

FOR INDEX OF SHEETS SEE SHEET 1B(1) THROUGH 1B(2)

THIS PROJECT WAS DEVELOPED UTILIZING THE DEPARTMENT'S ENGINEERING DESIGN PACKAGE (GEOPAK).
GEOPAK Computer Identification No. 113414

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

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT'S 2016 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS, 2009 MUTCD, 2011 VIRGINIA SUPPLEMENT TO THE MUTCD, 2011 VIRGINIA WORK AREA PROTECTION MANUAL REV. 2 AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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

PUBLIC HEARING PLANS
DATE: 02/21/2020



PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

DESIGN-BUILD PROJECT RFP PLANS

FAIRFAX COUNTY
495 EXPRESS LANES NORTHERN EXTENSION
From: VA Route 267 (Dulles Toll Road)
To: George Washington Memorial Parkway

STATE	FEDERAL AID		STATE		SHEET NO.
	PROJECT	ROUTE	PROJECT		
VA.		495		0495-029-419	1

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA					
	495 EXPRESS LANES	INTERSTATE 495 GENERAL PURPOSE LANES	VA ROUTE 267 DULLES TOLL ROAD	VA ROUTE 193 GEORGETOWN PIKE	GEORGE WASHINGTON MEMORIAL PARKWAY
FROM:	VA RTE 267 DULLES TOLL ROAD	VA RTE 267 DULLES TOLL ROAD	0.66 MI.WEST OF I-495 NB GP	0.15 MI.WEST OF I-495	I-495
TO:	GEORGE WASHINGTON MEMORIAL PARKWAY	GEORGE WASHINGTON MEMORIAL PARKWAY	0.17 MI.WEST OF I-495 NB GP	0.16 MI.EAST OF I-495	0.35 MI.EAST OF I-495
FUNCTIONAL CLASSIFICATION	FREEWAY DIVIDED	FREEWAY DIVIDED	FREEWAY DIVIDED	URBAN MINOR ARTERIAL	NPS CLASS VII URBAN PARKWAY
TERRAIN	ROLLING	ROLLING	ROLLING	ROLLING	ROLLING
MIN.DESIGN SPEED	70 MPH	70 MPH	60 MPH	40 MPH	60 MPH
ADT (2018)	21,500	224,800	123,420	---	58,700
ADT (2045)	76,800	239,300	164,700	30,000	66,900
DHV	6,600	15,600	13,000	2,500	5,500
D (%) (design hour)	53%	56%	59%	57%	53%
T (%) (design hour)	3%	3%	2%	1%	0%
V (MPH)	*	*	*	*	*
TC STD.	TC-5JIR	TC-5JIR	TC-5JIR	TC-5JIU	TC-5JIR
MINIMUM VERTICAL CLEARANCE	16'-6"	16'-6"	16'-6"	16'-6"	16'-6"
GEOMETRIC STD.	GS-INT	GS-INT	GS-5	GS-6	NPS

* See Plan and Profile Sheets for horizontal and vertical curve design speeds.

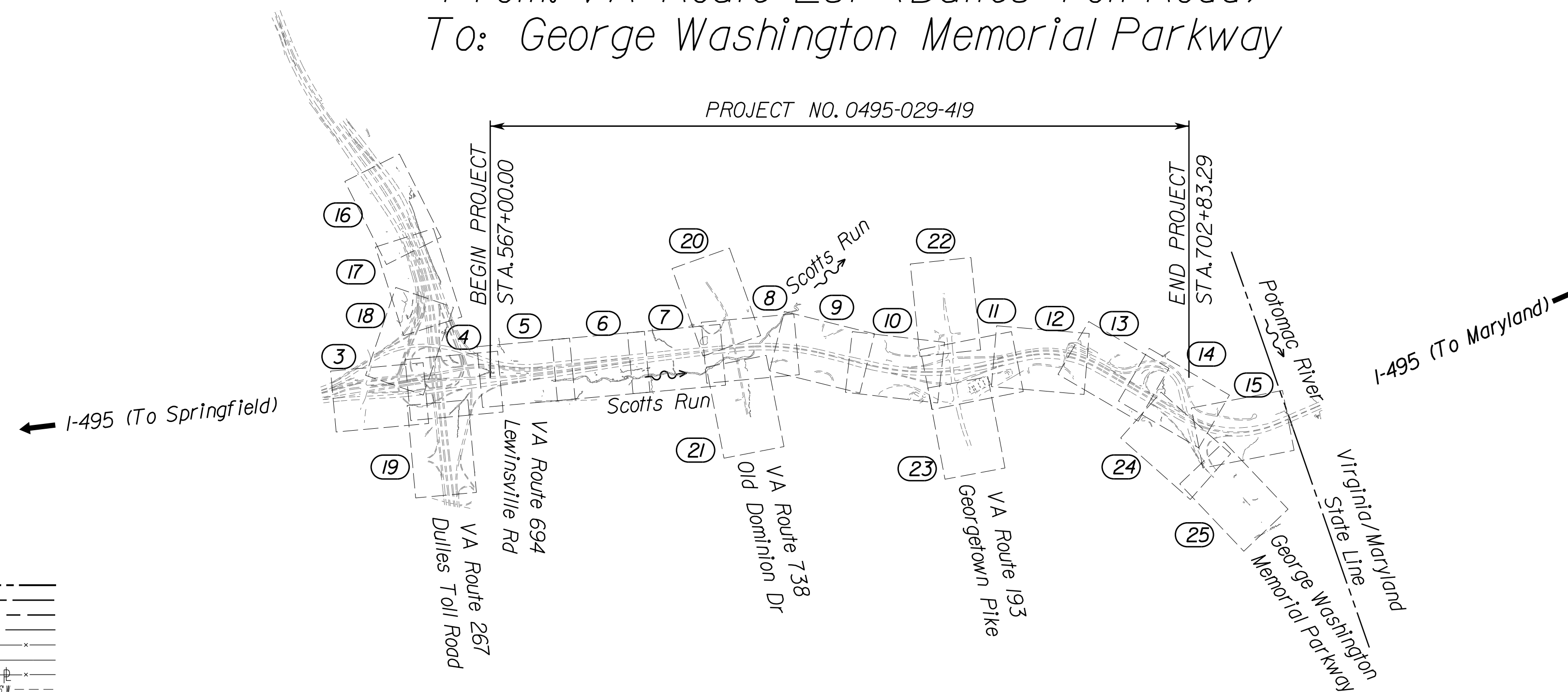
FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA			
	VA ROUTE 738 OLD DOMINION ROAD	LIVE OAK DRIVE	INTERCHANGE RAMPS
FROM:	0.22 MI.WEST OF I-495	BALLS HILL ROAD	N/A
TO:	0.24 MI.EAST OF I-495	0.34 MI.WEST OF BALLS HILL ROAD	N/A
FUNCTIONAL CLASSIFICATION	URBAN MINOR ARTERIAL	URBAN LOCAL ROAD	INTERCHANGE RAMP
TERRAIN	ROLLING	ROLLING	ROLLING
MIN.DESIGN SPEED	45 MPH	25 MPH	30 MPH
ADT (2018)	---	---	---
ADT (2045)	12,200	---	---
DHV	1,200	---	---
D (%) (design hour)	71%	---	---
T (%) (design hour)	1%	---	---
V (MPH)	*	*	*
TC STD.	TC-5JIU	TC-5JIU/ULS	TC-5JIR
MINIMUM VERTICAL CLEARANCE	16'-6"	16'-6"	16'-6"
GEOMETRIC STD.	GS-6	GS-8	GS-R

* See Plan and Profile Sheets for horizontal and vertical curve design speeds.

PROJECT MANAGER: Capital Beltway Express, LLC
SURVEYED BY: DATE: Rice, Associates
DESIGN BY: HDR Engineering, Inc.
SUBSURFACE UTILITY BY: DATE: N/A

CONVENTIONAL SIGNS

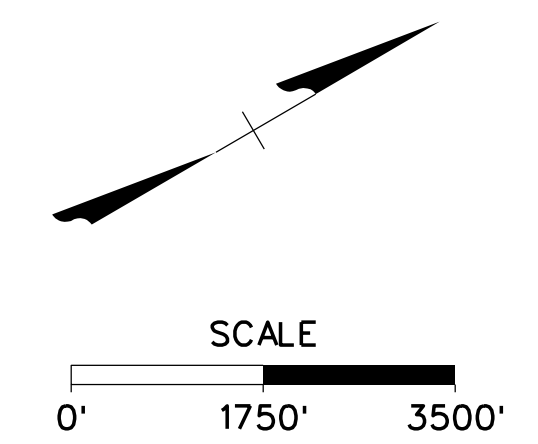
STATE LINE	---
COUNTY LINE	---
CITY, TOWN OR VILLAGE	---
RIGHT OF WAY LINE	---
FENCE LINE	---
UNFENCED PROPERTY LINE	---
FENCED PROPERTY LINE	---
WATER LINE	---
SANITARY SEWER LINE	---
GAS LINE	---
ELECTRIC UNDERGROUND CABLE	---
TRAVELED WAY	---
GUARD RAIL	---
RETAINING WALL	---
RAILROADS	---
BASE OR SURVEY LINE	---
LEVEE OR EMBANKMENT	---
BRIDGES	---
CULVERTS	---
DROP INLET	---
POWER POLES	---
TELEPHONE OR TELEGRAPH POLES	---
TELEPHONE OR TELEGRAPH LINES	---
HEDGE	---
TREES	---
HEAVY WOODS	---
GROUND ELEVATION	---
GRADE ELEVATION	---



Fairfax County Population 1,150,795 (2019 Census Estimate)

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		BRIDGE PLAN NO.	TYPE PROJECT	DESCRIPTION
					FEET	MILES	FEET	MILES			
0495-029-419				113414	13,583.29	2.57	13,418.51	2.54			From: VA Route 267 Dulles Toll Road To: George Washington Memorial Parkway

Project Lengths are based on NB 495 Express Lanes Construction Baseline



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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

INDEX OF SHEETS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	1B(1)

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

SHEET NO.	DESCRIPTION	STATIONS	SHEET NO.	DESCRIPTION	STATIONS
1	TITLE SHEET		9C	PROFILE SHEET - LEWINSVILLE BIKE TRAIL	57+50.00 to 71+50.00
1B(1) thru 1B(2)	INDEX OF SHEETS		9RW	PLAN SHEET - RIGHT OF WAY	623+50.00 to 637+50.00
1C(1) thru 1C(4)	RIGHT-OF-WAY DATA SHEETS		10	PLAN SHEET	637+50.00 to 651+50.00
1G(1) thru 1G(20)	GEOMETRIC DATA SHEETS		10A	PROFILE SHEET - 495 EXPRESS LANES NORTHBOUND	637+50.00 to 651+50.00
1H(1) thru 1H(4)	EXISTING DRAINAGE DESCRIPTION SHEETS		10B	PROFILE SHEET - 495 EXPRESS LANES SOUTHBOUND	237+50.00 to 251+50.00
2A(1) thru 2A(16)	TYPICAL SECTIONS		10C	PROFILE SHEET - GTP SE RAMP	10+00.00 to 21+50.00
2B(1) thru 2B(2)	DRAINAGE STRUCTURE DESCRIPTION SHEETS		10D	PROFILE SHEET - GTP SW RAMP	10+00.00 to 19+50.00
3	PLAN SHEET	538+60.56 to 553+50.00	10E	PROFILE SHEET - LEWINSVILLE BIKE TRAIL	71+50.00 to 85+50.00
3A	PROFILE SHEET - 495 EXPRESS LANES NORTHBOUND	539+50.00 to 553+50.00	10RW	PLAN SHEET - RIGHT OF WAY	637+50.00 to 651+50.00
3B	PROFILE SHEET - 495 EXPRESS LANES SOUTHBOUND	139+50.00 to 153+50.00	11	PLAN SHEET	651+50.00 to 665+50.00
3C	PROFILE SHEET - DTR RAMP E1	18+00.00 to 28+50.00	11A	PROFILE SHEET - 495 EXPRESS LANES NORTHBOUND	651+50.00 to 665+50.00
3D	PROFILE SHEET - DTR RAMP G3	36+00.00 to 46+60.00	11B	PROFILE SHEET - 495 EXPRESS LANES SOUTHBOUND	251+50.00 to 265+50.00
3E	PROFILE SHEET - 495 GENERAL PURPOSE NORTHBOUND	1043+00.00 to 1057+00.00	11C	PROFILE SHEET - GTP VA ROUTE 193	17+00.00 to 25+50.00
3F	PROFILE SHEET - DTR RAMP E4	38+50.00 to 43+00.00	11D	PROFILE SHEET - GTP NW RAMP	4+50.00 to 14+50.00
3RW	PLAN SHEET - RIGHT OF WAY	538+60.56 to 553+50.00	11E	PROFILE SHEET - GTP VA ROUTE 193	18+00.00 to 27+50.00
4	PLAN SHEET	553+50.00 to 567+50.00	11F	PROFILE SHEET - BALLS HILL TRAIL	9+00.00 to 21+00.00
4A	PROFILE SHEET - 495 EXPRESS LANES NORTHBOUND	553+50.00 to 567+50.00	11G	PROFILE SHEET - LEWINSVILLE BIKE TRAIL	86+50.00 to 89+00.00
4B	PROFILE SHEET - 495 EXPRESS LANES SOUTHBOUND	153+50.00 to 167+50.00	11H	PROFILE SHEET - GWMP RAMP G21	4+50.00 to 14+00.00
4C	PROFILE SHEET - DTR RAMP E1	28+50.00 to 42+50.00	11J	PROFILE SHEET - BALLS HILL ROAD	23+00.00 to 29+50.00
4D	PROFILE SHEET - DTR RAMP E3	26+50.00 to 28+07.99	11RW	PLAN SHEET - RIGHT OF WAY	651+50.00 to 665+50.00
4E	PROFILE SHEET - DTR RAMP G10	10+00.00 to 16+50.00	12	PLAN SHEET	665+50.00 to 679+50.00
4F	PROFILE SHEET - 495 GENERAL PURPOSE NORTHBOUND	1057+00.00 to 1071+00.00	12A	PROFILE SHEET - 495 EXPRESS LANES NORTHBOUND	665+50.00 to 679+50.00
4RW	PLAN SHEET - RIGHT OF WAY	553+50.00 to 567+50.00	12B	PROFILE SHEET - 495 EXPRESS LANES SOUTHBOUND	265+50.00 to 279+50.00
5	PLAN SHEET	567+50.00 to 581+50.00	12C	PROFILE SHEET - GWMP RAMP G21	14+00.00 to 28+00.00
5A	PROFILE SHEET - 495 EXPRESS LANES NORTHBOUND	567+50.00 to 581+50.00	12D	PROFILE SHEET - GTP NW RAMP	14+50.00 to 25+75.00
5B	PROFILE SHEET - 495 EXPRESS LANES SOUTHBOUND	167+50.00 to 181+50.00	12E	PROFILE SHEET - LIVE OAK DRIVE	10+00.00 to 13+50.00
5C	PROFILE SHEET - DTR RAMP E1	42+50.00 to 51+00.00	12F	PROFILE SHEET - BALLS HILL TRAIL	21+00.00 to 30+75.00
5D	PROFILE SHEET - LEWINSVILLE BIKE TRAIL	10+00.00 to 16+50.00	12G	PROFILE SHEET - GWMP BIKE TRAIL	10+00.00 to 13+50.00
5E	PROFILE SHEET - 495 GENERAL PURPOSE NORTHBOUND	1071+00.00 to 1085+00.00	12H	PROFILE SHEET - GTP NW SLIP RAMP	10+00.00 to 15+00.00
5F	PROFILE SHEET - DTR RAMP G10	18+50.00 to 25+50.00	12J	PROFILE SHEET - LIVE OAK DRIVE BRIDGE	10+50.00 to 14+50.00
5RW	PLAN SHEET - RIGHT OF WAY	567+50.00 to 581+50.00	12K	PROFILE SHEET - BALLS HILLS ROAD	29+50.00 to 42+25.00
6	PLAN SHEET	581+50.00 to 595+50.00	12RW	PLAN SHEET - RIGHT OF WAY	665+50.00 to 679+50.00
6A	PROFILE SHEET - 495 EXPRESS LANES NORTHBOUND	581+50.00 to 595+50.00	13	PLAN SHEET	679+50.00 to 693+50.00
6B	PROFILE SHEET - 495 EXPRESS LANES SOUTHBOUND	181+50.00 to 195+50.00	13A	PROFILE SHEET - 495 EXPRESS LANES NORTHBOUND	679+50.00 to 693+50.00
6C	PROFILE SHEET - LEWINSVILLE BIKE TRAIL	15+50.00 to 29+50.00	13B	PROFILE SHEET - 495 EXPRESS LANES SOUTHBOUND	279+50.00 to 293+50.00
6D	PROFILE SHEET - 495 GENERAL PURPOSE NORTHBOUND	1085+00.00 to 1091+00.00	13C	PROFILE SHEET - GWMP RAMP G21	28+00.00 to 42+00.00
6RW	PLAN SHEET - RIGHT OF WAY	581+50.00 to 595+50.00	13D	PROFILE SHEET - GWMP RAMP E21	6+50.00 to 20+00.00
7	PLAN SHEET	595+50.00 to 609+50.00	13E	PROFILE SHEET - GWMP RAMP E22	10+00.00 to 23+50.00
7A	PROFILE SHEET - 495 EXPRESS LANES NORTHBOUND	595+50.00 to 609+50.00	13F	PROFILE SHEET - GWMP RAMP G22	10+00.00 to 24+00.00
7B	PROFILE SHEET - 495 EXPRESS LANES SOUTHBOUND	195+50.00 to 209+50.00	13G	PROFILE SHEET - GWMP RAMP G23	8+00.00 to 16+00.00
7C	PROFILE SHEET - LEWINSVILLE BIKE TRAIL	29+50.00 to 44+50.00	13H	PROFILE SHEET - LIVE OAK DRIVE	13+00.00 to 27+00.00
7RW	PLAN SHEET - RIGHT OF WAY	595+50.00 to 609+50.00	13J	PROFILE SHEET - GWMP BIKE TRAIL	13+50.00 to 27+00.00
8	PLAN SHEET	609+50.00 to 623+50.00	13RW	PLAN SHEET - RIGHT OF WAY	679+50.00 to 693+50.00
8A	PROFILE SHEET - 495 EXPRESS LANES NORTHBOUND	609+50.00 to 623+50.00	14	PLAN SHEET	693+50.00 to 705+50.00
8B	PROFILE SHEET - 495 EXPRESS LANES SOUTHBOUND	209+50.00 to 223+50.00	14A	PROFILE SHEET - 495 EXPRESS LANES NORTHBOUND	693+50.00 to 705+50.00
8C	PROFILE SHEET - OLD DOMINION DRIVE VA ROUTE 738	18+50.00 to 27+00.00	14B	PROFILE SHEET - 495 EXPRESS LANES SOUTHBOUND	293+50.00 to 307+50.00
8D	PROFILE SHEET - LEWINSVILLE BIKE TRAIL	44+50.00 to 58+50.00	14C	PROFILE SHEET - GWMP RAMP G21	42+00.00 to 56+00.00
8E	PROFILE SHEET - SCOTT RUN BIKE TRAIL	10+00.00 to 16+00.00	14D	PROFILE SHEET - GWMP RAMP G22	24+00.00 to 38+00.00
8RW	PLAN SHEET - RIGHT OF WAY	609+50.00 to 623+50.00	14E	PROFILE SHEET - GWMP RAMP E21	20+00.00 to 29+50.00
9	PLAN SHEET	623+50.00 to 637+50.00	14RW	PLAN SHEET - RIGHT OF WAY	693+50.00 to 705+50.00
9A	PROFILE SHEET - 495 EXPRESS LANES NORTHBOUND	623+50.00 to 637+50.00	15	PLAN SHEET	44+00.00 to 56+50.00
9B	PROFILE SHEET - 495 EXPRESS LANES SOUTHBOUND	223+50.00 to 237+50.00	15A	PROFILE SHEET - GWMP BIKE TRAIL	41+00.00 to 55+00.00

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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

SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 1B(1)
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PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Rice Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

INDEX OF SHEETS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	1B(2)

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

SHEET NO.	DESCRIPTION	STATIONS
15RW	PLAN SHEET - RIGHT OF WAY	44+00.00 to 56+50.00
16	PLAN SHEET	10+00.00 to 16+00.00
16A	PROFILE SHEET - DTR EB	10+00.00 to 18+00.00
16B	PROFILE SHEET - DTR RAMP E4	10+00.00 to 14+00.00
16RW	PLAN SHEET - RIGHT OF WAY	10+00.00 to 16+00.00
17	PLAN SHEET	18+50.00 to 32+50.00
17A	PROFILE SHEET - DTR EB	18+50.00 to 32+50.00
17B	PROFILE SHEET - DTR RAMP G3	18+00.00 to 25+50.00
17C	PROFILE SHEET - DTR RAMP E4	14+50.00 to 28+50.00
17RW	PLAN SHEET - RIGHT OF WAY	18+50.00 to 32+50.00
18	PLAN SHEET	32+50.00 to 39+00.00
18A	PROFILE SHEET - DTR EB	32+50.00 to 39+50.00
18B	PROFILE SHEET - DTR RAMP G3	25+50.00 to 35+50.00
18C	PROFILE SHEET - DTR RAMP E4	28+50.00 to 38+50.00
18RW	PLAN SHEET - RIGHT OF WAY	32+50.00 to 39+00.00
19	PLAN SHEET	10+00.00 to 26+75.00
19A	PROFILE SHEET - DTR RAMP E3	14+00.00 to 25+75.00
19B	PROFILE SHEET - DTR WB	402+50.00 to 412+00.00
19RW	PLAN SHEET - RIGHT OF WAY	10+00.00 to 26+75.00
20	PLAN SHEET	10+00.00 to 17+50.00
20A	PROFILE SHEET - OLD DOMINION DRIVE VA ROUTE 738	10+00.00 to 18+50.00
20RW	PLAN SHEET - RIGHT OF WAY	10+00.00 to 17+50.00
21	PLAN SHEET	26+50.00 to 36+23.47
21A	PROFILE SHEET - OLD DOMINION DRIVE VA ROUTE 738	26+50.00 to 32+00.00
21RW	PLAN SHEET - RIGHT OF WAY	26+50.00 to 36+23.47
22	PLAN SHEET	10+00.00 to 17+00.00
22A	PROFILE SHEET - GTP VA ROUTE 193	10+00.00 to 17+00.00
22RW	PLAN SHEET - RIGHT OF WAY	10+00.00 to 17+00.00
23	PLAN SHEET	25+50.00 to 35+00.00
23A	PROFILE SHEET - GTP VA ROUTE 193	25+50.00 to 35+00.00
23RW	PLAN SHEET - RIGHT OF WAY	25+50.00 to 35+00.00
24	PLAN SHEET	24+50.81 to 39+50.00
24A	PROFILE SHEET - GWMP RAMP G23	16+00.00 to 30+00.00
24B	PROFILE SHEET - GWMP RAMP E22	33+50.00 to 36+50.00
24C	PROFILE SHEET - GWMP RAMP G22	38+00.00 to 46+50.00
24RW	PLAN SHEET - RIGHT OF WAY	24+50.81 to 39+50.00
25	PLAN SHEET	47+30.57 to 55+50.00
25A	PROFILE SHEET - GWMP RAMP E22	39+50.00 to 48+00.00
25RW	PLAN SHEET - RIGHT OF WAY	47+30.57 to 55+50.00

SHEET NO.	DESCRIPTION	STATIONS
SIGNING AND MARKING PLANS		
SPI - SP (B2)	SIGNING AND PAVEMENT MARKING SHEETS	
SCROLL 1 - 8	SIGNING AND PAVEMENT MARKING ROLL PLOTS	
SIGNAL PLANS		
TS(1) - TS(4)	SIGNAL SHEETS	
STRUCTURE AND BRIDGE REPAIR PLANS		
1 - 27	STRUCTURE AND BRIDGE PLANS	
UTILITY PLANS		
1	UTILITY GENERAL NOTES	
2	UTILITY TRACKING REPORT	
3 - 25	UTILITY PLAN SHEETS	

RETAINING WALL PLANS	
57	RETAINING WALL GENERAL NOTES
58(1) - 58(7)	RETAINING WALL LOCATION MAP SHEETS
59(1) - 90	RETAINING WALL PLAN AND PROFILE SHEETS
TTMS PLANS	
CCIA - CC(HB)	TOLL & TRAFFIC MANAGEMENT SHEETS

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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<p style="text-align: center;">SCALE</p>	<p style="text-align: center;">PROJECT</p> <p style="text-align: center;">0495-029-419</p>	<p style="text-align: center;">SHEET NO.</p> <p style="text-align: center;">1B(2)</p>
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Btce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

RIGHT OF WAY DATA

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	1C(1)

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

City/County: FAIRFAX COUNTY
UPC No.: 113414

PARCEL NO.	TAX MAP ID.	LANDOWNER	SHEET NO.	AREA (Areas greater than or equal to 1 acre will be shown in acres to 3 decimal places (x.xxx). Areas less than 1 acre will be shown to square feet (x,xxx).)								
				TOTAL	FEE TAKING	PRESCRIPTIVE R/W	FEE REMAINDER	EASEMENTS				PROFFERS
								PERMANENT	UTILITY	TEMPORARY	TEMPORARY (ENTRANCES)	
				ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	YES / NO
001	030-1 02 0005	ANASTASIA SHISHKINA & ALI-REZA NOURI-MESBAHI	21	2.107 AC	0.028 AC		2.079 AC	1737 SQ. FT.	TBD	TBD		
002	030-1 02 0031	HARVEST HOLDINGS LLC.	21	1.024 AC	0.007 AC		1.017 AC	2661 SQ. FT.	TBD	TBD		
003	030-1 02 0051	DEAN M. NEWCOMB & NOELL K. EDER. CO-TRUSTEES	21	0.772 AC	0 AC		0.772 AC	TBD	TBD	TBD		
004	030-1 02 0052	WILLIAM FRANKLIN JOHNSTON, JR. & MARGARET A. PLACENTRA	21, 8	1.33 AC	0 AC		1.33 AC	TBD	TBD	TBD		
005	030-1 02 0053	PARKER F. SCHOFIELD, TRUSTEE & LAN N. SCHOFIELD, TRUSTEE	21, 8	1.427 AC	0 AC		1.427 AC	TBD	TBD	TBD		
006	021-3 01 0038	ANITA M. HERRERA, TRUSTEE	21	1 AC	0 AC		1 AC	TBD	TBD	TBD		
007	021-3 13 0003	CHANG UK YI & NEGAR S. TEHRANI	21	33742 SQ. FT.	0 SQ. FT.		33742 SQ. FT.	TBD	TBD	TBD		
008	021-3 13 0004	MARCIA P. LEIMKUHLE, TRUSTEE & JAMES W. LEIMKUHLE, TRUSTEE	21	32284 SQ. FT.	0 SQ. FT.		32284 SQ. FT.	TBD	TBD	TBD		
009	021-3 13 A	ROYAL EMBASSY OF SAUDI ARABIA	21	30637 SQ. FT.	0 SQ. FT.		30637 SQ. FT.	TBD	TBD	TBD		
010	021-3 01 0040	SEDELTA D. VERBLE & GHAREMON SULEYMON	21	0.422 AC	0 AC		0.422 AC	1911 SQ. FT.	TBD	TBD		
011	021-3 01 0072A	PATRICK O. MCGAREY & BARBARA M. MCGAREY	21	48602 SQ. FT.	0 SQ. FT.		48602 SQ. FT.	7160 SQ. FT.	TBD	TBD		
012	021-301 0072D	PRANAY PRAKASH & PREETIKUMAR	21, 8	49733 SQ. FT.	733 SQ. FT.		49000 SQ. FT.	8678 SQ. FT.	TBD	TBD		
013	021-3 01 0072C	CHARNG LIU & MARY DEEM	21, 8	63830 SQ. FT.	1825 SQ. FT.		62005 SQ. FT.	13122 SQ. FT.	TBD	TBD		
014	021-3 10 0054A	JOSEPH T. BAKER & IRENE I. BAKER	8	27238 SQ. FT.	0 SQ. FT.		27238 SQ. FT.	4883 SQ. FT.	TBD	TBD		
015	021-3 10 0057A	LESLIE MURPHY, TRUSTEE & DIANE E. MURPHY, TRUSTEE	8	25765 SQ. FT.	0 SQ. FT.		25765 SQ. FT.	1554 SQ. FT.	TBD	TBD		
016	021-3 10 0058A	MICHAEL TERINSKY	8, 9	20166 SQ. FT.	0 SQ. FT.		20166 SQ. FT.	TBD	TBD	TBD		
017	021-3 10 0059A	RAJ I. RANA	9	26998 SQ. FT.	0 SQ. FT.		26998 SQ. FT.	TBD	TBD	TBD		
018	021-3 10 0061	KARUNA SHINSO, TRUSTEE	9	21953 SQ. FT.	0 SQ. FT.		21953 SQ. FT.	TBD	TBD	TBD		
019	021-3 10 0062	ERIC A. LEVINE & KRISTYN M. LEVINE	9	23472 SQ. FT.	0 SQ. FT.		23472 SQ. FT.	TBD	TBD	TBD		
020	021-3 15 0001	PIO F. POBLETE & CRISTINA L. POBLETE	9	24224 SQ. FT.	0 SQ. FT.		24224 SQ. FT.	TBD	TBD	TBD		
021	021-3 15 0002	GARY THOMAS & DONNA L. THOMAS	9	20185 SQ. FT.	0 SQ. FT.		20185 SQ. FT.	TBD	TBD	TBD		
022	021-3 15 0003	YONG KYU YOON & HAE SOOK YOON	9	20198 SQ. FT.	0 SQ. FT.		20198 SQ. FT.	TBD	TBD	TBD		
023	021-3 15 0004	JINSOO LEE & WOOLJA LEE	9	23555 SQ. FT.	0 SQ. FT.		23555 SQ. FT.	TBD	TBD	TBD		
024	021-3 01 0050	TRUSTEES FOR MCLEAN PRESBYTERIAN CHURCH	9,10	2.8969 AC	0 AC		2.8969 AC	4597 SQ. FT.	TBD	TBD		
025	021-3 01 0051	TRUSTEES FOR MCLEAN PRESBYTERIAN CHURCH	10	3.2424 AC	0 AC		3.2424 AC	TBD	TBD	TBD		
026	021-3 01 0053	MCLEAN PRESBYTERIAN CHURCH	10	22968 SQ. FT.	0 SQ. FT.		22968 SQ. FT.	TBD	TBD	TBD		
027	021-3 01 0065	MUNTER F. ALRABAN	23	24400 SQ. FT.	0 SQ. FT.		24400 SQ. FT.	TBD	TBD	TBD		
028	021-3 01 0056A	TRINITY GROUP, LLC	11, 12, 23	5.4598 AC	0.444 AC		5.0158 AC	24477 SQ. FT.	TBD	TBD		
029	021-1 02 0056A	JOHN A. LECHUS & LINDA F. LECHUS	12, 13	73474 SQ. FT.	1119 SQ. FT.		62355 SQ. FT.	3044 SQ. FT.	TBD	TBD		
030	021-1 02 0054A1	GEORGE GARNER & SAMANTHA GARNER	13	79196 SQ. FT.	6064 SQ. FT.		73132 SQ. FT.	1536 SQ. FT.	TBD	TBD		
031	021-2 03 0038	VEENA RAILAN	13	41303 SQ. FT.	0 SQ. FT.		41303 SQ. FT.	TBD	TBD	TBD		
032	021-2 03 0039	PING ZHOU & HENGXIANG YANG	13	42595 SQ. FT.	0 SQ. FT.		42595 SQ. FT.	TBD	TBD	TBD		

