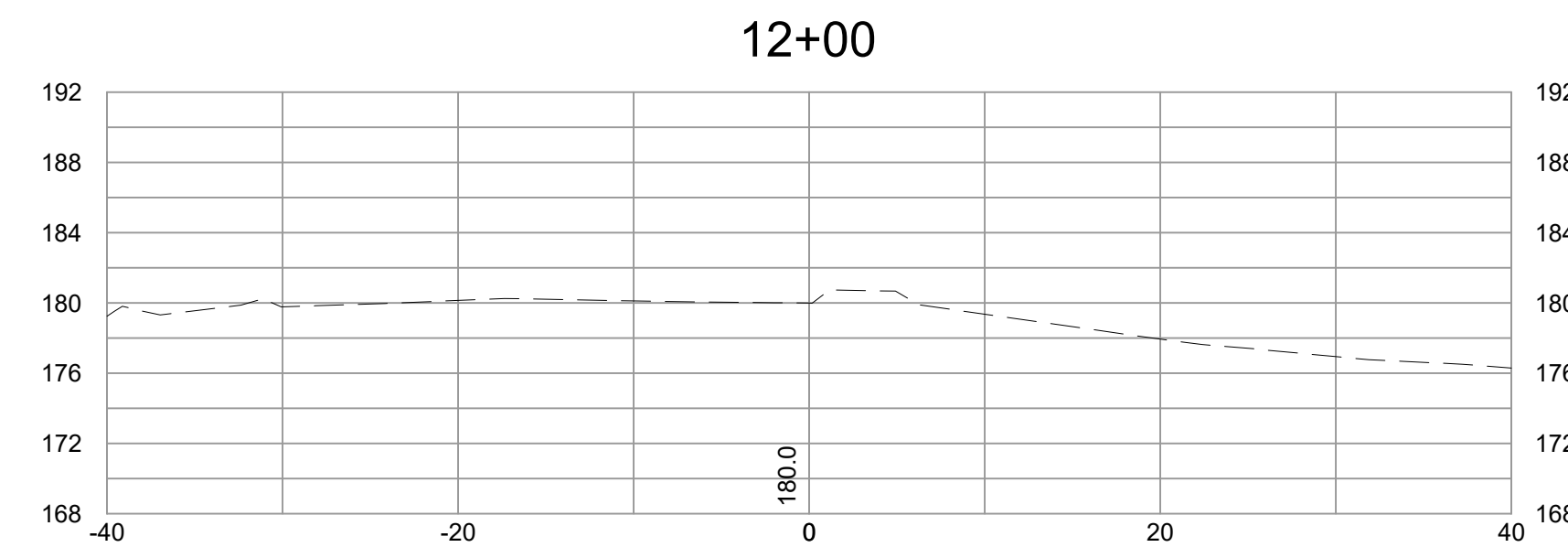
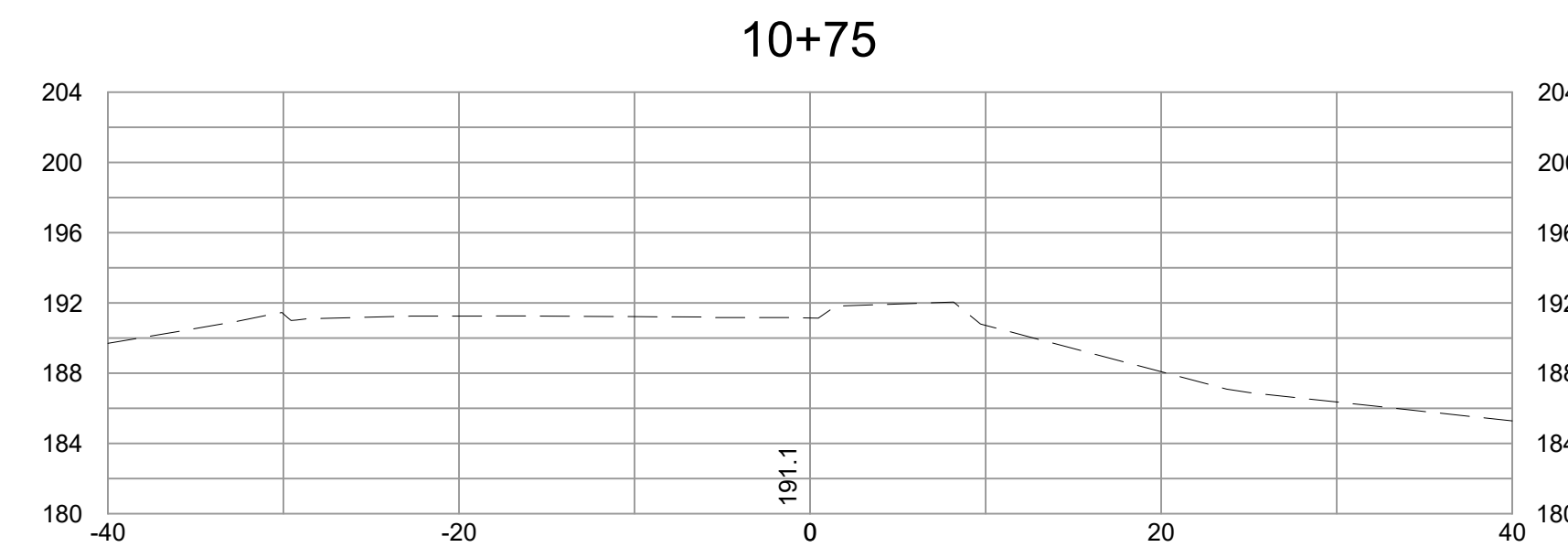
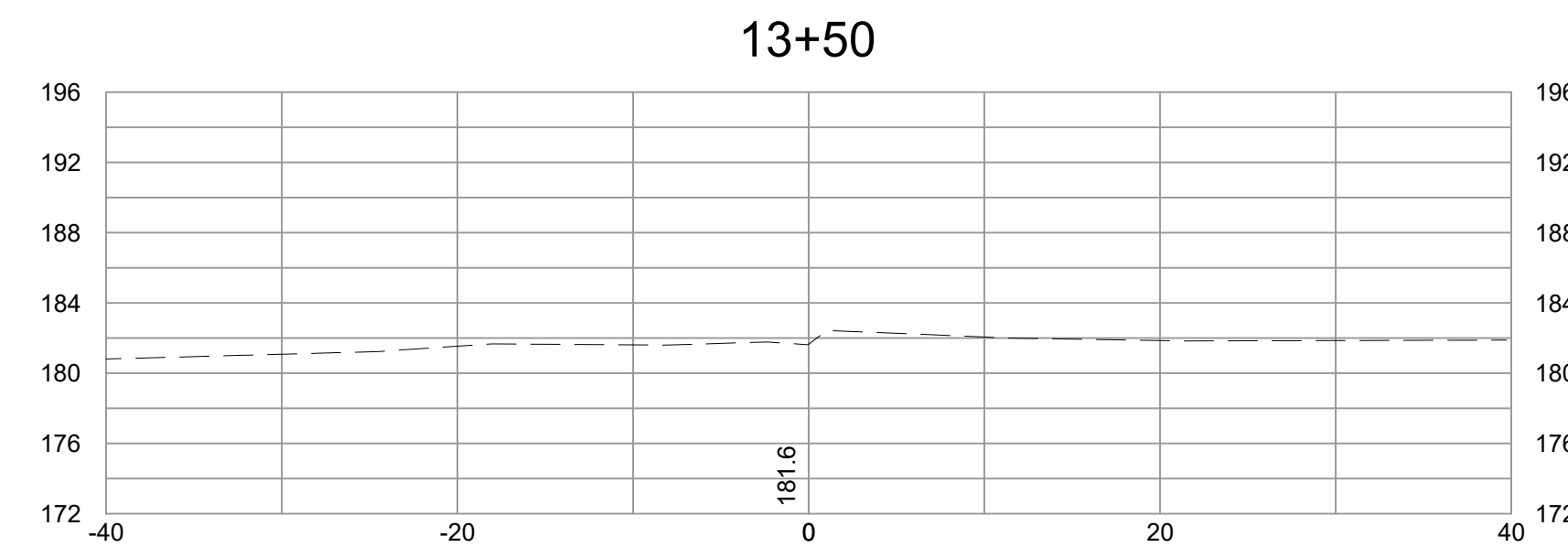
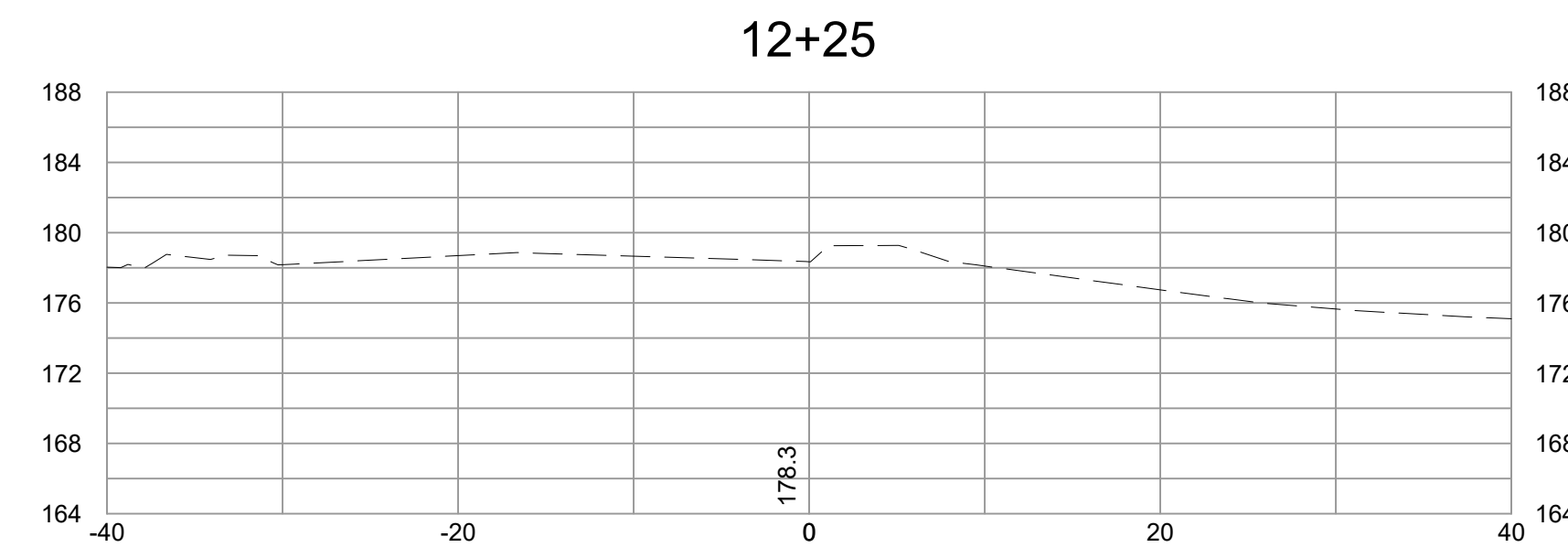
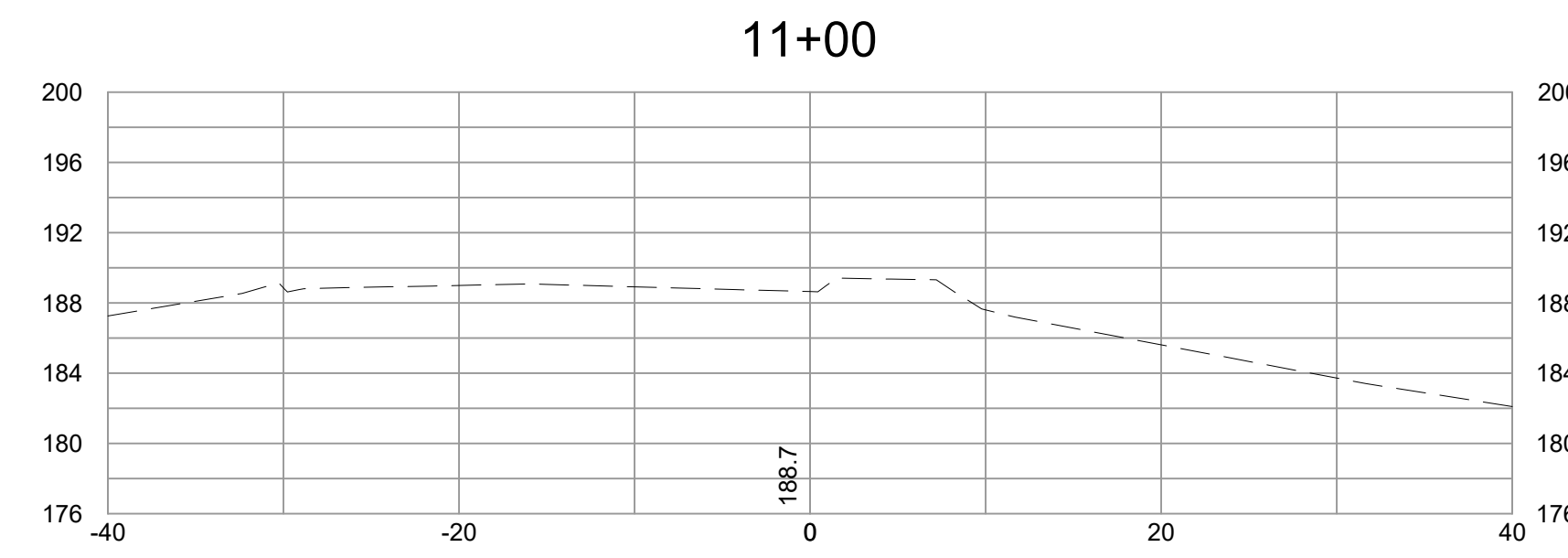
REFERENCES	REVISIONS



FALL LINE TRAIL - BRYAN PARK DRAINAGE DESCRIPTIONS & STORM SEWER PROFILES

DESIGN BY: A. SETTLEMAYER	REVIEWED BY:	FIELD NOTES FB-XX, pp XX-XX	SCALE HORIZ. 1" = 25' VERT. 1" = 5'	DATE 5/31/24	SHEET 11(1)	DRAWING NO. N-29103
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Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER



SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: K. JENKINS

L:\2024\783-FL-FallLineTrail\DWG\Sheet\CD\65783-2024-XS01.dwg | Plotted on 5/31/2024 5:42 PM | by Kaitlyn Jenkins

NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

---LEGEND---

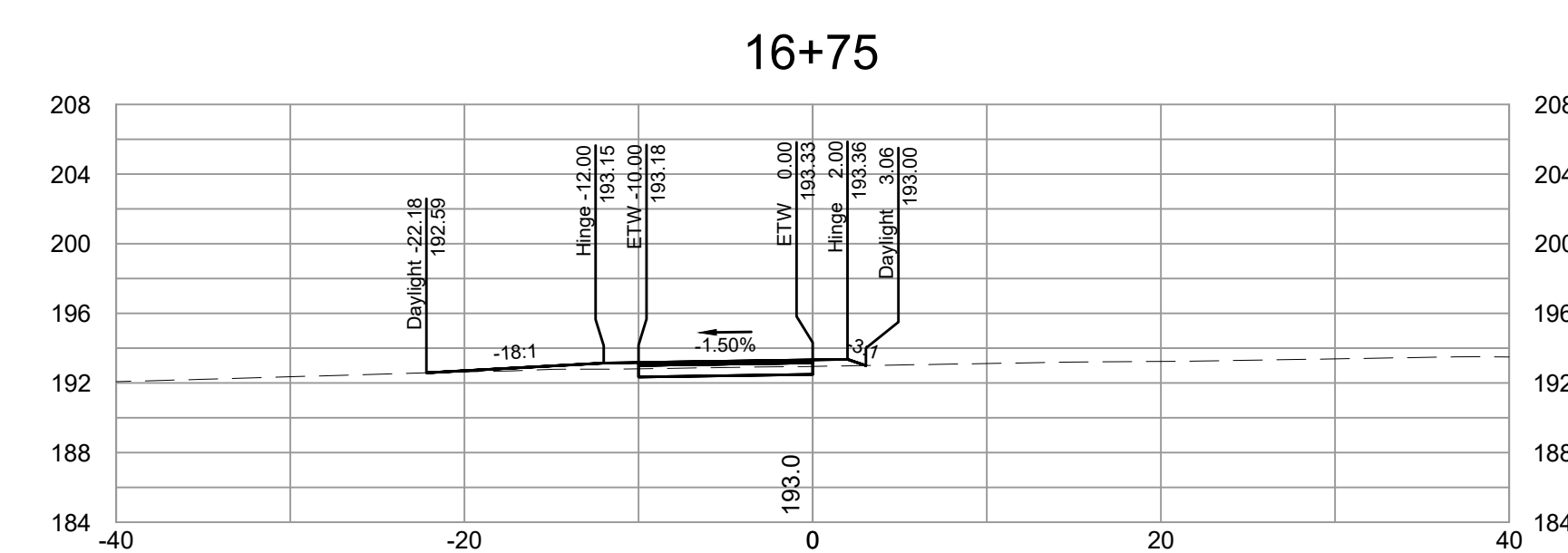
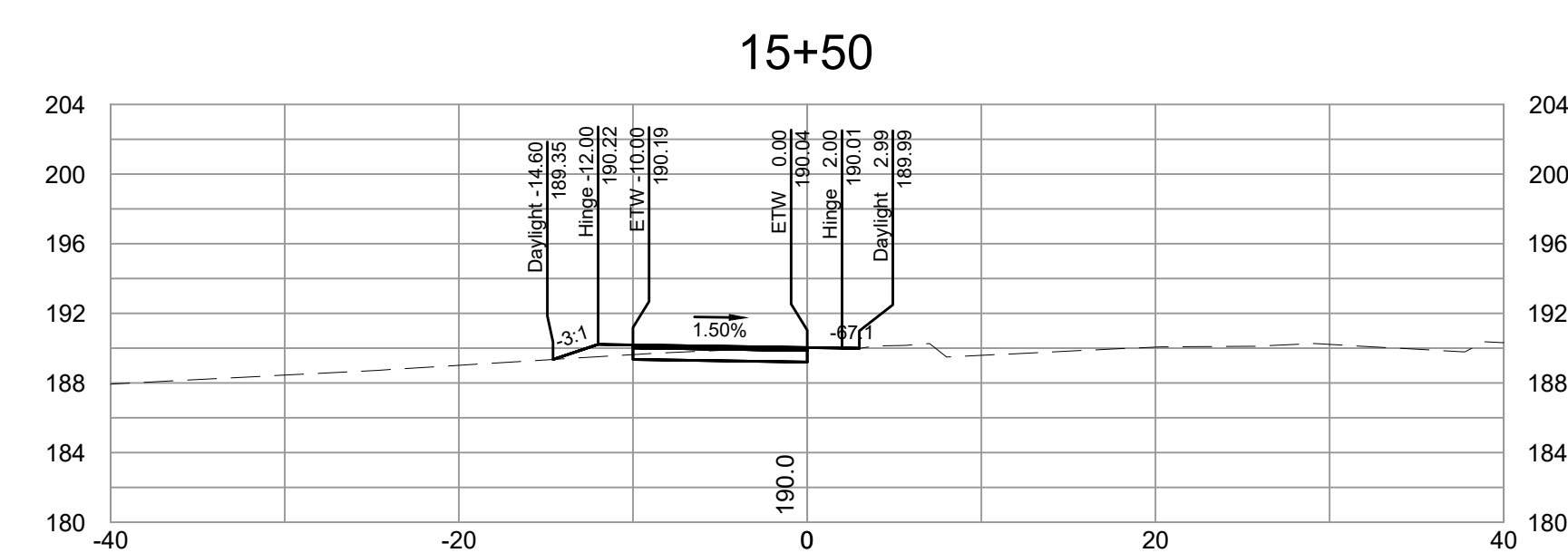
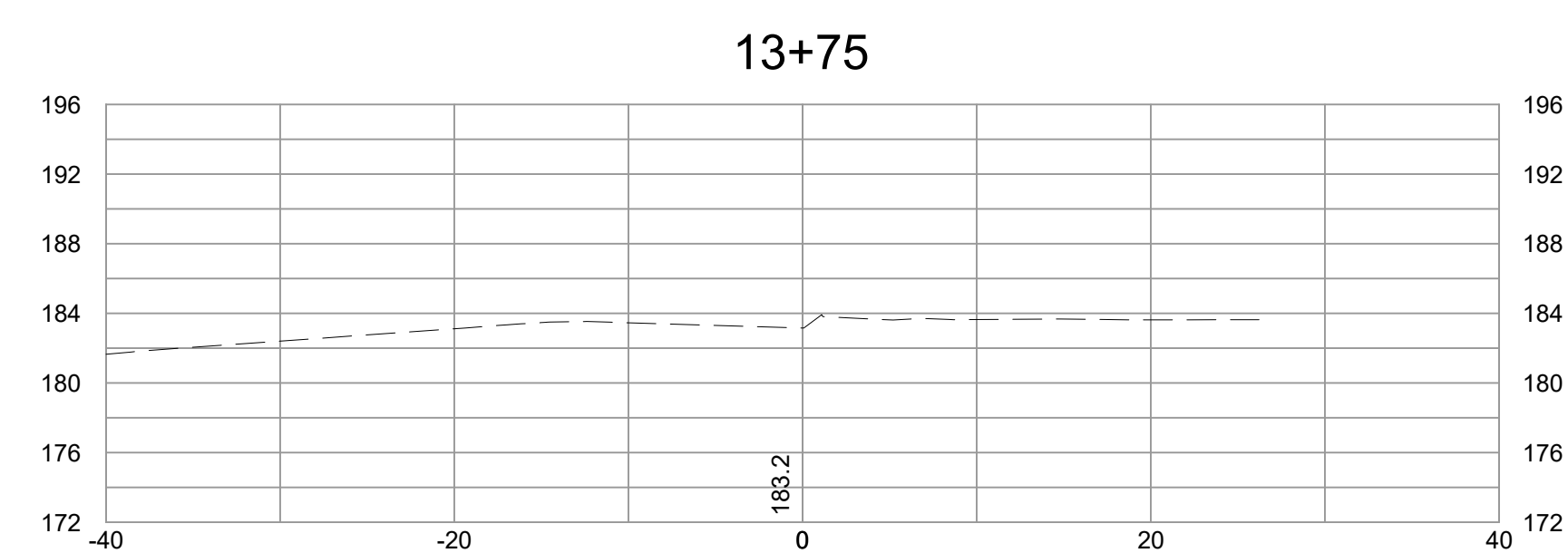
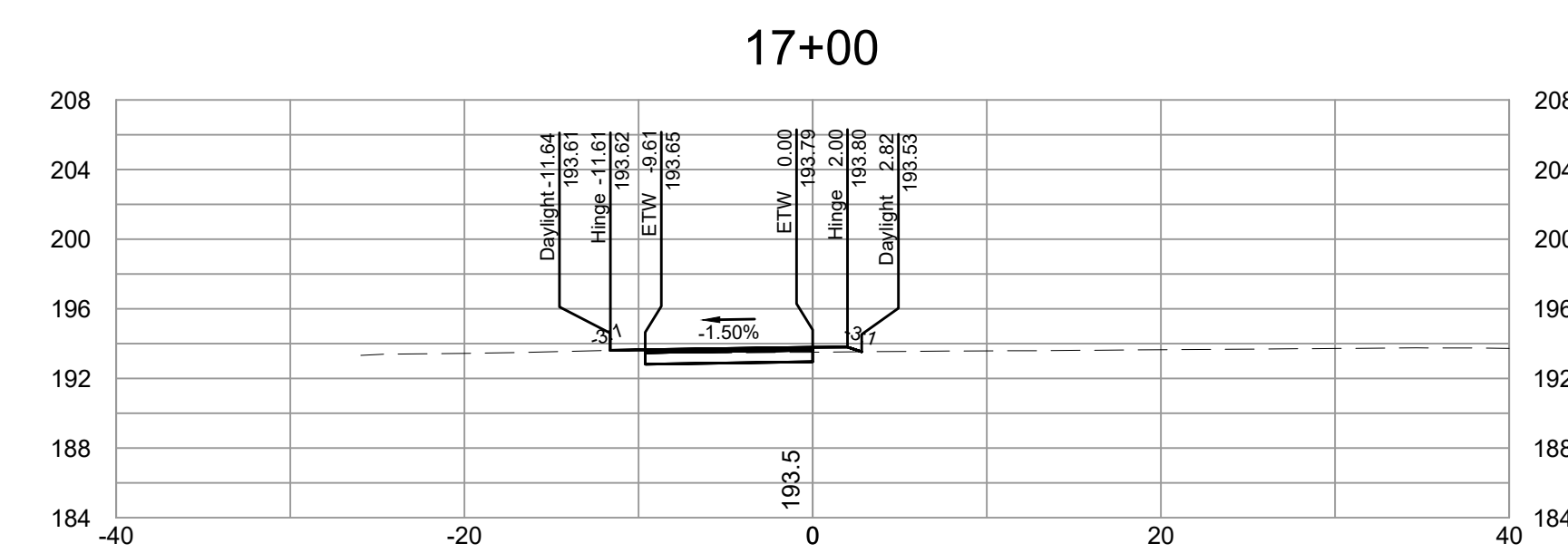
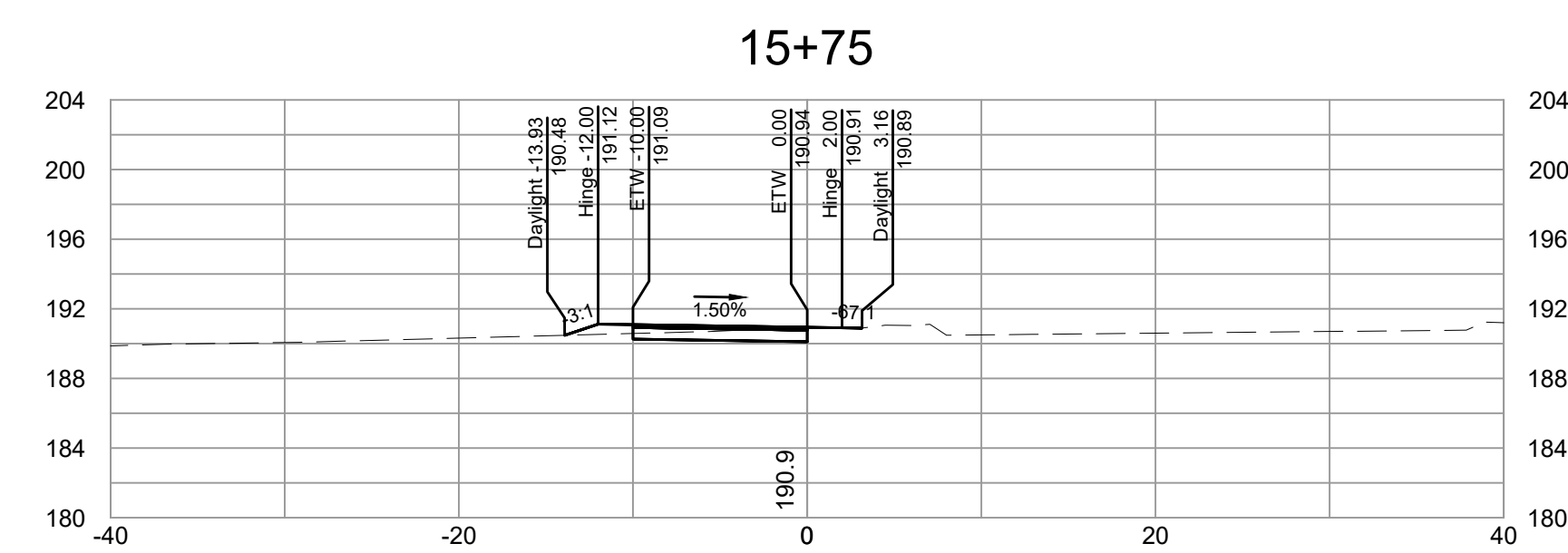
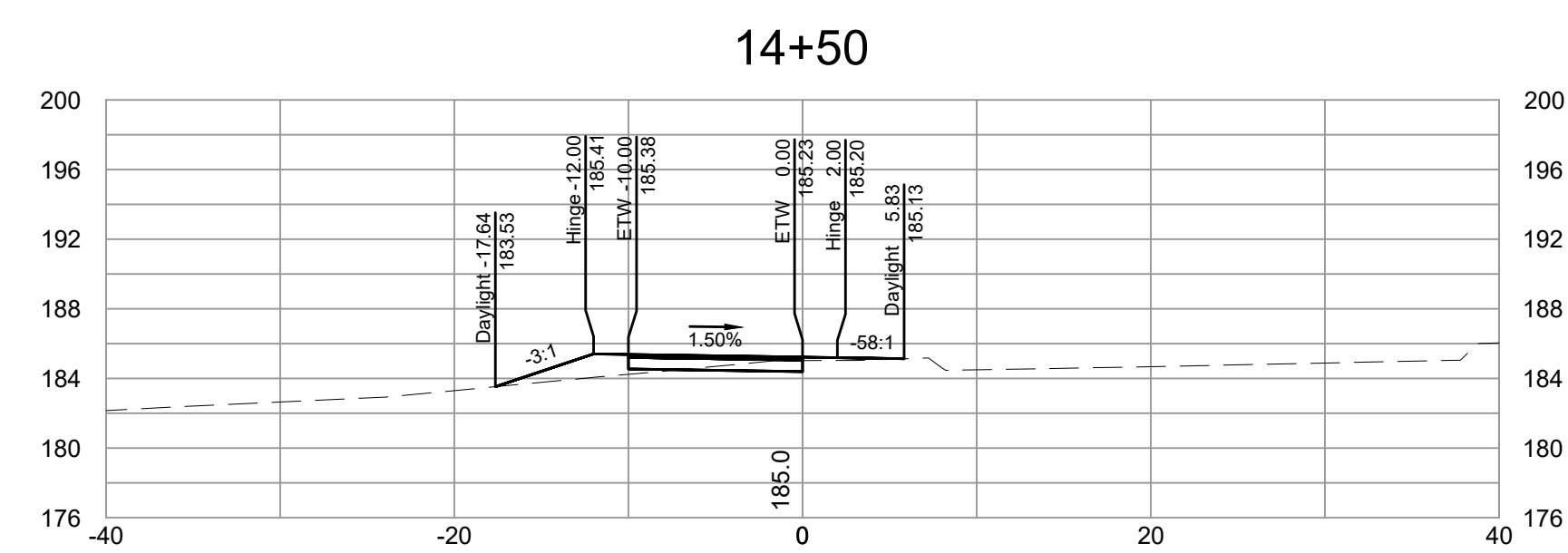
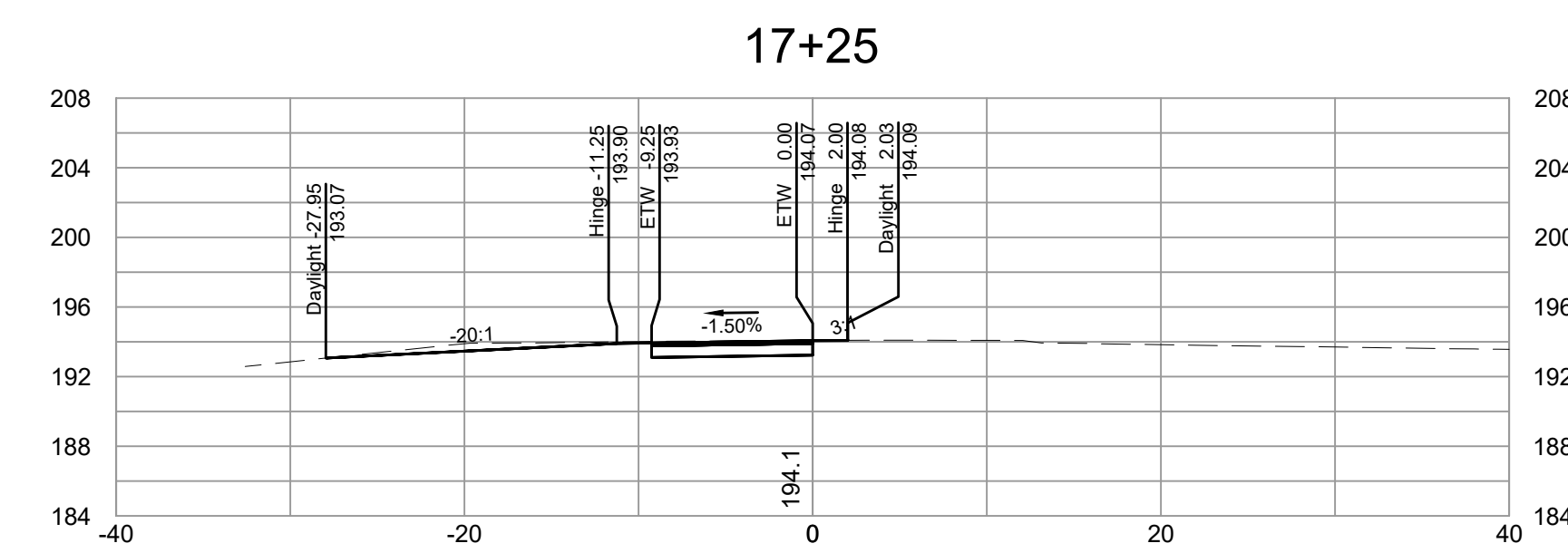
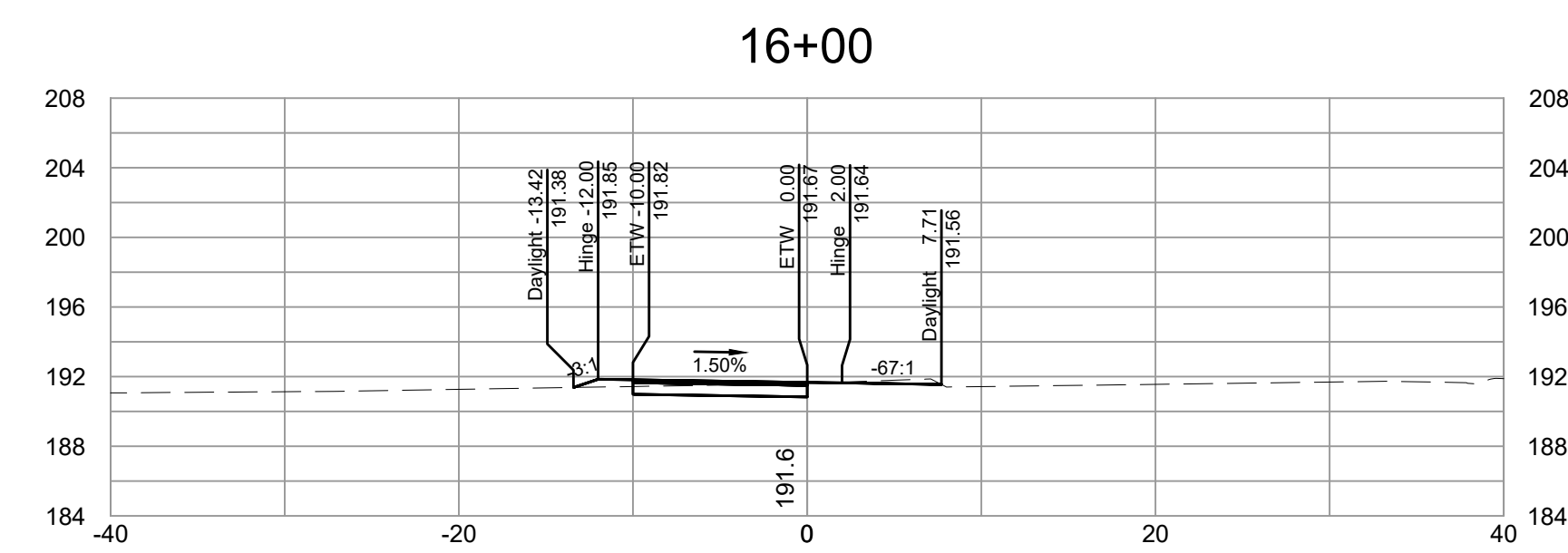
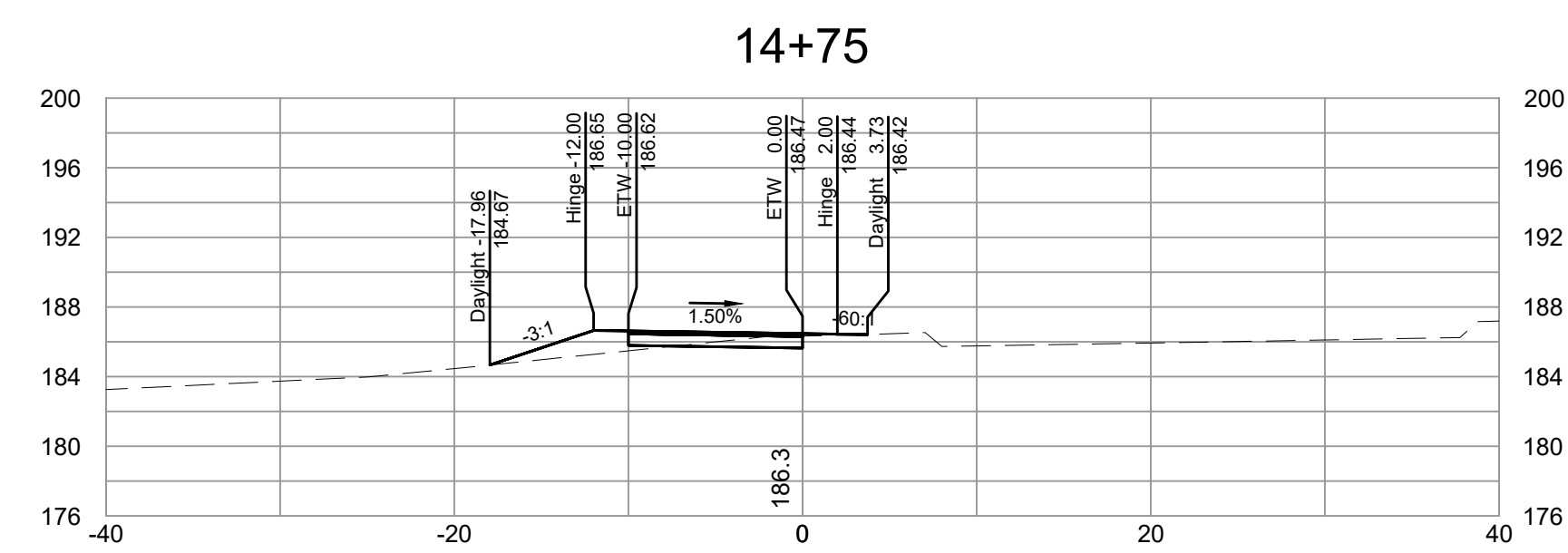
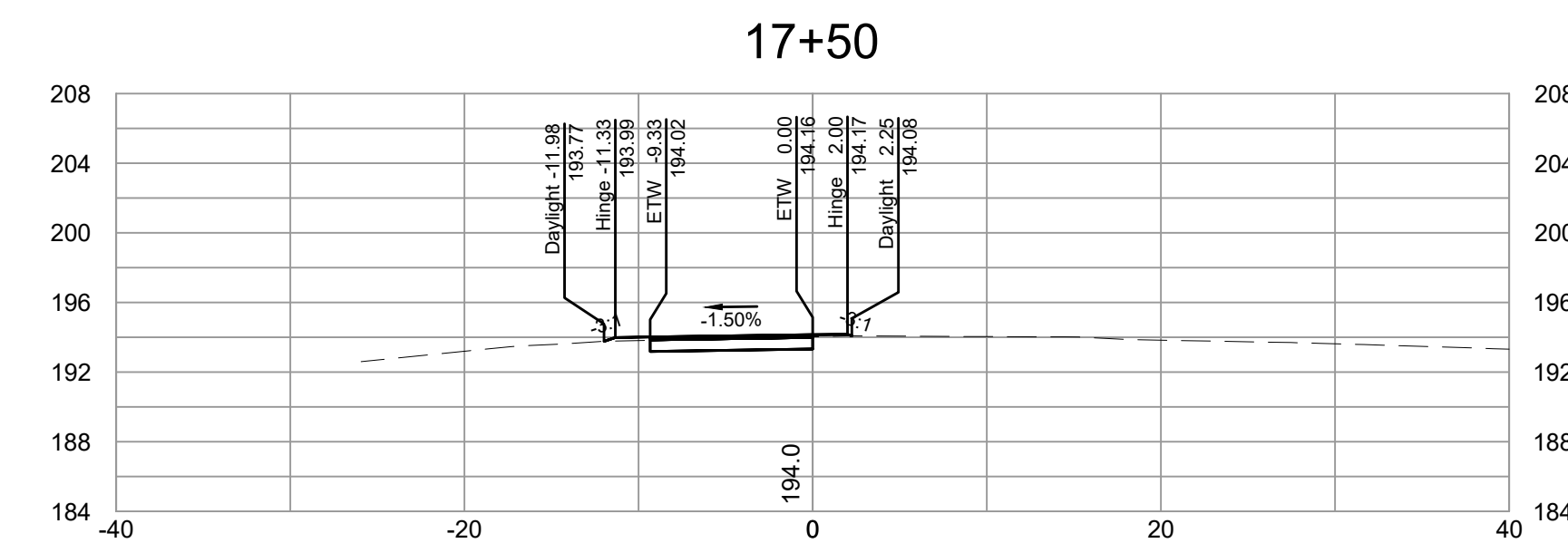
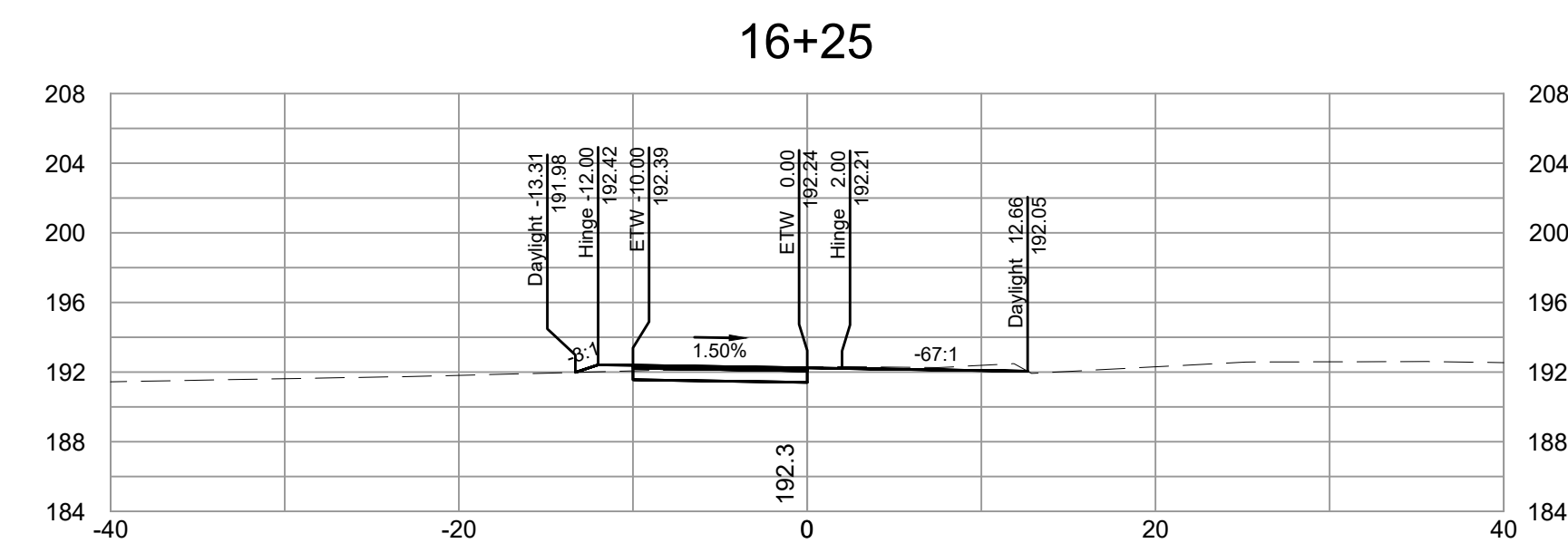
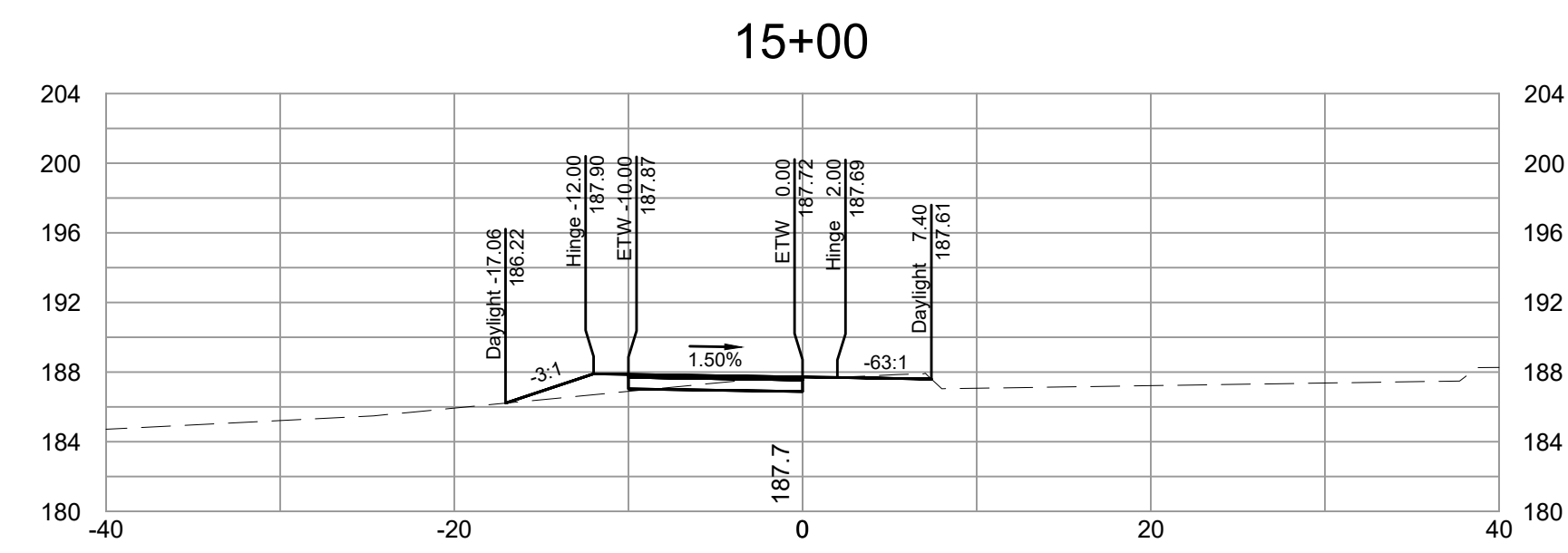
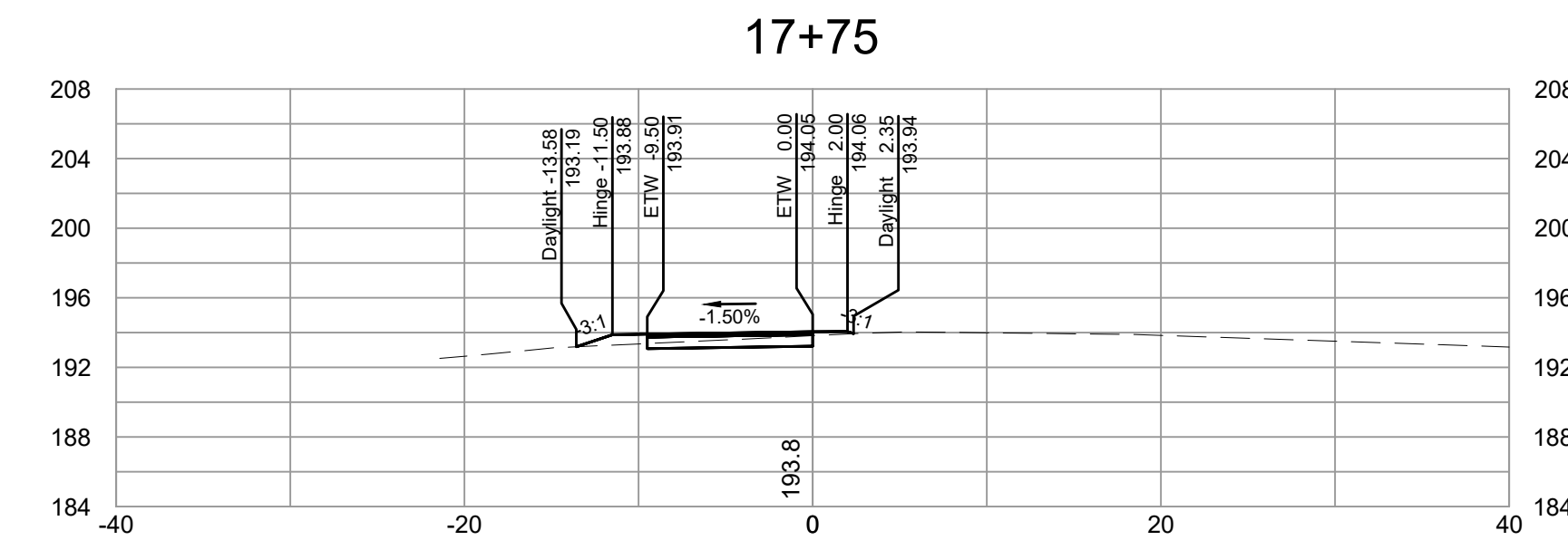
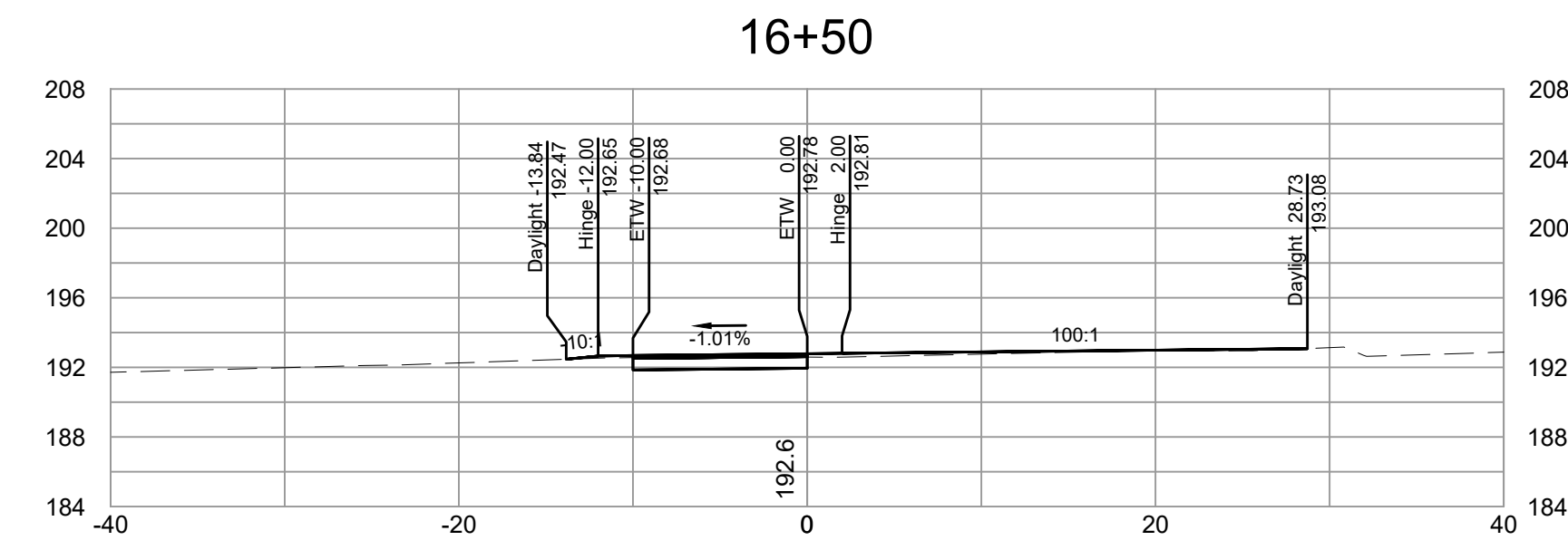
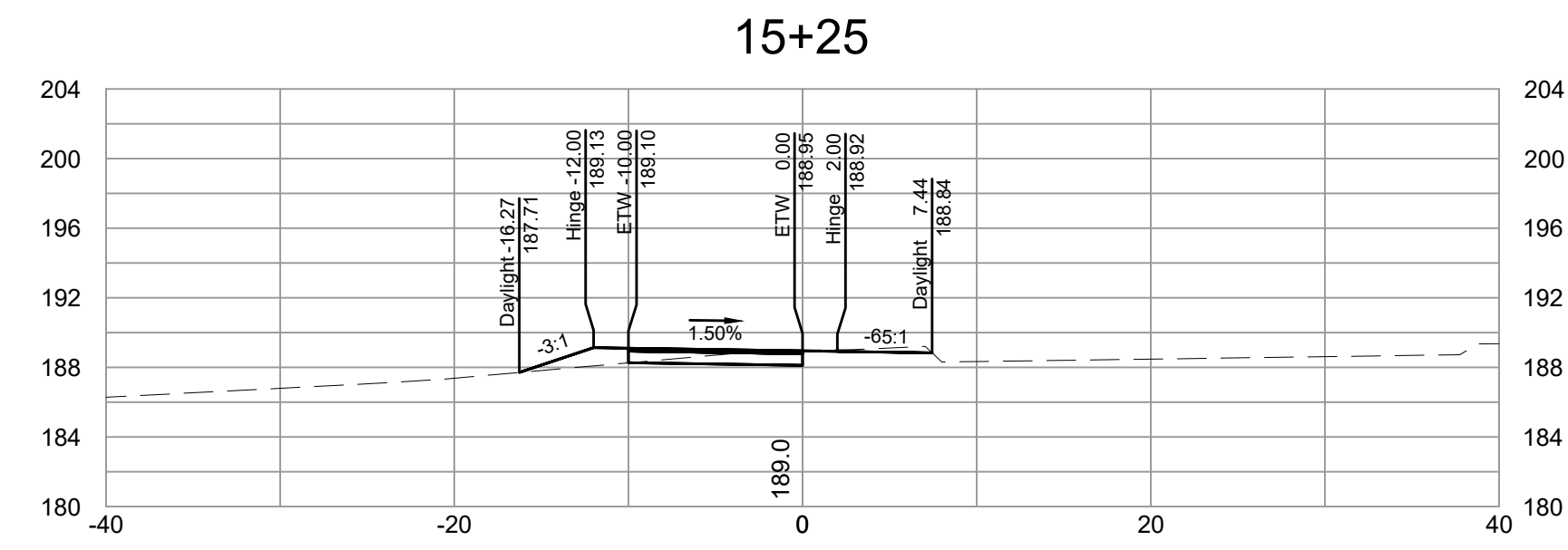


DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA



FALL LINE TRAIL - BRYAN PARK
CROSS SECTIONS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1"=10' VERT. N/A	DATE: 5/31/24	SHEET: XS01	DRAWING NO.: N-29103
CHECKED BY: N. SOUCIE						



SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

L:\2024\3763-FLT_BryanPark\DWG\Sheet\CD\6763-203C-XS01.dwg | Plotted on 5/30/2024 5:42 PM | by Kaitlyn Jenkins

NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

LEGEND

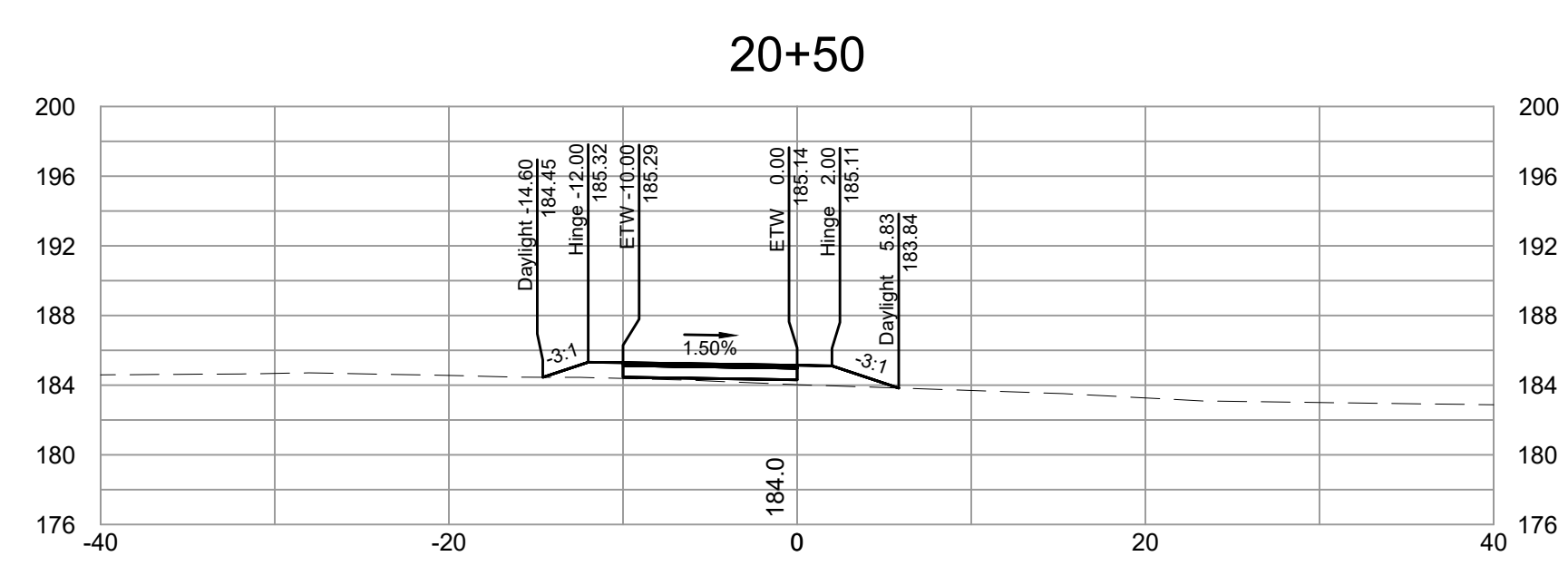
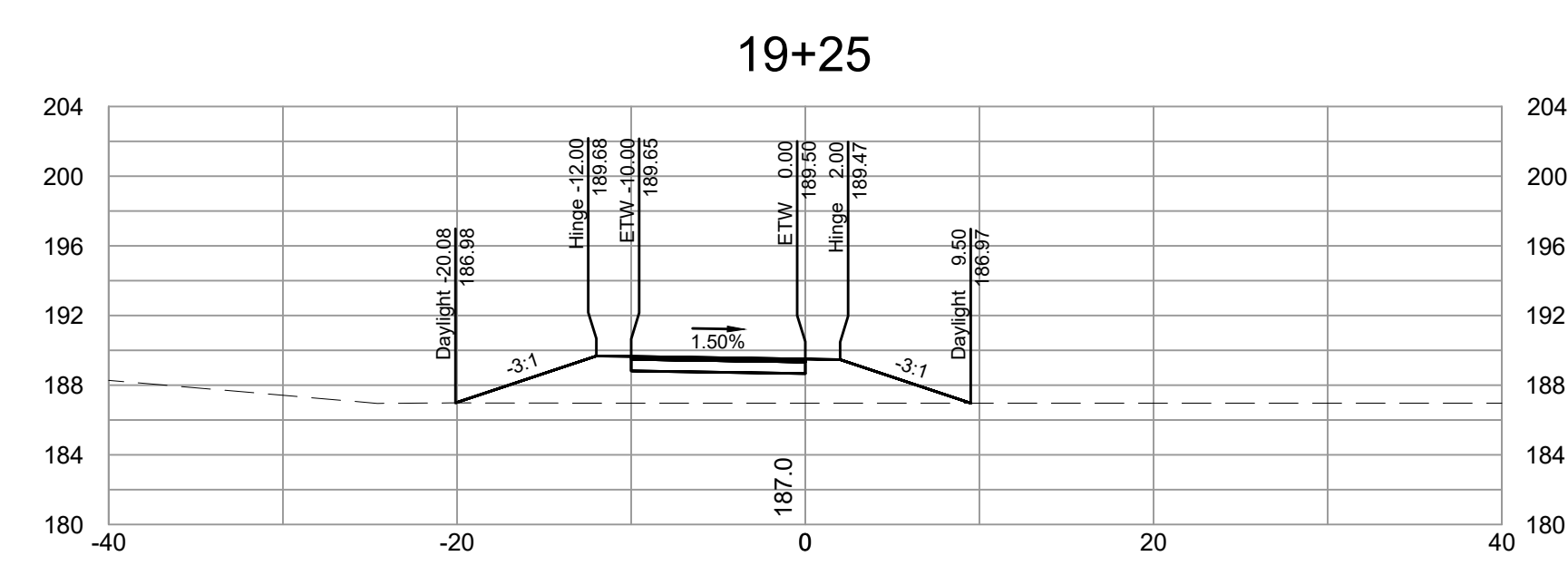
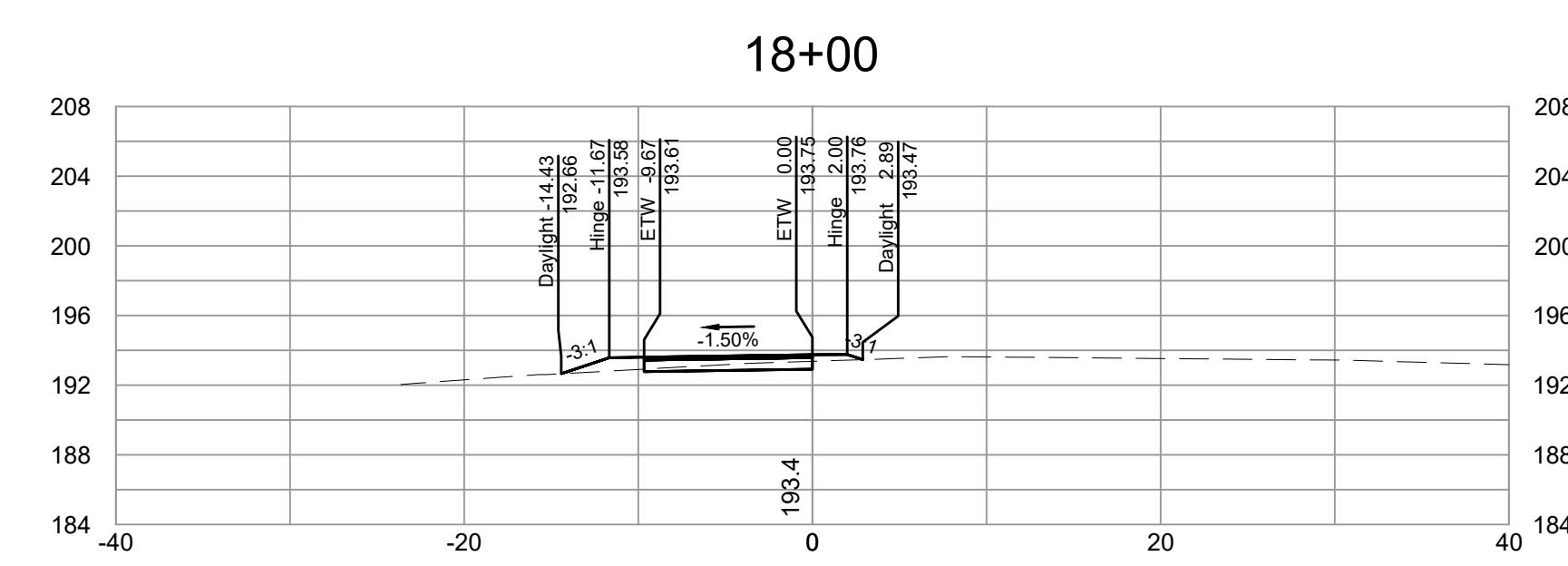
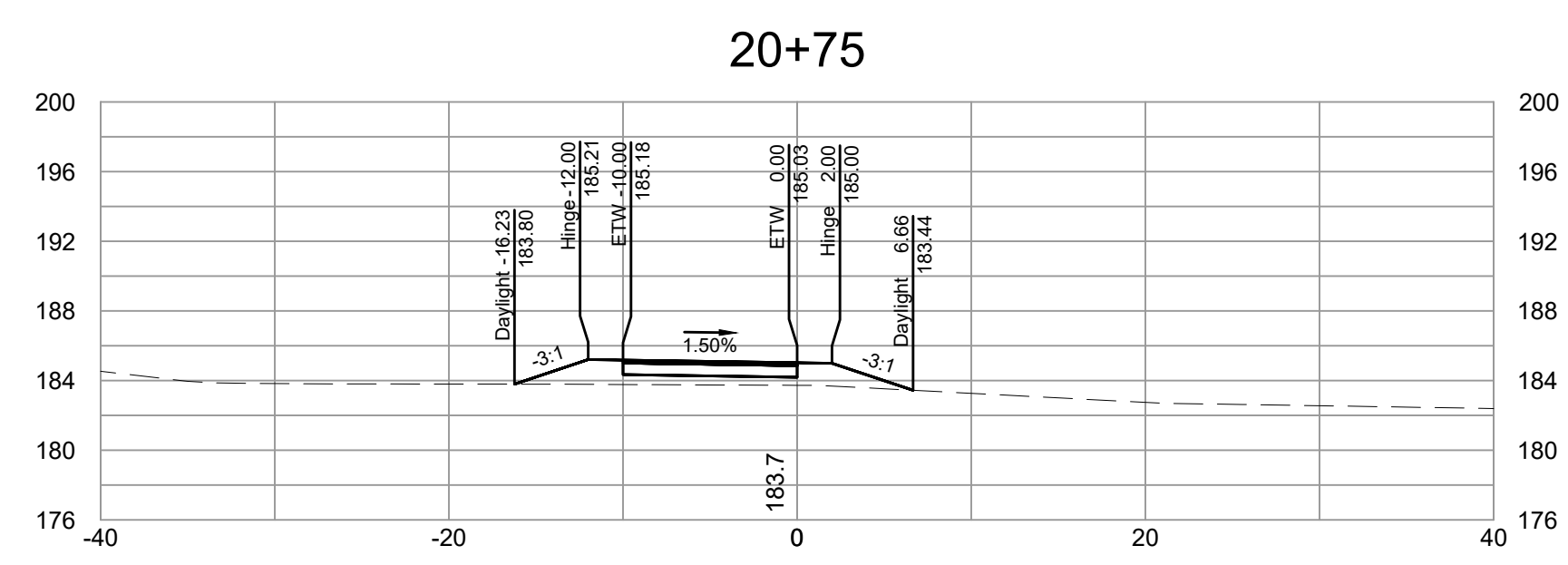
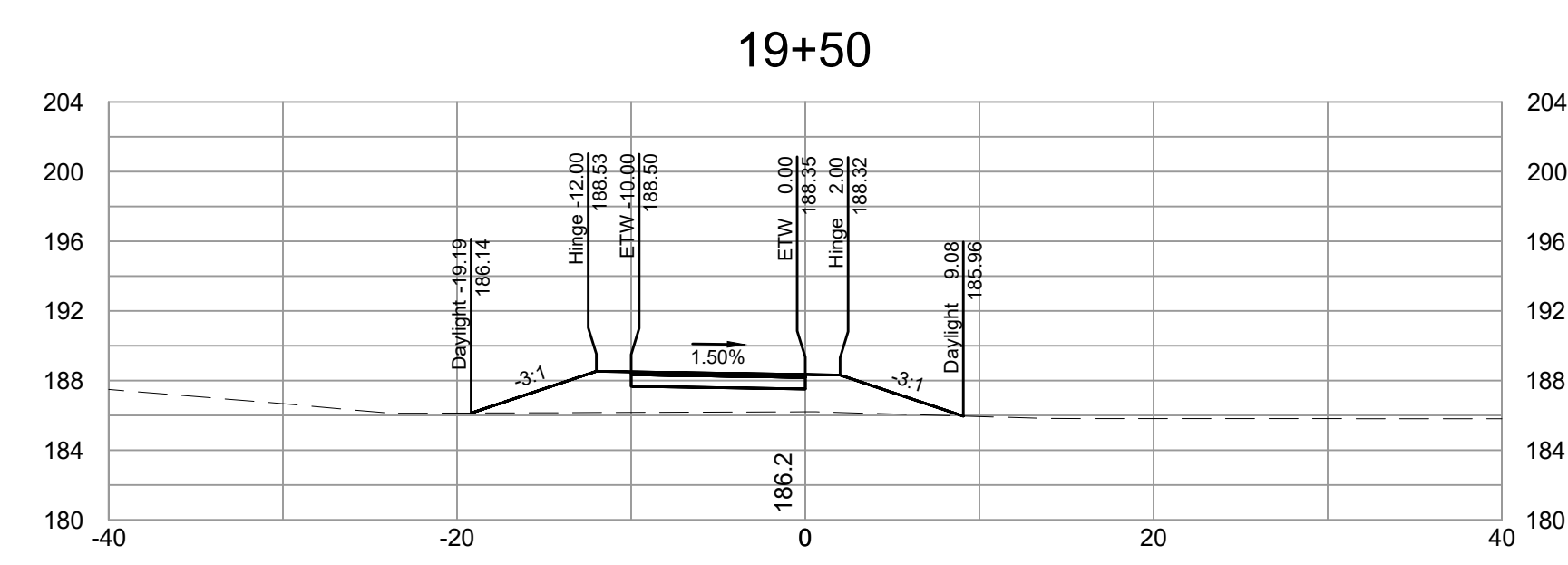
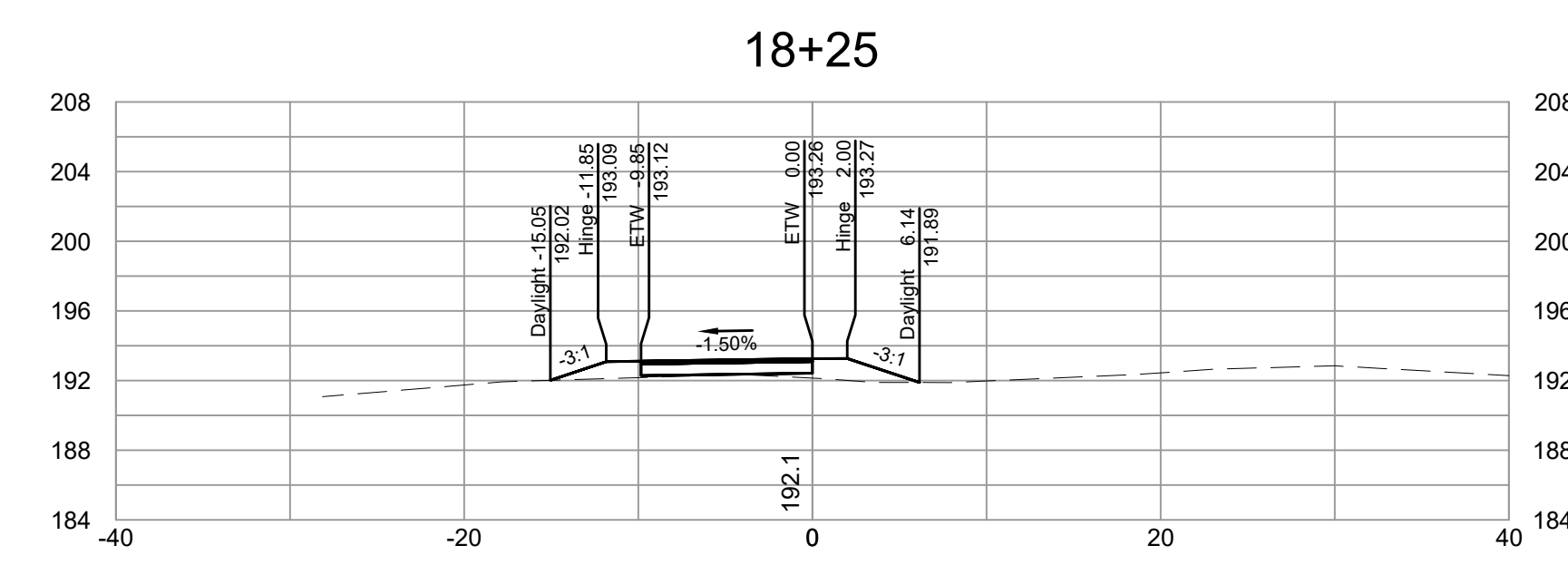
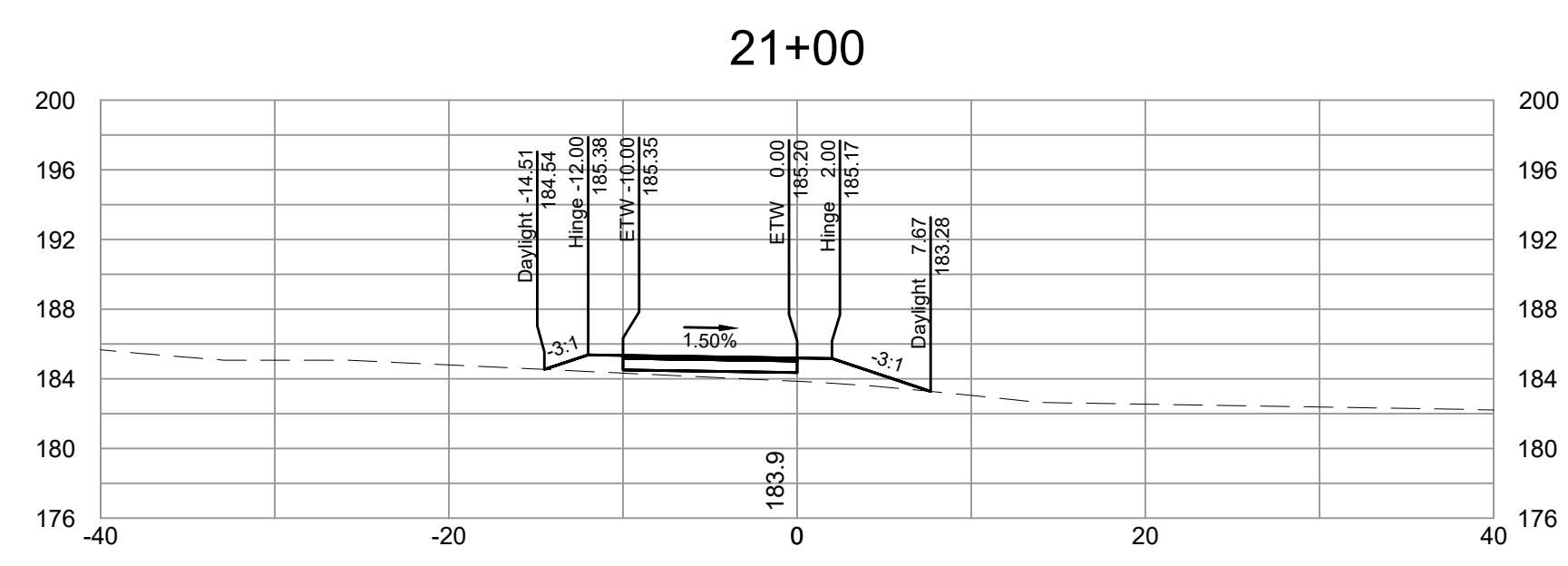
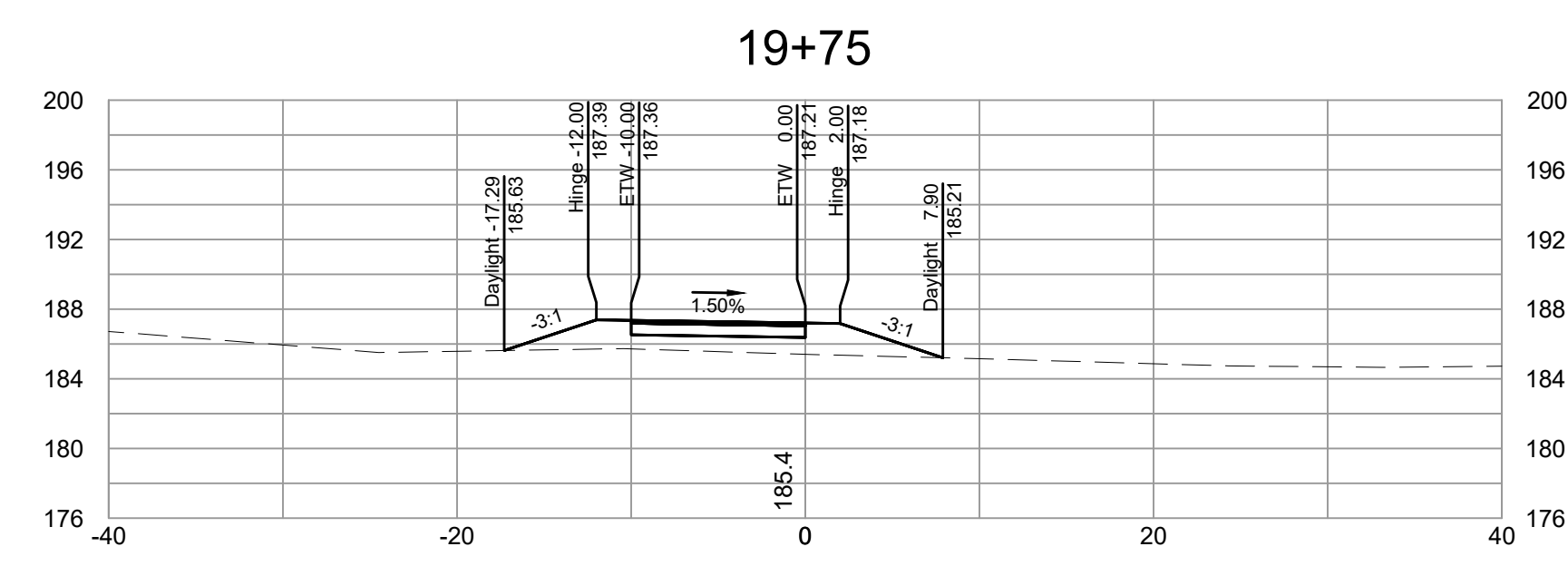
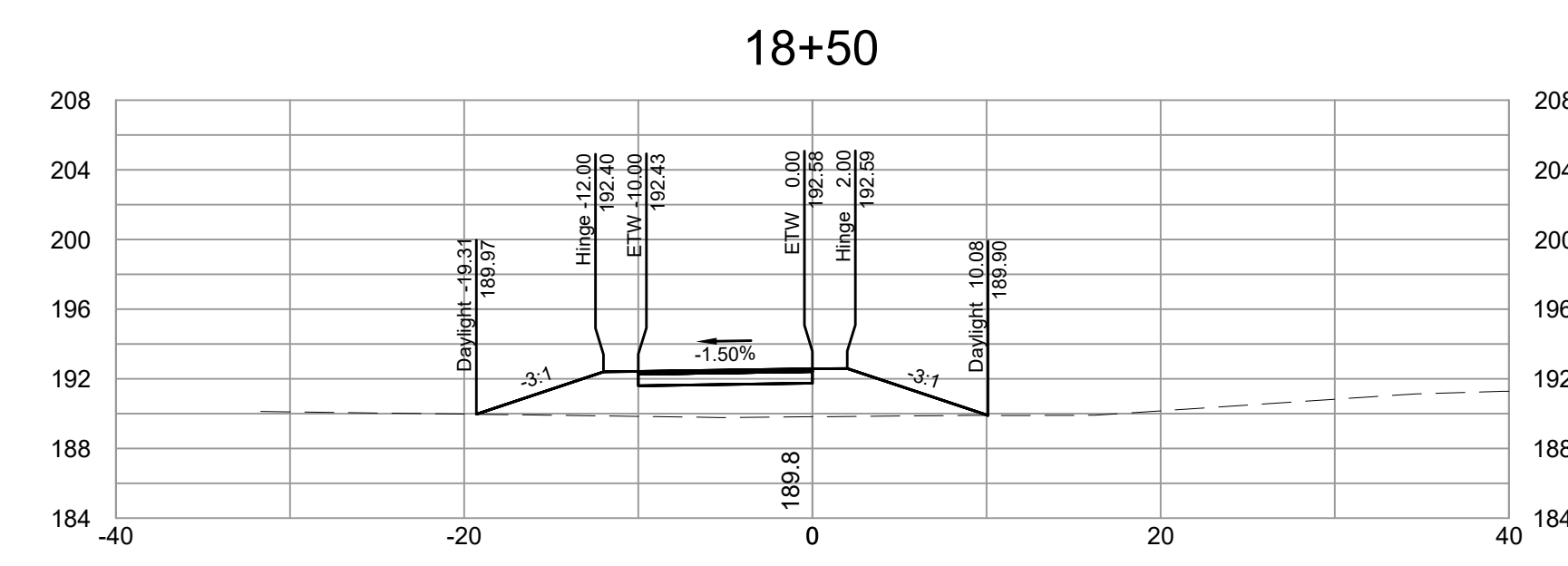
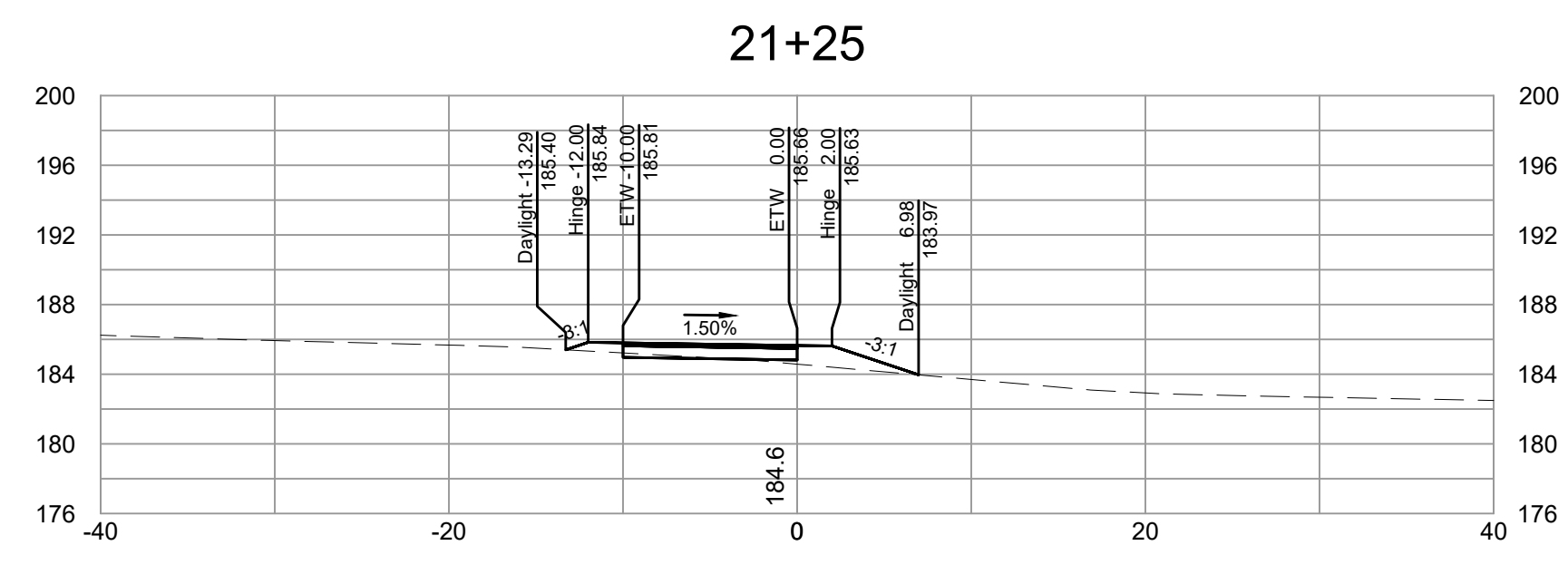
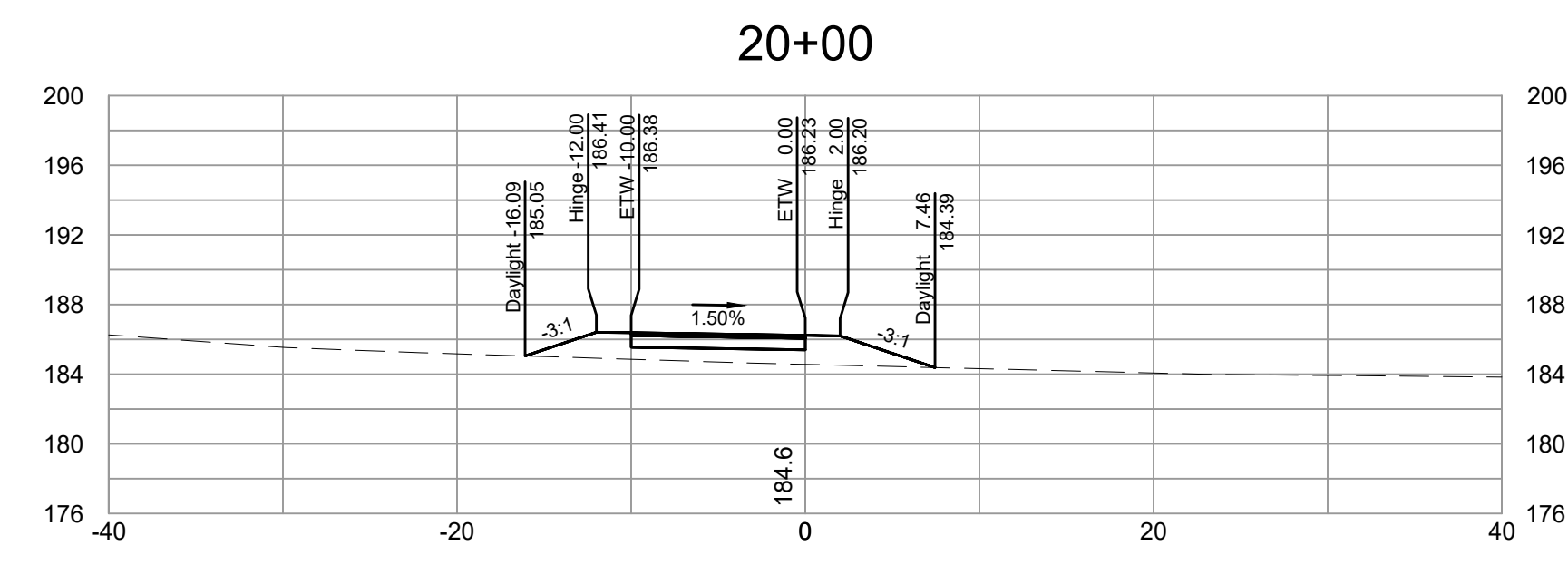
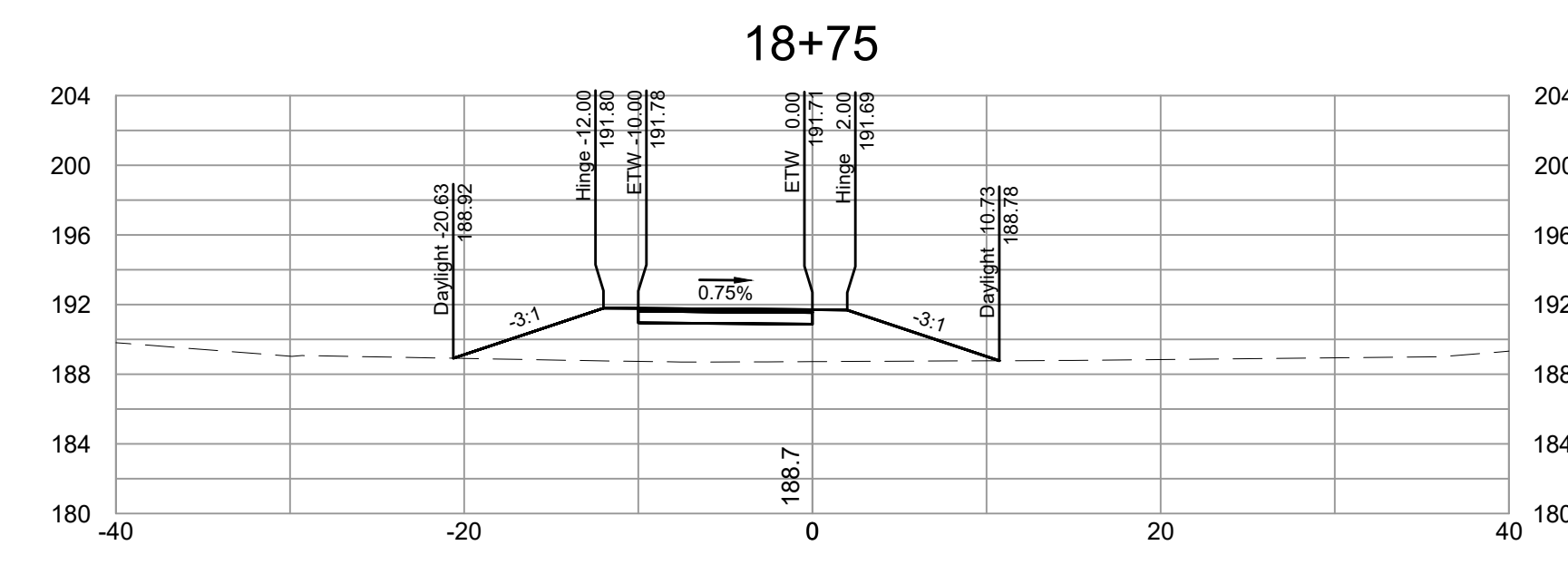
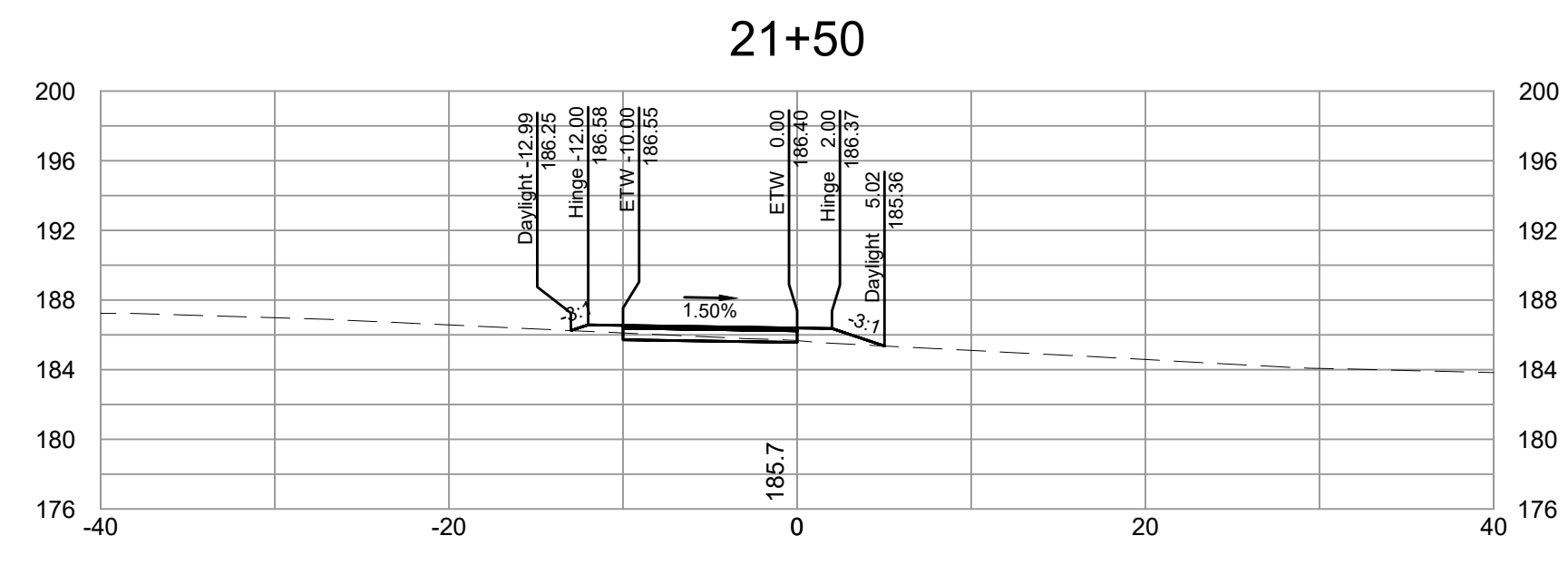
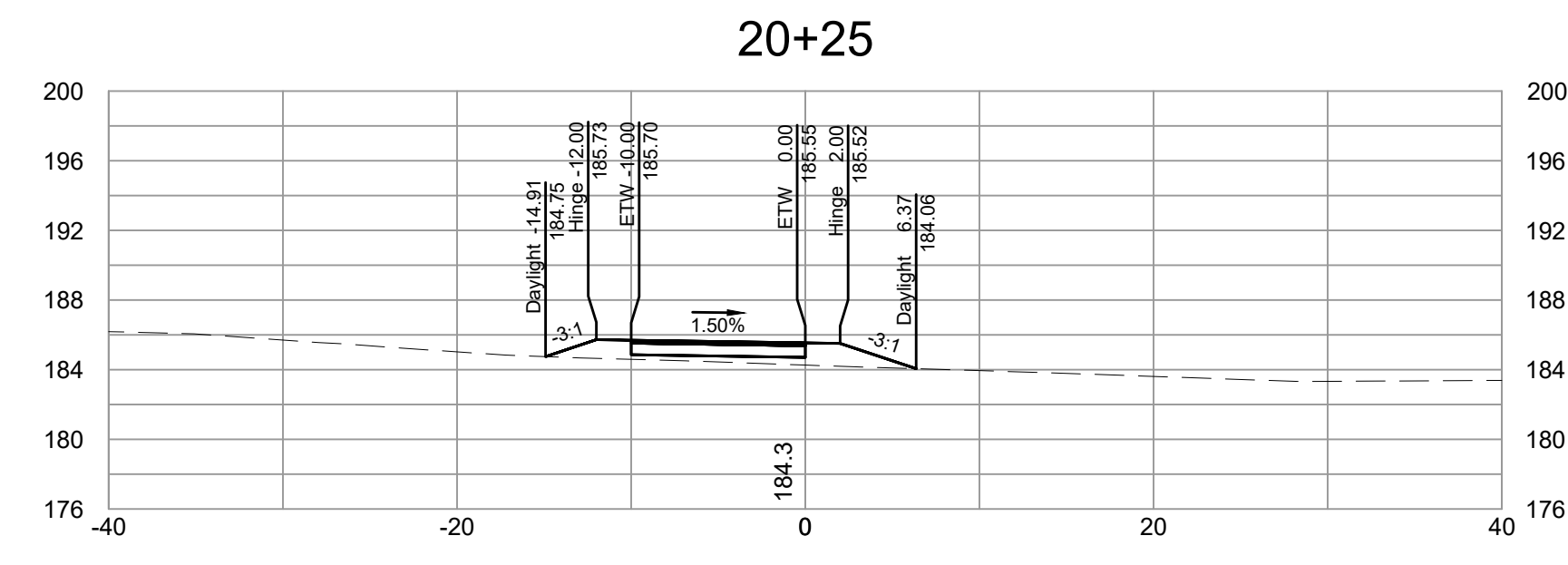
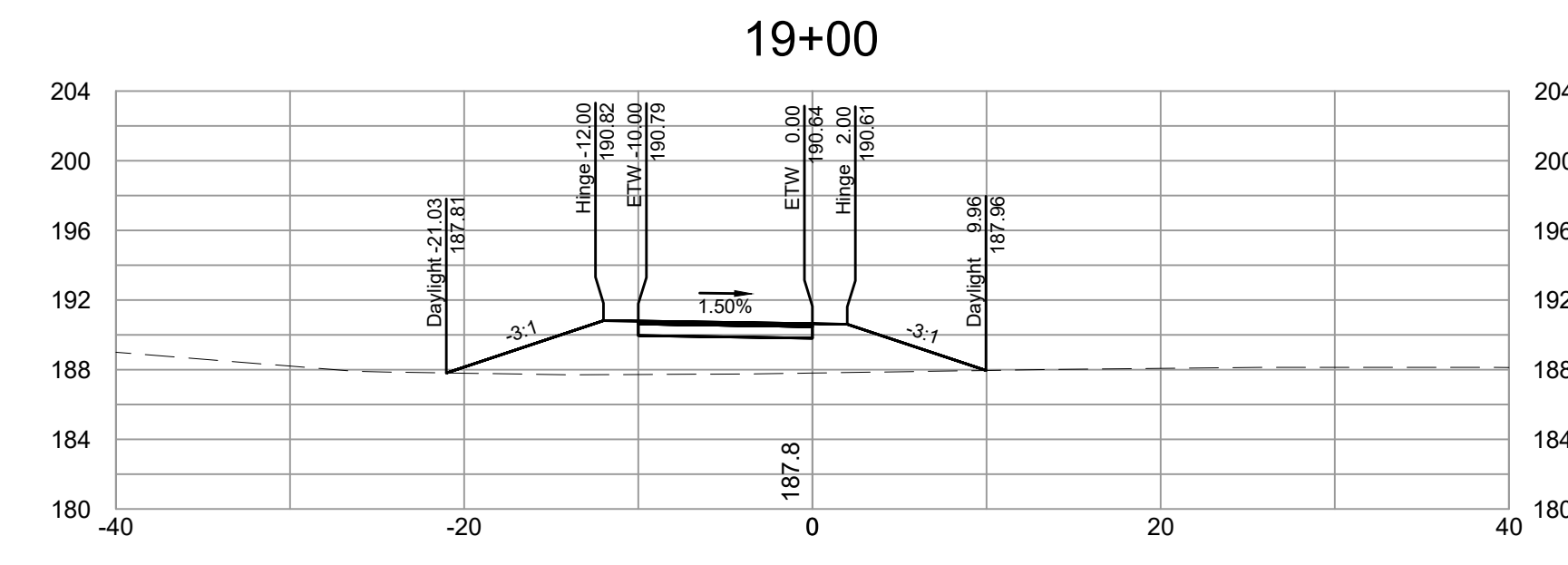


DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA



FALL LINE TRAIL - BRYAN PARK
CROSS SECTIONS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALAR: HORIZ. 1"=10'	DATE: 5/31/24	SHEET: XS02	DRAWING NO.: N-29103
CHECKED BY: N. SOUCIE			VERT. N/A			



SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

L:\2019\703-FLT_BryanPark\DWG\Sheet\CD\6765-203C-XS01.dwg | Plotted on 5/30/2024 5:42 PM | by Kathryn Jenkins

- NOTES**
1. Lot dimensions in parentheses are from deed.
 2. Property owners correct as of _____, 2024
 3. Ordinance Number N/A
 4. Adopted N/A
 5. Accepted N/A

REFERENCES	REVISIONS

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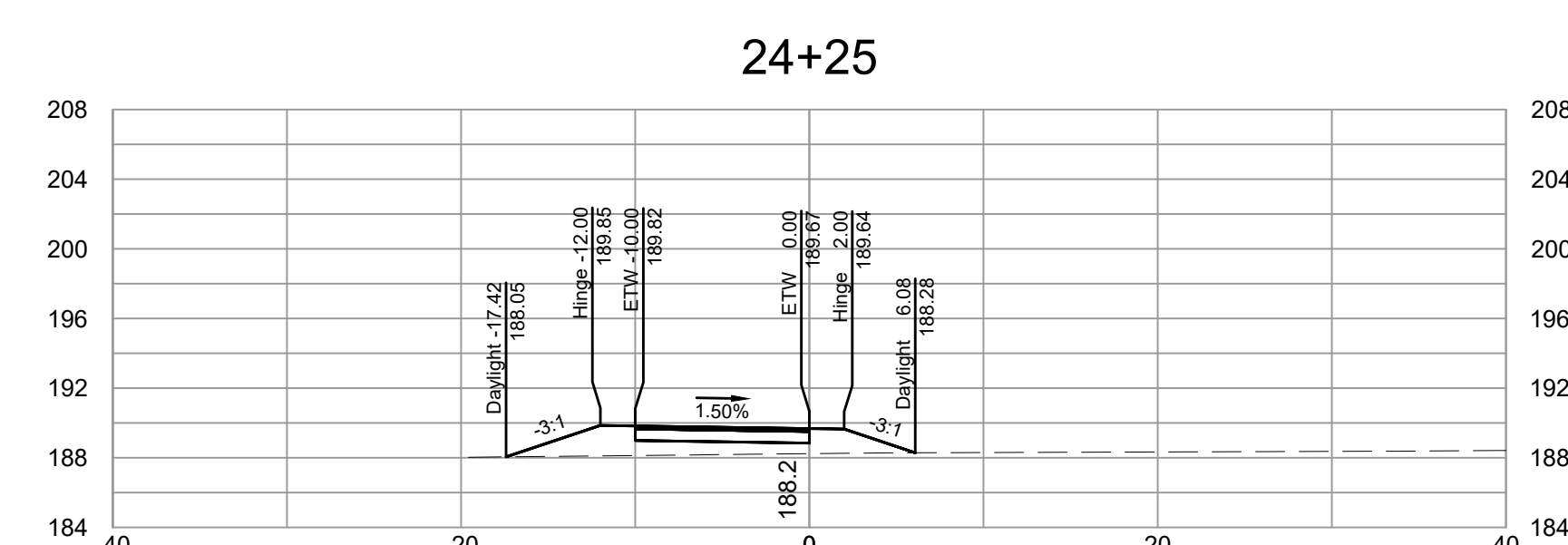
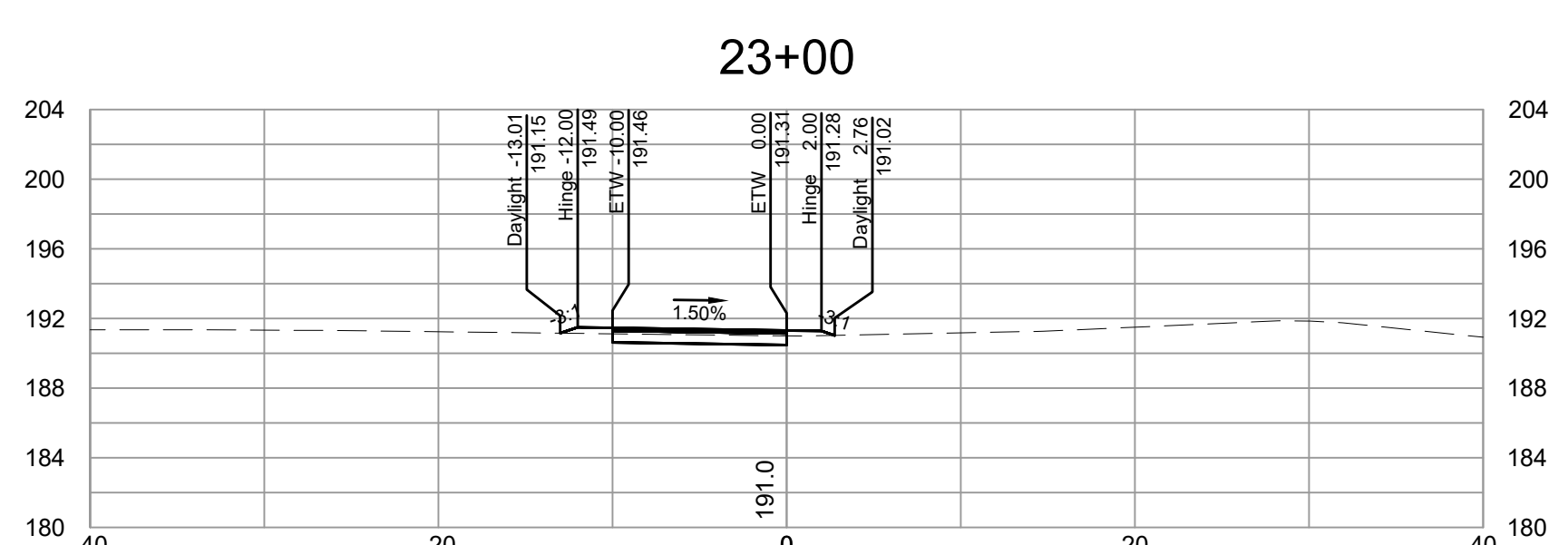
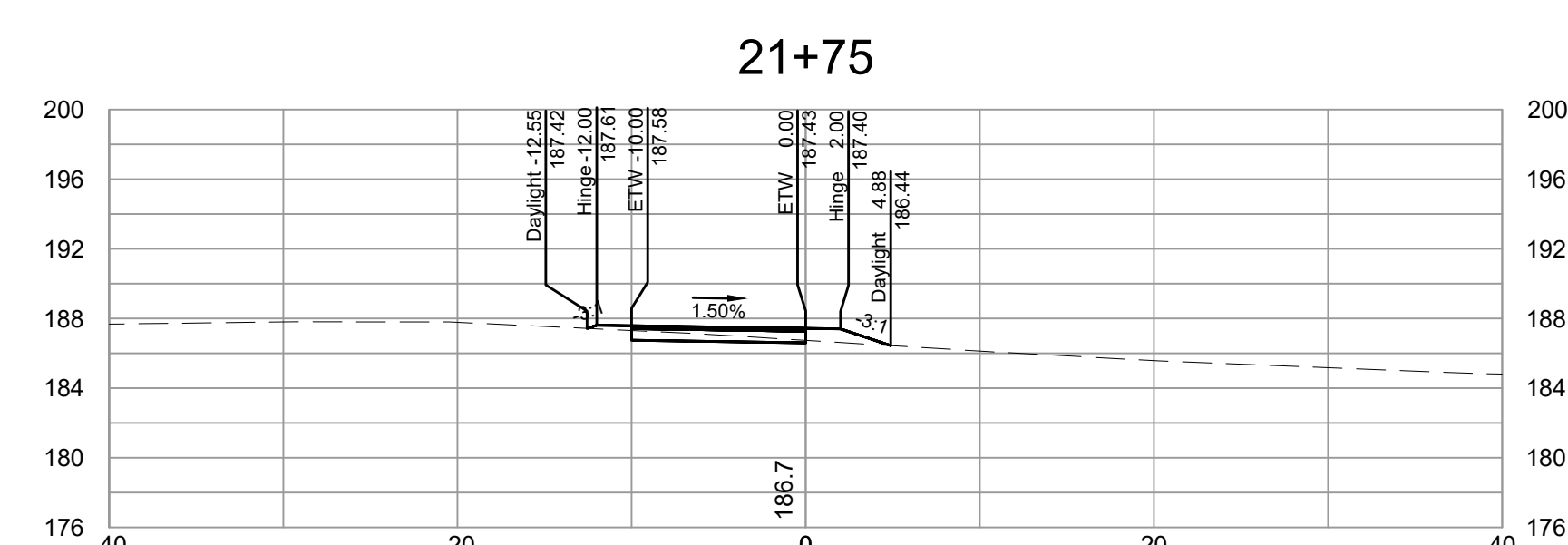
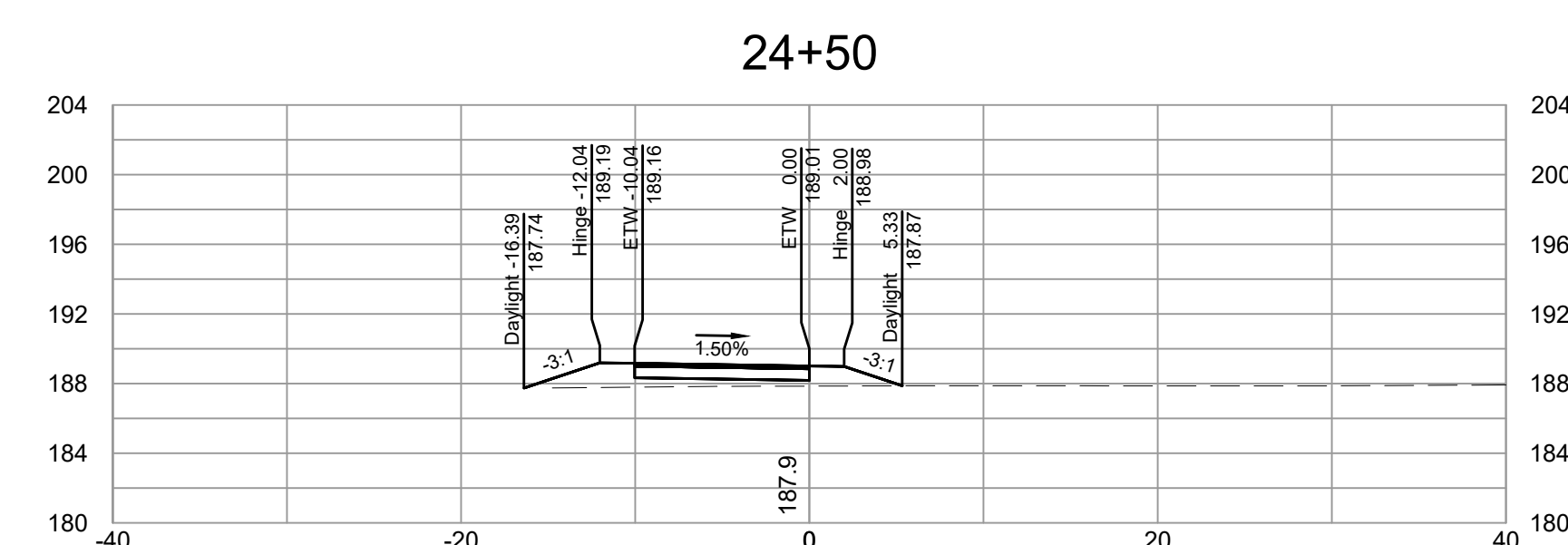
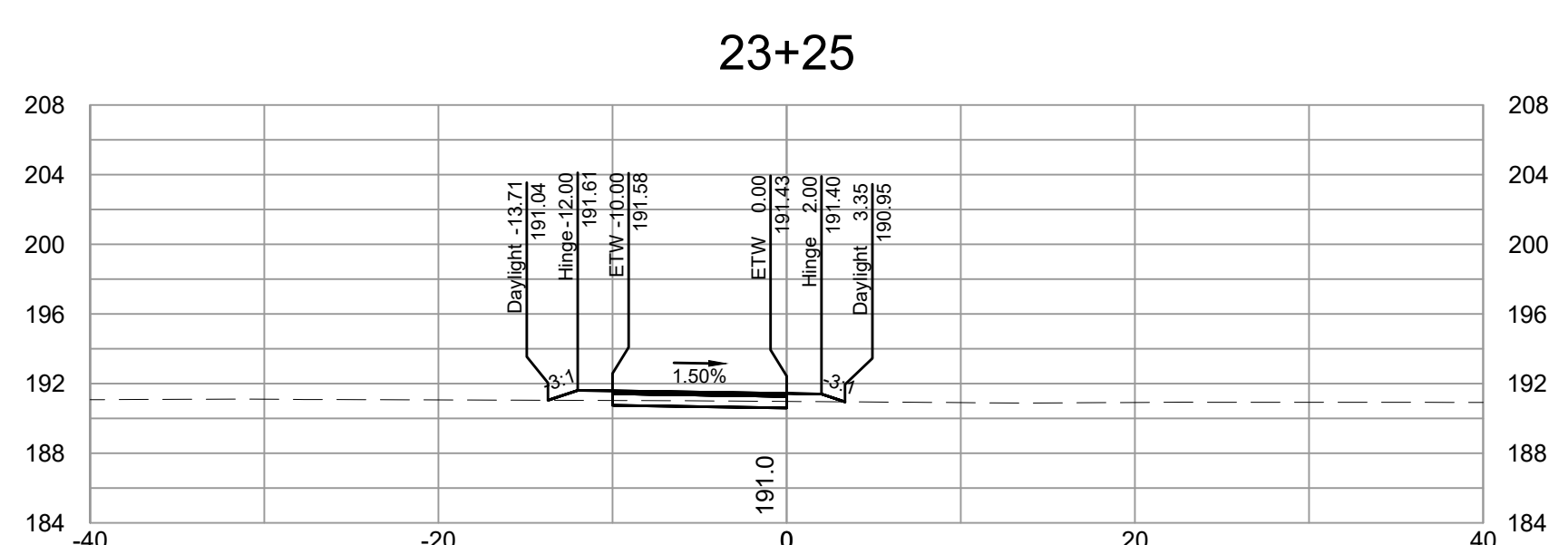
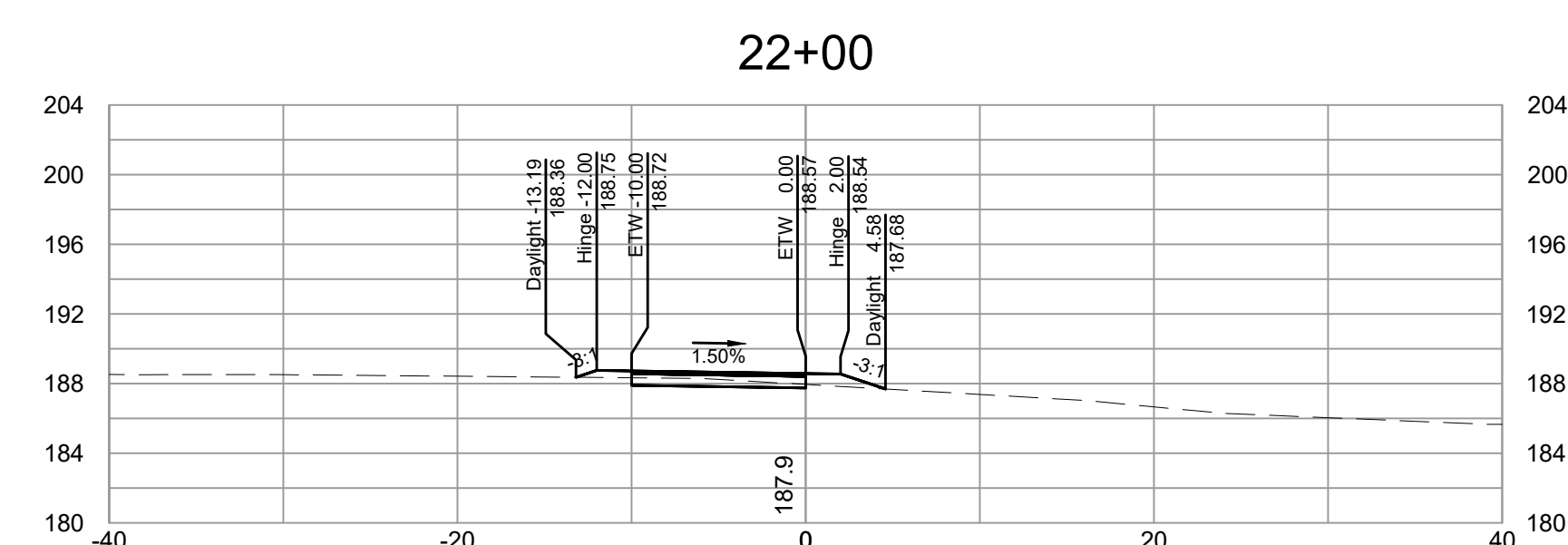
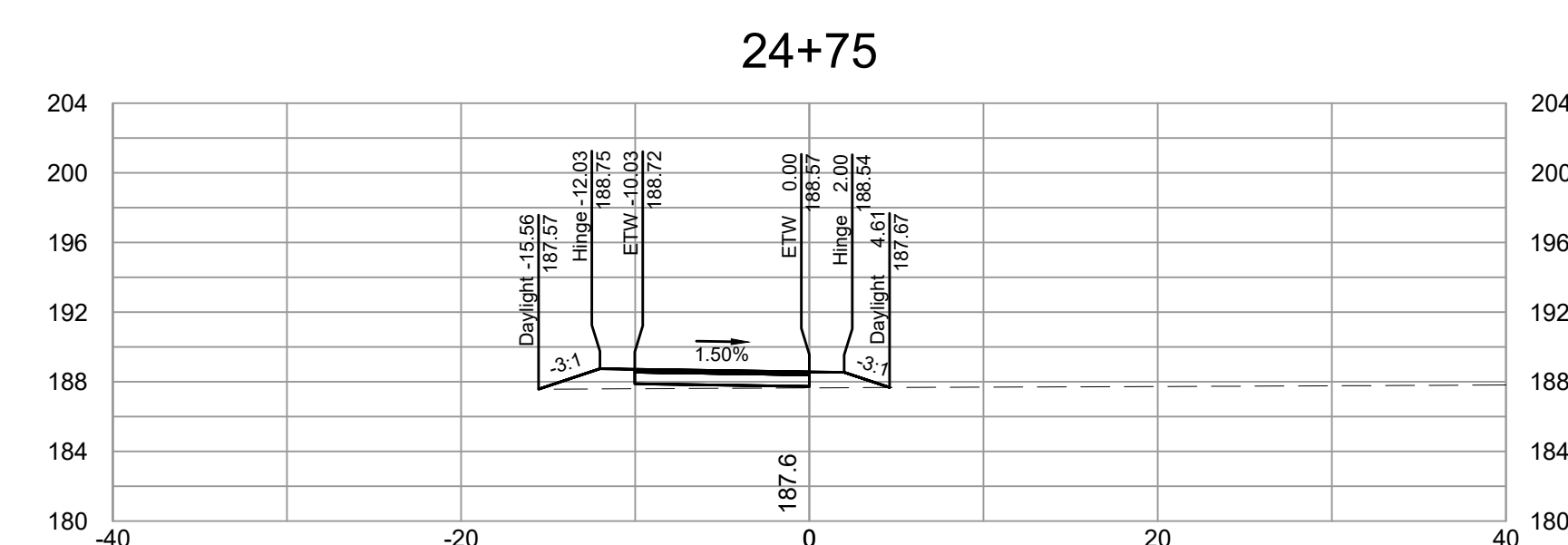
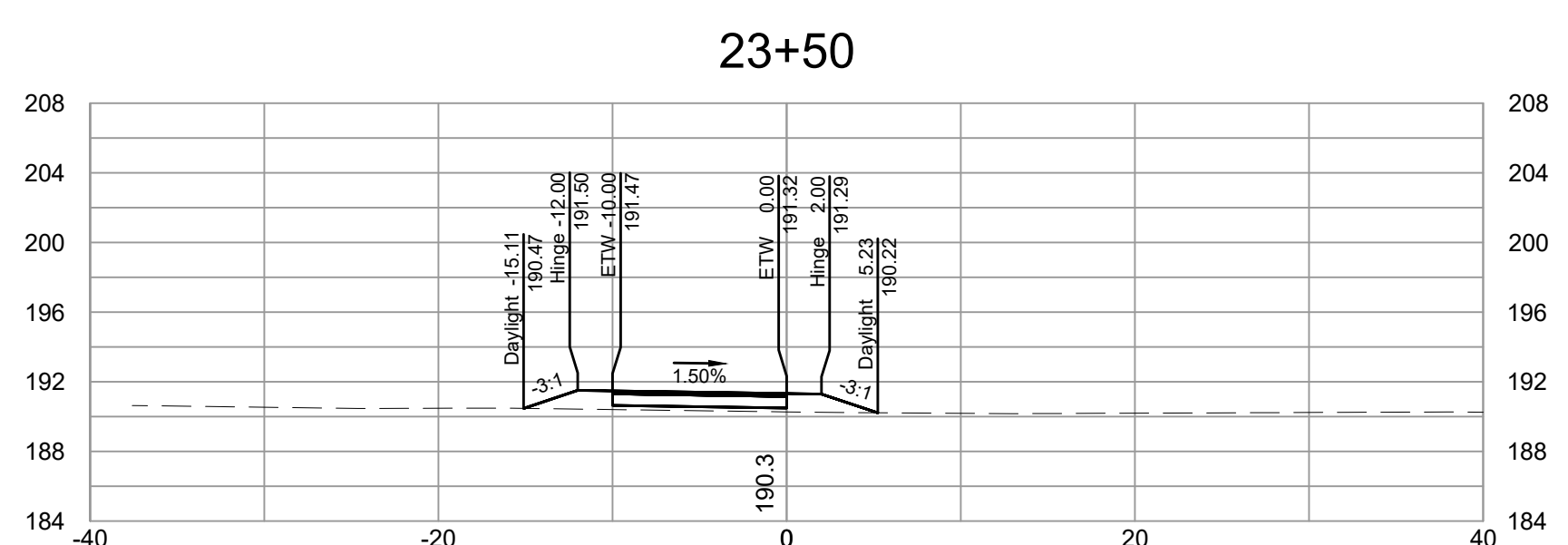
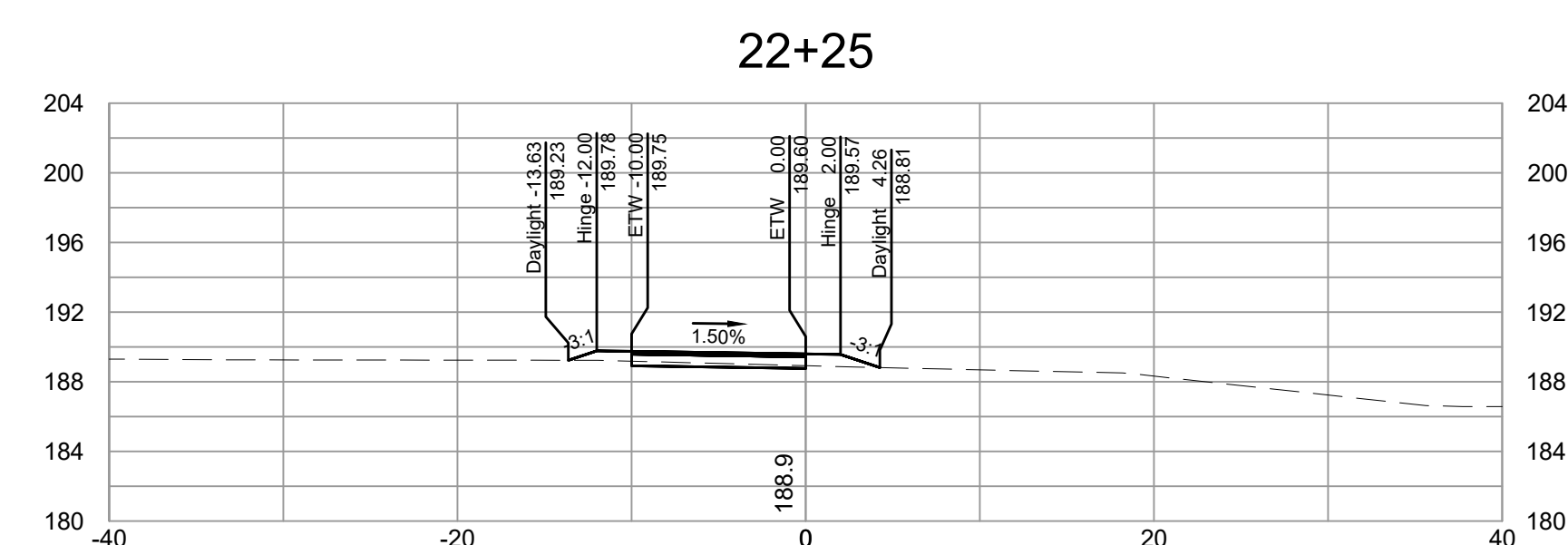
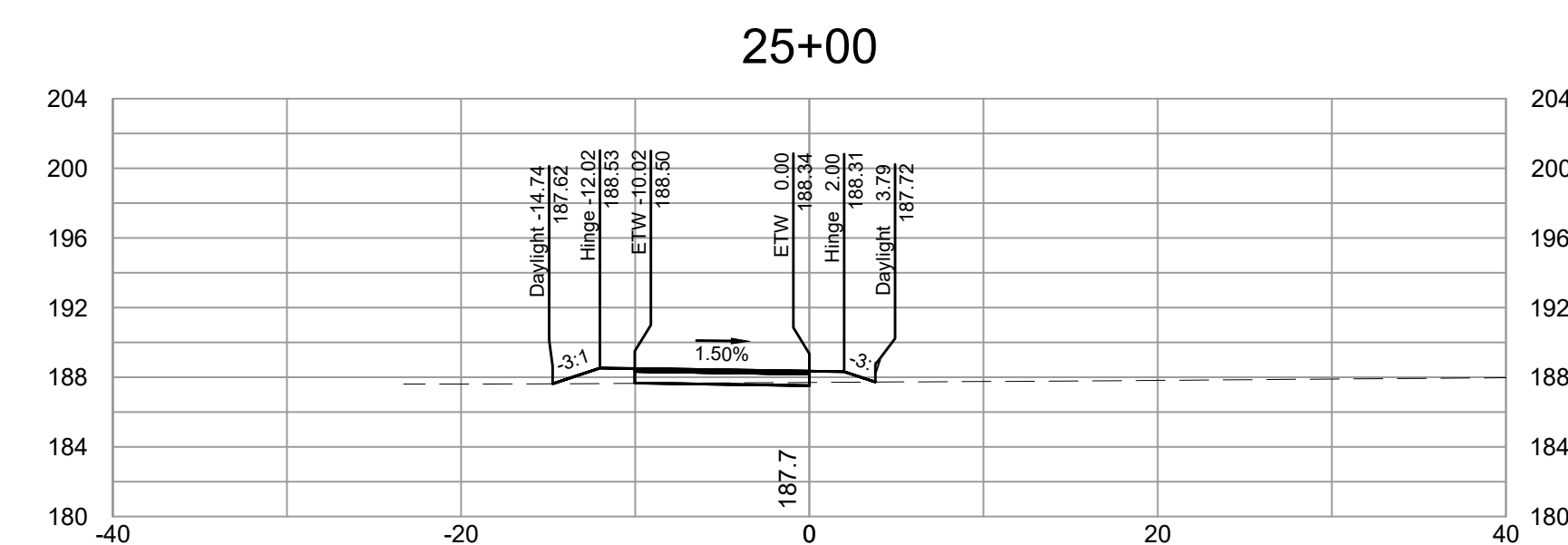
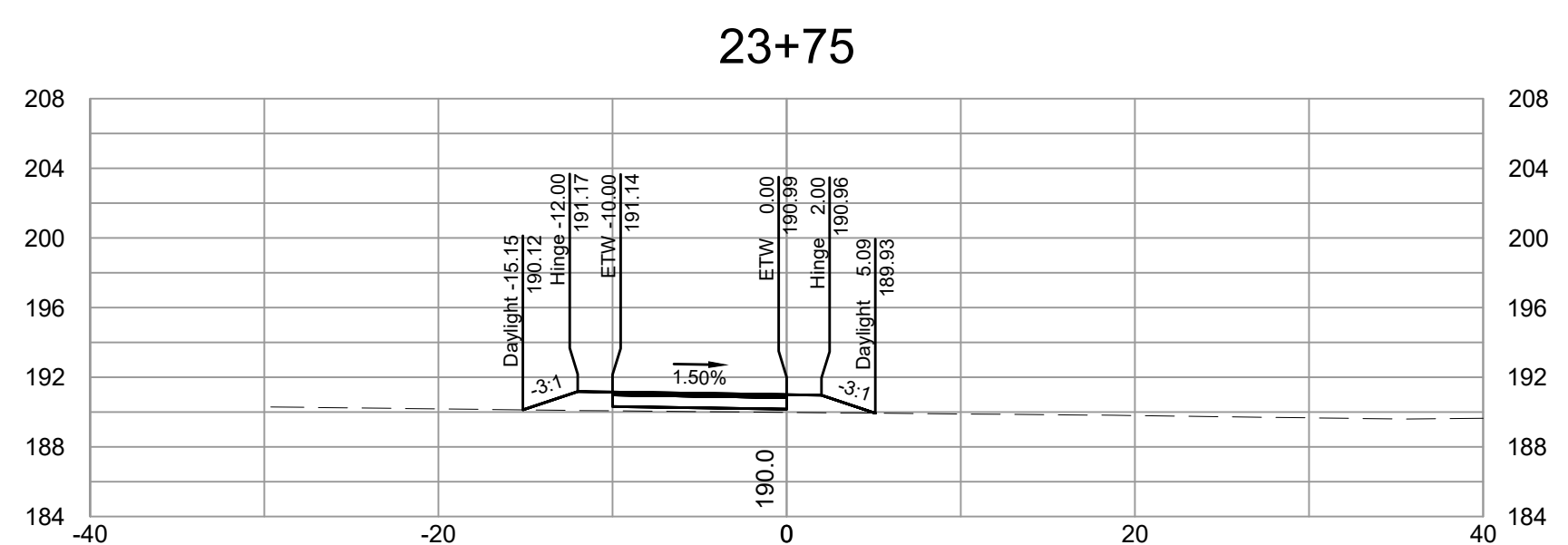
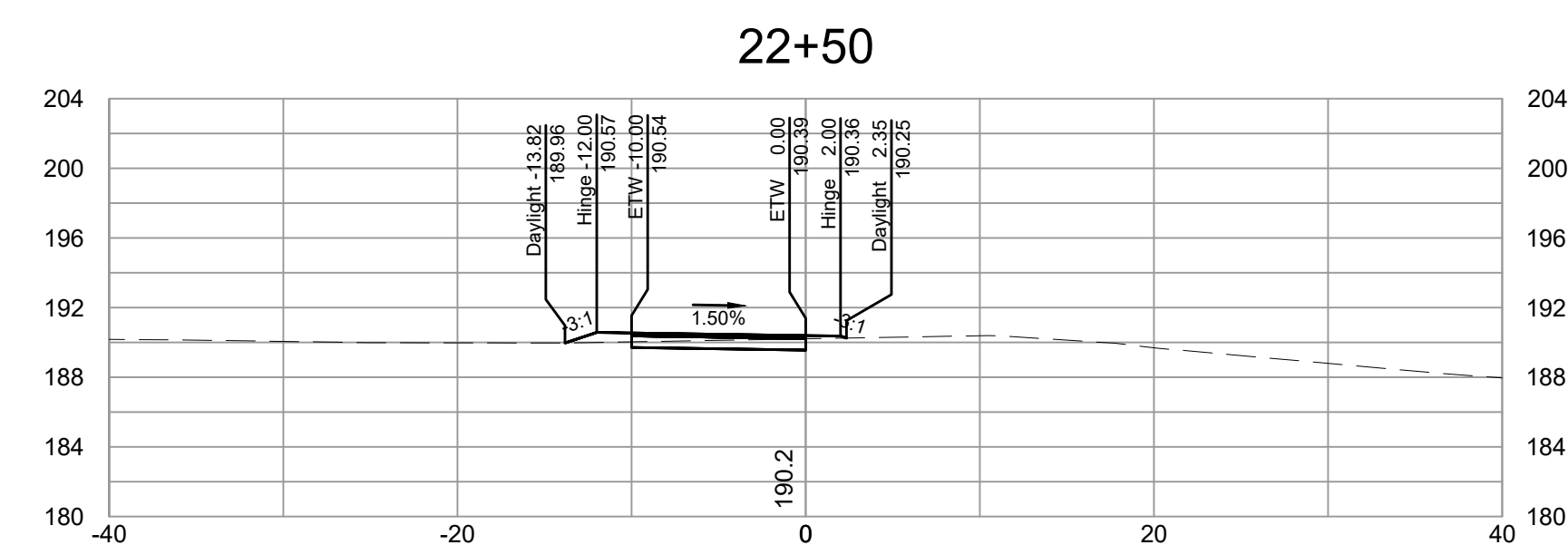
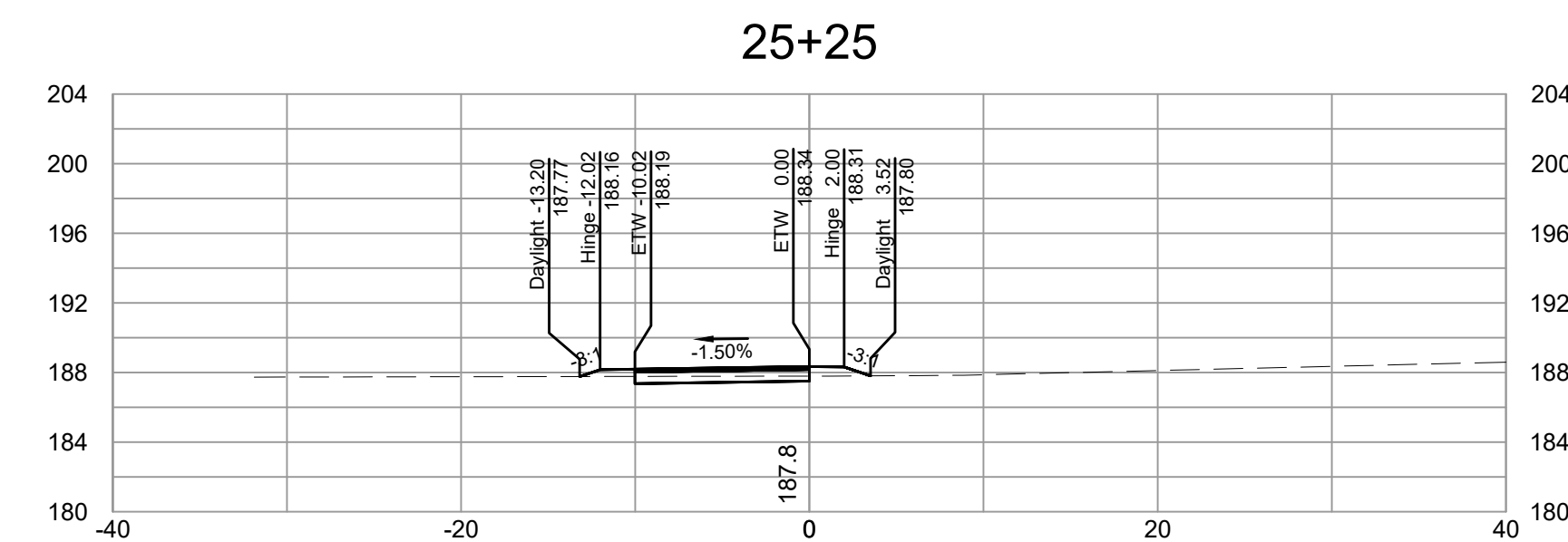
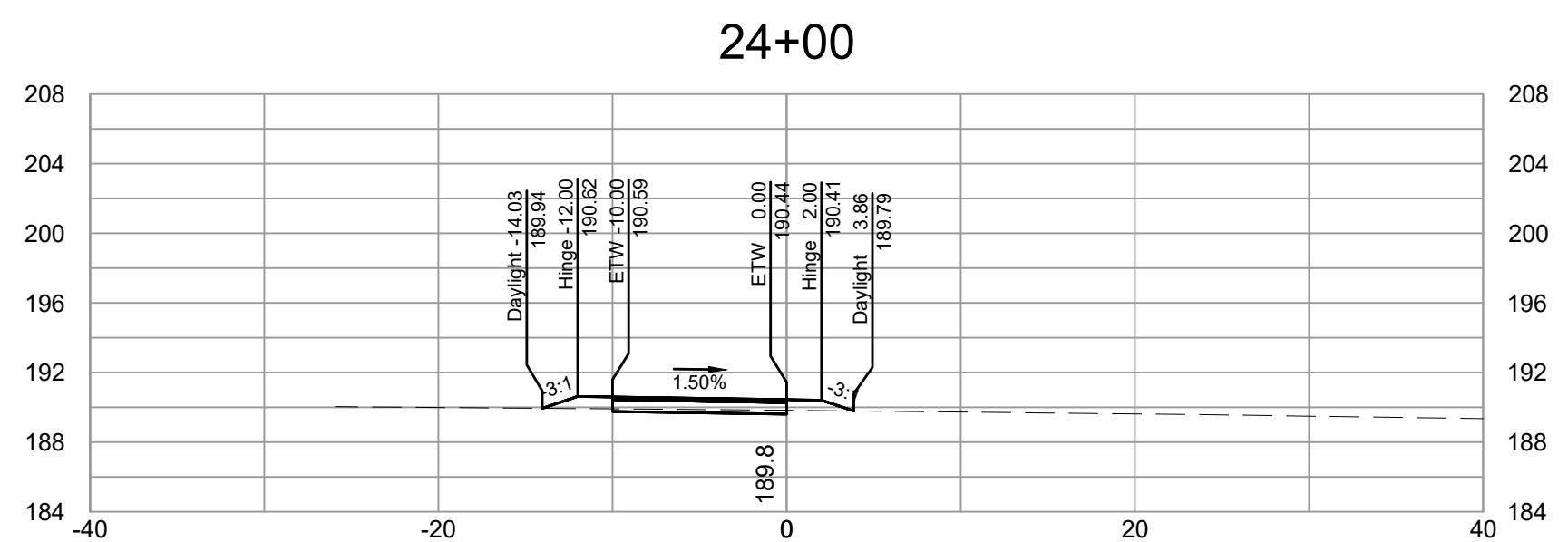
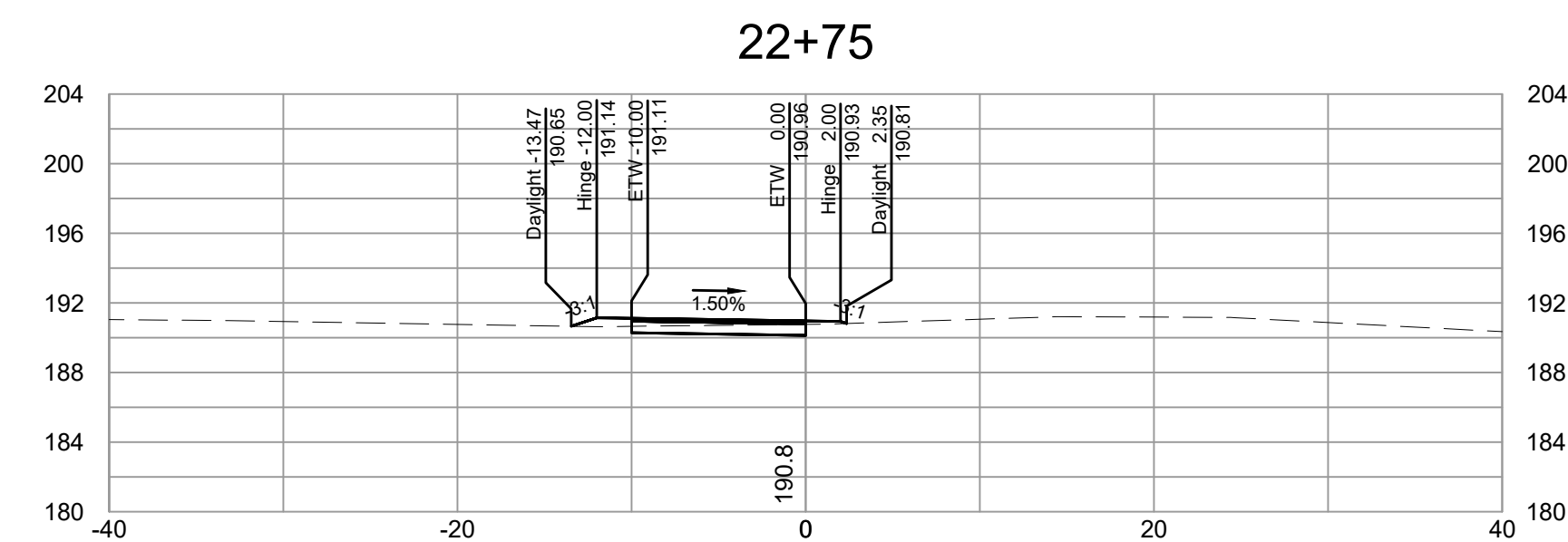


DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA



FALL LINE TRAIL - BRYAN PARK CROSS SECTIONS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALAR: HORIZ. 1"=10' VERT. N/A	DATE: 5/31/24	SHEET: XS03	DRAWING NO.: N-29103
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SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

L:\2024\703-FLT_BryanPark\DWG\Sheet\CD\65765-203C-XS01.dwg | Plotted on 5/30/2024 5:42 PM | by Kaitlyn Jenkins

NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

LEGEND

REFERENCES	REVISIONS

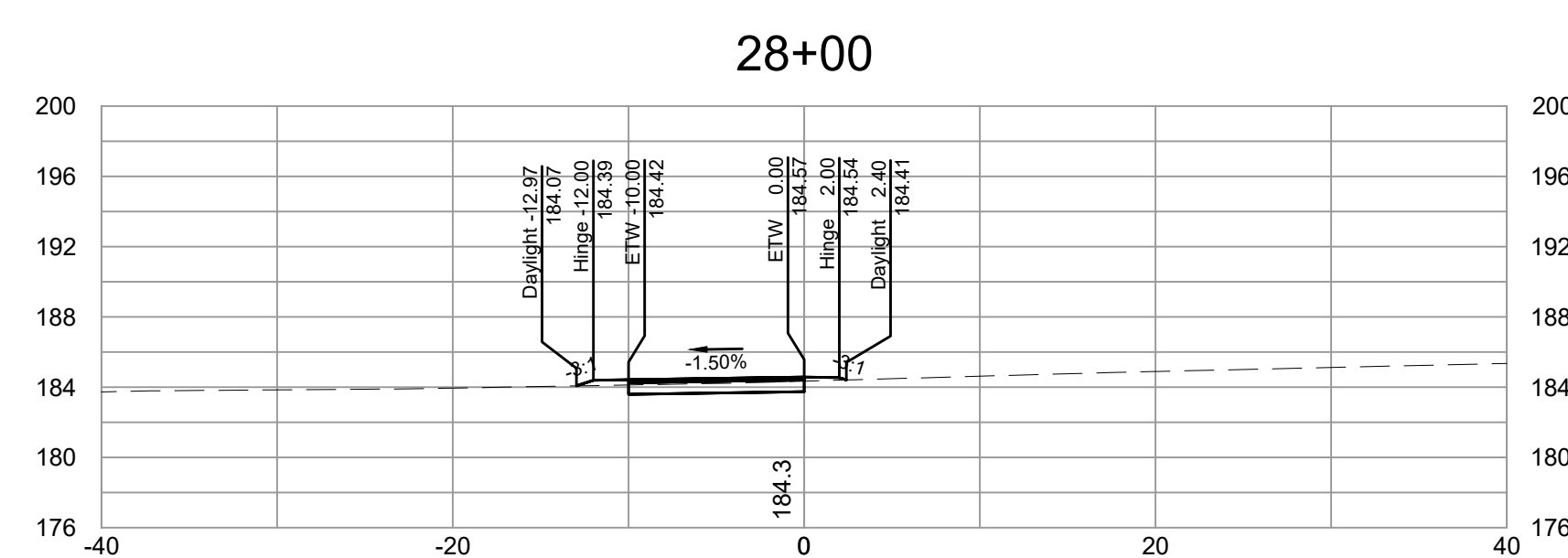
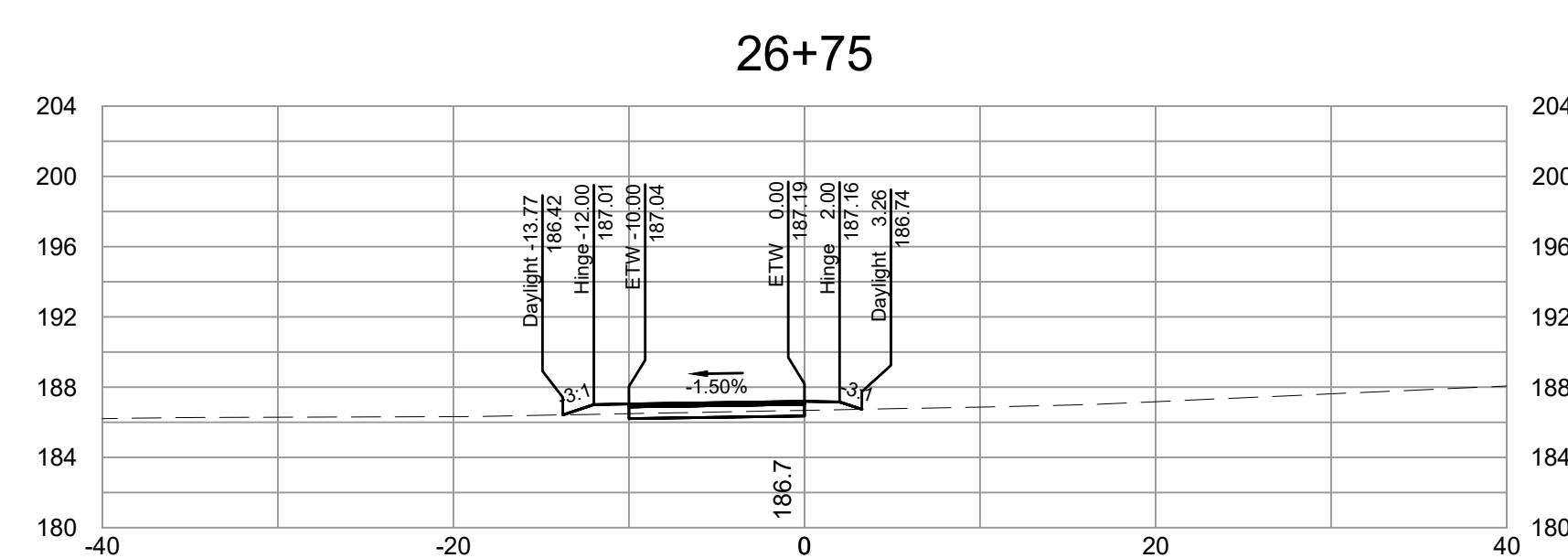
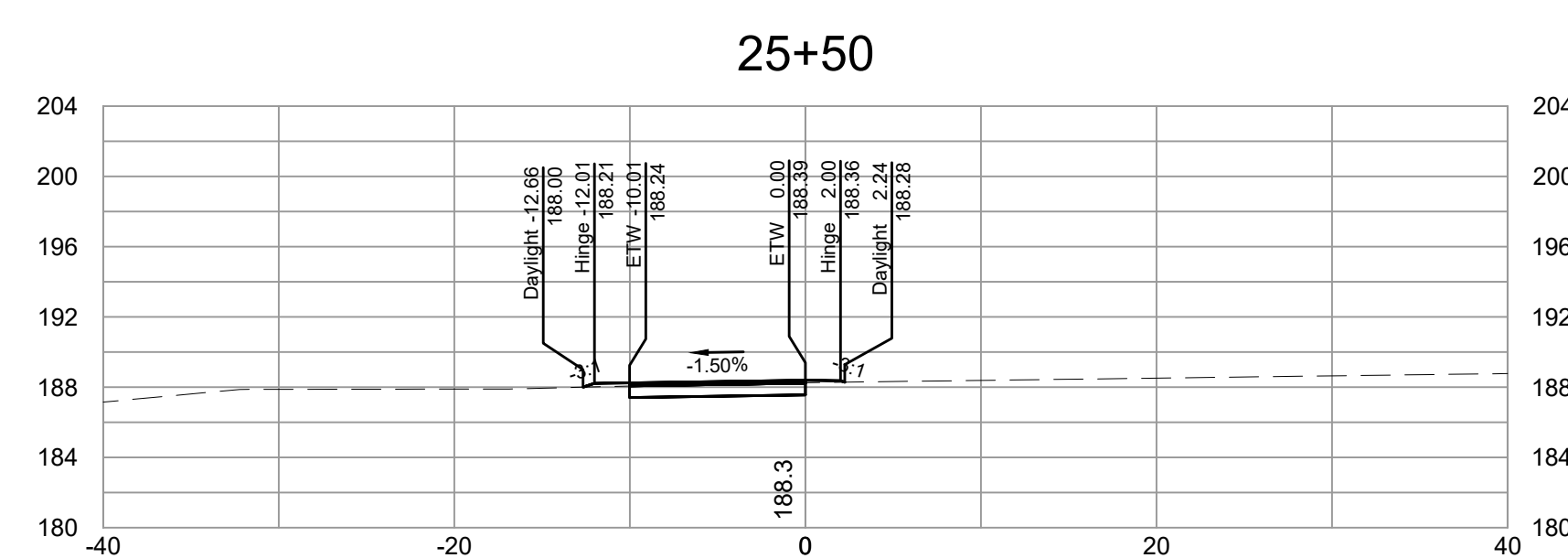
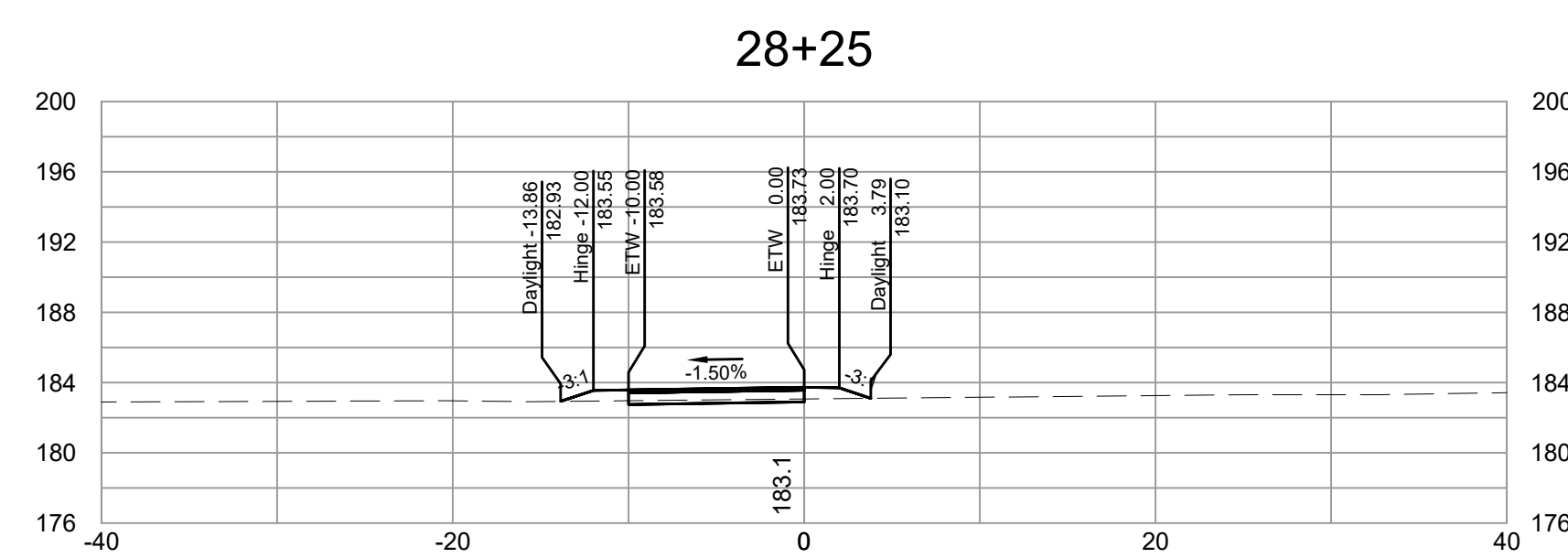
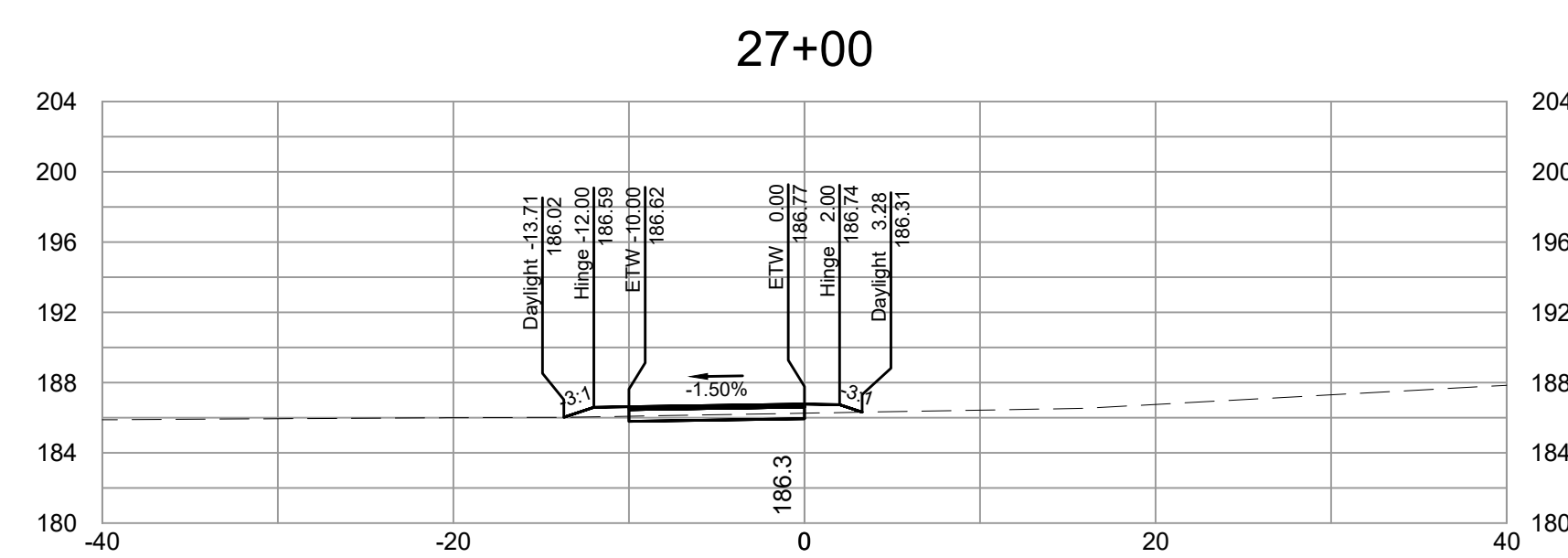
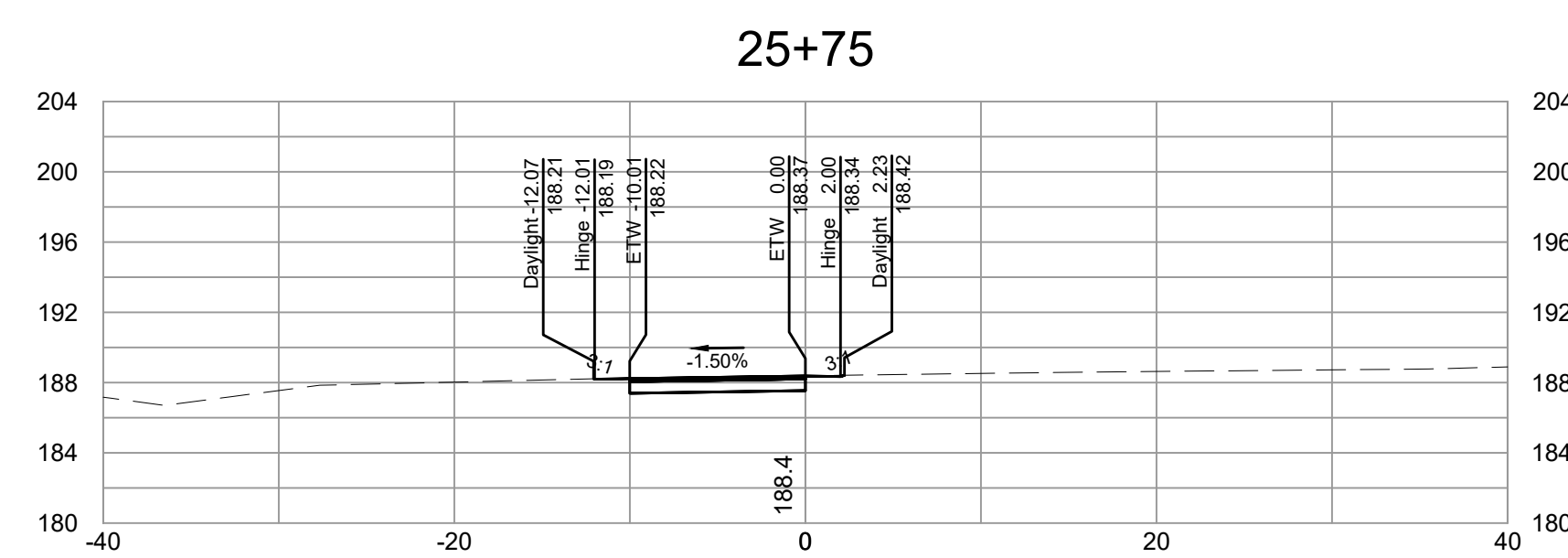
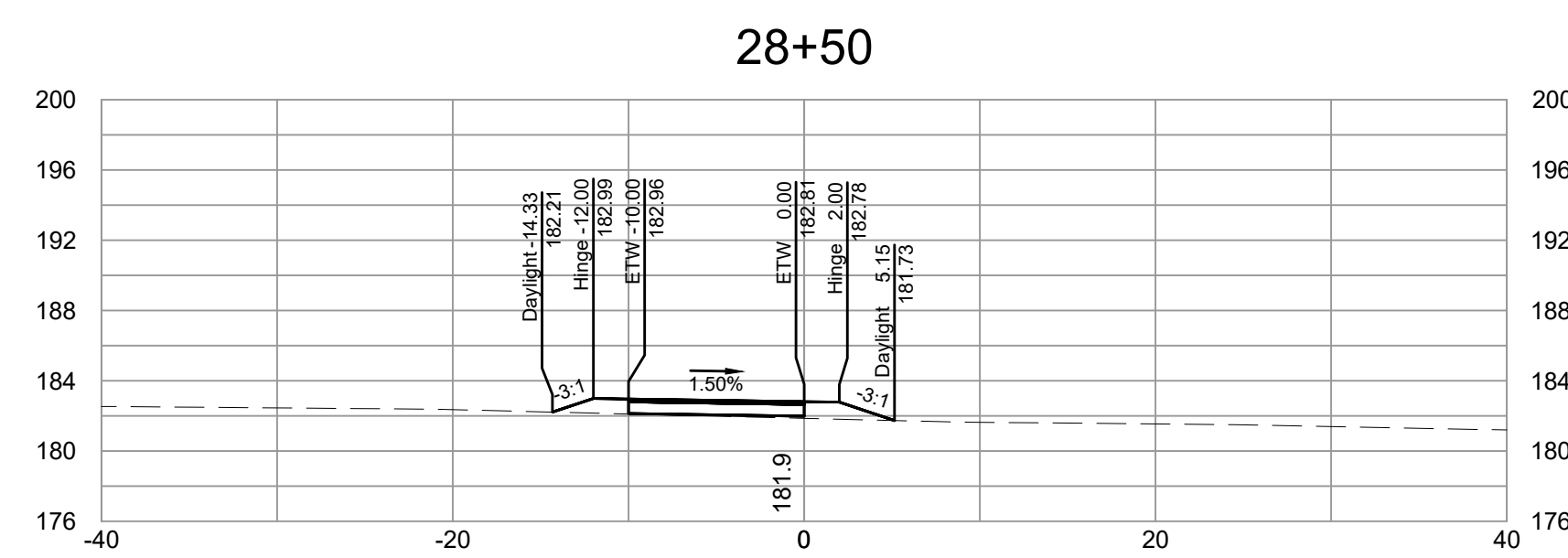
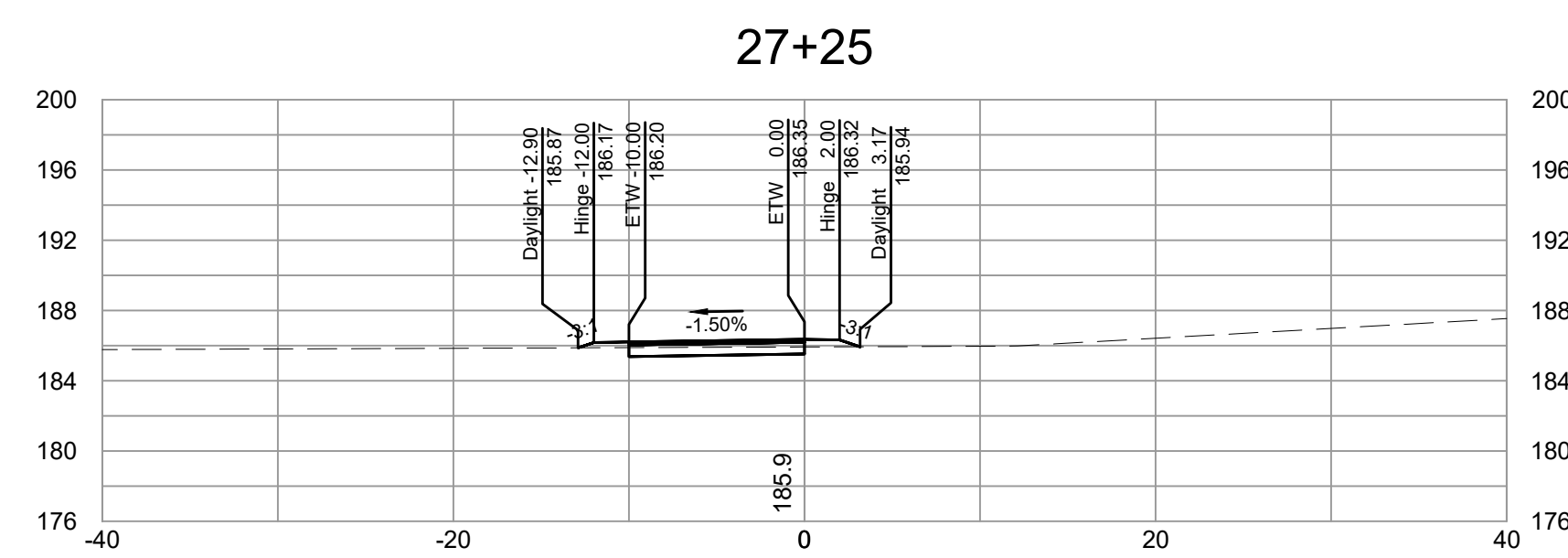
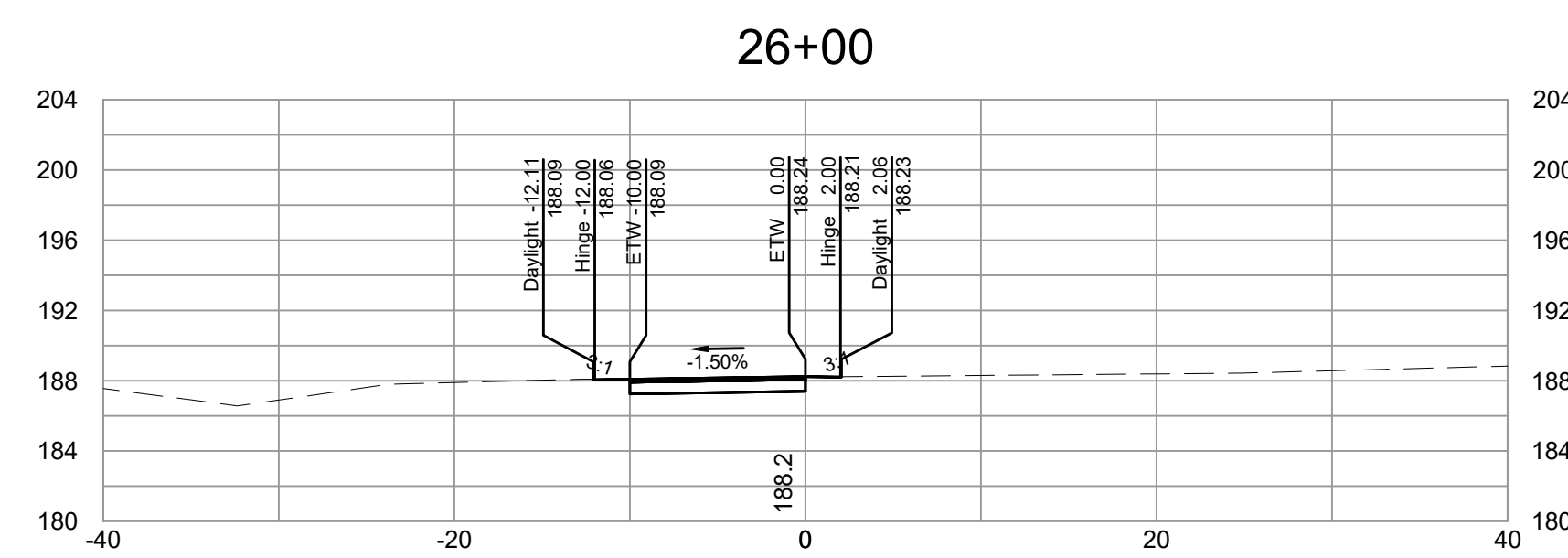
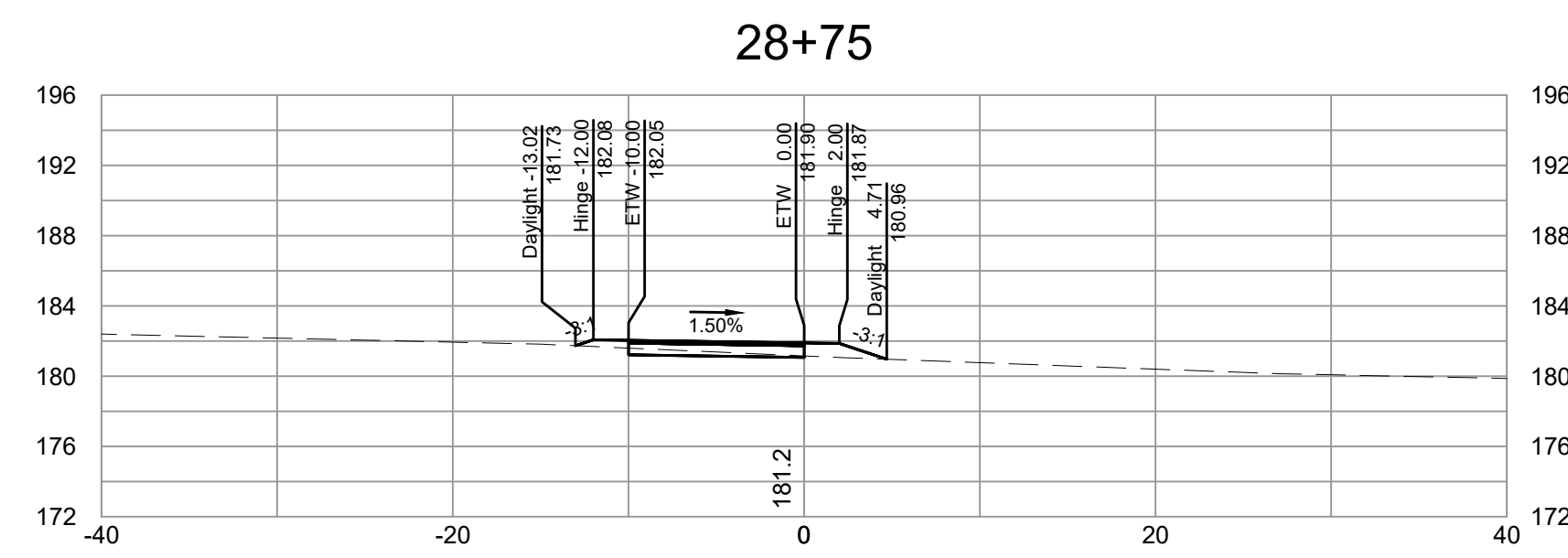
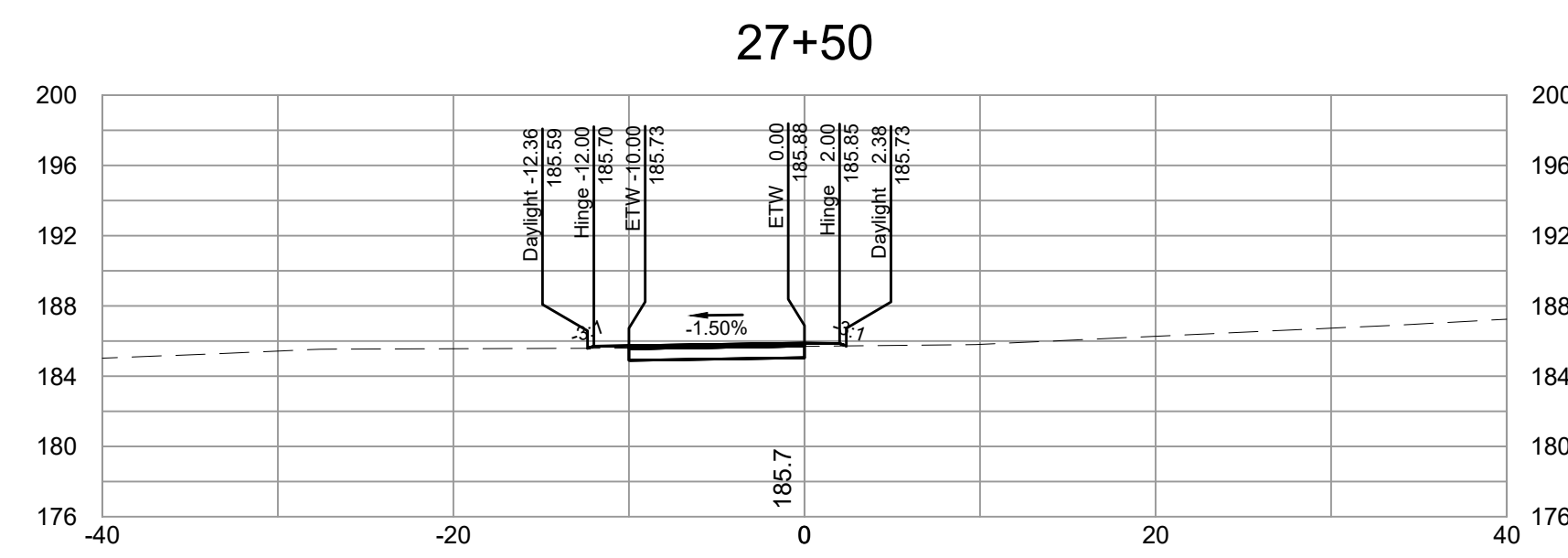
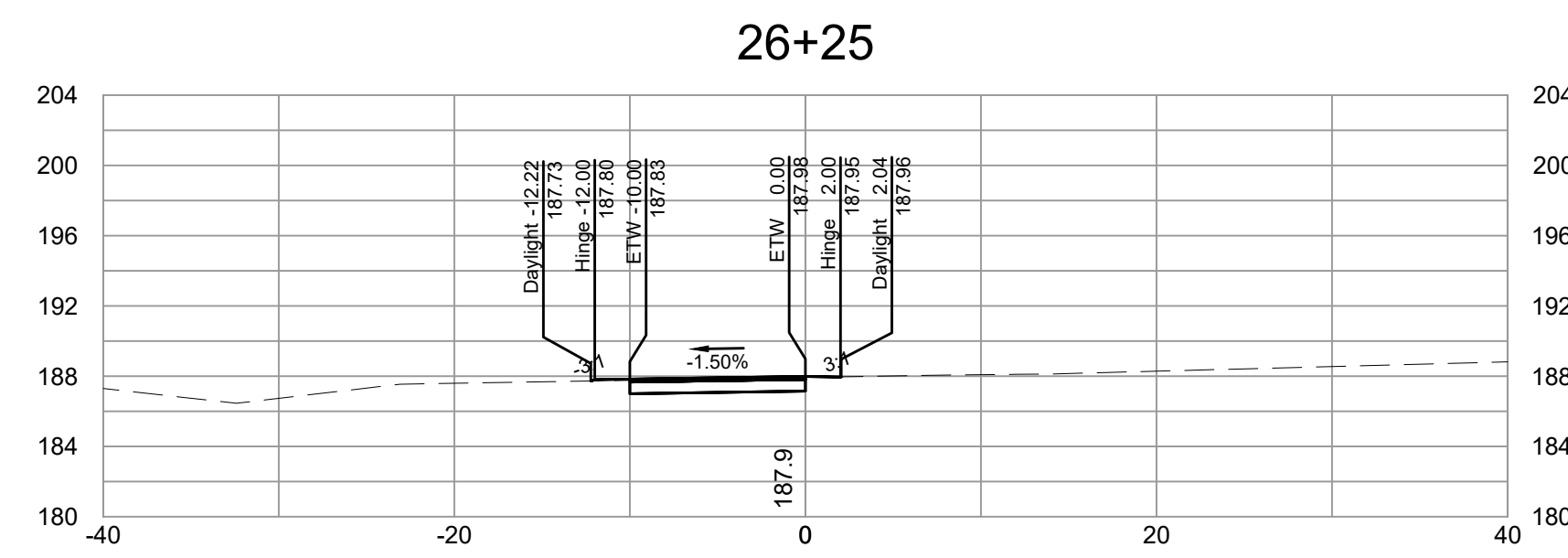
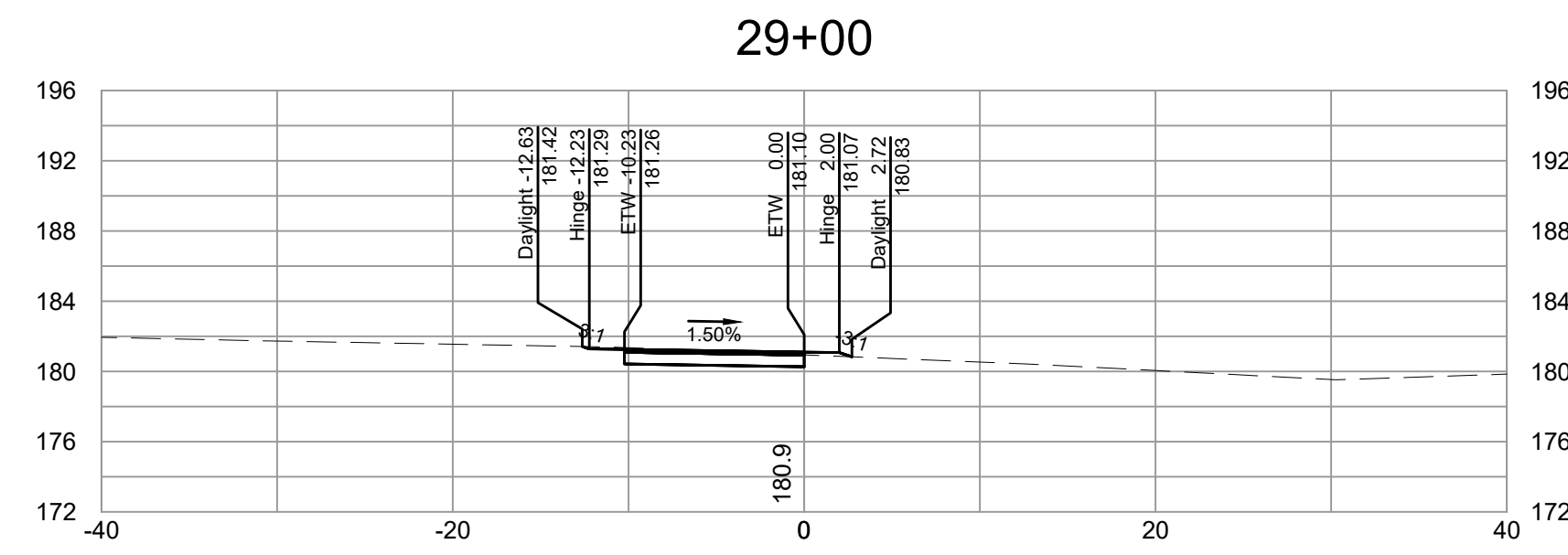
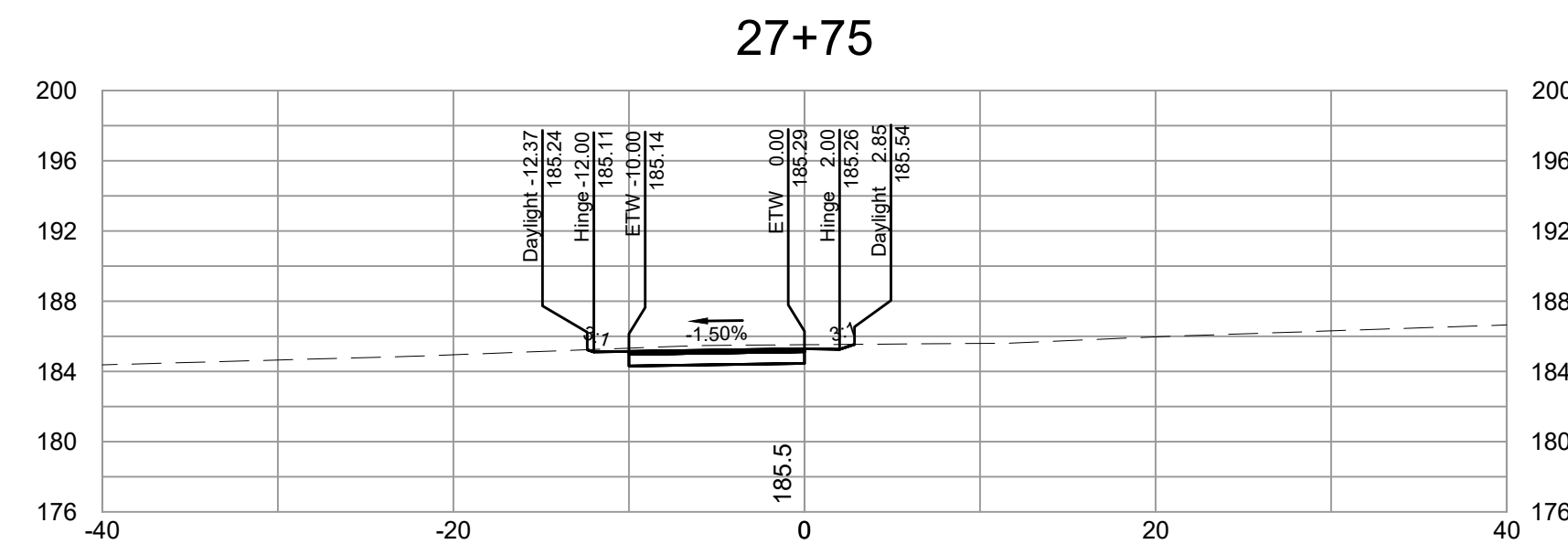
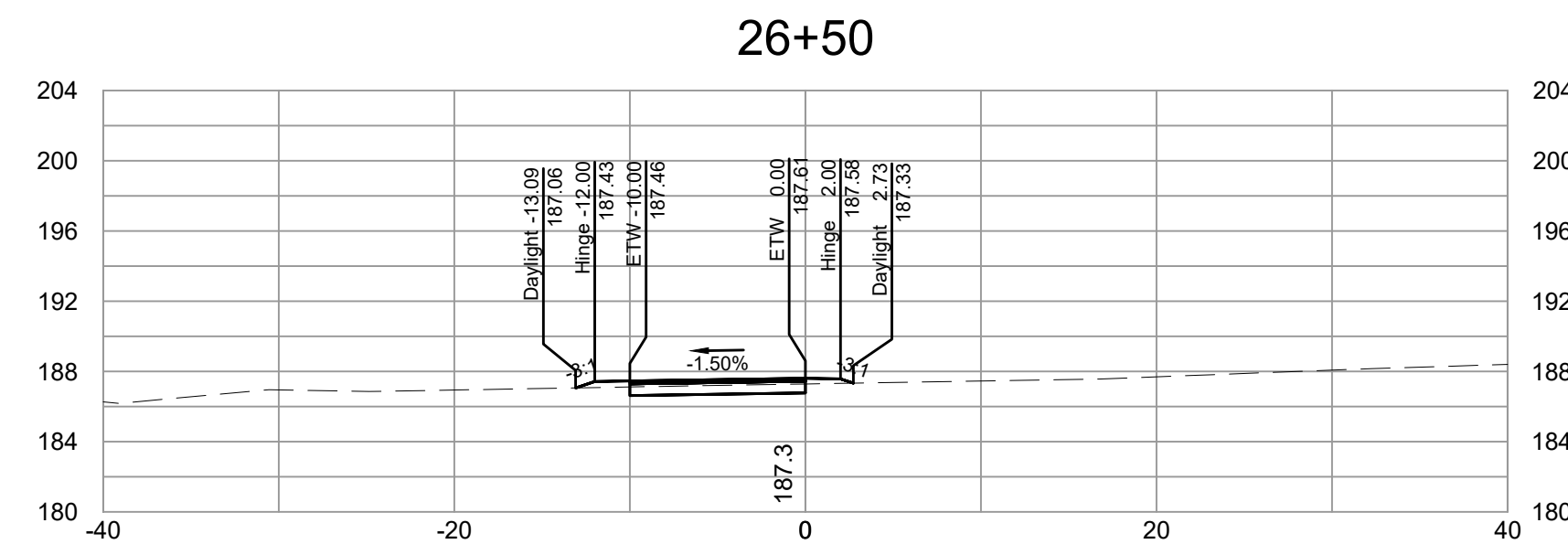


DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA



FALL LINE TRAIL - BRYAN PARK
CROSS SECTIONS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALAR: HORIZ. 1"=10' VERT. N/A	DATE: 5/31/24	SHEET: XS04	DRAWING NO.: N-29103
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SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

L:\2024\2403\2403-FLT_BryanPark\DWG\Sheet\CD\63783-203C-XS01x.dwg | Plotted on 5/30/2024 5:42 PM | by Kaitlyn Jenkins

NOTES

- Lot dimensions in parentheses are from deed.
- Property owners correct as of _____, 2024
- Ordinance Number N/A
- Adopted N/A
- Accepted N/A

