

PMIS NO.	NPS NO.	STATE	PROJECT	SHEET NUMBER
231432		VA	GWMP ES(6)	A.1

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SUBMITTAL DATE: SEPTEMBER 2019



30% CONCEPT PLANS

PLANS PREPARED FOR



PLANS PREPARED BY

Kimley»Horn

11400 COMMERCE PARK, SUITE 400
RESTON, VA 20191
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U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

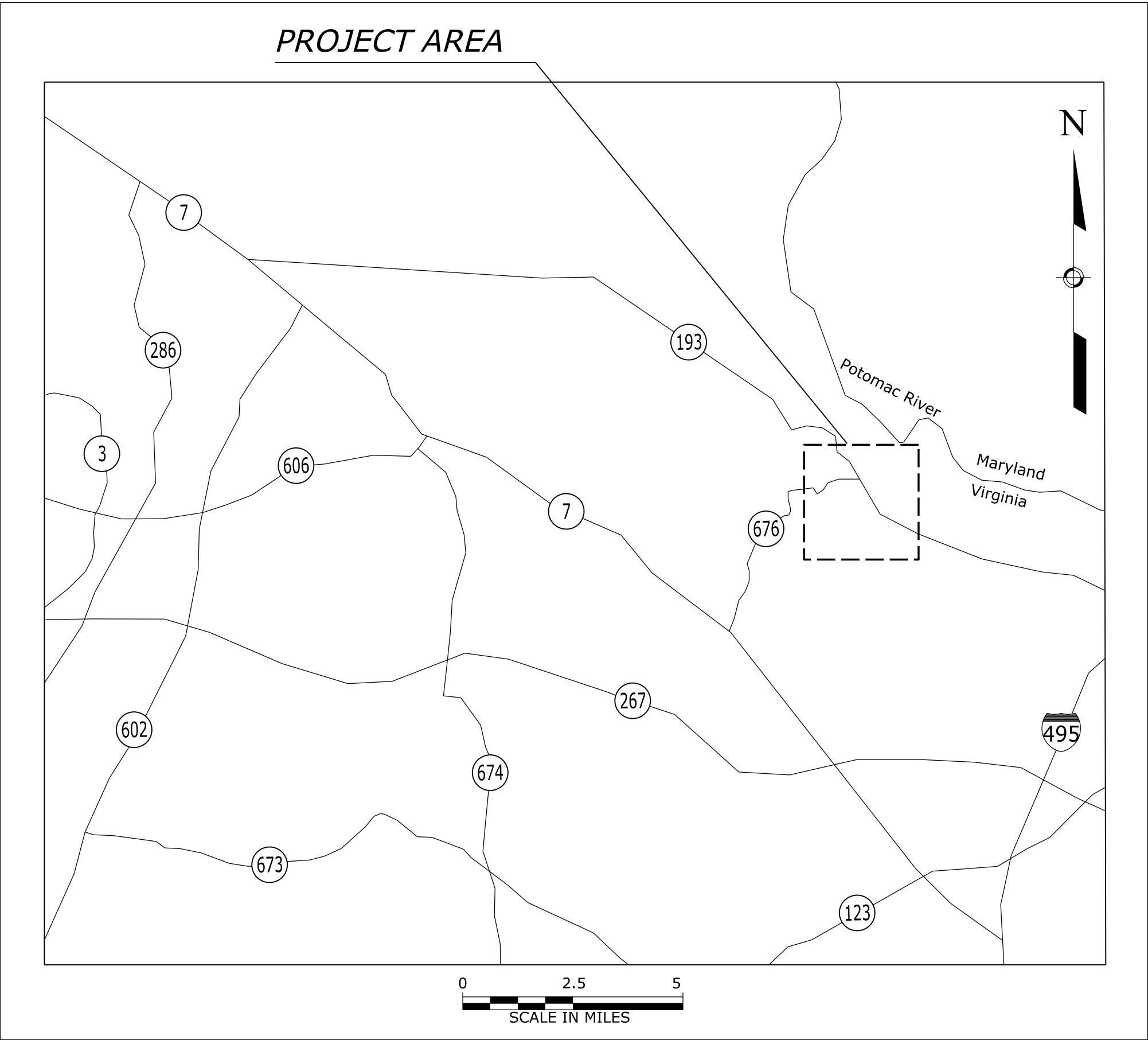
GREAT FALLS PARK

PLANS FOR PROPOSED

GEORGETOWN PIKE FOOTPATH

FEASIBILIY STUDY FOR A FOOTPATH BETWEEN
DIFFICULT RUN TRAIL WITHIN GREAT FALLS PARK TO
GEORGETOWN PIKE (VA 193) AT TOWLSTON ROAD (VA
676) AND EAST TO EASEMENT AT MADEIRA SCHOOL

FAIRFAX COUNTY, VIRGINIA



DESCRIPTION OF PROJECT

IMPROVEMENT: FEASIBILITY STUDY FOR A 6-FOOT WIDE FOOTPATH FROM DIFFICULT RUN TRAIL WITHIN GREAT FALLS PARK, OVER DIFFICULT RUN VIA A STEEL TRUSS BRIDGE, TO INTERSECTION OF GEORGETOWN PIKE (VA 193)/TOWLSTON ROAD (VA 676) AND EAST ALONG GEORGETOWN PIKE TO WEST END OF PUBLIC ACCESS (TRAIL) EASEMENT ALONG THE FRONTAGE OF MADEIRA SCHOOL.

TRAIL:	LENGTH	WIDTH	SURFACE	BASE
Alignment 1	4,150 LF	6'	Crushed stone/Paved	Crushed stone
Alignment 2	3,540 LF	6'	Crushed stone/Paved	Crushed stone
Alignment 3	4,750 LF	6'	Crushed stone/Paved	Crushed stone
Alignment 4	3,775 LF	6'	Crushed stone/Paved	Crushed stone

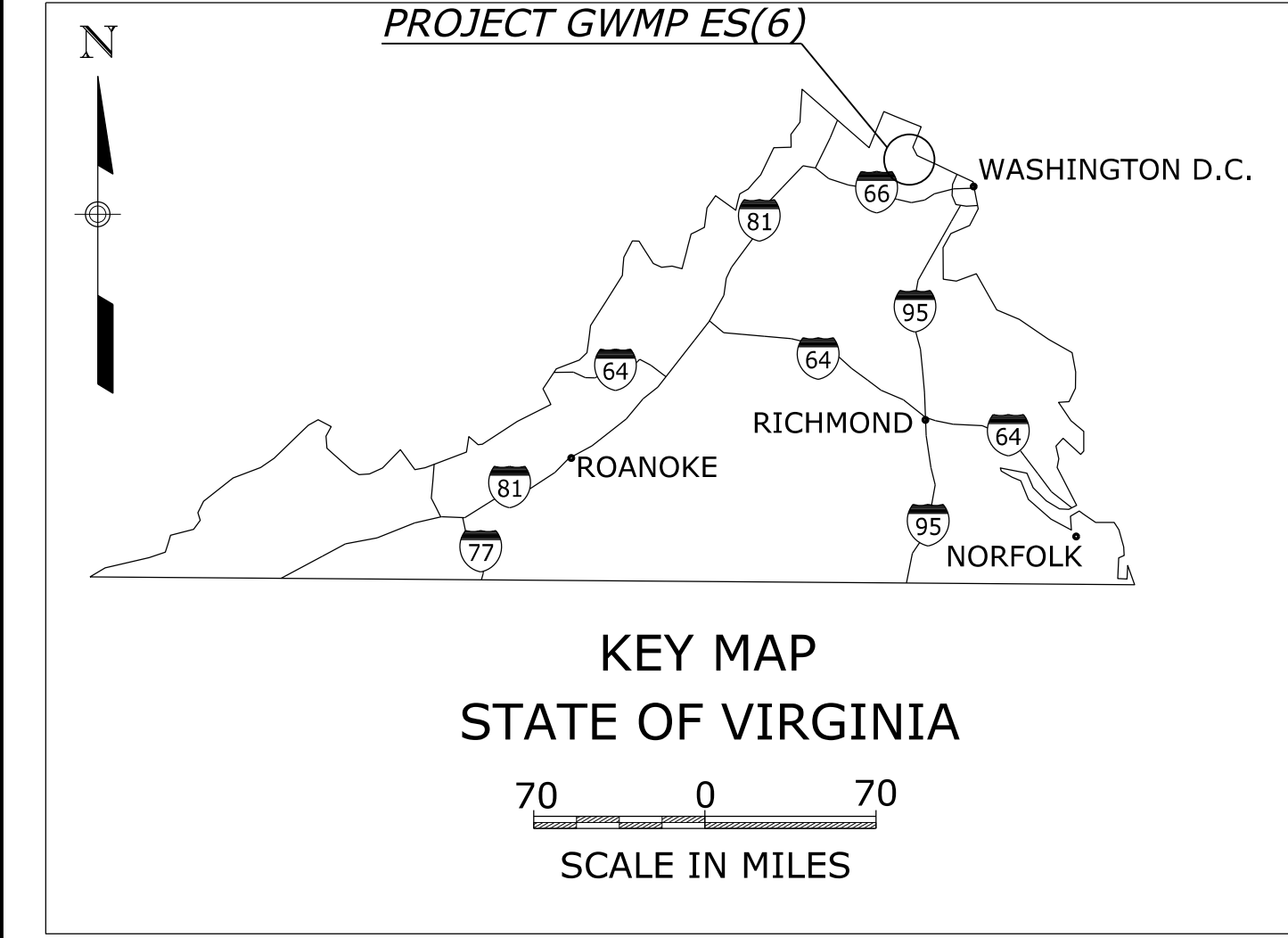
BRIDGE:	LENGTH	TYPE
Alignment 1	120'	Steel Truss
Alignment 2	120'	Steel Truss
Alignment 3	120'	Steel Truss
Alignment 4	120'	Steel Truss

SPECIFICATIONS:

Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-14.
Virginia Department of Transportation (VDOT)
Road and Bridge Specifications and Standards

NOTES:

Conceptual design was completed using GIS information only and is subject to change during final design with information from a topographic survey of the project area