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PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Btca Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

RIGHT OF WAY DATA

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	1C(2)

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

City/County: FAIRFAX COUNTY
UPC No.: 113414

PARCEL NO.	TAX MAP ID.	LANDOWNER	SHEET NO.	AREA (Areas greater than or equal to 1 acre will be shown in acres to 3 decimal places (x.xxx). Areas less than 1 acre will be shown to square feet (x,xxx).)								
				TOTAL	FEE TAKING	PRESCRIPTIVE R/W	FEE REMAINDER	EASEMENTS				PROFFERS
								PERMANENT	UTILITY	TEMPORARY	TEMPORARY (ENTRANCES)	
				ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	YES / NO
033	021-2 03 0093R	CHRISTINA KANO	13	39225 SQ. FT.	0 SQ. FT.		39225 SQ. FT.	TBD	TBD	TBD		
034	021-2 03 0094R	VINEET VENUGOPAL & MADHAVILATHA MENON	13	45830 SQ. FT.	4658 SQ. FT.		41172 SQ. FT.	5728 SQ. FT.	TBD	TBD		
035	021-2 03 0095R	LABIB JOSEPH CHAMAS, TRUSTEE	13, 14	30382 SQ. FT.	3983 SQ. FT.		26399 SQ. FT.	2423 SQ. FT.	TBD	TBD		
036	021-2 03 0097R	RUKIYE YUCEL & ERCAN YUCEL	13, 14	25055 SQ. FT.	3258 SQ. FT.		21797 SQ. FT.	4181 SQ. FT.	TBD	TBD		
037	021-2 03 0098R	ANDREW CHURCHILL & TRACEY CHURCHILL	14, 24	23945 SQ. FT.	1367 SQ. FT.		22578 SQ. FT.	5571 SQ. FT.	TBD	TBD		
038	021-2 03 0099R	ALICE X. YANG & STEVEN P. ZHOU	24	23945 SQ. FT.	0 SQ. FT.		23945 SQ. FT.	1033 SQ. FT.	TBD	TBD		
039	021-2 03 A2	SARKIS SATIAN, TRUSTEE	24	46399 SQ. FT.	0 SQ. FT.		46399 SQ. FT.	74 SQ. FT.	TBD	TBD		
040	021-2 03 A1	ANDREW G. BRANIFF & MIMIF. BRANIFF	24	61864 SQ. FT.	0 SQ. FT.		61864 SQ. FT.	TBD	TBD	TBD		
041	029-2 12 A	TIMBERLY SOUTH HOMEOWNER'S ASSOCIATION	5, 6	4.1167 AC	0.536 AC		3.5807 AC	20293 SQ. FT.	TBD	TBD		
042	029-2 12 0084	MICHAL C. SMOYER & JENNIFER A. SMOYER	5, 6	16066 SQ. FT.	0 SQ. FT.		16066 SQ. FT.	TBD	TBD	TBD		
043	029-2 12 0005	JUNUIS S. MORGAN & PATRICIA M. MORGAN	6	12738 SQ. FT.	0 SQ. FT.		12738 SQ. FT.	TBD	TBD	TBD		
044	029-2 12 C	TIMBERLY SOUTH HOMEOWNER'S ASSOCIATION	6	3.6821 AC	0.36 AC		3.3221 AC	11307 SQ. FT.	TBD	TBD		
045	030-1 21 0035	MATHEW J. GIBNEY, III, TRUSTEE & SHEILA A. GIBNEY, TRUSTEE	6	13620 SQ. FT.	0 SQ. FT.		13620 SQ. FT.	TBD	TBD	TBD		
046	030-1 21 0034	MAGDA KANDIL MOHAMMED SARHAN	6	12784 SQ. FT.	0 SQ. FT.		12784 SQ. FT.	TBD	TBD	TBD		
047	030-1 21 0033	GEOFFREY TOKAJER & ERIN TOKAJER	6	10700 SQ. FT.	0 SQ. FT.		10700 SQ. FT.	TBD	TBD	TBD		
048	030-1 21 0032	RAJAT VARDHAN & ADITIVARDHAN	6	10501 SQ. FT.	0 SQ. FT.		10501 SQ. FT.	TBD	TBD	TBD		
049	030-1 21 0031	KEH-CHUN LEU, TRUSTEE & LUNGCHING CHIAO, TRUSTEE	6	10501 SQ. FT.	0 SQ. FT.		10501 SQ. FT.	TBD	TBD	TBD		
050	030-1 21 0030	CHRISTOPHER D. PAKSTYS, TRUSTEE & KIMBERLY CLARK PAKSTYS, TRUSTEE	6	10564 SQ. FT.	0 SQ. FT.		10564 SQ. FT.	TBD	TBD	TBD		
051	030-1 21 0029	GREGORY J. WAGNER & ELAINE C. WAGNER	6, 7	15357 SQ. FT.	0 SQ. FT.		15357 SQ. FT.	TBD	TBD	TBD		
052	030-1 21 0028	ARTHUR OI-SHUI CHIU & NANCY HWA CHIU	6, 7	16649 SQ. FT.	0 SQ. FT.		16649 SQ. FT.	TBD	TBD	TBD		
053	030-1 15 A	THE FAIRFAX COUNTY PARK AUTHORITY	7	6.536 AC	0 AC		6.536 AC	TBD	TBD	TBD		
054	030-1 01 0064C	OLD DOMINION ESTATES LLC	7	2.6083 AC	0.206 AC		2.4023 AC	17399 SQ. FT.	TBD	TBD		
055	030-1 01 0064D	1160 DOMINION LLC	7	1.0004 AC	0 AC		1.0004 AC	21061 SQ. FT.	TBD	TBD		
056	030-1 01 0064E	1156 DOMINION LLC	7, 8	1.0923 AC	0 AC		1.0923 AC	6069 SQ. FT.	TBD	TBD		
057	021-3 01 0033D	1150 DOMINION LLC	7, 8, 20	1.0923 AC	0 AC		1.0923 AC	898 SQ. FT.	TBD	TBD		
058	030-1 21 D	TIMBERLY SOUTH HOMEOWNER'S ASSOCIATION	6	5.5451 AC	0.058 AC		5.4871 AC	1521 SQ. FT.	TBD	TBD		
059	021-3 01 0033A	HUMAM K. ALATHARI & TANIA ALCHALABI	8, 20	60889 SQ. FT.	0 SQ. FT.		60889 SQ. FT.	3713 SQ. FT.	TBD	TBD		
060	021-3 01 0033B	SUSAN A. HOLLEY & ROBERT R. TOMES	20	44590 SQ. FT.	0 SQ. FT.		44590 SQ. FT.	2254 SQ. FT.	TBD	TBD		
061	021-3 21 0001A	DEBORAH ROBINSON	20	36058 SQ. FT.	0 SQ. FT.		36058 SQ. FT.	TBD	TBD	TBD		
062	021-3 01 0023A	URSULA SADUK	20	98075 SQ. FT.	0 SQ. FT.		98075 SQ. FT.	TBD	TBD	TBD		
063	021-3 01 0035A	ROBERT A. JAFFE, TRUSTEE & DEBORAH A. DEMASI, TRUSTEE	20	43575 SQ. FT.	0 SQ. FT.		43575 SQ. FT.	TBD	TBD	TBD		
064	021-3 01 0035B	WILLIAM R. CHARYK & CHOON L. CHARYK	20	43562 SQ. FT.	0 SQ. FT.		43562 SQ. FT.	356 SQ. FT.	TBD	TBD		

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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Btce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

RIGHT OF WAY DATA

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	1C(3)

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

City/County: FAIRFAX COUNTY
UPC No.: 113414

PARCEL NO.	TAX MAP ID.	LANDOWNER	SHEET NO.	AREA (Areas greater than or equal to 1 acre will be shown in acres to 3 decimal places (x.xxx). Areas less than 1 acre will be shown to square feet (x,xxx).)								
				TOTAL	FEE TAKING	PRESCRIPTIVE R/W	FEE REMAINDER	EASEMENTS				PROFFERS
								PERMANENT	UTILITY	TEMPORARY	TEMPORARY (ENTRANCES)	
				ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	ACRES OR SQ. FEET	YES / NO
065	021-3 01 0035C	DACHAO RUAN & ANABELA NOGUEIRA DO ESPIRITO SANTO	8, 20	39205 SQ. FT.	0 SQ. FT.		39205 SQ. FT.	1193 SQ. FT.	TBD	TBD		
066	021-3 01 0035	SUSAN BOOTH CASSIDY & JAMES JOSEPH CASSIDY	8, 20	44667 SQ. FT.	0 SQ. FT.		44667 SQ. FT.	9022 SQ. FT.	TBD	TBD		
067	021-3 12 A	SCOTT'S RUN HOMEOWNERS ASSOCIATION	8, 20	545905 SQ. FT.	3621 SQ. FT.		542284 SQ. FT.	58686 SQ. FT.	TBD	TBD		
068	021-3 07 0030A	HAMID FALLAH-MOGHADDAM & TAHEREH GOLCHIN-NIKSIRAT	8, 9	5.644 AC	0 AC		5.644 AC	665 SQ. FT.	TBD	TBD		
069	021-3 10 C	WILLIAM F. JOHNSTON TRUSTEE & WILLIAM F. JOHNSTON, JR., TRUSTEE	8, 9	2.0189 AC	0 AC		2.0189 AC	40949 SQ. FT.	TBD	TBD		
070	021-3 01 0037	WILLIAM F. JOHNSTON TRUSTEE & WILLIAM F. JOHNSTON, JR., TRUSTEE	9	5.0566 AC	0 AC		5.0566 AC	5509 SQ. FT.	TBD	TBD		
071	021-3 01 0037A	VIRGINIA ELECTRIC AND POWER COMPANY	9	2.5 AC	0.191 AC		2.309 AC	TBD	TBD	TBD		
072	021-3 14 0001	WILLAM M. AMBLER & ELEANOR L. AMBLER	9, 10	61822 SQ. FT.	0 SQ. FT.		61822 SQ. FT.	TBD	TBD	TBD		
073	021-3 14 0002	WAJDIBUSTANI & SYLVIA BUSTANI	9, 10	52006 SQ. FT.	3950 SQ. FT.		48058 SQ. FT.	TBD	TBD	TBD		
074	021-3 14 0003	CRAIG A. TENNEY & SUSAN TENNEY	10	46331 SQ. FT.	2122 SQ. FT.		44209 SQ. FT.	TBD	TBD	TBD		
075	021-3 26 A	BEAUFORT PARK HOMEOWNERS ASSOCIATION, INC.	10, 11, 22	221876 SQ. FT.	15450 SQ. FT.		206426 SQ. FT.	16035 SQ. FT.	TBD	TBD		
076	021-3 26 B1	BEAUFORT PARK HOMEOWNERS ASSOCIATION, INC.	22	31260 SQ. FT.	0 SQ. FT.		31260 SQ. FT.	TBD	TBD	TBD		
077	021-3 23 0001	BARBARA B. REILLY	22	39021 SQ. FT.	0 SQ. FT.		39021 SQ. FT.	TBD	TBD	TBD		
078	021-3 23 0017	JEFFREY G. BLAIR, TRUSTEE & CHAU T. BLAIR, TRUSTEE	22	54598 SQ. FT.	3253 SQ. FT.		51345 SQ. FT.	3488 SQ. FT.	TBD	TBD		
079	021-1 01 0003	FAIRFAX COUNTY PARK AUTHORITY	12	328.6262 AC	1.038 AC		327.5882 AC	16283 SQ. FT.	TBD	TBD		
080	021-1 01 0007A	LANGLEY CLUB, INC.	12,13	1.3774 AC	0 AC		1.3774 AC	TBD	TBD	TBD		
081	021-1 01 0008A	LANGLEY CLUB, INC.	13	3.25 AC	0 AC		3.25 AC	1548 SQ. FT.	TBD	TBD		
082	021-1 05 0001	ANTONIO J. CACHAY & SYLVIA CACHAY	13	54538 SQ. FT.	0 SQ. FT.		54538 SQ. FT.	2219 SQ. FT.	TBD	TBD		
083	021-1 05 0002	JOANNE S. WYMAN	13	38131 SQ. FT.	0 SQ. FT.		38131 SQ. FT.	1526 SQ. FT.	TBD	TBD		
084	021-2 03 0026R1	HAYAT ALKHATEEB	15	62394 SQ. FT.	0 SQ. FT.		62394 SQ. FT.	TBD	TBD	TBD		
085	030-1 01 0013A	IRFAN BAIG MIRZA & FARZANA BEGUM	5, 6	5.687 AC	0 AC		5.687 AC	TBD	TBD	TBD		
086	030-1 33 D	THE PRESERVE AT SCOTTS RUN HOMEOWNERS ASSOCIATION	6, 7	400843 SQ. FT.	0 SQ. FT.		400843 SQ. FT.	2374 SQ. FT.	TBD	TBD		
087	021-2 01 0007	UNITED STATES OF AMERICA	15, 25	22.21467 AC	0 AC		22.21467 AC	TBD	TBD	TBD		
088	021-3 01 0007 2B	RAJAN ZUMOT & KATHY M. ZUMOT	8, 21	39417 SQ. FT.	0 SQ. FT.		39417 SQ. FT.	457 SQ. FT.	TBD	TBD		
089	021-1 01 0007	APRIL GEORGELAS	13	2.81669 AC	0 AC		2.81669 AC	969 SQ. FT.	TBD	TBD		
090	TBD	TBD	5	TBD	0 SQ. FT.		TBD	374 SQ. FT.	TBD	TBD		
091	TBD	TBD	8, 20	TBD	0 SQ. FT.		TBD	58 SQ. FT.	TBD	TBD		

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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

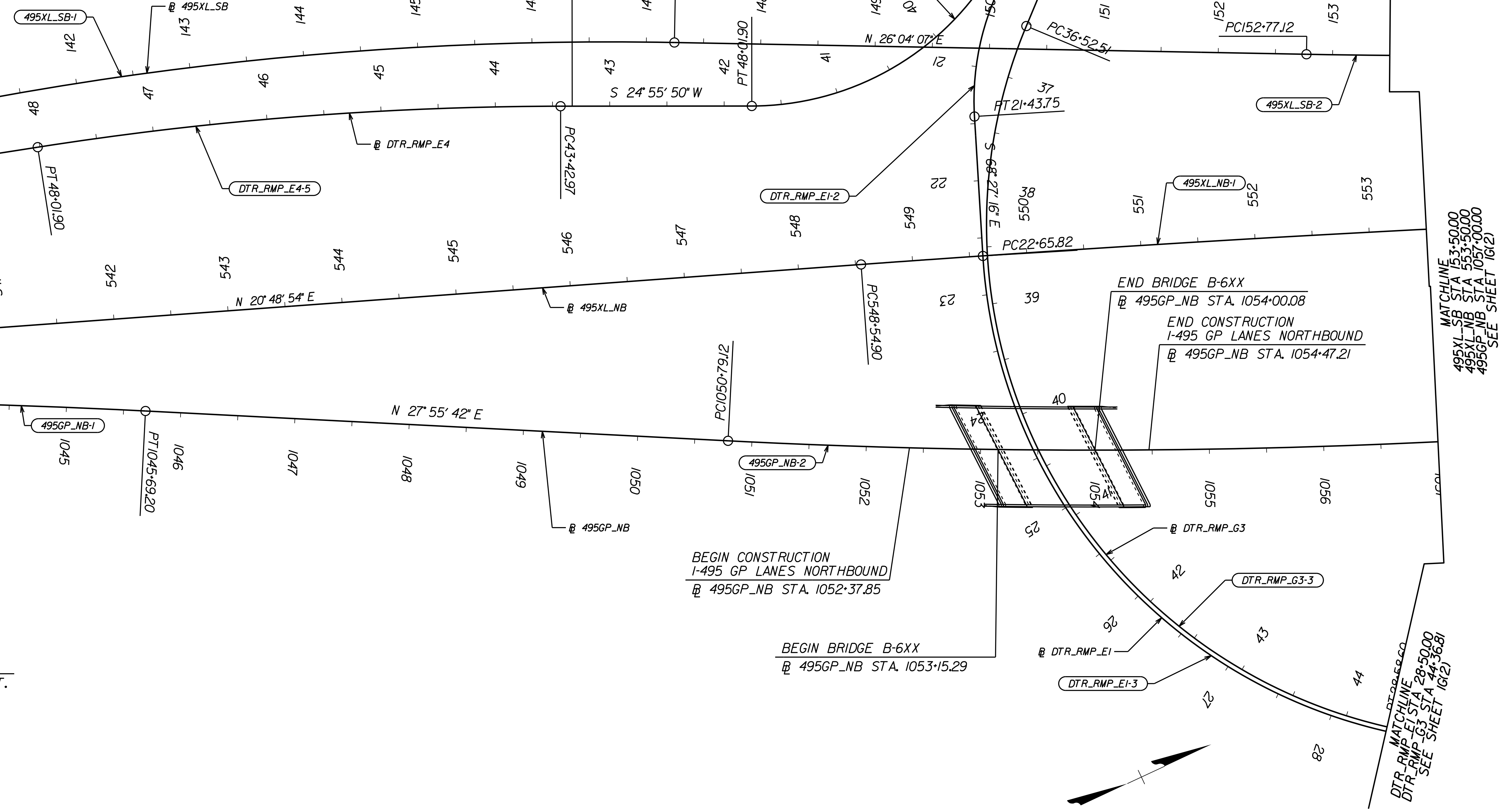
Curve DTR_RMP_E4-4
PI • 40.63.43
DELTA • 57° 48' 47.12" (RT)
D • 23' 17" 27"
T • 135.84'
L • 248.22'
R • 246.00'
PCC • 39.27.59
PT • 41.75.82
DESIGN SPEED • 30 MPH
e • 8.00%
Lr • 171'

Curve DTR_RMP_E4-5
PI • 45.72.89
DELTA • 8° 48' 42.92" (LT)
D • 1' 55" 12"
T • 229.92'
L • 458.93'
R • 2.984.00'
PC • 43.42.97
PT • 48.01.90

Curve DTR_RMP_EI-2
PI • 20.76.00
DELTA • 34° 52' 31.79" (LT)
D • 24' 54" 40"
T • 72.24'
L • 140.00'
R • 230.00'
PRC • 20.03.75
PT • 21.43.75
DESIGN SPEED • 30 MPH
e • 6.40%
Lr • 137'

Curve 495XL_SB-1
PI • 144.14.69
DELTA • 11° 49' 46.38" (RT)
D • 1' 54" 08"
T • 312.04'
L • 621.87'
R • 3.012.00'
PC • 141.02.64
PT • 147.24.51

Curve 495XL_SB-2
PI • 156.18.40
DELTA • 5° 21' 12.20" (LT)
D • 0' 47" 06"
T • 341.28'
L • 682.07'
R • 7.300.00'
PC • 152.77.12
PT • 159.59.19



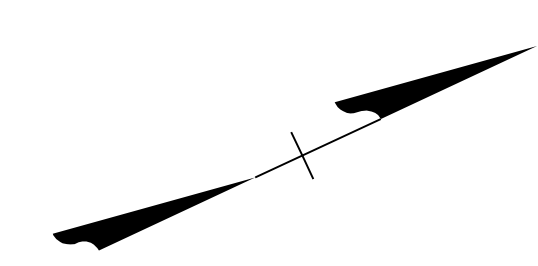
REVISION	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	1G(1)

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BEGIN @ 495XL_NB POT 538+60.56 •
@ 495GP_NB STA. 1042+03.04, 46.71' LT.

BEGIN CONSTRUCTION
I-495 GP LANES NORTHBOUND
@ 495GP_NB STA. 1052+37.85

BEGIN BRIDGE B-6XX
@ 495GP_NB STA. 1053+15.29



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Curve 495XL_NB-1
PI • 55.19.03
DELTA • 1° 19' 14.33" (RT)
D • 0' 15" 00"
T • 264.14'
L • 528.25'
R • 22.918.00'
PC • 548.54.90
PT • 553.83.15

Curve 495GP_NB-1
PI • 1043.39.89
DELTA • 3° 53' 44.16" (RT)
D • 0' 50" 57"
T • 229.49'
L • 458.80'
R • 6.748.00'
PC • 1041.10.40
PT • 1045.69.20

Curve 495GP_NB-2
PI • 1053.94.41
DELTA • 5° 47' 32.96" (LT)
D • 0' 55" 10"
T • 315.29'
L • 630.04'
R • 6.232.00'
PC • 1050.79.12
PT • 1057.09.17
DESIGN SPEED • 60 MPH
e • NC
Lr • N/A

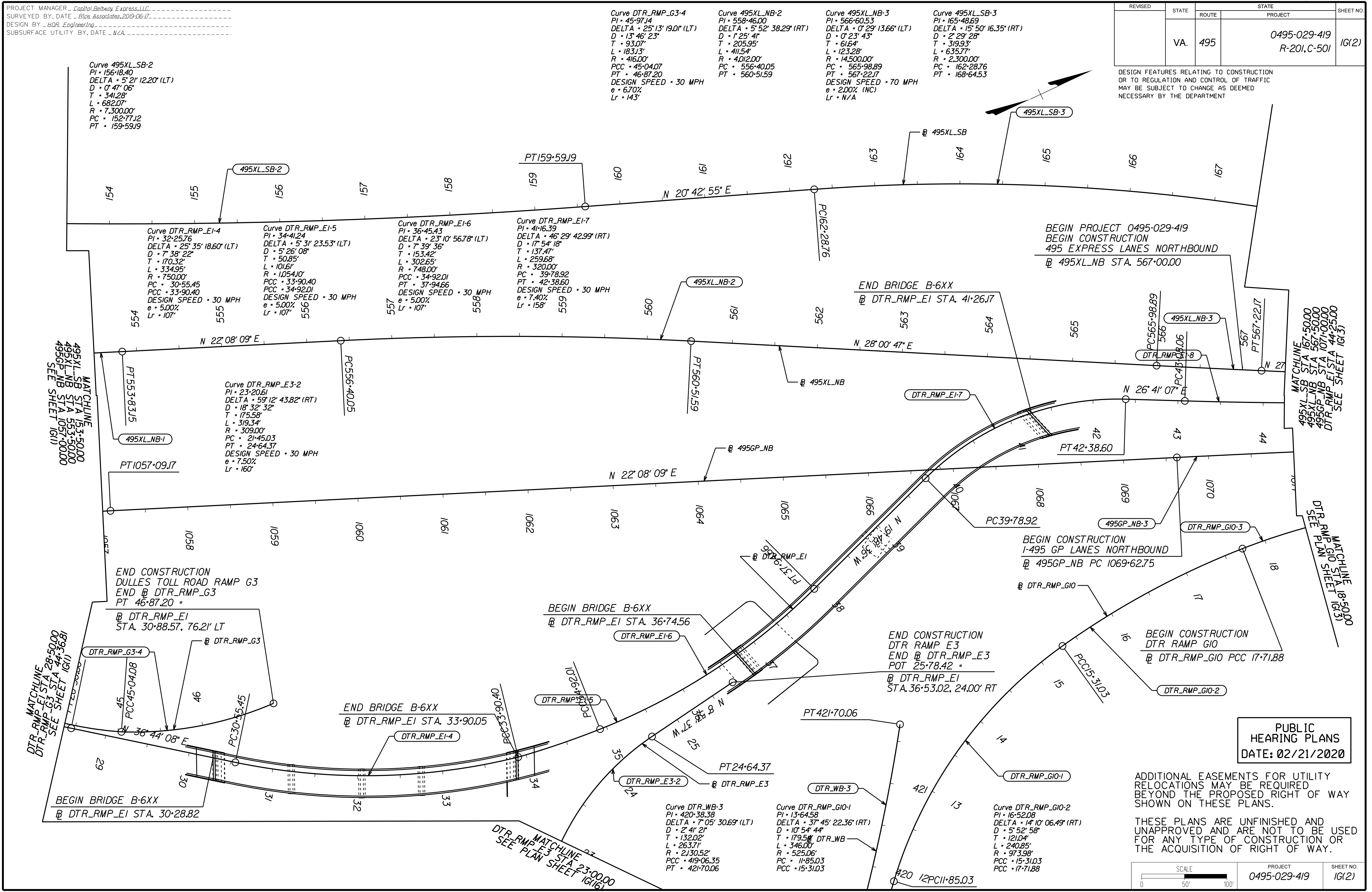
Curve DTR_RMP_G3-3
PI • 42.76.73
DELTA • 108° 25' 30.41" (LT)
D • 12' 43" 57"
T • 624.23'
L • 851.57'
R • 450.00'
PC • 36.52.51
PCC • 45.04.08
DESIGN SPEED • 30 MPH
e • 6.40%
Lr • 137'

Curve DTR_RMP_EI-3
PI • 26.12.99
DELTA • 7° 48' 36.38" (LT)
D • 12' 37" 13"
T • 347.17'
L • 592.78'
R • 454.00'
PC • 22.65.82
PT • 28.58.60
DESIGN SPEED • 30 MPH
e • 6.40%
Lr • 137'

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISION	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	1G(2)

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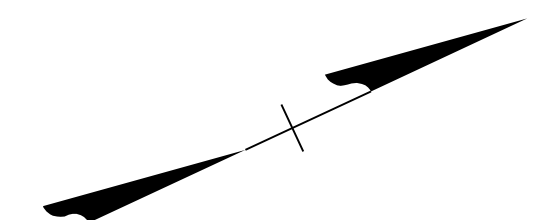
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rtca Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	1G(3)

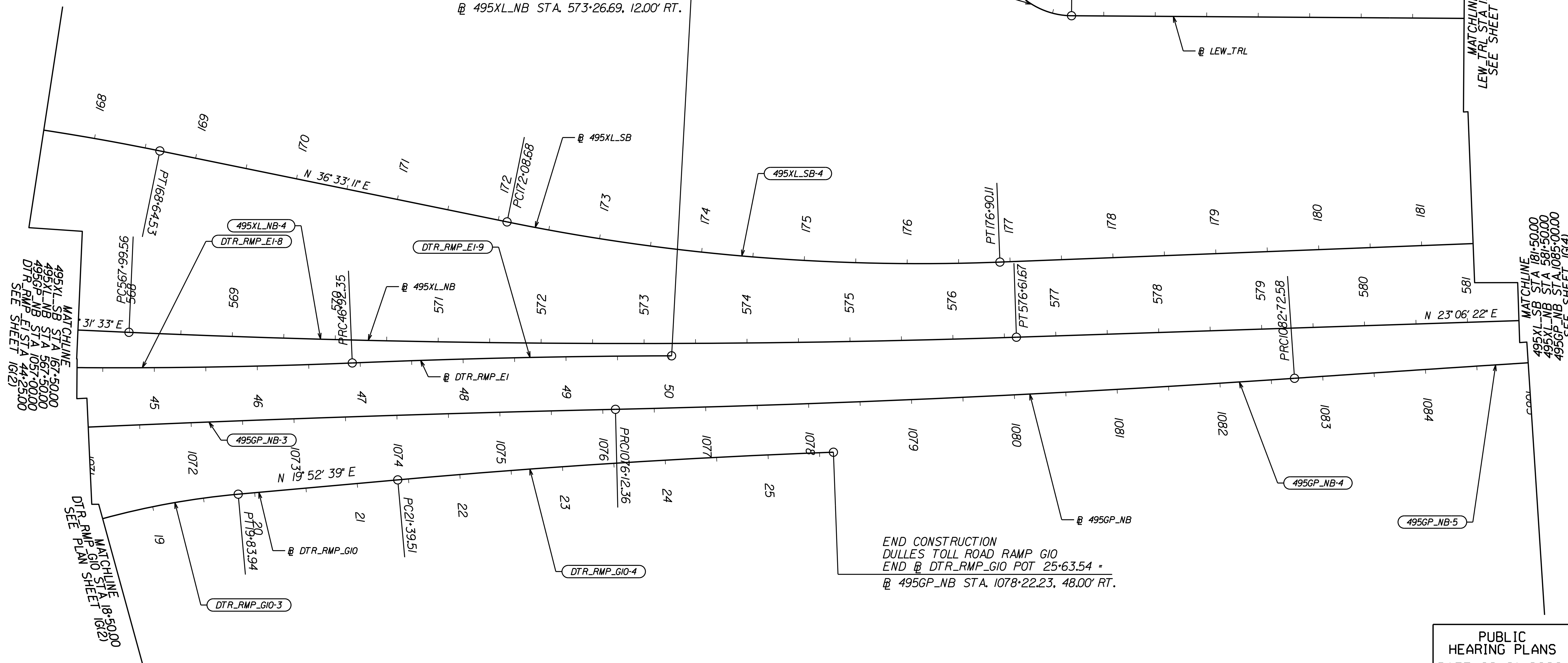
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

<p>Curve 495XL_SB-4 PI • 174°50.56 DELTA • 13°47' 30.39" (LT) D • 2° 51' 53" T • 241.88' L • 481.42' R • 2,000.00' PC • 172°08.68 PT • 176°90.11</p>	<p>Curve 495XL_NB-4 PI • 572°30.83 DELTA • 4° 25' 11.02" (LT) D • 0° 30' 46" T • 431.27' L • 862.10' R • 11,776.00' PC • 567°99.56 PT • 576°61.67 DESIGN SPEED • 70 MPH e • NC Lr • 60' (PC) Lr • 90' (PT)</p>	<p>Curve DTR_RMP_EI-8 PI • 45°00.29 DELTA • 4° 04' 11.53" (LT) D • 0° 03' 33" T • 192.22' L • 384.29' R • 5,410.00' PC • 43°08.06 PT • 46°92.35 DESIGN SPEED • 50 MPH e • 2.00% Lr • 57'</p>	<p>Curve DTR_RMP_EI-9 PI • 48°47.48 DELTA • 2° 12' 28.67" (RT) D • 0° 42' 42" T • 155.13' L • 310.22' R • 8,050.00' PC • 46°92.35 PT • 50°02.57 DESIGN SPEED • 50 MPH e • 2.00% Lr • 57'</p>	<p>Curve LEW_TRL-1 PI • 11°26.62 DELTA • 93° 39' 07.17" (LT) D • 77° 25' 36" T • 78.87' L • 120.96' R • 74.00' PC • 10°47.74 PT • 11°68.70 DESIGN SPEED • 20 MPH e • NC Lr • N/A</p>
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END CONSTRUCTION
DULLES TOLL ROAD RAMP EI
END @ DTR_RMP_EI PT 50°02.57 =
@ 495XL_NB STA. 573°26.69, 12.00' RT.