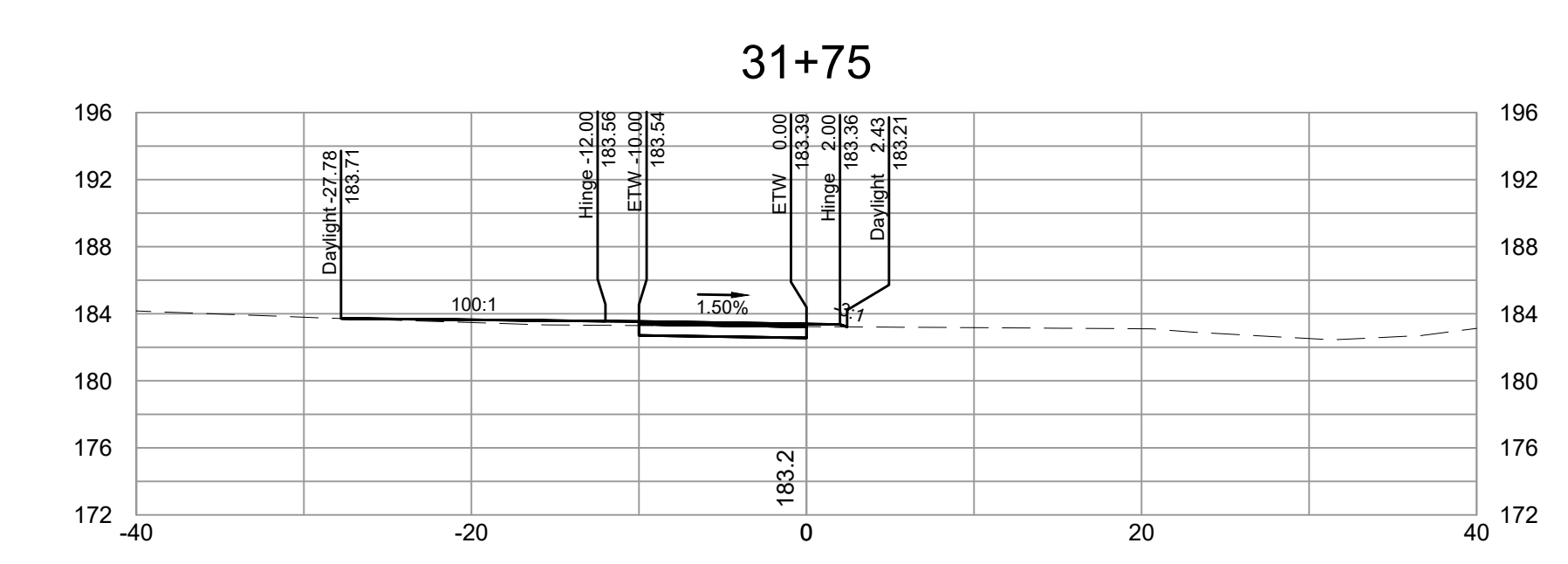
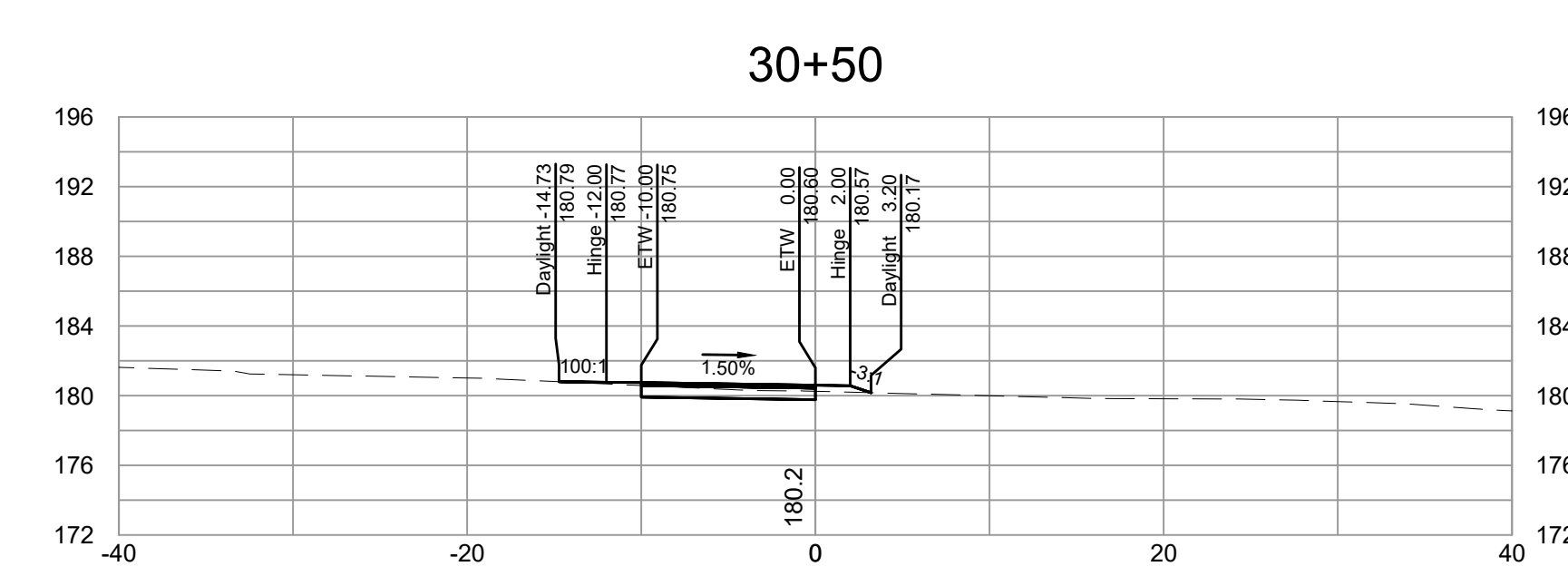
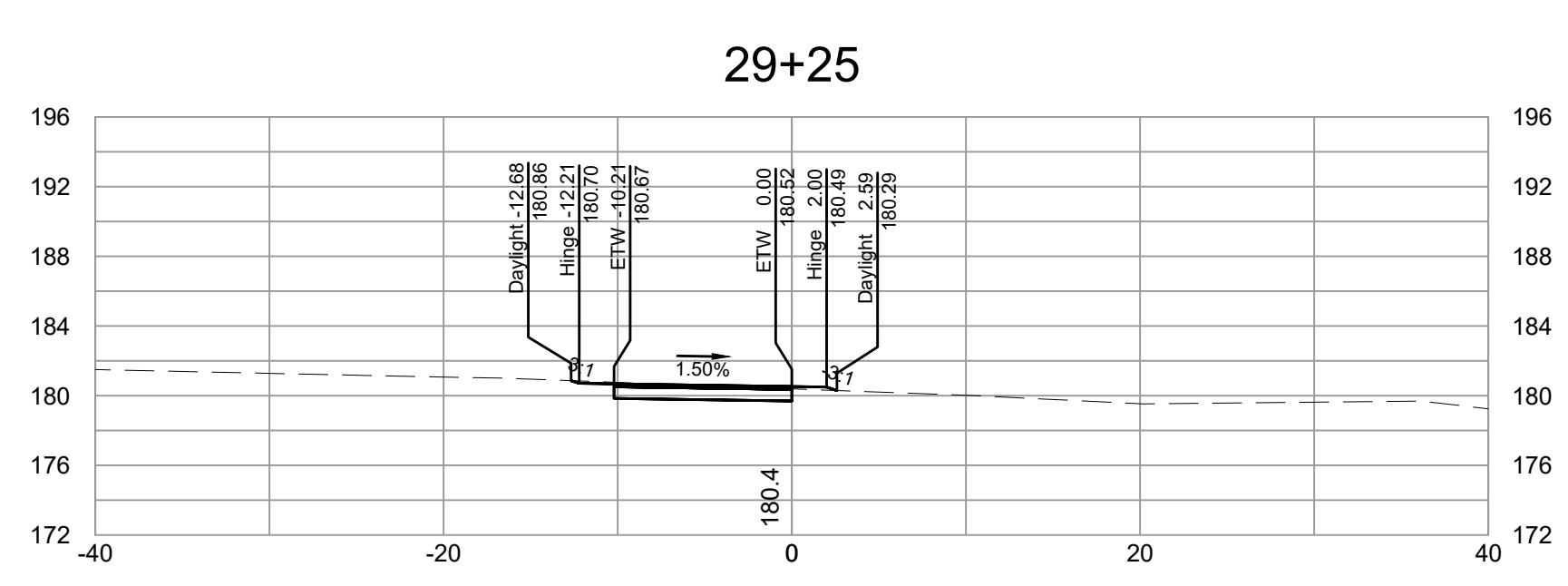
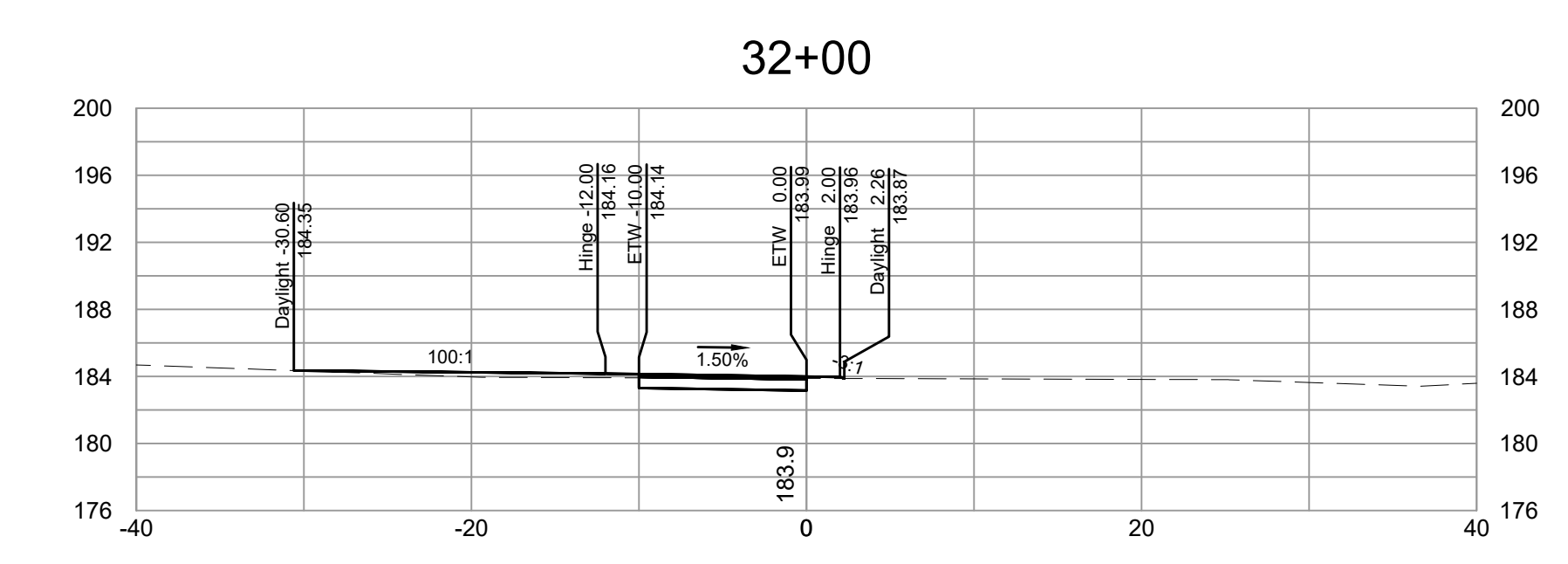
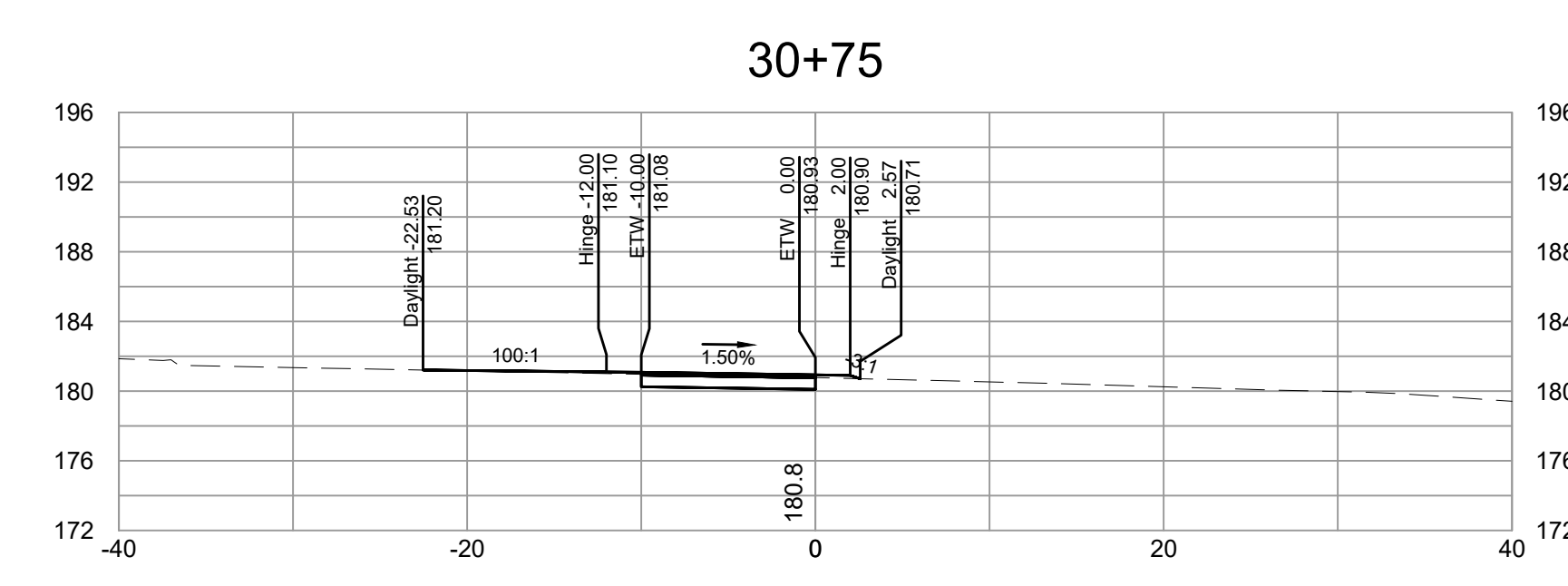
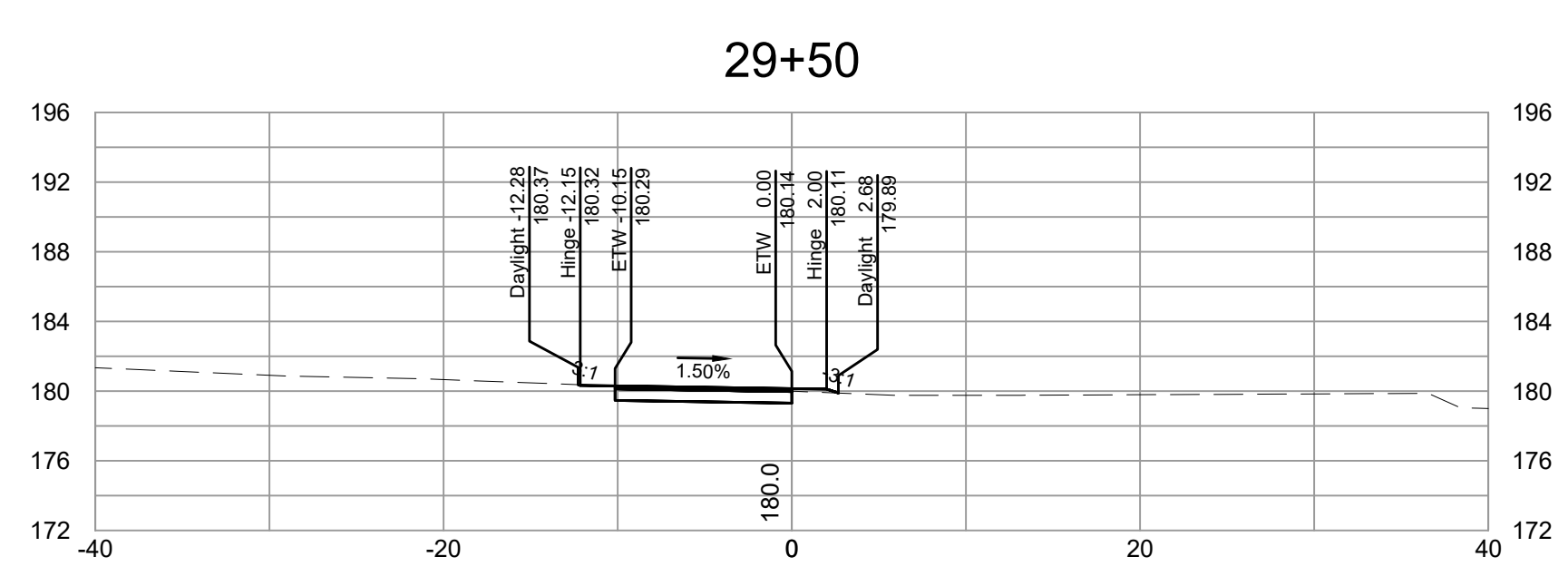
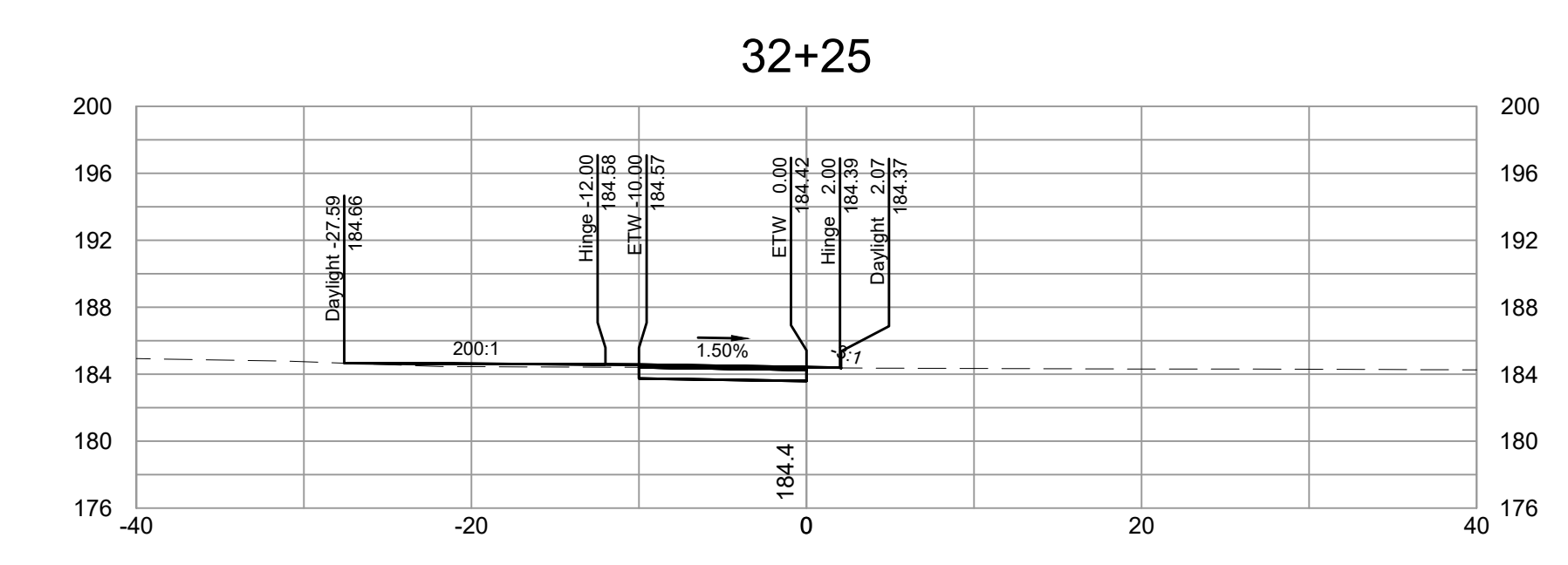
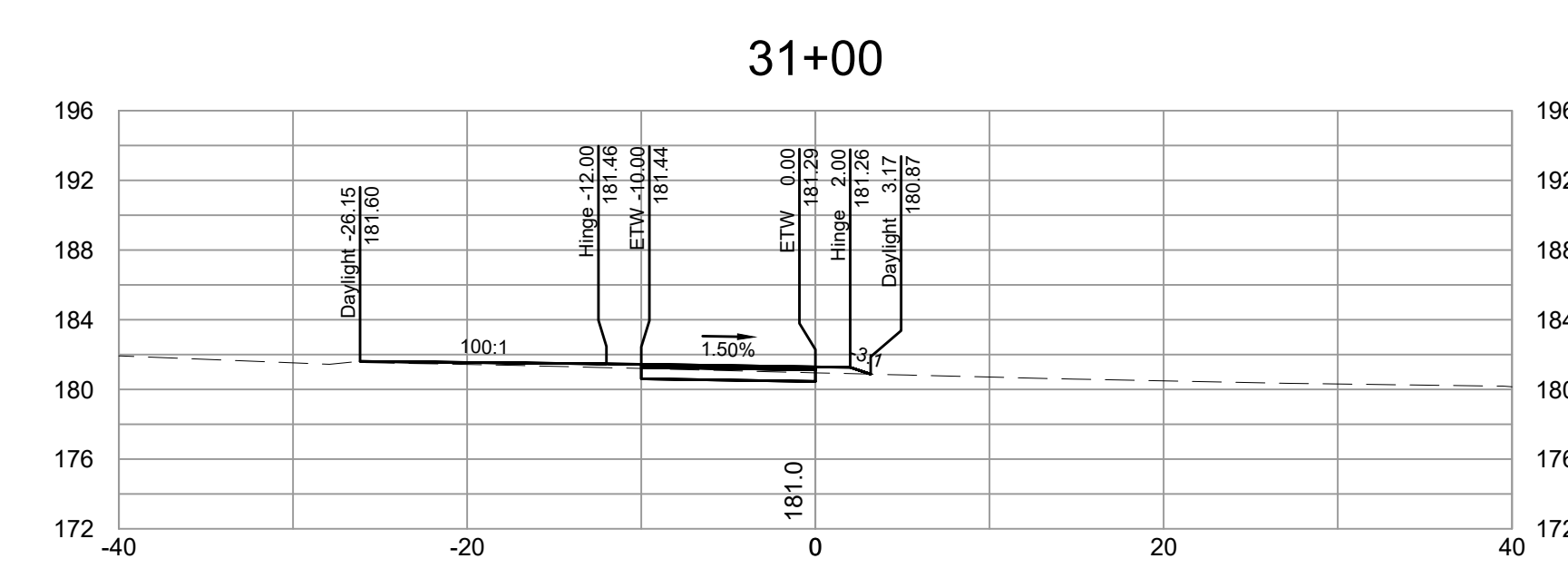
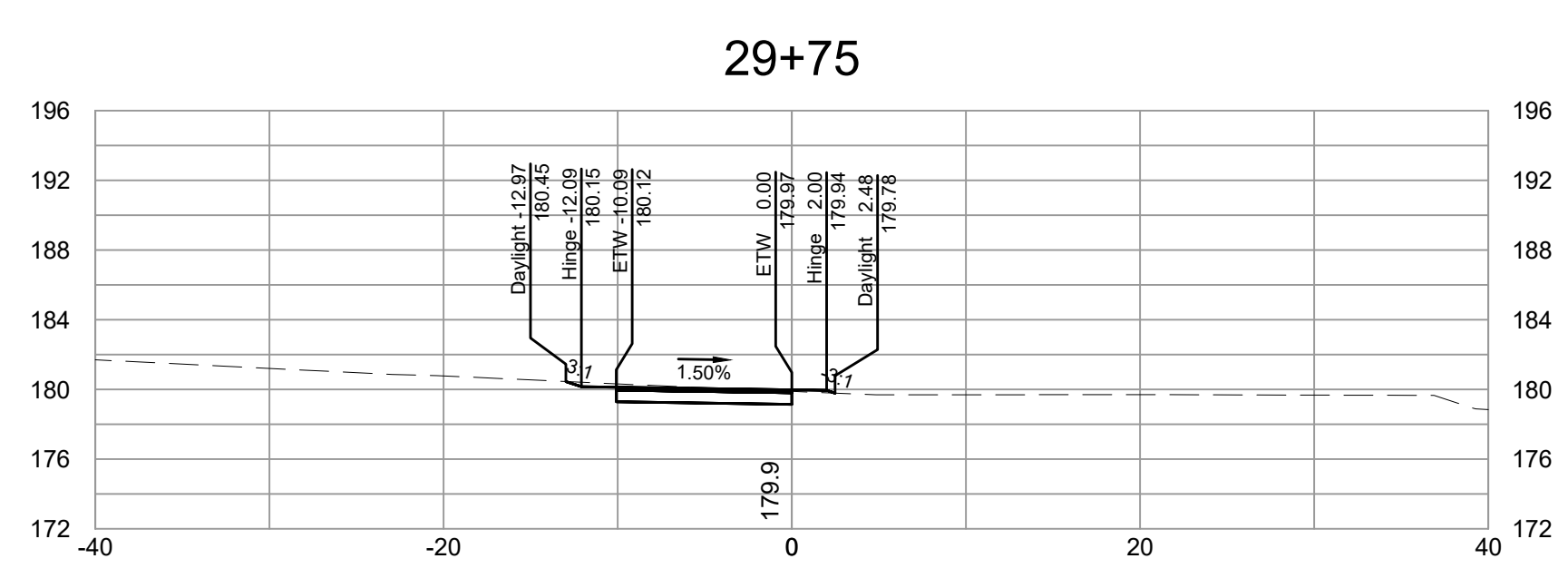
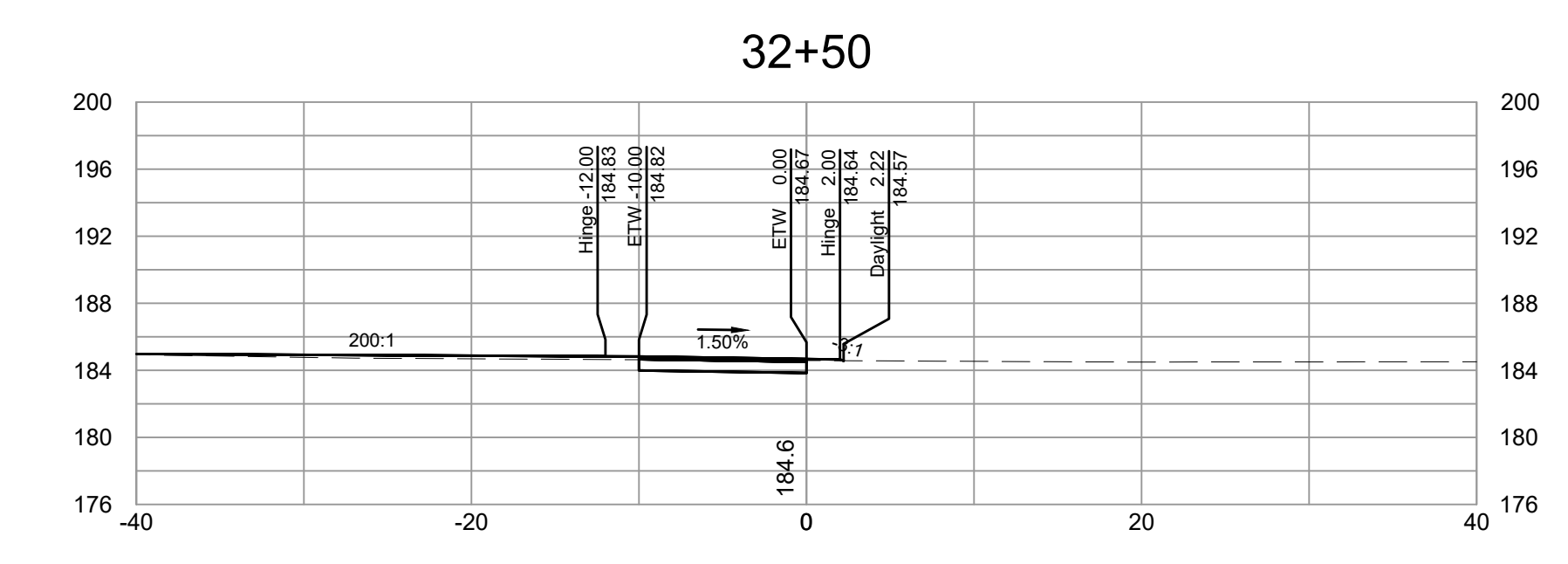
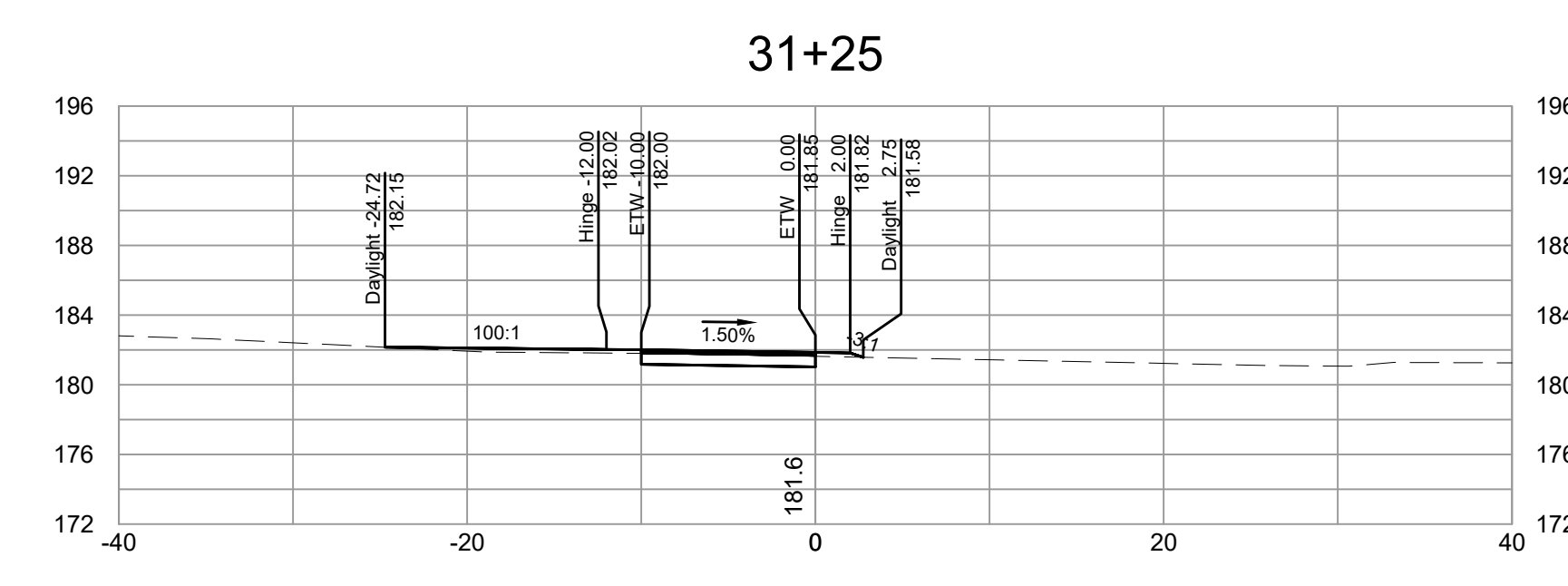
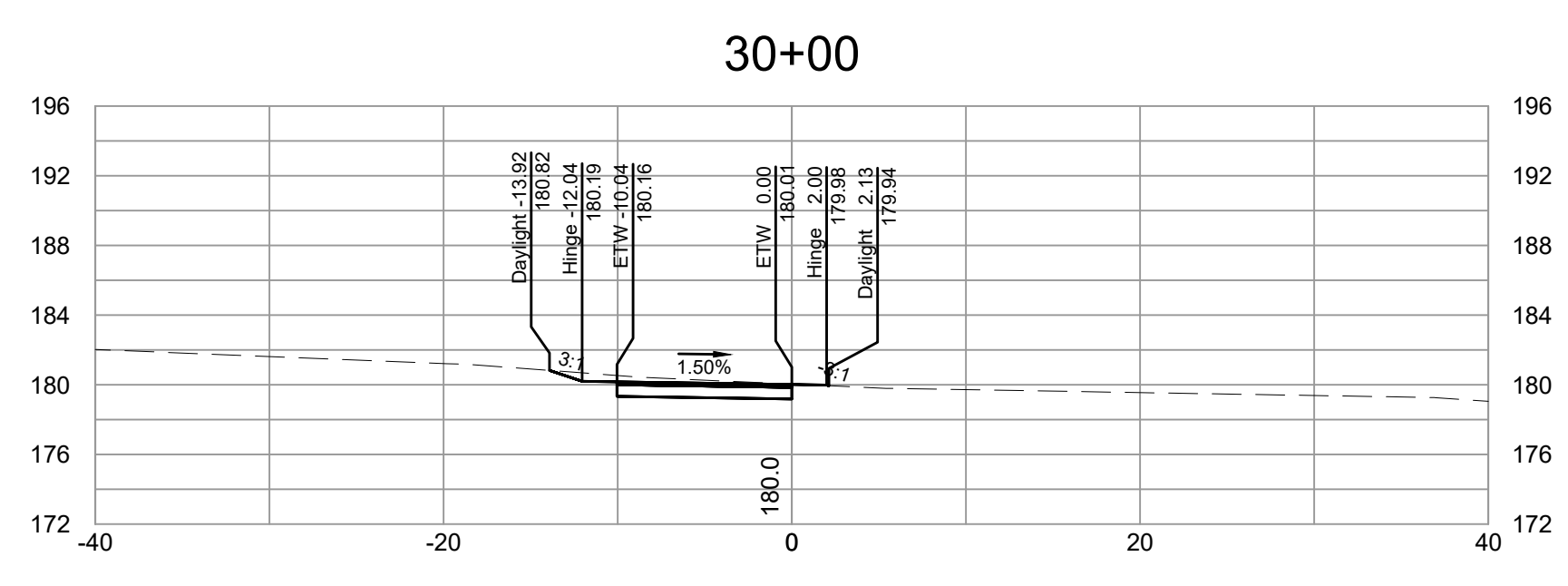
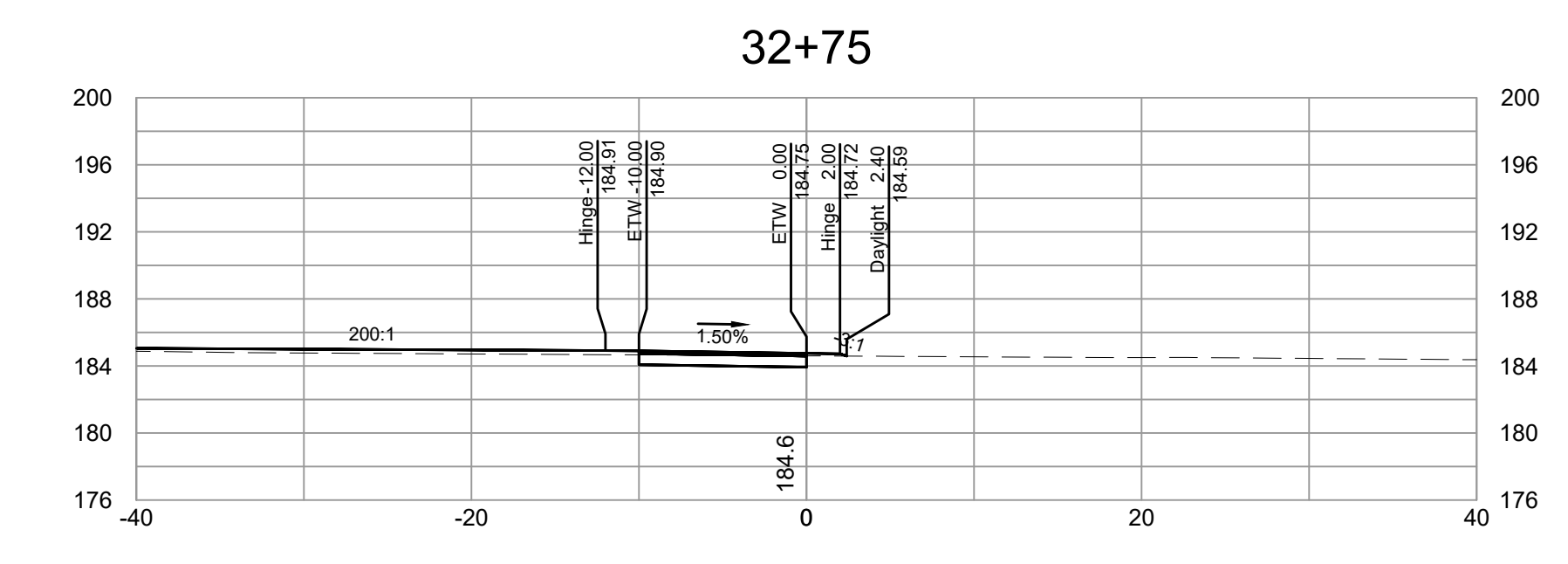
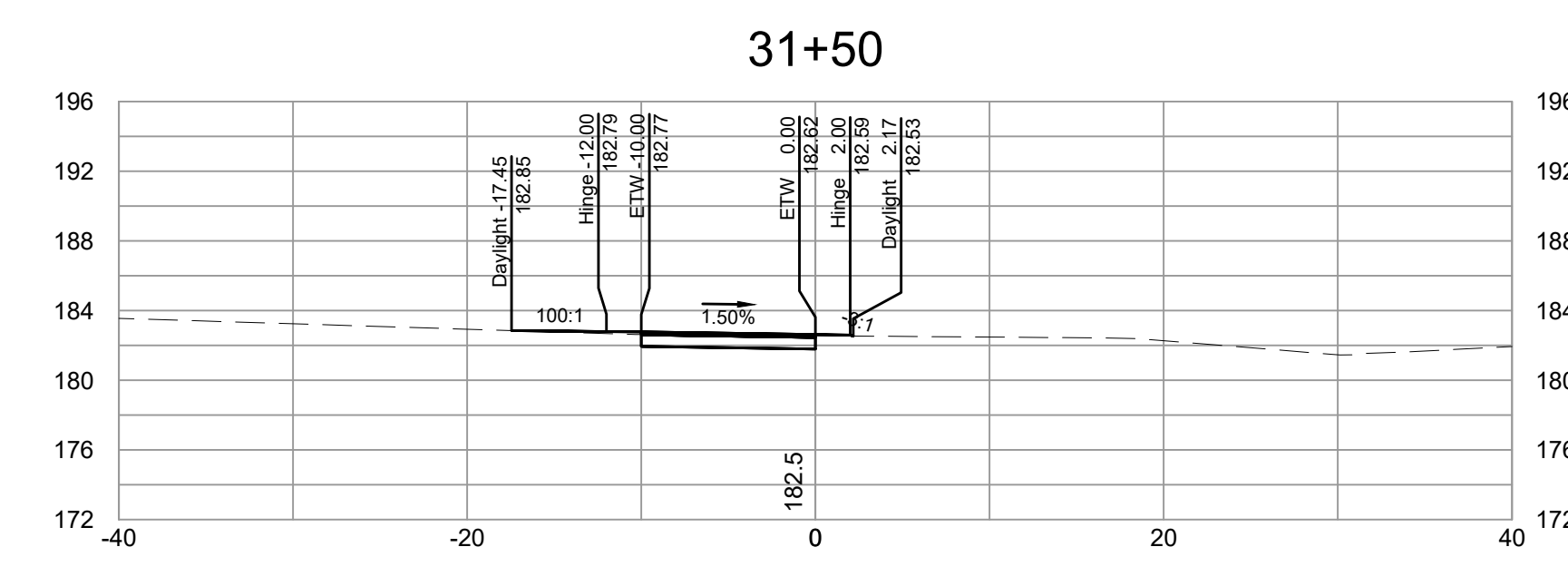
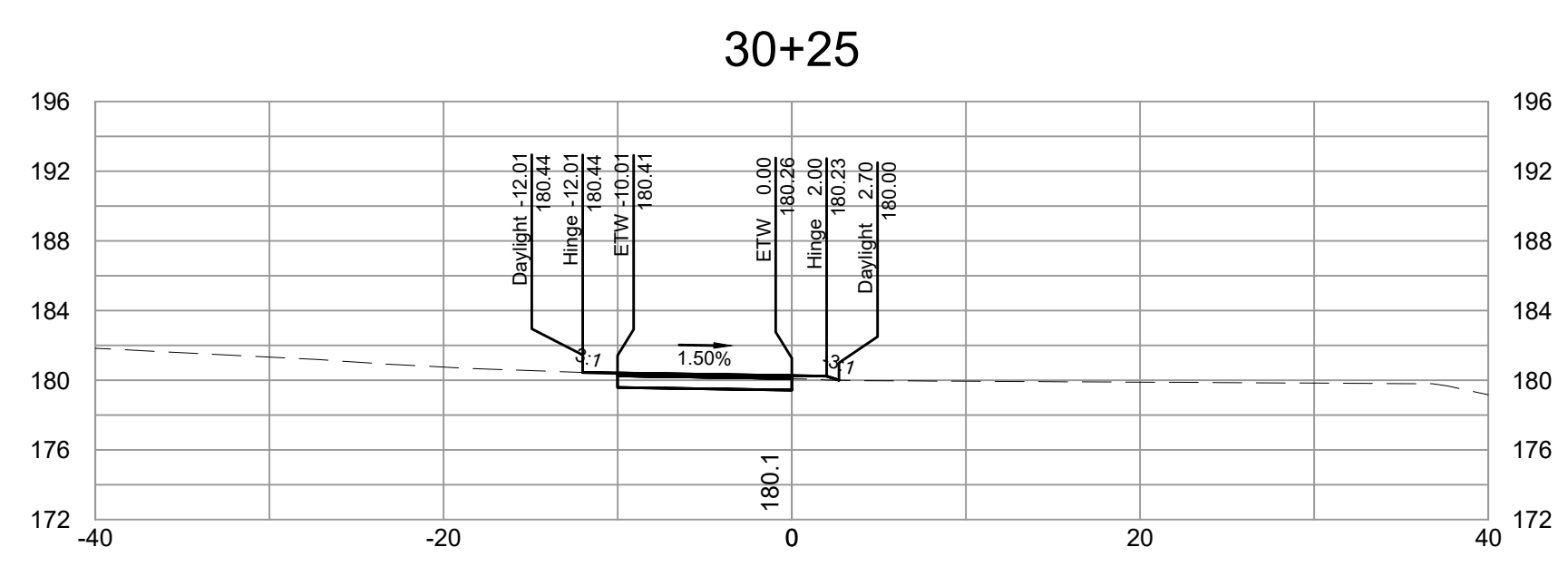
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REFERENCES	REVISIONS



**FALL LINE TRAIL - BRYAN PARK
 CROSS SECTIONS**

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1"=10'	DATE: 5/31/24	SHEET: XS05	DRAWING NO.: N-29103
CHECKED BY: N. SOUCIE			VERT. N/A			



SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

L:\2019\3783-FLT_BryanPark\DWG\Sheet\CD\65785-203C-XS01x.dwg | Plotted on 5/30/2024 5:42 PM | by Kaitlyn Jenkins

NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

LEGEND



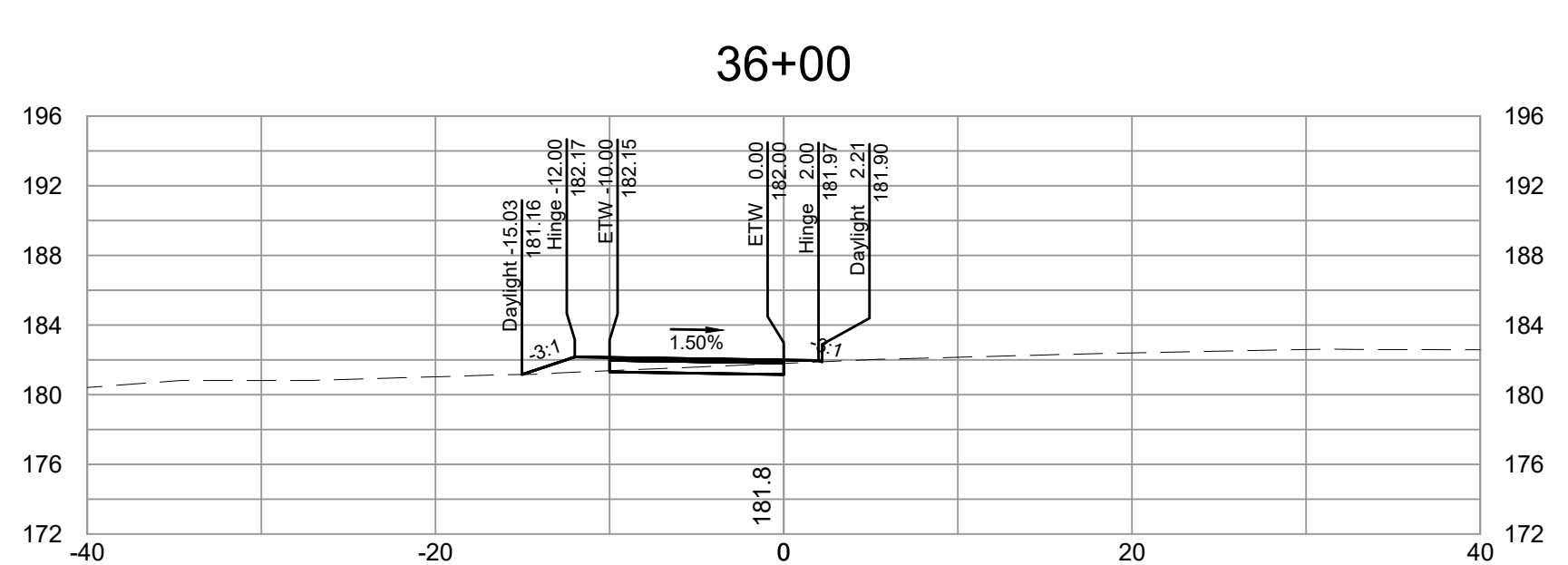
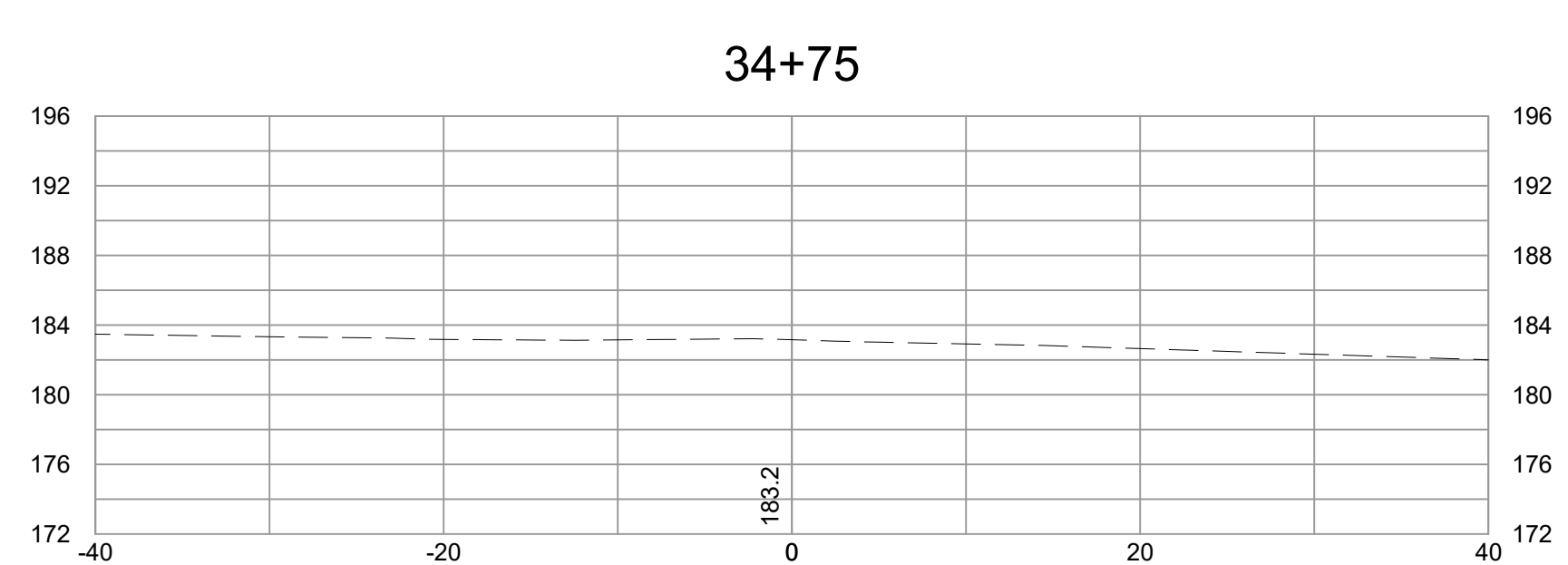
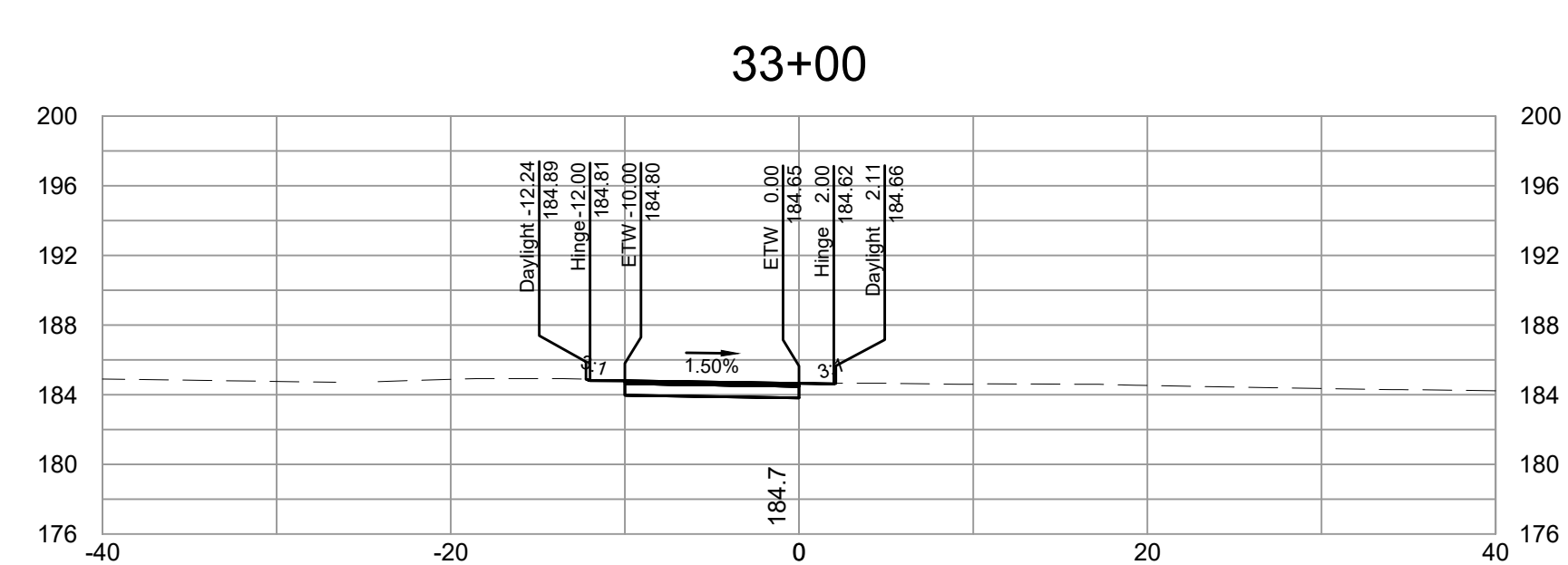
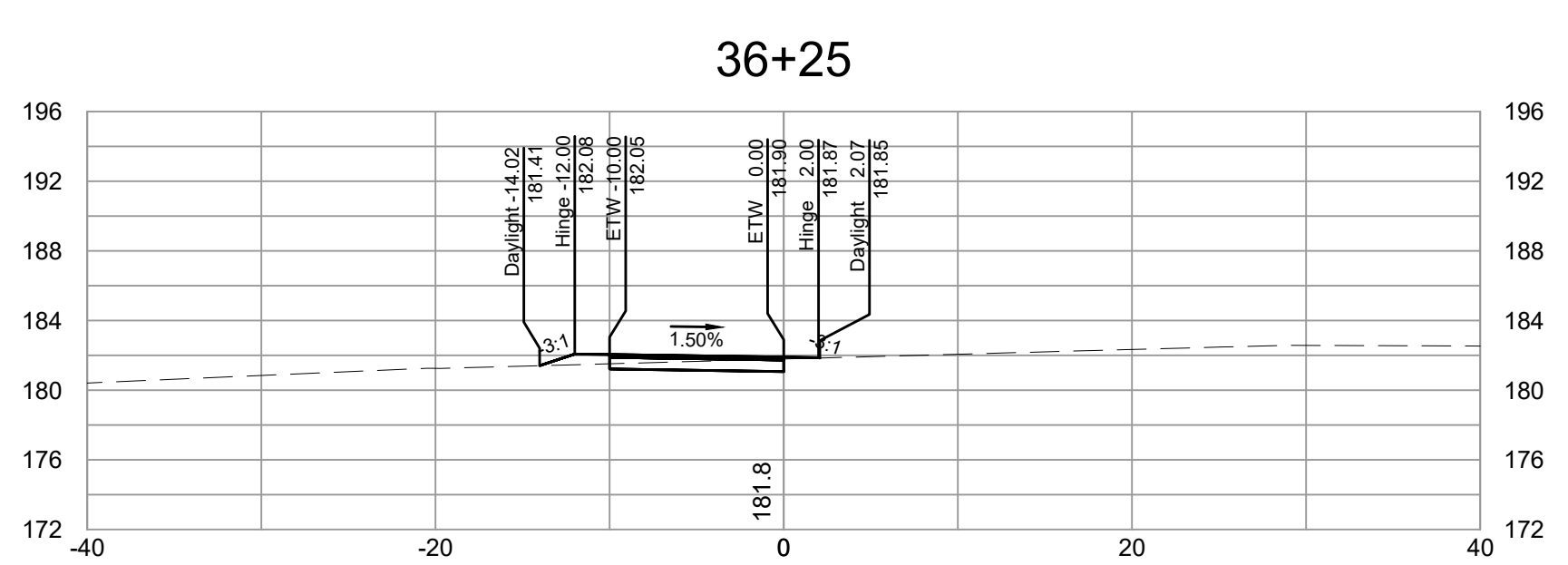
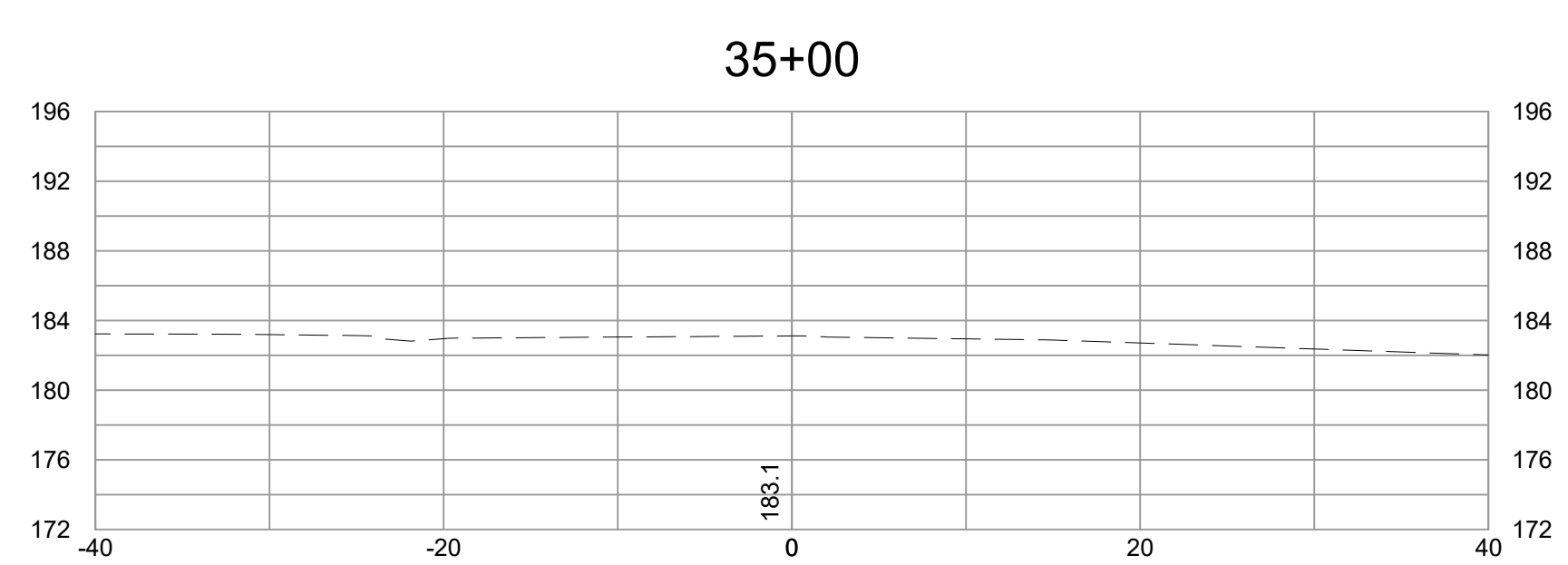
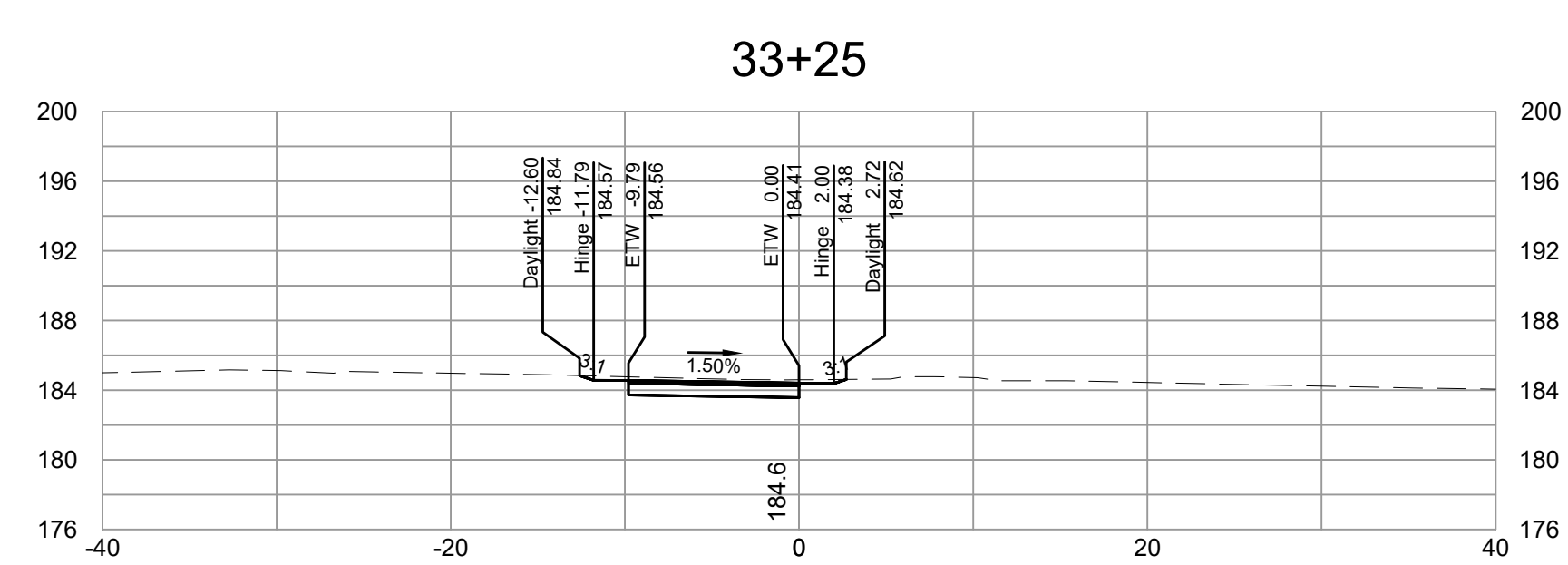
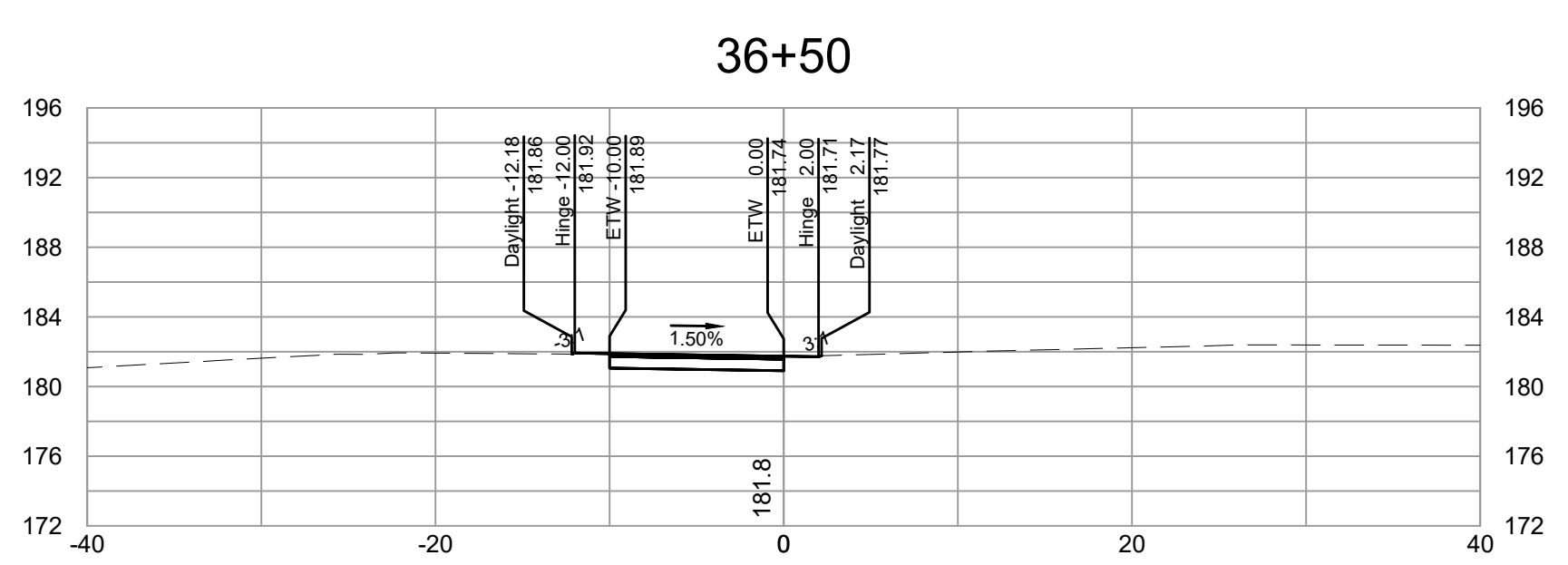
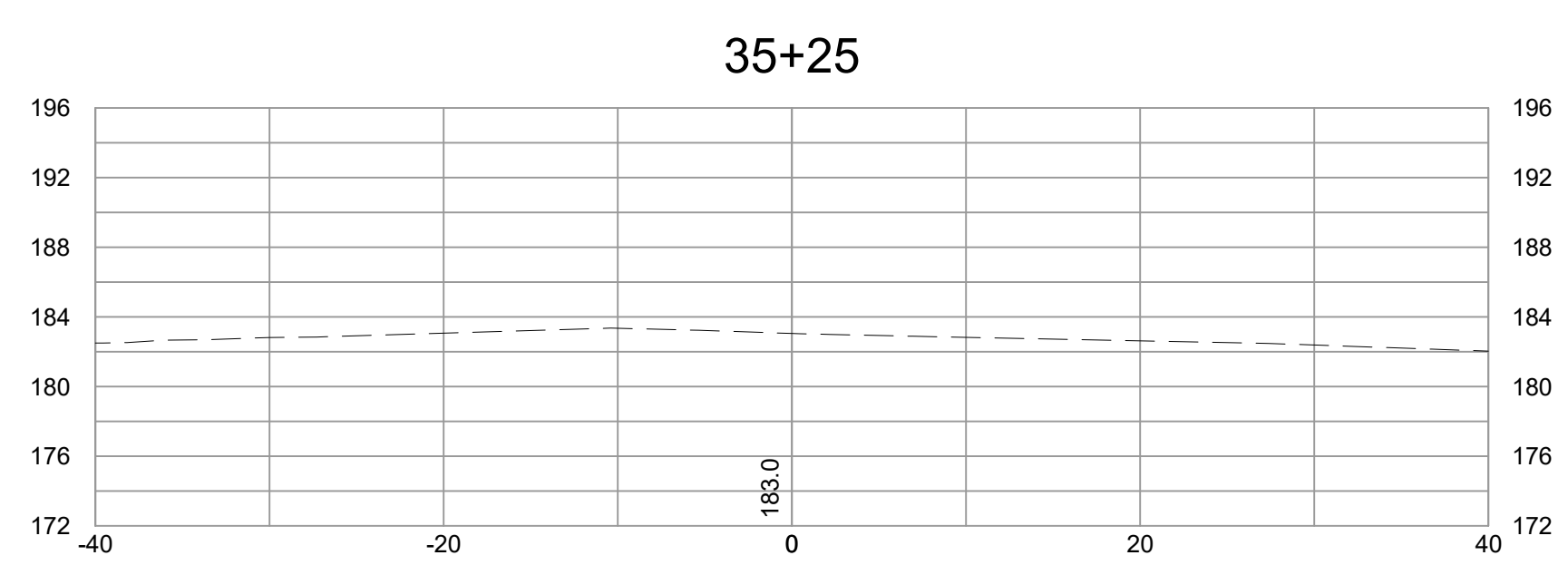
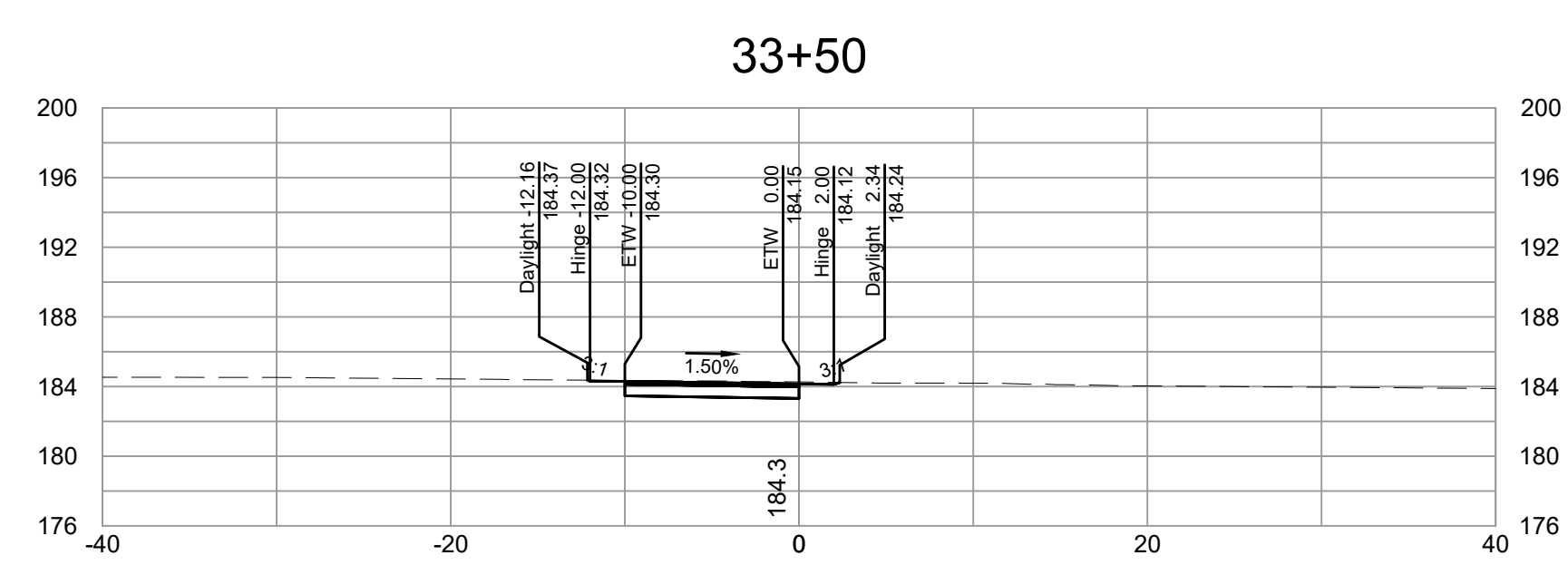
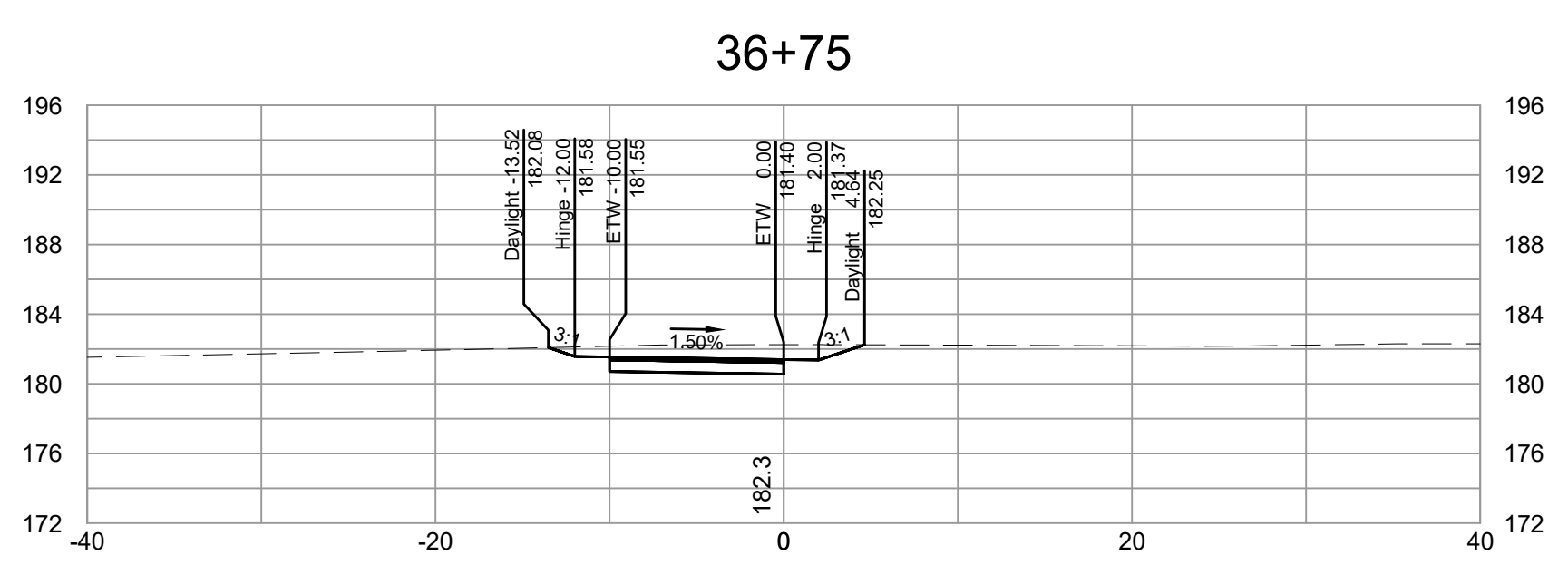
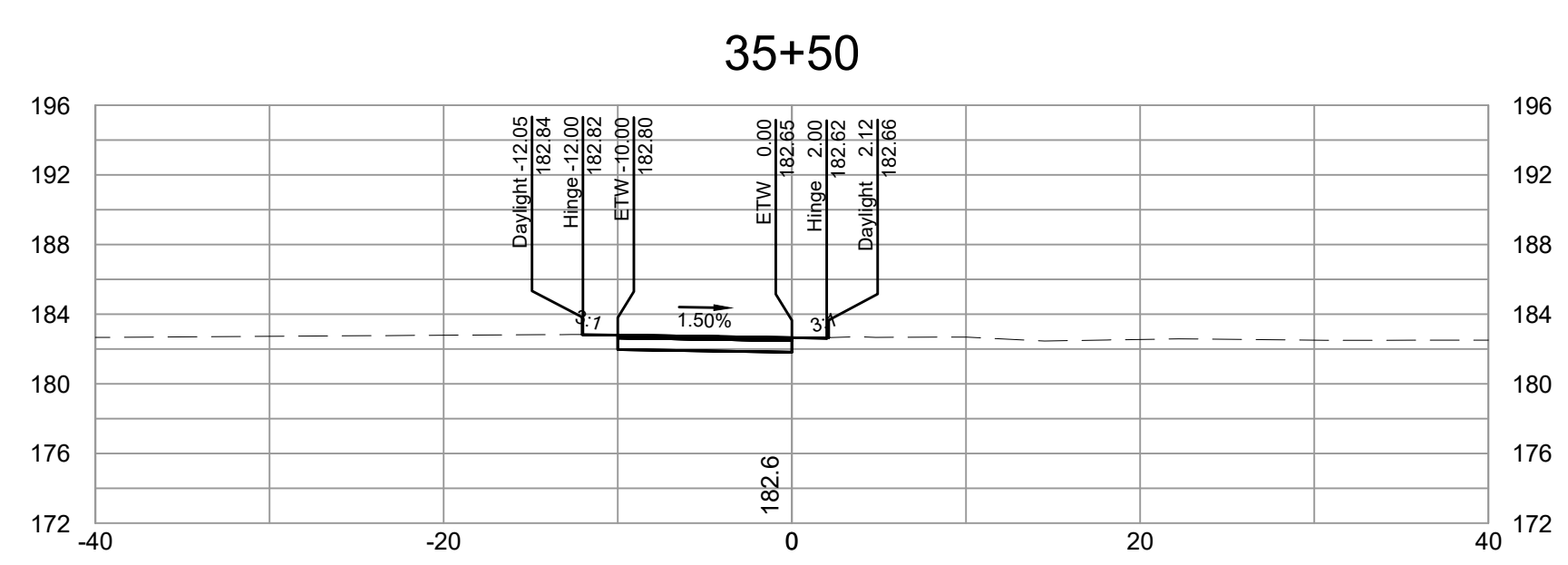
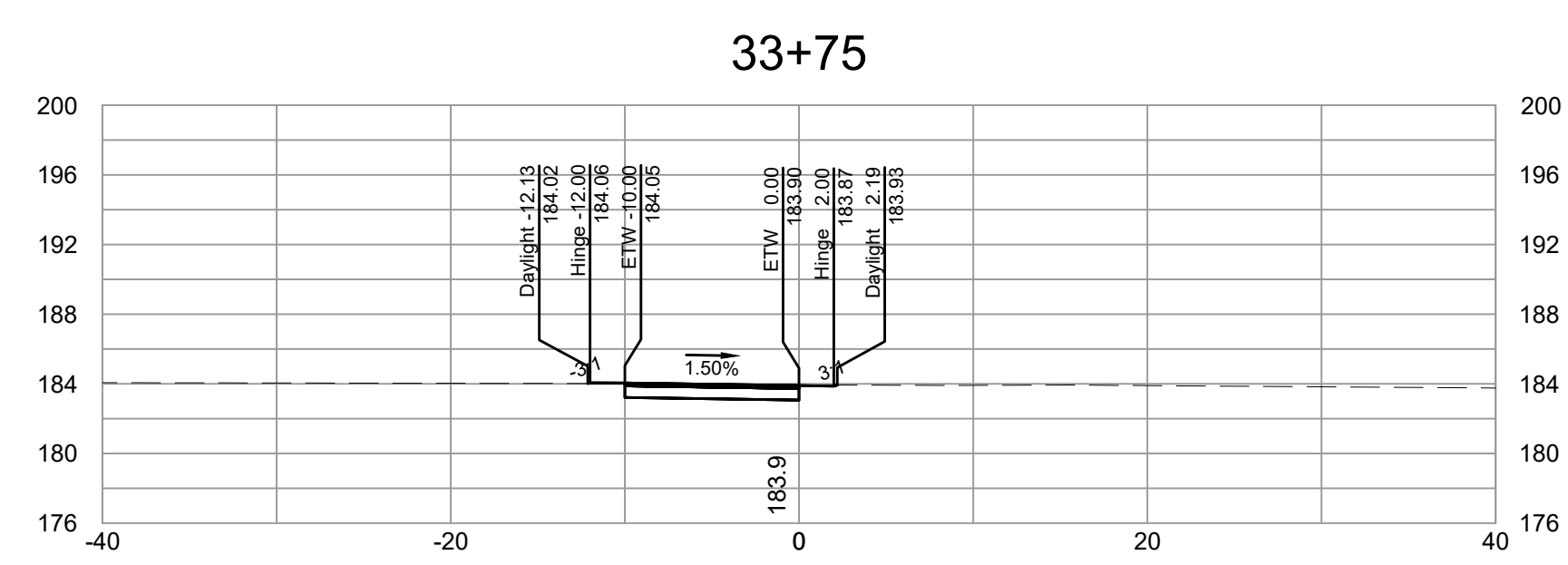
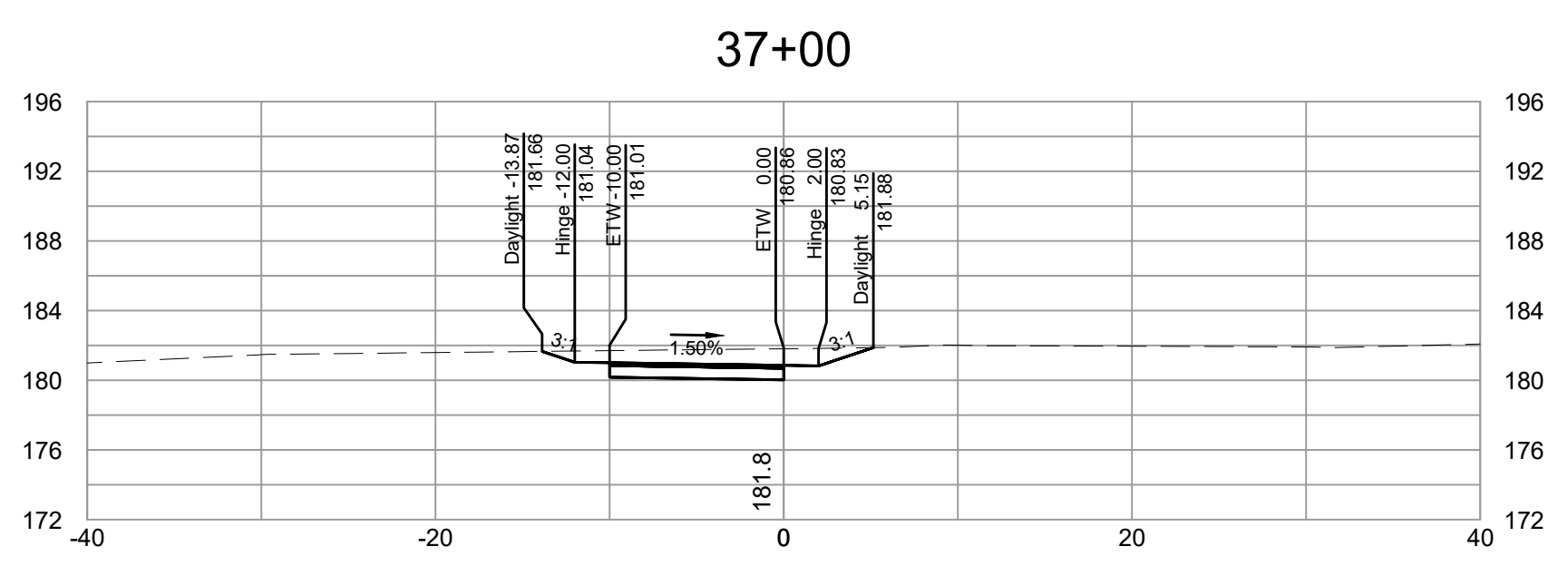
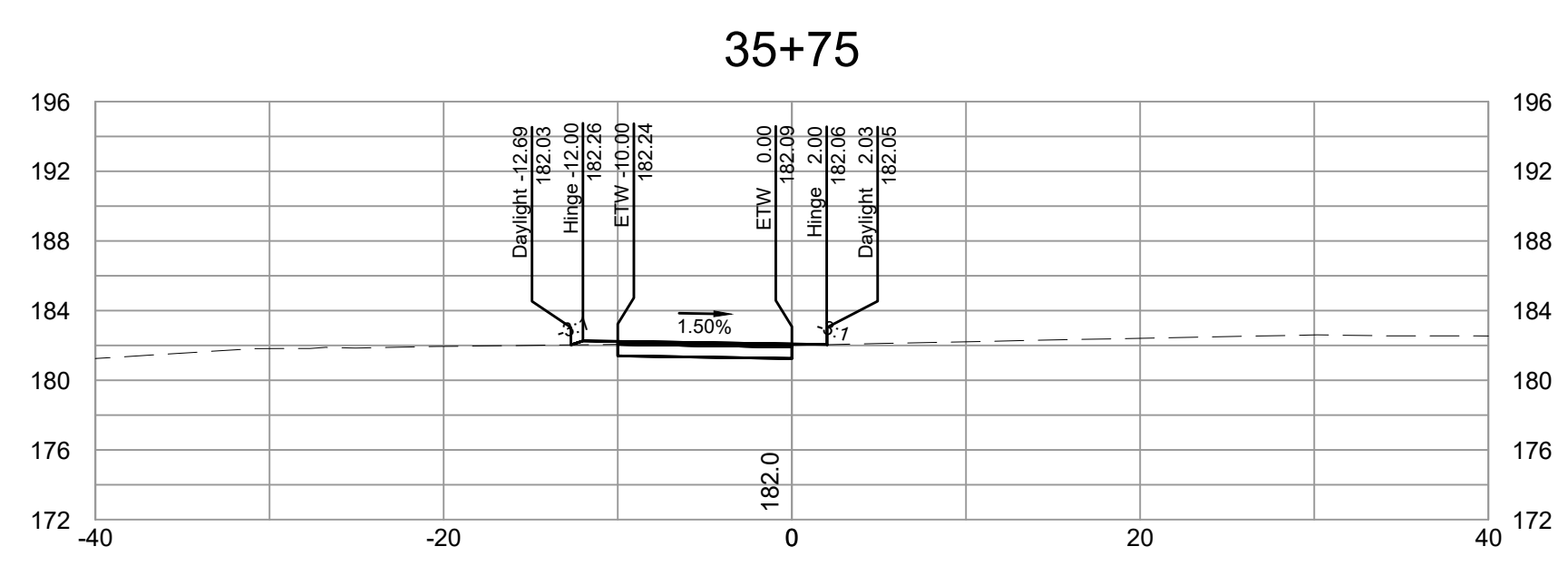
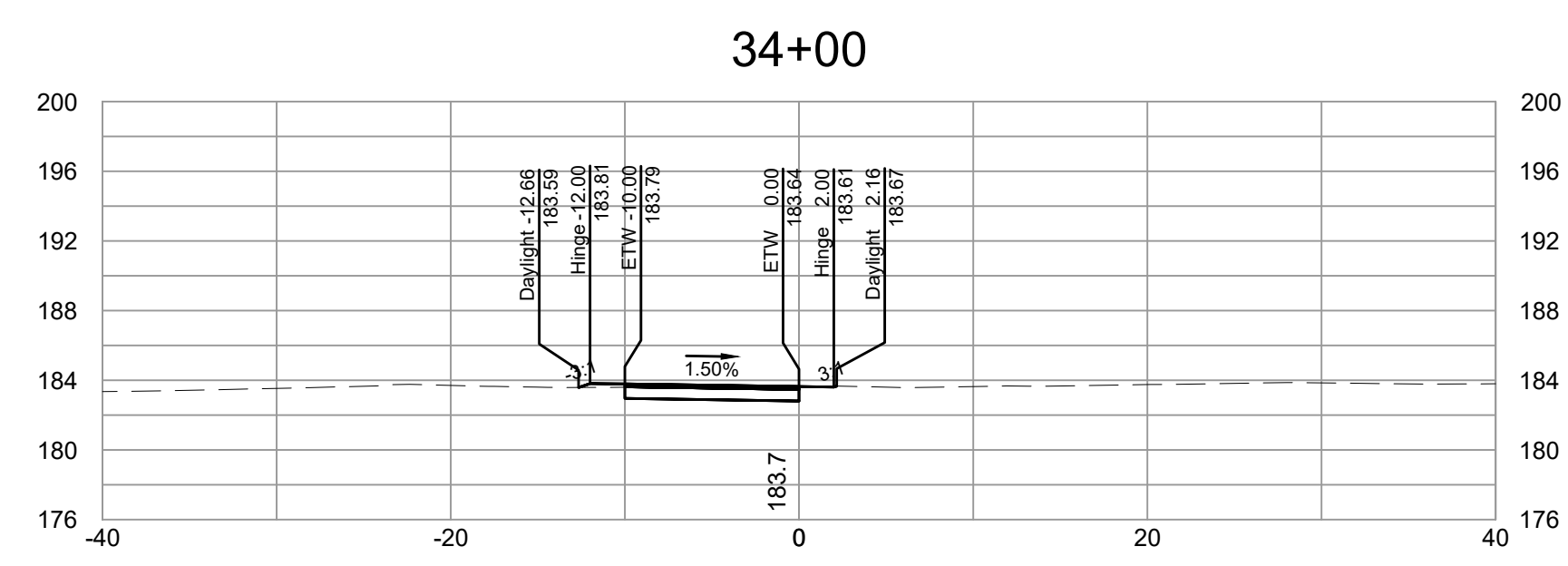
DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA



FALL LINE TRAIL - BRYAN PARK
CROSS SECTIONS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1"=10'	DATE: 5/31/24	SHEET: XS06	DRAWING NO.: N-29103
CHECKED BY: N. SOUCIE			VERT. N/A			

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER



SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCE
DESIGNED BY: K. JENKINS

L:\2024\3783-FLT_BryanPark\DWG\Sheet\CD\63783-2024-XS01.dwg | Plotted on 5/30/2024 5:42 PM | by Kaitlyn Jenkins

NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

LEGEND



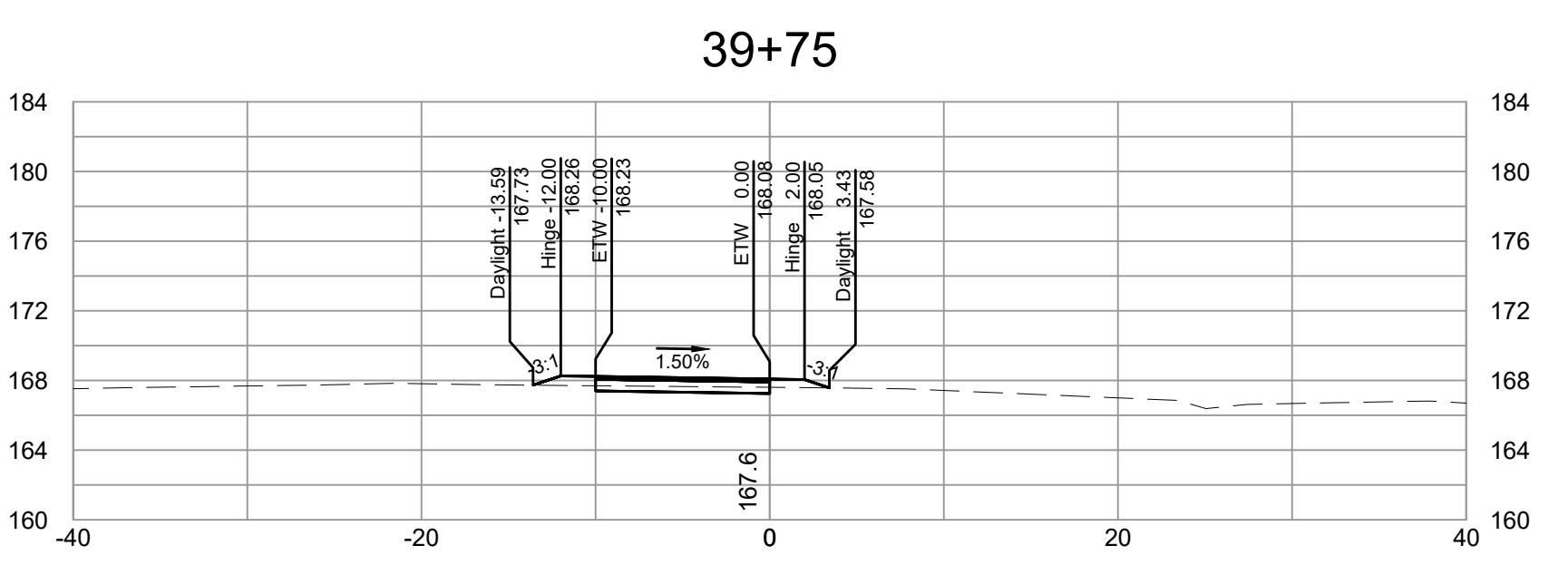
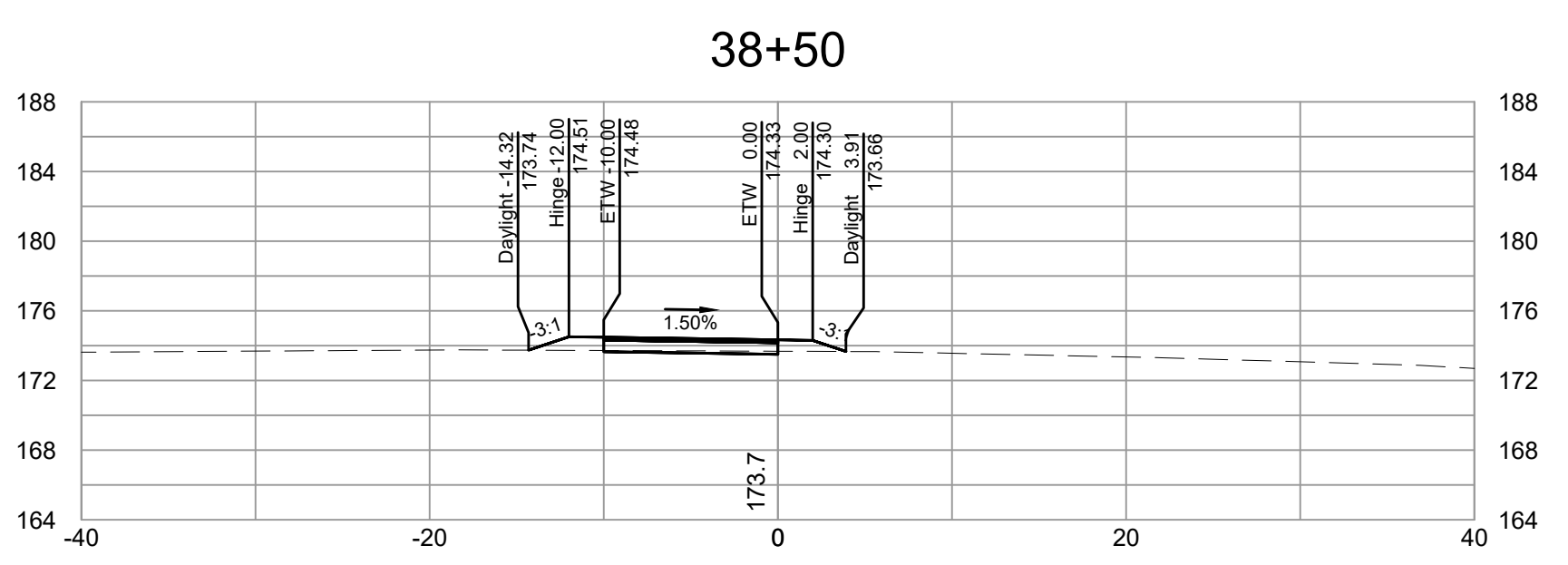
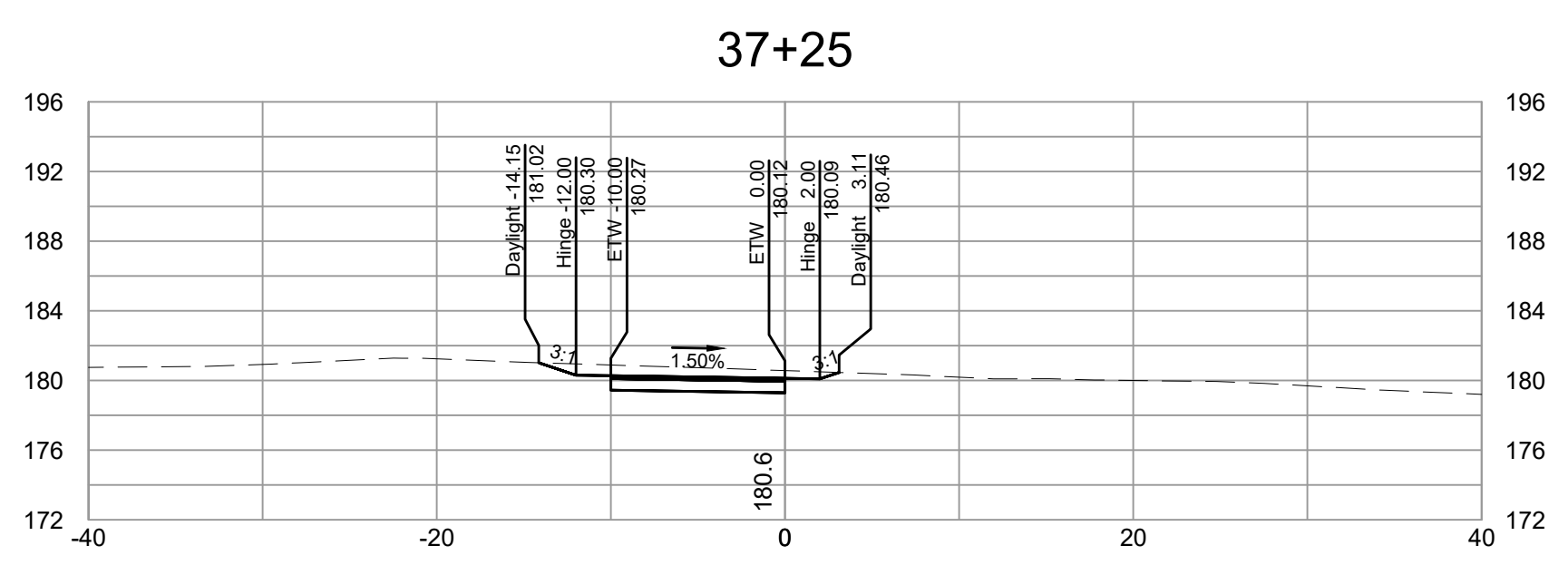
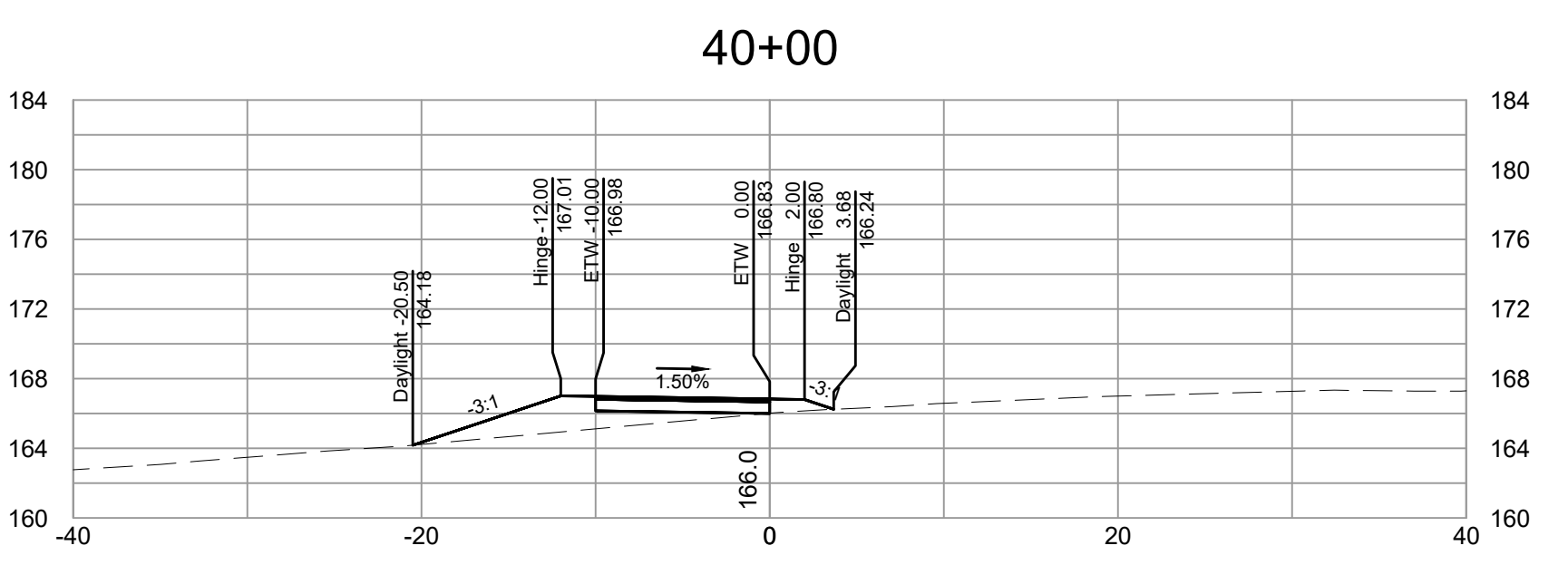
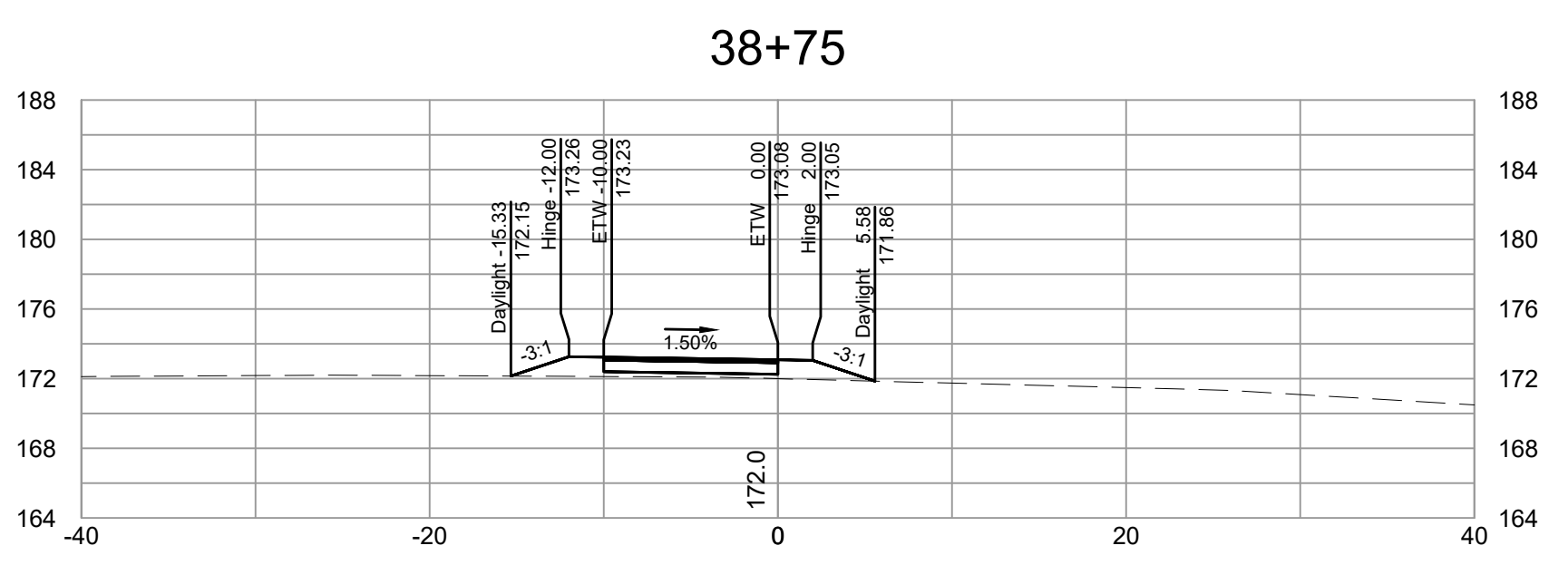
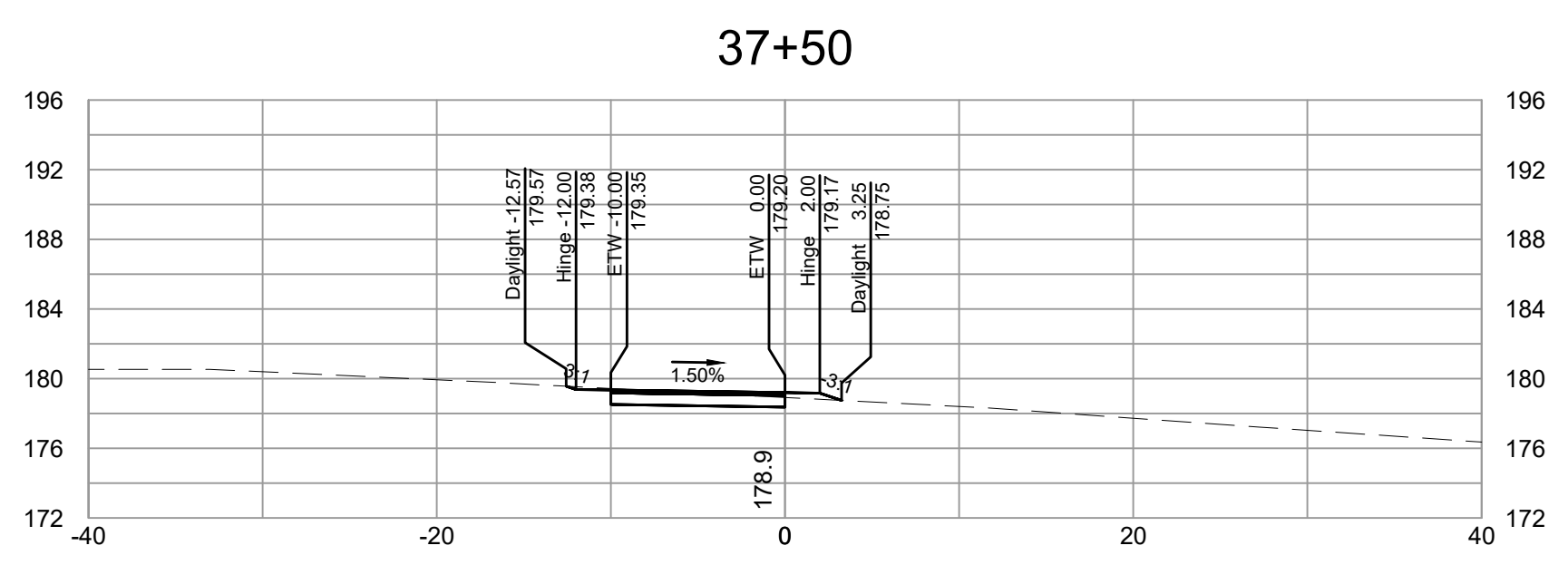
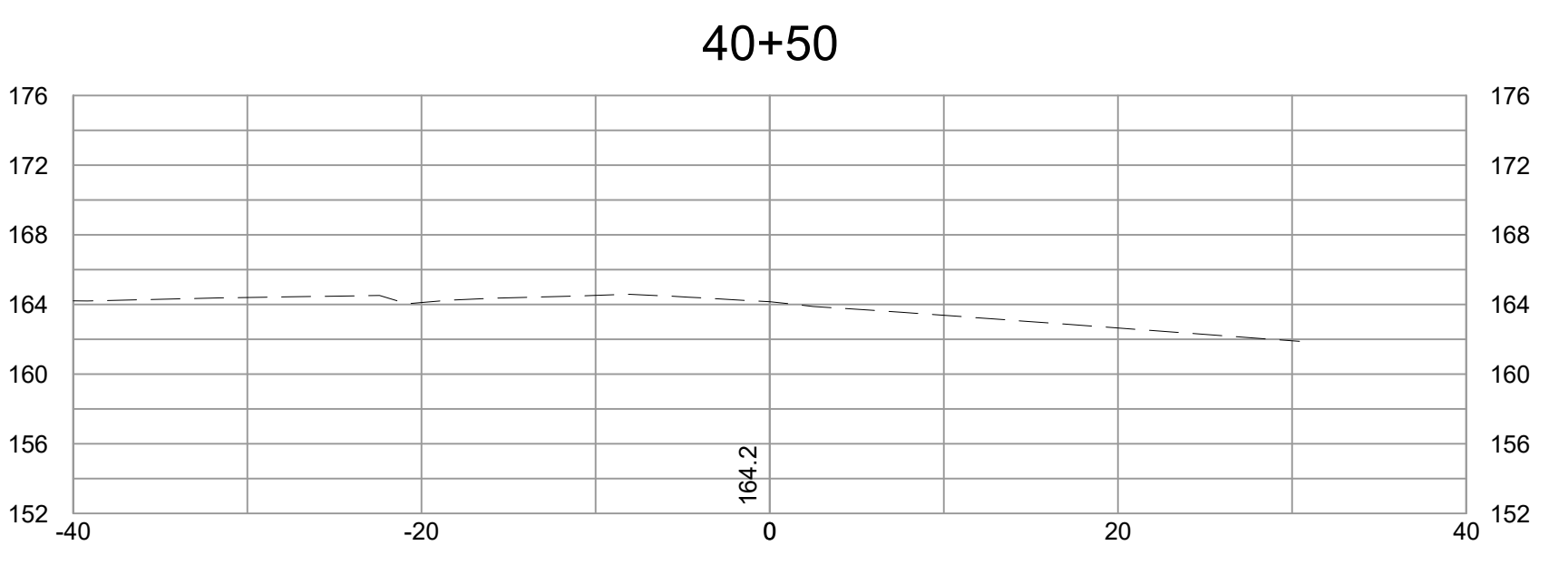
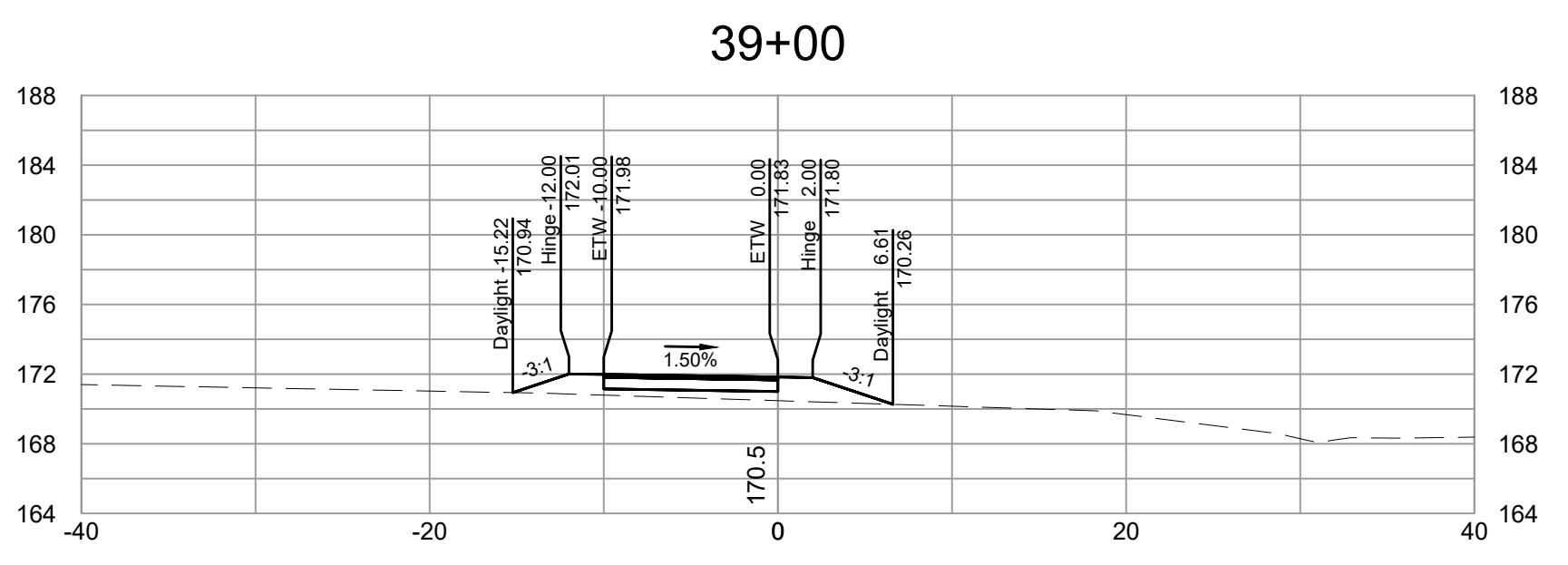
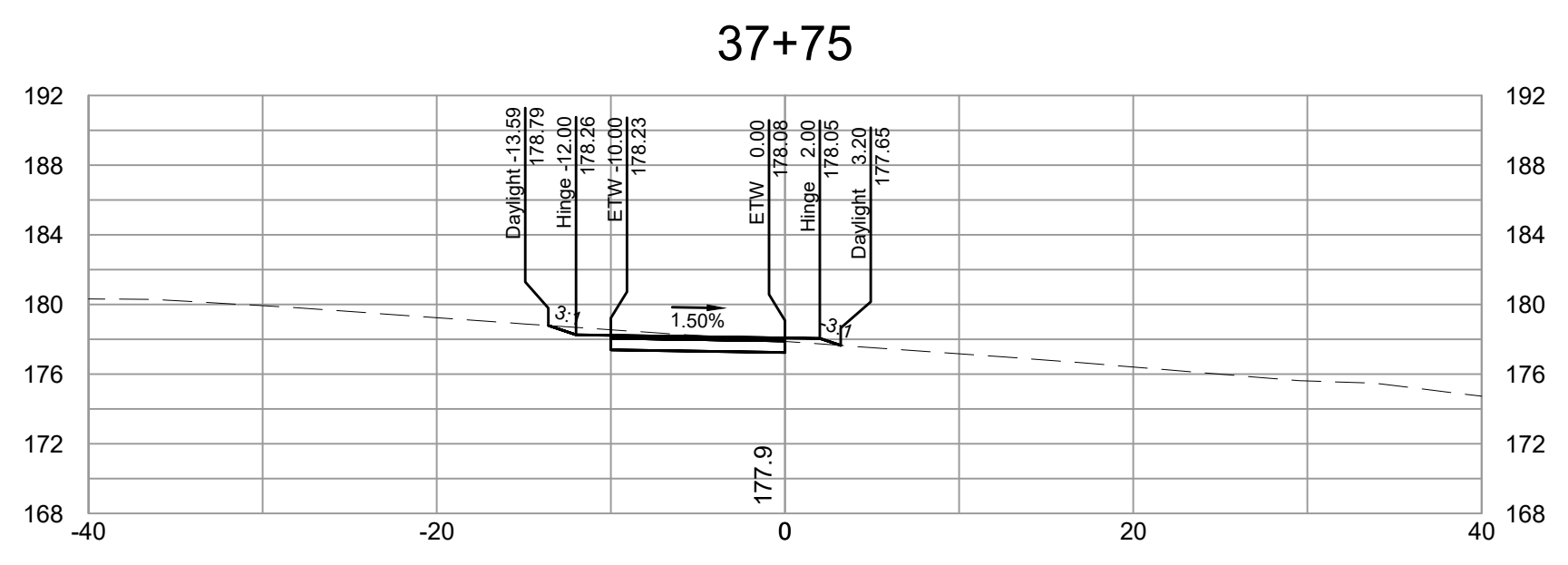
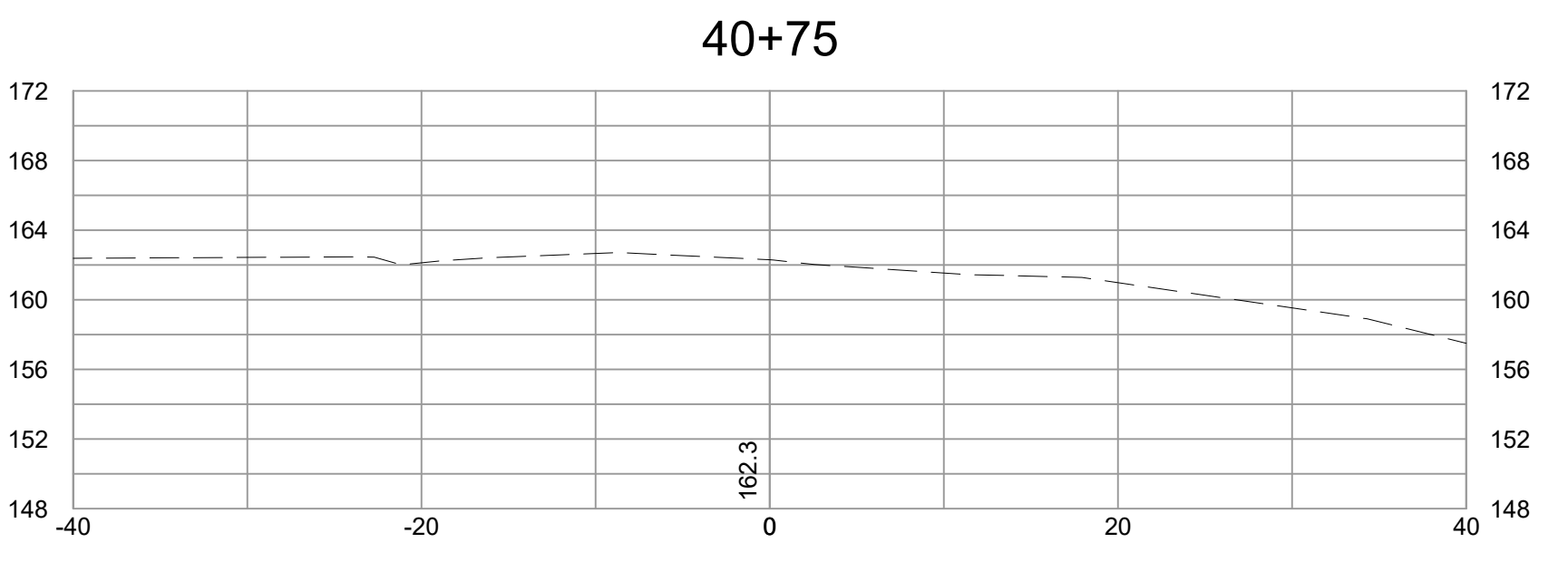
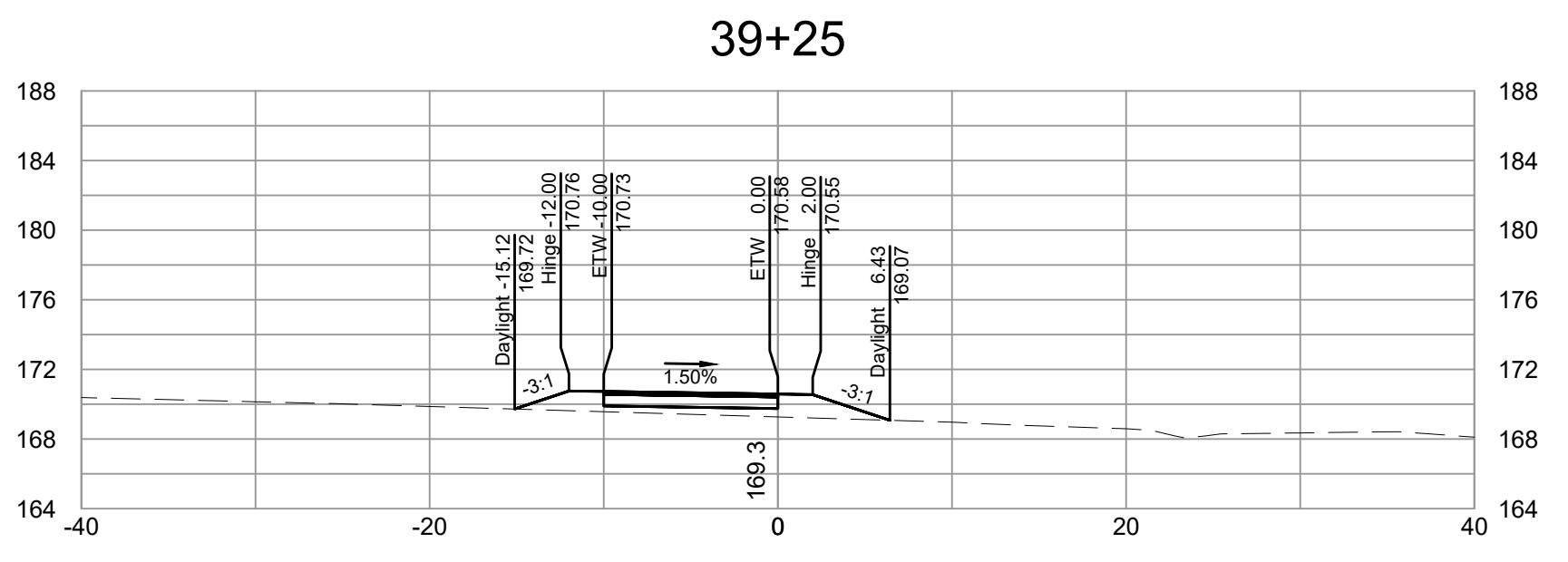
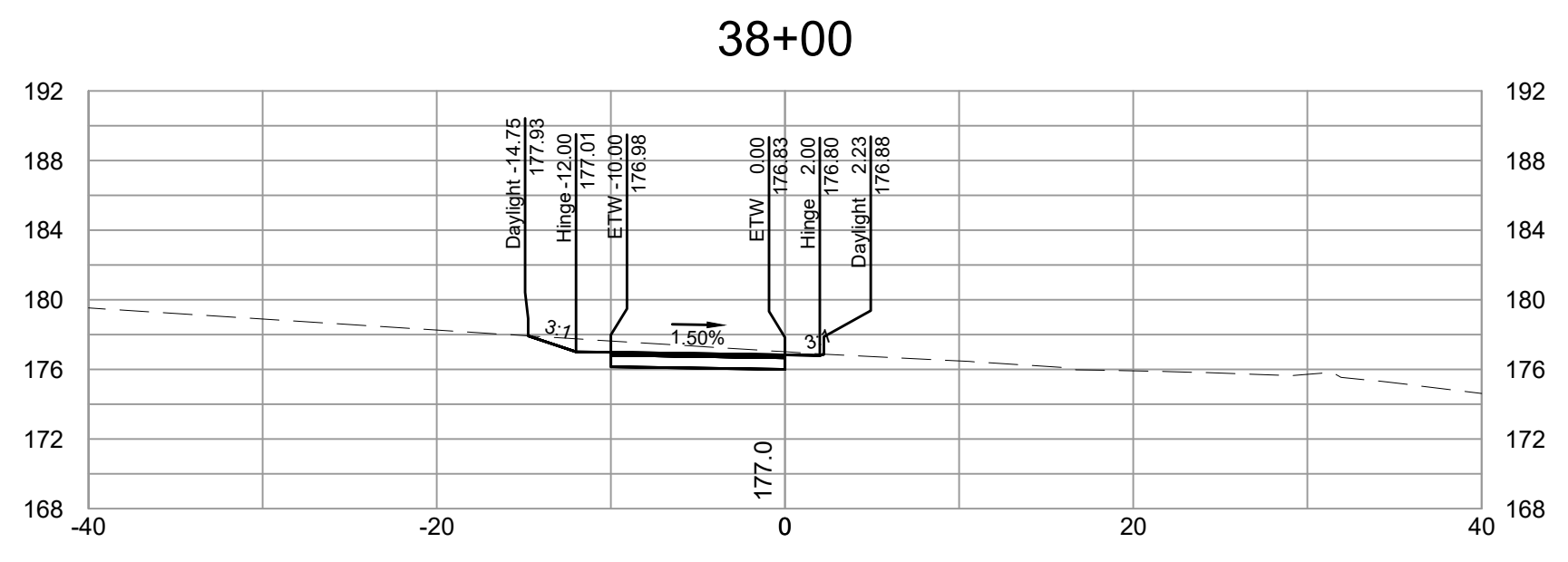
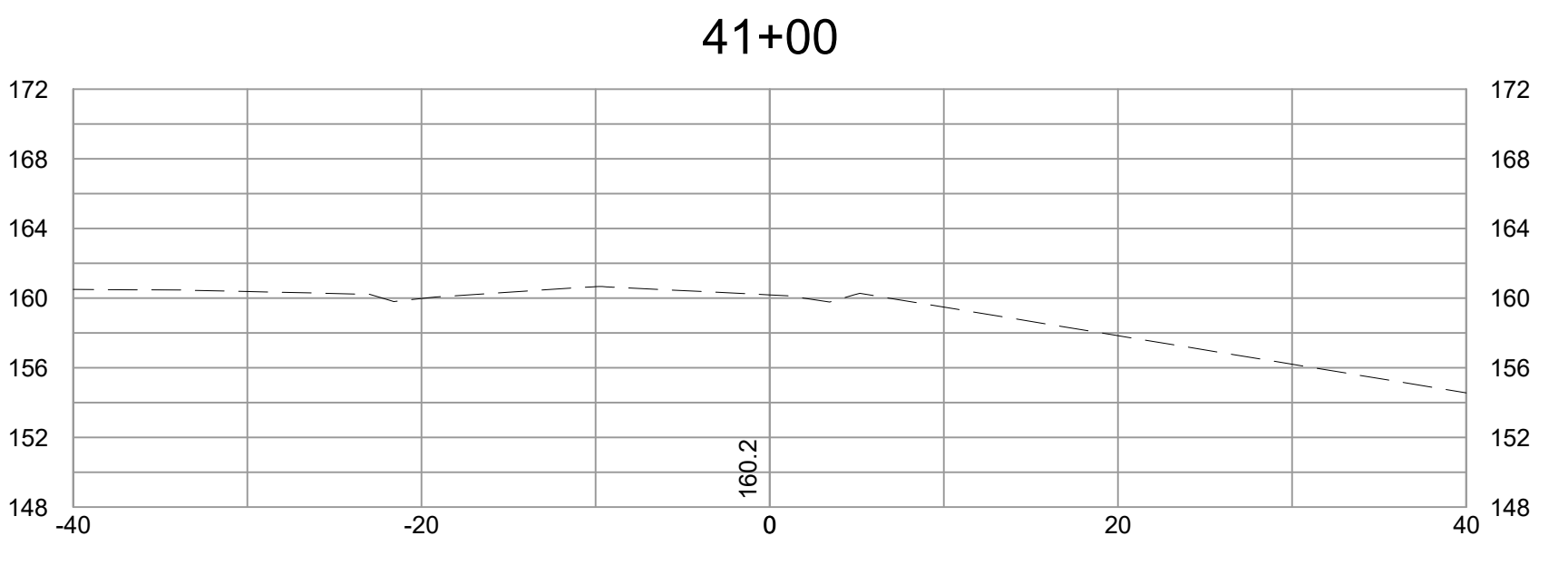
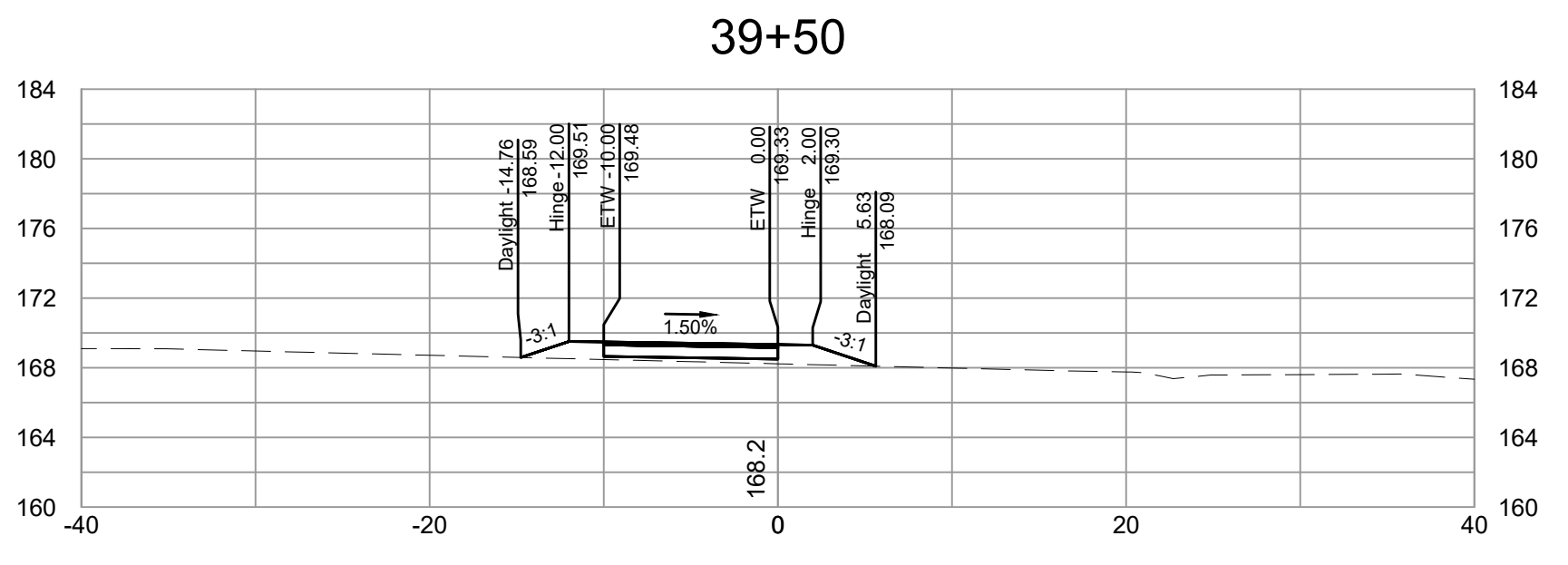
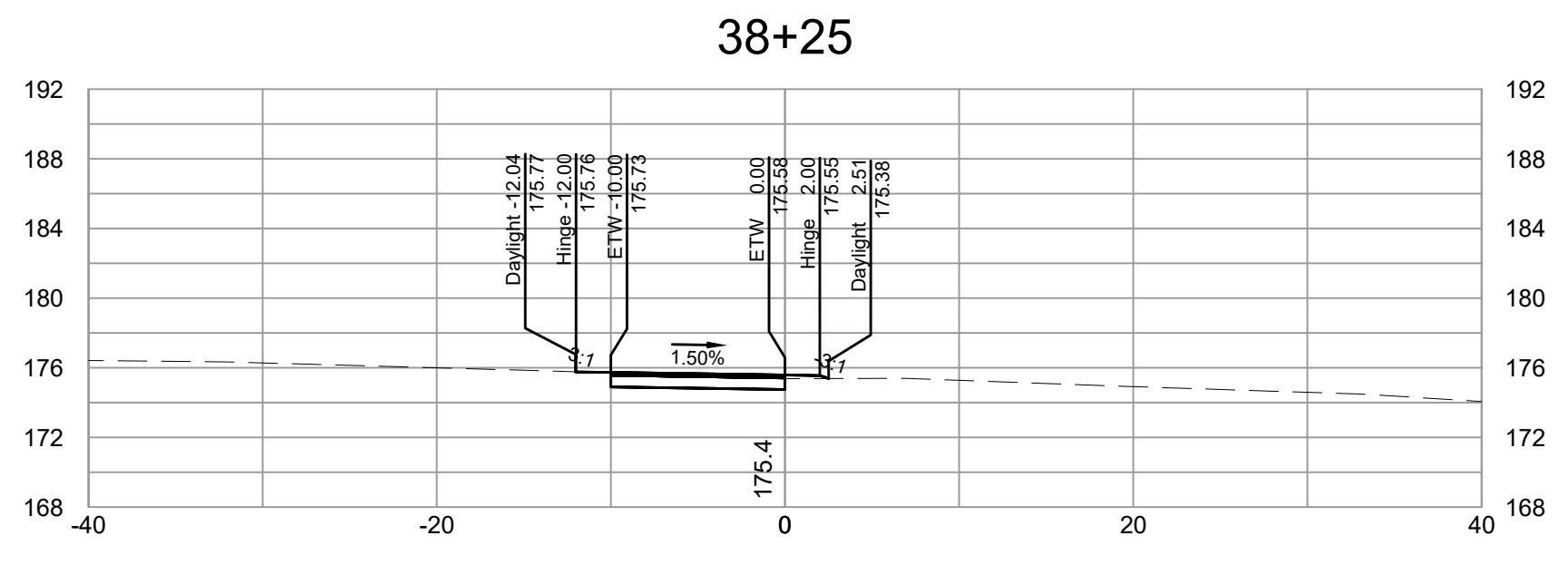
DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA



FALL LINE TRAIL - BRYAN PARK
CROSS SECTIONS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALAR: NONE, 1"=10'	DATE: 5/31/24	SHEET: XS07	DRAWING NO.: N-29103
CHECKED BY: N. SOUCE			VERT: N/A			

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER



SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

L:\2024\3783-FLT_BryanPark\DWG\Sheet\CD\65785-203C-XS01.dwg | Plotted on 5/30/2024 5:42 PM | by Kaitlyn Jenkins

NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

LEGEND



DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA



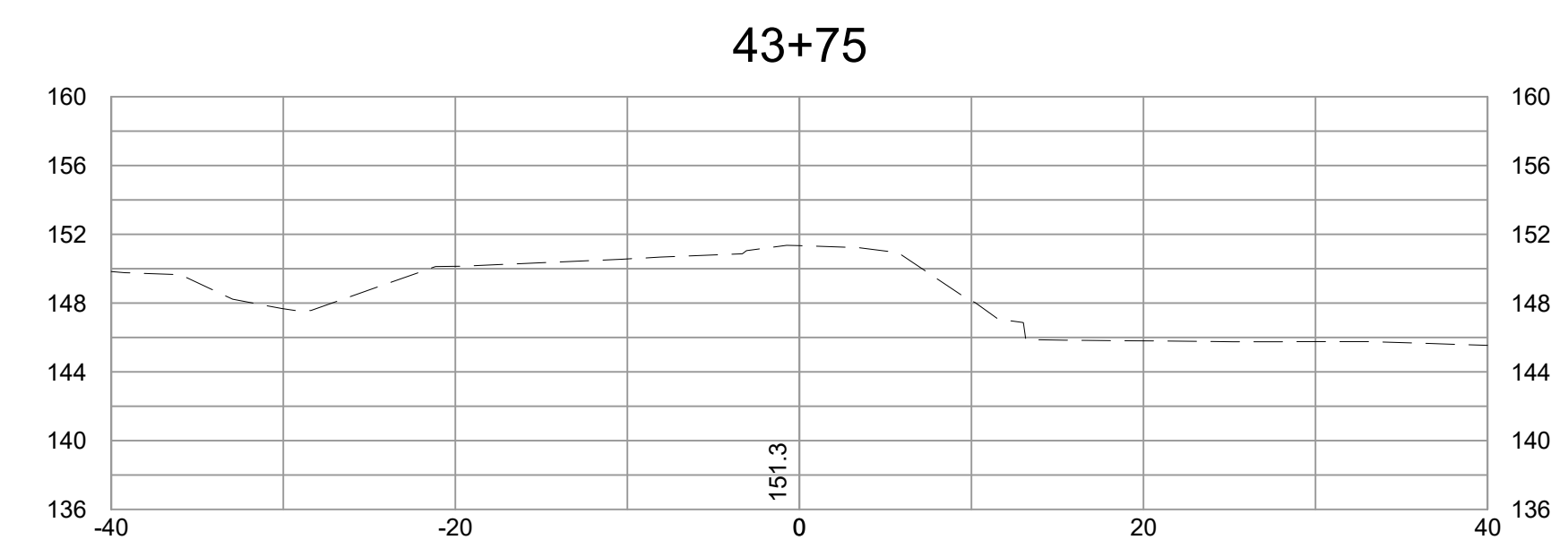
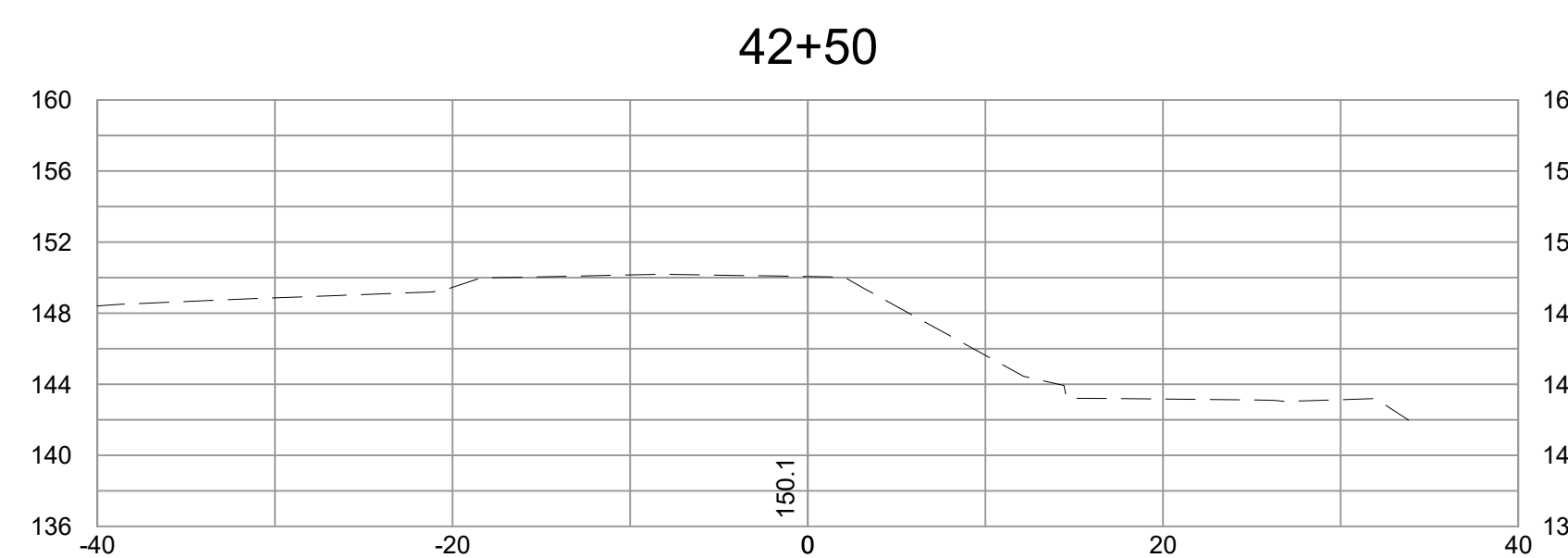
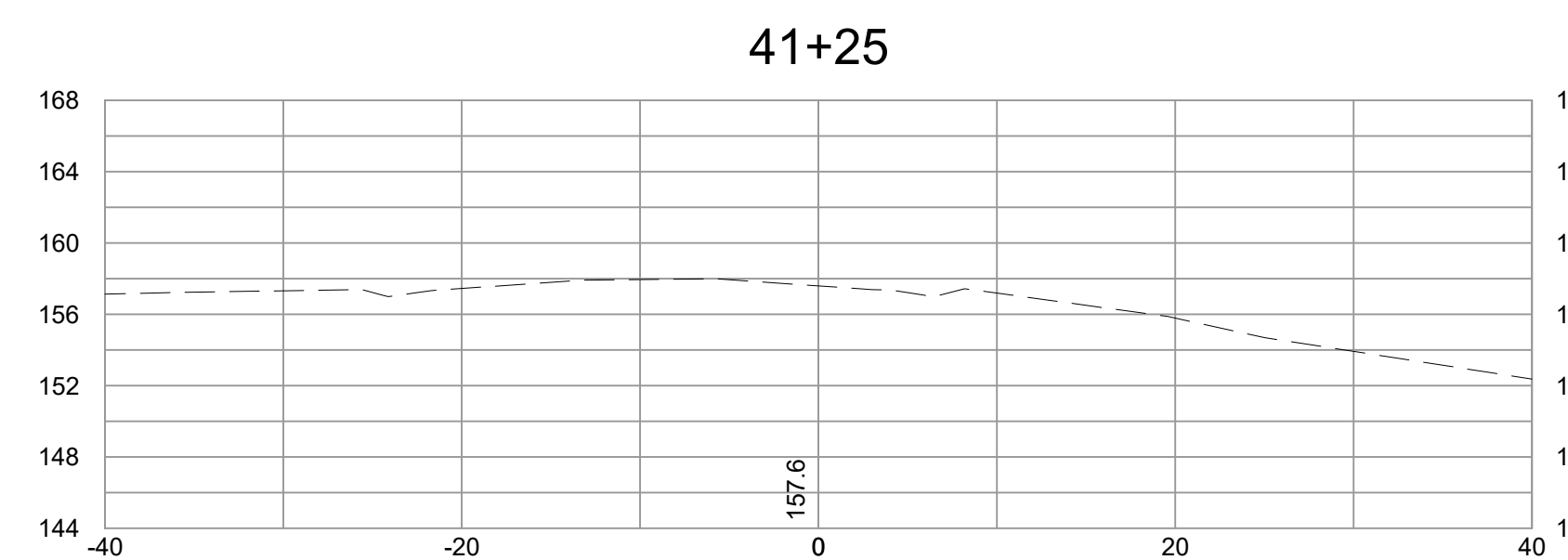
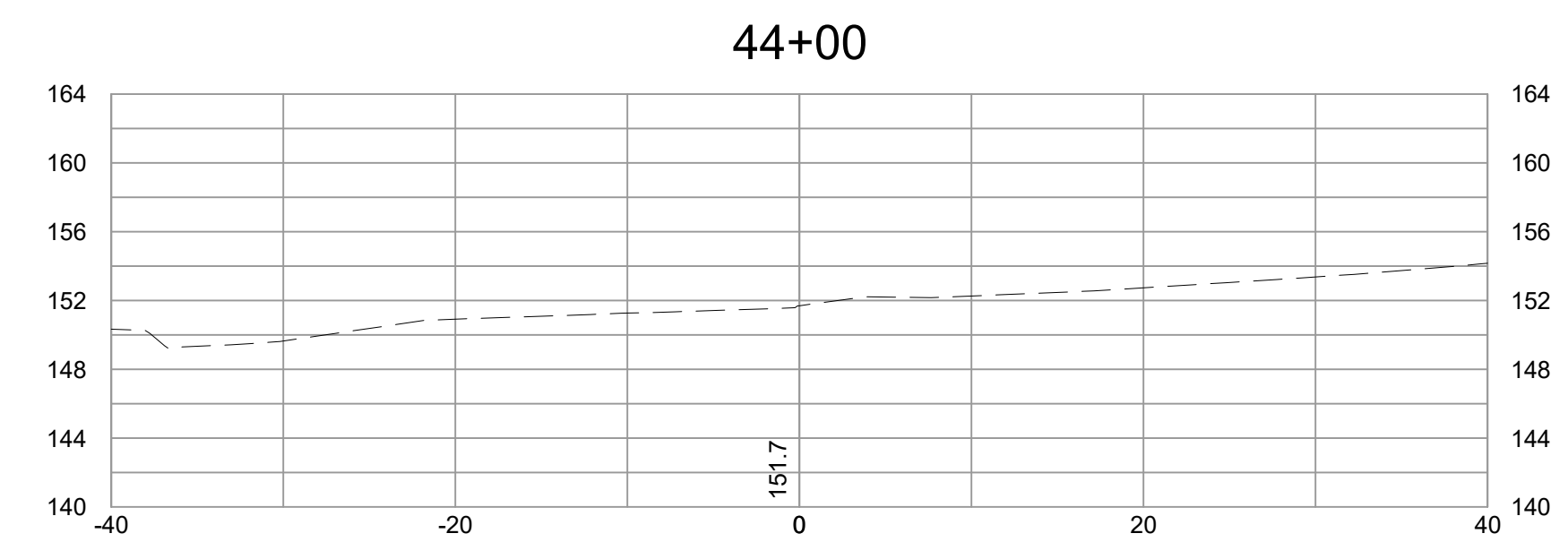
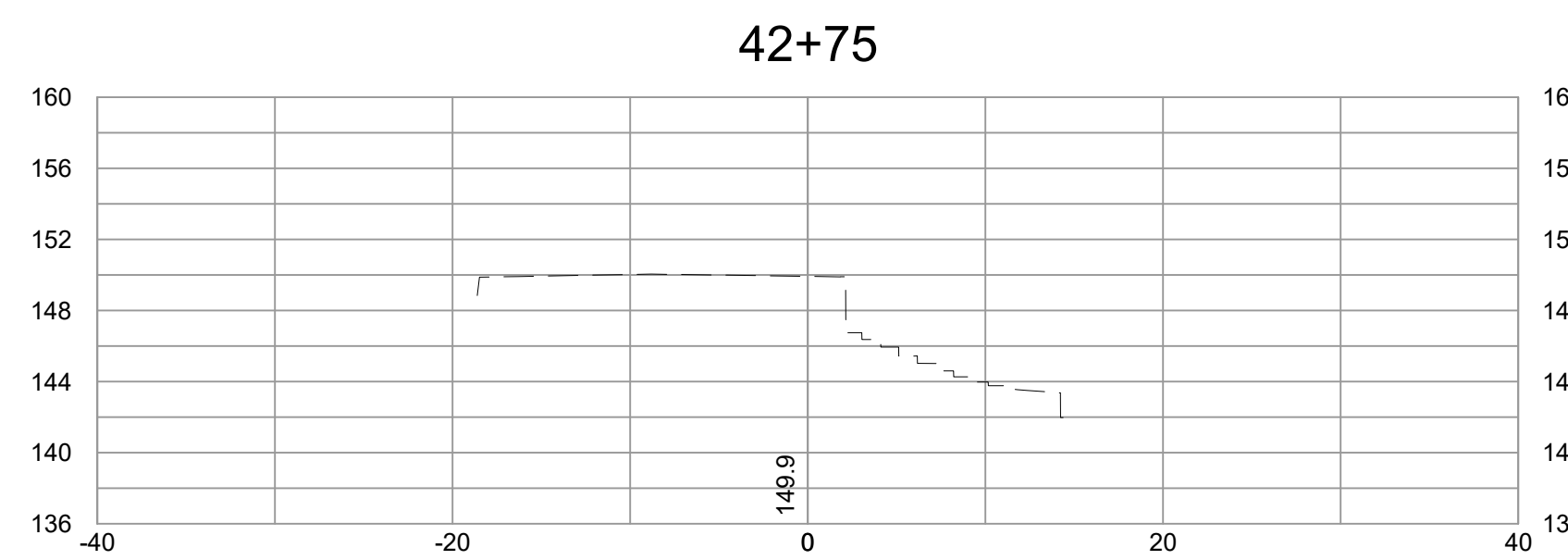
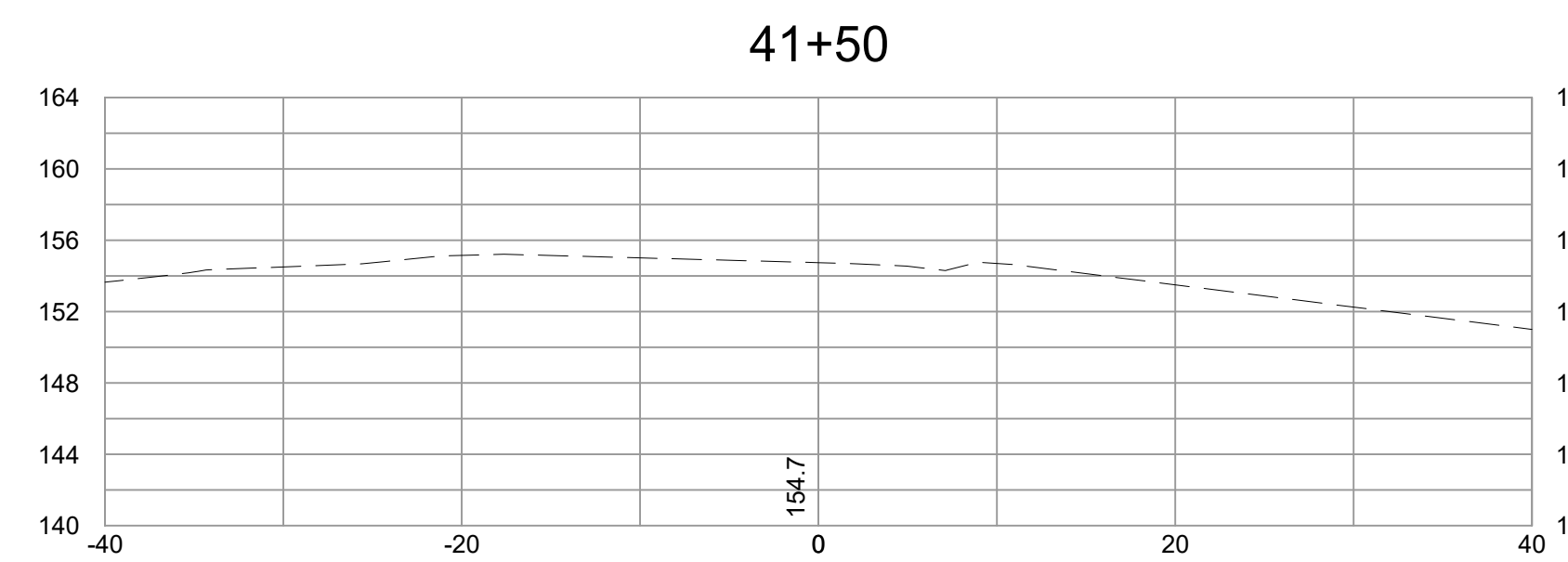
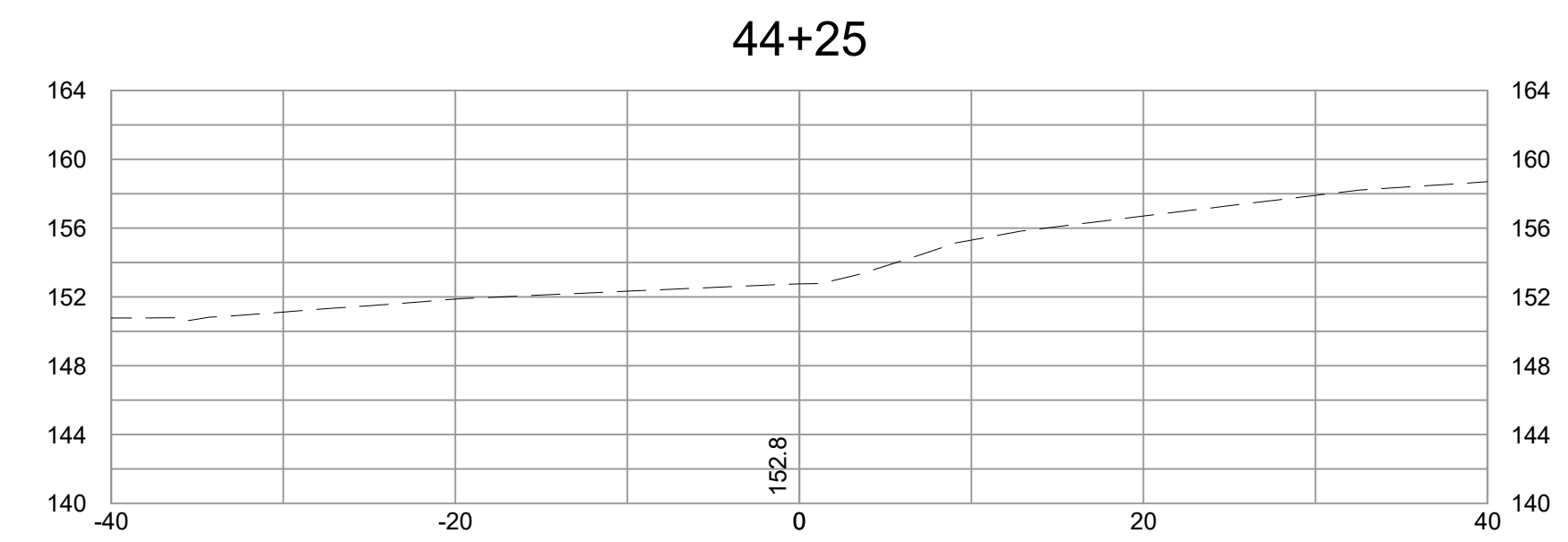
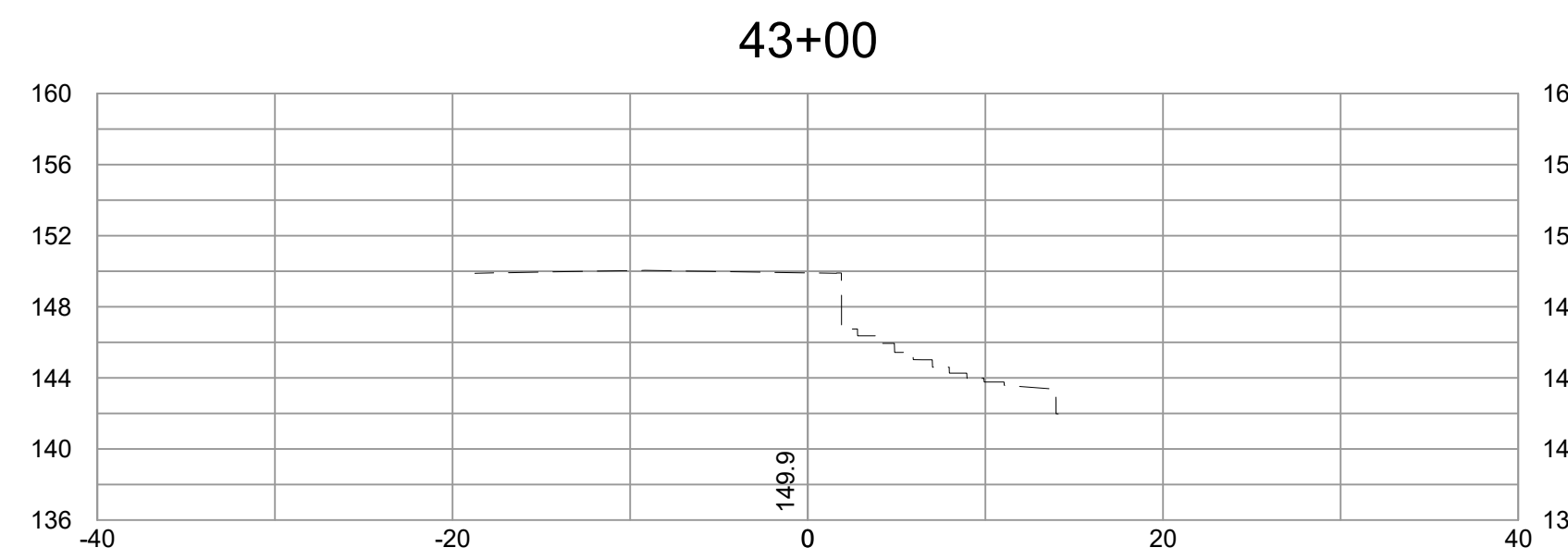
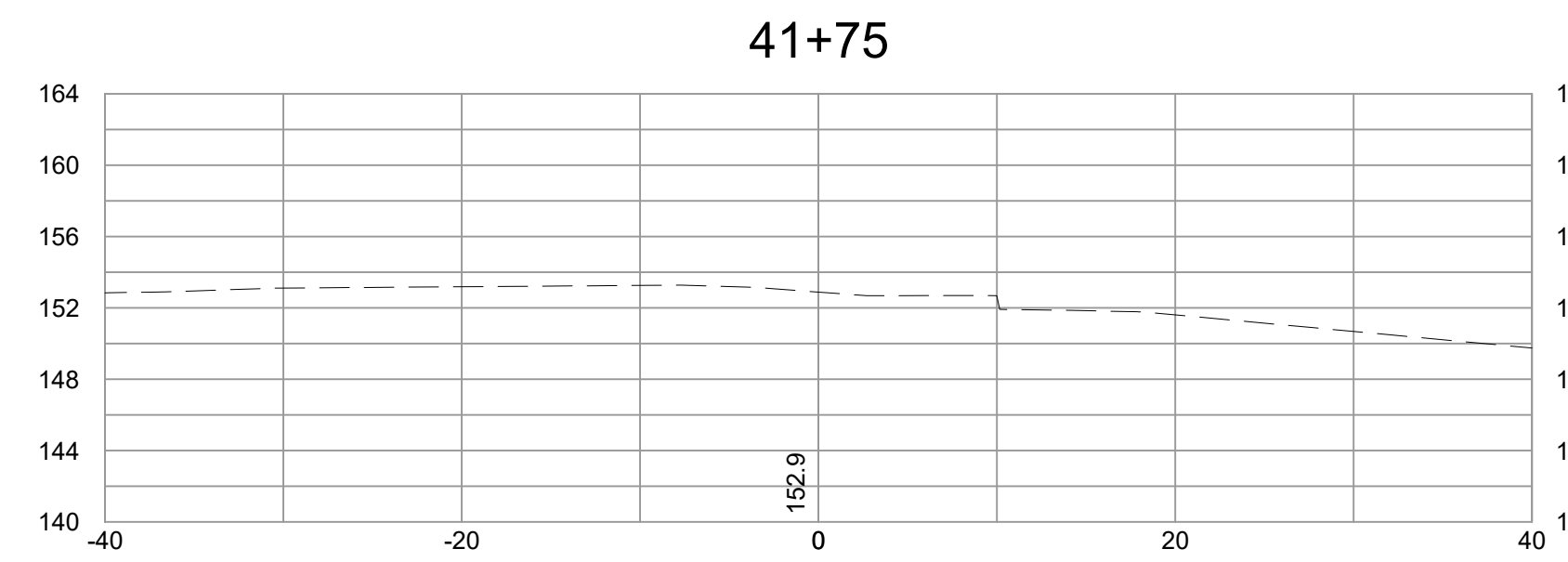
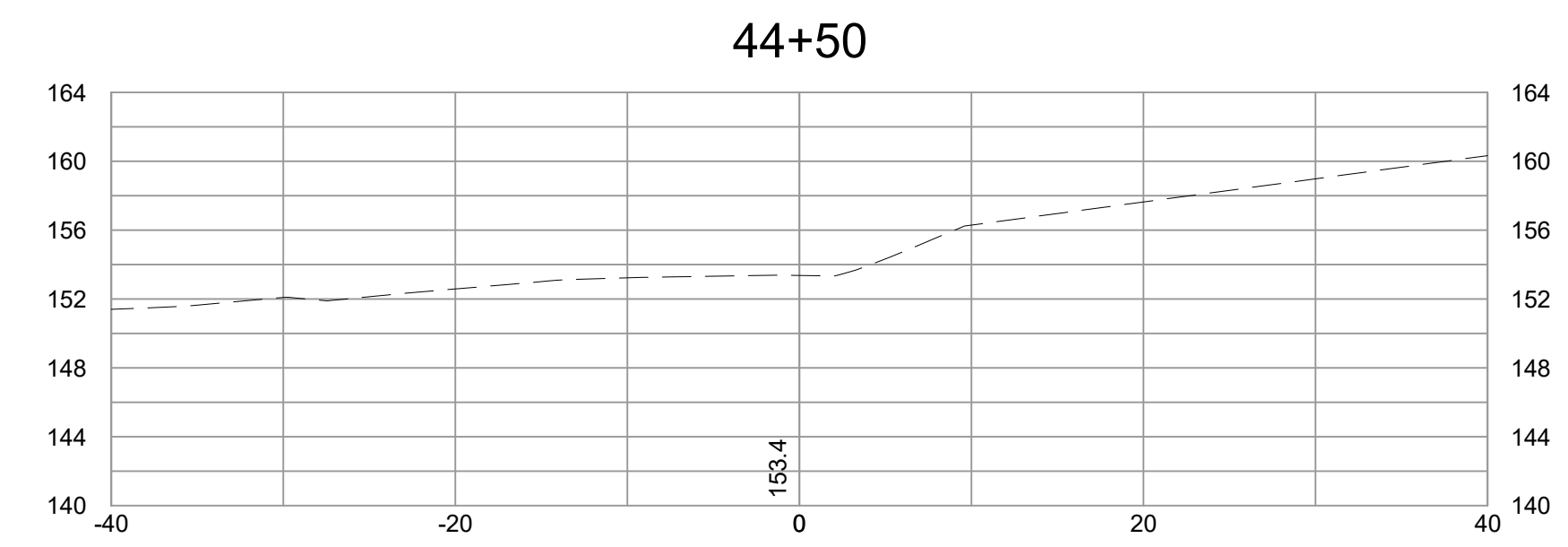
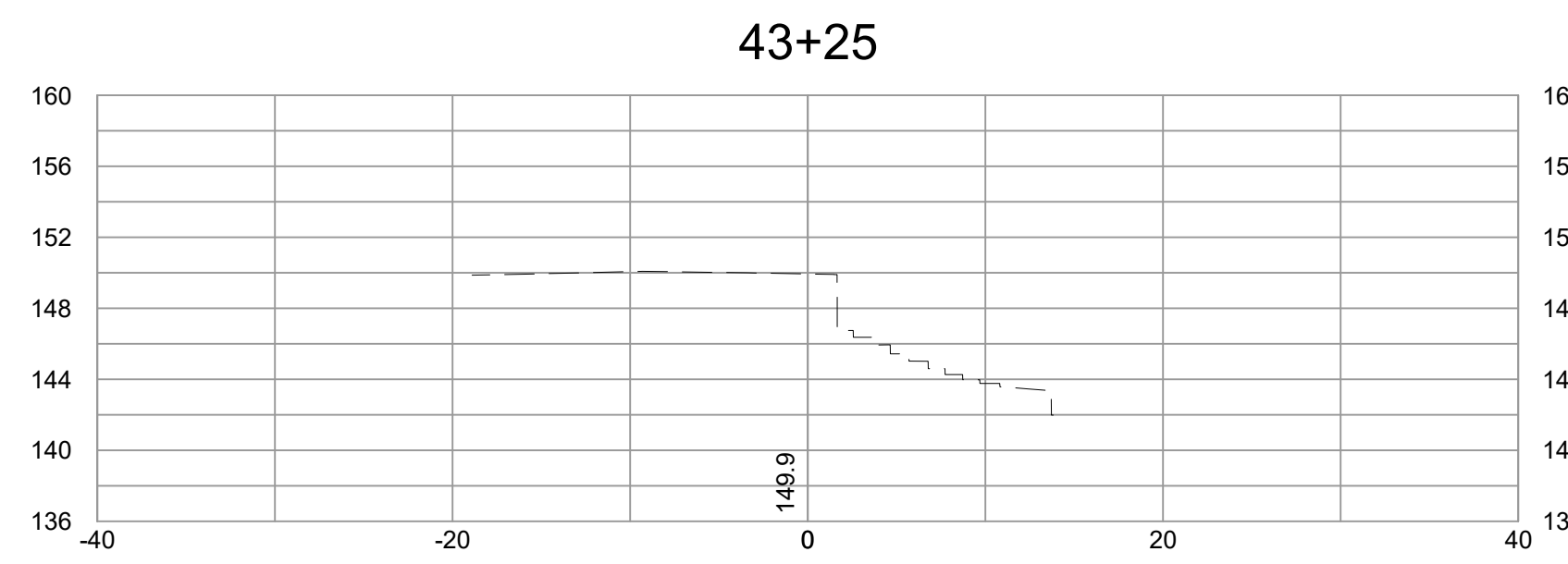
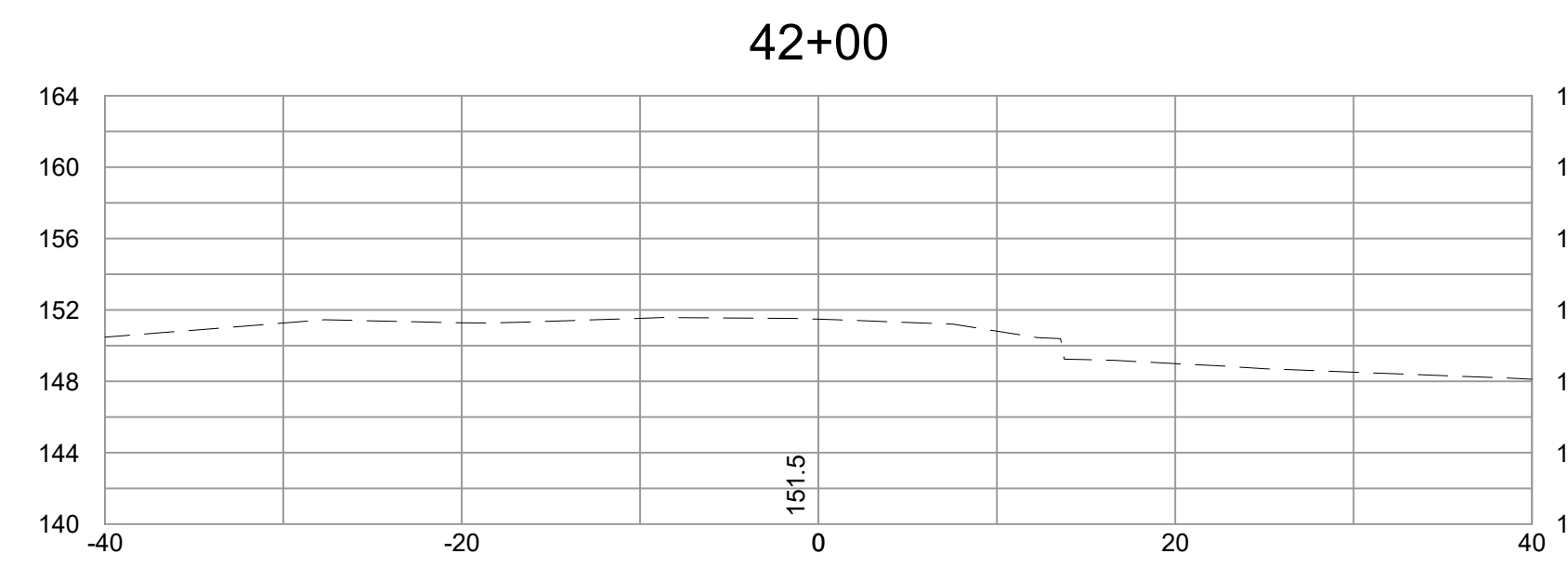
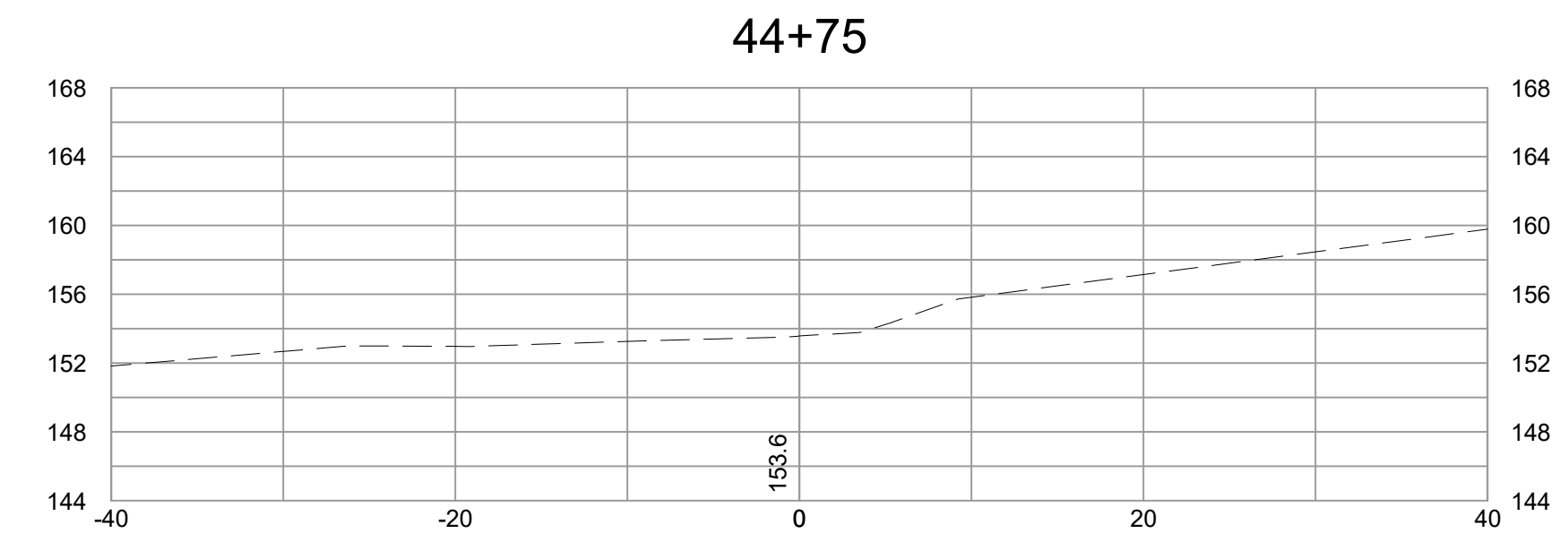
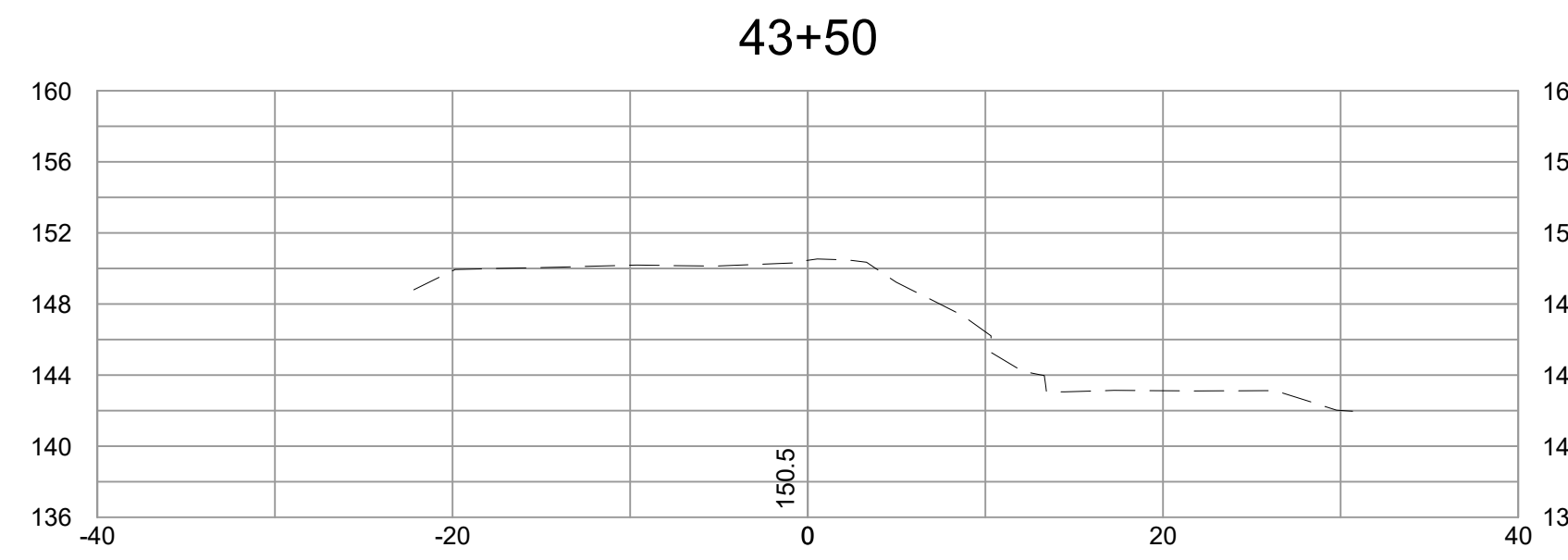
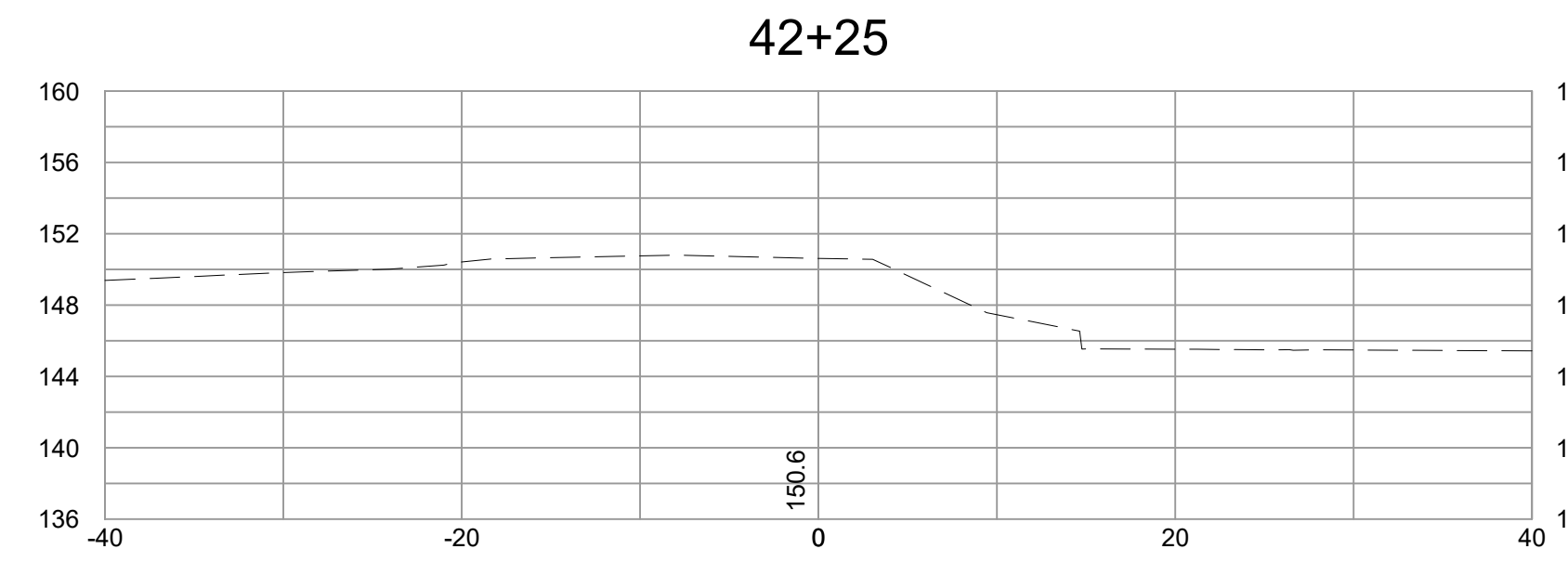
FALL LINE TRAIL - BRYAN PARK
CROSS SECTIONS

REFERENCES	REVISIONS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALAR: HORIZ. 1"=10'	DATE: 5/31/24	SHEET: XS08	DRAWING NO.: N-29103
DRAWN BY: K. JENKINS			VERT: N/A			

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER

SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: K. JENKINS



NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

---LEGEND---

REFERENCES

REVISIONS



DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA

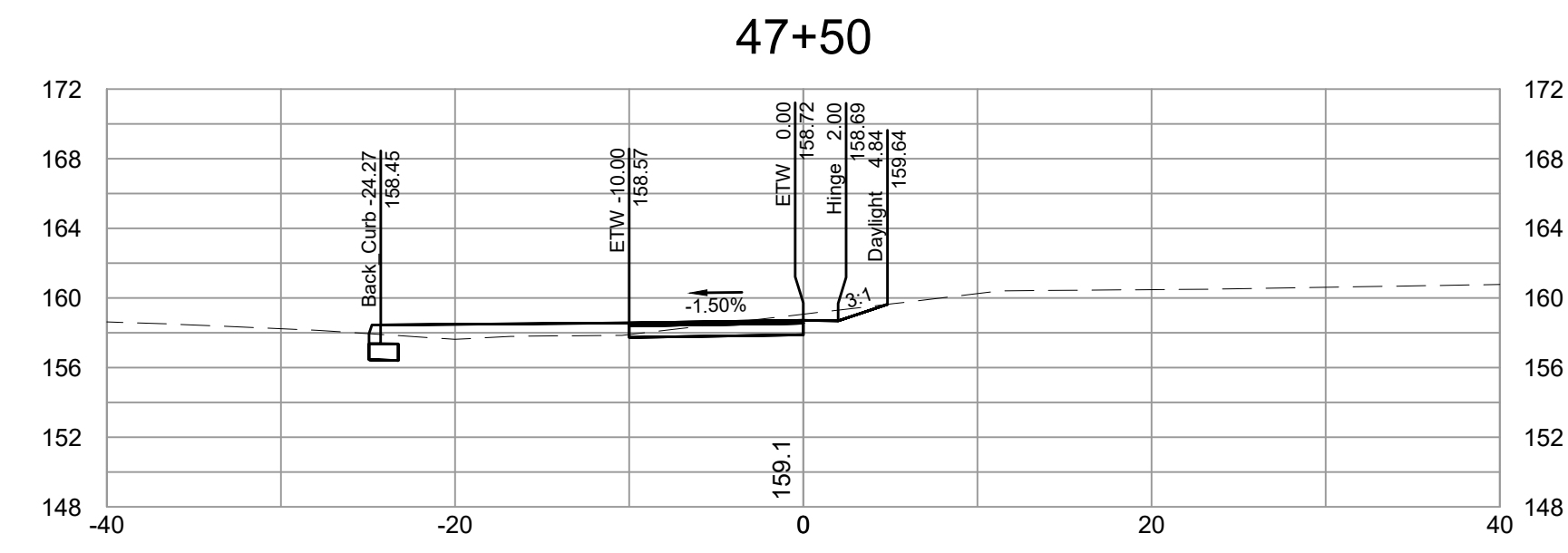
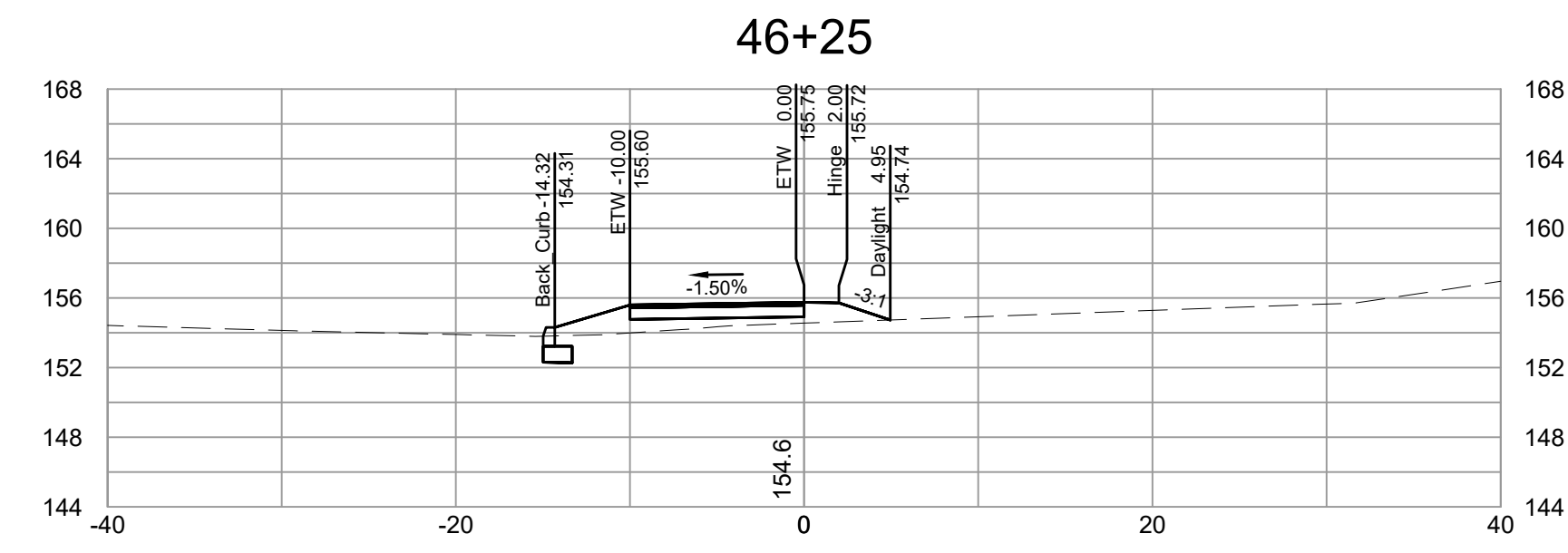
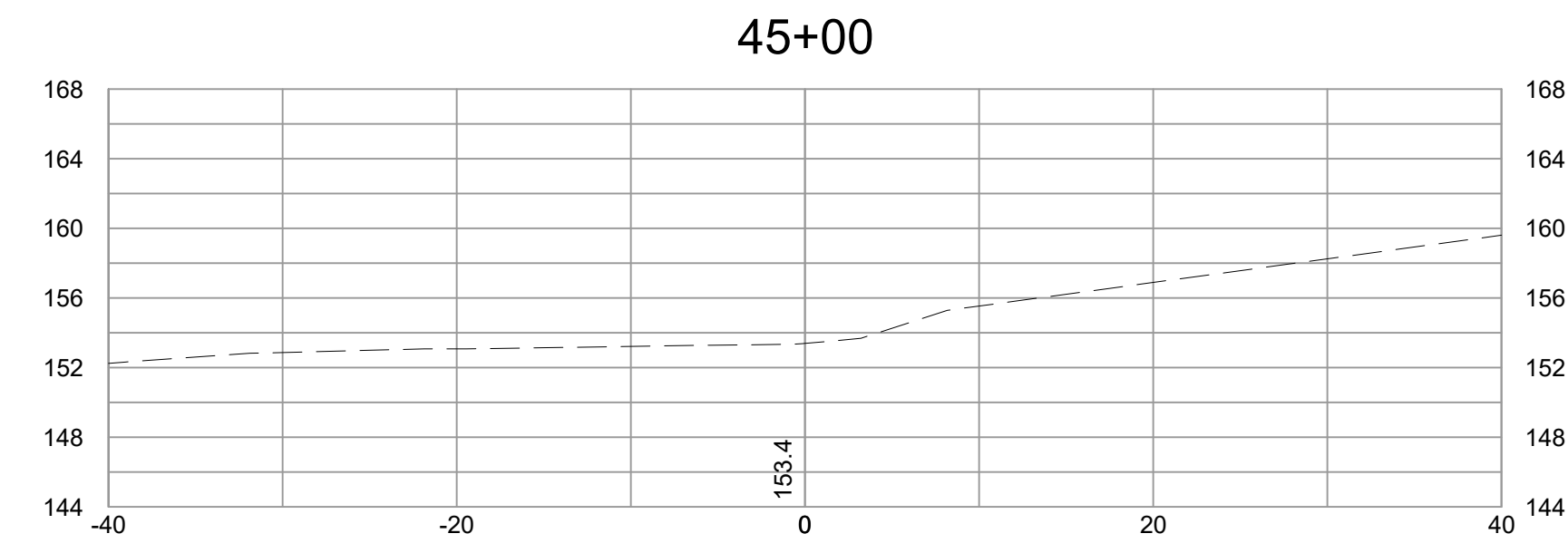
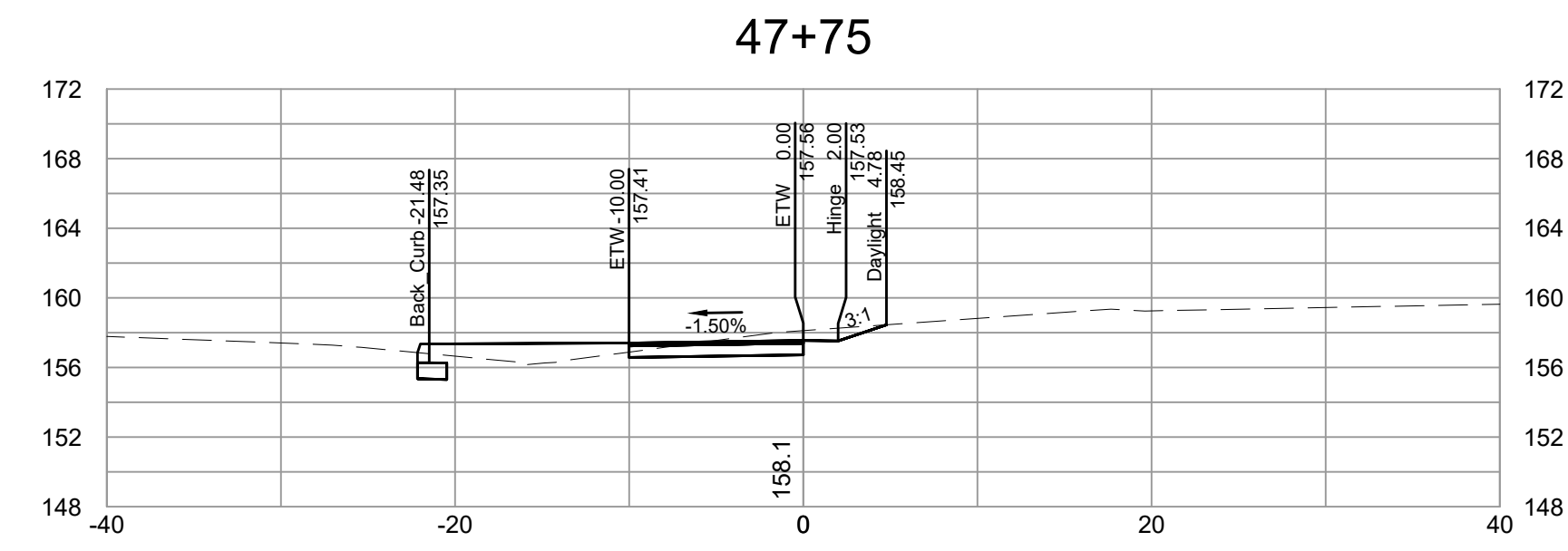
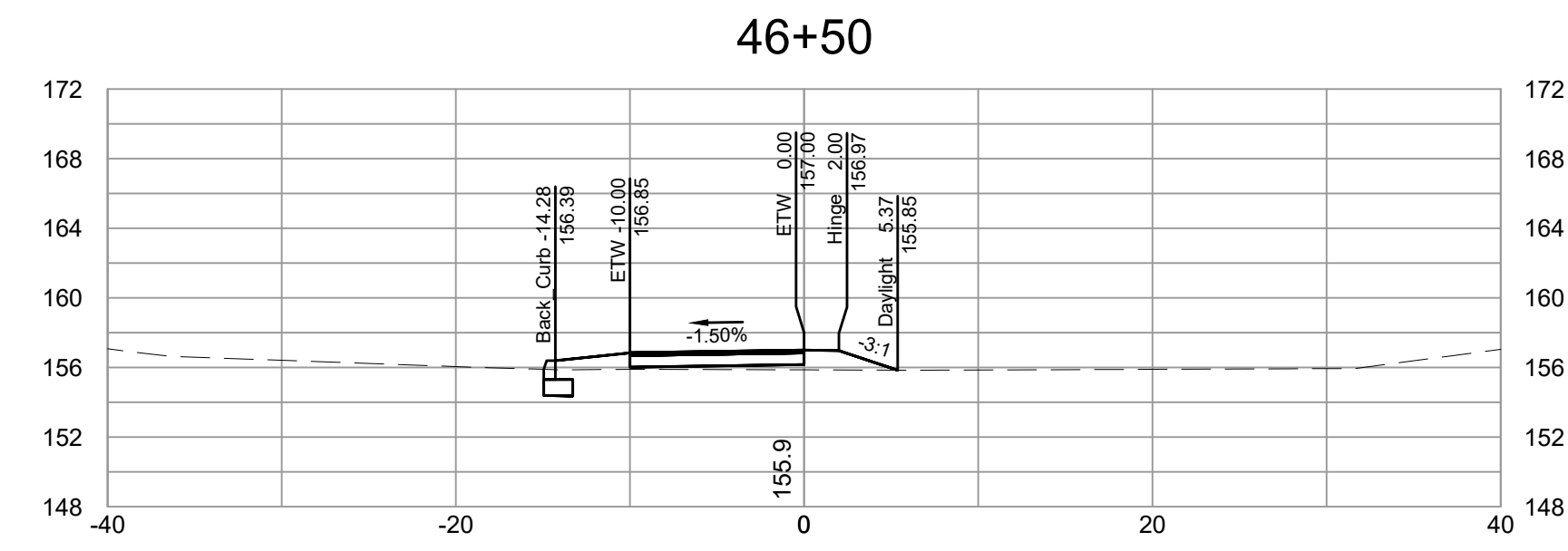
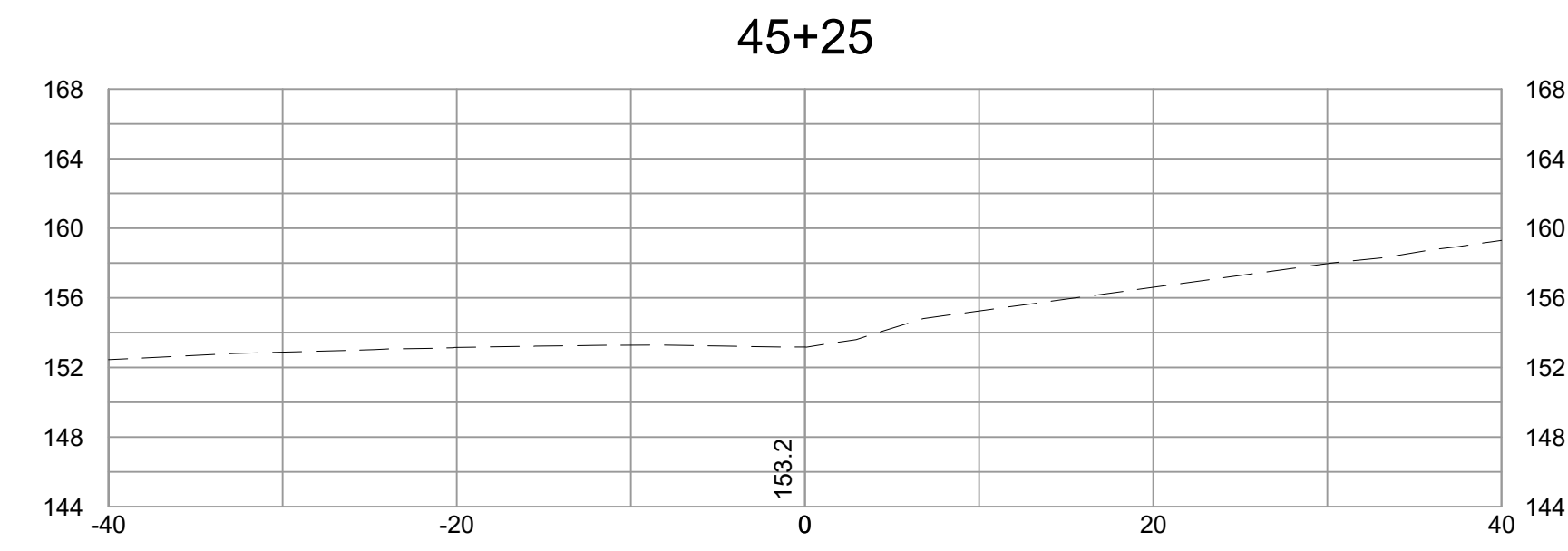
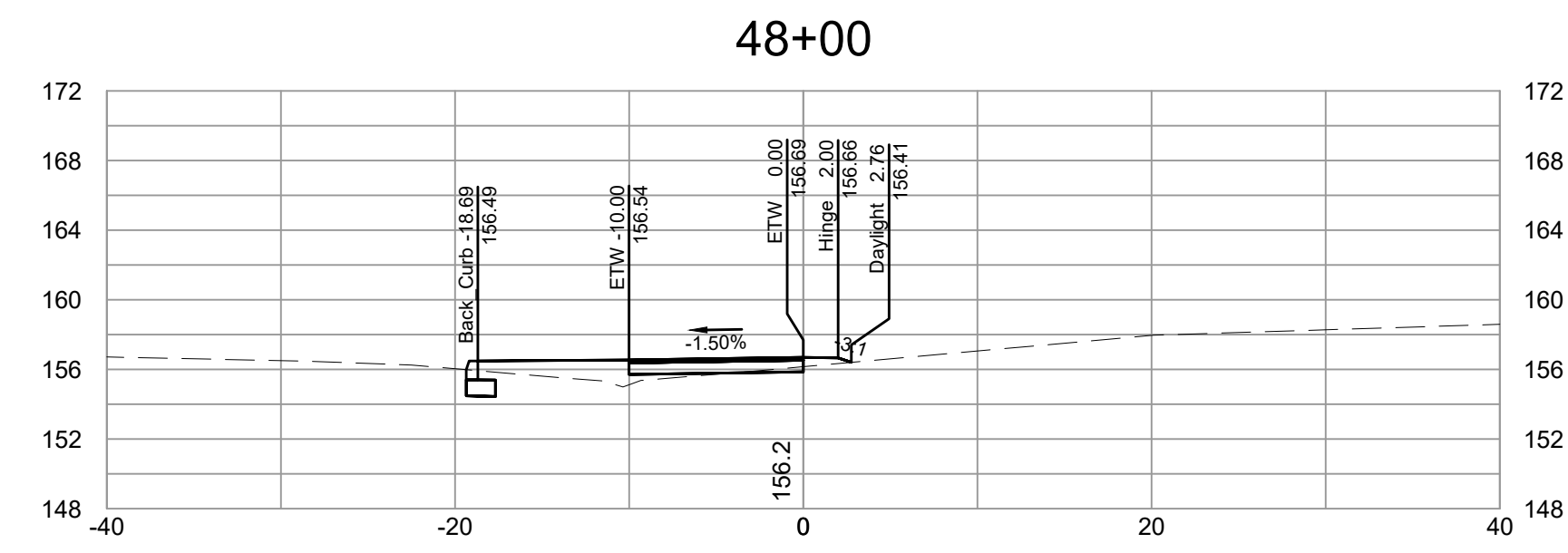
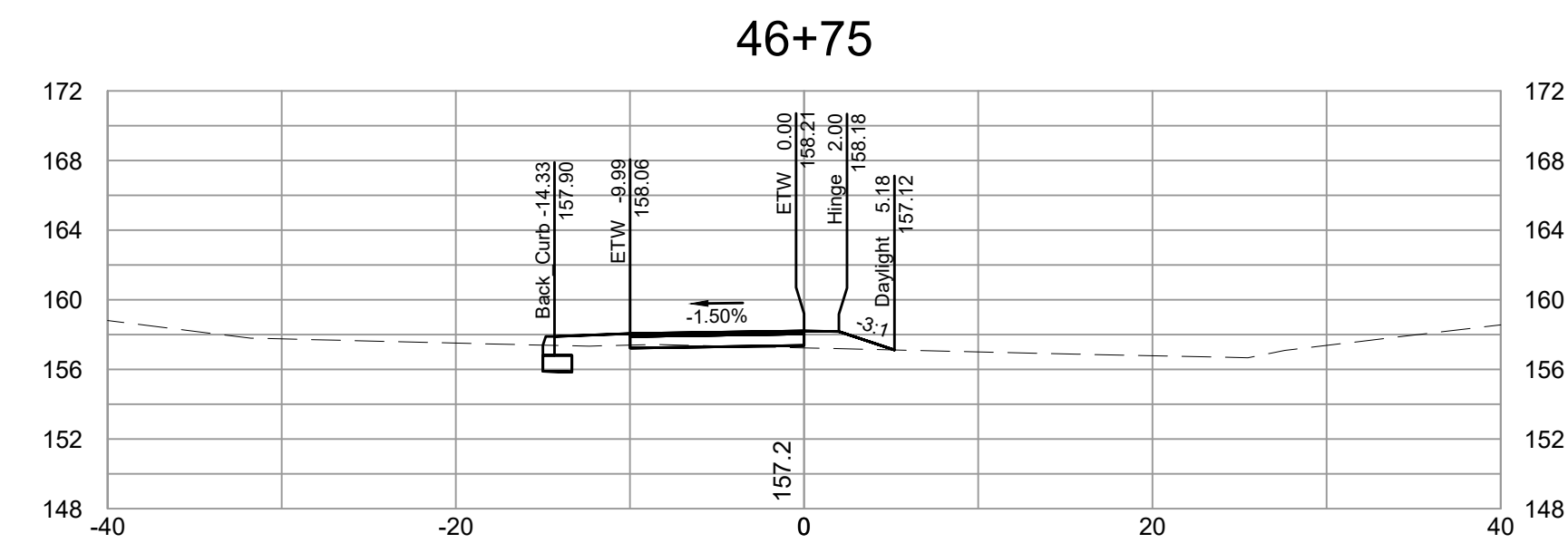
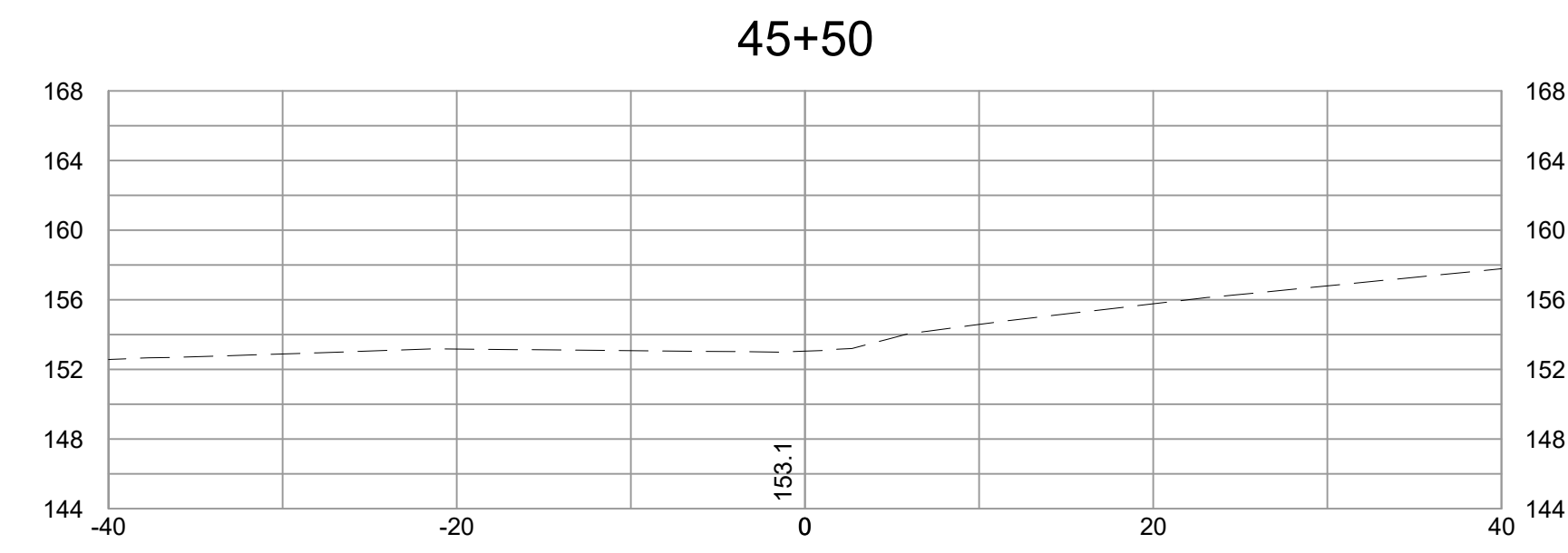
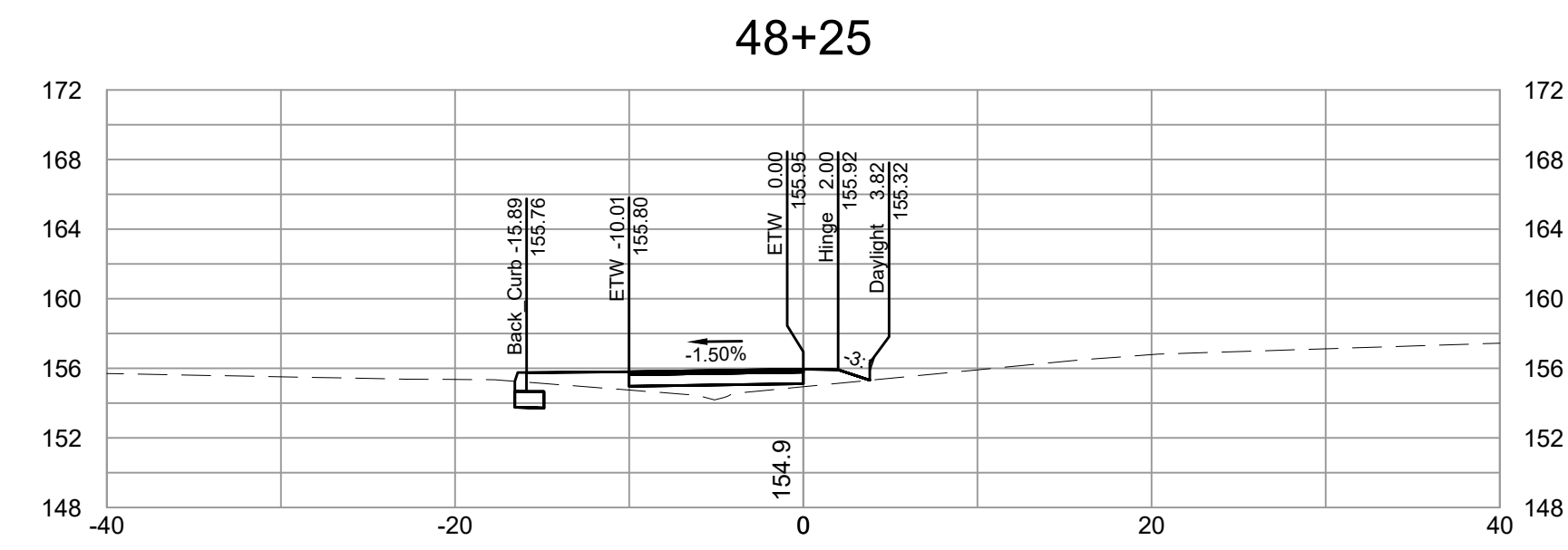
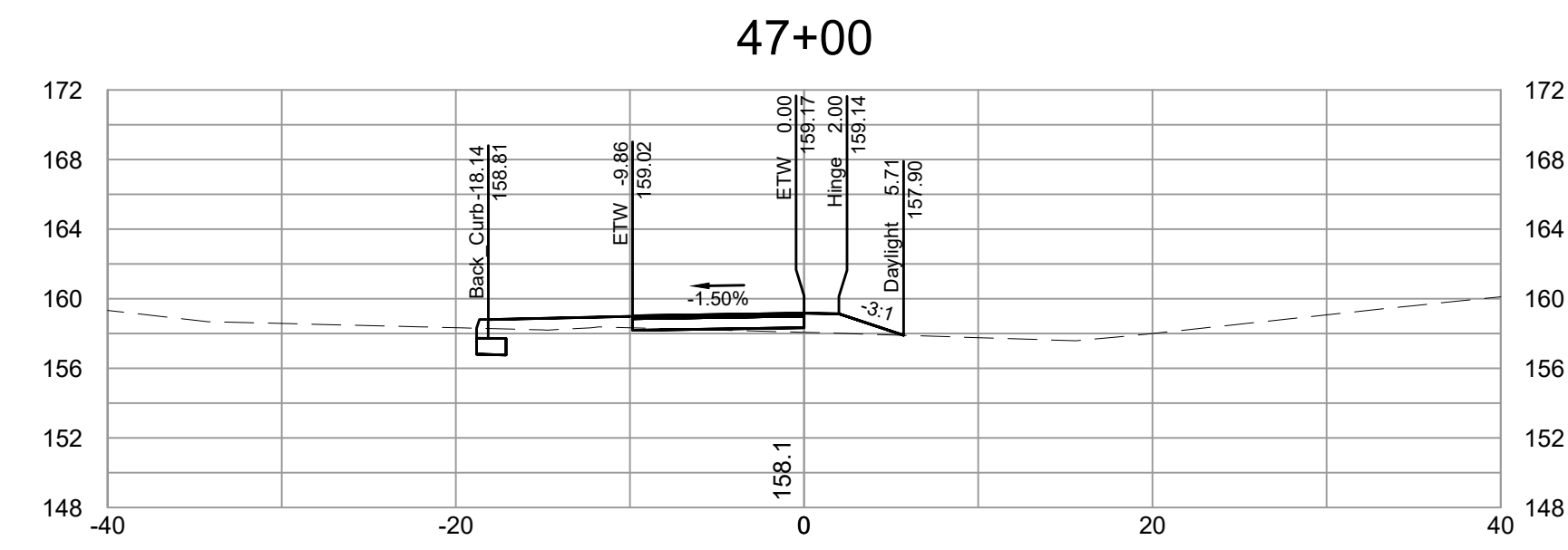
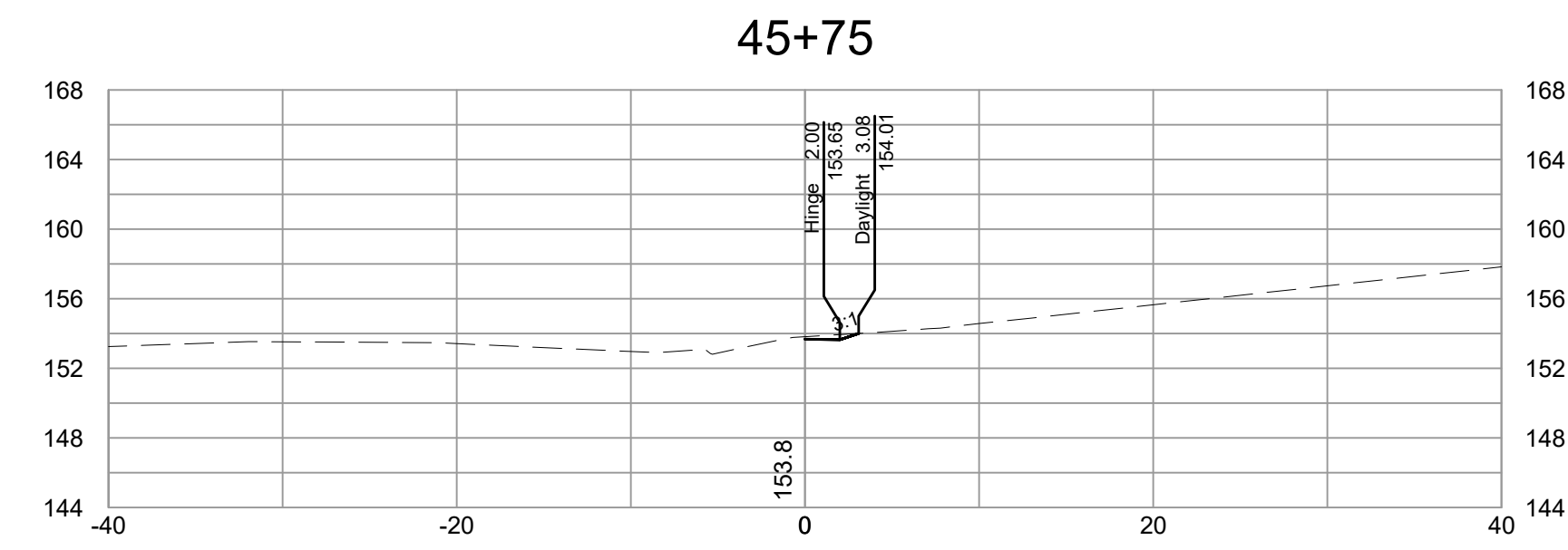
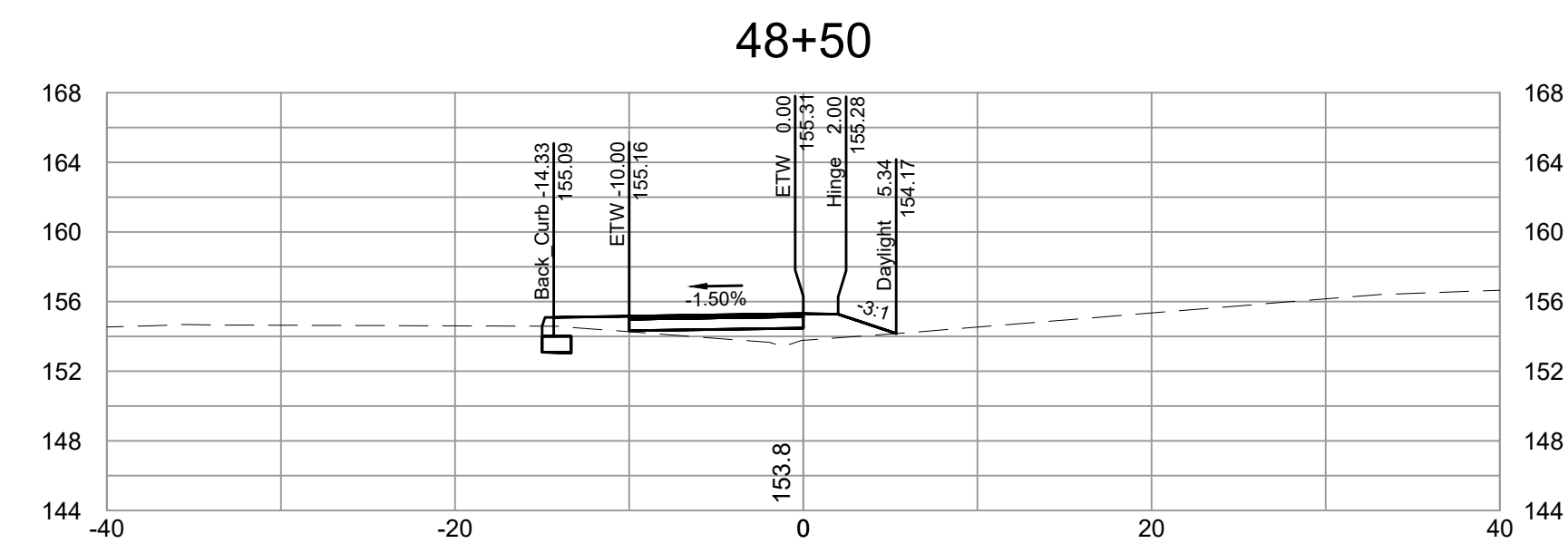
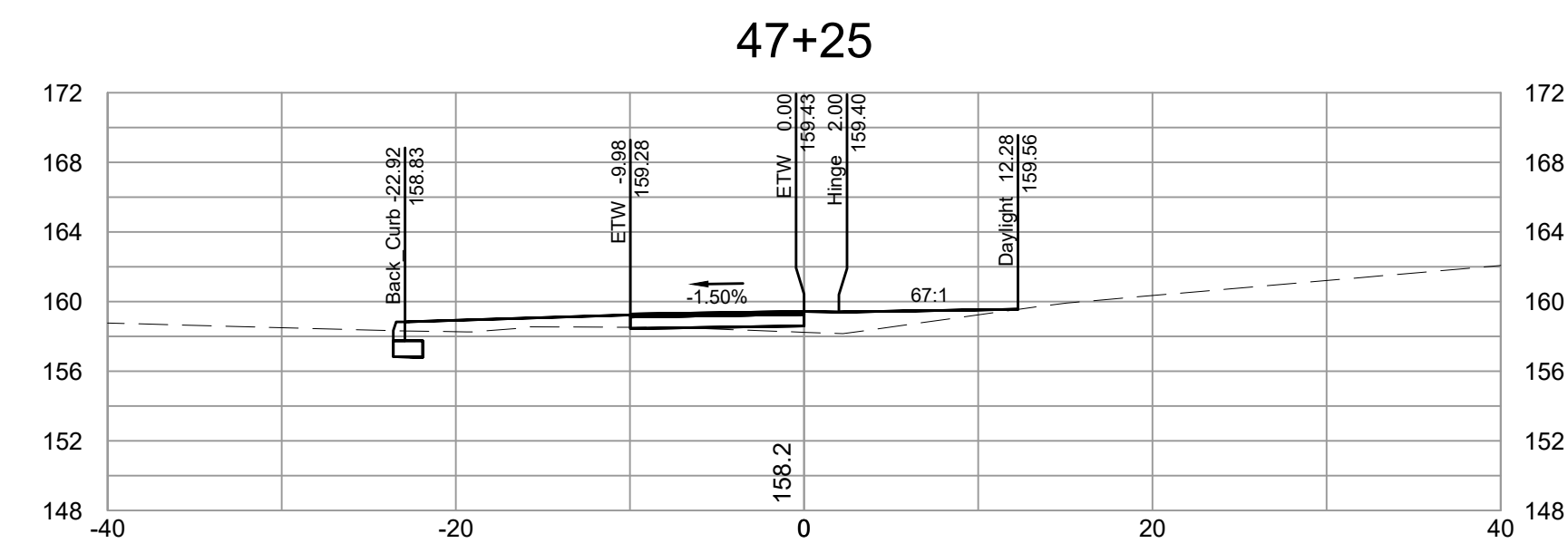
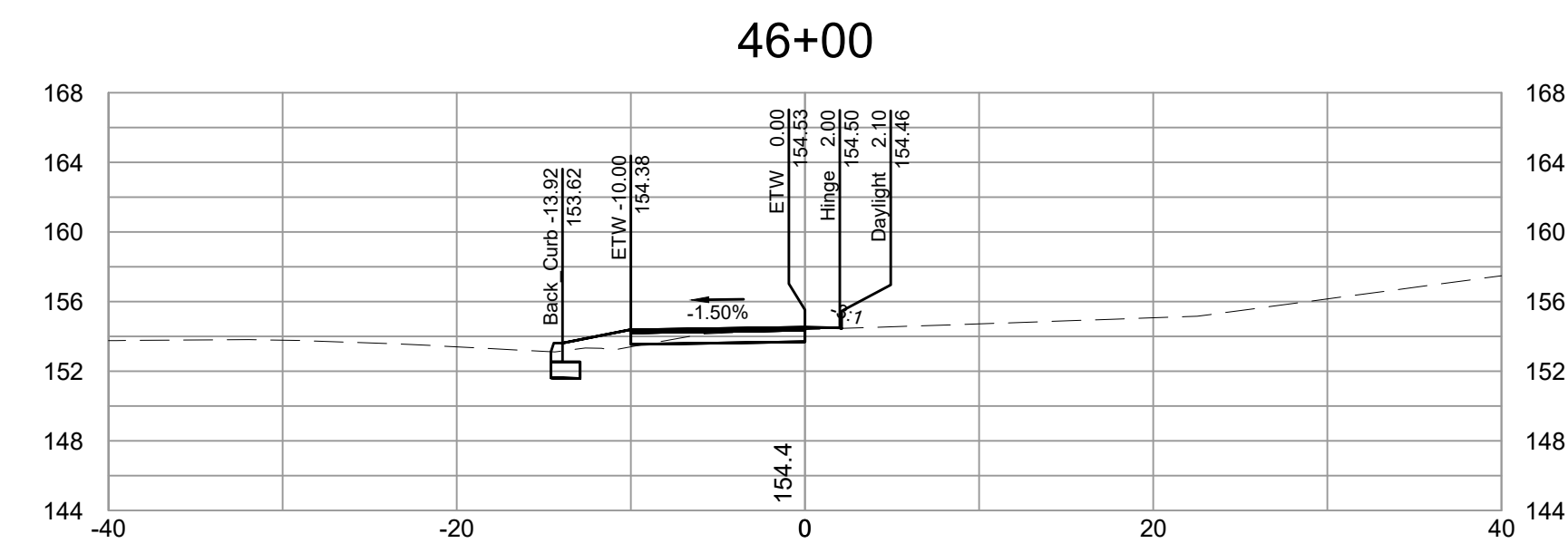