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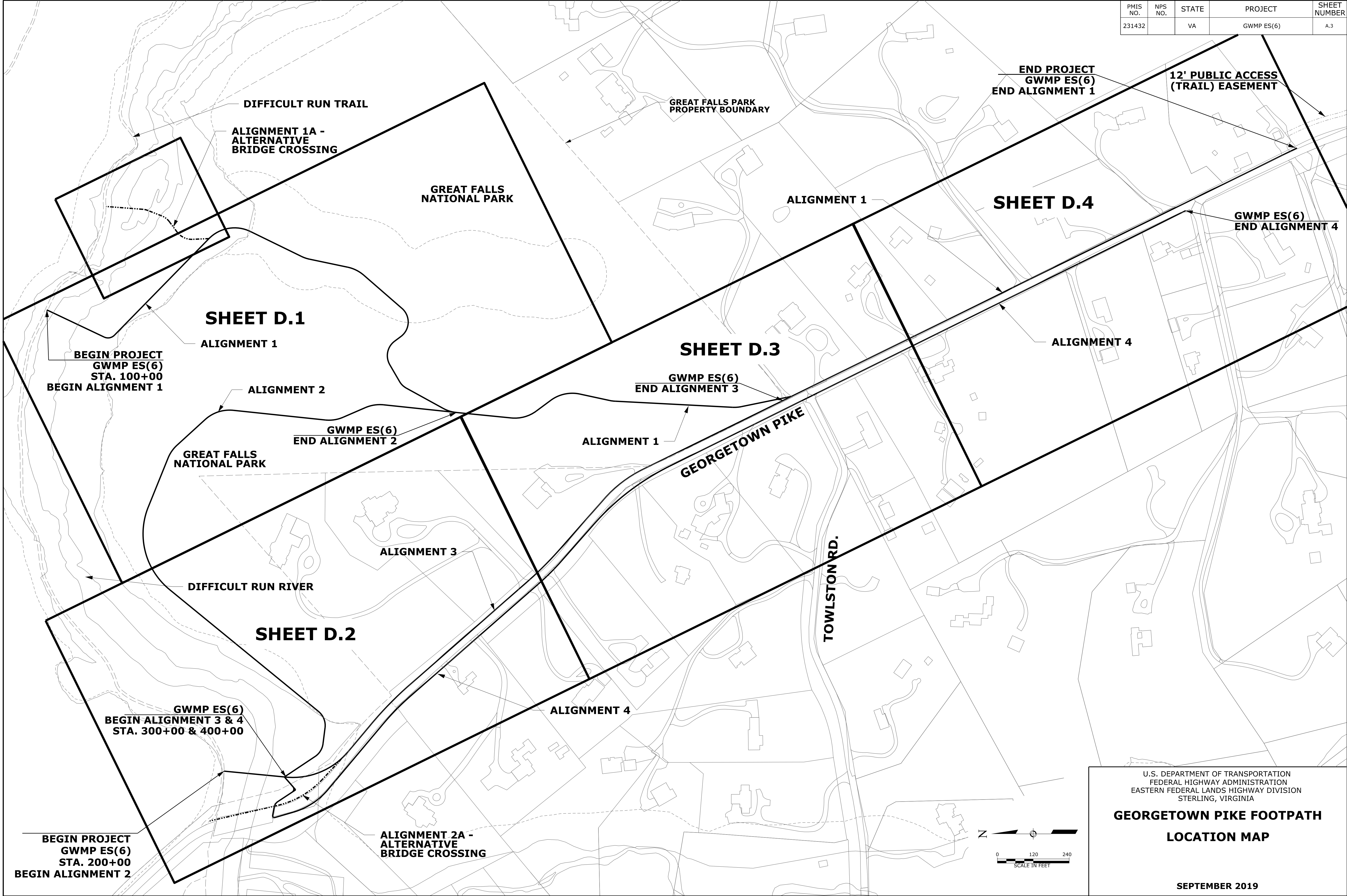
Project Manager	Lead Designer
Keith Aimone	Leif Van Acker

Abutment Aggregate Ahead Alternate Average daily traffic Back Backslope Anchor Terminal Balance point Bearing Beginning Bench mark Broken White Centerline Center to center Centers Clear Column Connection Construction joint Continuous Corrugated metal pipe Culvert Curve central angle (spiral curve transitions) Curve total angle (curve delta or deflection) Design hourly volume Design speed Diagonal Diameter Diaphragm Distance Double Solid Yellow Drawing(s) Drop Inlet East Edge of pavement Elevation Elevation with number Embankment End section Equation Equivalent Single Axle Load Excavation Expansion joint Flared Anchor Terminal Footing Galvanized Gage(gauge) Gyratory Mix, Asphalt Concrete Pavement Headwall Hexagon High water Inside diameter Joint Lamination Latitude Left Length of curve(simple curve) Length of curve (spiral curve transition) Length of spiral Longitudinal(longitude) Low water	Abut. aggr. AH alt. ADT BK BAT BP brg. beg. BM BW CL cc, c-c or c. to c. ctrs. clr. col. conn. Constr. jt. cont. CMP culv. △c △ DHV V diag. D, dia., or diaph. dist. DSY dwg(s), or drwg(s) DI E EP or EOP elev. El. 94.161 [El. 94.16] emb. ES EQ or eq. ESAL exc. exp. jt. FAT ftg. galv. ga. GACP hdwl. hex. HW ID jt. lam. lat. lt., Lt. or LT L Lc Ls long. LW	Mainline Material Maximum Mile[Kilometer] post Minimum Monument Mechanically stabilized embankment Nominal Max. Size Aggregate Normal crown North Original ground Out to out Outside diameter On centers Pavement Plate Point of compound curve Point of curve Point of curve to spiral Point of intersection Point of spiral to curve Point of spiral to reverse spiral Point of spiral to tangent Point of tangent Point of tangent to spiral Point on curve Point on spiral Point on tangent Radius Reinforcement (reinforced) Required Right Right-of-way Riparian Area Roadway Route Section Solid White South Spacing, spaces or spaced Spiral central angle Standard Station Steel Backed Timber Stiffener Stringer Structure Superelevation rate Symmetrical Tangent distance (tangent length) Tangent distance (spiral curve transition) Temporary benchmark Temporary construction easement Thread Township Typical Vehicle per hour Vertical point of intersection West	M.L. matl. max. M.P[K.P.] min. mon. or MON MSE NMSA NC or NCR N OG o. to o. OD o. c. pvmt. pl. PCC PC PCS or CS PI PSC or SC SRS PST or ST PT PS or TS POC POS POT R reinf. reqd. Rt., rt.or RT R/W RPA Rdwy. Rte. Sec. SW S spa. s std. Sta. SBT stiff. stgr. struc. e sym. T Ts TBM TCE thd. T. typ. vph VPI W
TOWNSHIP or RANGE LINE SECTION LINE 1/4 SECTION LINE 1/16 SECTION LINE NATIONAL PARK or FOREST BOUNDARY PROPERTY LINE TRAVERSE POINT (Horizontal & Vertical) Top of Triangle Points North TRAVERSE POINT (Horizontal) BRASS CAP STEEL PIN HUB & TACK SPOT ELEVATION COORDINATE GRID TICK			

RIGHT-OF-WAY LINE	EXISTING PROPOSED
RIGHT-OF-WAY LINE with MONUMENT	
SECTION CORNER	
1/4 SECTION CORNER	
1/16 SECTION	
PROPERTY CORNER	
PARCEL NUMBER	
EASEMENT (Permanent - Construction)	
ROUTE NUMBERS	
SLOPE STAKE	TOP OF CUT TOE OF FILL TRANSITION
ROADWAY, EXISTING	EOP EOG
RAILROAD	SINGLE TRACK MULTIPLE TRACK
INTERMITTENT DRAINAGE/ SMALL CREEK	
SPRING	
LARGE CREEK/RIVER	
LAKE, POND or RESERVOIR; MARSHLAND	
PAVEMENT REMOVAL/ROADWAY OBLITERATION	
FULL DEPTH PAVEMENT	
SIDEWALK ASPHALT/CONCRETE	
MILL AND OVERLAY	
OVERLAY	
SILT FENCE	
DIVERSION BERM	
DIVERSION CHANNEL	
CHECK DAM	
RIPRAP/CULVERT RIPRAP	
BORING LOCATION	
TEST PIT	
NORTH ARROW	
MATERIAL SOURCE	

PMIS NO.	NPS NO.	STATE	PROJECT	SHEET NUMBER
231432		VA	GWMP ES(6)	A.2
FENCE				
GATE with FENCE				
CATTLEGUARD				
GUARDRAIL				
MEDIAN & SIDE (CONCRETE) BARRIER				
SIGNS	POST MOUNTED			
	PORTABLE			
RETAINING WALL				
OVERHEAD(POWER POLE) UTILITIES				
P=Electrical for transmission line E=Electrical for distribution line T=Telephone, E&T=Joint Electrical and Telephone FO=Fibre optics				
SUPPORT POLE with ANCHOR				
TELEPHONE BOOTH or PEDESTAL				
STREET LIGHT				
UNDERGROUND UTILITIES				
G=gas, O=oil, P=power, SS=sanitary sewer, SD=storm drain, T=telephone, W=water E=electrical, FO=fiber optics				
BRIDGE				
PIPE CULVERT (arrow shows flow)				
PIPE CULVERT with END SECTION				
PIPE CULVERT with HEADWALL				
CULVERT with DROP INLET				
BOX CULVERT				
UNDERDRAIN				
BUILDING				
TREELINE; TREE				
PROJECT SPECIFIC SYMBOLS AND ABBREVIATIONS:-				
-----	LIMITS OF CONSTRUCTION			
- - - - -	RETAINING WALL			
■	FOOTPATH SURFACE			
■	ESTIMATED LIMITS OF BRIDGE SURFACE			
-----	RESOURCE PROTECTION AREA			
=====	FLOODPLAIN			
=====	GUARDRAIL			
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION EASTERN FEDERAL LANDS HIGHWAY DIVISION STERLING, VIRGINIA				
GEORGETOWN PIKE FOOTPATH				
SYMBOLS AND ABBREVIATIONS				
SEPTEMBER 2019				

PMIS NO.	NPS NO.	STATE	PROJECT	SHEET NUMBER
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U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION
STERLING, VIRGINIA

**GEORGETOWN PIKE FOOTPATH
LOCATION MAP**

SEPTEMBER 2019

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PMIS NO.	NPS NO.	STATE	PROJECT	SHEET NUMBER
231432		VA	GWMP ES(6)	A-4

NOTE:

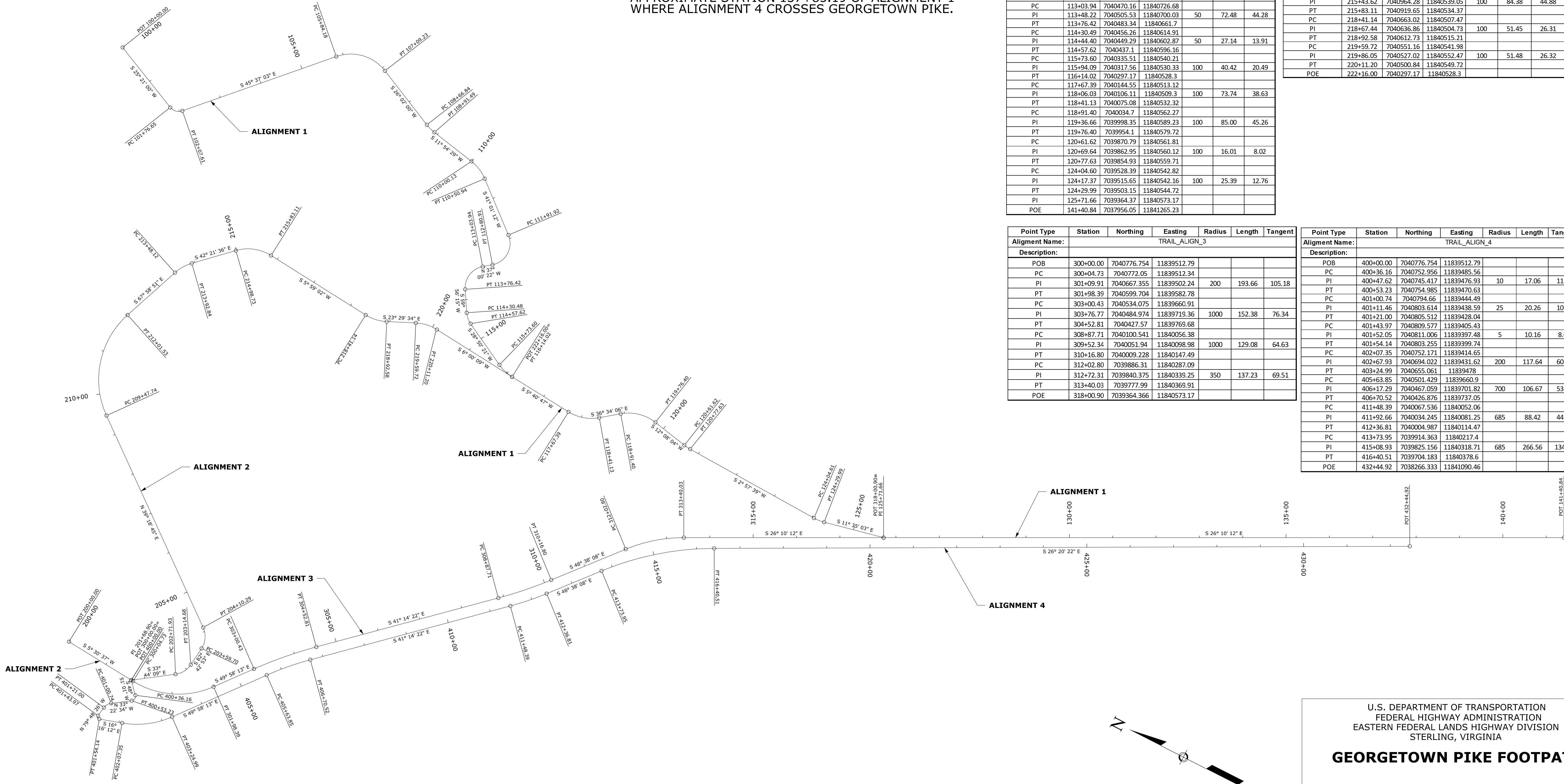
- ALIGNMENT 2 INCLUDES THE BRIDGE CROSSING NEAR GEORGETOWN PIKE. ALIGNMENTS 3 AND 4 BOTH BEGIN AT THE SOUTH SIDE OF THE BRIDGE AT STATION 201+68.90 OF ALIGNMENT 2.
- THE END OF ALIGNMENT 2 IS LOCATED AT APPROXIMATE STATION 116+14.02 OF ALIGNMENT 1.
- THE END OF ALIGNMENT 3 IS LOCATED AT APPROXIMATE STATION 125+71.66 OF ALIGNMENT 1.
- THE END OF ALIGNMENT 4 IS LOCATED AT APPROXIMATE STATION 137+85.19 OF ALIGNMENT 1 WHERE ALIGNMENT 4 CROSSES GEORGETOWN PIKE.