BEGIN CONSTRUCTION
LEWINSVILLE TRAIL
BEGIN @ LEW_TRL POT 10°12.68



END CONSTRUCTION
DULLES TOLL ROAD RAMP GIO
END @ DTR_RMP_GIO POT 25°63.54 =
@ 495GP_NB STA. 1078°22.23, 48.00' RT.

PUBLIC HEARING PLANS
DATE: 02/21/2020

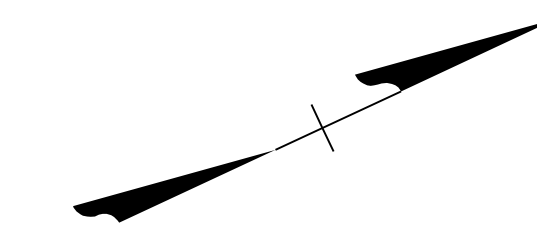
<p>Curve DTR_RMP_GIO-3 PI • 18°78.62 DELTA • 16° 11' 58.92" (RT) D • 7° 38' 22" T • 106.74' L • 212.05' R • 750.00' PCC • 17°71.88 PT • 19°83.94 DESIGN SPEED • 30 MPH e • 5.00% Lr • 107'</p>	<p>Curve DTR_RMP_GIO-4 PI • 23°51.57 DELTA • 2° 58' 51.36" (RT) D • 0° 42' 11" T • 212.06' L • 424.02' R • 8,150.00' PC • 21°39.51 PT • 25°63.54 DESIGN SPEED • 30 MPH e • 2.00% Lr • 45'</p>	<p>Curve 495GP_NB-3 PI • 107°28.57 DELTA • 1° 33' 05.79" (RT) D • 0° 14' 20" T • 324.83' L • 649.61' R • 23,988.00' PC • 106°62.75 PT • 107°61.236 DESIGN SPEED • 60 MPH e • NC Lr • N/A</p>	<p>Curve 495GP_NB-4 PI • 107°42.52 DELTA • 2° 36' 23.90" (LT) D • 0° 23' 41" T • 330.16' L • 660.22' R • 14,512.00' PC • 107°61.236 PT • 108°27.58 DESIGN SPEED • 60 MPH e • 2.00% (RC) Lr • 67'</p>	<p>Curve 495GP_NB-5 PI • 108°93.61 DELTA • 0° 54' 38.81" (RT) D • 0° 06' 29" T • 421.03' L • 842.05' R • 52,972.00' PC • 108°27.58 PT • 109°14.62 DESIGN SPEED • 70 MPH e • 2.00% (RC) Lr • 67'</p>
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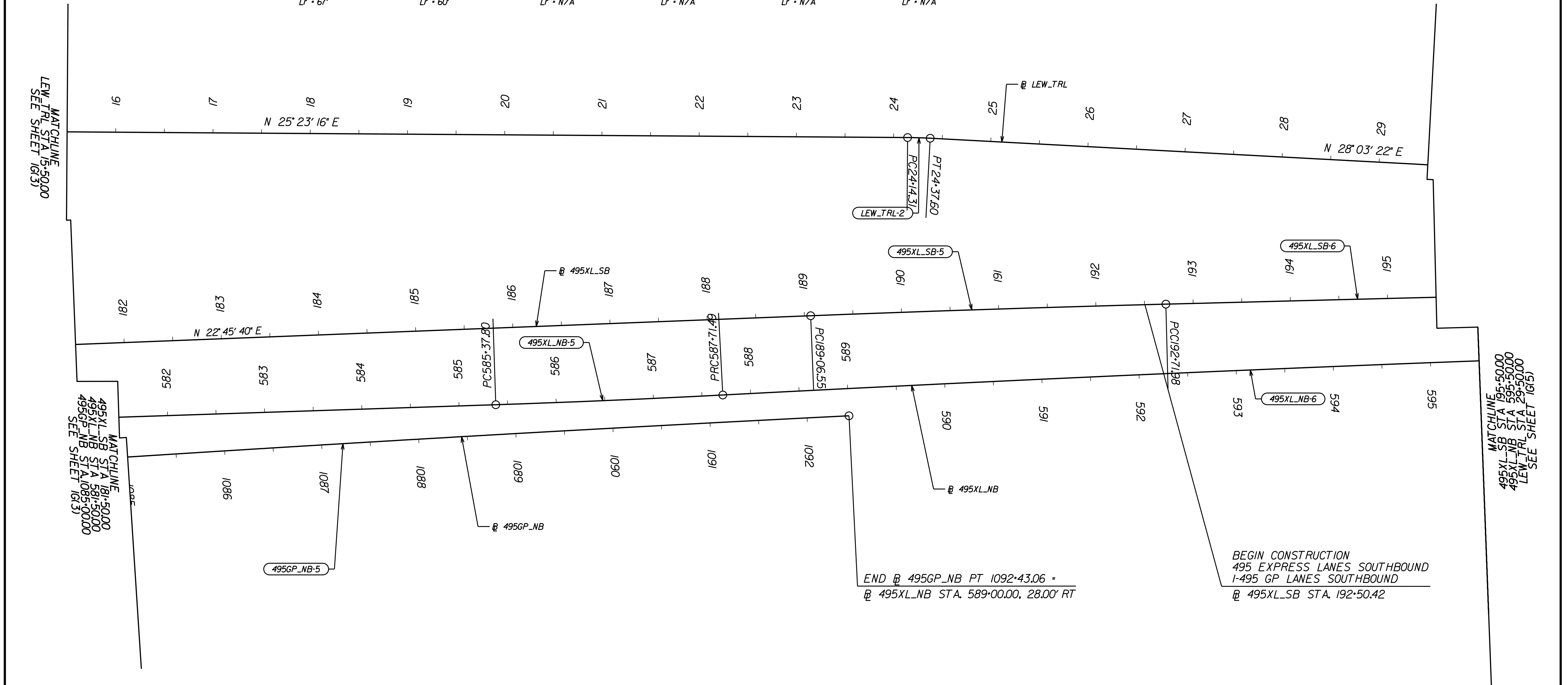
PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Btce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

Curve	Curve	Curve	Curve	Curve	Curve
Curve 495GP_NB-5 PI • 1086-93.61 DELTA • 0° 54' 38.8" (RT) D • 0' 06' 29" T • 421.03' L • 842.05' R • 52,972.00' PRC • 1082-72.58 PT • 1092-43.06 DESIGN SPEED • 60 MPH e • 2.00% (RC) Lr • 67'	Curve 495XL_NB-5 PI • 586-54.65 DELTA • 1° 06' 52.92" (LT) D • 0' 28' 37" T • 116.85' L • 233.70' R • 12,012.00' PC • 585-37.80 PRC • 587-71.49 DESIGN SPEED • 70 MPH e • 2.00% (RC) Lr • 60'	Curve 495XL_NB-6 PI • 598-40.82 DELTA • 2° 18' 42.03" (RT) D • 0' 06' 29" T • 1,069.32' L • 2,138.36' R • 53,000.00' PC • 587-71.49 PT • 609-09.85 DESIGN SPEED • 70 MPH e • NC Lr • N/A	Curve 495XL_SB-5 PI • 190-89.27 DELTA • 0° 44' 51.98" (RT) D • 0' 12' 17" T • 182.72' L • 365.43' R • 28,000.00' PC • 189-06.55 PCC • 192-71.98 DESIGN SPEED • 70 MPH e • NC Lr • N/A	Curve 495XL_SB-6 PI • 200-56.11 DELTA • 0° 17' 58.26" (RT) D • 0' 01' 08.75" T • 784.3' L • 1,568.26' R • 300,000.00' PC • 192-71.98 PT • 208-40.24 DESIGN SPEED • 70 MPH e • NC Lr • N/A	Curve LEW_TRL-2 PI • 24-25.96 DELTA • 2° 40' 06.24" (RT) D • 1' 27' 33" T • 11.65' L • 23.29' R • 500.00' PC • 24-14.31 PT • 24-37.60 DESIGN SPEED • 20 MPH e • NC Lr • N/A



REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	1G(4)

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



BEGIN CONSTRUCTION
495 EXPRESS LANES SOUTHBOUND
I-495 GP LANES SOUTHBOUND
@ 495XL_SB STA. 192+50.42

END @ 495GP_NB PT 1092+43.06 -
@ 495XL_NB STA. 589+00.00, 28.00' RT

PUBLIC HEARING PLANS
DATE: 02/21/2020

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PROJECT MANAGER Capital Beltway Express, LLC
 SURVEYED BY, DATE Rice Associates, 2019-06-17
 DESIGN BY HDR Engineering
 SUBSURFACE UTILITY BY, DATE N/A

Curve 495XL_NB-6
 PI = 598+40.82
 DELTA = 2° 18' 42.03" (RT)
 D = 0° 06' 29"
 T = 1069.32'
 L = 2138.36'
 R = 53000.00'
 PRC = 587-71.49
 PT = 609+09.85
 DESIGN SPEED = 70 MPH
 e = 2.00% (NC)
 Lr = N/A

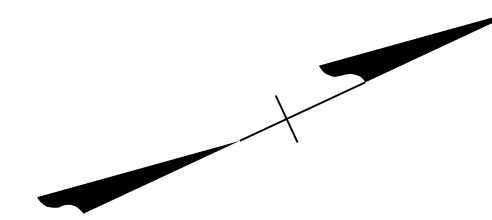
Curve LEW_TRL-3
 PI = 33+48.85
 DELTA = 4° 24' 55.82" (LT)
 D = 1° 27' 33"
 T = 19.28'
 L = 38.53'
 R = 500.00'
 PC = 33+29.57
 PRC = 33+68.11
 DESIGN SPEED = 20 MPH
 e = 2.00% (NC)
 Lr = N/A

Curve LEW_TRL-4
 PI = 38+07.59
 DELTA = 0° 10' 04.13" (RT)
 D = 0° 01' 09"
 T = 439.49'
 L = 878.97'
 R = 300105.38'
 PRC = 33+68.11
 PCC = 42+47.08
 DESIGN SPEED = 20 MPH
 e = 2.00% (NC)
 Lr = N/A

Curve LEW_TRL-5
 PI = 45+99.94
 DELTA = 7° 49' 44.54" (RT)
 D = 0° 15' 33"
 T = 352.86'
 L = 705.66'
 R = 22105.37'
 PCC = 42+47.08
 PCC = 49+52.75
 PT = 208+40.24
 DESIGN SPEED = 20 MPH
 e = 2.00% (NC)
 Lr = N/A

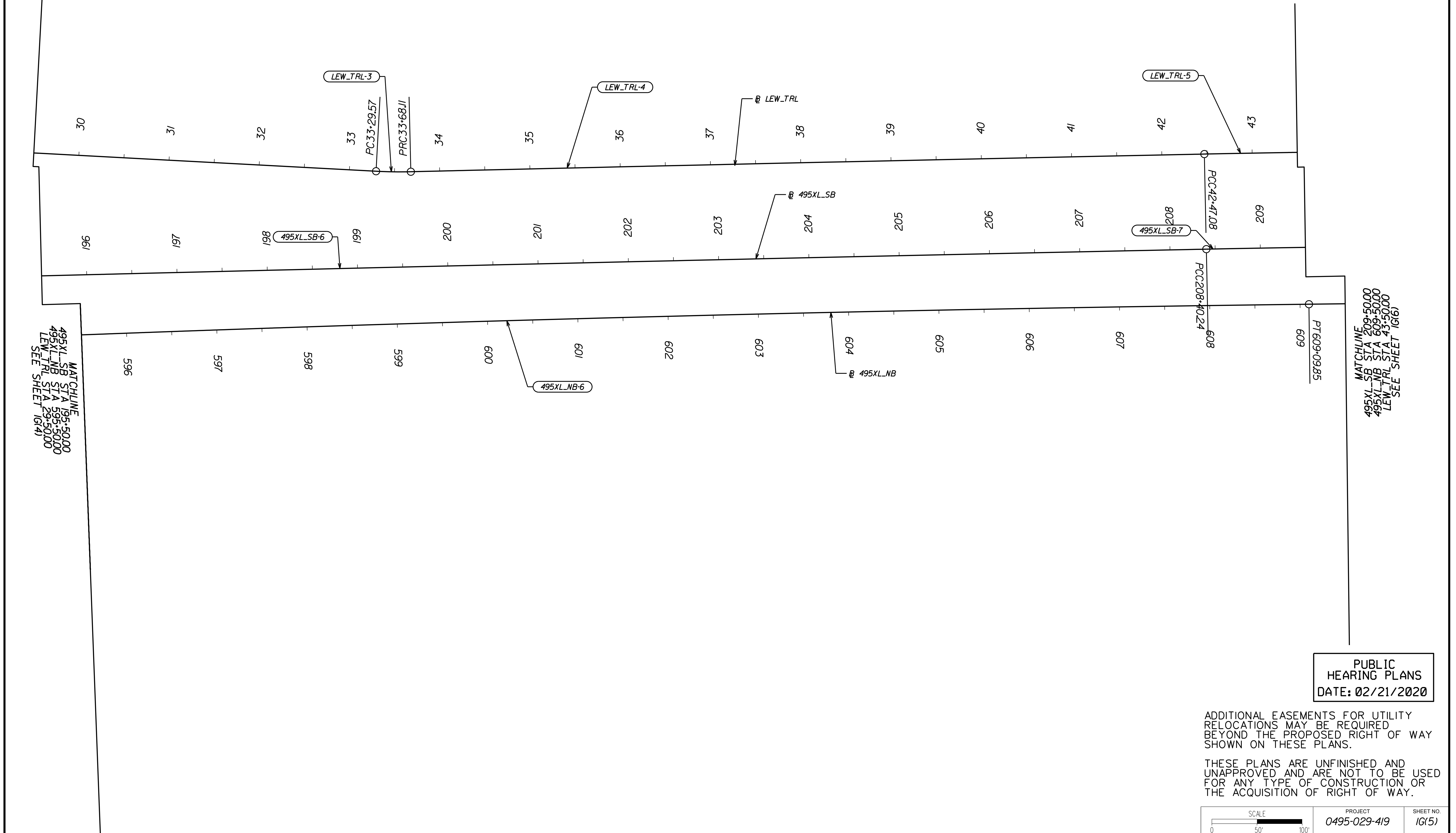
Curve 495XL_SB-6
 PI = 200+56.11
 DELTA = 0° 17' 58.26" (RT)
 D = 0° 01' 08.75"
 T = 784.13'
 L = 1568.26'
 R = 300000.00'
 PC = 192+71.98
 PT = 208+40.24
 DESIGN SPEED = 70 MPH
 e = NC
 Lr = N/A

Curve 495XL_SB-7
 PI = 211+91.42
 DELTA = 7° 49' 44.54" (RT)
 D = 0° 15' 38"
 T = 351.8'
 L = 702.30'
 R = 22000.00'
 PCC = 208+40.24
 PCC = 215+42.54
 DESIGN SPEED = 70 MPH
 e = NC
 Lr = N/A



REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	IG(5)

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



PUBLIC HEARING PLANS
DATE: 02/21/2020

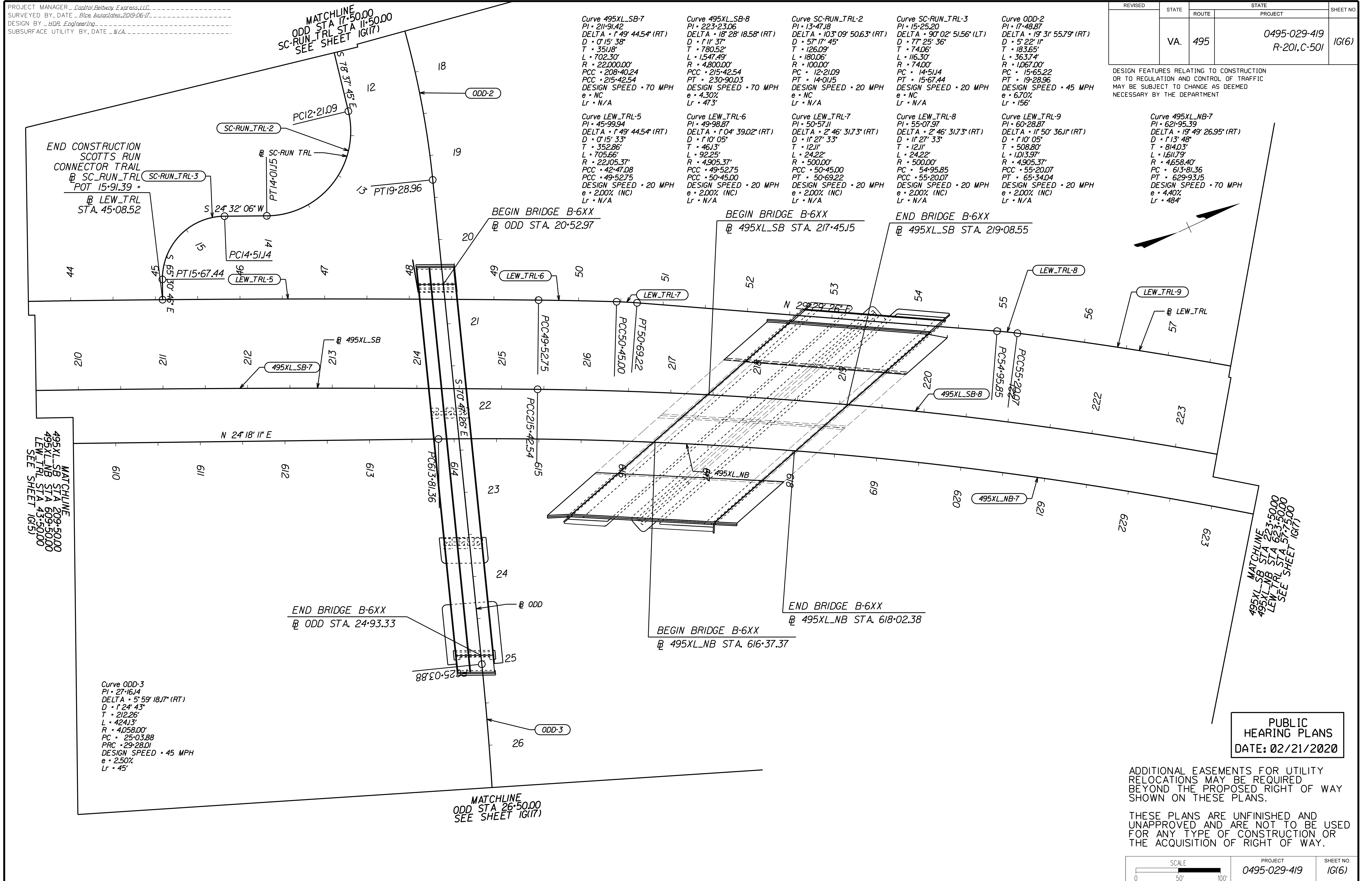
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PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Rice Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	1G(6)

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



Curve 495XL_SB-7
PI = 211.9142
DELTA = 149° 44.54' (RT)
D = 0' 15' 38"
T = 351.18'
L = 702.30'
R = 22,000.00'
PCC = 208.4024
PT = 215.4254
DESIGN SPEED = 70 MPH
e = NC
Lr = N/A

Curve 495XL_SB-8
PI = 223.2306
DELTA = 18° 28' 18.58" (RT)
D = 1' 11' 37"
T = 780.52'
L = 1547.49'
R = 4,800.00'
PCC = 215.4254
PT = 230.9003
DESIGN SPEED = 70 MPH
e = 4.30%
Lr = 473'

Curve SC_RUN_TRL-2
PI = 13.4718
DELTA = 103° 09' 50.63" (RT)
D = 57' 17' 45"
T = 126.09'
L = 180.06'
R = 100.00'
PC = 12.2109
PT = 14.0115
DESIGN SPEED = 20 MPH
e = NC
Lr = N/A

Curve SC_RUN_TRL-3
PI = 15.2520
DELTA = 90° 02' 51.56" (LT)
D = 77' 25' 36"
T = 74.06'
L = 116.30'
R = 74.00'
PC = 14.5114
PT = 15.6744
DESIGN SPEED = 20 MPH
e = NC
Lr = N/A

Curve ODD-2
PI = 17.4887
DELTA = 19° 31' 55.79" (RT)
D = 5' 22' 11"
T = 183.65'
L = 363.74'
R = 1,067.00'
PC = 15.6522
PT = 19.2896
DESIGN SPEED = 45 MPH
e = 6.70%
Lr = 156'

Curve LEW_TRL-5
PI = 45.9994
DELTA = 149° 44.54' (RT)
D = 0' 15' 33"
T = 352.86'
L = 705.66'
R = 22,005.37'
PCC = 42.4708
PT = 49.5275
DESIGN SPEED = 20 MPH
e = 2.00% (NC)
Lr = N/A

Curve LEW_TRL-6
PI = 49.9887
DELTA = 104° 39.02' (RT)
D = 1' 10' 05"
T = 461.3'
L = 92.25'
R = 4,905.37'
PCC = 49.5275
PT = 50.4500
DESIGN SPEED = 20 MPH
e = 2.00% (NC)
Lr = N/A

Curve LEW_TRL-7
PI = 50.5711
DELTA = 2° 46' 31.73" (RT)
D = 11' 27' 33"
T = 1211'
L = 24.22'
R = 500.00'
PC = 50.4500
PT = 50.6922
DESIGN SPEED = 20 MPH
e = 2.00% (NC)
Lr = N/A

Curve LEW_TRL-8
PI = 55.0797
DELTA = 2° 46' 31.73" (RT)
D = 11' 27' 33"
T = 1211'
L = 24.22'
R = 500.00'
PC = 54.9585
PT = 55.2007
DESIGN SPEED = 20 MPH
e = 2.00% (NC)
Lr = N/A

Curve LEW_TRL-9
PI = 60.2887
DELTA = 11° 50' 36.11" (RT)
D = 1' 10' 05"
T = 508.80'
L = 1,013.97'
R = 4,905.37'
PC = 61.38136
PT = 62.9315
DESIGN SPEED = 20 MPH
e = 2.00% (NC)
Lr = N/A

Curve 495XL_NB-7
PI = 621.9539
DELTA = 19° 49' 26.95" (RT)
D = 1' 13' 48"
T = 814.03'
L = 1,611.79'
R = 4,658.40'
PC = 613.8136
PT = 629.9315
DESIGN SPEED = 70 MPH
e = 4.40%
Lr = 484'

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

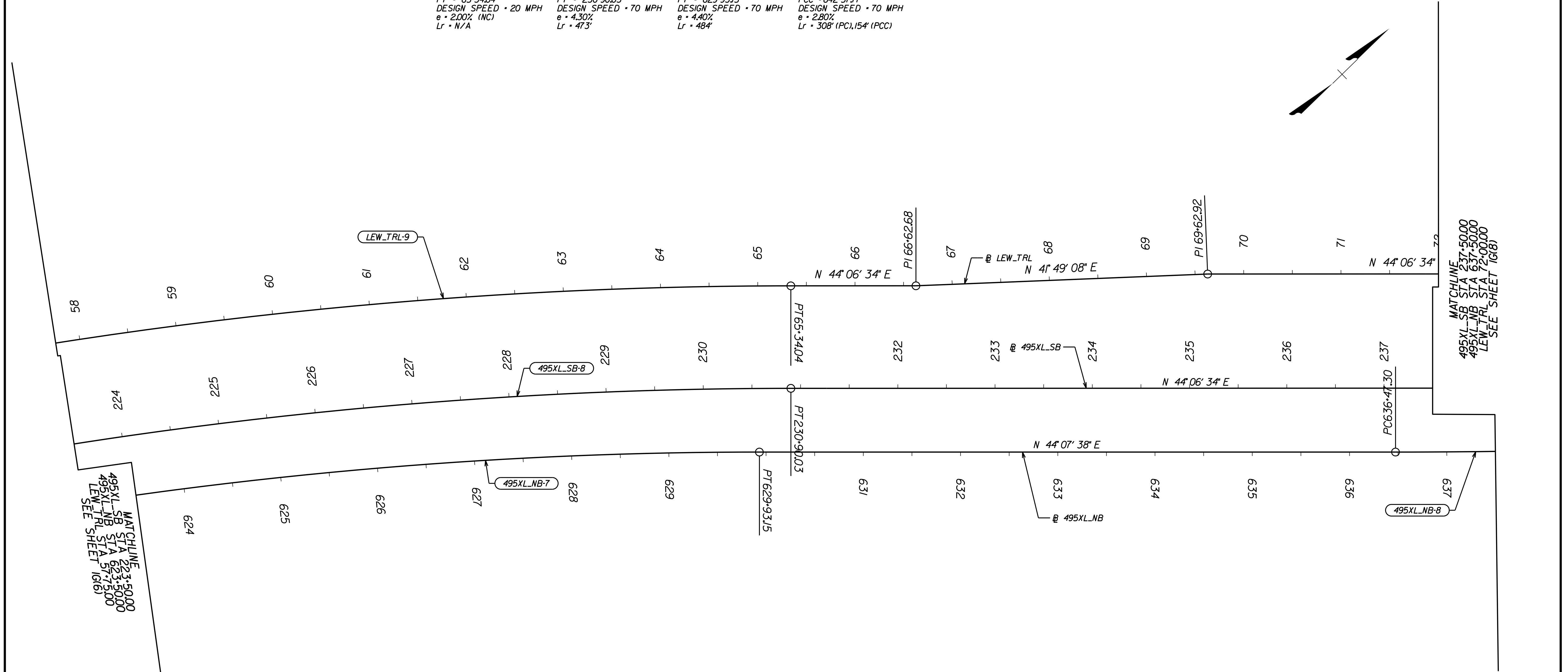
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	1G(7)

<p>Curve LEW_TRL-9 PI • 60°28'87" DELTA • 11°50'36.1" (RT) D • 1'10'05" T • 508.80' L • 1013.97' R • 4905.37' PCC • 55°20'07" PT • 65°34'04" DESIGN SPEED • 20 MPH e • 2.00% (NC) Lr • N/A</p>	<p>Curve 495XL_SB-8 PI • 223°23'06" DELTA • 18°28'18.58" (RT) D • 1'11'37" T • 780.52' L • 1547.49' R • 4800.00' PCC • 215°42'54" PT • 230°90'03" DESIGN SPEED • 70 MPH e • 4.30% Lr • 473'</p>	<p>Curve 495XL_NB-7 PI • 621°95'39" DELTA • 19°49'26.95" (RT) D • 1'13'48" T • 814.03' L • 1611.79' R • 4658.40' PC • 613°81'36" PT • 629°93'15" DESIGN SPEED • 70 MPH e • 4.40% Lr • 484'</p>	<p>Curve 495XL_NB-8 PI • 639°52'66" DELTA • 4°30'21.00" (LT) D • 0'44'17" T • 305.37' L • 610.42' R • 7762.00' PC • 636°47'30" PCC • 642°57'71" DESIGN SPEED • 70 MPH e • 2.80% Lr • 308' (PC), 154' (PCC)</p>
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DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