FALL LINE TRAIL - BRYAN PARK
CROSS SECTIONS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES FB-XX, pp XX-XX	SCALE HORIZ. 1"=10' VERT. N/A	DATE 5/31/24	SHEET XS09	DRAWING NO. N-29103
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L:\2024\783-FL-FallLineTrail\DWG\Sheet\06\6783-2024-XS09.dwg | Plotted on 5/30/2024 5:42 PM | by Kaitlyn Jenkins

Timmons Group
 Richmond, Virginia
 HYDRAULIC/ROADWAY
 ENGINEER



SURVEYED BY: TIMMONS GROUP
 SUPERVISED BY: N. SOUCIE
 DESIGNED BY: K. JENKINS

L:\2024\783-FLT_BryanPark\DWG\Sheet\CD\6783-2024-XS10.dwg | Plotted on 5/30/2024 5:42 PM | by Kaitlyn Jenkins

NOTES

- Lot dimensions in parentheses are from deed.
- Property owners correct as of _____, 2024
- Ordinance Number N/A
- Adopted N/A
- Accepted N/A

LEGEND



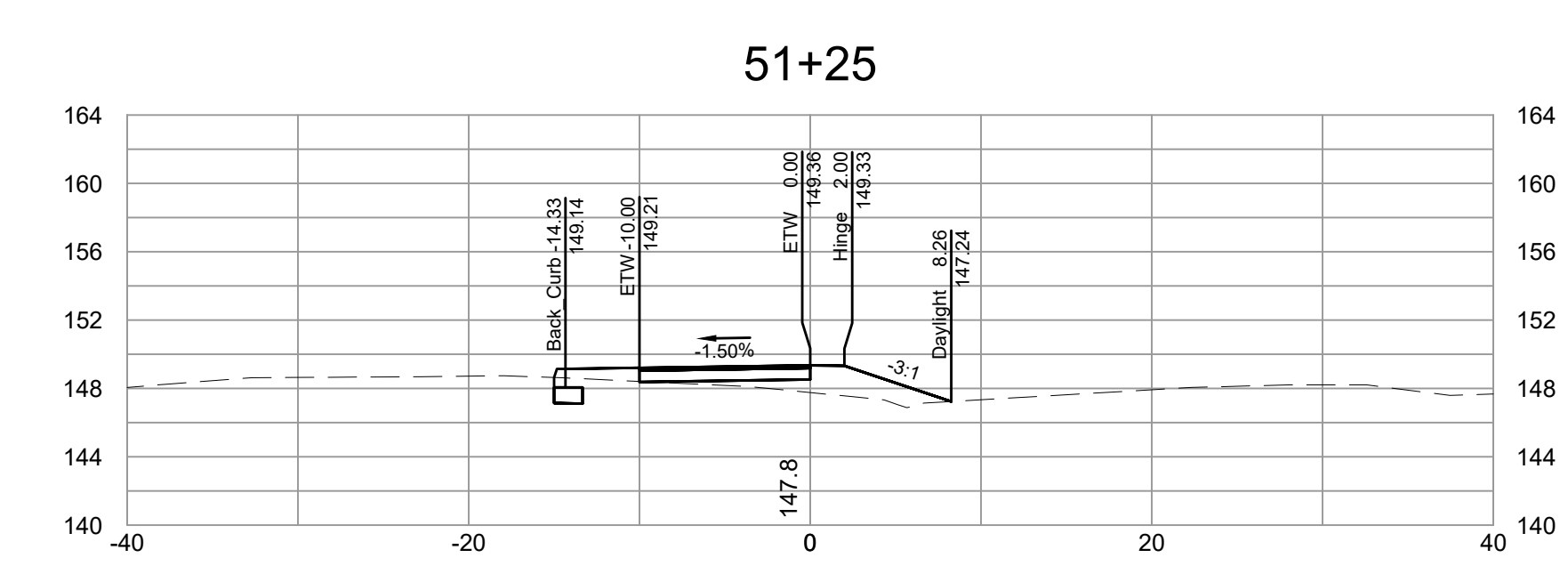
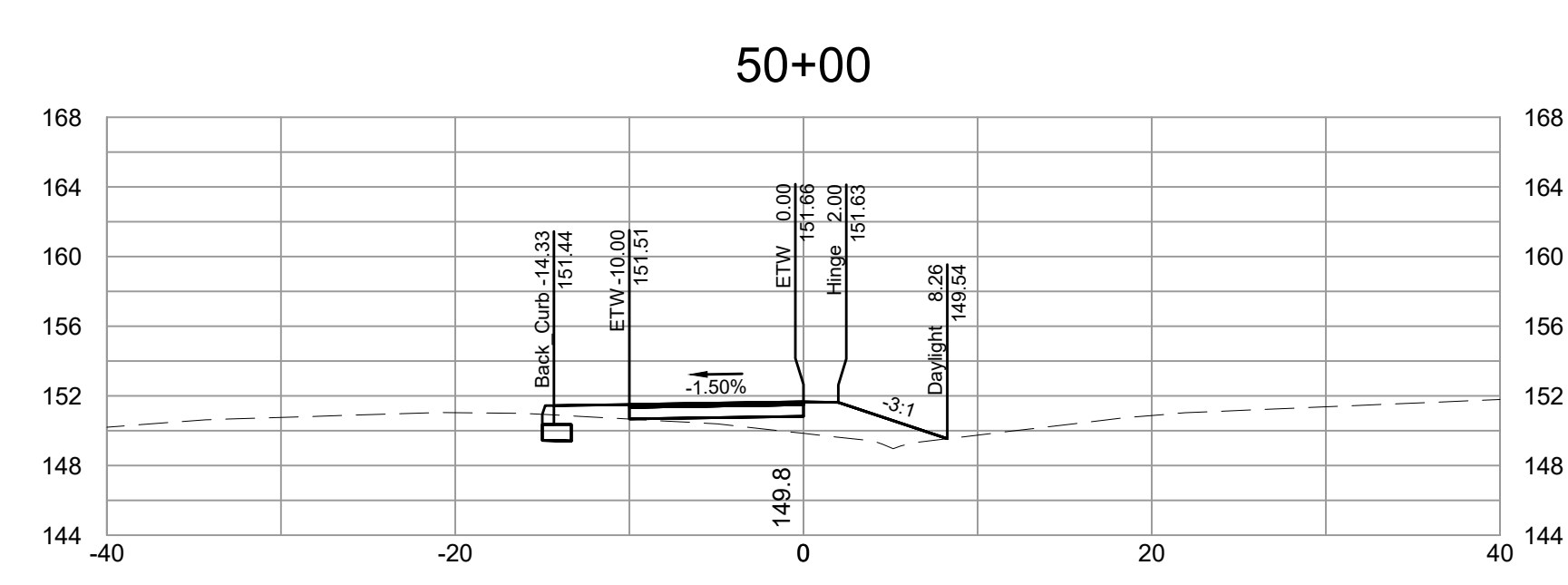
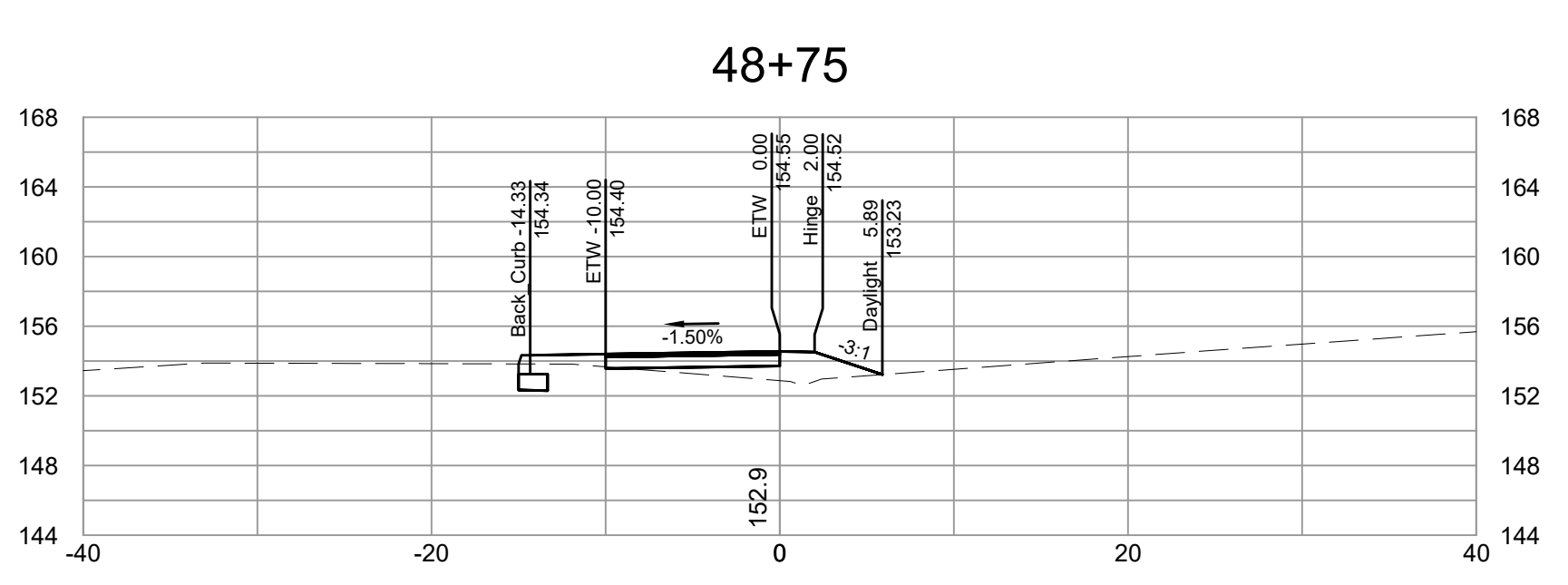
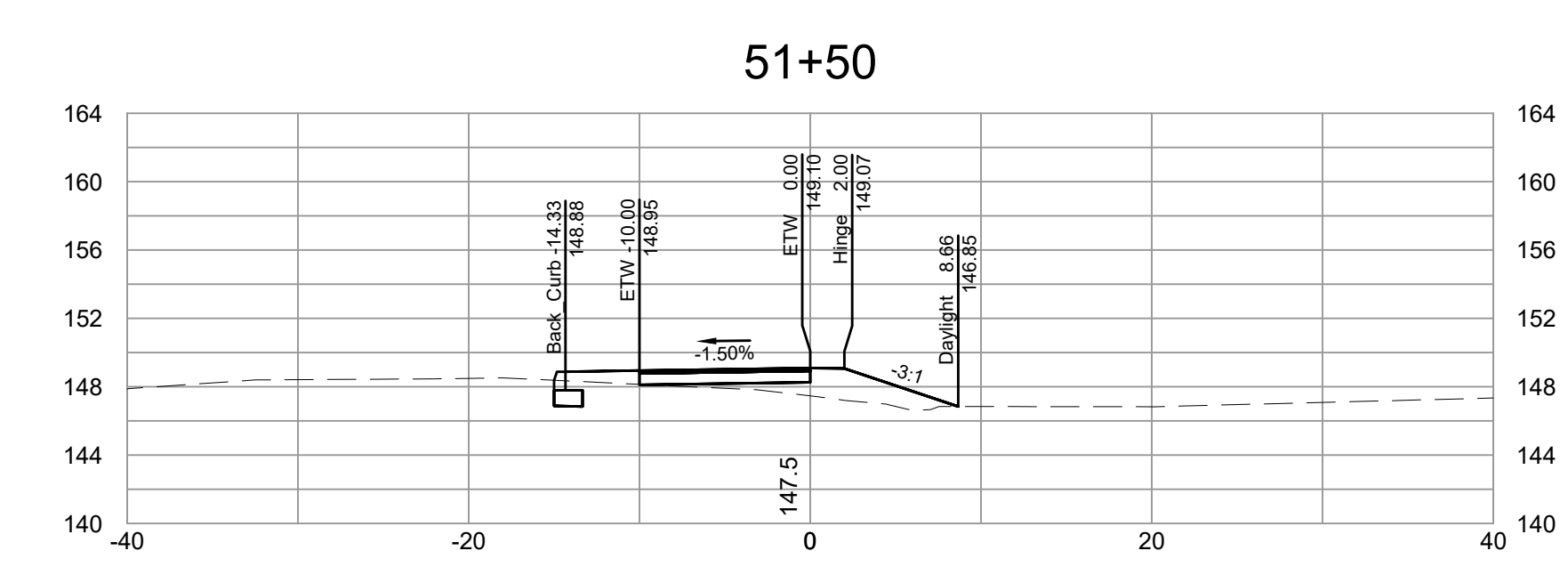
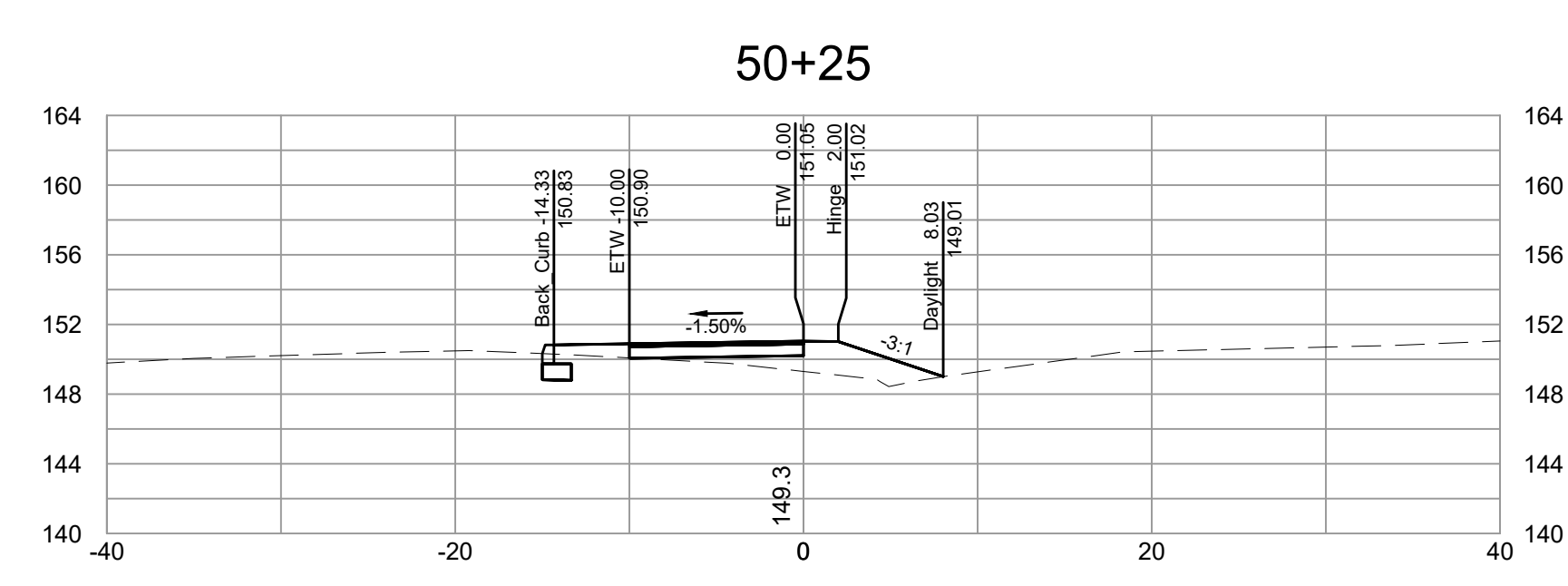
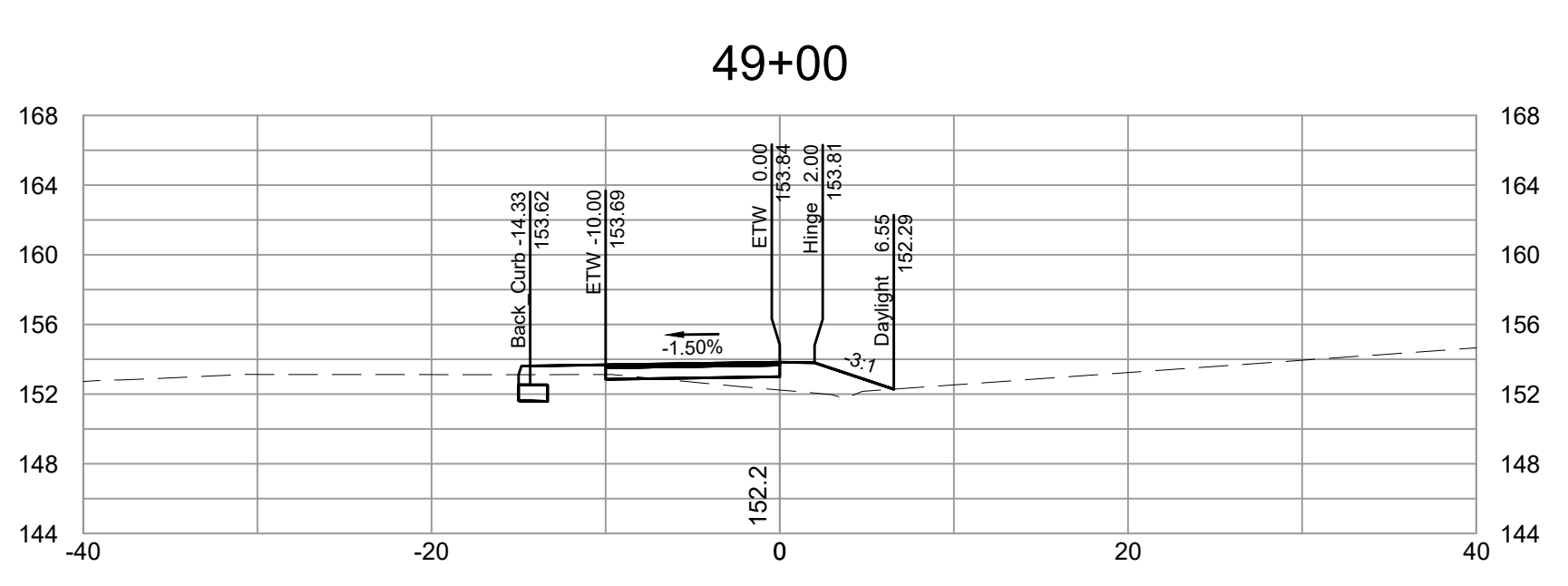
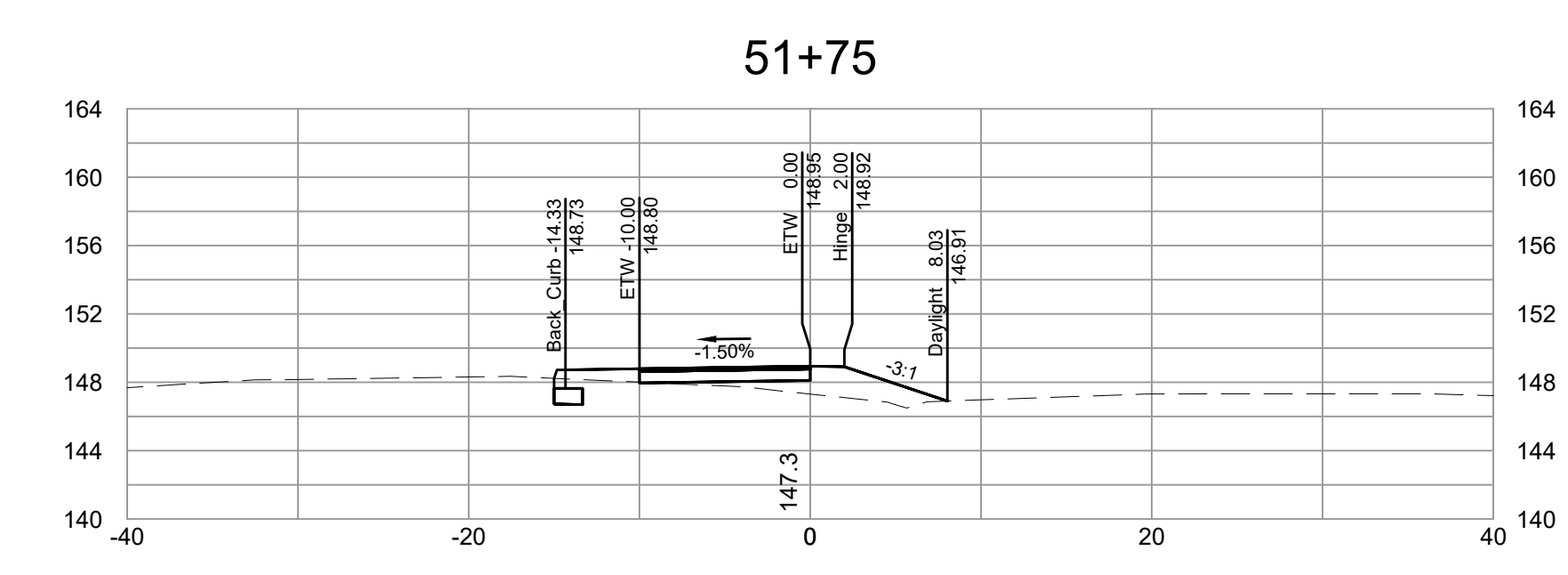
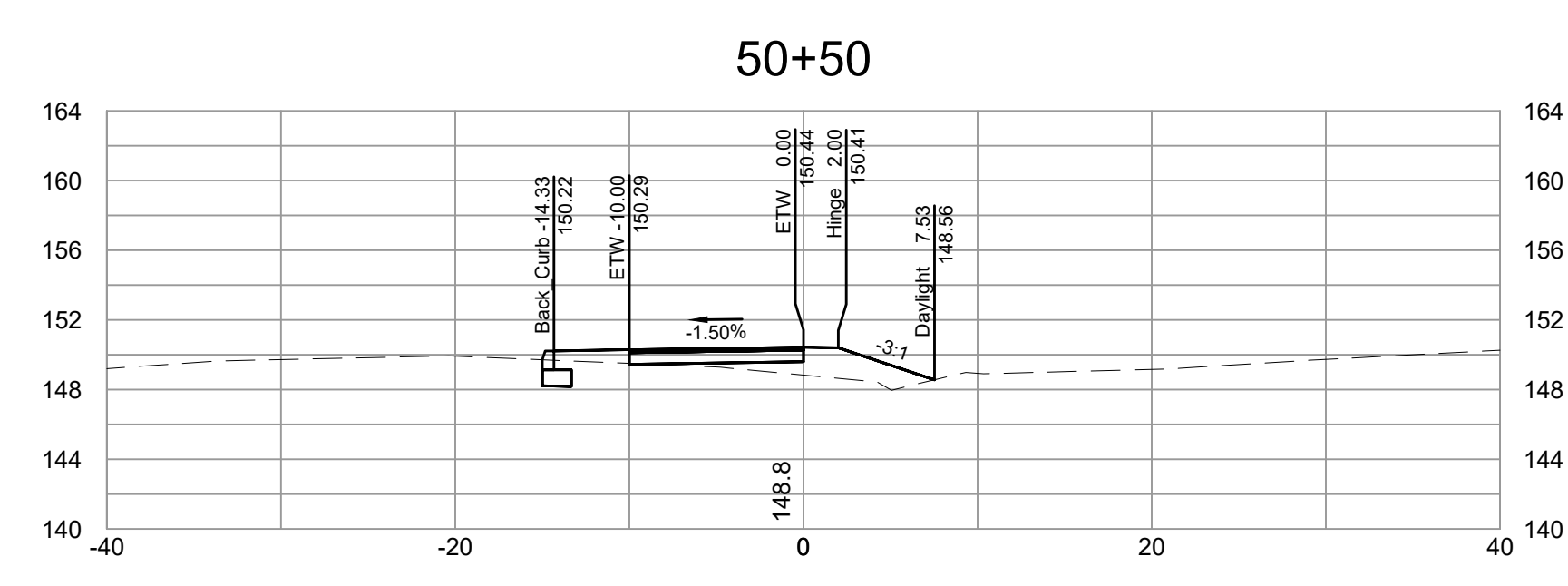
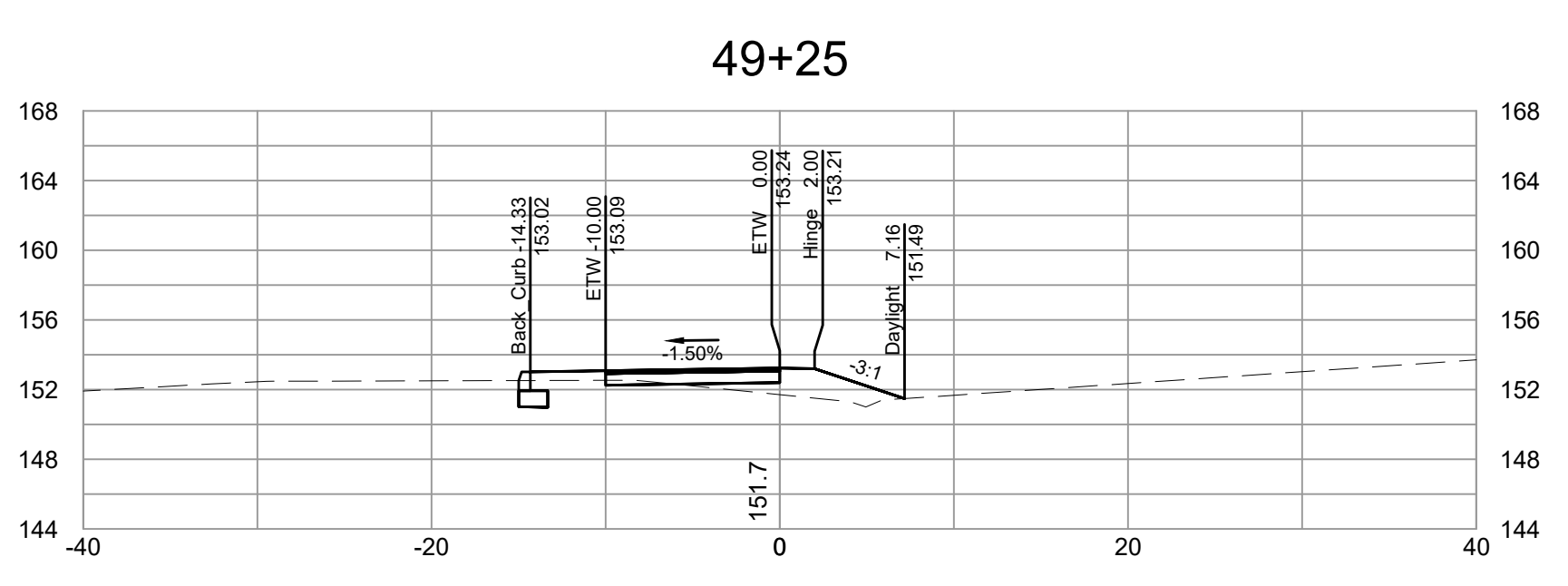
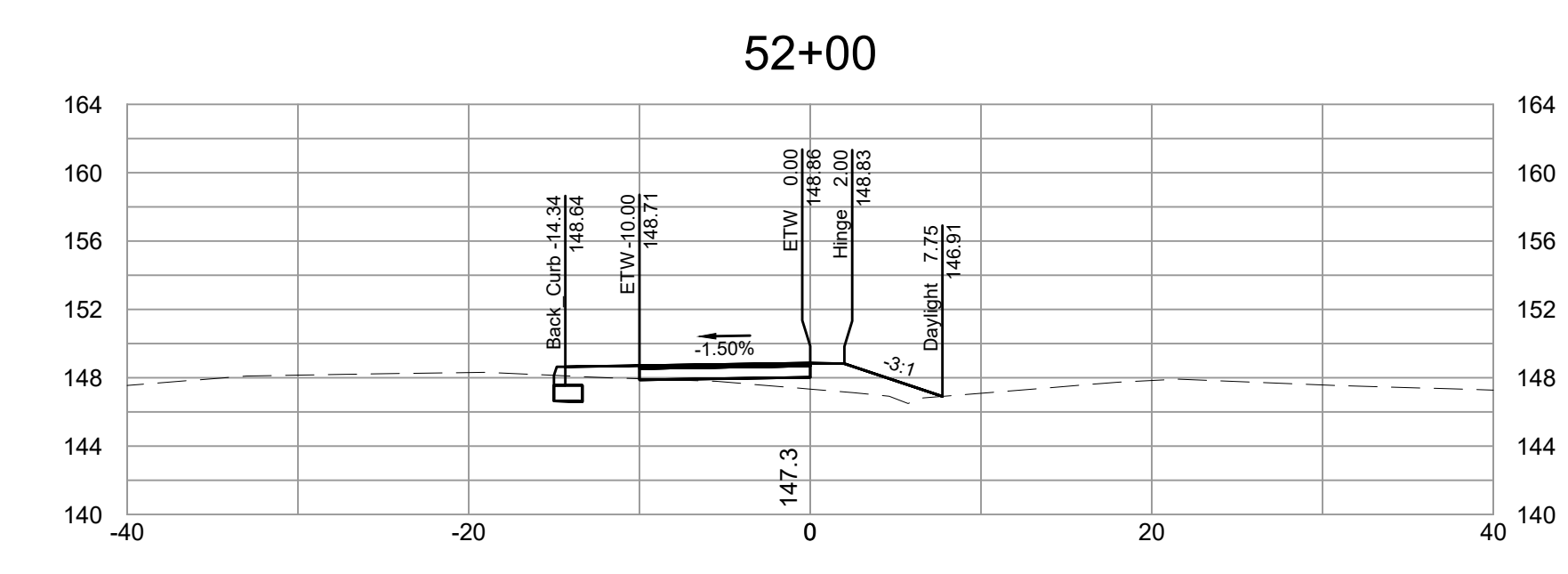
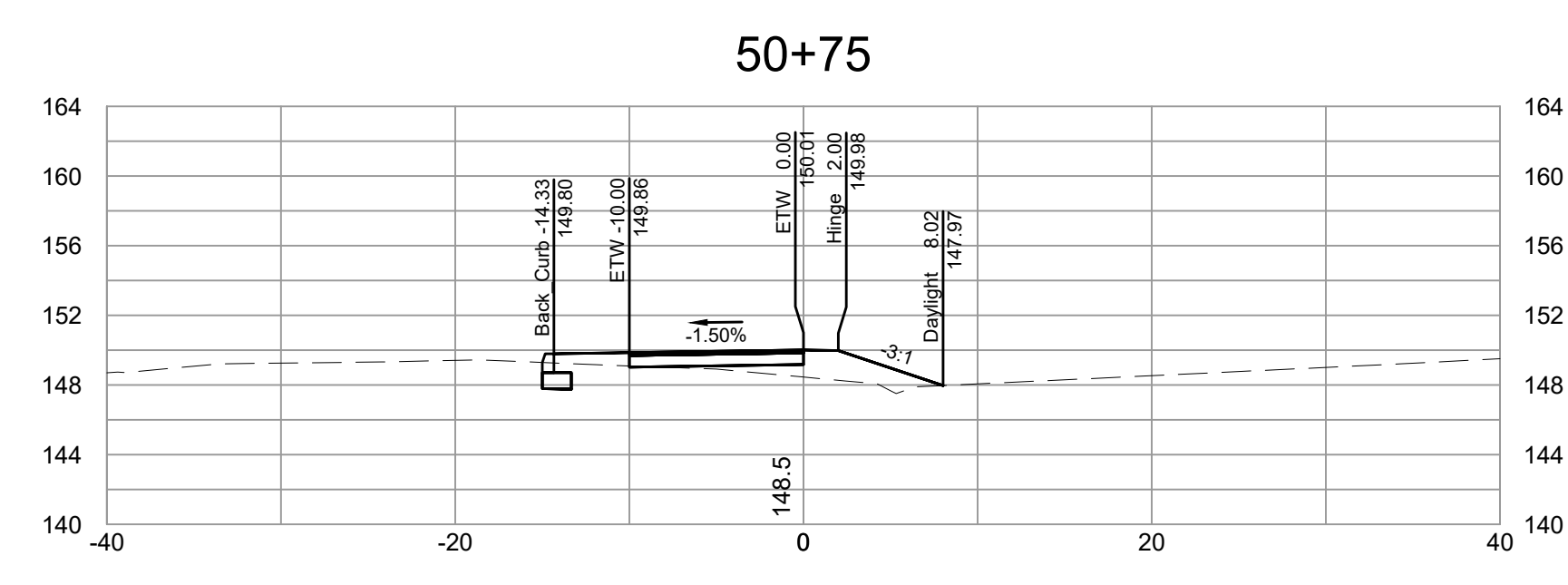
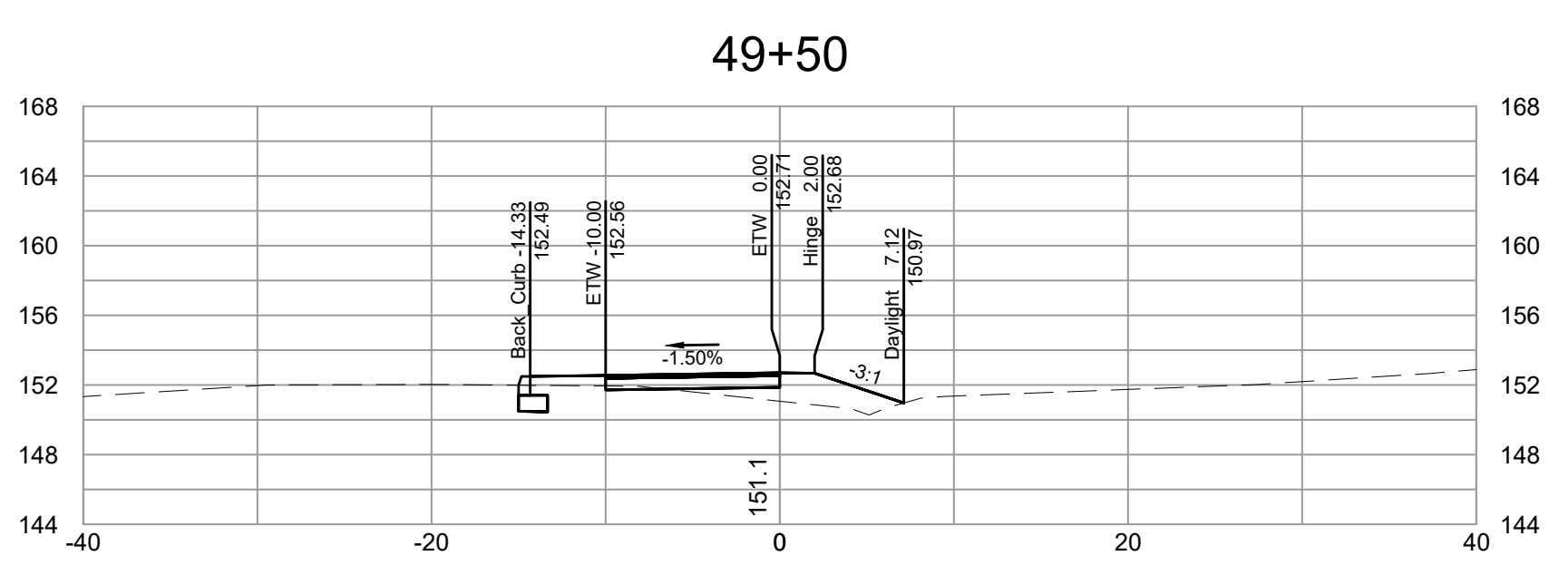
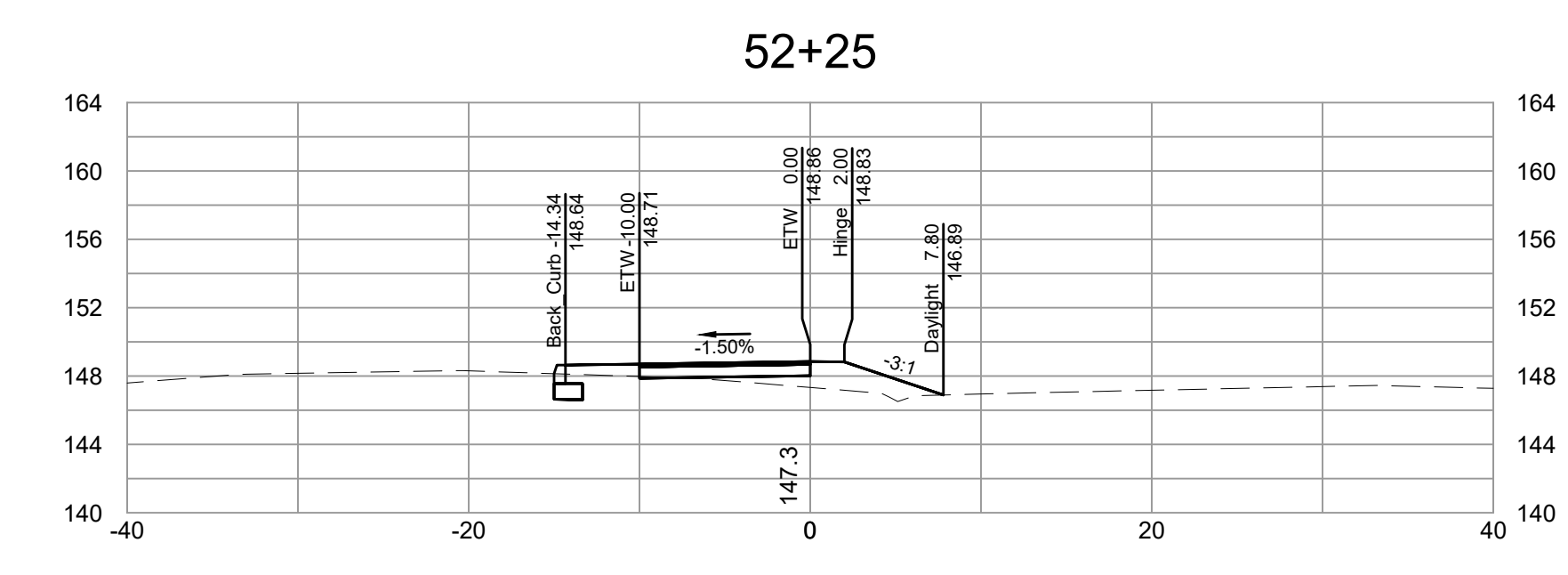
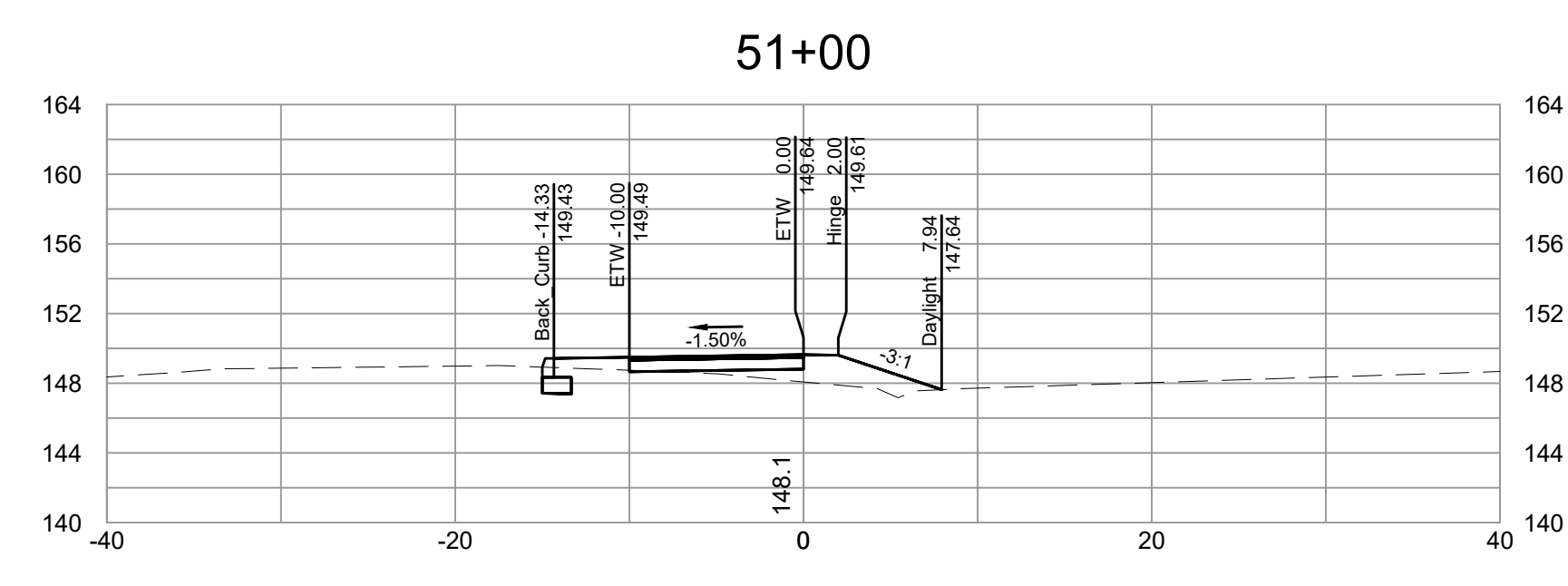
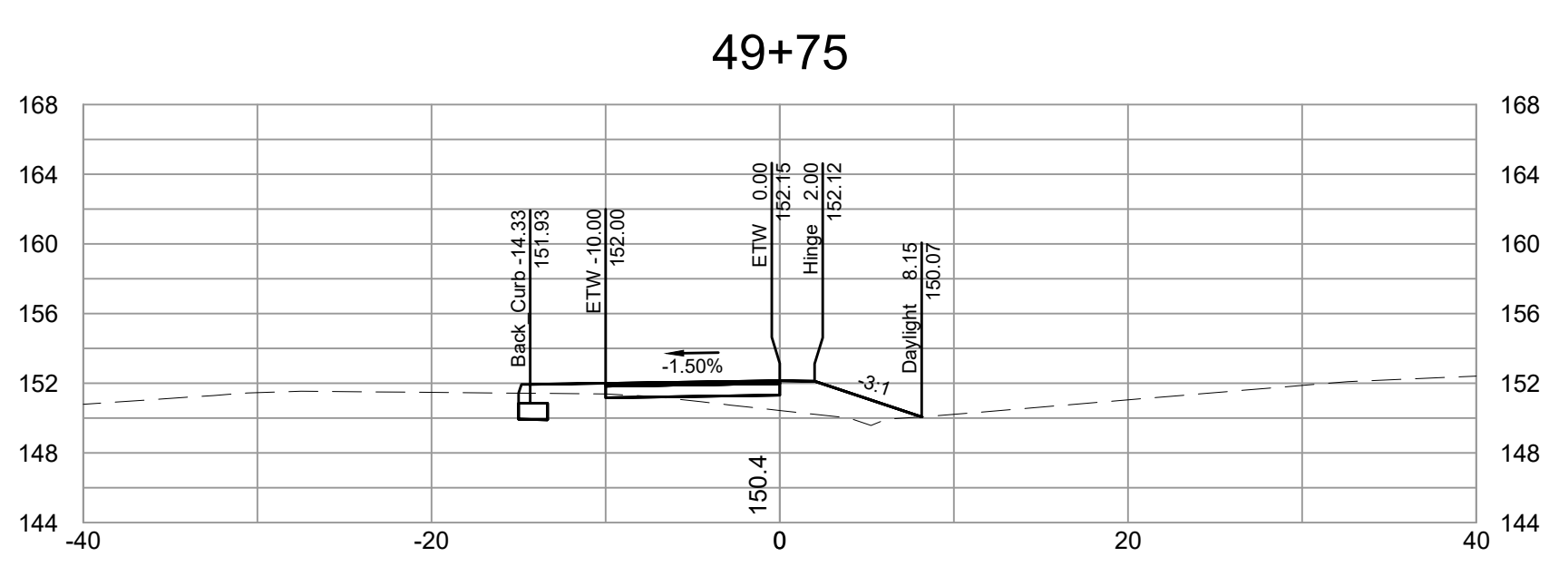
DEPARTMENT OF PUBLIC WORKS
 RICHMOND, VIRGINIA



FALL LINE TRAIL - BRYAN PARK
 CROSS SECTIONS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1"=10'	DATE: 5/31/24	SHEET: XS10	DRAWING NO.: N-29103
CHECKED BY: N. SOUCIE			VERT: N/A			

Timmons Group
Richmond, Virginia
HYDRAULIC/ROADWAY
ENGINEER



SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: K. JENKINS

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NOTES

- Lot dimensions in parentheses are from deed.
- Property owners correct as of _____, 2024
- Ordinance Number N/A
- Adopted N/A
- Accepted N/A