Point Type	Station	Northing	Easting	Radius	Length	Tangent
Alignment Name:	TRAIL_ALIGN_1					
Description:						
POB	100+00.00	7041438.55	11840814.19			
PC	101+76.65	7041278.91	11840738.56			
PI	101+94.47	7041262.8	11840730.93	25	30.97	17.82
PT	102+07.61	7041250.34	11840743.66			
PC	105+84.18	7040986.95	11841012.79			
PI	106+56.37	7040936.46	11841064.38	100	125.05	72.19
PT	107+09.23	7040871.59	11841032.7			
PC	108+66.84	7040729.98	11840963.53			
PI	108+79.23	7040718.85	11840958.09	100	24.65	12.39
PT	108+91.49	7040706.73	11840955.54			
PC	110+00.13	7040600.42	11840933.12			
PI	110+26.10	7040575.01	11840927.76	100	50.81	25.97
PT	110+50.94	7040555.42	11840910.72			
PC	1119+1.92	7040449.06	11840818.19			
PI	1125+3.64	7040402.49	11840777.68	50	88.99	61.72
PT	112+80.91	7040451.78	11840740.54			
PC	113+03.94	7040470.16	11840726.68			
PI	113+48.22	7040505.53	11840700.03	50	72.48	44.28
PT	113+76.42	7040483.34	11840661.7			
PC	114+30.49	7040456.26	11840614.91			
PI	114+44.40	7040449.29	11840602.87	50	27.14	13.91
PT	114+57.62	7040437.1	11840596.16			
PC	115+73.60	7040335.51	11840540.21			
PI	115+94.09	7040317.56	11840530.33	100	40.42	20.49
PT	116+14.02	7040297.17	11840528.3			
PC	117+67.39	7040144.55	11840513.12			
PI	118+06.03	7040106.11	11840509.3	100	73.74	38.63
PT	118+41.13	7040075.08	11840532.32			
PC	118+91.40	7040034.7	11840562.27			
PI	119+36.66	7039998.35	11840589.23	100	85.00	45.26
PT	119+76.40	7039954.1	11840579.72			
PC	120+61.62	7039870.79	11840561.81			
PI	120+69.64	7039862.95	11840560.12	100	16.01	8.02
PT	120+77.63	7039854.93	11840559.71			
PC	124+04.60	7039528.39	11840542.82			
PI	124+17.37	7039515.65	11840542.16	100	25.39	12.76
PT	124+29.99	7039503.15	11840544.72			
PI	125+71.66	7039364.37	11840573.17			
POE	141+40.84	7037956.05	11841265.23			

Point Type	Station	Northing	Easting	Radius	Length	Tangent
Alignment Name:	TRAIL_ALIGN_2					
Description:						
POB	200+00.00	7040944.88	11839529.01			
PI	201+68.90	7040776.75	11839512.79			
PC	202+71.93	7040691.07	11839570.01			
PI	202+94.71	7040672.13	11839582.66	50	42.74	22.78
PT	203+14.68	7040669.25	11839605.25			
PC	203+59.70	7040663.54	11839649.91			
PI	203+87.40	7040660.02	11839677.38	50	50.59	27.70
PT	204+10.29	7040681.46	11839694.93			
PC	200+47.74	7041097.28	11840035.43			
PI	210+94.94	7041211.17	11840128.69	200	253.79	147.20
PT	212+01.53	7041155.98	11840265.16			
PC	213+48.12	7041101.03	11840401.05			
PI	213+70.86	7041092.5	11840422.13	100	44.72	22.74
PT	213+92.84	7041075.7	11840437.46			
PC	214+98.73	7040997.45	11840508.81			
PI	215+43.62	7040964.28	11840539.05	100	84.38	44.88
PT	215+83.11	7040919.65	11840534.37			
PC	218+41.14	7040663.02	11840507.47			
PI	218+67.44	7040636.86	11840504.73	100	51.45	26.31
PT	218+92.58	7040612.73	11840515.21			
PC	219+59.72	7040551.16	11840541.98			
PI	219+86.05	7040527.02	11840552.47	100	51.48	26.32
PT	220+11.20	7040500.84	11840549.72			
POE	222+16.00	7040297.17	11840528.3			

Point Type	Station	Northing	Easting	Radius	Length	Tangent
Alignment Name:	TRAIL_ALIGN_3					
Description:						
POB	300+00.00	7040776.754	11839512.79			
PC	300+04.73	7040772.05	11839512.34			
PI	301+09.91	7040667.355	11839502.24	200	193.66	105.18
PT	301+98.39	7040599.704	11839582.78			
PC	303+00.43	7040534.075	11839660.91			
PI	303+76.77	7040484.974	11839719.36	1000	152.38	76.34
PT	304+52.81	7040427.57	11839769.68			
PC	308+87.71	7040100.541	11840056.38			
PI	309+52.34	7040051.94	11840098.98	1000	129.08	64.63
PT	310+16.80	7040009.228	11840147.49			
PC	312+02.80	7039886.31	11840287.09			
PI	312+72.31	7039840.375	11840339.25	350	137.23	69.51
PT	313+40.03	7039777.99	11840369.91			
POE	318+00.90	7039364.366	11840573.17			

Point Type	Station	Northing	Easting	Radius	Length	Tangent
Alignment Name:	TRAIL_ALIGN_4					
Description:						
POB	400+00.00	7040776.754	11839512.79			
PC	400+36.16	7040752.956	11839485.56			
PI	400+47.62	7040745.417	11839476.93	10	17.06	11.46
PT	400+53.23	7040754.985	11839470.63			
PC	401+00.74	7040794.66	11839444.49			
PI	401+11.46	7040803.614	11839438.59	25	20.26	10.72
PT	401+21.00	7040805.512	11839428.04			
PC	401+43.97	7040809.577	11839405.43			
PI	401+52.05	7040811.006	11839397.48	5	10.16	8.07
PT	401+54.14	7040803.255	11839399.74			
PC	402+07.35	7040732.171	11839414.65			
PI	402+67.93	7040694.022	11839431.62	200	117.64	60.57
PT	403+24.99	7040655.061	11839478			
PC	405+63.85	7040501.429	11839660.9			
PI	406+17.29	7040467.059	11839701.82	700	106.67	53.44
PT	406+70.52	7040426.876	11839737.05			
PC	411+48.39	7040067.536	11840052.06			
PI	411+92.66	7040034.245	11840081.25	685	88.42	44.27
PT	412+36.81	7040004.987	11840114.47			
PC	413+73.95	7039914.363	11840217.4			
PI	415+08.93	7039825.156	11840318.71	685	266.56	134.99
PT	416+40.51	7039704.183	11840378.6			
POE	432+44.92	7038266.333	11841090.46			



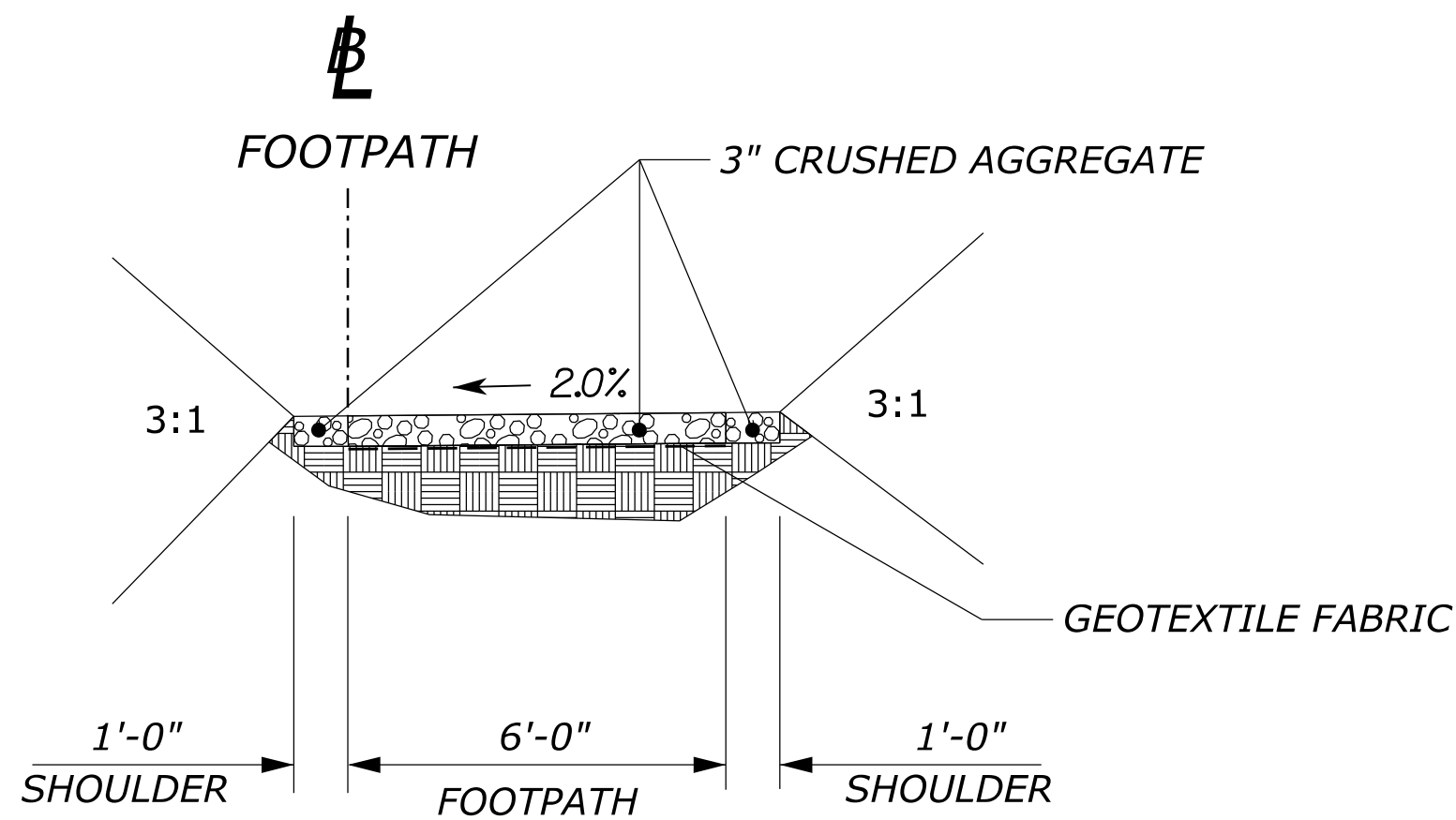
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN REGIONAL LANDS HIGHWAY DIVISION
STERLING, VIRGINIA