PUBLIC HEARING PLANS
DATE: 02/21/2020

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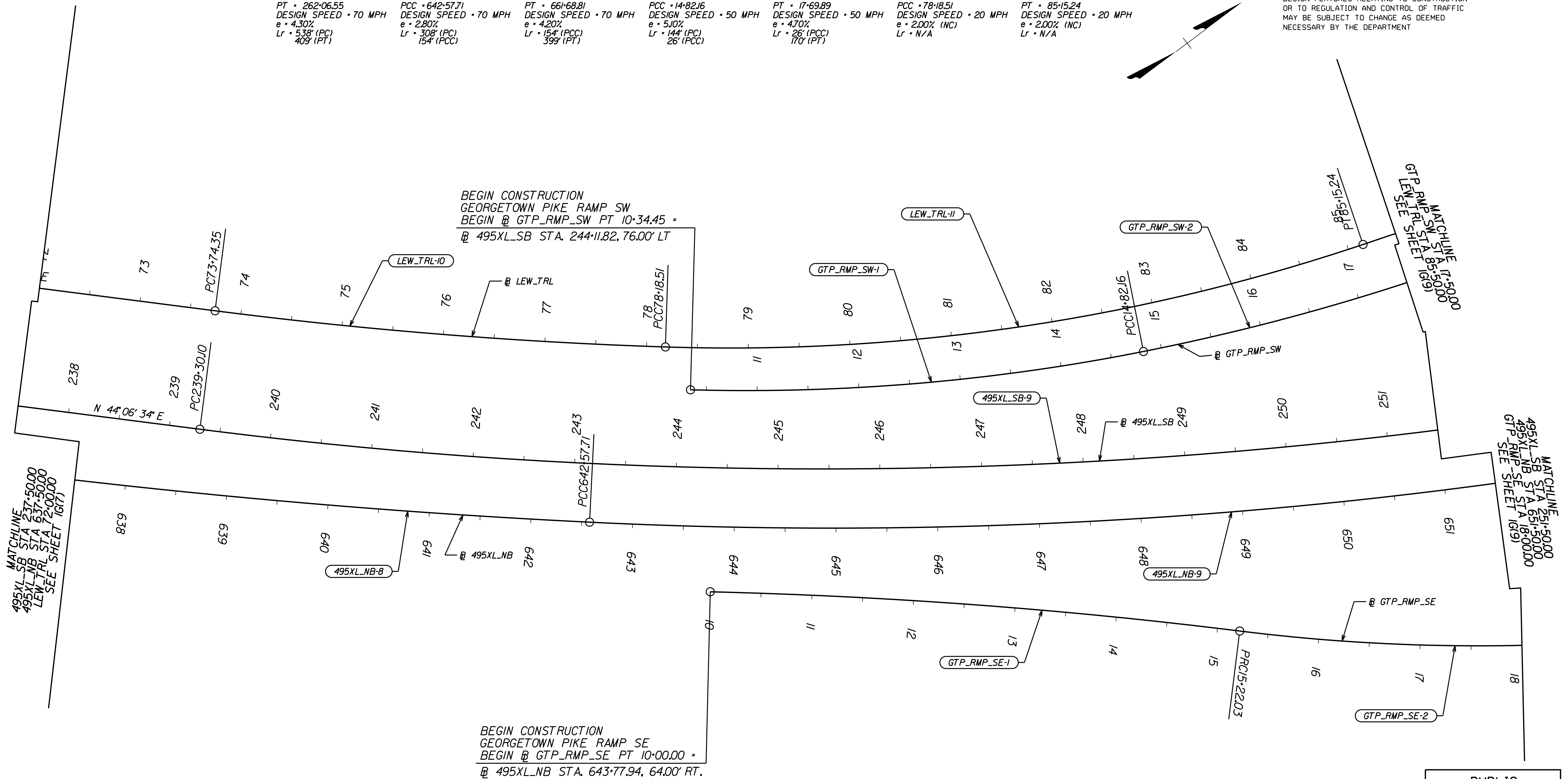
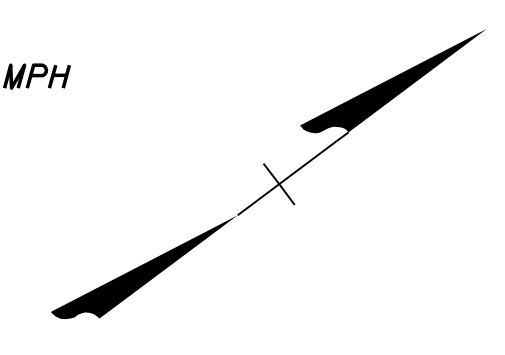
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

<p>Curve 495XL_SB-9 PI • 250+90.06 DELTA • 27° 06' 59.87" (LT) D • 1' 11" 28" T • 1159.96' L • 2,276.45' R • 4,810.00' PC • 239+30.10 PT • 262+06.55 DESIGN SPEED • 70 MPH e • 4.30% Lr • 538' (PC) 409' (PT)</p>	<p>Curve 495XL_NB-8 PI • 639+52.66 DELTA • 4° 30' 21.00" (LT) D • 0' 44' 17" T • 305.37' L • 610.42' R • 7,762.00' PC • 636+47.30 PT • 642+57.71 DESIGN SPEED • 70 MPH e • 2.80% Lr • 308' (PC) 154' (PCC)</p>	<p>Curve 495XL_NB-9 PI • 652+25.82 DELTA • 22° 34' 36.77" (LT) D • 1' 10' 53" T • 968.11' L • 1,911.00' R • 4,850.00' PCC • 642+57.71 PT • 661+68.81 DESIGN SPEED • 70 MPH e • 4.20% Lr • 154' (PCC) 399' (PT)</p>	<p>Curve GTP_RMP_SW-1 PI • 12+59.24 DELTA • 12° 47' 38.31" (LT) D • 2' 51' 28" T • 224.79' L • 447.71' R • 2,005.00' PC • 10+34.45 PT • 14+82.16 DESIGN SPEED • 50 MPH e • 5.10% Lr • 144' (PC) 26' (PCC)</p>	<p>Curve GTP_RMP_SW-2 PI • 16+26.22 DELTA • 7° 21' 45.15" (LT) D • 2' 33' 32" T • 144.06' L • 287.72' R • 2,239.09' PCC • 14+82.16 PT • 17+69.89 DESIGN SPEED • 50 MPH e • 4.70% Lr • 26' (PCC) 170' (PT)</p>	<p>Curve LEW_TRL-10 PI • 75+96.60 DELTA • 5° 25' 23.02" (LT) D • 1' 13' 16" T • 222.25' L • 444.16' R • 4,692.63' PC • 73+74.35 PT • 78+18.51 DESIGN SPEED • 20 MPH e • 2.00% (NC) Lr • N/A</p>	<p>Curve LEW_TRL-11 PI • 81+70.63 DELTA • 20° 28' 17.57" (LT) D • 2' 56' 18" T • 352.22' L • 696.73' R • 1,950.00' PCC • 78+18.51 PT • 85+15.24 DESIGN SPEED • 20 MPH e • 2.00% (NC) Lr • N/A</p>
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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	1G(8)

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



BEGIN CONSTRUCTION
GEORGETOWN PIKE RAMP SW
BEGIN @ GTP_RMP_SW PT 10+34.45 =
@ 495XL_SB STA. 244+11.82, 76.00' LT

BEGIN CONSTRUCTION
GEORGETOWN PIKE RAMP SE
BEGIN @ GTP_RMP_SE PT 10+00.00 =
@ 495XL_NB STA. 643+77.94, 64.00' RT.

MATCHLINE
495XL_SB STA 237+50.00
495XL_NB STA 637+50.00
LEW_TRL STA 72+00.00
SEE SHEET 1G(7)

MATCHLINE
495XL_SB STA 251+50.00
495XL_NB STA 651+50.00
GTP_RMP_SE STA 18+00.00
SEE SHEET 1G(9)

PUBLIC HEARING PLANS
DATE: 02/21/2020

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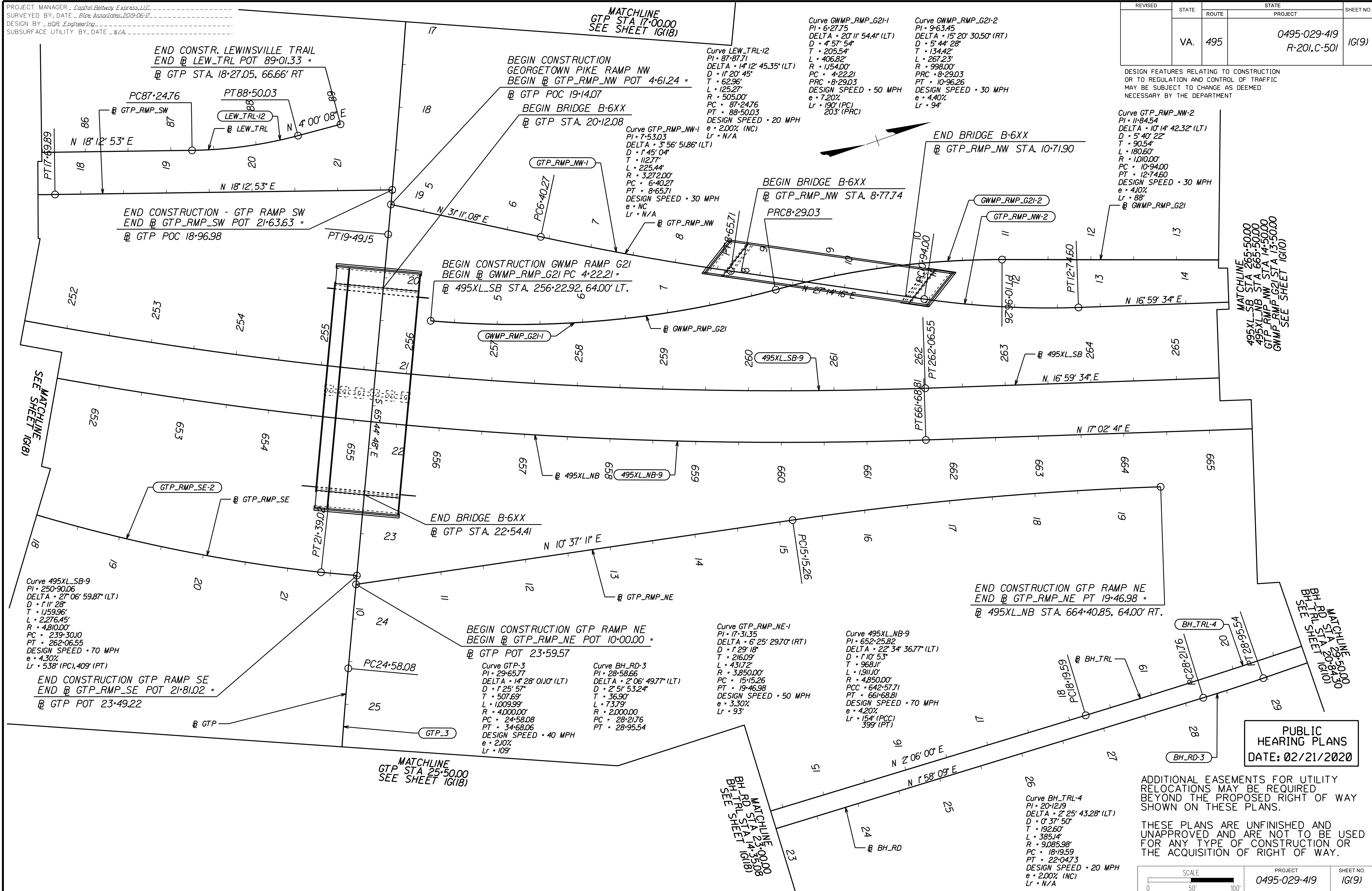
<p>Curve GTP_RMP_SE-1 PI • 12+61.23 DELTA • 5° 41' 49.61" (RT) D • 1' 05' 29" T • 261.23' L • 522.03' R • 5,250.00' PC • 10+00.00 PRC • 15+22.03 DESIGN SPEED • 50 MPH e • 2.30% Lr • 65'</p>	<p>Curve GTP_RMP_SE-2 PI • 18+33.26 DELTA • 18° 36' 21.67" (LT) D • 3' 00' 56" T • 311.24' L • 617.00' R • 1,900.00' PRC • 15+22.03 PT • 21+39.02 DESIGN SPEED • 50 MPH e • 5.20% Lr • 144'</p>
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BEGIN @ BH_RD POT 10+00.00

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rlce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	1G(9)

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



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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 1G(9)
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	16(10)

Curve 495XL-SB-10
PI • 275-88.40
DELTA • 38° 08' 51.00" (RT)
D • 3' 03" 50"
T • 646.59'
L • 1245.05'
R • 1870.00'
PC • 269-41.82
PCC • 281-86.86
DESIGN SPEED • 70 MPH
e • 8.00%
Lr • 760' (PC), 636' (PCC)

Curve 495XL-NB-10
PI • 675-78.40
DELTA • 43° 25' 53.26" (RT)
D • 2' 55" 24"
T • 780.58'
L • 1485.68'
R • 1959.94'
PC • 667-97.82
PT • 682-83.50
DESIGN SPEED • 70 MPH
e • 8.00%
Lr • 880'

Curve GWMP_RMP_G2I-3
PI • 24-47.69
DELTA • 37° 36' 06.92" (RT)
D • 3' 05" 13"
T • 631.87'
L • 1218.05'
R • 1856.00'
PC • 18-15.82
PT • 30-33.87
DESIGN SPEED • 30 MPH
e • 2.40%
Lr • 52'

Curve LOD-1
PI • 10-48.16
DELTA • 11° 52' 59.41" (LT)
D • 35' 22" 03.95"
T • 16.86'
L • 33.60'
R • 162.00'
PC • 10-25.00
PCC • 10-58.60
DESIGN SPEED • 15 MPH
e • NC
Lr • N/A

Curve LOD-2
PI • 11-39.64
DELTA • 152° 16' 30.86" (LT)
D • 286' 28" 44.03"
T • 81.04'
L • 53.15'
R • 200.00'
PCC • 10-58.60
PT • 11-11.75
DESIGN SPEED • 5 MPH
e • NC
Lr • N/A

Curve LOD-3
PI • 12-81.57
DELTA • 13° 41' 34.20" (RT)
D • 8' 11" 06.40"
T • 84.05'
L • 167.29'
R • 700.00'
PC • 11-97.53
PT • 13-64.82
DESIGN SPEED • 25 MPH
e • NC
Lr • N/A

Curve GTP_NW_SLIP-1
PI • 12-21.73
DELTA • 2° 05' 51.80" (LT)
D • 1' 45" 00"
T • 59.94'
L • 119.87'
R • 3274.00'
PC • 11-61.79
PT • 12-81.66
DESIGN SPEED • 30 MPH
e • 2.00%
Lr • 43'

Curve GTP_NW_SLIP-2
PI • 14-05.27
DELTA • 13° 49' 10.99" (RT)
D • 5' 37" 02"
T • 123.61'
L • 246.02'
R • 1020.00'
PRC • 12-81.66
PT • 15-27.68
DESIGN SPEED • 30 MPH
e • 3.40%
Lr • 43'

Curve GWMP_RMP_E2I-1
PI • 8-01.10
DELTA • 14° 55' 39.13" (RT)
D • 4' 11" 30"
T • 179.08'
L • 356.13'
R • 1366.93'
PC • 6-22.02
PT • 9-78.15
DESIGN SPEED • 60 MPH
e • 8.00%
Lr • 235' (PC), 251' (PT)

Curve GTP_RMP_NW-3
PI • 21-43.73
DELTA • 27° 58' 17.64" (RT)
D • 3' 49" 48"
T • 290.41'
L • 573.68'
R • 1496.00'
PC • 18-53.32
PT • 24-27.00
DESIGN SPEED • 50 MPH
e • 6.20%
Lr • 175'

Curve GWMP_RMP_G2I-3
PI • 10-48.16
DELTA • 11° 52' 59.41" (LT)
D • 35' 22" 03.95"
T • 16.86'
L • 33.60'
R • 162.00'
PC • 10-25.00
PCC • 10-58.60
DESIGN SPEED • 15 MPH
e • NC
Lr • N/A

Curve GTP_RMP_NW-3
PI • 12-81.57
DELTA • 13° 41' 34.20" (RT)
D • 8' 11" 06.40"
T • 84.05'
L • 167.29'
R • 700.00'
PC • 11-97.53
PT • 13-64.82
DESIGN SPEED • 25 MPH
e • NC
Lr • N/A

Curve BH_TRL-5
PI • 25-44.55
DELTA • 27° 27' 47.78" (RT)
D • 16' 22" 13"
T • 85.53'
L • 167.76'
R • 350.00'
PC • 24-59.02
PCC • 26-26.79
DESIGN SPEED • 20 MPH

Curve BH_TRL-6
PI • 28-26.90
DELTA • 12° 19' 02.50" (RT)
D • 3' 05" 22"
T • 200.12'
L • 398.69'
R • 1854.57'
PC • 26-26.79
PCC • 30-25.48
DESIGN SPEED • 20 MPH

Curve BH_TRL-7
PI • 30-55.52
DELTA • 46° 27' 17.27" (RT)
D • 8' 51" 04"
T • 30.04'
L • 56.76'
R • 70.00'
PC • 30-25.48
PRC • 30-82.23
DESIGN SPEED • 20 MPH

Curve BH_TRL-8
PI • 31-01.50
DELTA • 30° 46' 40.03" (LT)
D • 8' 51" 04"
T • 19.27'
L • 37.60'
R • 70.00'
PC • 30-82.23
PT • 31-19.84
DESIGN SPEED • 20 MPH

Curve BH_RD-4
PI • 34-14.62
DELTA • 38° 31' 30.20" (RT)
D • 17' 21" 44"
T • 115.32'
L • 221.89'
R • 330.00'
PC • 32-99.30
PT • 35-21.19

Curve GWMP_TRL-1
PI • 11-38.00
DELTA • 55° 50' 57.74" (LT)
D • 8' 51" 04"
T • 37.10'
L • 68.23'
R • 70.00'
PC • 11-00.89
PRC • 11-69.13
DESIGN SPEED • 20 MPH

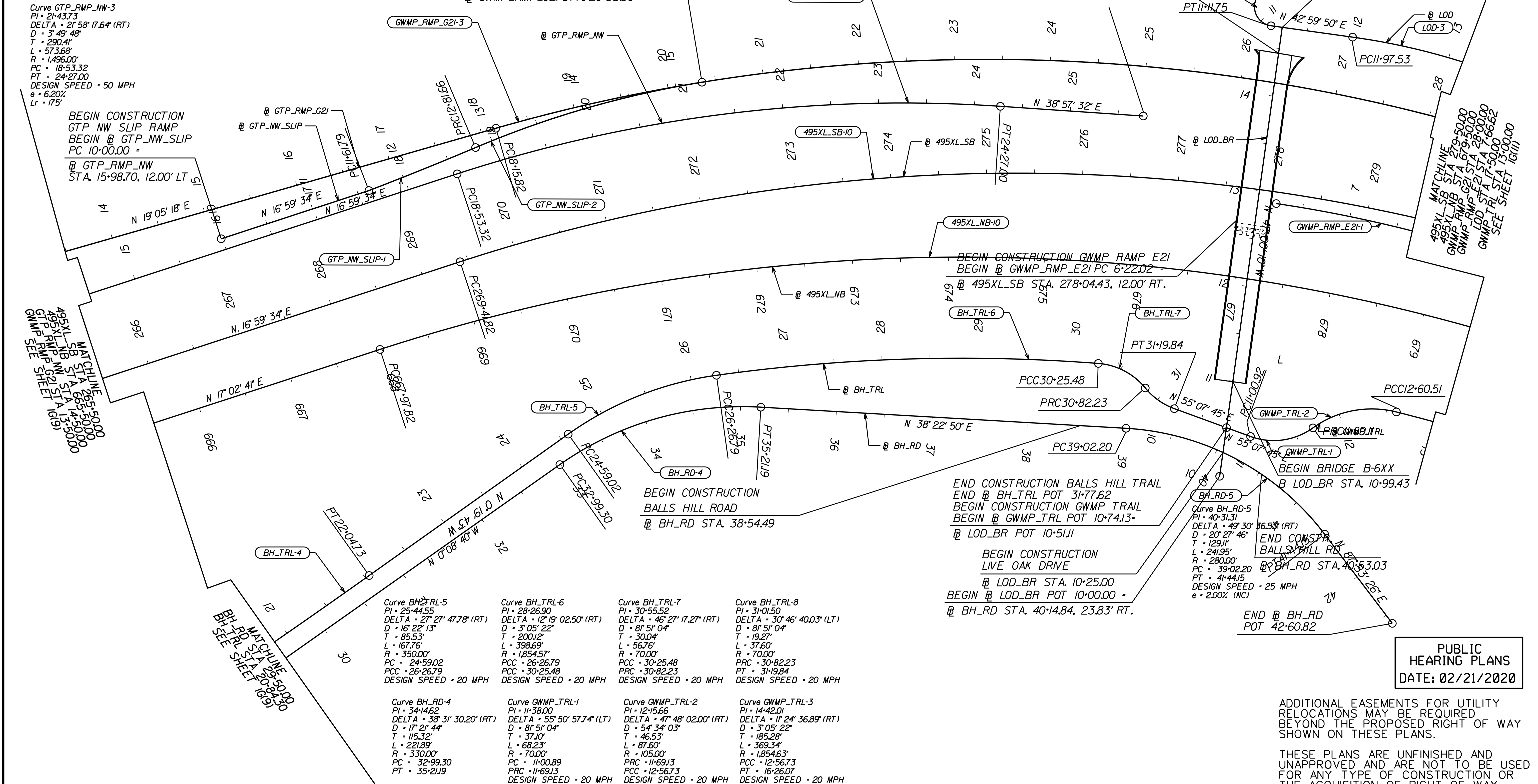
Curve GWMP_TRL-2
PI • 12-15.66
DELTA • 47° 48' 02.00" (RT)
D • 5' 43" 03"
T • 46.53'
L • 87.60'
R • 105.00'
PC • 11-69.13
PRC • 12-56.73
DESIGN SPEED • 20 MPH

Curve GWMP_TRL-3
PI • 14-42.01
DELTA • 11° 24' 36.89" (RT)
D • 3' 05" 22"
T • 185.28'
L • 369.34'
R • 1854.63'
PCC • 12-56.73
PT • 16-26.07
DESIGN SPEED • 20 MPH

Curve BH_RD-5
PI • 40-31.31
DELTA • 49° 30' 36.53" (RT)
D • 20' 27" 46"
T • 129.11'
L • 241.95'
R • 280.00'
PC • 39-02.20
PT • 41-44.15
DESIGN SPEED • 25 MPH
e • 2.00% (NC)

Curve BH_RD-5
PI • 40-31.31
DELTA • 49° 30' 36.53" (RT)
D • 20' 27" 46"
T • 129.11'
L • 241.95'
R • 280.00'
PC • 39-02.20
PT • 41-44.15
DESIGN SPEED • 25 MPH
e • 2.00% (NC)

Curve BH_RD-5
PI • 40-31.31
DELTA • 49° 30' 36.53" (RT)
D • 20' 27" 46"
T • 129.11'
L • 241.95'
R • 280.00'
PC • 39-02.20
PT • 41-44.15
DESIGN SPEED • 25 MPH
e • 2.00% (NC)



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

MATCHLINE
495XL-SB STA 279-50.00
495XL-NB STA 679-50.00
GWMP_RMP_G2I STA 28-00.00
LOD STA 17-50.00
GWMP_TRL STA 13-00.00
SEE SHEET 16(11)

MATCHLINE
495XL-SB STA 265-50.00
495XL-NB STA 450.00
GTP_RMP_NW STA 13-50.00
GWMP_RMP_G2I STA 13-50.00
SEE SHEET 16(9)

PUBLIC HEARING PLANS
DATE: 02/21/2020

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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	1G(11)

Curve 495XL-SB-11
PI • 285+12.41
DELTA • 3° 44' 06.41" (RT)
D • 0' 34' 26"
T • 325.54'
L • 650.86'
R • 9984.00'
PCC • 281+86.86
PCC • 288+37.72
DESIGN SPEED • 70 MPH
e • 2.20%
Lr • 244' (PCC1), 209' (PCC2)

Curve 495XL-SB-12
PI • 290+81.94
DELTA • 5° 04' 25.79" (RT)
D • 1' 02' 22"
T • 244.22'
L • 488.12'
R • 5,512.00'
PCC • 288+37.72
PT • 293+25.83
DESIGN SPEED • 70 MPH
e • 3.80%
Lr • 636' (PCC), 361' (PT)

Curve 495XL-NB-10
PI • 675+78.40
DELTA • 43° 25' 53.26" (RT)
D • 2' 55' 24"
T • 780.58'
L • 1,485.68'
R • 1,959.94'
PC • 667+97.82
PT • 682+83.50
DESIGN SPEED • 70 MPH
e • 8.00%
Lr • 880'

Curve 495XL-NBC-1
PI • 692+63.61
DELTA • 3° 40' 55.64" (LT)
D • 0' 20' 13"
T • 546.44'
L • 1,092.51'
R • 17,000.00'
PC • 687+17.16
PT • 698+09.67
DESIGN SPEED • 60 MPH
e • 6.50%
Lr • 347'

Curve GWMP_RMP_E21-1
PI • 8+01.10
DELTA • 14° 55' 39.13" (RT)
D • 4' 11' 30"
T • 179.08'
L • 356.13'
R • 1,366.93'
PC • 6+22.02
PT • 9+78.15
DESIGN SPEED • 60 MPH
e • 4.80%
Lr • 235' (PC), 251' (PT)

Curve GWMP_RMP_E21-2
PI • 17+29.07
DELTA • 56° 02' 41.25" (LT)
D • 25' 41' 35"
T • 118.68'
L • 218.13'
R • 223.00'
PC • 16+10.39
PT • 18+28.52
DESIGN SPEED • 30 MPH
e • 8.00%
Lr • 171'

Curve GWMP_RMP_E21-3
PI • 23+94.17
DELTA • 53° 38' 05.01" (RT)
D • 13' 58' 28"
T • 207.26'
L • 383.80'
R • 410.00'
PC • 21+86.91
PCC • 25+70.71
DESIGN SPEED • 30 MPH
e • 6.70%
Lr • 100' (PC), 21' (PCC)

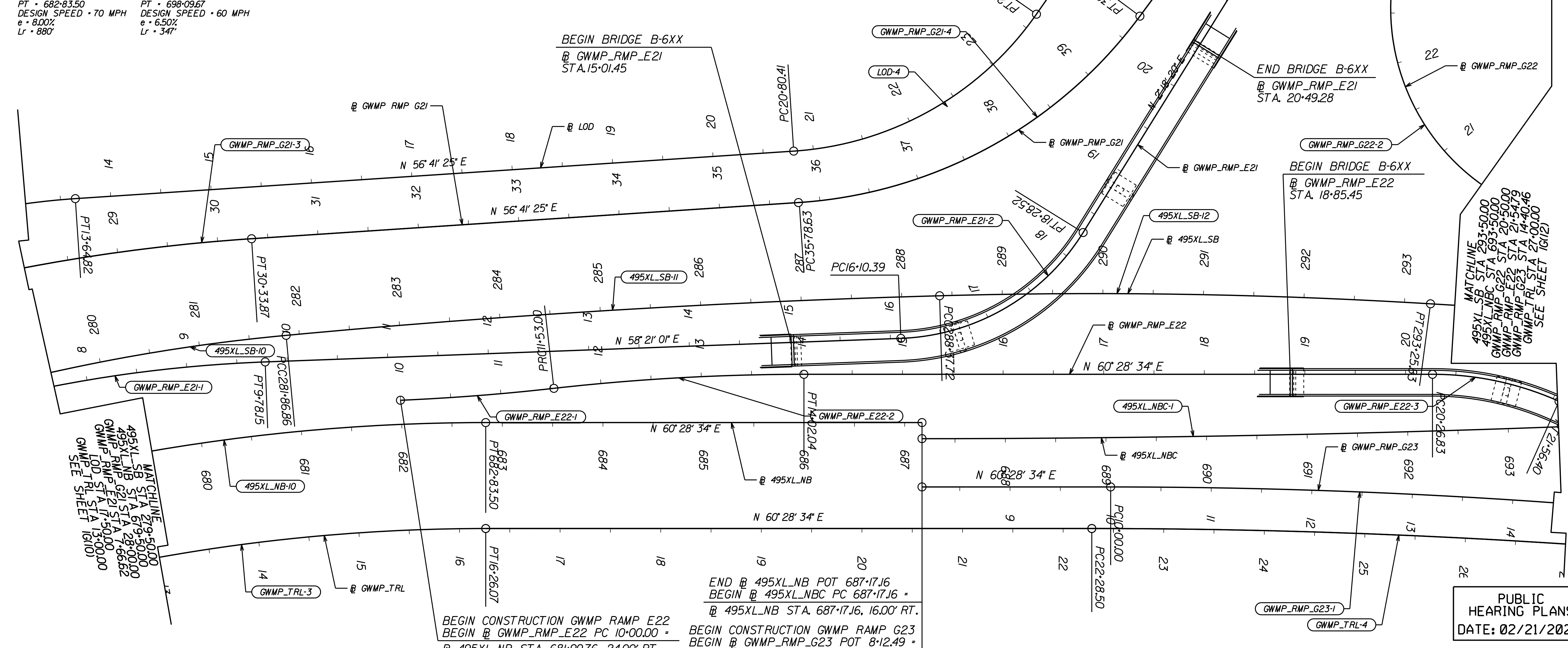
Curve LOD-4
PI • 22+34.09
DELTA • 5° 18' 20.89" (LT)
D • 17' 54' 17.75"
T • 153.68'
L • 286.55'
R • 320.00'
PC • 20+80.41
PT • 23+66.96
DESIGN SPEED • 25 MPH
e • 5.90%
Lr • 102'

Curve LOD-5
PI • 25+56.35
DELTA • 13° 12' 20.36" (RT)
D • 8' 43' 19.69"
T • 76.04'
L • 151.40'
R • 656.90'
PC • 24+80.31
PT • 26+31.72
DESIGN SPEED • 25 MPH
e • 4.90%
Lr • 84'

Curve GWMP_RMP_G21-4
PI • 37+91.77
DELTA • 49° 43' 14.59" (LT)
D • 12' 27' 20"
T • 213.14'
L • 399.18'
R • 460.00'
PC • 35+78.63
PT • 39+77.81
DESIGN SPEED • 30 MPH
e • 6.50%
Lr • 137'

Curve GWMP_RMP_G21-5
PI • 43+76.49
DELTA • 56° 56' 30.18" (RT)
D • 10' 48' 38"
T • 287.42'
L • 526.72'
R • 530.00'
PC • 40+89.08
PCC • 46+15.80
DESIGN SPEED • 30 MPH
e • 6.00%
Lr • 128'

Curve GWMP_RMP_G22-2
PI • 23+33.76
DELTA • 12° 36' 12.42" (RT)
D • 26' 38' 57"
T • 384.72'
L • 456.31'
R • 215.00'
PC • 19+49.04
PCC • 24+05.35
DESIGN SPEED • 30 MPH
e • 8.00%
Lr • 171'



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

MATCHLINE
GWMP_RMP_E21 STA 42+00.00
GWMP_RMP_G21 STA 22+50.00
GWMP_RMP_G22 STA 23+50.00
SEE SHEET 1G(12)

MATCHLINE
495XL-SB STA 293+50.00
495XL-NBC STA 1693+50.00
GWMP_RMP_G21 STA 20+50.00
GWMP_RMP_E22 STA 21+54.79
GWMP_RMP_G23 STA 14+40.46
GWMP_TRL STA 27+00.00
SEE SHEET 1G(12)