LEGEND



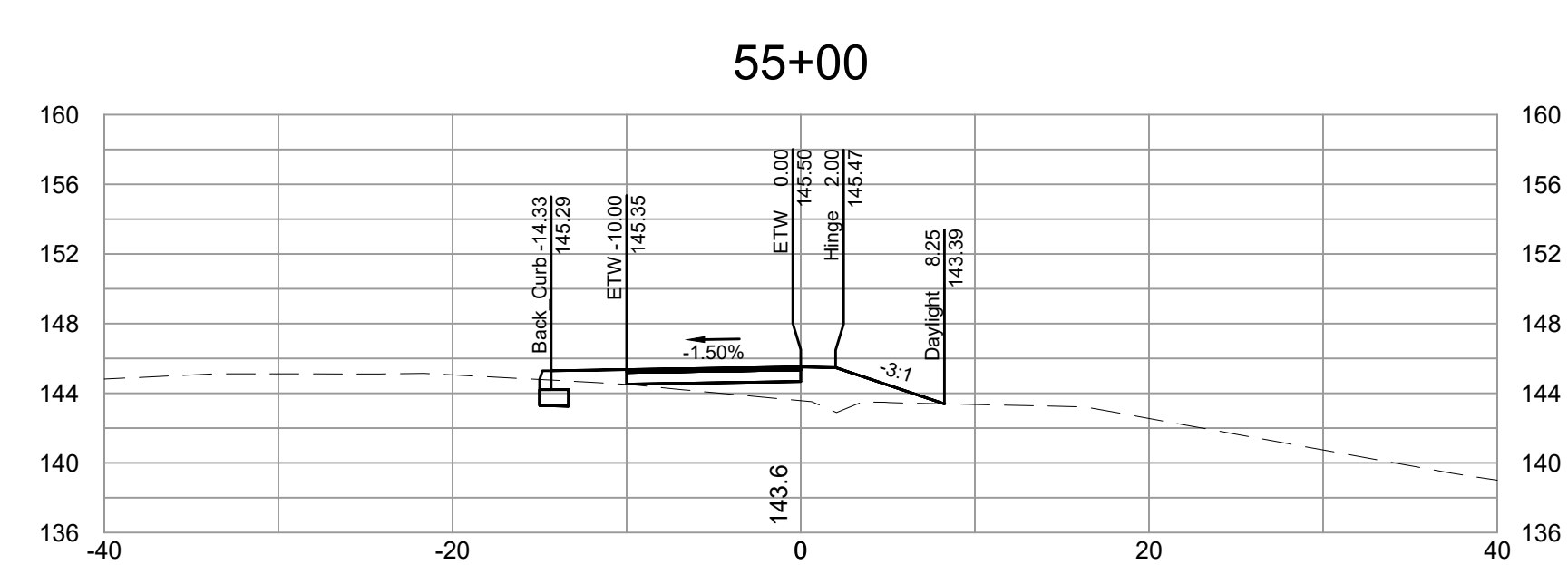
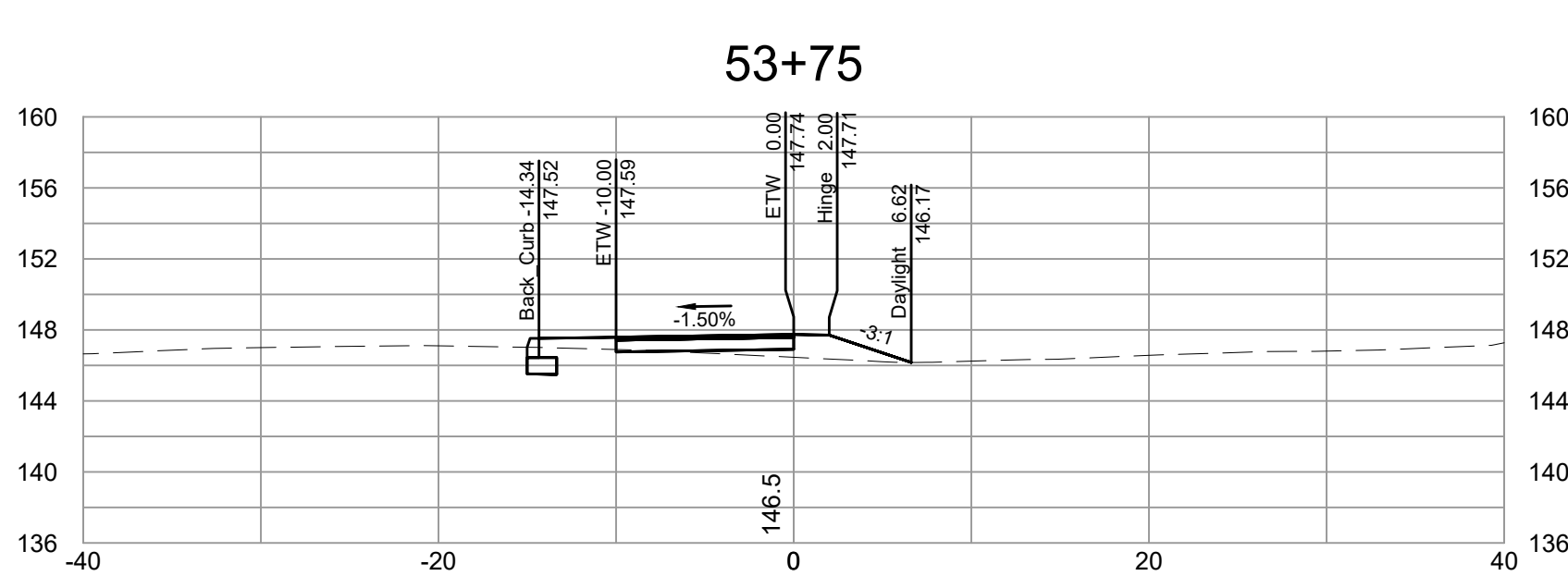
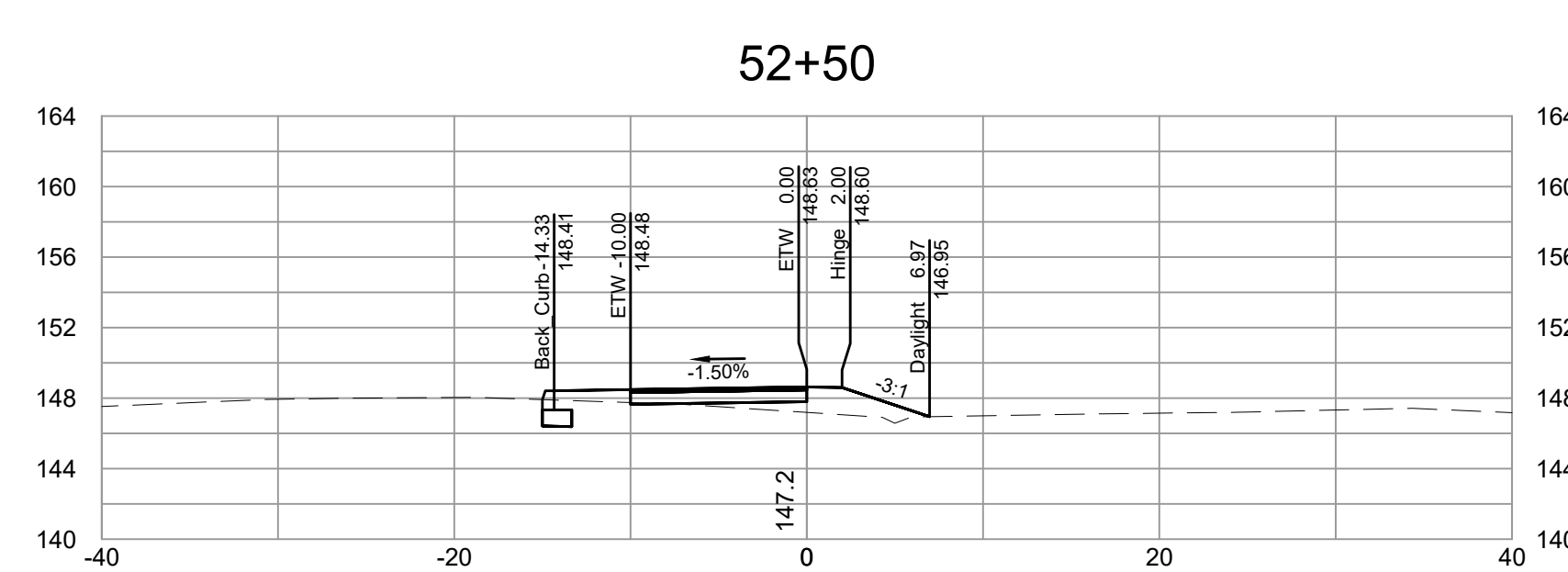
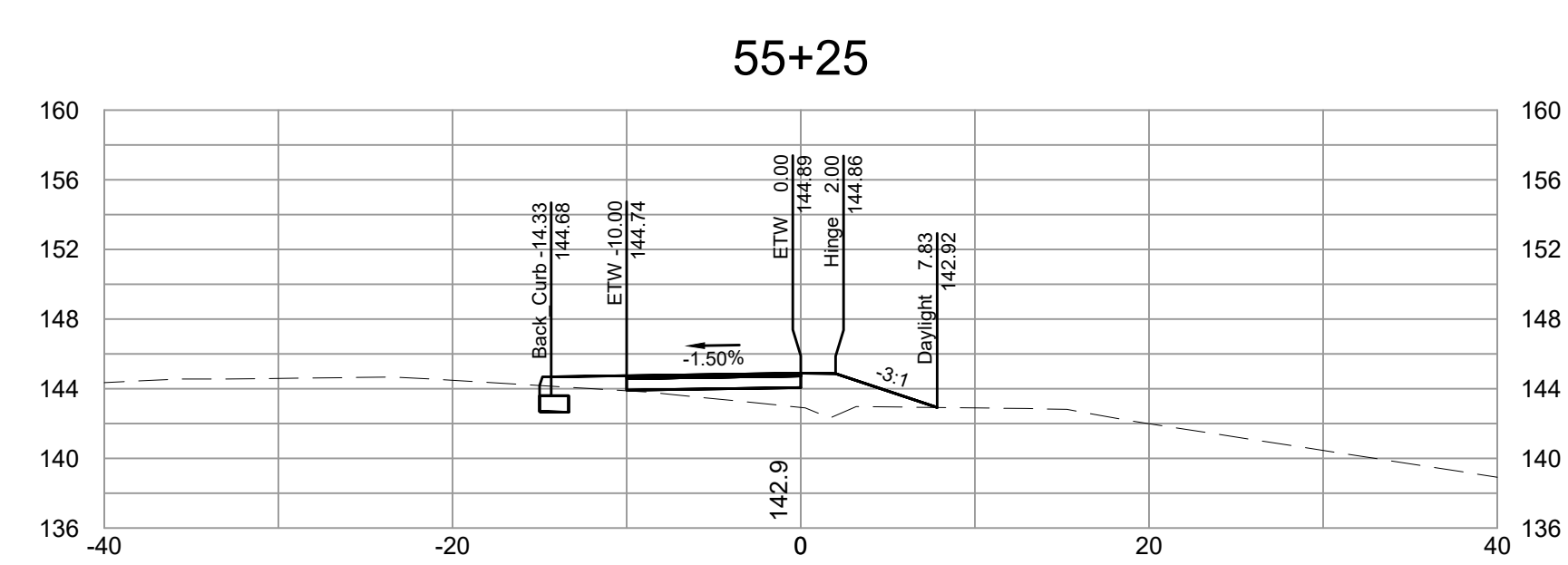
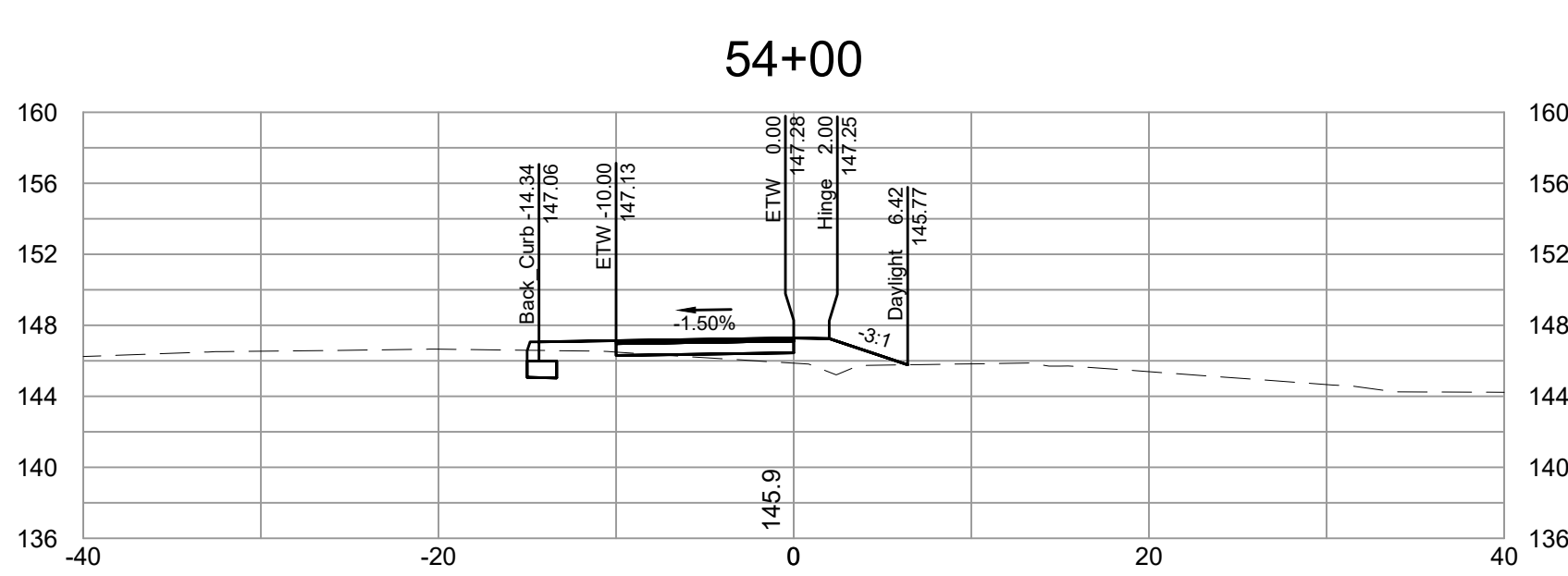
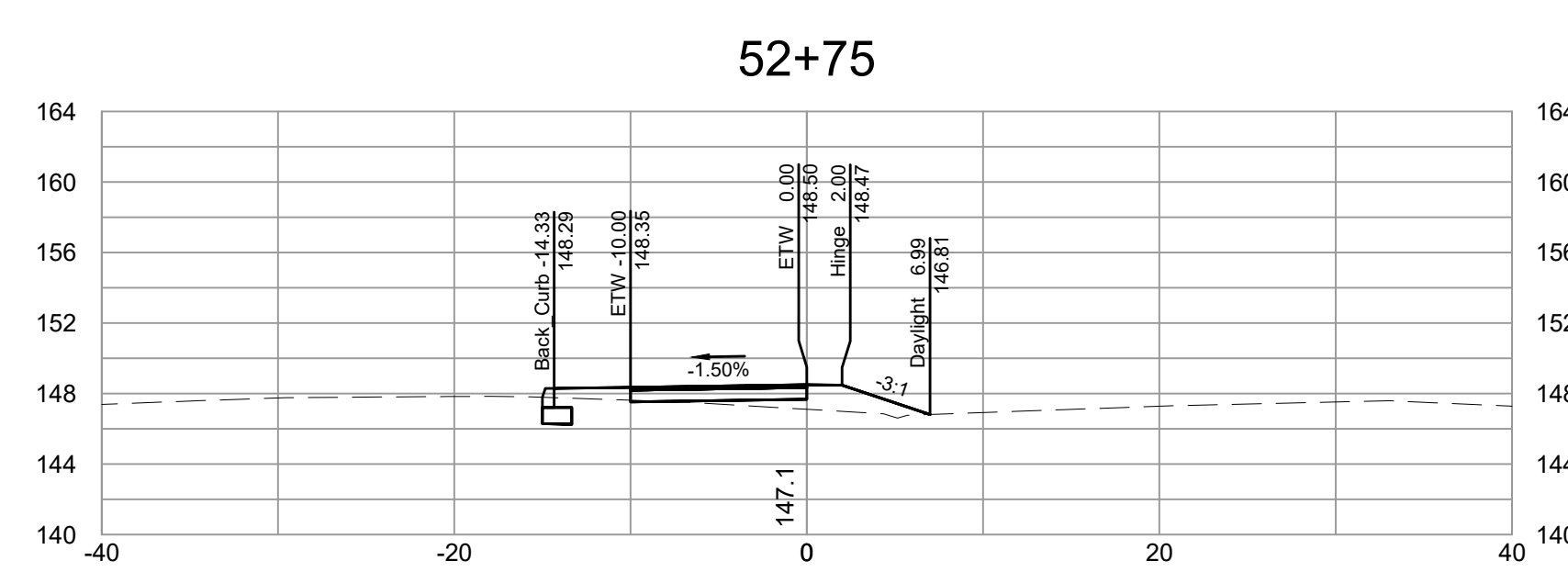
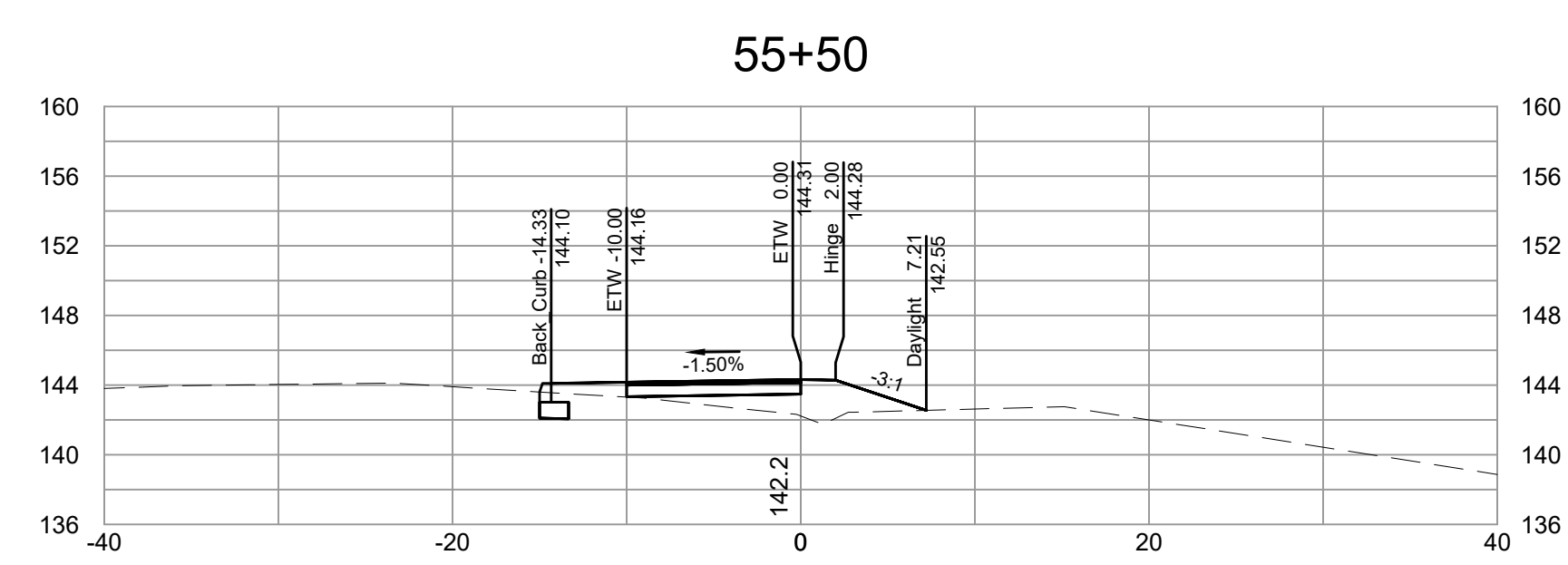
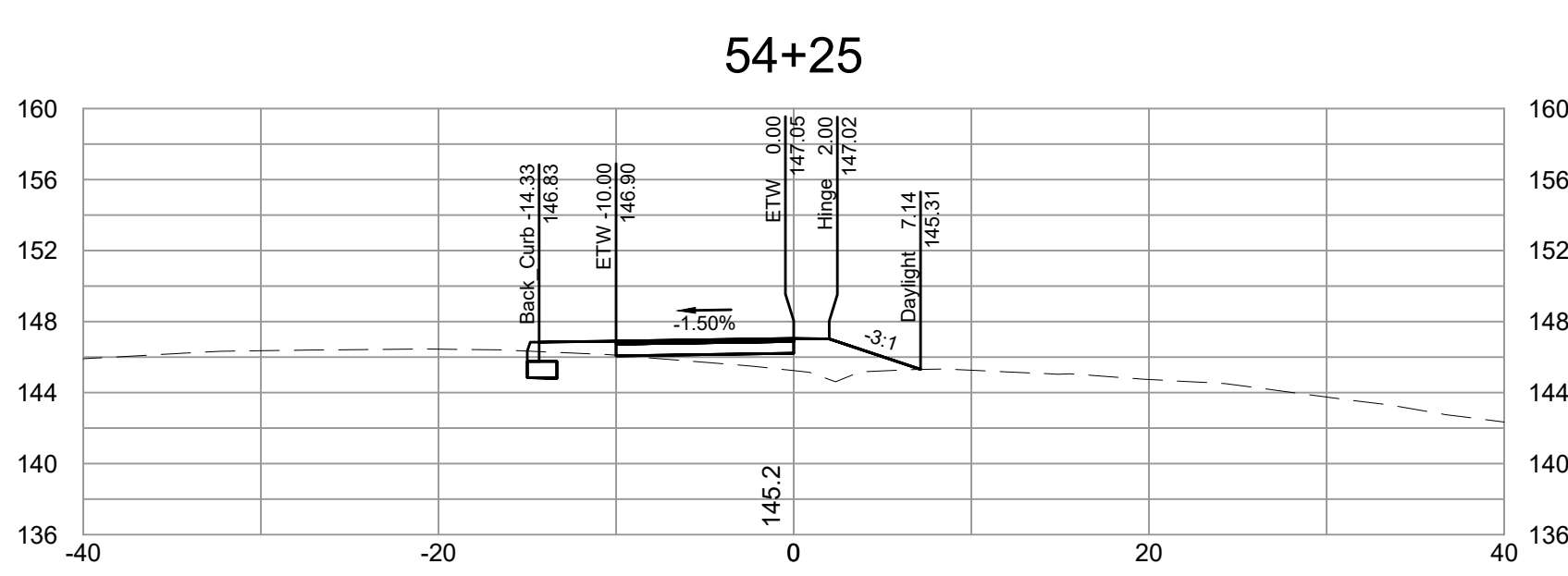
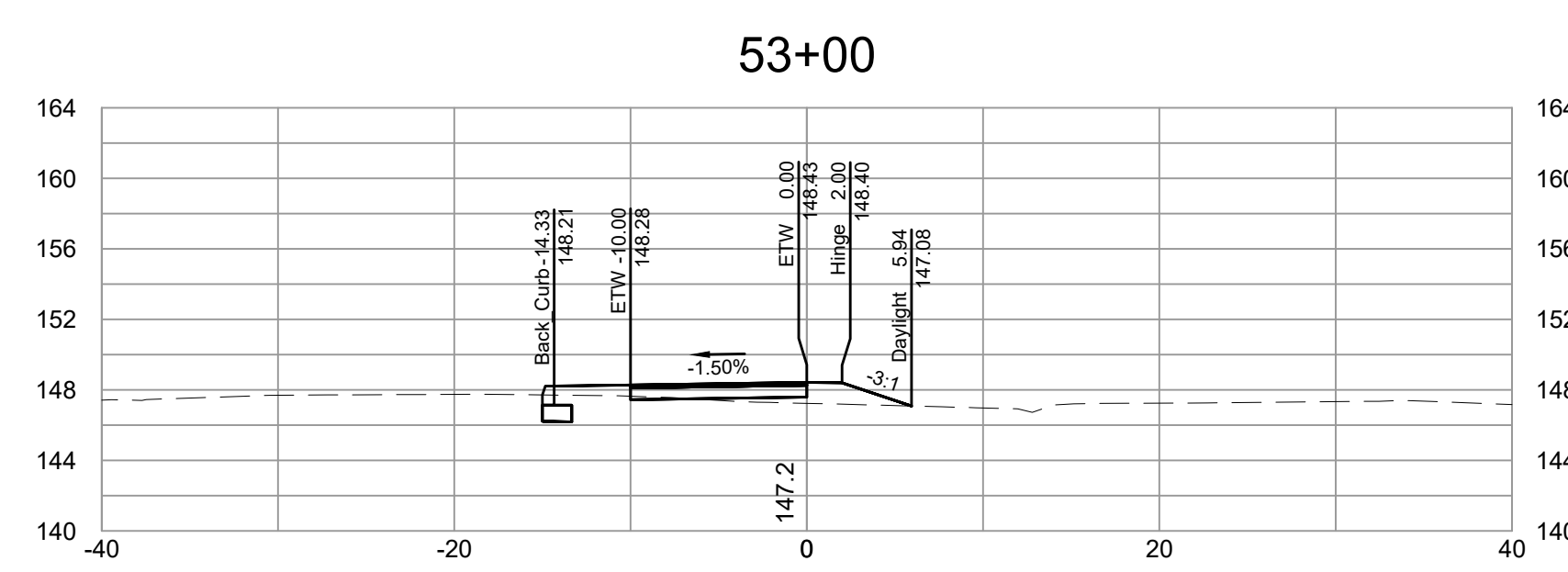
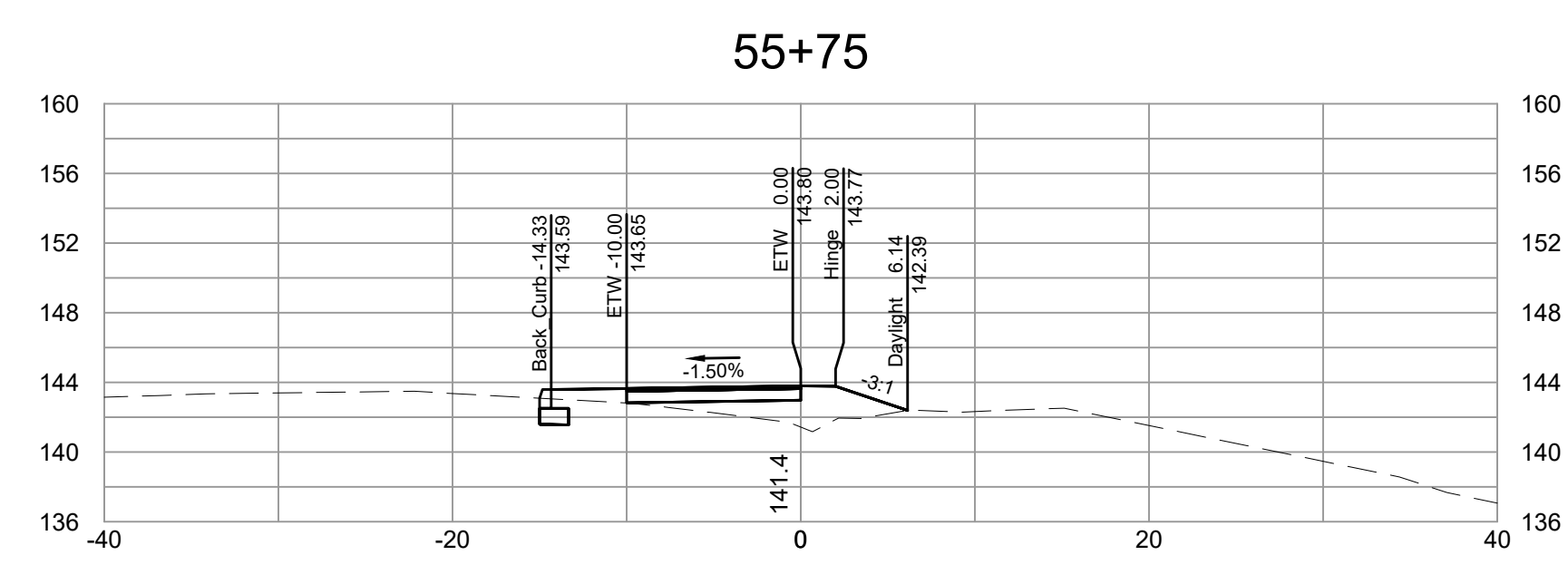
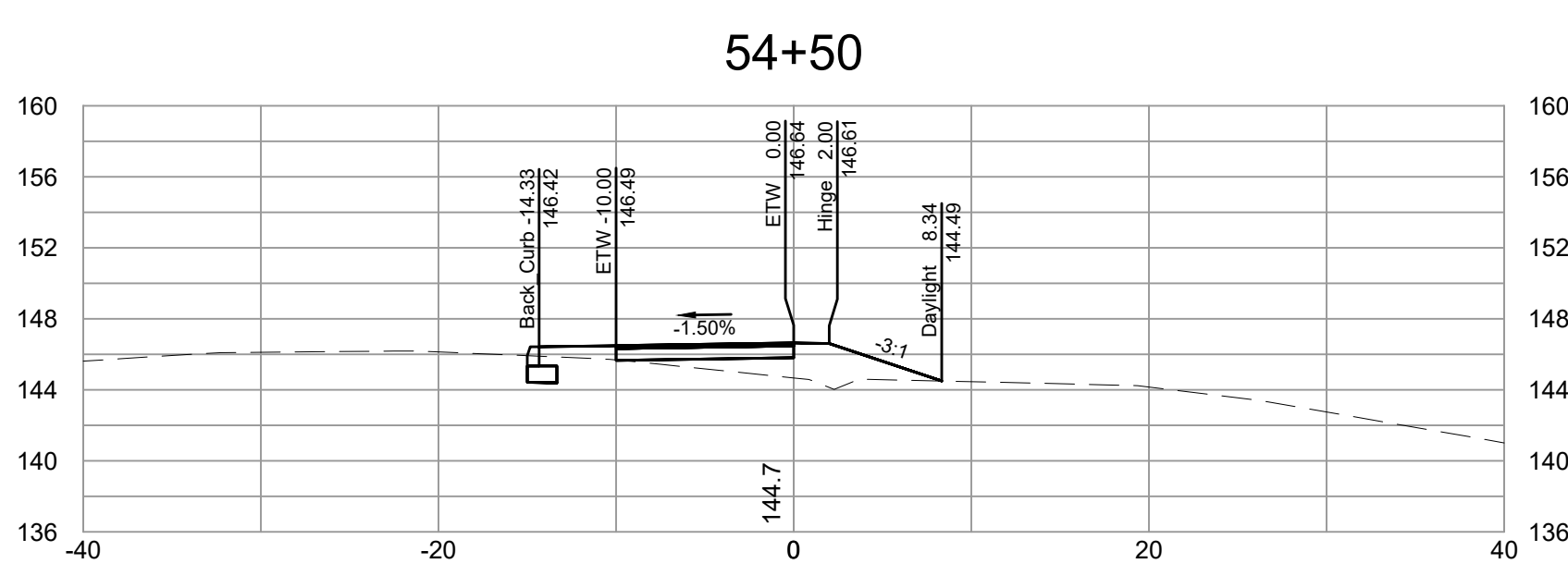
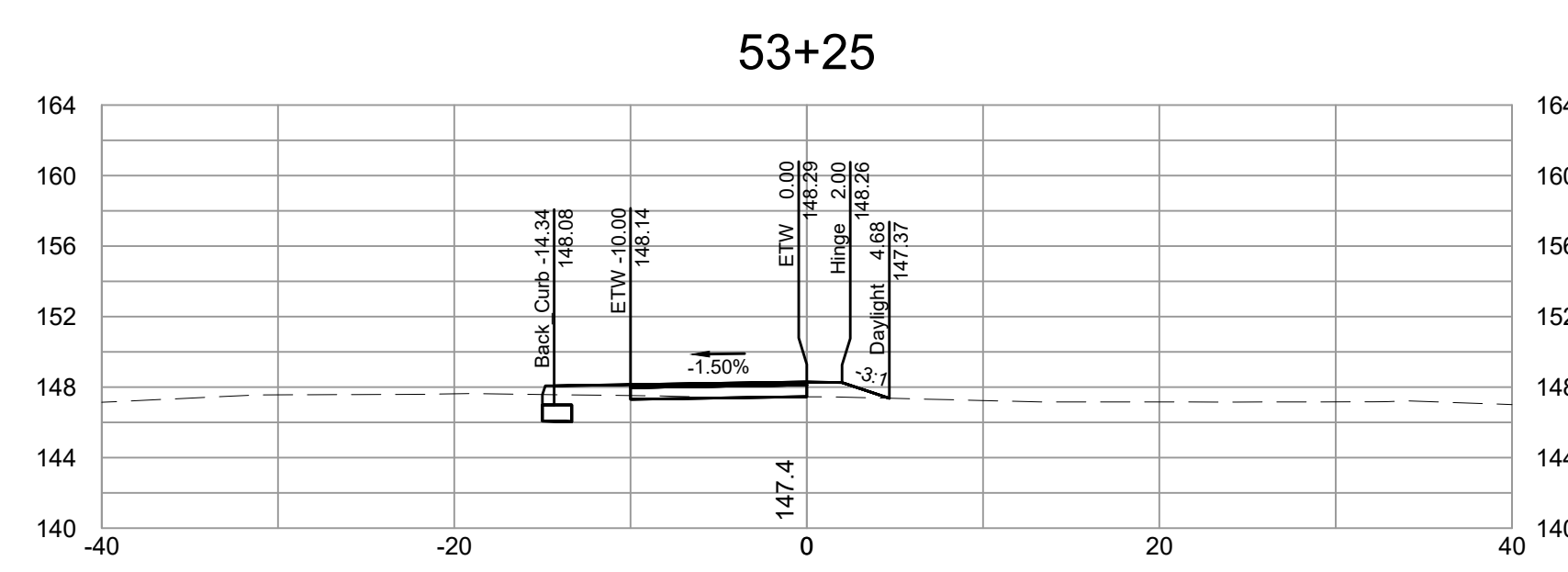
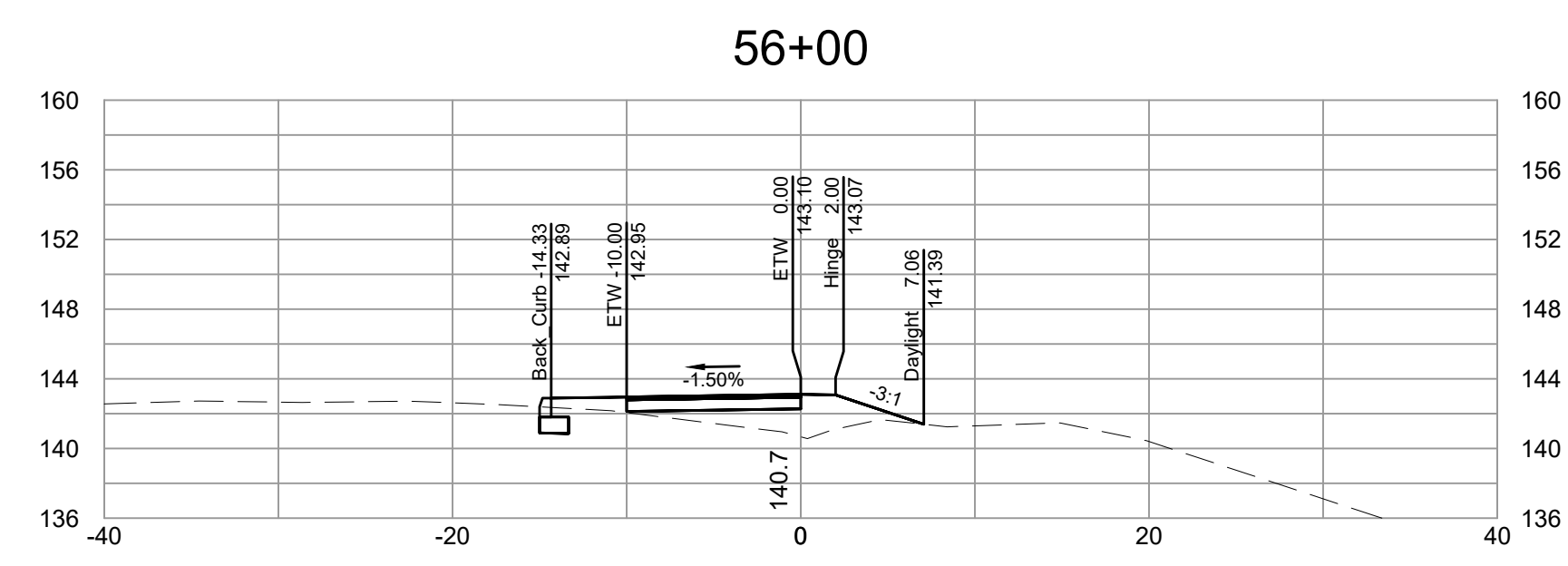
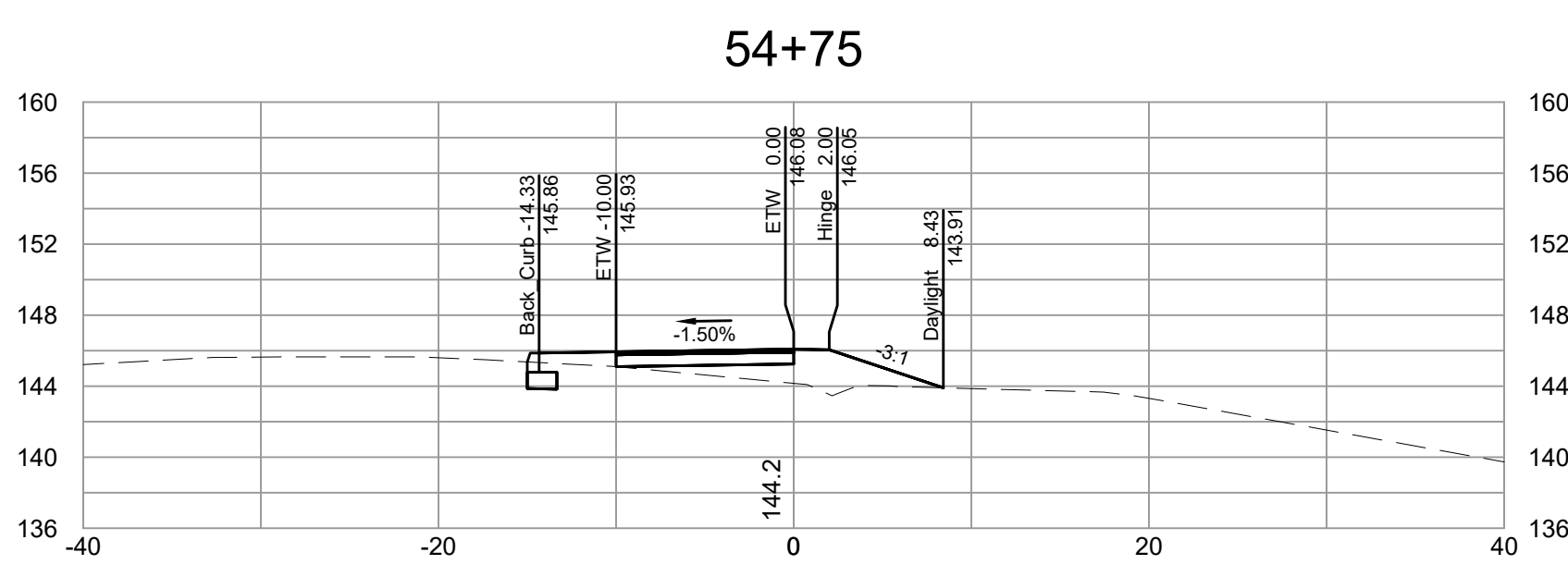
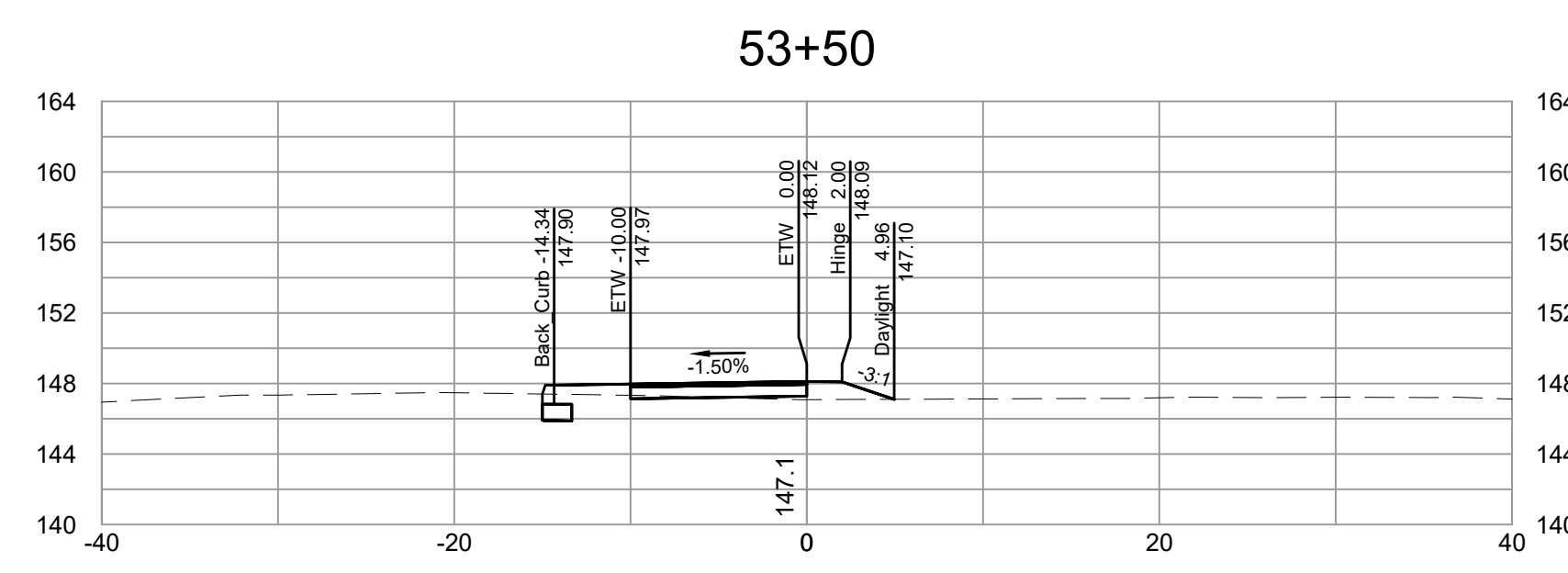
DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA



FALL LINE TRAIL - BRYAN PARK
CROSS SECTIONS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALAR: HORIZ. 1"=10'	DATE: 5/31/24	SHEET: XS11	DRAWING NO.: N-29103
DRAWN BY: K. JENKINS			VERT: N/A			

SURVEYED BY:
SUPERVISED BY:
DESIGNED BY:



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NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

LEGEND

REFERENCES	REVISIONS



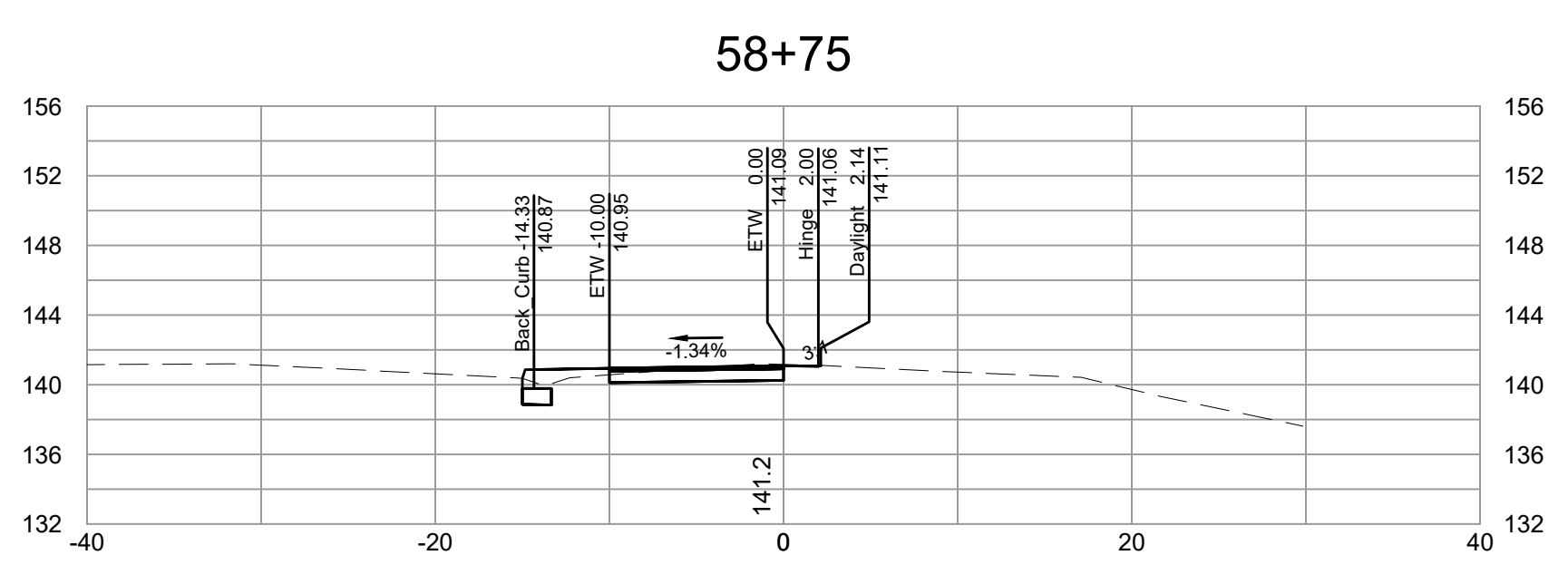
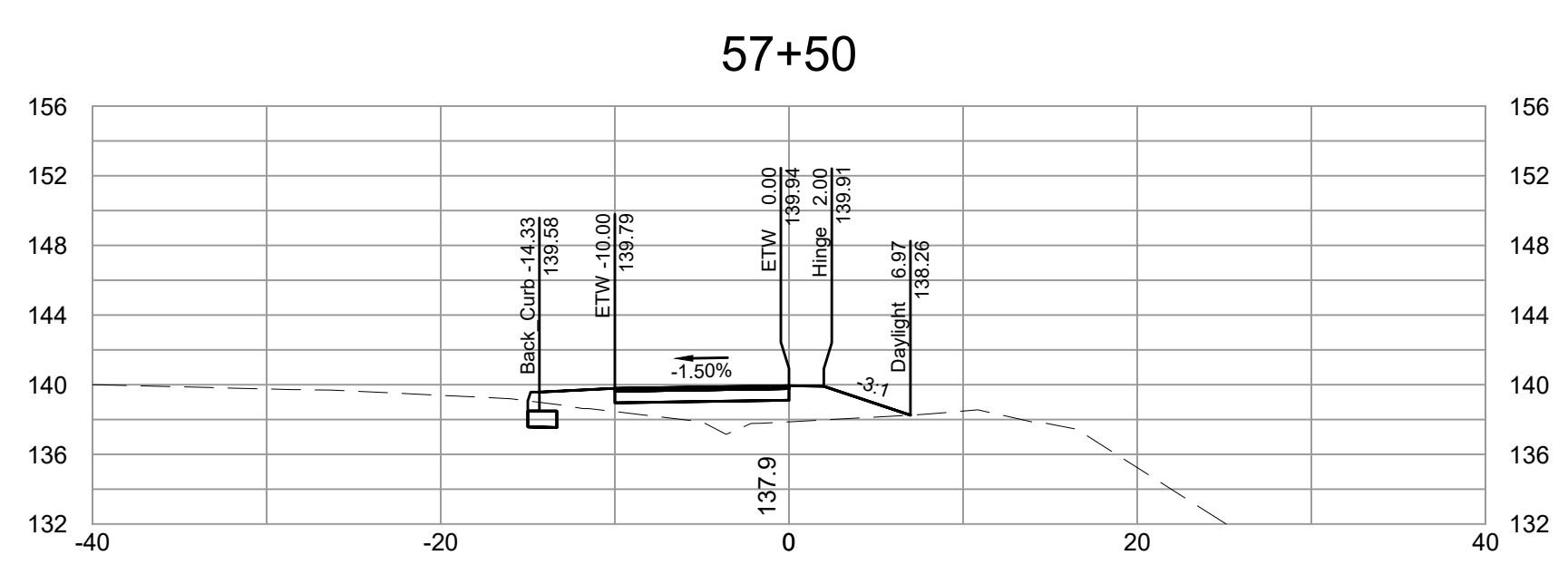
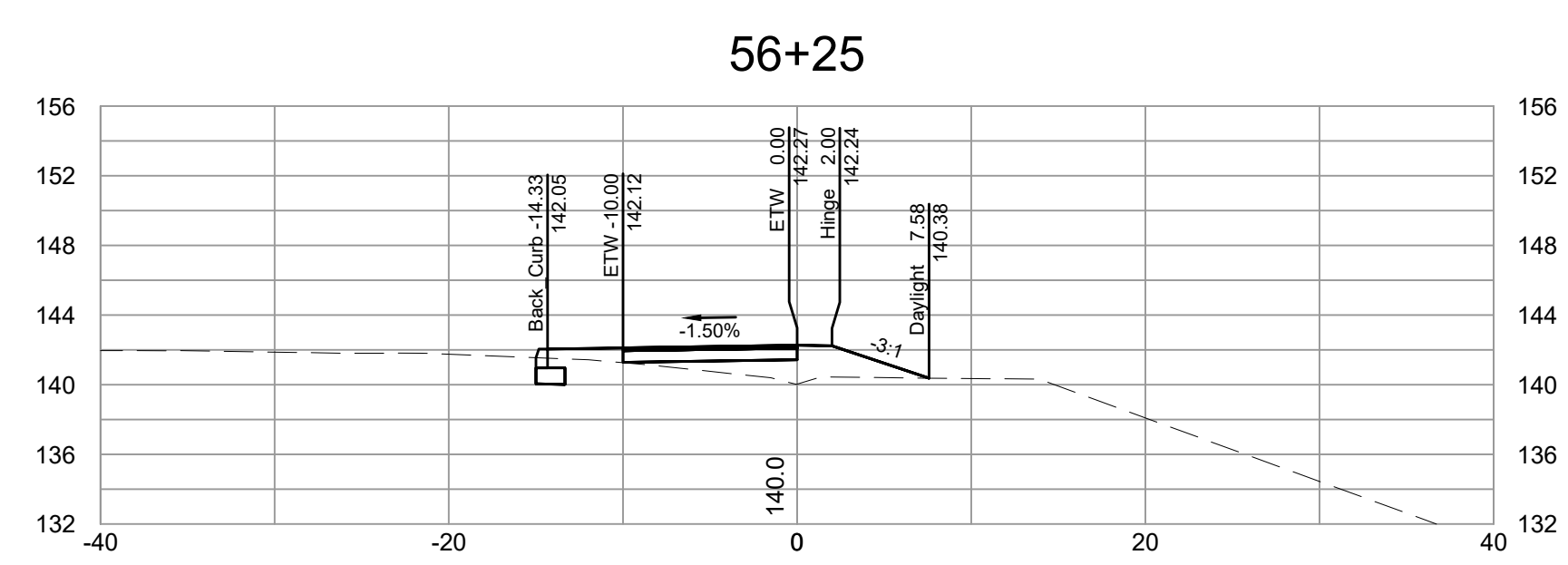
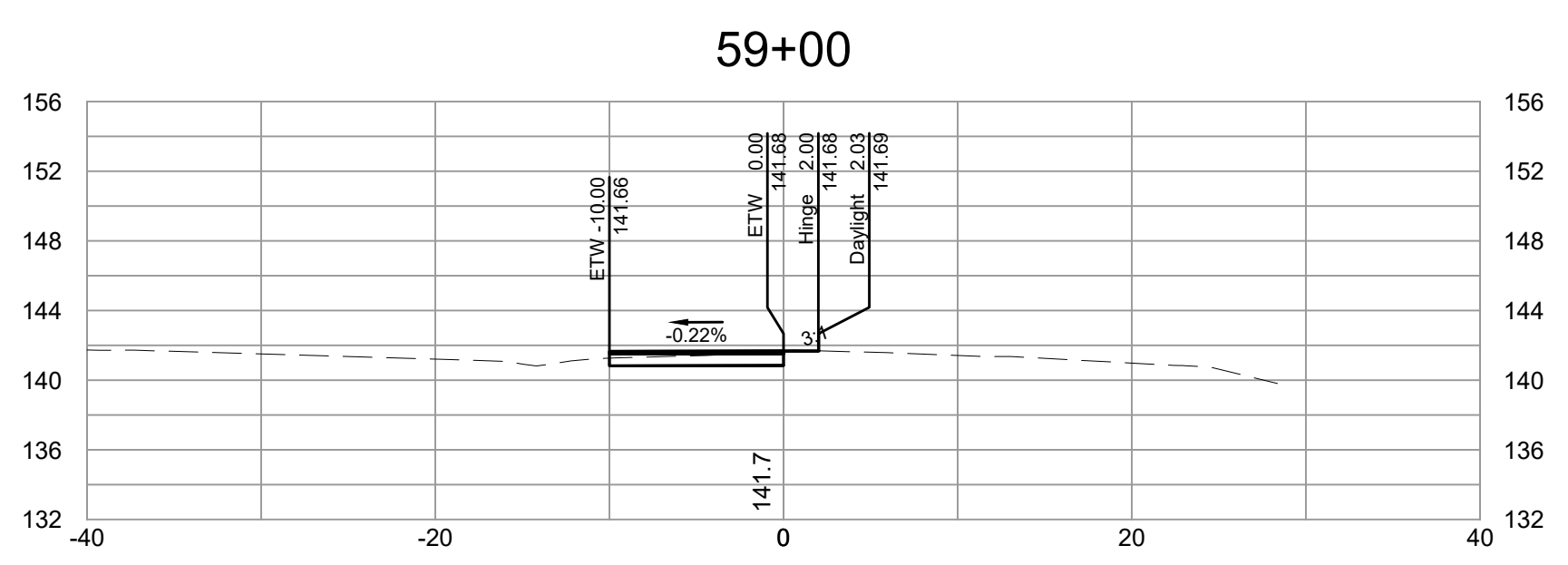
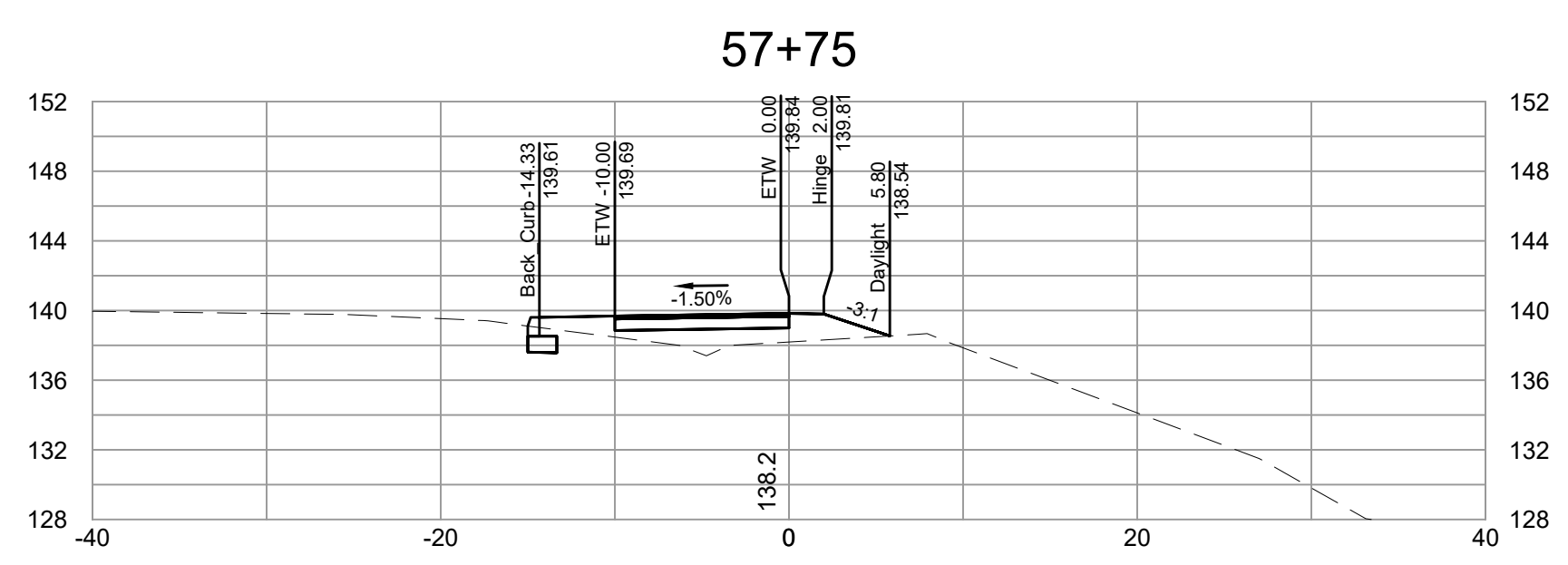
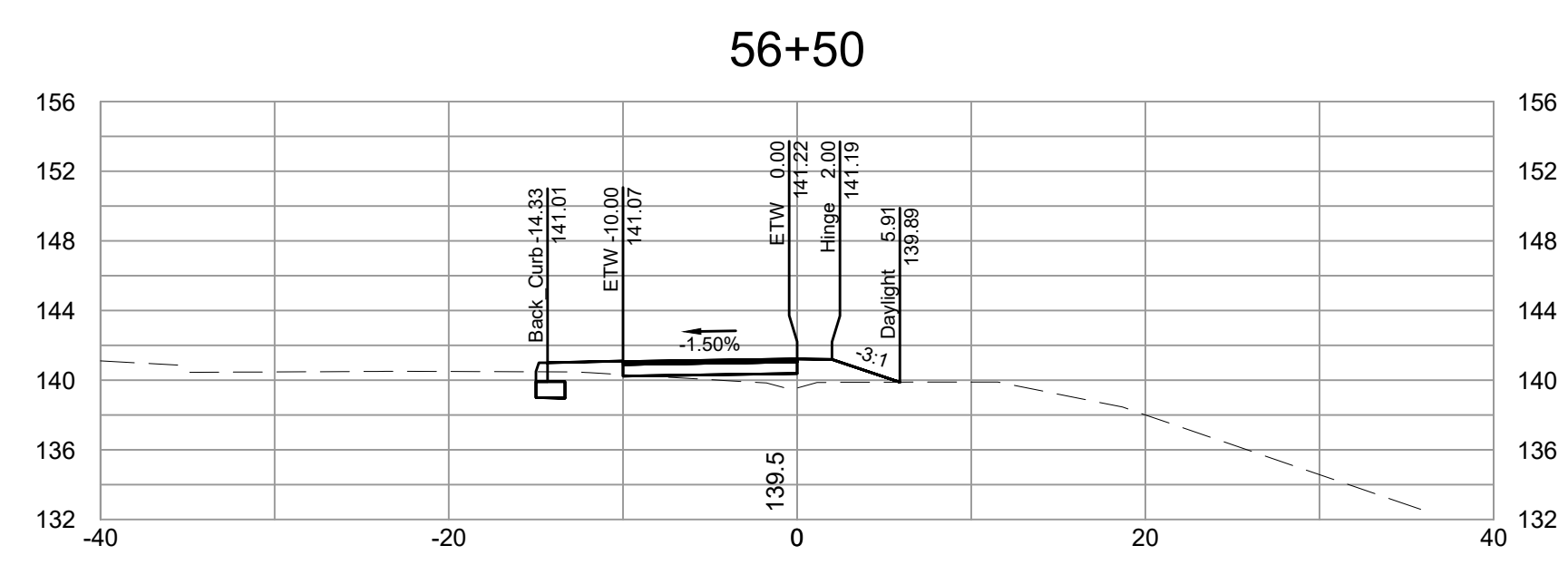
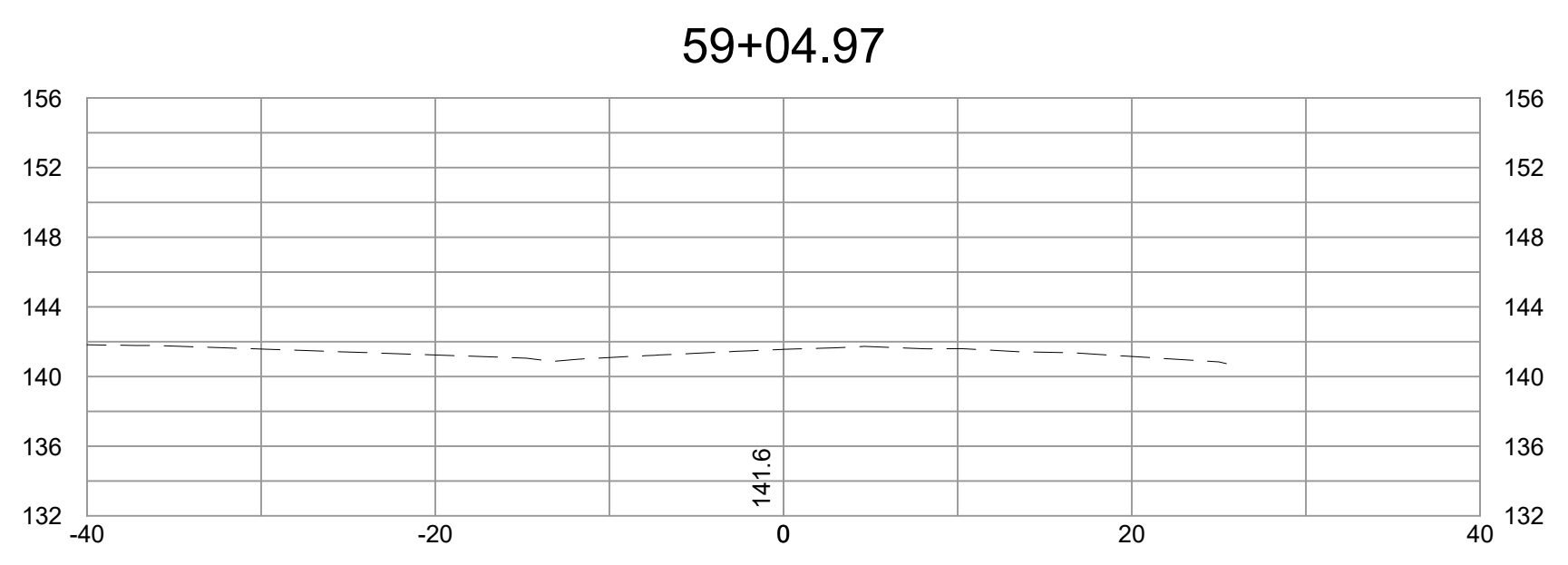
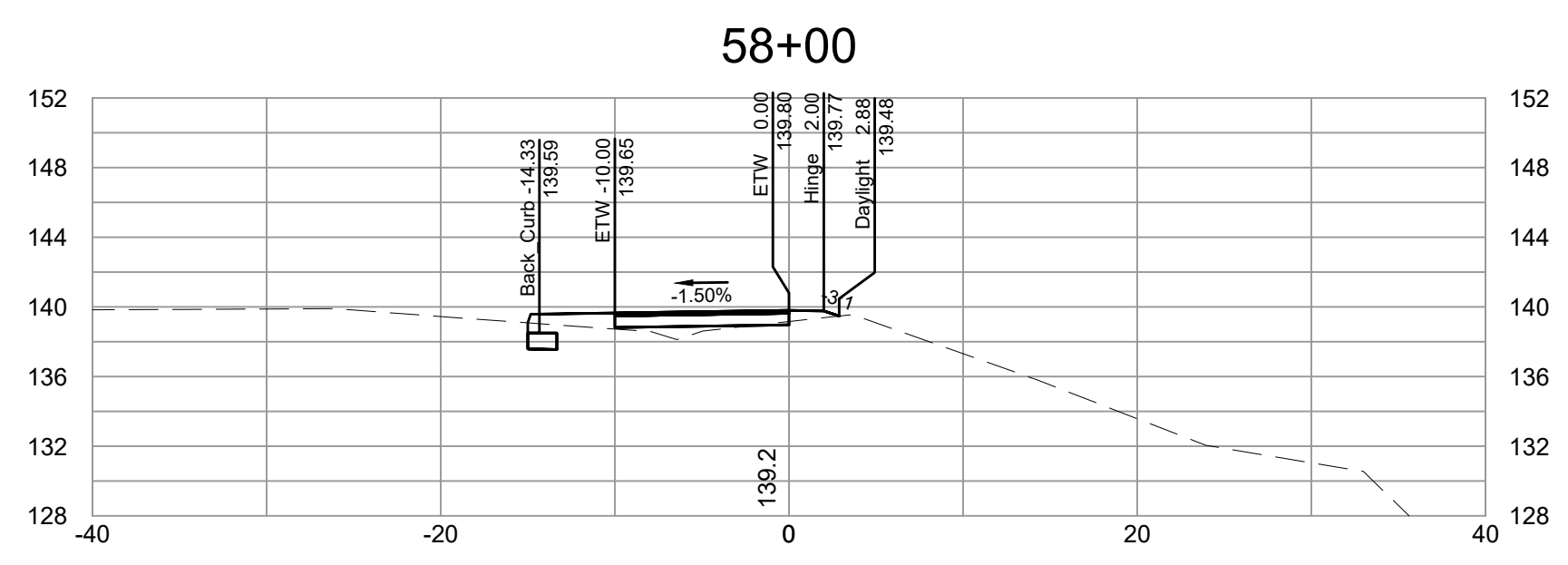
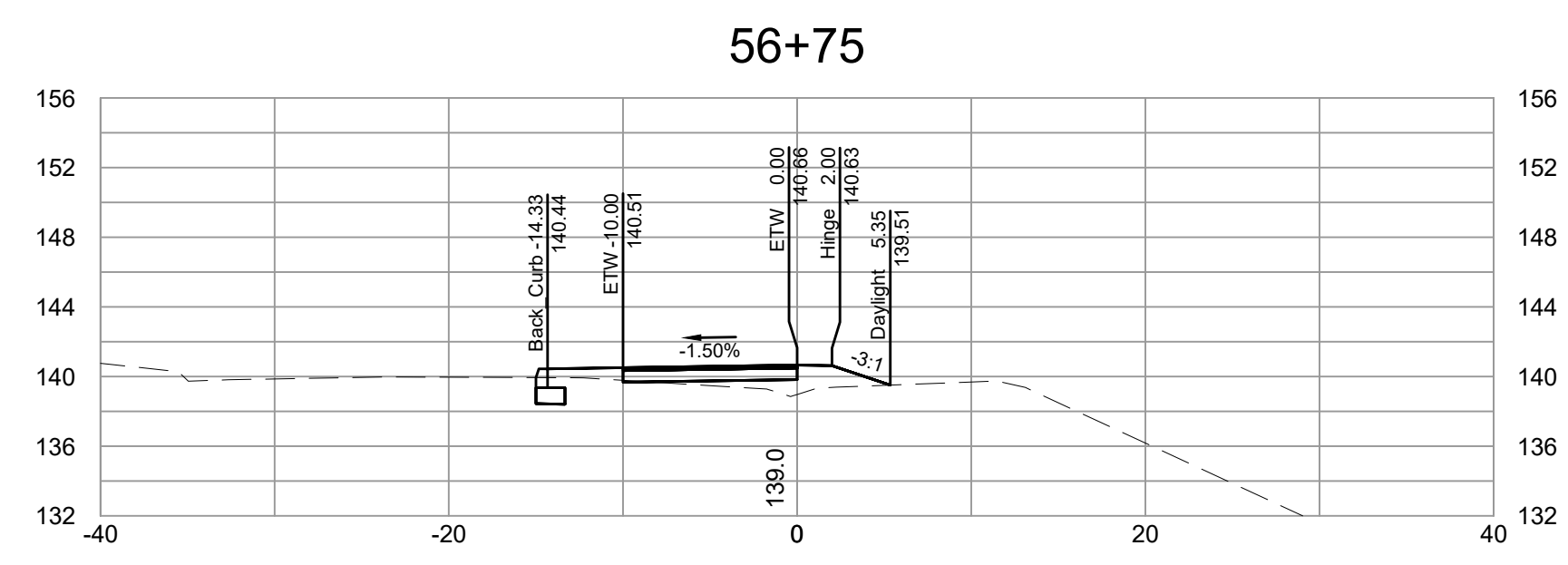
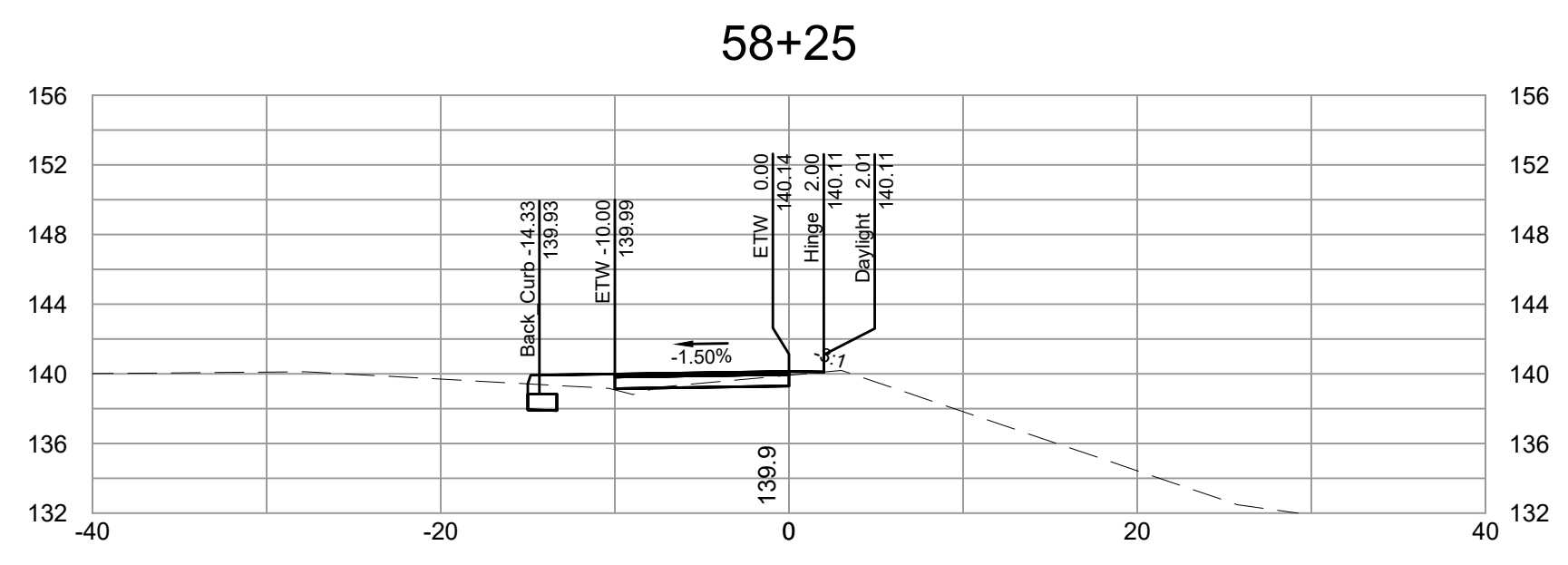
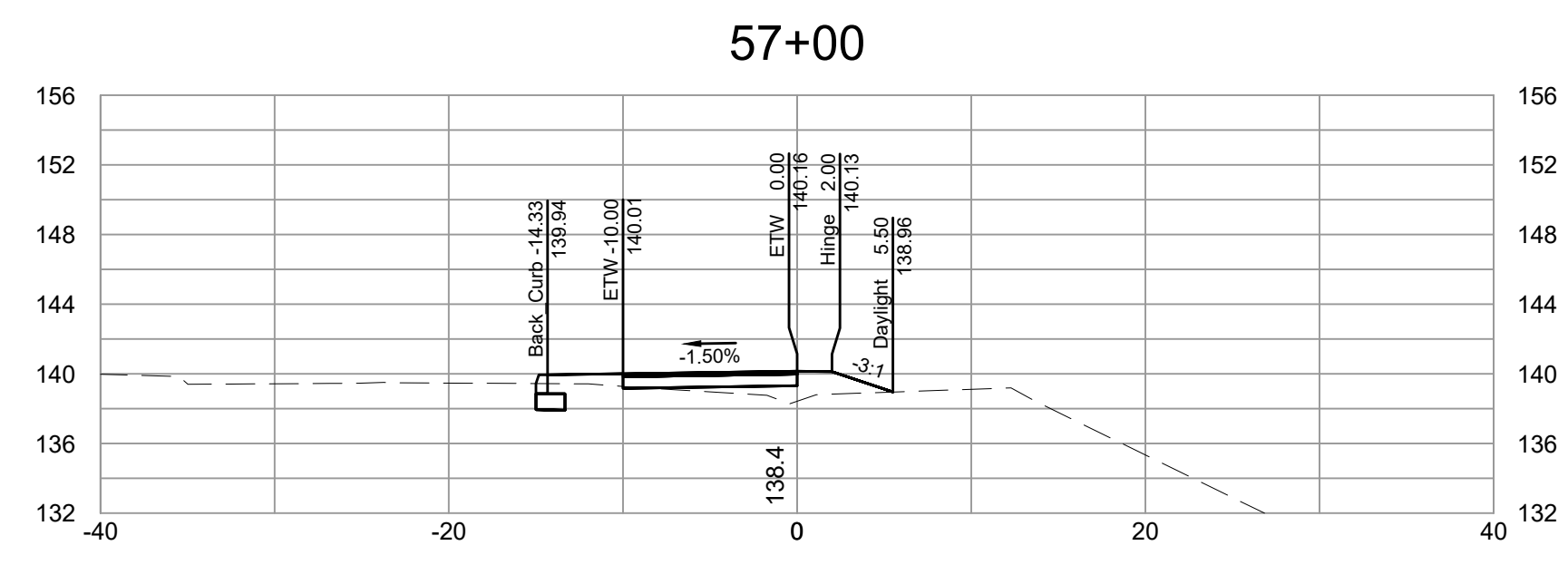
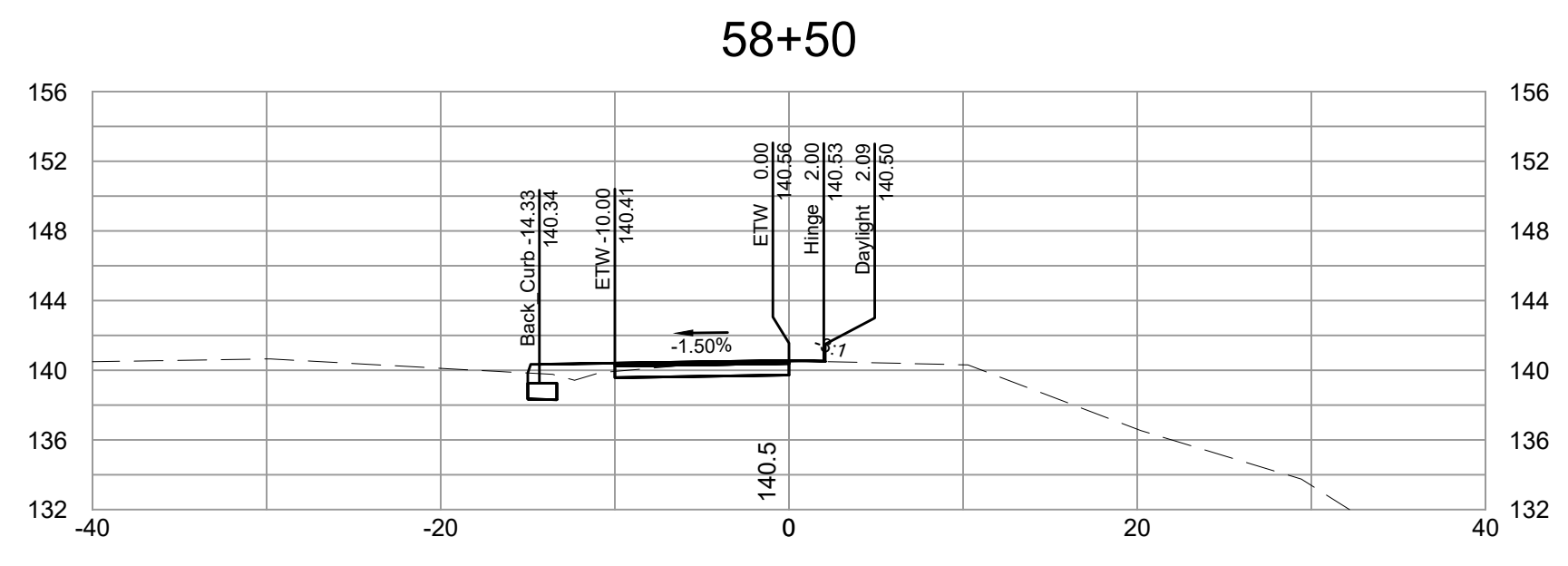
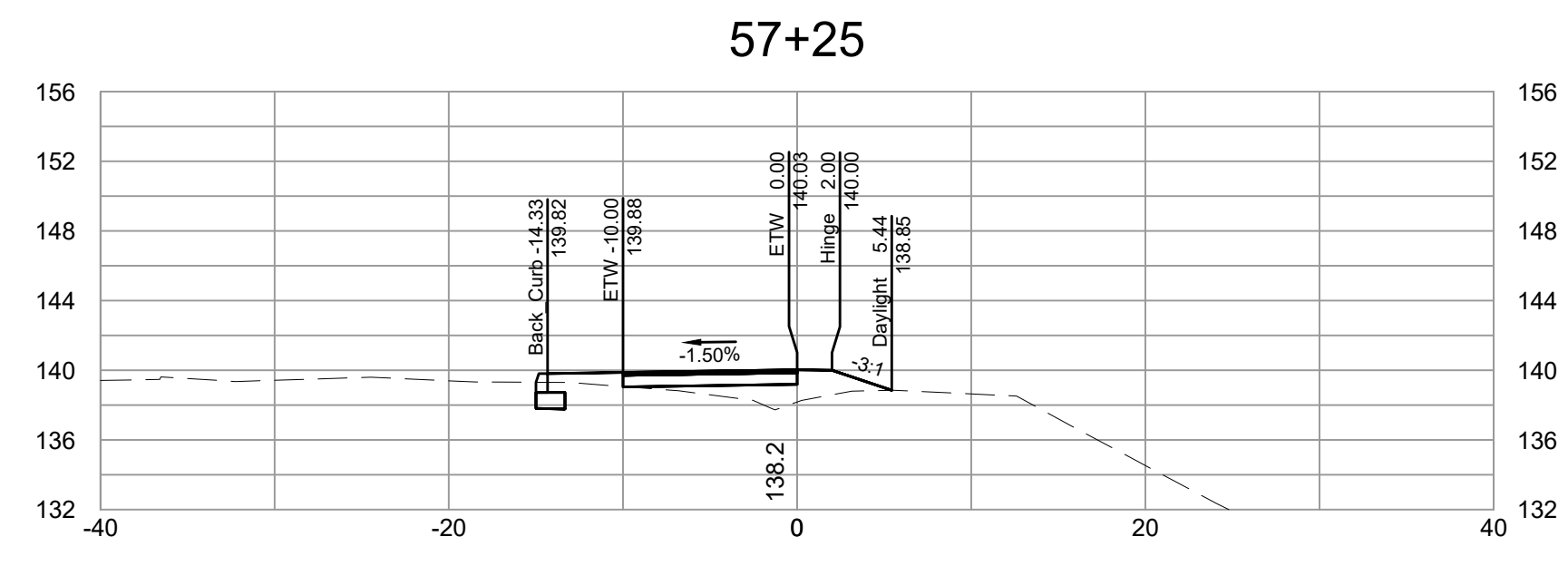
DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA



FALL LINE TRAIL - BRYAN PARK
CROSS SECTIONS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1"=10'	DATE: 5/31/24	SHEET: XS12	DRAWING NO.: N-29103
CHECKED BY: N. SOUCIE			VERT. N/A			

SURVEYED BY: TIMMONS GROUP
SUPERVISED BY: N. SOUCIE
DESIGNED BY: K. JENKINS



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NOTES

1. Lot dimensions in parentheses are from deed.
2. Property owners correct as of _____, 2024
3. Ordinance Number N/A
4. Adopted N/A
5. Accepted N/A

LEGEND



DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA



FALL LINE TRAIL - BRYAN PARK
CROSS SECTIONS

REFERENCES	REVISIONS

DESIGN BY: K. JENKINS	REVIEWED BY:	FIELD NOTES: FB-XX, pp XX-XX	SCALE: HORIZ. 1"=10'	DATE: 5/31/24	SHEET: XS13	DRAWING NO.: N-29103
DRAWN BY: K. JENKINS			VERT. N/A			
CHECKED BY: N. SOUCIE						