GEORGETOWN PIKE FOOTPATH

HORIZONTAL
ALIGNMENT DATA

SEPTEMBER 2019

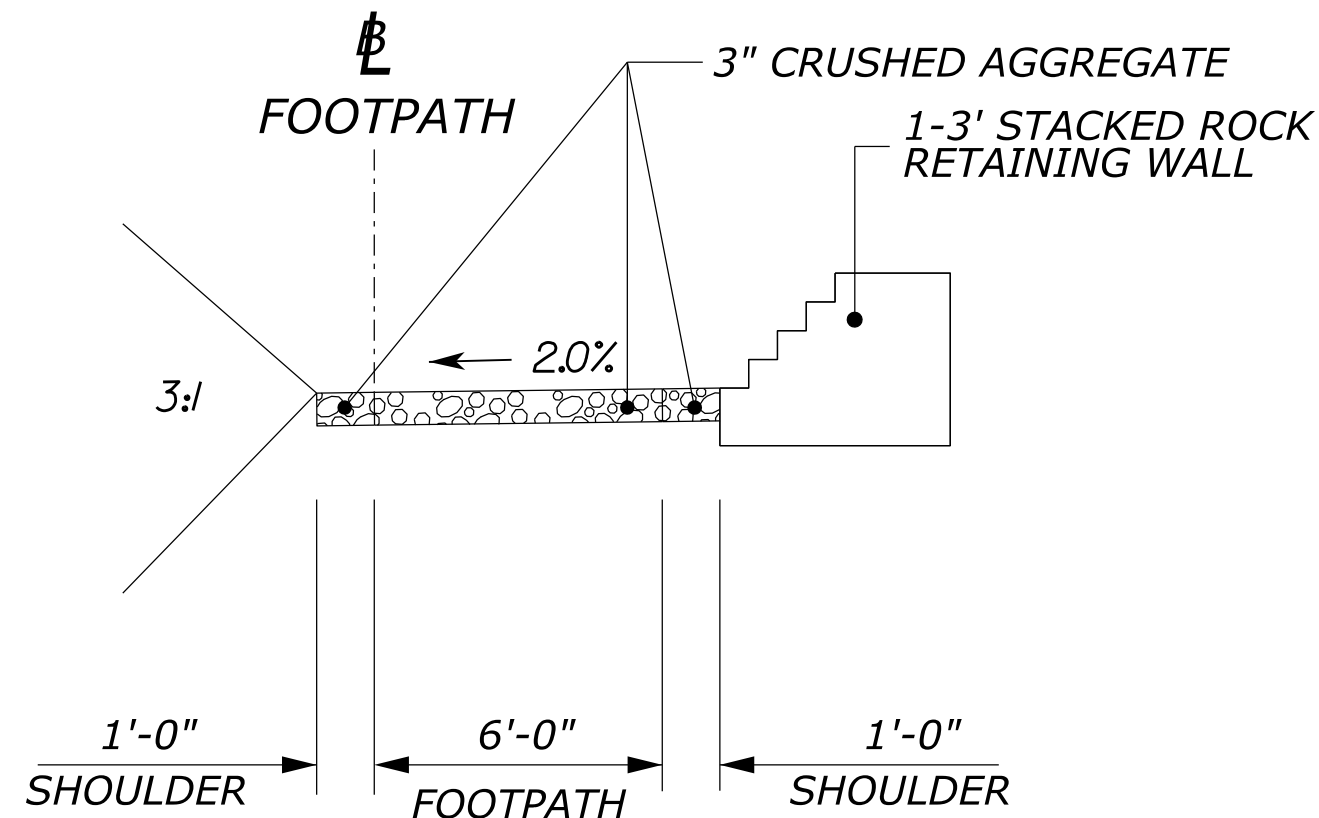
PMIS NO.	NPS NO.	STATE	PROJECT	SHEET NUMBER
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TYPICAL FOOTPATH SECTION

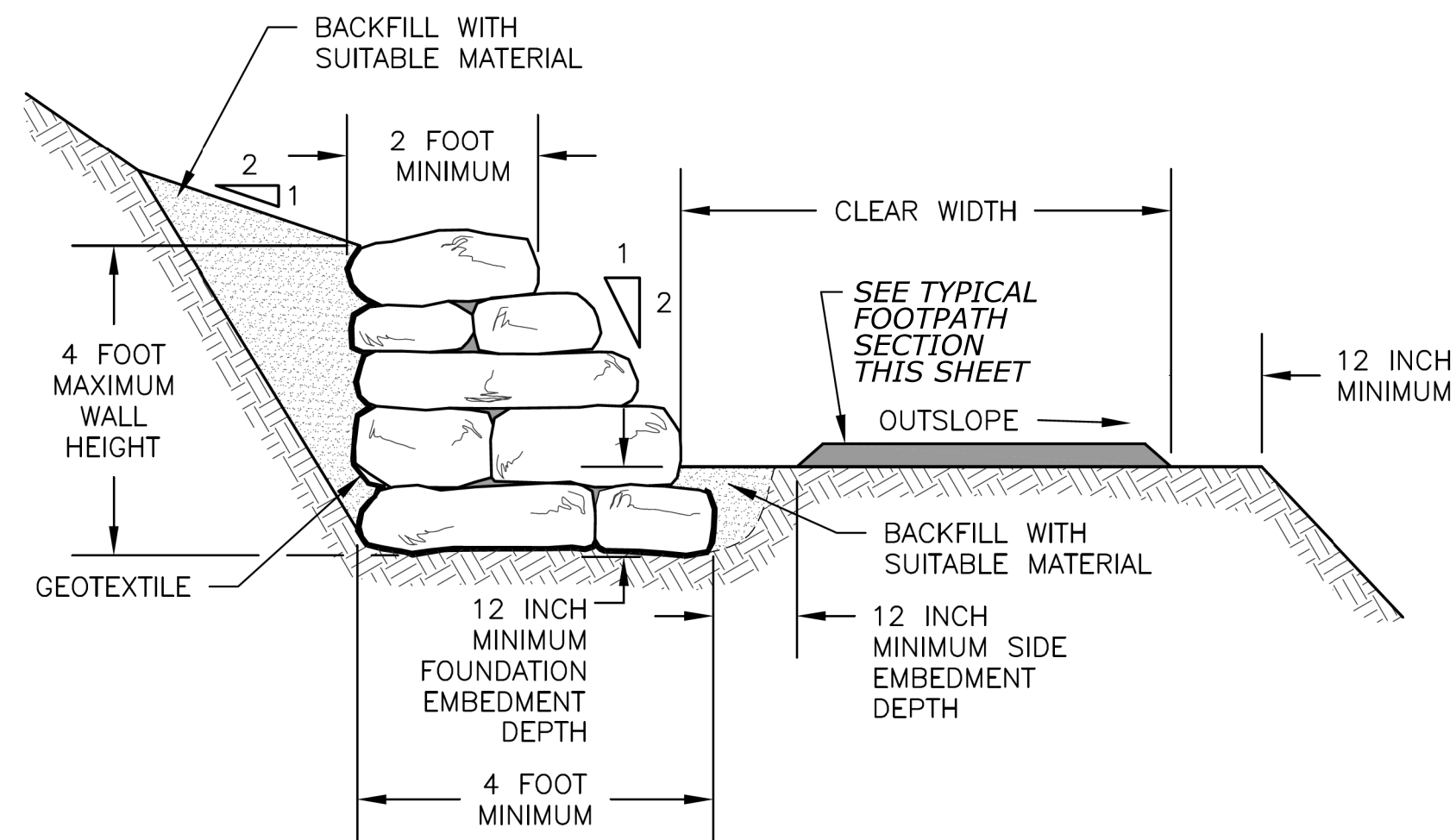
ALIGNMENT 1:
STA.100+00.00 TO STA.125+71.66

ALIGNMENT 2:
STA.200+00.00 TO STA.204+67.53
STA.208+71.45 TO STA.222+16.00



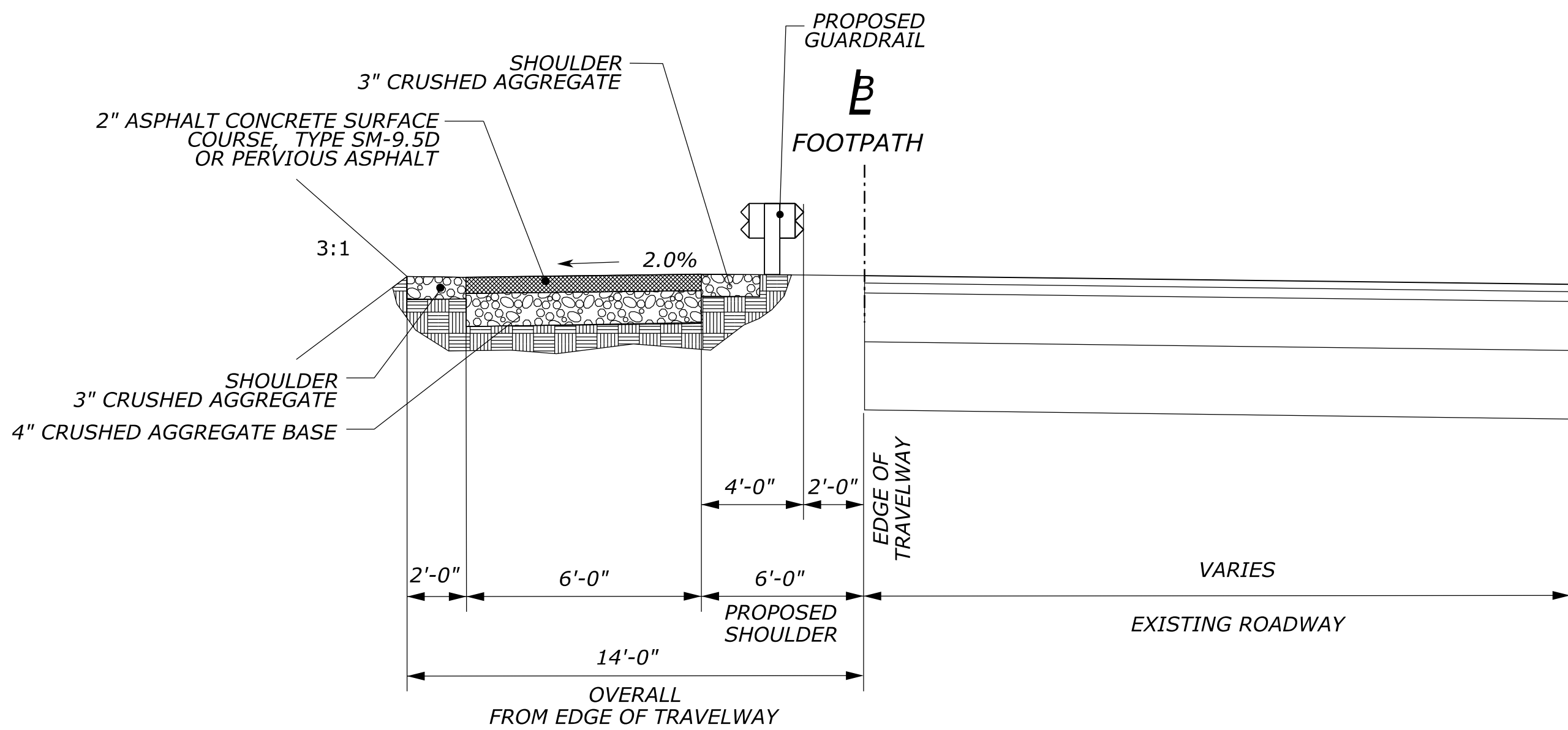
TYPICAL FOOTPATH SECTION
WITH RETAINING WALL