PUBLIC HEARING PLANS
DATE: 02/21/2020

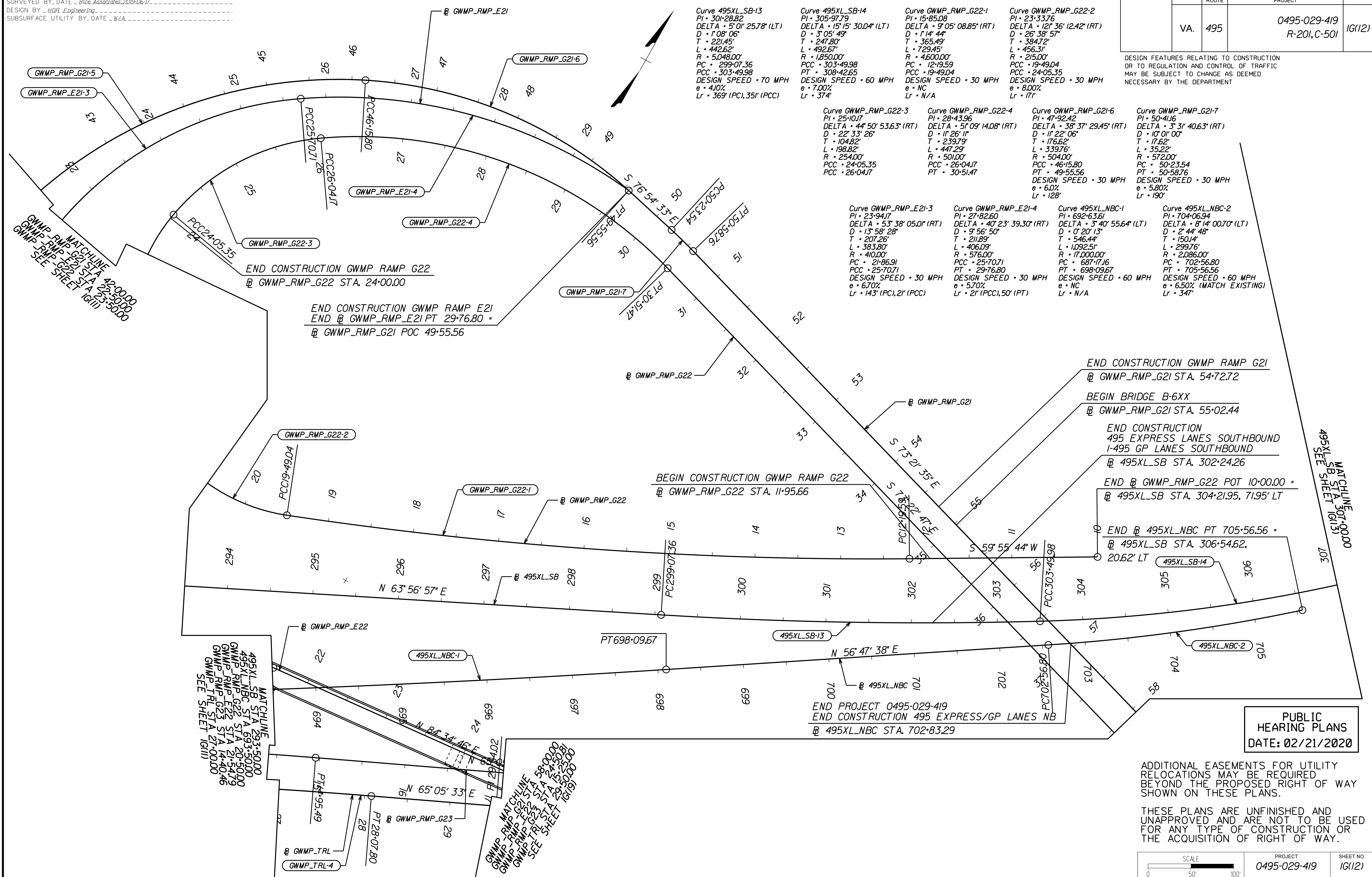
ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rlce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	1G(12)

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



PUBLIC HEARING PLANS
DATE: 02/21/2020

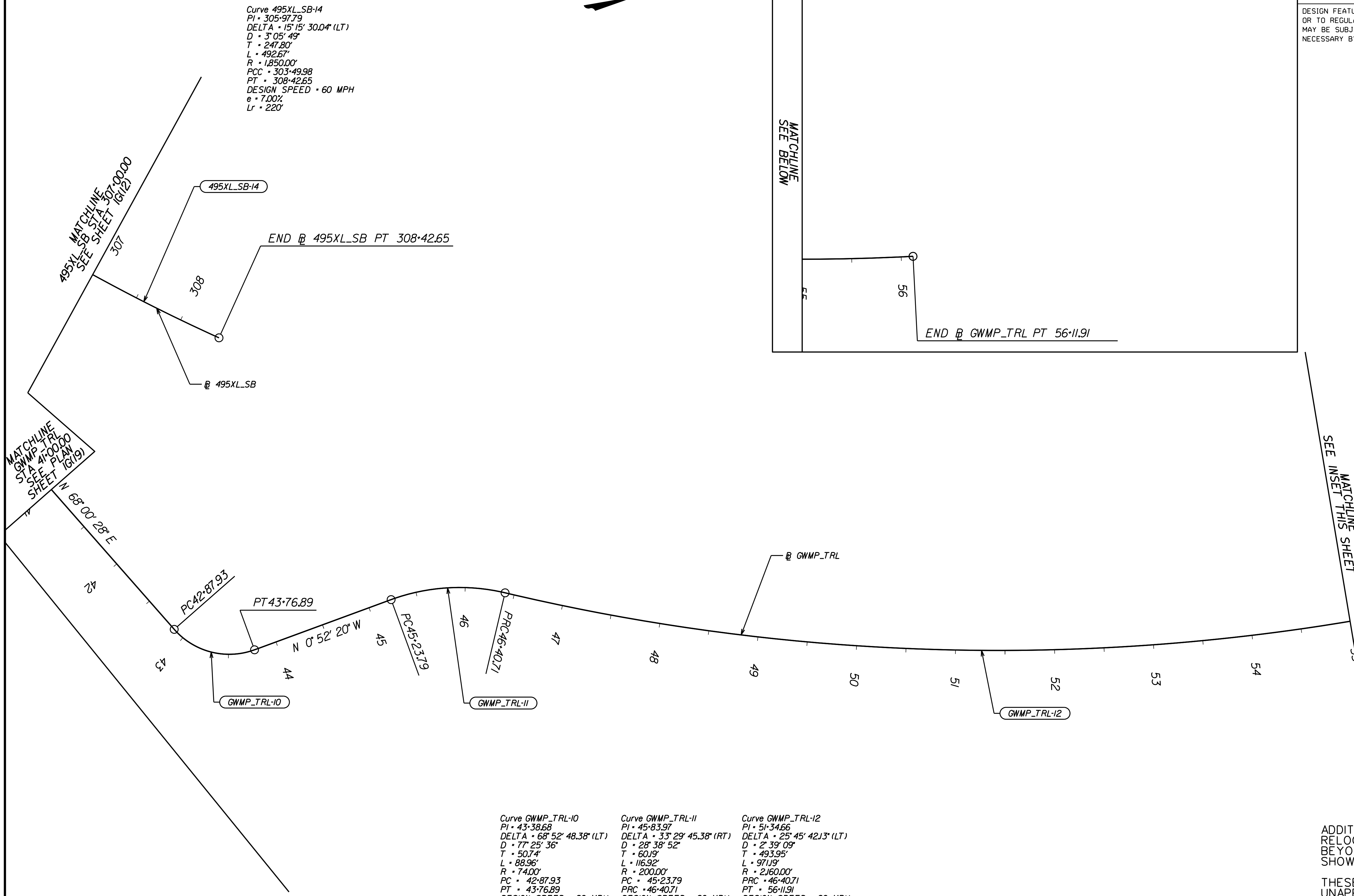
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Btce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	1G(13)

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



Curve 495XL_SB-14
PI • 305.9779
DELTA • 15° 15' 30.04" (LT)
D • 3' 05' 49"
T • 247.80'
L • 492.67'
R • 1850.00'
PCC • 303.4998
PT • 308.4265
DESIGN SPEED • 60 MPH
e • 7.00%
Lr • 220'

Curve GWMP_TRL-10
PI • 43.3868
DELTA • 68° 52' 48.38" (LT)
D • 77' 25' 36"
T • 50.74'
L • 88.96'
R • 74.00'
PC • 42.87.93
PT • 43.76.89
DESIGN SPEED • 20 MPH

Curve GWMP_TRL-11
PI • 45.83.97
DELTA • 33° 29' 45.38" (RT)
D • 28' 38" 52"
T • 60.19'
L • 116.92'
R • 200.00'
PC • 45.23.79
PRC • 46.40.71
DESIGN SPEED • 20 MPH

Curve GWMP_TRL-12
PI • 51.34.66
DELTA • 25° 45' 42.13" (LT)
D • 2' 39' 09"
T • 493.95'
L • 971.19'
R • 2160.00'
PRC • 46.40.71
PT • 56.11.91
DESIGN SPEED • 20 MPH

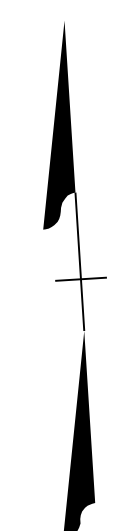
PUBLIC HEARING PLANS
DATE: 02/21/2020

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PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - RICE Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201, C-501	1G(14)

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



Curve DTR_EB-1
PI • 17-70.88
DELTA • 22° 45' 59.39" (RT)
D • 1' 29' 47"
T • 770.88'
L • 1521.43'
R • 3,828.94'
PC • 10-00.00
PCC • 25-21.43
DESIGN SPEED • 60 MPH
e • 4.20%

Curve DTR_RMP_E4-1
PI • 13-36.58
DELTA • 13° 35' 36.43" (RT)
D • 2' 01' 44"
T • 336.58'
L • 669.99'
R • 2,823.99'
PC • 10-00.00
PT • 16-69.99
DESIGN SPEED • 50 MPH
e • 4.20%

BEGIN CONSTRUCTION
DULLES TOLL ROAD EASTBOUND
@ DTR_EB STA. 11+48.14

BEGIN CONSTRUCTION DTR RAMP E4
BEGIN @ DTR_RMP_E4 PC 10+00.00 -
@ DTR_EB STA. 13+76.24, 33.00' RT.

MATCHLINE
DTR_EB STA 18+50.00
DTR_RMP_E4 STA 14+75.00
SEE THIS SHEET

MATCHLINE
DTR_EB STA 18+50.00
DTR_RMP_E4 STA 14+75.00
SEE THIS SHEET

MATCHLINE
DTR_EB STA 28+50.00
DTR_RMP_G3 STA 23+50.00
SEE THIS SHEET

END CONSTRUCTION DTR RAMP E4
@ DTR_RMP_E4 STA. 20+63.04

BEGIN CONSTRUCTION
DULLES TOLL ROAD RAMP G3
BEGIN @ DTR_RMP_G3 PC 17+75.31 -
@ DTR_EB STA. 24+87.63, 33.00' RT.

PUBLIC HEARING PLANS
DATE: 02/21/2020

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Curve DTR_EB-1
PI • 17-70.88
DELTA • 22° 45' 59.39" (RT)
D • 1' 29' 47"
T • 770.88'
L • 1521.43'
R • 3,828.94'
PC • 10-00.00
PCC • 25-21.43
DESIGN SPEED • 60 MPH
e • 4.20%

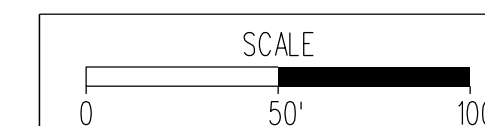
Curve DTR_EB-2
PI • 19-37.98
DELTA • 7° 23' 14.51" (RT)
D • 0' 54' 08"
T • 409.93'
L • 818.73'
R • 6,350.00'
PCC • 25-21.43
PT • 33+40.16
DESIGN SPEED • 60 MPH
e • 2.70%

Curve DTR_RMP_G3-1
PI • 22-95.32
DELTA • 9° 17' 59.33" (RT)
D • 2' 51' 53"
T • 162.67'
L • 324.62'
R • 2,000.00'
PCC • 17-75.31
PCC • 20-99.93
DESIGN SPEED • 40 MPH
e • 4.20%

Curve DTR_RMP_G3-2
PI • 22-95.32
DELTA • 22° 04' 26.94" (RT)
D • 5' 43' 11"
T • 195.39'
L • 385.94'
R • 1,001.75'
PCC • 20-99.93
PT • 24+85.87
DESIGN SPEED • 30 MPH
e • 4.20%

Curve DTR_RMP_E4-1
PI • 13-36.58
DELTA • 13° 35' 36.43" (RT)
D • 2' 01' 44"
T • 336.58'
L • 669.99'
R • 2,823.99'
PC • 10-00.00
PT • 16-69.99
DESIGN SPEED • 50 MPH
e • 4.20%

Curve DTR_RMP_E4-2
PI • 25-17.47
DELTA • 33° 04' 47.78" (RT)
D • 5' 34' 25"
T • 305.29'
L • 593.52'
R • 1,028.00'
PC • 22+12.18
PT • 28+05.70

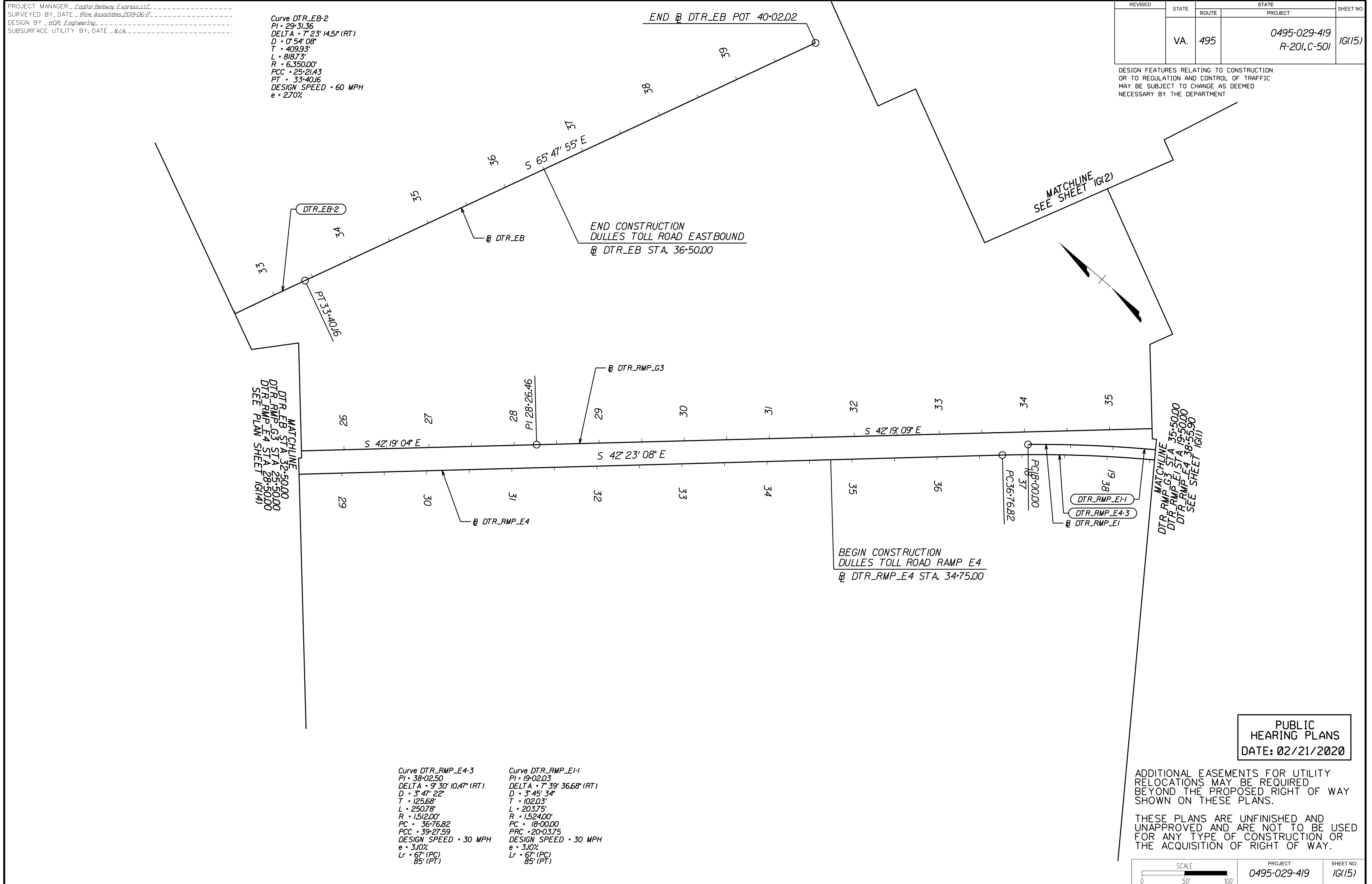


PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rtce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

Curve DTR_EB-2
PI = 29+31.36
DELTA = 7° 23' 14.5" (RT)
D = 0' 54' 08"
T = 409.93'
L = 818.73'
R = 6,350.00'
PCC = 25+21.43
PT = 33+40.16
DESIGN SPEED = 60 MPH
e = 2.70%

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201, C-501	1G(15)

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



MATCHLINE
DTR_EB STA 36+50.00
DTR_RMP_G3 STA 28+50.00
DTR_RMP_E4 STA 28+50.00
SEE PLAN SHEET 1G(14)

MATCHLINE
DTR_RMP_G3 STA 35+50.00
DTR_RMP_EI STA 19+50.00
DTR_RMP_E4 STA 38+55.90
SEE SHEET 1G(11)

Curve DTR_RMP_E4-3
PI = 38+02.50
DELTA = 9° 30' 10.47" (RT)
D = 3' 47' 22"
T = 125.68'
L = 250.78'
R = 1,512.00'
PC = 36+76.82
PCC = 39+27.59
DESIGN SPEED = 30 MPH
e = 3.10%
Lr = 67' (PC)
85' (PT)

Curve DTR_RMP_EI-1
PI = 19+02.03
DELTA = 7° 39' 36.68" (RT)
D = 3' 45' 34"
T = 102.03'
L = 203.75'
R = 1,524.00'
PC = 18+00.00
PCC = 20+03.75
DESIGN SPEED = 30 MPH
e = 3.10%
Lr = 67' (PC)
85' (PT)

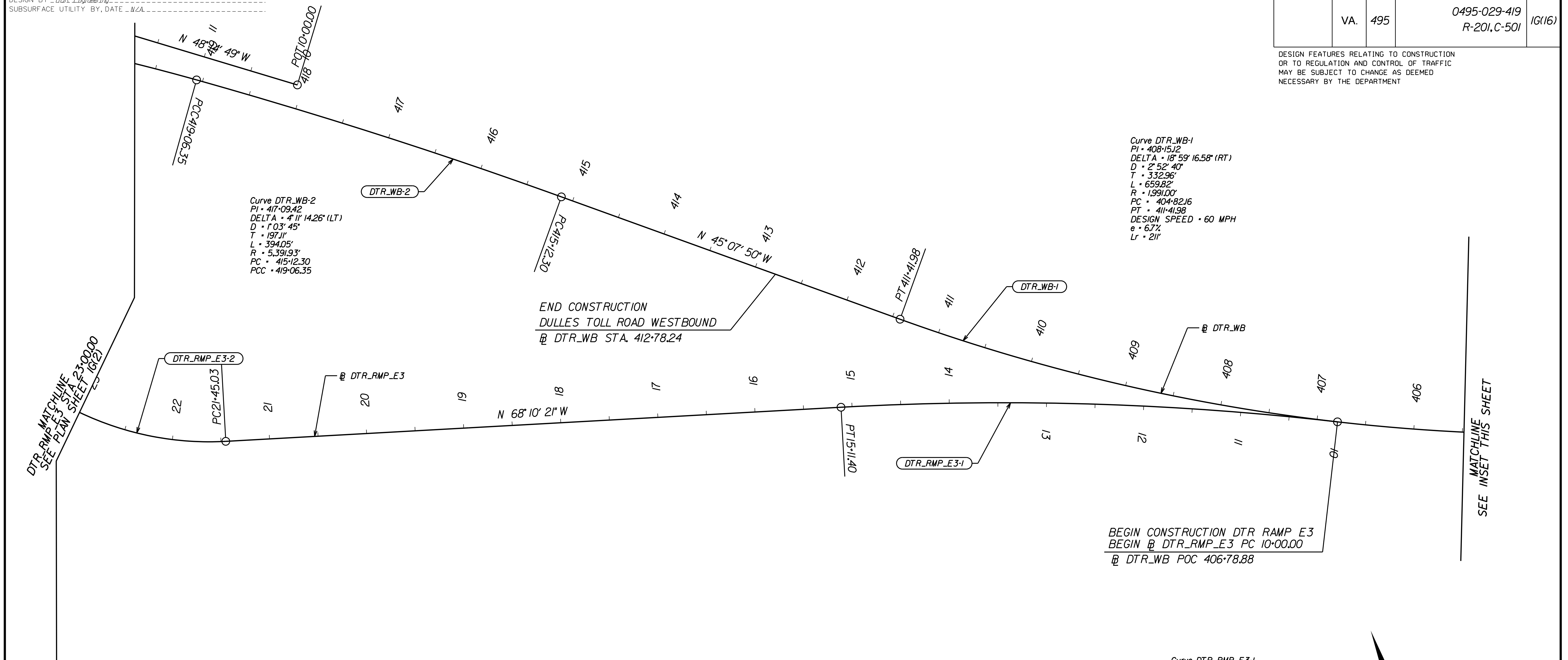
PUBLIC HEARING PLANS
DATE: 02/21/2020

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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Btce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

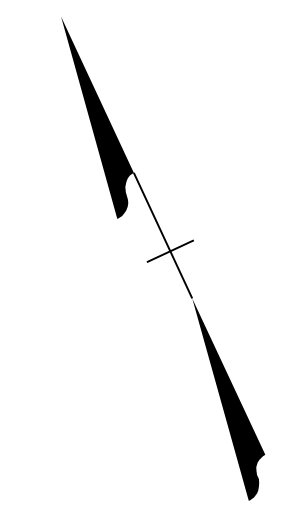
REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	1G(16)

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



SEE MATCHLINE THIS SHEET

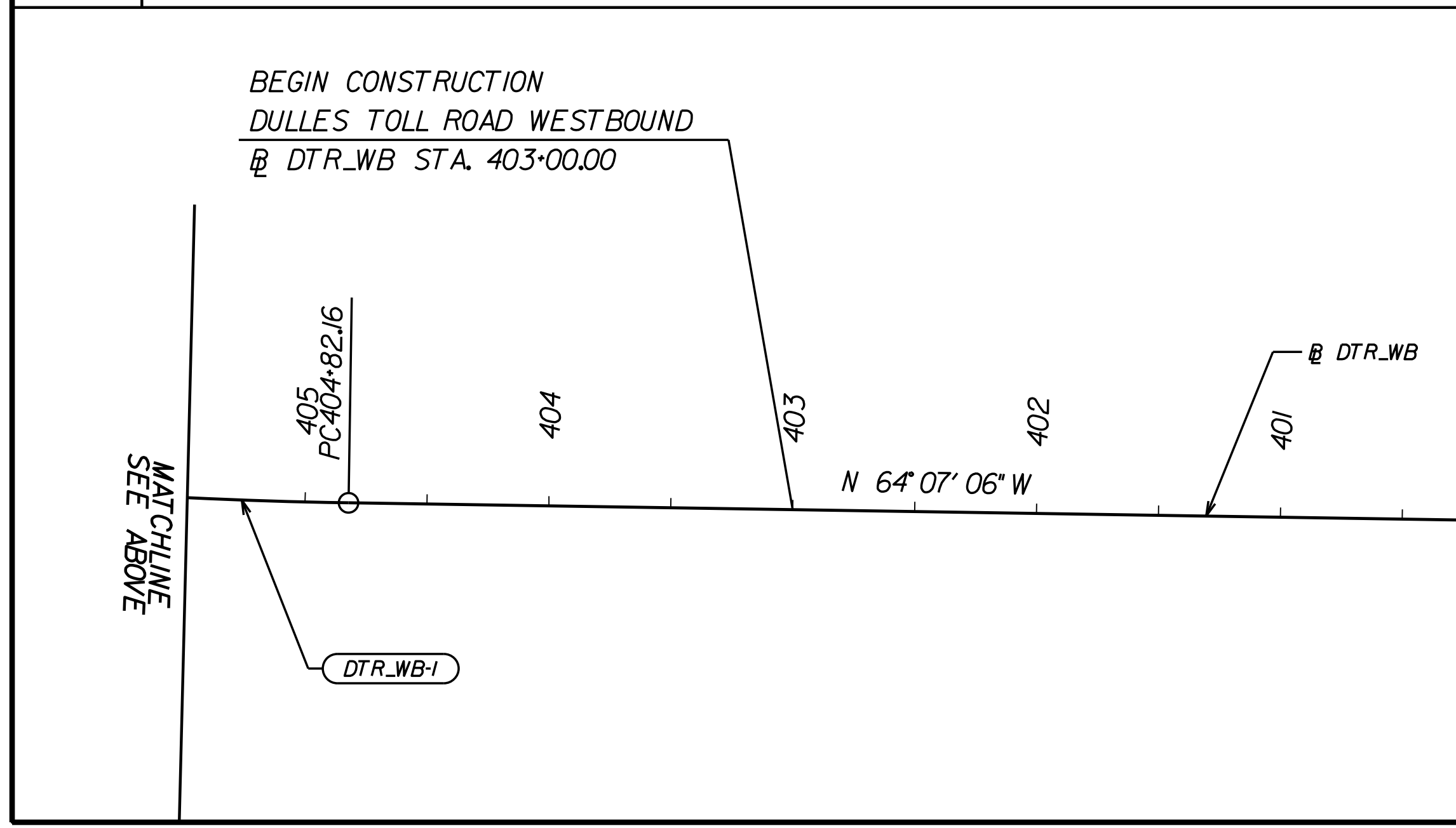
DTR_RMP_E3 MATCHLINE SEE PLAN SHEET 1G(2)



PUBLIC HEARING PLANS
DATE: 02/21/2020

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MATCHLINE SEE ABOVE

PROJECT MANAGER *Capital Beltway Express, LLC*
 SURVEYED BY, DATE *Rtce Associates, 2019-06-17*
 DESIGN BY *HDR Engineering*
 SUBSURFACE UTILITY BY, DATE *N/A*

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	1G(17)

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

Curve ODD-1
 PI - 12+42.31
 DELTA - 3° 51' 17.83" (RT)
 D - 2° 51' 53"
 T - 67.31'
 L - 134.56'
 R - 2000.00'
 PC - 11+75.00
 PT - 13+09.56
 DESIGN SPEED - 45 MPH
 e - 4.50%
 Lr - 195'

Curve ODD-2
 PI - 17+48.87
 DELTA - 19° 31' 55.79" (RT)
 D - 5° 22' 11"
 T - 183.65'
 L - 363.74'
 R - 1067.00'
 PC - 15+65.22
 PT - 19+28.96
 DESIGN SPEED - 45 MPH
 e - 6.70%
 Lr - 176'

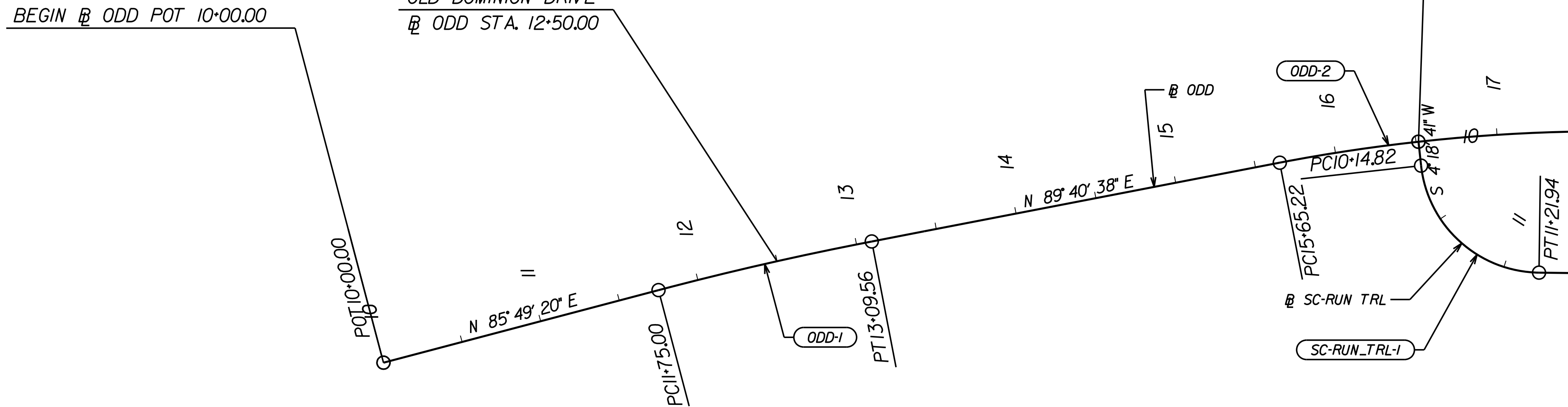
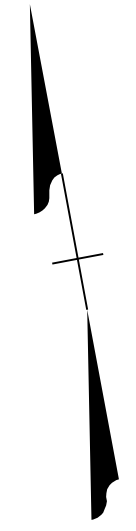
Curve SC-RUN_TRL-1
 PI - 10+80.22
 DELTA - 82° 56' 26.4" (LT)
 D - 77° 25' 36"
 T - 65.40'
 L - 107.12'
 R - 74.00'
 PC - 10+14.82
 PT - 11+21.94
 DESIGN SPEED - 20 MPH
 e - 2.00% (NC)
 Lr - N/A