ALIGNMENT 2:
STA.204+67.53 TO STA.208+71.45



STACKED ROCK RETAINING WALL - UPHILL SECTION DETAIL

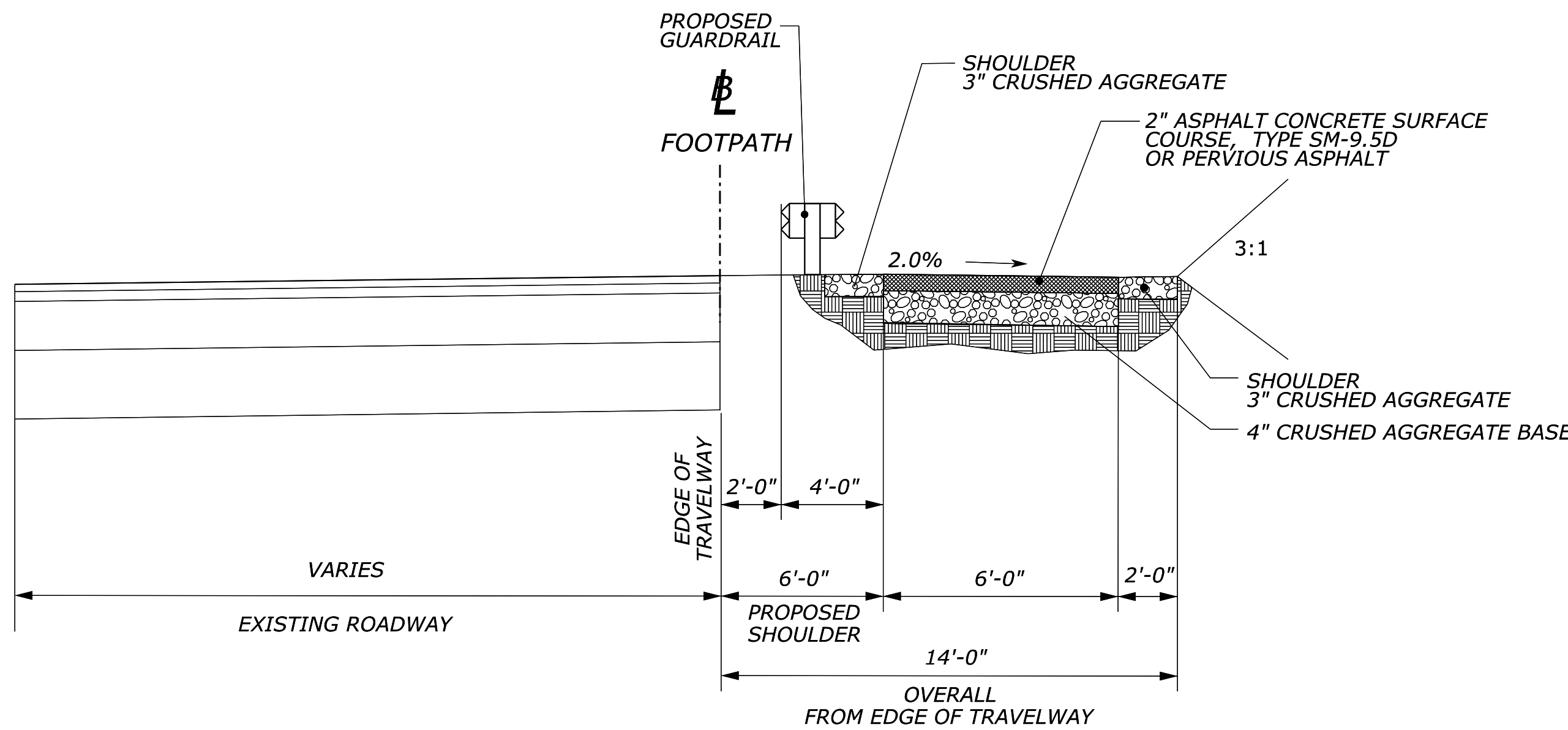
SOURCE: USDA FOREST SERVICE STANDARD
TRAIL PLANS AND SPECIFICATIONS



TYPICAL ROADSIDE FOOTPATH SECTION

ALIGNMENT 1:
STA.125+71.66 TO STA.141+40.84

ALIGNMENT 3:
STA.300+00 TO STA.318+00.90



TYPICAL ROADSIDE FOOTPATH SECTION

ALIGNMENT 4:
STA.400+00 TO STA.432+44.92

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION
STERLING, VIRGINIA

GEORGETOWN PIKE FOOTPATH

TYPICAL SECTIONS

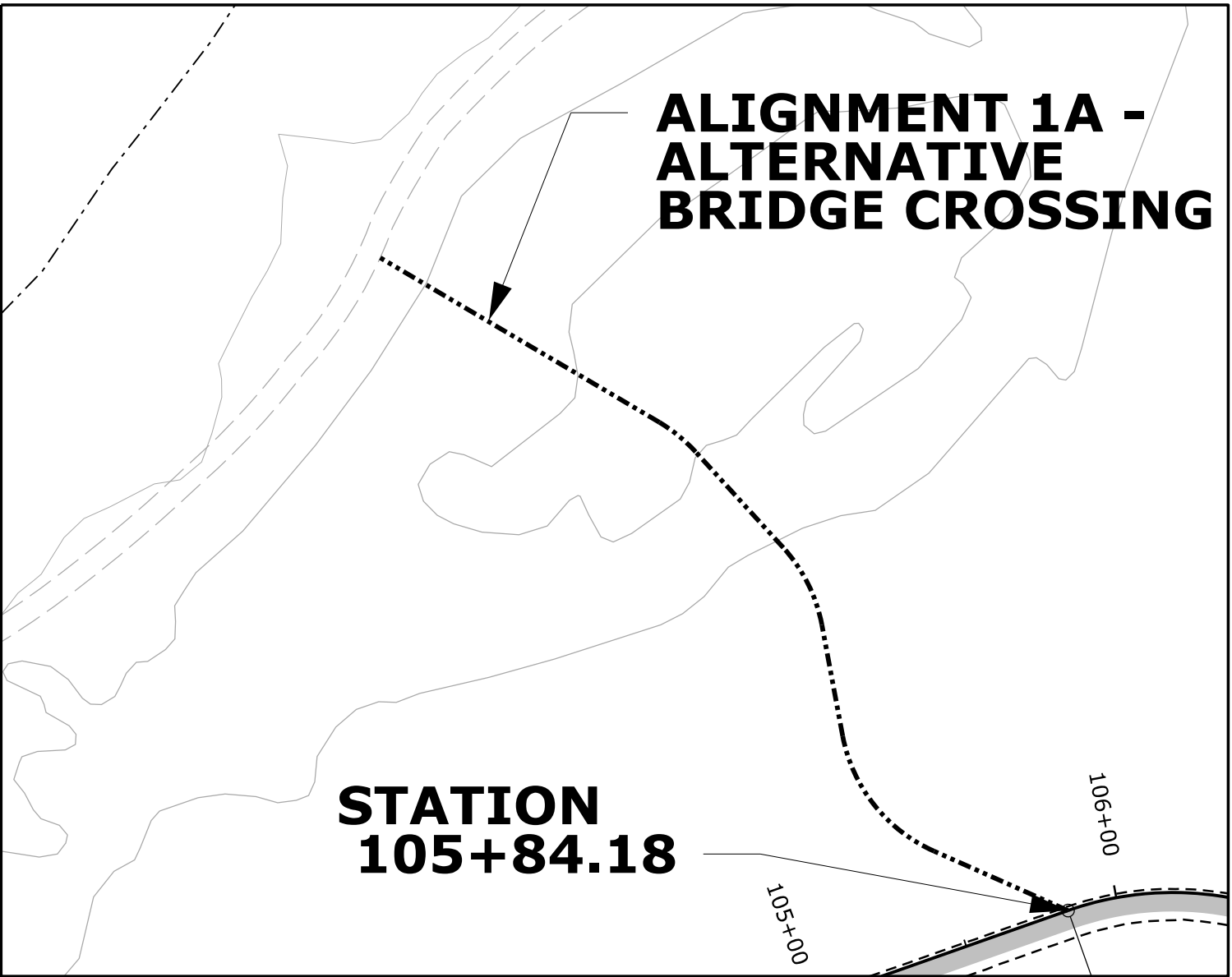
SEPTEMBER 2019

TABULATION OF QUANTITIES

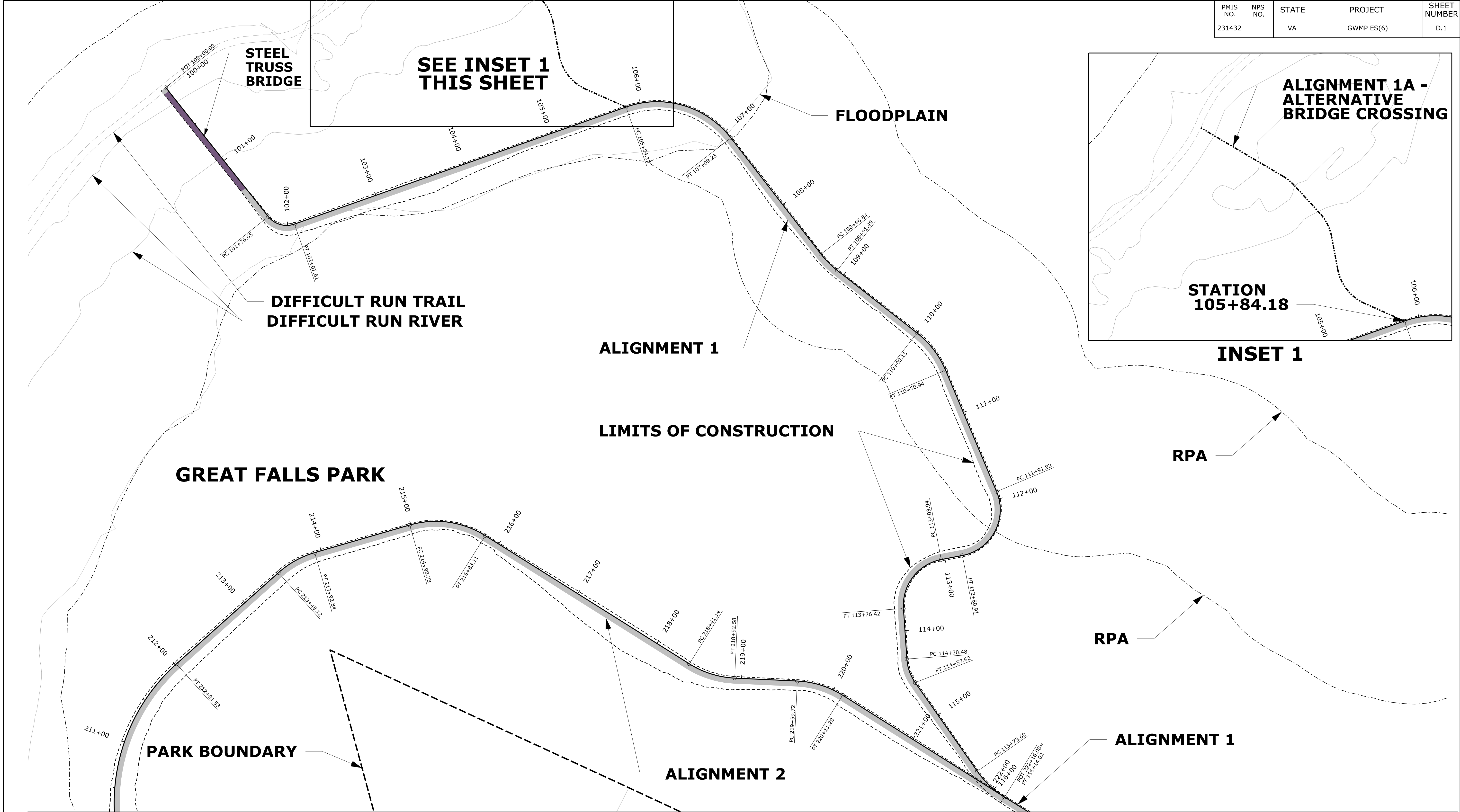
SHEET	STATION	Pay Item 20101-0000	Pay Item 20401-0000	Pay Item 20403-0000	Steel Truss Bridge	Pay Item 30111-1000	Pay Item 40302-0100	Pay Item 61701-3900	Pay Item 25403-0000
		Clearing and Grubbing	Roadway Excavation	Unclassified Borrow		Crushed Aggregate	2" Asphalt Concrete Surface Course	Guardrail	Stacked Rock Retaining Wall
		Acre	CY	CY	LF	SY	SY	LF	SF
D1	Alignment 1 100+00 to 116+45	0.39	320	6	110-130	1,462			
	Alignment 2 210+24 to 222+16 (and as part of 1)	0.45	732	119		1,095			
D2	Alignment 2 200+00 to 210+24	0.59	488	79	110-130	760			1,000
	Alignment 3 300+00 to 309+24	0.43	720	117	110-130	828	621	733	
	Alignment 4 400+00 to 410+56	0.58	865	177	110-130	1,030	773	1,004	
D3	Alignment 1 16+45 to 25+36	0.35	46	52		1,120	246	369	
	Alignment 2 (as part of 1)	0.35	46	52		1,120	246	369	
	Alignment 3 309+24 to 318+01	0.46	723			2,067	1,550	1,236	
	Alignment 4 410+56 to 423+97	0.41	235	49		1,104	828	1,242	
D4	Alignment 1 129+39 to 141+41	0.43	240	53		1,069	802	1,203	
	Alignment 2 (as part of 1)	0.43	240	53		1,069	802	1,203	
	Alignment 3 (as part of 1)	0.43	240	53		1,069	802	1,203	
	Alignment 4 423+97 to 432+45 (and as part of 1)	0.45	464			1,069	802	1,203	
Alignment 1 Totals:		1.17	606	111	110-130	3,652	1,048	1,572	
Alignment 2 Totals:		1.82	1,506	303	110-130	4,044	1,048	1,572	
Alignment 3 Totals:		1.33	1,683	170	110-130	3,964	2,973	3,172	
Alignment 4 Totals:		1.45	1,564	226	110-130	3,204	2,403	3,449	

- NOTES:
- PAY ITEMS TO BE MEASURED AND DEFINED BY STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS; FP-14 PAY ITEM LISTING
 - CONCEPTUAL DESIGN WAS COMPLETED WITH GIS INFORMATION ONLY. QUANTITIES ARE APPROXIMATE AND MAY CHANGE WITH FINAL DESIGN AND TOPOGRAPHIC SURVEY
 - BRIDGE CROSSING LENGTHS TO BE DETERMINED AFTER COMPLETION OF DETAILED SURVEY AND IN COORDINATION WITH HYDRAULIC STUDY DURING FINAL DESIGN PHASE
 - CRUSHED AGGREGATE QUANTITY INCLUDES COMINBED SQUARE YARDAGE OF 3" CRUSHED AGGREGATE SURFACE COURSE FOR THE FOOTPATH AND 4" CRUSHED AGGREGATE BASE FOR THE ROADSIDE FOOTPATH

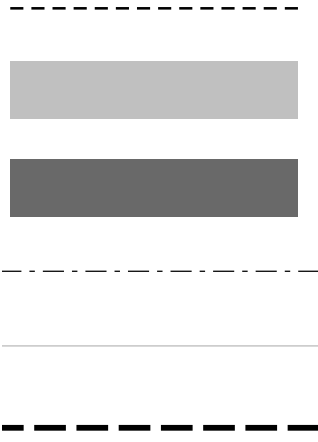
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INSET 1



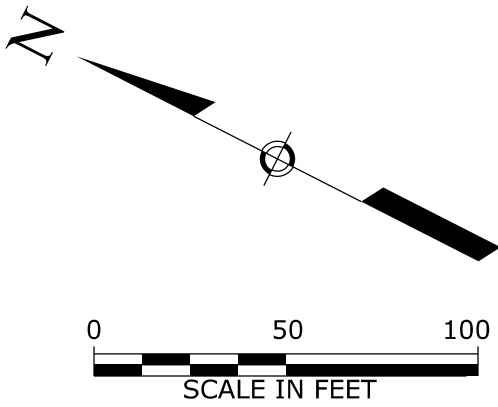
LEGEND



- LIMITS OF CONSTRUCTION**
- FOOTPATH SURFACE**
- ESTIMATED LIMITS OF
BRIDGE SURFACE**
- LIMITS OF RPA**
- LIMITS OF FLOODPLAIN**
- PARK BOUNDARY**

NOTES:

- ALIGNMENTS 1 & 2 INTERSECT AT
STA. 116+14.02 OF ALIGNMENT 1 AND
STA. 222+16.00 OF ALIGNMENT 2**
- BRIDGE CROSSING LOCATIONS AND
LENGTHS TO BE DETERMINED AFTER
COMPLETION OF DETAILED SURVEY AND
DURING FINAL DESIGN**



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION
STERLING, VIRGINIA

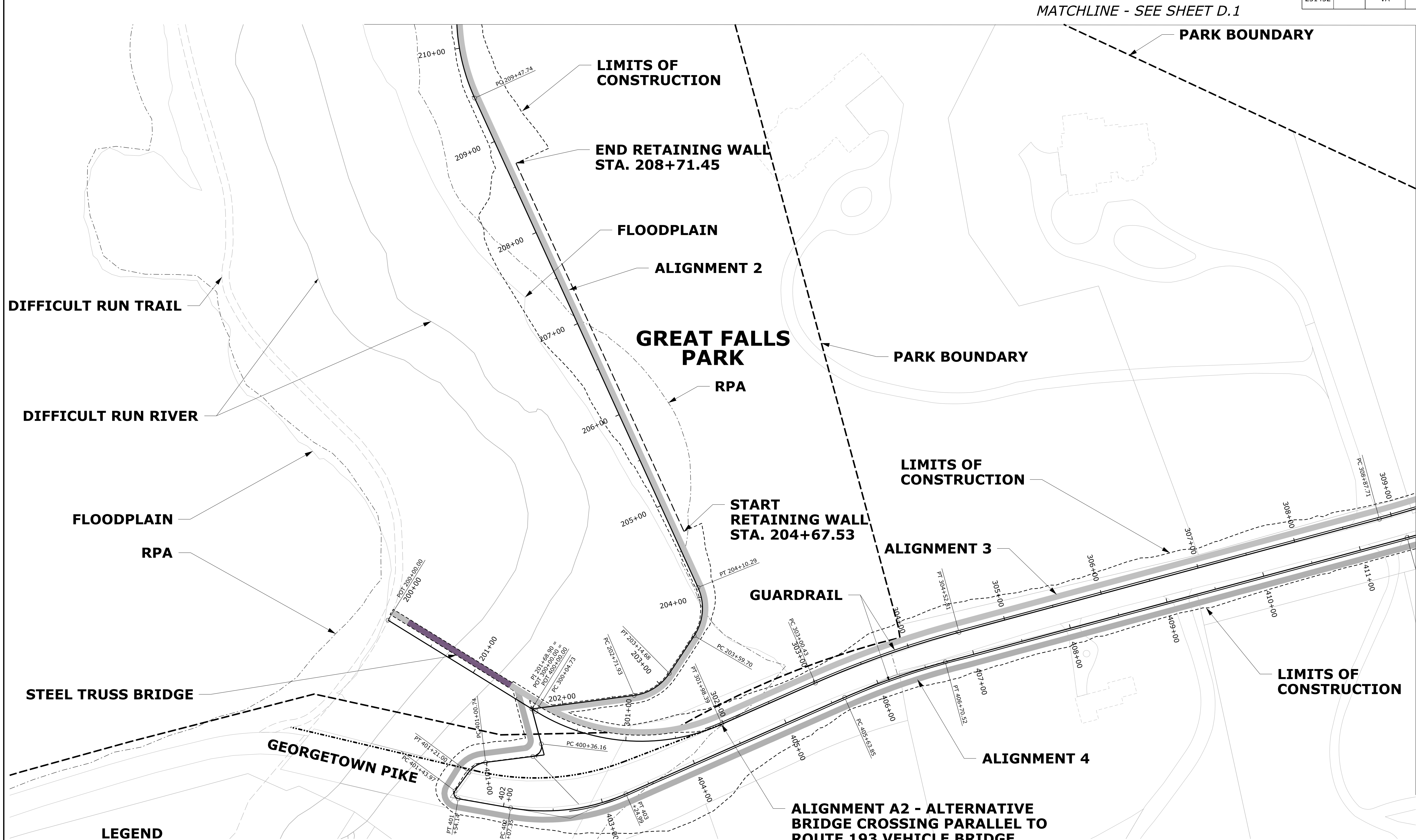
GEORGETOWN PIKE FOOTPATH

PLAN SHEET 1

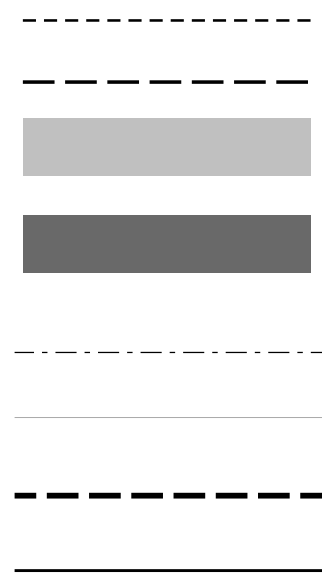
ALIGNMENT 1 - STA 100+00 TO STA 116+45
ALIGNMENT 2 - STA 210+24 TO STA 222+16

SEPTEMBER 2019

PMIS NO.	NPS NO.	STATE	PROJECT	SHEET NUMBER
231432		VA	GWMP ES(6)	D.2



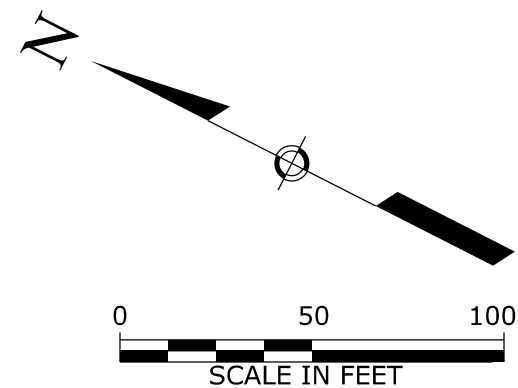
LEGEND



LIMITS OF CONSTRUCTION
RETAINING WALL
FOOTPATH SURFACE
ESTIMATED LIMITS OF BRIDGE SURFACE
LIMITS OF RPA
LIMITS OF FLOODPLAIN
PARK BOUNDARY
GUARDRAIL

NOTES:

- ALIGNMENT 2 INCLUDES THE BRIDGE CROSSING OF DIFFICULT RUN.**
- ALIGNMENTS 3 AND 4 BEGIN AT THE SOUTH SIDE OF DIFFICULT RUN AT STATION 201+68.90 OF ALIGNMENT 2**
- BRIDGE CROSSING LOCATIONS AND LENGTHS TO BE DETERMINED AFTER COMPLETION OF DETAILED SURVEY AND DURING FINAL DESIGN**