BEGIN @ ODD POT 10+00.00

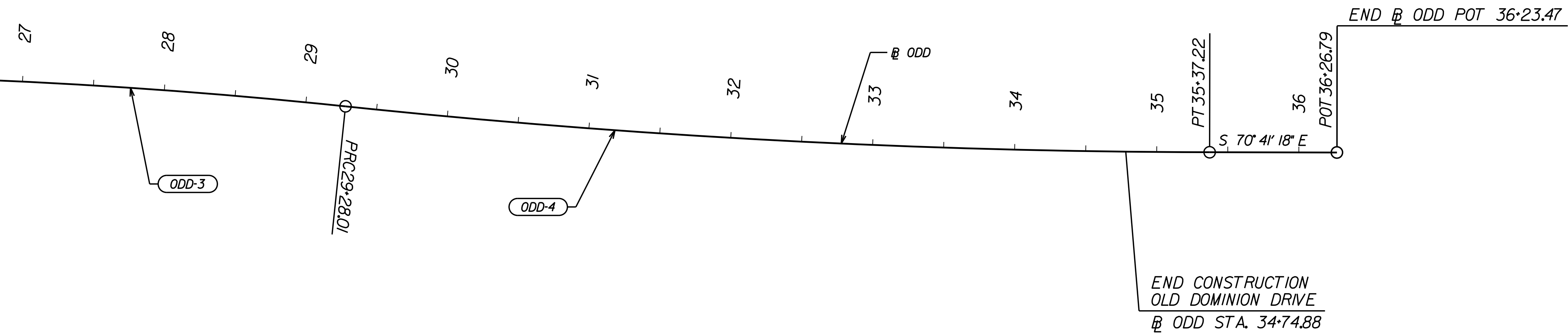
BEGIN CONSTRUCTION OLD DOMINION DRIVE @ ODD STA. 12+50.00

BEGIN CONSTR. SCOTTS RUN TRAIL @ SC_RUN_TRL POT 10+00.00 = @ ODD STA. 16+51.52

MATCHLINE ODD STA 17+50.00 SC-RUN_TRL STA 11+44.89 SEE SHEET 1G(6)



MATCHLINE ODD STA 26+50.00 SEE SHEET 1G(6)



Curve ODD-3
 PI - 27+16.14
 DELTA - 5° 59' 18.17" (RT)
 D - 1° 24' 43"
 T - 212.26'
 L - 424.13'
 R - 4058.00'
 PC - 25+03.88
 PRC - 29+28.01
 DESIGN SPEED - 45 MPH
 e - 2.50%
 Lr - 66'

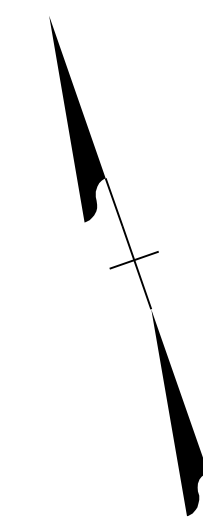
Curve ODD-4
 PI - 32+32.88
 DELTA - 5° 53' 10.57" (LT)
 D - 0° 57' 58"
 T - 304.88'
 L - 609.22'
 R - 5930.00'
 PRC - 29+28.01
 PT - 35+37.22
 DESIGN SPEED - 45 MPH
 e - 2.00%
 Lr - 53'

END CONSTRUCTION OLD DOMINION DRIVE @ ODD STA. 34+74.88

PUBLIC HEARING PLANS
 DATE: 02/21/2020

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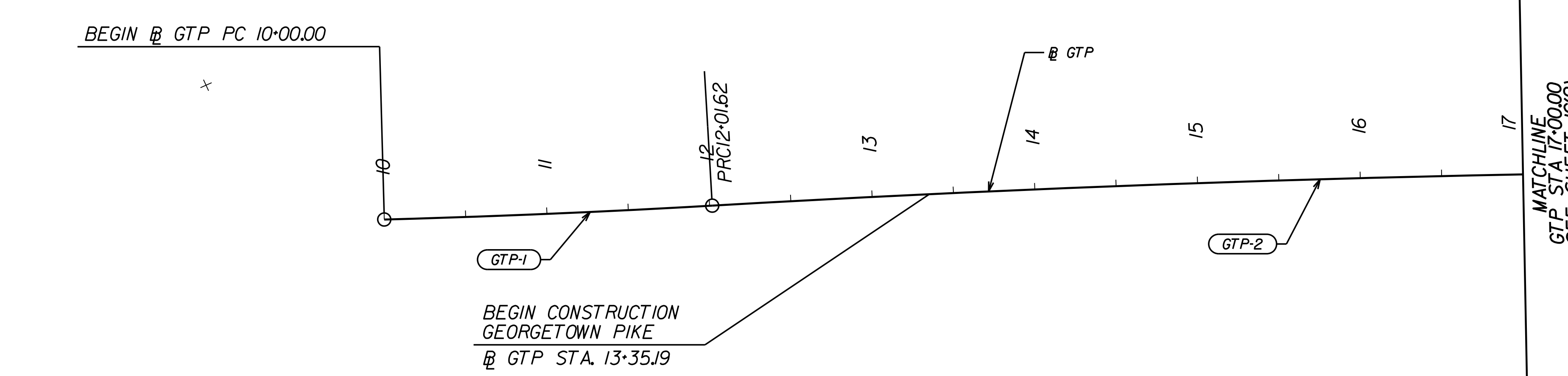
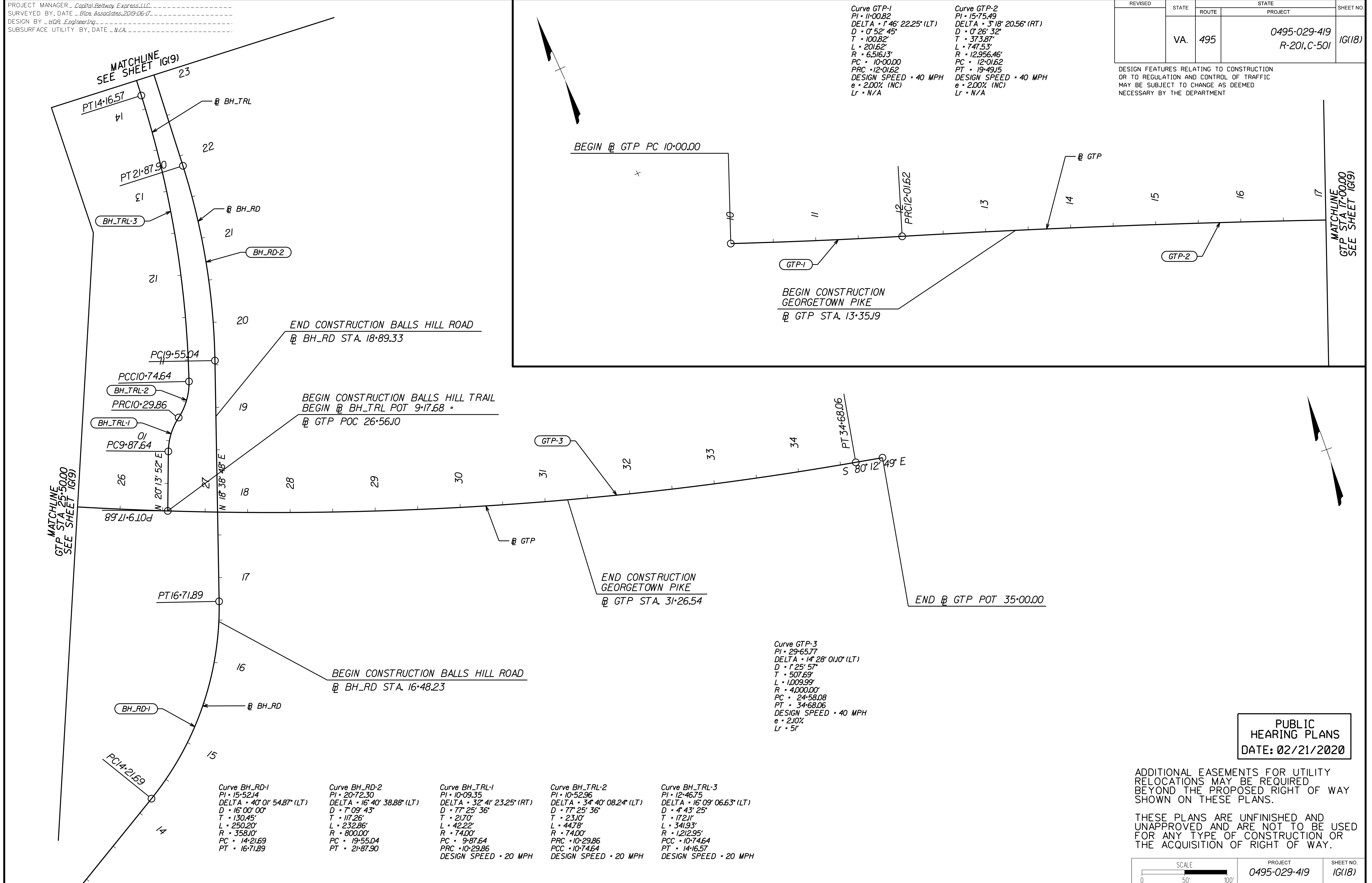
PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rlce, Associates, 2019-06-17
DESIGN BY - HDR, Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201, C-501	1G(18)

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

Curve GTP-1
PI - 11+00.82
DELTA - 1° 46' 22.25" (LT)
D - 0' 52' 45"
T - 100.82'
L - 201.62'
R - 6,516.13'
PC - 10+00.00
PRC - 12+01.62
DESIGN SPEED - 40 MPH
e - 2.00% (INC)
Lr - N/A

Curve GTP-2
PI - 15+75.49
DELTA - 3° 18' 20.56" (RT)
D - 0' 26' 32"
T - 373.87'
L - 747.53'
R - 12,956.46'
PC - 12+01.62
PT - 19+49.15
DESIGN SPEED - 40 MPH
e - 2.00% (INC)
Lr - N/A



Curve GTP-3
PI - 29+65.77
DELTA - 1° 28' 01.0" (LT)
D - 1' 25' 57"
T - 507.69'
L - 1,009.99'
R - 4,000.00'
PC - 24+58.08
PT - 34+68.06
DESIGN SPEED - 40 MPH
e - 2.10%
Lr - 5'

Curve BH_RD-1
PI - 15+52.14
DELTA - 40° 01' 54.87" (LT)
D - 16° 00' 00"
T - 130.45'
L - 250.20'
R - 358.10'
PC - 14+21.69
PT - 16+71.89

Curve BH_RD-2
PI - 20+72.30
DELTA - 16° 40' 38.88" (LT)
D - 7° 09' 43"
T - 117.26'
L - 232.86'
R - 800.00'
PC - 19+55.04
PT - 21+87.90

Curve BH_TRL-1
PI - 10+09.35
DELTA - 32° 41' 23.25" (RT)
D - 77° 25' 36"
T - 21.70'
L - 42.22'
R - 74.00'
PC - 9+87.64
PRC - 10+29.86
DESIGN SPEED - 20 MPH

Curve BH_TRL-2
PI - 10+52.96
DELTA - 34° 40' 08.24" (LT)
D - 77° 25' 36"
T - 23.10'
L - 44.78'
R - 74.00'
PRC - 10+29.86
PCC - 10+74.64
DESIGN SPEED - 20 MPH

Curve BH_TRL-3
PI - 12+46.75
DELTA - 16° 09' 06.63" (LT)
D - 4° 43' 25"
T - 172.11'
L - 341.93'
R - 1,212.95'
PCC - 10+74.64
PT - 14+16.57
DESIGN SPEED - 20 MPH

PUBLIC HEARING PLANS
DATE: 02/21/2020

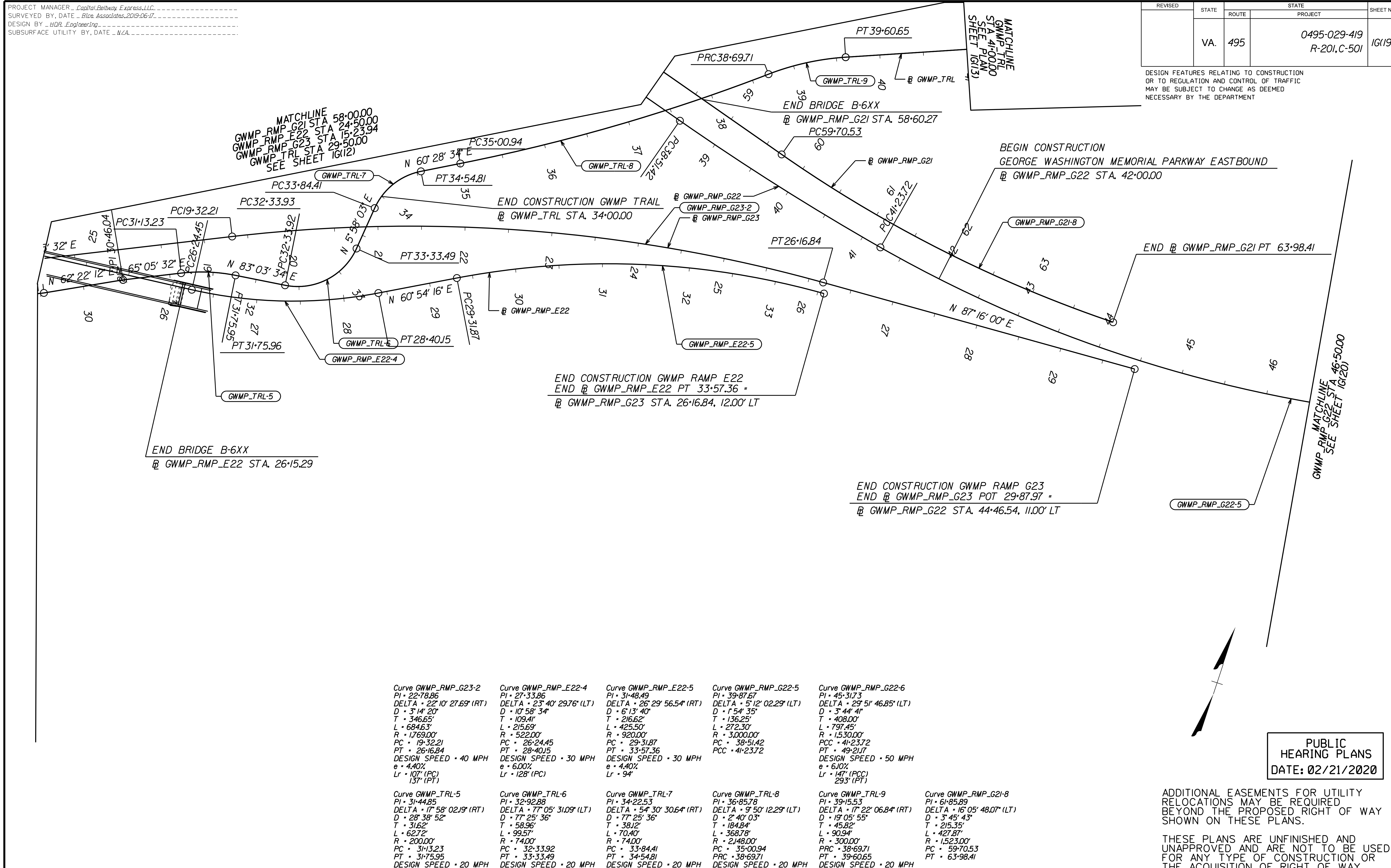
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	1G(19)

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



Curve GWMP_RMP_G23-2 PI • 22+78.86 DELTA • 22° 10' 27.69" (RT) D • 3' 14' 20" T • 346.65' L • 684.63' R • 1769.00' PC • 19+32.21 PT • 26+16.84 DESIGN SPEED • 40 MPH e • 4.40% Lr • 107' (PC) 137' (PT)	Curve GWMP_RMP_E22-4 PI • 27+33.86 DELTA • 23° 40' 29.76" (LT) D • 10' 58' 34" T • 109.41' L • 215.69' R • 522.00' PC • 26+24.45 PT • 28+40.15 DESIGN SPEED • 30 MPH e • 6.00% Lr • 128' (PC)	Curve GWMP_RMP_E22-5 PI • 31+48.49 DELTA • 26° 29' 56.54" (RT) D • 6' 13' 40" T • 216.62' L • 425.50' R • 920.00' PC • 29+31.87 PT • 33+57.36 DESIGN SPEED • 30 MPH e • 4.40% Lr • 94'	Curve GWMP_RMP_G22-5 PI • 39+87.67 DELTA • 5° 12' 02.29" (LT) D • 1' 54' 35" T • 136.25' L • 272.30' R • 3000.00' PC • 38+51.42 PT • 41+23.72	Curve GWMP_RMP_G22-6 PI • 45+31.73 DELTA • 29° 51' 46.85" (LT) D • 3' 44' 41" T • 408.00' L • 797.45' R • 1530.00' PCC • 41+23.72 PT • 49+21.7 DESIGN SPEED • 50 MPH e • 6.00% Lr • 147' (PCC) 293' (PT)	Curve GWMP_TRL-5 PI • 31+44.85 DELTA • 17° 58' 02.19" (RT) D • 28' 38' 52" T • 316.2' L • 62.72' R • 200.00' PC • 31+13.23 PT • 31+75.95 DESIGN SPEED • 20 MPH	Curve GWMP_TRL-6 PI • 32+92.88 DELTA • 77° 05' 31.09" (LT) D • 77' 25' 36" T • 58.96' L • 99.57' R • 74.00' PC • 32+33.92 PT • 33+33.49 DESIGN SPEED • 20 MPH	Curve GWMP_TRL-7 PI • 34+22.53 DELTA • 54° 30' 30.64" (RT) D • 77' 25' 36" T • 38.12' L • 70.40' R • 74.00' PC • 33+84.41 PT • 34+54.81 DESIGN SPEED • 20 MPH	Curve GWMP_TRL-8 PI • 36+85.78 DELTA • 9° 50' 12.29" (LT) D • 2' 40' 03" T • 184.84' L • 368.78' R • 2148.00' PC • 35+00.94 PT • 38+69.71 DESIGN SPEED • 20 MPH	Curve GWMP_TRL-9 PI • 39+15.53 DELTA • 17° 22' 06.84" (RT) D • 19' 05' 55" T • 45.82' L • 90.94' R • 300.00' PRC • 38+69.71 PT • 39+60.65 DESIGN SPEED • 20 MPH	Curve GWMP_RMP_G21-8 PI • 61+85.89 DELTA • 16° 05' 48.07" (LT) D • 3' 45' 43" T • 215.35' L • 427.87' R • 1523.00' PC • 59+70.53 PT • 63+98.41
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PUBLIC HEARING PLANS
DATE: 02/21/2020

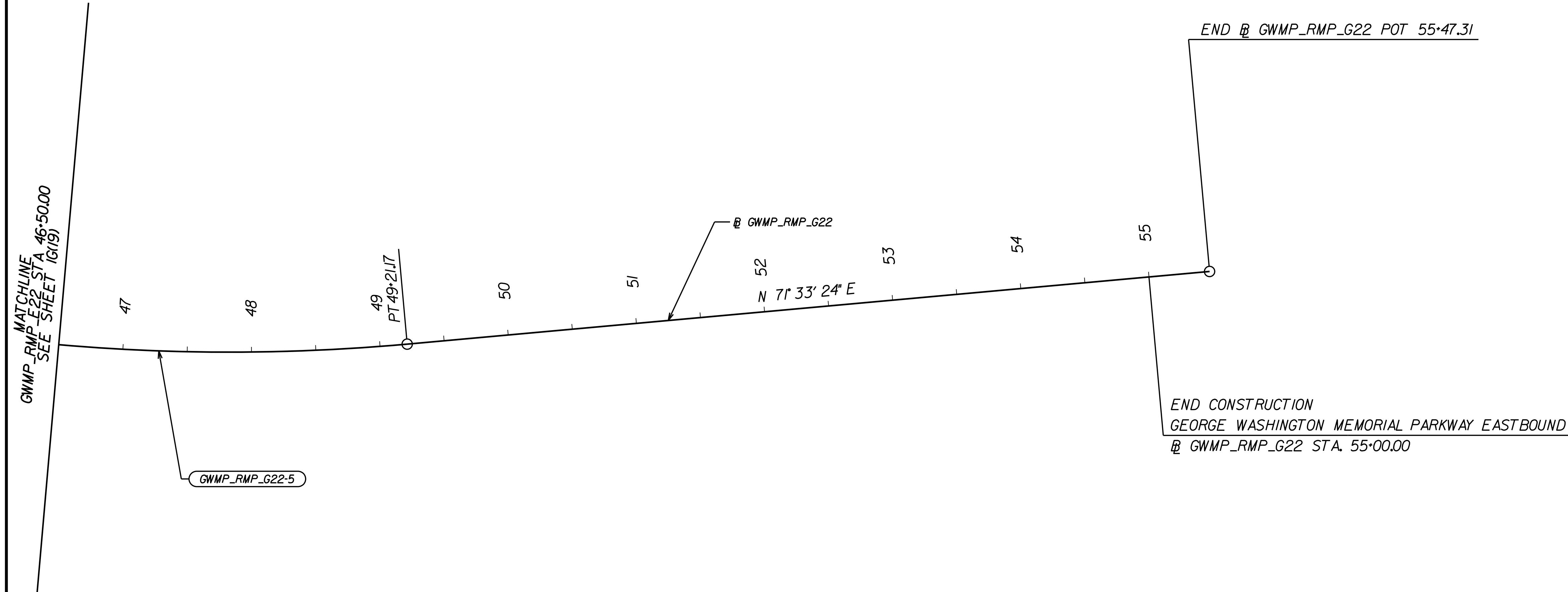
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rtce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	16(20)

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



Curve GWMP_RMP_G22-6
PI • 45+31.73
DELTA • 29° 51' 46.85" (LT)
D • 3' 44' 4"
T • 408.00'
L • 797.45'
R • 1530.00'
PCC • 41+23.72
PT • 49+21.17
DESIGN SPEED • 50 MPH
e • 6.10%
Lr • 147' (PCC)
293' (PT)

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 16(20)
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY DATE RICE Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

EXISTING DRAINAGE DESCRIPTION SHEET

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	I(H1)

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

- | | | | | | | |
|--|---|---|--|--|--|---|
| 007 In Pl. SSMH
Rim = 133.40'
Inv. In = 127.23'
In Pl. 24" Conc. Pipe
Inv. Out = 127.08' | 021 In Pl. Metal Grate
Rim = 191.52'
(a) Inv. In = 187.84'
(b) Inv. In = 187.47'
In Pl. 15" Conc. Pipe
Inv. Out = 187.45' | 043 In Pl. Conc. DI
Rim = 213.24'
Bottom Of Structure = 210.65'
In Pl. 60" Conc. Pipe | 066 In Pl. 60" Conc. Pipe
Inv. Out = 220.12' | 090 In Pl. Metal Grate
Rim = 262.40'
Bottom Of Structure = 259.40'
In Pl. 15" Conc. Pipe | 112 In Pl. Metal Grate
Rim = 281.51'
Bottom Of Structure = 275.89'
In Pl. 30" Conc. Pipe | 134 In Pl. Conc. DI
Rim = 199.23'
In Pl. 15" Metal Pipe
Inv. Out = 195.18' |
| 002 In Pl. Metal Grate
Rim = 148.91'
Inv. In = 143.99'
In Pl. 24" Conc. Pipe
Inv. Out = 130.24' | 022 In Pl. Metal Grate
Rim = 193.42'
In Pl. 15" Conc. Pipe
Inv. Out = 189.87' | 044 In Pl. 12" Conc. Pipe
Inv. Out = 214.19' | 067 In Pl. SSMH
Rim = 240.28'
(Unable to Open) | 091 In Pl. Metal Grate
Rim = 263.98'
Bottom Of Structure = 259.61'
In Pl. Conc. Pipe | 113 In Pl. SSMH
Rim = 285.09'
(a) Inv. In = 277.62'
(b) Inv. In = 280.45'
In Pl. 30" Conc. Pipe
Inv. Out = 277.19' | 135 In Pl. 24" Metal Pipe
Inv. Out = 189.92' |
| 003 In Pl. Metal Grate
Rim = 149.15'
In Pl. 15" Conc. Pipe
Inv. Out = 144.12'
(Surcharged) | 023 In Pl. Metal Grate
Rim = 196.12'
In Pl. 15" Conc. Pipe
Inv. Out = 191.18' | 045 In Pl. 12" Conc. Pipe
Inv. In = 214.52' | 068 In Pl. Metal Grate
Rim = 240.48'
Bottom Of Structure = 235.36'
In Pl. 15" Conc. Pipe | 092 In Pl. Conc. DI
Rim = 281.81'
Inv. Out = 273.86' | 114 In Pl. Metal Grate
Rim = 286.60'
Bottom Of Structure = 281.92'
In Pl. 24" Metal Pipe | 136 In Pl. SSMH
Rim = 301.74'
(Surcharged) |
| 004 In Pl. Conc. Endwall
In Pl. 54" x 60" Metal Pipe
Inv. Out = 110.27' | 024 In Pl. FES
In Pl. 18" Conc. Pipe
Inv. Out = 201.98' | 046 In Pl. Conc. Endwall
In Pl. 15" Conc. Pipe
Inv. Out = 213.51' | 069 In Pl. Metal Grate
Rim = 240.02'
Bottom Of Structure = 235.50'
In Pl. Conc. Pipe | 093 In Pl. FES
In Pl. 15" Conc. Pipe
Inv. Out = 271.53' | 115 In Pl. Metal Grate
Rim = 286.64'
Bottom Of Structure = 281.27'
In Pl. Conc. Pipe | 137 In Pl. Drop Inlet
Rim = 302.12'
In Pl. 15" Metal Pipe
Inv. Out = 297.82' |
| 005 In Pl. Conc. Headwall
Inv. In = 143.54
In Pl. 54" x 60" Metal Pipe | 025 In Pl. Metal Grate
Rim = 207.51
Bottom Of Structure = 202.07'
In Pl. 18" Conc. Pipe | 047 In Pl. Metal Grate/Slot Drain
Rim = 218.51'
In Pl. 15" Conc. Pipe
Inv. Out = 215.80' | 070 In Pl. Conc. DI
Rim = 230.89'
Inv. Out = 226.79'
In Pl. 15" Conc. Pipe
(Terminus not Found) | 094 In Pl. Metal Grate
Rim = 258.09'
Bottom Of Structure = 254.80'
In Pl. 15" Conc. Pipe | 116 In Pl. SSMH
Rim = 288.58'
Bottom Of Structure = 282.02'
In Pl. 24" Metal Pipe | 138 In Pl. SSMH
Rim = 299.14'
Inv. In = 292.94'
In Pl. 15" Conc. Pipe
Inv. Out = 291.39' |
| 006 In Pl. Conc. Endwall
In Pl. 24" Conc. Pipe
Bottom Of Structure = 202.09'
(Surcharged) | 026 In Pl. Metal Grate
Rim = 208.12'
Bottom Of Structure = 202.09'
(Surcharged) | 048 In Pl. Metal Grate
Rim = 221.88'
Bottom Of Structure = 218.11'
In Pl. Conc. Pipe | 071 In Pl. 15" Conc. Pipe
Inv. Out = 236.57' | 095 In Pl. SSMH
Rim = 271.03'
Bottom Of Structure = 263.15'
In Pl. 36" Conc. Pipe | 117 In Pl. Metal Grate
Rim = 288.35
In Pl. 18" Conc. Pipe
Inv. Out = 283.70' | 139 In Pl. SSMH
Rim = 291.98'
(a) Inv. In = 280.93'
(b) Inv. In = 280.78'
(c) Inv. In = 280.83'
In Pl. 21" Conc. Pipe
Inv. Out = 278.65' |
| 007 In Pl. Metal Grate
Rim = 152.55'
In Pl. 24" Conc. Pipe
Bottom Of Structure = 139.21' | 027 In Pl. Metal Grate
Rim = 208.85'
Bottom Of Structure = 202.75'
In Pl. 15" Metal Pipe | 049 In Pl. Metal Grate
Rim = 223.06'
Bottom Of Structure = 216.30'
In Pl. 18" Conc. Pipe | 072 In Pl. Metal Grate
Rim = 241.00'
Bottom Of Structure = 237.58'
In Pl. 15" Conc. Pipe | 096 In Pl. Metal Grate
Rim = 268.87'
Bottom Of Structure = 265.43'
In Pl. 15" Conc. Pipe | 118 In Pl. Metal Grate
Rim = 283.78'
Bottom Of Structure = 279.04'
In Pl. 24" Metal Pipe | 140 In Pl. Conc. Drop Inlet
Rim = 298.21'
In Pl. 24" Metal Pipe
Inv. Out = 290.76' |
| 008 In Pl. Metal Grate
Rim = 155.50'
Inv. In = 150.36'
In Pl. 24" Conc. Pipe
Inv. Out = 150.34' | 028 In Pl. Metal Grate
Rim = 210.55'
Bottom Of Structure = 207.05'
In Pl. Conc. Pipe | 050 In Pl. Metal Grate
Rim = 221.67'
(a) Inv. In = 212.77'
(b) Inv. In = 216.81'
In Pl. 18" Plastic Pipe
Inv. Out = 212.64' | 073 In Pl. SSMH
Rim = 247.51'
Bottom Of Structure = 235.72'
In Pl. 60" Metal Pipe | 097 In Pl. Metal Grate
Rim = 268.74'
Bottom Of Structure = 265.23'
In Pl. Conc. Pipe | 119 In Pl. Metal Grate
Rim = 291.85'
Bottom Of Structure = 287.05'
In Pl. Conc. Pipe | 141 In Pl. SSMH
Rim = 300.79'
Inv. In = 288.54'
In Pl. 24" Conc. Pipe
Inv. Out = 288.46' |
| 009 In Pl. Metal Grate
Rim = 157.83'
Inv. In = 153.80'
In Pl. 24" Conc. Pipe
Inv. Out = 153.48' | 029 In Pl. FES
In Pl. 15" Metal Pipe
Inv. Out = 201.97' | 051 In Pl. Conc. Endwall
In Pl. 18" Plastic Pipe
Inv. Out = 211.32' | 074 In Pl. Headwall
Inv. In = 239.78'
In Pl. 60" Metal Pipe
Inv. Out = 239.24' | 098 In Pl. Metal Grate
Rim = 265.60'
Bottom Of Structure = 260.81'
In Pl. 18" Conc. Pipe | 120 In Pl. Metal Grate
Rim = 290.26
Bottom Of Structure = 285.31'
In Pl. 18" Conc. Pipe | 142 In Pl. Drop Inlet
Rim = 271.01'
Inv. In = 264.47'
In Pl. 21" Conc. Pipe
Inv. Out = 264.45' |
| 010 In Pl. Metal Grate
Rim = 165.42'
Inv. In = 160.27'
In Pl. 24" Conc. Pipe
Inv. Out = 160.22' | 030 In Pl. Slot Drain
Rim = 209.02
Inv. Out = 205.97'
In Pl. 15" Metal Pipe | 052 In Pl. Metal Grate
Rim = 221.93'
Bottom Of Structure = 218.19' | 075 In Pl. Metal Grate
Rim = 253.08'
Bottom Of Structure = 243.35'
In Pl. 36" Conc. Pipe | 099 In Pl. Metal Grate
Rim = 264.12'
In Pl. 15" Conc. Pipe
Inv. Out = 261.40' | 121 In Pl. Metal Grate
Rim = 294.80'
Bottom Of Structure = 289.74'
In Pl. 18" Metal Pipe | 143 In Pl. Drop Inlet
Rim = 270.36'
In Pl. 15" Conc. Pipe
Inv. Out = 289.43'
(Terminus Unknown)
(Possible Blind Connection) |
| 011 In Pl. Metal Grate
Rim = 165.95'
Inv. In = 161.88'
In Pl. 24" Conc. Pipe
Inv. Out = 161.87' | 031 In Pl. Metal Grate
Rim = 210.18'
Bottom Of Structure = 206.37'
In Pl. 15" Conc. Pipe | 053 In Pl. Endwall
In Pl. 15" Conc. Pipe
Inv. Out = 220.50' | 076 In Pl. Metal Grate
Rim = 249.92'
Bottom Of Structure = 245.00'
In Pl. 15" Conc. Pipe | 100 In Pl. SSMH
Rim = 277.98'
Bottom Of Structure = 268.45'
In Pl. 36" Conc. Pipe | 122 In Pl. Metal Grate
Rim = 293.52'
Bottom Of Structure = 288.65'
In Pl. 15" Metal Pipe | 144 In Pl. Drop Inlet
Rim = 269.26'
(Surcharged) |
| 012 In Pl. Metal Grate
Rim = 173.60'
Inv. In = 169.81'
In Pl. 24" Conc. Pipe
Inv. Out = 169.65' | 032 In Pl. Metal Grate
Rim = 210.28
Bottom Of Structure = 206.68'
In Pl. 15" Conc. Pipe | 054 In Pl. Conc. Headwall
Inv. In = 205.98' | 077 In Pl. Metal Grate
Rim = 249.91'
Bottom Of Structure = 246.25'
In Pl. Conc. Pipe | 101 In Pl. Metal Grate
Rim = 274.85'
Bottom Of Structure = 270.68'
In Pl. 15" Conc. Pipe | 123 In Pl. 15" Conc. Pipe
Inv. In = 195.19'
In Pl. 15" Conc. Pipe
Inv. Out = 194.35' | 145 In Pl. Drop Inlet
Rim = 260.60'
Inv. In = 250.10'
In Pl. 24" Conc. Pipe
Inv. Out = 250.02' |
| 013 In Pl. Metal Grate
Rim = 175.43'
Inv. In = 170.93'
In Pl. 18" Conc. Pipe
Inv. Out = 170.91' | 033 In Pl. Metal Grate
Rim = 213.97'
In Pl. 15" Conc. Pipe
Inv. Out = 210.85' | 055 In Pl. Conc. Endwall
In Pl. 15" Conc. Pipe
Inv. Out = 225.99' | 078 In Pl. Metal Grate
Rim = 246.48'
Bottom Of Structure = 242.66'
In Pl. 18" Conc. Pipe | 102 In Pl. Metal Grate
Rim = 273.95'
Bottom Of Structure = 270.87'
In Pl. Conc. Pipe | 124 In Pl. 15" Conc. Pipe
Inv. In = 203.42'
In Pl. 15" Conc. Pipe
Inv. Out = 202.06' | 146 In Pl. Endwall
In Pl. 24" Conc. Pipe
Inv. Out = 248.32' |
| 014 In Pl. 24" Metal Pipe
Inv. Out = 175.43' | 034 In Pl. Metal Grate
Rim = 213.11'
(a) Inv. In = 208.99'
(b) Inv. In = 208.99'
In Pl. 18" Plastic Pipe
Inv. Out = 208.81' | 056 In Pl. Conc. Endwall
In Pl. 15" Conc. Pipe
Inv. Out = 225.99' | 079 In Pl. Metal Grate
Rim = 246.48'
Bottom Of Structure = 242.66'
In Pl. 18" Conc. Pipe | 103 In Pl. SSMH
Rim = 280.64'
Bottom Of Structure = 270.60'
In Pl. 36" Conc. Pipe | 125 In Pl. 15" Conc. Pipe
Inv. In = 215.85'
In Pl. 15" Conc. Pipe
Inv. Out = 213.51' | 147 In Pl. 15" Conc. Pipe
Inv. In = 311.45'
In Pl. 15" Conc. Pipe
Inv. Out = 309.75' |
| 015 In Pl. 24" Metal Pipe
Inv. In = 181.82' | 035 In Pl. 18" Plastic Pipe
Inv. Out = 195.09' | 057 In Pl. Metal Grate/Slot Drain
Rim = 231.75'
In Pl. 15" Conc. Pipe
Inv. Out = 226.85' | 080 In Pl. 18" Conc. Pipe
Inv. Out = 242.13' | 104 In Pl. Metal Grate
Rim = 277.54'
Bottom Of Structure = 273.19'
In Pl. 15" Conc. Pipe | 126 In Pl. 15" Conc. Pipe
Inv. In = 224.96'
In Pl. 15" Conc. Pipe
Inv. Out = 224.85' | 148 In Pl. FES
In Pl. 18" Conc. Pipe
Inv. Out = 219.80' |
| 016 In Pl. Metal Grate
Rim = 181.23'
Inv. In = 177.62'
In Pl. 18" Conc. Pipe
Inv. Out = 177.56' | 036 In Pl. Conc. Headwall
Inv. In = 186.18'
In Pl. 57" x 60" Metal Pipe | 058 In Pl. Metal Grate
Rim = 233.11'
Bottom Of Structure = 229.34'
In Pl. Conc. Pipe | 081 In Pl. 48" Conc. Pipe
Inv. Out = 239.23' | 105 In Pl. Metal Grate
Rim = 277.35'
Bottom Of Structure = 274.10'
In Pl. Conc. Pipe | 127 In Pl. 15" Conc. Pipe
Inv. In = 227.55'
In Pl. 15" Conc. Pipe
Inv. Out = 226.75' | 149 In Pl. Drop Inlet
Rim = 241.32'
Inv. In = 224.32'
In Pl. 18" Conc. Pipe
Inv. Out = 223.12' |
| 017 In Pl. Metal Grate
Rim = 187.08'
Inv. In = 183.70'
In Pl. 15" Conc. Pipe
Inv. Out = 182.62' | 037 In Pl. Metal Grate
Rim = 213.41'
Bottom Of Structure = 209.96'
In Pl. 15" Conc. Pipe | 059 In Pl. Metal Grate
Rim = 233.41'
Bottom Of Structure = 226.65'
In Pl. 18" Conc. Pipe | 082 In Pl. 48" Conc. Pipe
Inv. In = 239.44' | 106 In Pl. Metal Grate
Rim = 273.78'
Bottom Of Structure = 268.86'
In Pl. 18" Conc. Pipe | 128 In Pl. 15" Conc. Pipe
Inv. In = 229.09'
In Pl. 15" Conc. Pipe
Inv. Out = 228.57' | 150 In Pl. Drop Inlet
Rim = 311.87'
Inv. In = 306.12'
In Pl. 15" Conc. Pipe
Inv. Out = 306.07' |
| 018 In Pl. Metal Grate
Rim = 192.19'
Inv. In = 188.10'
In Pl. 15" Conc. Pipe
Inv. Out = 188.05' | 038 In Pl. Metal Grate
Rim = 213.55'
In Pl. 15" Conc. Pipe
Inv. Out = 210.37' | 060 In Pl. Conc. Endwall
Rim = 232.37'
(a) Inv. In = 227.34'
(b) Inv. In = 225.55'
In Pl. 18" Plastic Pipe
Inv. Out = 225.09' | 083 In Pl. Metal Grate
Rim = 258.23'
Bottom Of Structure = 249.69'
In Pl. 36" Conc. Pipe | 107 In Pl. Metal Grate
Rim = 278.50'
Bottom Of Structure = 272.84'
In Pl. 36" Conc. Pipe | 129 In Pl. 15" Conc. Pipe
Inv. In = 231.12'
In Pl. 15" Conc. Pipe
Inv. Out = 231.02' | 151 In Pl. Drop Inlet
Rim = 230.01'
(a) Inv. In = 225.81'
(b) Inv. In = 225.71'
In Pl. 18" Conc. Pipe
Inv. Out = 225.65' |
| 019 In Pl. Metal Grate
Rim = 193.33'
In Pl. 15" Conc. Pipe
Inv. Out = 189.51' | 039 In Pl. Conc. Endwall
In Pl. 57" x 60" Metal Pipe
Inv. Out = 172.79' | 061 In Pl. Metal Grate/Slot Drain
Rim = 232.90'
In Pl. 15" Conc. Pipe
Inv. Out = 228.99' | 084 In Pl. Metal Grate
Rim = 255.54'
Bottom Of Structure = 252.62'
In Pl. 15" Conc. Pipe | 108 In Pl. Metal Grate
Rim = 279.78'
Bottom Of Structure = 274.23'
In Pl. 15" Conc. Pipe | 130 In Pl. 15" Conc. Pipe
Inv. In = 232.04'
In Pl. 15" Conc. Pipe
Inv. Out = 231.61' | 152 In Pl. Drop Inlet
Rim = 229.98'
Inv. In = 226.78'
In Pl. 15" Conc. Pipe
Inv. Out = 226.68' |
| 020 In Pl. Metal Grate
Rim = 188.25'
Inv. In = 185.11'
In Pl. 18" Conc. Pipe
Inv. Out = 184.95' | 040 In Pl. Conc. Headwall
In Pl. 72" Metal Pipe
Inv. Out = 163.52' | 062 In Pl. Metal Grate
Rim = 232.90'
In Pl. 15" Conc. Pipe
Inv. Out = 228.99' | 085 In Pl. Metal Grate
Rim = 255.76'
Bottom Of Structure = 252.87'
In Pl. Conc. Pipe | 109 In Pl. Metal Grate
Rim = 280.89'
Bottom Of Structure = Inaccessable | 131 In Pl. Conc. DI
Rim = 216.00'
In Pl. 15" Metal Pipe
Inv. Out = 210.00' | 153 In Pl. Drop Inlet
Rim = 243.43'
Inv. In = 238.93'
In Pl. 15" Conc. Pipe
Inv. Out = 229.83' |
| | 041 In Pl. Conc. Endwall
In Pl. 60" Metal Pipe
Inv. Out = 151.44' | 063 In Pl. Conc. Headwall
In Pl. 72" Metal Pipe
Inv. Out = 178.32' | 086 In Pl. Metal Grate
Rim = 263.89'
In Pl. 15" Conc. Pipe
Inv. Out = 260.39' | 110 In Pl. SSMH
Rim = 280.65'
Bottom Of Structure = 273.73'
In Pl. 36" Conc. Pipe | 132 In Pl. FES
In Pl. 15" Metal Pipe
Inv. Out = 207.65' | |
| | 042 In Pl. Conc. Endwall
In Pl. 72" Metal Pipe
Inv. Out = 150.90' | 064 In Pl. Conc. DI
Rim = 221.45'
In Pl. 15" Conc. Pipe | 087 In Pl. Metal Grate
Rim = 256.73'
Bottom Of Structure = 251.72'
In Pl. 18" Conc. Pipe | 111 In Pl. Metal Grate
Rim = 281.31'
Bottom Of Structure = 277.41'
In Pl. 15" Conc. Pipe | 133 In Pl. 15" Conc. Pipe
Inv. Out = 217.91'
(Abandoned) | |
| | | 065 In Pl. 15" Conc. Pipe
Inv. Out = 220.95' | 088 In Pl. Metal Grate
Rim = 264.91'
Bottom Of Structure = 258.04'
In Pl. 36" Conc. Pipe | | | |

PUBLIC HEARING PLANS
DATE: 02/21/2020

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PROJECT	SHEET NO.
0495-029-419	I(H1)

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

EXISTING DRAINAGE DESCRIPTION SHEET

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	1H(2)

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

327	In Pl. Conc. DI Rim = 301.80' Inv. In = 297.16' In Pl. 18" Conc. Pipe Inv. Out = 297.06'	363	In Pl. FES In Pl. 36" Conc. Pipe Inv. Out = 287.04'
328	In Pl. FES In Pl. 18" Conc. Pipe Inv. = 297.48'	364	In Pl. SSMH Rim = 325.70' (a) Inv. In = 319.55' (b) Inv. In = 319.55' In Pl. 18" Plastic Pipe Inv. Out = 319.50'
329	In Pl. Conc. Endwall In Pl. 30" Conc. Pipe Inv. = 266.73'	365	In Pl. Metal Grate Rim = 324.92' Inv. In = 287.33' In Pl. 30" Conc. Pipe Inv. Out = 275.63'
330	In Pl. SSMH Rim = 292.43' (a) Inv. In = 285.83' (b) Inv. In = 287.33' In Pl. 30" Conc. Pipe Inv. Out = 275.63'	366	In Pl. Metal Grate Rim = 324.65' Inv. In = 318.70' In Pl. 18" Conc. Pipe Inv. Out = 318.63'
331	In Pl. Endwall In Pl. 36" Plastic Pipe Inv. = 247.48'	367	In Pl. Metal Grate Rim = 299.69' (a) Inv. In = 290.99' (b) Inv. In = 292.69' In Pl. 24" Conc. Pipe Inv. Out = 286.29'
332	In Pl. Endwall In Pl. 18" Conc. Pipe Inv. = 255.17'	368	In Pl. Metal Grate Rim = 301.7' Inv. In = 294.47' In Pl. 18" Conc. Pipe Inv. Out = 294.22'
333	In Pl. Metal Grate Rim = 301.03' In Pl. 18" Conc. Pipe Inv. Out = 295.41'	369	In Pl. Metal Grate Rim = 294.82' Inv. In = 292.72' In Pl. 18" Conc. Pipe Inv. Out = 292.62'
334	In Pl. Endwall In Pl. 8' x 8' Box Culvert Inv. In = 291.56' In Pl. 21" Conc. Pipe Inv. Out = 291.48'	370	In Pl. Endwall In Pl. 18" Conc. Pipe Inv. Out = 282.32'
335	In Pl. Metal Grate Rim = 299.97' Inv. In = 292.05' In Pl. 18" Conc. Pipe Inv. Out = 292.00'	371	In Pl. Endwall In Pl. 8' x 8' Box Culvert Inv. In = 270.29' (b) Inv. Out = 270.30'
336	In Pl. Metal Grate Rim = 300.31' (a) Inv. In = 293.36' (b) Inv. In = 294.8' In Pl. 18" Conc. Pipe Inv. Out = 293.31'	372	In Pl. End Section In Pl. 24" Conc. Pipe Inv. In = 284.91'
337	In Pl. Metal Grate Rim = 300.10' In Pl. 18" Conc. Pipe Inv. Out = 295.94'	373	In Pl. Metal Grate Rim = 302.98' Inv. In = 298.38' In Pl. 24" Conc. Pipe Inv. Out = 298.33'
338	In Pl. Metal Grate Rim = 293.54' Inv. In = 278.24' In Pl. 18" Conc. Pipe Inv. Out = 278.19'	374	In Pl. Metal Grate Rim = 302.90' In Pl. 24" Conc. Pipe Inv. Out = 299.50'
339	In Pl. SSMH Rim = 295.72' (a) Inv. In = 274.99' (b) Inv. In = 276.29' In Pl. 24" Conc. Pipe Inv. Out = 289.99'	375	In Pl. Endwall In Pl. 5' x 6' Box Culvert Inv. Out = 280.86'
340	In Pl. FES In Pl. 24" Conc. Pipe Inv. Out = 274.81'	376	In Pl. Endwall In Pl. 15' Conc. Pipe Inv. = 288.89'
341	In Pl. Metal Grate Rim = 303.93' In Pl. 15" Conc. Pipe Inv. Out = 299.46'	377	In Pl. Metal Grate Rim = 289.05' Inv. In = 282.90' In Pl. 18" Conc. Pipe Inv. Out = 282.80'
342	In Pl. Metal Grate Rim = 289.05' Inv. In = 282.90' In Pl. 18" Conc. Pipe Inv. Out = 282.80'	378	In Pl. Metal Grate Rim = 291.40' (a) Inv. In = 283.30' (b) Inv. In = 283.30' In Pl. 18" Conc. Pipe Inv. Out = 283.20'
343	In Pl. Metal Grate Rim = 291.40' (a) Inv. In = 283.30' (b) Inv. In = 283.30' In Pl. 18" Conc. Pipe Inv. Out = 283.20'	379	In Pl. Metal Grate Rim = 301.26' Inv. In = 296.56' In Pl. 18" Conc. Pipe Inv. Out = 296.52'

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173	In Pl. Metal Grate Rim = 296.92' In Pl. 24" Metal Pipe Inv. Out = 293.31'	195	In Pl. Metal Grate Rim = 292.98' (a) Inv. In = 288.76' (b) Inv. In = 281.10' In Pl. 18" Conc. Pipe Inv. Out = 281.11'
174	In Pl. Metal Grate Rim = 300.94' Inv. In = 293.44' In Pl. 24" Metal Pipe Inv. Out = 293.39'	196	In Pl. Metal Grate Rim = 292.50' In Pl. Conc. Pipe Bottom of Structure = 285.65
175	In Pl. Metal Grate Rim = 296.00' Inv. In = 292.00' In Pl. 36" Conc. Pipe Inv. Out = 291.95'	197	In Pl. Metal Grate Rim = 292.70' In Pl. Conc. Pipe Bottom of Structure = 285.57
176	In Pl. Metal Grate Rim = 296.42' (a) Inv. In = 291.72' (b) Inv. In = 291.37' In Pl. 36" Conc. Pipe Inv. Out = 291.36'	198	In Pl. 18" Conc. Pipe Inv. In = 280.22'
177	In Pl. Metal Grate Rim = 299.74' In Pl. 15" Conc. Pipe Inv. Out = 293.24'	199	In Pl. Metal Grate Rim = 292.68' Bottom of Structure = Inaccessable
178	In Pl. Metal Grate Rim = 298.09' In Pl. 15" Conc. Pipe Inv. Out = 282.29'	200	In Pl. Conc. Headwall In Pl. 54" Metal Pipe Inv. In = 270.60' In Pl. 54" Metal Pipe Inv. Out = 266.30'
179	In Pl. Metal Grate Rim = 296.21' (a) Inv. In = 290.61' (b) Inv. In = 290.61' In Pl. 36" Conc. Pipe Inv. Out = 290.51'	201	In Pl. FES In Pl. 15" Conc. Pipe Inv. Out = 271.42'
180	In Pl. FES In Pl. 36" Conc. Pipe Inv. Out = 290.01'	202	In Pl. Metal Grate Rim = 285.26' In Pl. 15" Conc. Pipe Inv. Out = 274.12'
181	In Pl. Conc. Endwall In Pl. 24" Metal Pipe Inv. Out = 281.17'	203	In Pl. FES In Pl. 15" Conc. Pipe Inv. Out = 272.15'
182	In Pl. Headwall Inv. In = 299.91' In Pl. 24" Metal Pipe	204	In Pl. Metal Grate Rim = 276.18' In Pl. 15" Conc. Pipe Inv. Out = 273.07'
183	In Pl. 15" Conc. Pipe Inv. Out = 301.33' In Pl. 15" Conc. Pipe Inv. In = 302.97'	205	In Pl. Metal Grate Rim = 284.60 Bottom of Structure = 279.84' In Pl. 15" Conc. Pipe
184	In Pl. 24" Metal Pipe Inv. Out = 291.68'	206	In Pl. Metal Grate Rim = 277.21' Bottom of Structure = 273.39' In Pl. 15" Conc. Pipe
185	In Pl. Metal Grate Rim = 305.73' Bottom of Structure = 300.89' In Pl. Conc. Pipe	207	In Pl. Metal Grate Rim = 269.97' Bottom of Structure = 263.90' In Pl. 15" Conc. Pipe
186	In Pl. Metal Grate Rim = 304.09' Bottom of Structure = 296.54' In Pl. 24" Metal Pipe	208	In Pl. Metal Grate Rim = 262.98' (a) Inv. In = 257.26' (b) Inv. In = 257.21' In Pl. 24" Conc. Pipe Inv. Out = 257.79'
187	In Pl. FES In Pl. 24" Metal Pipe Inv. Out = 299.96'	209	In Pl. Metal Grate Rim = 277.08' Bottom of Structure = 270.92 In Pl. 12" Metal Pipe
188	In Pl. 15" Conc. Pipe Inv. In = 304.06' In Pl. 15" Conc. Pipe Inv. Out = 302.34'	210	In Pl. Metal Grate Rim = 274.92' Bottom of Structure = 270.59' In Pl. 15" Conc. Pipe
189	In Pl. 15" Conc. Pipe Inv. In = 300.94' In Pl. 15" Conc. Pipe Inv. Out = 300.48'	211	In Pl. Metal Grate Rim = 264.74' Bottom of Structure = 258.94' In Pl. Conc. Pipe
190	In Pl. Metal Grate Rim = 301.08' In Pl. 15" Conc. Pipe Inv. Out = 299.08'	212	In Pl. Metal Grate Rim = 266.48' Bottom of Structure = 257.91' In Pl. 18" Conc. Pipe
191	In Pl. FES In Pl. 15" Conc. Pipe Inv. Out = 298.18'	213	In Pl. 24" Conc. Pipe Inv. Out = 255.83'
192	In Pl. Metal Grate Rim = 290.76' In Pl. 15" Conc. Pipe Inv. Out = 287.21'	214	In Pl. 15" Conc. Pipe Inv. Out = 256.49'
193	In Pl. FES In Pl. 15" Conc. Pipe Inv. Out = 286.83'	215	In Pl. Conc. DI Rim = 245.54' In Pl. 15" Conc. Pipe Inv. Out = 242.59'
194	In Pl. Metal Grate Rim = 300.50' In Pl. 15" Conc. Pipe Bottom of Structure = 295.22'	216	In Pl. 15" Conc. Pipe Inv. Out = 230.72'
		217	In Pl. SSMH Rim = 243.98' Inv. In = 234.58' In Pl. 15" Conc. Pipe Inv. Out = 233.08'

218	In Pl. Conc. DI Rim = 252.43' Full of Debris	242	In Pl. 24" Metal Pipe Inv. In = 252.73' In Pl. 24" Metal Pipe Inv. Out = 247.13'
219	In Pl. Endwall In Pl. 60" Metal Pipe Inv. Out = 227.03'	243	In Pl. 24" Conc. Pipe Inv. In = 259.89' In Pl. 24" Conc. Pipe Inv. Out = 255.06'
220	In Pl. Metal Grate Rim = 257.21' (Inaccessable)	244	In Pl. 15" Metal Pipe Inv. In = 254.35' In Pl. 15" Metal Pipe Inv. Out = 251.74'
221	In Pl. Headwall In Pl. 60" Metal Pipe Inv. In = 233.05'	245	In Pl. Conc. Headwall In Pl. 15" Metal Pipe Inv. In = 259.32' In Pl. Conc. Endwall In Pl. 15" Metal Pipe Inv. Out = 257.27'
222	In Pl. Metal Grate Rim = 255.75' In Pl. 15" Conc. Pipe Bottom of Structure = 243.98'	246	In Pl. Headwall In Pl. 7' x 6' Box Culvert Inv. = 228.04'
223	In Pl. FES In Pl. 15" Conc. Pipe Inv. Out = 243.20'	247	In Pl. Metal Grate Rim = 248.68' Bottom of Structure = 238.30' In Pl. 15" Conc. Pipe
224	In Pl. Metal Grate Rim = 248.68' Bottom of Structure = 238.30' In Pl. 15" Conc. Pipe	248	In Pl. Metal Grate Rim = 241.49' Drops Into Box Culvert
225	In Pl. FES In Pl. 15" Conc. Pipe Inv. Out = 237.95'	249	In Pl. Endwall In Pl. 7' x 6' Box Culvert Inv. = 227.28'
226	In Pl. Metal Grate Rim = 244.85' Bottom of Structure = 237.80' In Pl. 15" Conc. Pipe	250	In Pl. Endwall In Pl. 18" Conc. Pipe Inv. = 232.85'
227	In Pl. FES In Pl. 15" Conc. Pipe Inv. Out = 237.13'	251	In Pl. Metal Grate Rim = 242.86' In Pl. 18" Conc. Pipe Inv. Out = 233.66'
228	In Pl. Metal Grate Rim = 247.93' In Pl. 15" Conc. Pipe Full of Debris	252	In Pl. Endwall In Pl. 18" Conc. Pipe Inv. = 233.28'
229	In Pl. F.E.S In Pl. 15" Conc. Pipe Inv. = 232.22'	253	In Pl. Metal Grate Rim = 244.74' Inv. In = 234.84' In Pl. 18" Conc. Pipe Inv. Out = 234.84'
230	In Pl. Endwall In Pl. 24" Conc. Pipe Inv. = 230.51'	254	In Pl. Metal Grate Rim = 245.59' Inv. In = 237.59' In Pl. 18" Conc. Pipe Inv. Out = 237.59'
231	In Pl. Metal Grate Rim = 237.92' In Pl. 24" Conc. Pipe Bottom of Structure = 232.29'	255	In Pl. Metal Grate Rim = 247.95' In Pl. 18" Conc. Pipe Bottom of Structure = 241.33'
232	In Pl. Metal Grate Rim = 241.21' In Pl. 18" Conc. Pipe Bottom of Structure = 233.71'	256	In Pl. Endwall In Pl. 18" Conc. Pipe Inv. = 241.61'
233	In Pl. Metal Grate Rim = 241.08' In Pl. 18" Conc. Pipe Bottom of Structure = 237.2' +/-	257	In Pl. Metal Grate Rim = 248.57' In Pl. 18" Conc. Pipe Inv. Out = 242.02'
234	In Pl. Metal Grate Rim = 241.37' In Pl. 18" Conc. Pipe Bottom of Structure = 237.2' +/-	258	In Pl. Endwall In Pl. 7' x 6' Box Culvert (a) Inv. = 237.73' (b) Inv. = 237.72'
235	In Pl. F.E.S In Pl. 15" Conc. Pipe Inv. = 229.17'	259	In Pl. Headwall In Pl. 7' x 6' Box Culvert (a) Inv. = 239.35' In Pl. 7' x 6' Box Culvert (b) Inv. = 239.38'
236	In Pl. SSMH Rim = 241.56' (a) Inv. In = 231.36' (b) Inv. In = 232.26' In Pl. 15" Conc. Pipe Inv. Out = 231.26'	260	In Pl. Metal Grate Rim = 252.35' Drops Into Box Culvert
237	In Pl. Metal Grate Rim = 240.74' In Pl. 15" Conc. Pipe Inv. Out = 235.64'	261	In Pl. Metal Grate Rim = 255.65' In Pl. 15" Conc. Pipe Inv. Out = 246.85'
238	In Pl. Metal Grate Rim = 235.27' In Pl. 15" Conc. Pipe Inv. Out = 231.97'	262	In Pl. Metal Grate Rim = 250.88' (a) Inv. In = 245.68' (b) Inv. In = 245.68' In Pl. 15" Conc. Pipe Inv. Out = 241.8'
239	In Pl. 24" x 12" Metal Pipe Inv. In = 284.91' In Pl. 24" x 12" Metal Pipe Inv. Out = 282.76'	263	In Pl. Metal Grate Rim = 254.49' Inv. In = 250.29' In Pl. 15" Conc. Pipe Inv. Out = 250.24'
240	In Pl. 21" Conc. Pipe Inv. In = 263.70' In Pl. 21" Conc. Pipe Inv. Out = 263.36'		
241	In Pl. 18" Conc. Pipe Inv. In = 259.18' In Pl. 18" Conc. Pipe Inv. Out = 257.26'		