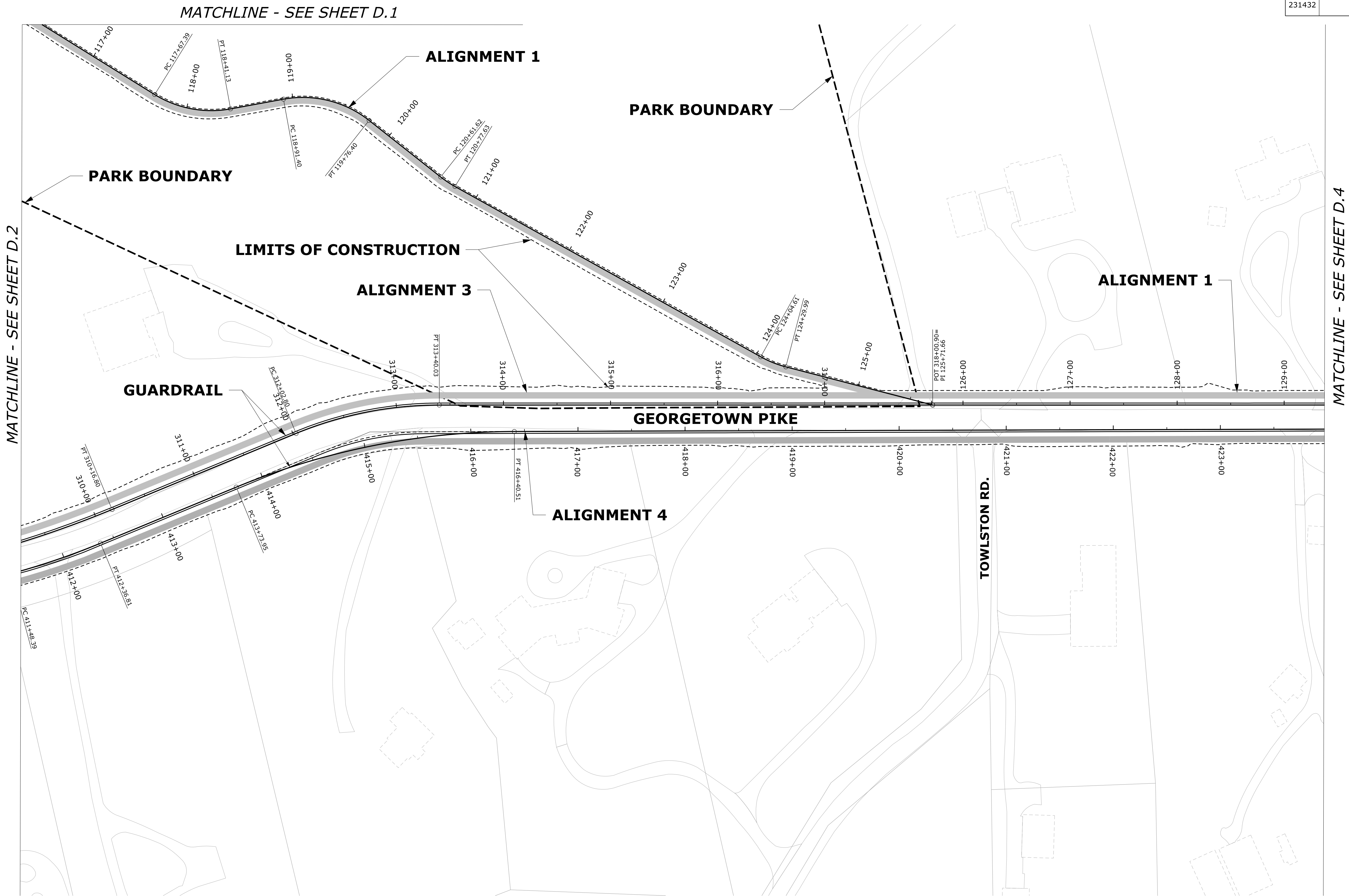
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EASTERN FEDERAL LANDS HIGHWAY DIVISION
STERLING, VIRGINIA

GEORGETOWN PIKE FOOTPATH

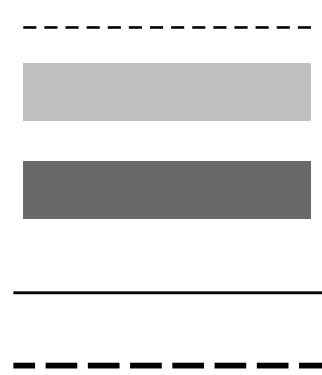
PLAN SHEET 2

ALIGNMENT 2 - STA 200+00 TO STA 210+24
ALIGNMENT 3 - STA 300+00 TO STA 309+24
ALIGNMENT 4 - STA 400+00 TO STA 411+55
SEPTEMBER 2019

PMIS NO.	NPS NO.	STATE	PROJECT	SHEET NUMBER
231432		VA	GWMP ES(6)	D.3

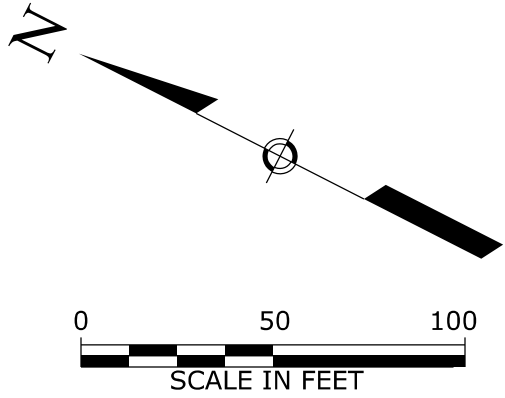


LEGEND



LIMITS OF CONSTRUCTION
FOOTPATH SURFACE
ESTIMATED LIMITS OF BRIDGE SURFACE
GUARDRAIL
PARK BOUNDARY

- NOTES:**
- ALIGNMENTS 1 AND 3 INTERSECT AT STATION 125+71.66 OF ALIGNMENT 1.**
 - ALIGNMENT 1 CONTINUES SOUTH EAST ALONG GEORGETOWN PIKE**



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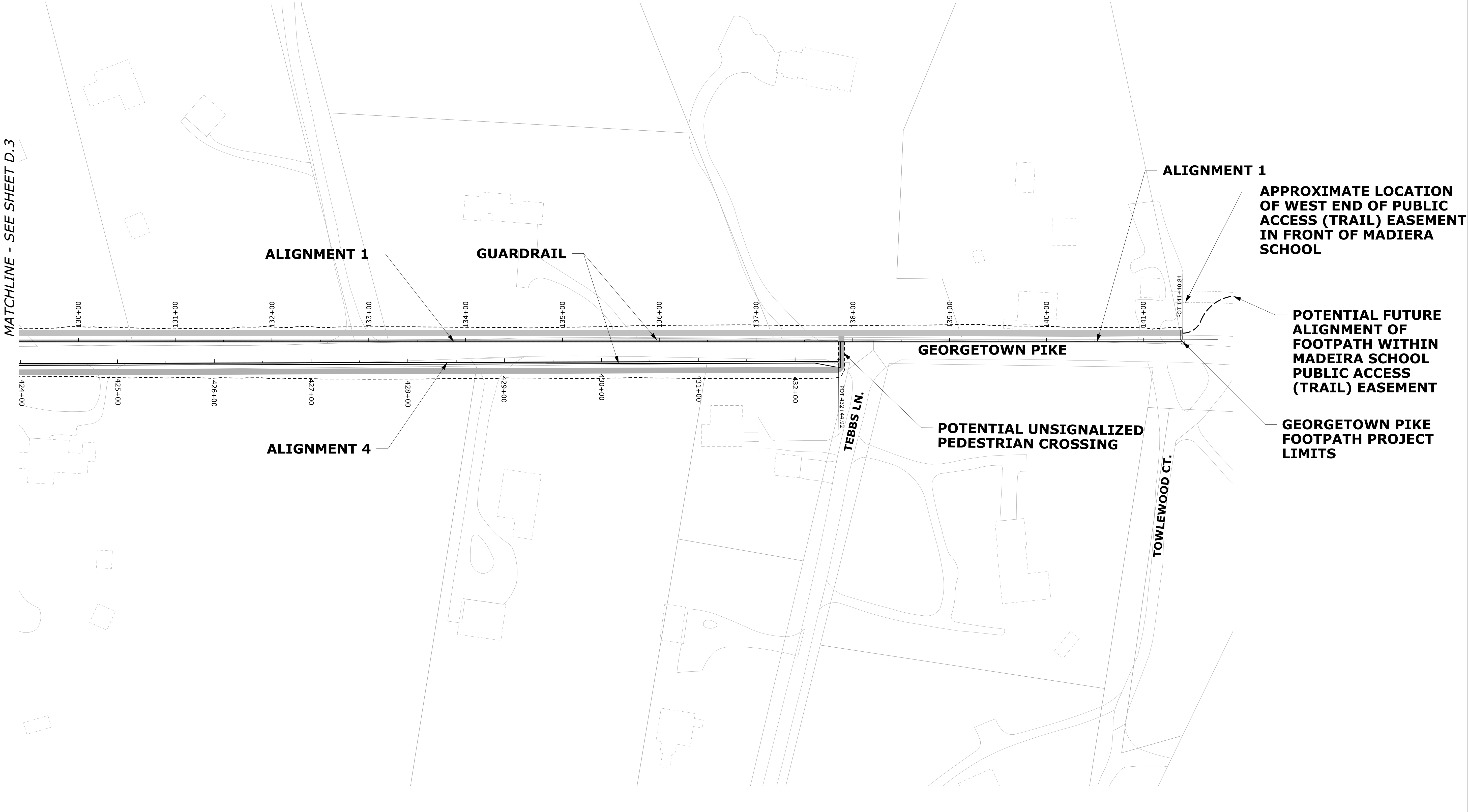
GEORGETOWN PIKE FOOTPATH

PLAN SHEET 3

ALIGNMENT 1 - STA 116+45 TO STA 129+38
ALIGNMENT 2 - STA 309+24 TO STA 423+97
ALIGNMENT 3 - STA 411+55 TO STA 425+70

SEPTEMBER 2019

PMIS NO.	NPS NO.	STATE	PROJECT	SHEET NUMBER
231432		VA	GWMP ES(6)	D.4



LEGEND



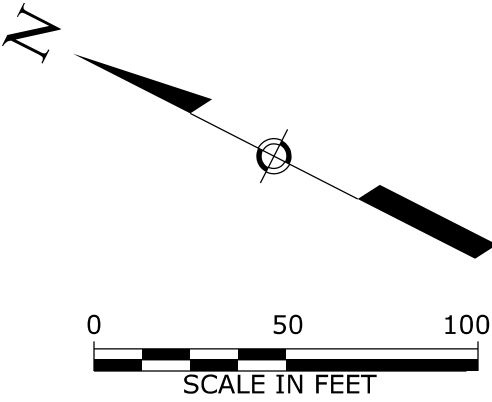
LIMITS OF CONSTRUCTION

FOOTPATH SURFACE

ESTIMATED LIMITS OF BRIDGE SURFACE

GUARDRAIL

- NOTES:**
- ALIGNMENTS 1 AND 4 INTERSECT AT STATION 137+86 OF ALIGNMENT 1.**
 - ALIGNMENT 1 CONTINUES SOUTH EAST ALONG GEORGETOWN PIKE**



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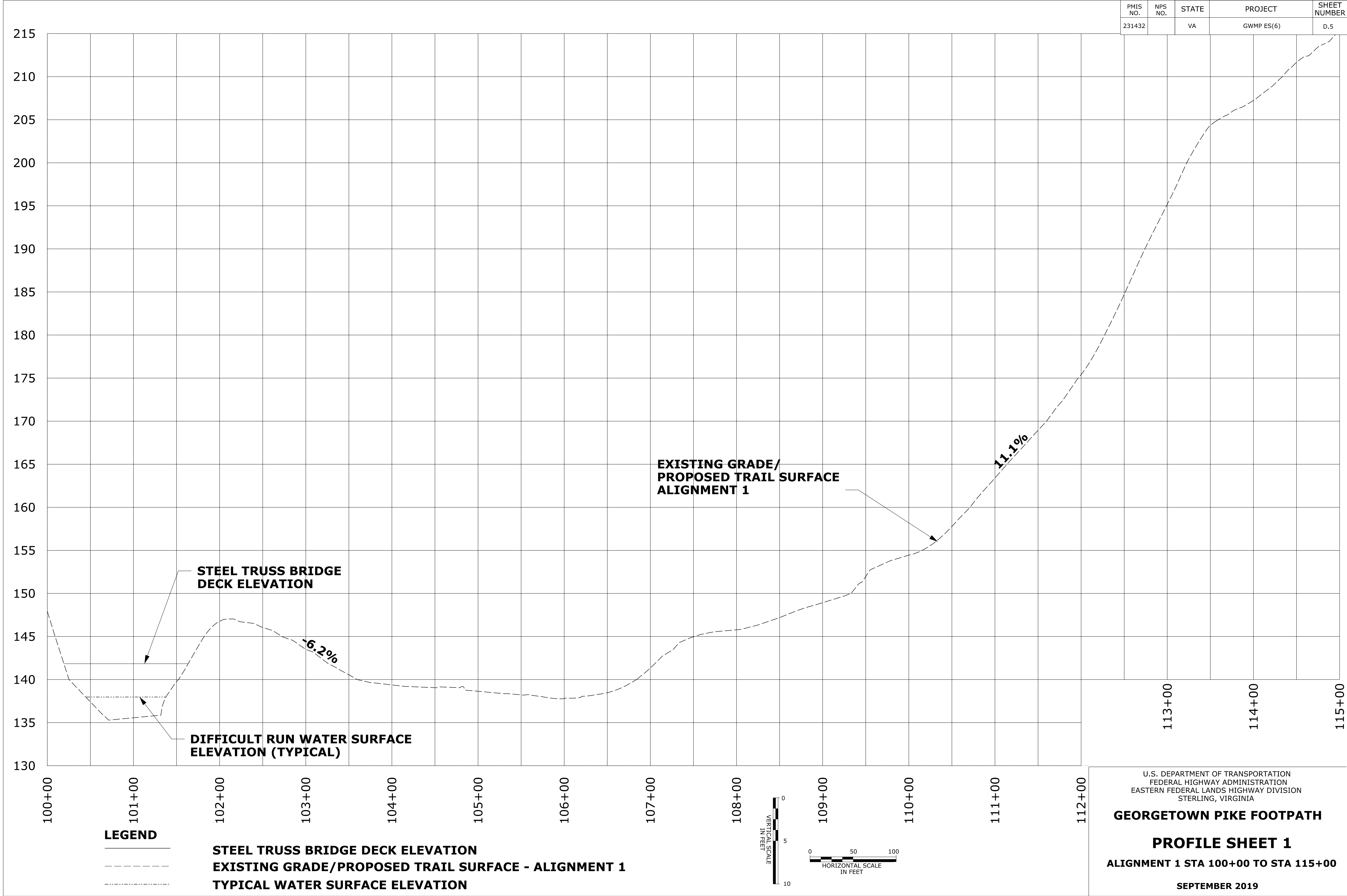
GEORGETOWN PIKE FOOTPATH

PLAN SHEET 4

ALIGNMENT 1 - STA 129+38 TO STA 141+40.84
ALIGNMENT 4 - STA 423+97 TO STA 432+44.92

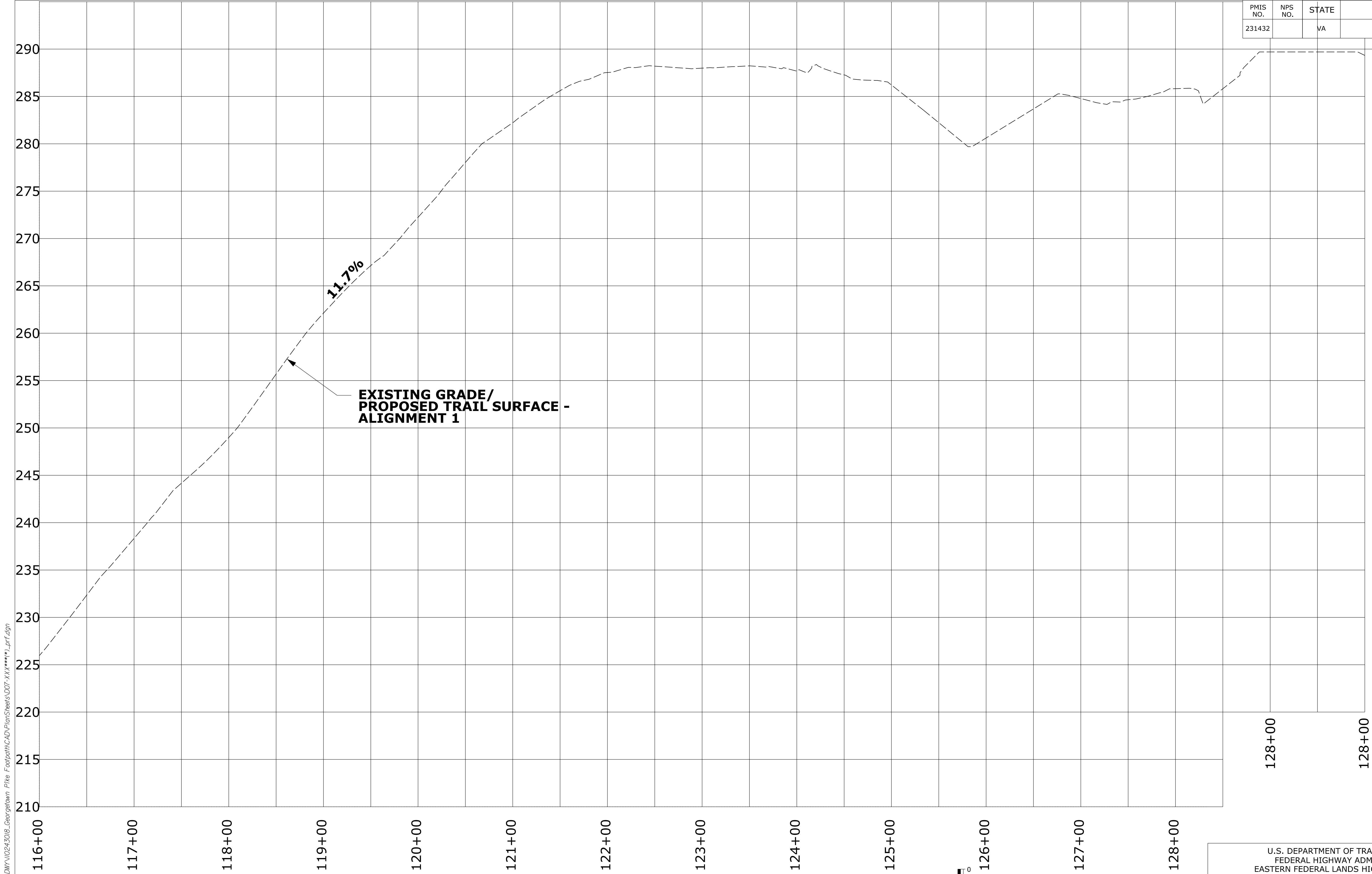
SEPTEMBER 2019

PMIS NO.	NPS NO.	STATE	PROJECT	SHEET NUMBER
231432		VA	GWMP ES(6)	D.5



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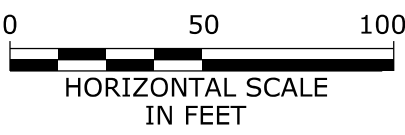
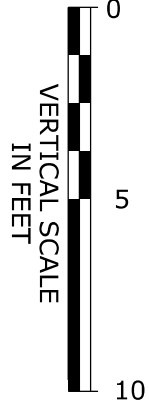
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231432		VA	GWMP ES(6)	D.6



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LEGEND

----- EXISTING GRADE/PROPOSED TRAIL SURFACE - ALIGNMENT 1



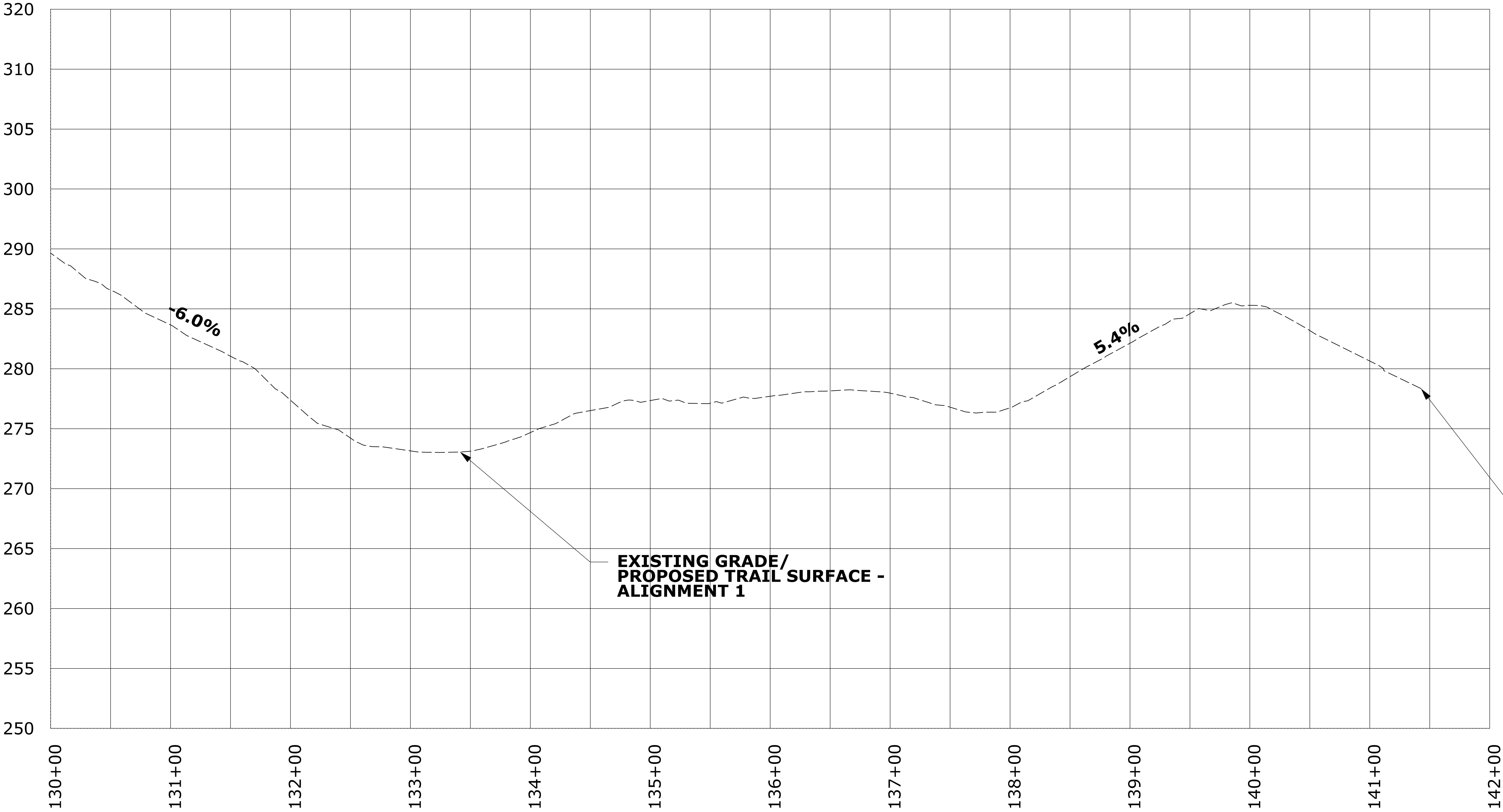
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**GEORGETOWN PIKE FOOTPATH
PROFILE SHEET 2**

ALIGNMENT 1 - STA 115+00 TO STA 128+00

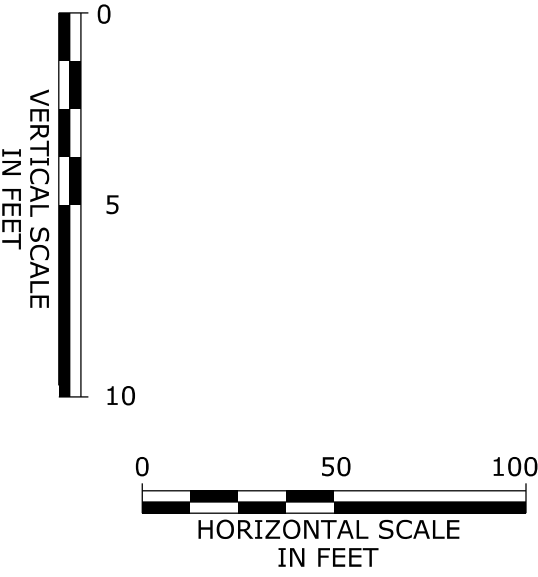
SEPTEMBER 2019

PMIS NO.	NPS NO.	STATE	PROJECT	SHEET NUMBER
231432		VA	GWMP ES(6)	D.7



LEGEND

----- **EXISTING GRADE/PROPOSED TRAIL SURFACE - ALIGNMENT 1**



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GEORGETOWN PIKE FOOTPATH

PROFILE SHEET 3

ALIGNMENT 1 - STA 130+00 TO 142+00

SEPTEMBER 2019