264	In Pl. Metal Grate Rim = 260.70' In Pl. 15" Conc. Pipe Inv. Out = 251.00'	284	In Pl. Metal Grate Rim = 277.03' In Pl. 18" Conc. Pipe Inv. Out = 259.13'
265	In Pl. Endwall In Pl. 18" Conc. Pipe Inv. = 246.96'	285	In Pl. Metal Grate Rim = 263.12' In Pl. 18" Conc. Pipe Inv. Out = 256.77'
266	In Pl. Metal Grate Rim = 253.57' In Pl. 18" Conc. Pipe Inv. Out = 247.27'	286	In Pl. Endwall In Pl. 18" Conc. Pipe Inv. = 251.80'
267	In Pl. Endwall In Pl. 42" Conc. Pipe Inv. = 243.18'	287	In Pl. Endwall In Pl. 42" Conc. Pipe Inv. = 246.63'
268	In Pl. Metal Grate Rim = 256.88' Inv. In = 249.38' +/- In Pl. 18" Conc. Pipe Inv. Out = 242.18'	288	In Pl. Headwall In Pl. 42" Conc. Pipe Inv. Out = 260.72'
269	In Pl. Metal Grate Rim = 264.55' In Pl. 18" Conc. Pipe Inv. Out = 253.20'	289	In Pl. Headwall In Pl. 42" Conc. Pipe Inv. = 268.67'
270	In Pl. Endwall In Pl. 18" Conc. Pipe Inv. = 247.11'	290	In Pl. SSMH Rim = 269.05' (a) Inv. In = 262.73' (b) Inv. In = 255.35' In Pl. 36" Plastic Pipe Inv. Out = 255.30'
271	In Pl. Metal Grate Rim = 257.98' In Pl. 18" Conc. Pipe Inv. Out = 249.18'	291	In Pl. Metal Grate Rim = 263.76' Inv. In = 264.78' In Pl. 18" Conc. Pipe Inv. Out = 264.73'
272	In Pl. Endwall In Pl. 18" Conc. Pipe Inv. = 242.69'	292	In Pl. Metal Grate Rim = 269.49' Inv. In = 265.00' In Pl. 18" Conc. Pipe Inv. Out = 264.89'
273	In Pl. Metal Grate Rim = 259.39' Inv. In = 250.19 In Pl. 18" Conc. Pipe Inv. Out = 250.09'	293	In Pl. Metal Grate Rim = 278.50' Inv. In = 271.00' In Pl. 18" Conc. Pipe Inv. Out = 267.25'
274	In Pl. Metal Grate Rim = 268.45' In Pl. 18" Conc. Pipe Inv. Out = 255.75'	294	In Pl. Metal Grate Rim = 278.24' Inv. In = 272.44' In Pl. 18" Conc. Pipe Inv. Out = 272.39'
275	In Pl. Metal Grate Rim = 272.58' In Pl. 18" Conc. Pipe Inv. Out = 264.98'	295	In Pl. Metal Grate Rim = 278.28' (a) Inv. In = 263.91' (b) Inv. In = 263.91' (c) Inv. In = 258.41' In Pl. 30" Plastic Pipe Inv. Out = 258.36'
276	In Pl. SSMH Rim = 274.71' (a) Inv. In = 263.91' (b) Inv. In = 263.91' (c) Inv. In = 258.41' In Pl. 30" Plastic Pipe Inv. Out = 258.36'	296	In Pl. Metal Grate Rim = 271.10' In Pl. 18" Conc. Pipe Inv. Out = 262.00'
277	In Pl. Metal Grate Rim = 275.91' Inv. In = 265.36' In Pl. 18" Conc. Pipe Inv. Out = 265.31'	297	In Pl. Endwall In Pl. 18" Conc. Pipe Inv. = 253.48'
278	In Pl. Metal Grate Rim = 274.57' In Pl. 18" Conc. Pipe Inv. Out = 265.77'	298	In Pl. Endwall In Pl. 10' x 10' Box Culvert (a) Inv. = 249.90' (b) Inv. In = 281.64' In Pl. 18" Conc. Pipe Inv. Out = 276.29'
279	In Pl. Metal Grate Rim = 274.82' In Pl. 18" Conc. Pipe Inv. Out = 259.37'	299	In Pl. Headwall In Pl. 10' x 10' Box Culvert (a) Inv. = 255.96' In Pl. 10' x 10' Box Culvert (b) Inv. = 255.73' In Pl. 10' x 10' Box Culvert (c) Inv. = 256.03'
280	In Pl. Metal Grate Rim = 263.14' Inv. In = 258.46' In Pl. 18" Conc. Pipe Inv. Out = 258.42'	300	In Pl. Metal Grate Rim = 272.09' In Pl. 18" Conc. Pipe Inv. Out = 266.94'
281	In Pl. SSMH Rim = 263.93' (a) Inv. In = 255.68' (b) Inv. In = 259.25' (c) Inv. In = 253.93' In Pl. 36" Plastic Pipe Inv. Out = 248.03'	301	In Pl. Metal Grate Rim = 266.46' Inv. In = 266.46' In Pl. 18" Conc. Pipe Inv. Out = 266.41'
282	In Pl. Metal Grate Rim = 265.75' Inv. In = 258.95' In Pl. 18" Conc. Pipe Inv. Out = 258.85'	302	In Pl. Metal Grate Rim = 273.69' Inv. In = 266.14' In Pl. 18" Conc. Pipe Inv. Out = 266.09'
283	In Pl. Metal Grate Rim = 265.43' Inv. In = 259.53' In Pl. 18" Conc. Pipe Inv. Out = 259.43'	303	In Pl. SSMH Rim = 274.48' (a) Inv. In = 265.48' (b) Inv. In = 265.48' Connects to Box Culvert

304	In Pl. Metal Grate Rim = 274.24' Inv. In = 266.10' In Pl. 18" Conc. Pipe Inv. Out = 266.04'	324	In Pl. Endwall In Pl. 60" Metal Pipe Inv. = 261.62'
305	In Pl. 24" Conc. Pipe Inv. = 306.18'	325	In Pl. FES In Pl. 18" Conc. Pipe Inv. = 296.55'
306	In Pl. 24" Conc. Pipe Inv. = 313.92'	326	In Pl. Metal Grate Rim = 301.26' Inv. In = 296.56' In Pl. 18" Conc. Pipe Inv. Out = 296.52'
307	In Pl. 24" Conc. Pipe Inv. = 309.78'		
308	In Pl. 24" Conc. Pipe Inv. = 309.78'		
309	In Pl. Metal Grate Rim = 289.26' In Pl. 18" Conc. Pipe Inv. Out = 272.96'		
310	In Pl. Metal Grate Rim = 265.38' Inv. In = 262.38' In Pl. 18" Conc. Pipe Inv. Out = 259.98'		
311	In Pl. Endwall In Pl. 36" Plastic Pipe Inv. = 247.48'		
312	In Pl. Endwall In Pl. 18" Conc. Pipe Inv. = 255.17'		
313	In Pl. Metal Grate Rim = 268.31' Inv. In = 259.51' In Pl. 36" Plastic Pipe Inv. Out = 259.41'		

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE RICE Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

EXISTING DRAINAGE DESCRIPTION SHEET

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	1H(3)

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

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|---|---|---|--|---|--|---|--|--|--|--|---|--|---|---|--|--|--|---|--|---|---|--|--|---|---|---|--|---|--|---|---|---|---|--|--|--|--|---|---|--|--|--|--|--|--|--|---|---|--|---|--|---|--|--|--|---|---|--|---|---|--|---|--|--|---|---|---|---|--|--|--|--|--|---|--|---|---|--|---|---|--|---|---|---|---|--|---|---|--|--|---|---|--|--|--|---|---|--|--|--|---|---|--|--|---|--|--|--|---|--|--|---|---|--|---|---|---|---|---|---|---|--|---|---|--|---|---|--|--|---|--|--|---|---|--|--|---|--|---|---|--|--|---|---|--|---|
| 364 In Pl. Endwall
In Pl. 24" Conc. Pipe
Inv. = 304.71' | 365 In Pl. FES
In Pl. 24" Conc. Pipe
Inv. = 313.09' | 366 In Pl. Metal Grate
Rim = 320.06'
Inv. In = 314.31'
In Pl. 24" Conc. Pipe
Inv. Out = 314.26' | 367 In Pl. Metal Grate
Rim = 318.99'
In Pl. 24" Conc. Pipe
Inv. Out = 315.32' | 368 In Pl. Endwall
In Pl. 5' By 6' Box Culvert
Inv. = 284.89' | 369 In Pl. Metal Grate
Rim = 355.38'
In Pl. 24" Plastic Pipe
Inv. In = 350.16'
In Pl. 24" Plastic Pipe
Inv. Out = 349.74' | 370 In Pl. Metal Grate
Rim = 353.44'
Inv. In = 347.84'
In Pl. 24" Plastic Pipe
Inv. Out = 347.79' | 371 In Pl. SSMH
Rim = 353.35'
(a) Inv. In = 347.55'
(b) Inv. In = 329.80'
(c) Inv. In = 347.55'
In Pl. 39" Plastic Pipe
Inv. Out = 329.70' | 372 In Pl. Metal Grate
Rim = 352.71'
In Pl. 18" Plastic Pipe
Inv. Out = 348.37' | 373 In Pl. Headwall
In Pl. 39" Plastic Pipe
Inv. = 329.79' | 374 In Pl. Headwall
In Pl. 48" Conc. Pipe
Inv. = 329.74' | 375 In Pl. SSMH
Rim = 352.18'
(a) Inv. In = 343.13'
(b) Inv. In = 322.68'
(c) Inv. In = 342.23'
(d) Inv. In = 342.43'
In Pl. 42" Conc. Pipe
Inv. Out = 322.58' | 376 In Pl. Metal Grate
Rim = 349.60'
In Pl. 18" Conc. Pipe
Inv. Out = 343.10' | 377 In Pl. Metal Grate
Rim = 350.63'
Inv. In = 344.17'
In Pl. 18" Conc. Pipe
Inv. Out = 344.13' | 378 In Pl. Metal Grate
Rim = 350.47'
Inv. In = 344.74'
In Pl. 18" Conc. Pipe
Inv. Out = 344.70' | 379 In Pl. Metal Grate
Rim = 347.57'
In Pl. 18" Conc. Pipe
Inv. Out = 345.37' | 380 In Pl. SSMH
Rim = 354.15'
Inv. In = 346.80'
In Pl. 24" Conc. Pipe
Inv. Out = 344.70' | 381 In Pl. Metal Grate
Rim = 359.25'
In Pl. 24" Conc. Pipe
Inv. In = 354.59'
In Pl. 24" Conc. Pipe
Inv. Out = 352.84' | 382 In Pl. FES
In Pl. 18" Conc. Pipe
Inv. = 347.56' | 383 In Pl. Metal Grate
Rim = 355.61'
In Pl. 18" Conc. Pipe
Inv. Out = 348.11' | 384 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. = 343.12' | 385 In Pl. Metal Grate
Rim = 364.23'
Inv. In = 358.93'
In Pl. 18" Conc. Pipe
Inv. Out = 345.18' | 386 In Pl. Metal Grate
Rim = 364.89'
In Pl. 18" Conc. Pipe
Inv. Out = 359.64' | 387 In Pl. 12" Plastic Pipe
Inv. In = 343.58' | 388 In Pl. 12" Plastic Pipe
Inv. Out = 343.35' | 389 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. = 349.59' | 390 In Pl. Metal Grate
Rim = 358.57'
Inv. In = 353.97'
In Pl. 18" Conc. Pipe
Inv. Out = 350.77' | 391 In Pl. Metal Grate
Rim = 359.48'
In Pl. 18" Conc. Pipe
Inv. Out = 354.53' | 392 In Pl. SSMH
Rim = 340.86'
In Pl. 24" Plastic Pipe
Inv. In = 333.66'
In Pl. 24" Plastic Pipe
Inv. Out = 333.62' | 393 In Pl. SSMH
Rim = 339.95'
Inv. In = 332.90'
In Pl. 24" Conc. Pipe
Inv. Out = 332.85' | 394 In Pl. Metal Grate
Rim = 338.52'
(a) Inv. In = Inaccessible
(b) Inv. In = Inaccessible
In Pl. 24" Conc. Pipe
Inv. Out = Inaccessible | 395 In Pl. Metal Grate
Rim = 338.15'
Inv. In = 335.01'
In Pl. 18" Conc. Pipe
Inv. Out = 333.05' | 396 In Pl. Metal Grate
Rim = 339.65' | 397 In Pl. SSMH
Rim = 334.30'
(a) Inv. In = 324.80'
(b) Inv. In = 324.50'
In Pl. 24" Conc. Pipe
Inv. Out = 320.00' | 398 In Pl. Metal Grate
Rim = 341.17'
In Pl. 18" Conc. Pipe
Inv. Out = 335.87' | 399 In Pl. Endwall
Inv. Out = 307.24' | 400 In Pl. SSMH
Rim = 314.50'
Inv. In = 307.52'
In Pl. 24" Conc. Pipe
Inv. Out = 307.47' | 401 In Pl. Metal Grate
Rim = 320.03'
(a) Inv. In = 314.91'
(b) Inv. In = 312.53'
In Pl. 24" Conc. Pipe
Inv. Out = 309.03' | 402 In Pl. Metal Grate
Rim = 318.63'
Inv. In = 313.63'
In Pl. 18" Conc. Pipe
Inv. Out = 312.88' | 403 In Pl. Metal Grate
Rim = 340.45'
Inv. In = 335.45'
In Pl. 18" Conc. Pipe
Inv. Out = 313.45' | 404 In Pl. Metal Grate
Rim = 341.98'
In Pl. 18" Conc. Pipe
Inv. Out = 336.98' | 405 In Pl. Metal Grate
Rim = 326.39'
(a) Inv. In = 321.49'
(b) Inv. In = 321.39'
In Pl. 18" Conc. Pipe
Inv. Out = 317.09' | 406 In Pl. Metal Grate
Rim = 326.19'
In Pl. 18" Conc. Pipe
Inv. Out = 321.99' | 407 In Pl. SSMH
Rim = 339.62'
Inv. In = 332.85'
In Pl. 18" Conc. Pipe
Inv. Out = 325.17' | 408 In Pl. Metal Grate
Rim = 349.95'
In Pl. 18" Conc. Pipe
Inv. Out = 341.20' | 409 In Pl. SSMH
Rim = 328.45'
Inv. In = 319.95'
In Pl. 30" Conc. Pipe
Inv. Out = 305.95' | 410 In Pl. Metal Grate
Rim = 332.99'
(a) Inv. In = 328.59'
(b) Inv. In = 328.09'
In Pl. 30" Conc. Pipe
Inv. Out = 321.99' | 411 In Pl. SSMH
Rim = 336.99'
(a) Inv. In = 329.49'
(b) Inv. In = 329.99'
In Pl. 24" Plastic Pipe
Inv. Out = 328.39' | 412 In Pl. SSMH
Rim = 336.99'
(a) Inv. In = 329.49'
(b) Inv. In = 329.99'
In Pl. 24" Plastic Pipe
Inv. Out = 328.39' | 413 In Pl. Metal Grate
Rim = 351.34'
Inverts Inaccessible
Bottom of Structure = 331.30' +/- | 414 In Pl. Metal Grate
Rim = 350.69'
Inv. In = 341.49'
In Pl. 18" Conc. Pipe
Inv. Out = 341.34' | 415 In Pl. Metal Grate
Rim = 350.54'
Inv. In = 341.24' | 416 In Pl. Metal Grate
(a) Inv. In = 344.81'
(b) Inv. In = 341.85'
In Pl. 18" Conc. Pipe
Inv. Out = 341.71' | 417 In Pl. Metal Grate
Rim = 357.54'
In Pl. 18" Conc. Pipe
Inv. Out = 352.54' | 418 In Pl. Metal Grate
Rim = 347.09'
In Pl. 18" Conc. Pipe
Inv. Out = 342.37' | 419 In Pl. Metal Grate
Rim = 348.04'
In Pl. 18" Conc. Pipe
Inv. Out = 343.29' | 420 In Pl. Metal Grate
Rim = 335.77'
Inv. In = 313.63'
In Pl. 18" Conc. Pipe
Inv. Out = 331.50' | 421 In Pl. SSMH
Rim = 336.43'
(a) Inv. In = 329.28'
(b) Inv. In = 330.18'
In Pl. 24" Plastic Pipe
Inv. Out = 329.23' | 422 In Pl. Metal Grate
Rim = 336.33'
In Pl. 36" Conc. Pipe
Inv. Out = 330.18' | 423 In Pl. Metal Grate
Rim = 335.61'
Inv. In = 329.87'
In Pl. 18" Plastic Pipe
Inv. Out = 329.83' | 424 In Pl. Metal Grate
Rim = 340.64' +/-
Under Const.
Inverts Inaccessible | 425 In Pl. Metal Grate
Rim = 368.30'
In Pl. 18" Conc. Pipe
Invert Inaccessible
Bottom of Structure = 343.60' +/- | 426 Rim = 341.70' +/-
Under Const.
Inverts Inaccessible | 427 In Pl. SSMH
Rim = 342.72'
Inv. In = 336.72'
In Pl. 18" Plastic Pipe
Inv. Out = 336.65' | 428 In Pl. SSMH
Rim = 345.94'
Inv. In = 338.52'
In Pl. 18" Plastic Pipe
Inv. Out = 338.47' | 429 In Pl. Metal Grate
Rim = 342.27' +/-
In Pl. 18" Plastic Pipe
Invert Inaccessible | 430 In Pl. SSMH
Rim = 337.04'
(a) Inv. In = 330.64'
(b) Inv. In = 330.64'
In Pl. 18" Plastic Pipe
Inv. Out = 330.59' | 431 In Pl. Metal Grate
Rim = 340.65'
Inv. In = 336.26'
In Pl. 18" Plastic Pipe
Inv. Out = 336.16' | 432 In Pl. Metal Grate
Rim = 344.70'
Inv. In = 339.10'
In Pl. 18" Plastic Pipe
Inv. Out = 339.04' | 433 In Pl. Metal Grate
Rim = 347.48'
In Pl. 18" Plastic Pipe
Inv. Out = 343.08' | 434 In Pl. Metal Grate
Rim = 349.17'
In Pl. 18" Plastic Pipe Stubbed | 435 In Pl. Metal Grate
Rim = 346.35'
Inv. Inaccessible
Under Const. | 436 In Pl. Metal Grate
Rim = 325.95'
(a) Inv. In = 316.55'
(b) Inv. In = 316.35'
In Pl. 60" Conc. Pipe
Inv. Out = 316.30' | 437 In Pl. SSMH
Rim = 327.35'
Inv. In = 316.60'
In Pl. 48" Conc. Pipe
Inv. Out = 316.56' | 438 In Pl. Endwall
In Pl. 36" Conc. Pipe
Inv. = 294.48' | 439 In Pl. Headwall
In Pl. 36" Conc. Pipe
Inv. Out = 295.47' | 440 In Pl. Endwall
In Pl. 36" Conc. Pipe
Inv. = 395.30' | 441 In Pl. SSMH
Inv. In = 298.38'
In Pl. 36" Conc. Pipe
Inv. Out = 298.18' | 442 In Pl. Headwall
In Pl. 60" Conc. Pipe
(a) Inv. = 292.44'
In Pl. 4'(h) x 7'(w) Box Culvert
(b) Inv. = 292.56'
In Pl. 4'(h) x 7'(w) Box Culvert
(c) Inv. = 292.73' | 443 In Pl. Metal Grate
Rim = 291.53'
Inv. In = 287.91'
In Pl. 18" Conc. Pipe
Inv. Out = 287.88' | 444 In Pl. Metal Grate
Rim = 297.33'
Inv. In = 290.71'
In Pl. 18" Conc. Pipe
Inv. Out = 290.68' | 445 In Pl. Metal Grate
Rim = 303.19'
In Pl. 18" Conc. Pipe
Inv. Out = 294.79' | 446 In Pl. Endwall
In Pl. 30" Conc. Pipe
Inv. = 278.59' | 447 In Pl. SSMH
Rim = 290.25'
(a) Inv. In = 279.35'
(b) Inv. In = 279.35'
In Pl. 30" Conc. Pipe
Inv. Out = 279.30' | 448 In Pl. SSMH
Rim = 288.56'
(a) Inv. In = 281.56'
(b) Inv. In = 281.56'
In Pl. 30" Conc. Pipe
Inv. Out = 281.51' | 449 In Pl. SSMH
Rim = 292.39'
(a) Inv. In = 285.89'
(b) Inv. In = 285.89'
In Pl. 30" Conc. Pipe
Inv. Out = 285.82' | 450 In Pl. Metal Grate
Rim = 294.17'
(a) Inv. In = 287.22'
(b) Inv. In = 287.22'
In Pl. 30" Conc. Pipe
Inv. Out = 287.17' | 451 In Pl. SSMH
Rim = 298.44'
In Pl. 24" Conc. Pipe
Inv. In = 290.49'
In Pl. 30" Conc. Pipe
Inv. Out = 290.44' | 452 In Pl. Metal Grate
Rim = 295.33'
Inv. In = 288.63'
In Pl. 18" Conc. Pipe
Inv. Out = 288.53' | 453 In Pl. Metal Grate
Rim = 297.60'
In Pl. 18" Conc. Pipe
Inv. Out = 289.00' | 454 In Pl. Metal Grate
Rim = 294.53'
In Pl. 18" Conc. Pipe
Inv. Out = 288.03' | 455 In Pl. Metal Grate
Rim = 291.95'
Same Str. As C113
Bottom of Structure = 286.05' | 456 In Pl. Metal Grate
Rim = 292.95'
Same Str. As C112
Bottom of Structure = 286.05' | 457 In Pl. Metal Grate
Rim = 292.29'
(a) Inv. In = 283.35'
(b) Inv. In = 283.35'
In Pl. 18" Conc. Pipe
Inv. Out = 283.29' | 458 In Pl. Metal Grate
Rim = 292.20'
In Pl. 18" Conc. Pipe
Inv. Out = 285.20' | 459 In Pl. Metal Grate
Rim = 289.12'
In Pl. 18" Conc. Pipe
Inv. Out = 283.52' | 460 In Pl. Metal Grate
Rim = 289.13'
Inv. In = 282.98'
In Pl. 18" Conc. Pipe
Inv. Out = 282.96' | 461 In Pl. Metal Grate
Rim = 293.08'
Same Str. As C119
Bottom of Structure = 284.38' | 462 In Pl. Metal Grate
Rim = 289.44'
Same Str. As C118
Inv. In = 283.04'
In Pl. 18" Conc. Pipe
Inv. Out = 282.98' | 463 In Pl. Metal Grate
Rim = 289.44'
(a) Inv. In = 281.77'
(b) Inv. In = 281.77'
In Pl. 18" Conc. Pipe
Inv. Out = 281.70' | 464 In Pl. Metal Grate
Rim = 291.54'
Same Str. As C122
Inv. Out = 283.98' | 465 In Pl. Metal Grate
Rim = 293.43'
Same Str. As C121
Bottom of Structure = 284.73' | 466 In Pl. Endwall
In Pl. 72" Conc. Pipe
Inv. = 283.55' | 467 In Pl. SSMH
Rim = 300.12'
(a) Inv. In = 282.77'
(b) Inv. In = 282.77'
Drops into Box Culvert | 468 In Pl. Metal Grate
Rim = 293.48'
In Pl. 18" Conc. Pipe
Inv. Out = 288.98' | 469 In Pl. Metal Grate
Rim = 290.91'
Inv. In = 285.35'
In Pl. 18" Conc. Pipe
Inv. Out = 285.31' | 470 In Pl. SSMH
Rim = 292.29'
Inv. In = 285.22'
In Pl. 18" Conc. Pipe
Inv. Out = 285.18' | 471 In Pl. Metal Grate
Rim = 291.32'
(a) Inv. In = 285.44'
(b) Inv. In = 285.44'
In Pl. 18" Conc. Pipe
Inv. Out = 285.40' | 472 In Pl. Metal Grate
Rim = 290.24'
In Pl. 18" Conc. Pipe
Inv. Out = 285.99' | 473 In Pl. Metal Grate
Rim = 290.99'
Inv. In = 287.42'
In Pl. 18" Conc. Pipe
Inv. Out = 287.37' | 474 In Pl. Metal Grate
Rim = 290.97'
In Pl. 18" Conc. Pipe
Inv. Out = 287.97' | 475 In Pl. Headwall
In Pl. 72" Conc. Pipe
(a) Inv. = 274.79'
In Pl. 6'(h) x 8'(w) Box Culvert
(b) Inv. = 274.66'
In Pl. 6'(h) x 8'(w) Box Culvert
(c) Inv. = 274.70' | 476 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. = 283.64' | 477 In Pl. Metal Grate
Rim = 291.93'
Inv. In = 286.93'
In Pl. 18" Conc. Pipe
Inv. Out = 285.43' | 478 In Pl. Metal Grate
Rim = 296.70'
In Pl. 18" Conc. Pipe
Inv. Out = 285.43' | 479 In Pl. Endwall
In Pl. 60" Conc. Pipe
Inv. = 287.48' | 480 In Pl. SSMH
Rim = 307.51'
Inv. Inaccessible
In Pl. 60" Conc. Pipe
Bottom of Structure = 289.40' +/- | 481 In Pl. Metal Grate
Rim = 289.44'
Inv. In = 283.04'
In Pl. 18" Conc. Pipe
Inv. Out = 282.98' | 482 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. = 291.78' | 483 In Pl. Metal Grate
In Pl. 18" Conc. Pipe
Inv. Out = 298.71' | 484 In Pl. Endwall
In Pl. 24" Conc. Pipe
Inv. = 312.18' | 485 In Pl. SSMH
Rim = 321.51'
(a) Inv. In = 313.84'
(b) Inv. In = 313.84'
In Pl. 24" Conc. Pipe | 486 In Pl. Metal Grate
Rim = 322.50'
In Pl. 18" Conc. Pipe
Inv. Out = 316.40' | 487 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. = 323.90' | 488 In Pl. Metal Grate
Rim = 330.56'
Inv. In = 323.84'
In Pl. 18" Conc. Pipe
Inv. Out = 323.81' | 489 In Pl. Metal Grate
Rim = 330.80'
In Pl. 18" Conc. Pipe
Inv. Out = 327.10' | 490 In Pl. SSMH
Rim = 330.98'
(a) Inv. In = 324.25'
(b) Inv. In = 324.26'
In Pl. 18" Conc. Pipe
Inv. Out = 324.25' | 491 In Pl. Metal Grate
Rim = 277.98'
Inv. In = 272.34'
In Pl. 18" Conc. Pipe
Inv. Out = 270.68' | 492 In Pl. SSMH
Rim = 329.58'
Inv. In = 325.28'
In Pl. 18" Conc. Pipe
Inv. Out = 325.52' | 493 In Pl. Metal Grate
Rim = 329.12'
In Pl. 18" Conc. Pipe
Inv. Out = 325.52' | 494 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. = 268.94' | 495 In Pl. Metal Grate
Rim = 288.76'
In Pl. 18" Conc. Pipe
Inv. Out = 273.86' | 496 In Pl. Metal Grate
Rim = 270.40'
Bottom of Structure = 268.55' | 497 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. = 273.81' | 498 In Pl. Metal Grate
Rim = 284.92'
Inv. In = 279.62'
In Pl. 18" Conc. Pipe
Inv. Out = 274.42' | 499 In Pl. Metal Grate
Rim = 290.34'
In Pl. 18" Conc. Pipe
Inv. Out = 285.44' | 500 In Pl. Metal Grate
Rim = 286.43'
In Pl. 18" Conc. Pipe
Inv. Out = 273.03' | 501 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. = 272.68' | 502 In Pl. Metal Grate
Rim = 281.40'
In Pl. 18" Conc. Pipe
Inv. Out = 275.57' | 503 In Pl. Metal Grate
Rim = 279.96'
Inv. In = 275.21'
In Pl. 18" Conc. Pipe
Inv. Out = 275.16' | 504 In Pl. Metal Grate
Rim = 276.51'
Inv. In = 271.76'
In Pl. 18" Conc. Pipe
Inv. Out = 271.66' | 505 In Pl. Metal Grate
Rim = 277.68'
(a) Inv. In = 269.68'
(b) Inv. In = 269.68'
Bottom of Structure = 253.98' | 506 In Pl. Metal Grate
Rim = 278.51'
Same Str. As C164 | 507 In Pl. Metal Grate
Rim = 277.62'
Inv. In = 270.72'
In Pl. 18" Conc. Pipe
Inv. Out = 270.42' | 508 In Pl. Metal Grate
Rim = 279.05'
Inv. In = 272.65'
In Pl. 18" Conc. Pipe
Inv. Out = 272.55' | 509 In Pl. Metal Grate
Rim = 284.54'
In Pl. 18" Conc. Pipe
Inv. Out = 279.34' | 510 In Pl. Metal Grate
Rim = 277.98'
Inv. In = 272.34'
In Pl. 18" Conc. Pipe
Inv. Out = 270.68' |
|---|---|---|--|---|--|---|--|--|--|--|---|--|---|---|--|--|--|---|--|---|---|--|--|---|---|---|--|---|--|---|---|---|---|--|--|--|--|---|---|--|--|--|--|--|--|--|---|---|--|---|--|---|--|--|--|---|---|--|---|---|--|---|--|--|---|---|---|---|--|--|--|--|--|---|--|---|---|--|---|---|--|---|---|---|---|--|---|---|--|--|---|---|--|--|--|---|---|--|--|--|---|---|--|--|---|--|--|--|---|--|--|---|---|--|---|---|---|---|---|---|---|--|---|---|--|---|---|--|--|---|--|--|---|---|--|--|---|--|---|---|--|--|---|---|--|---|

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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PROJECT	SHEET NO.
0495-029-419	1H(3)

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

EXISTING DRAINAGE DESCRIPTION SHEET

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	IH(4)

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

- 511 In Pl. Metal Grate
Rim = 278.14'
Inv. In = 272.44'
In Pl. 18" Conc. Pipe
Inv. Out = 270.74'
- 512 In Pl. Metal Grate
Rim = 278.23'
In Pl. 18" Conc. Pipe
Inv. Out = 273.53'
- 513 In Pl. Endwall
In Pl. 30" Conc. Pipe
Inv. = 256.18'
- 514 In Pl. Metal Grate
Rim = 272.23'
Inv. In = 264.48'
In Pl. 30" Conc. Pipe
Inv. Out = 264.48'
- 515 In Pl. Metal Grate
Rim = 271.99'
Inv. In = 265.54'
In Pl. 30" Conc. Pipe
Inv. Out = 265.49'
- 516 In Pl. Metal Grate
Rim = 272.25'
Inv. In = 265.65'
In Pl. 30" Conc. Pipe
Inv. Out = 265.61'
- 517 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. Out = 259.92'
- 518 In Pl. Metal Grate
Rim = 273.88'
In Pl. 18" Conc. Pipe
Inv. Out = 260.88'
- 519 In Pl. Headwall
In Pl. 8'(w) x 6'(h) Box Culvert
Inv. = 253.98'
- 520 In Pl. Metal Grate
Rim = 274.58'
Inv. In = 267.48'
In Pl. 18" Conc. Pipe
Inv. Out = 267.41'
- 521 In Pl. Metal Grate
Rim = 275.66'
Same As Str. C178
- 522 In Pl. Metal Grate
Rim = 274.65'
(a) Inv. In = 266.65'
(b) Inv. In = 268.25'
In Pl. 30" Conc. Pipe
Inv. Out = 266.65'
- 523 In Pl. Metal Grate
Rim = 274.72'
Inv. In = 268.52'
In Pl. 24" Conc. Pipe
Inv. Out = 268.62'
- 524 In Pl. SSMH
Rim = 292.25'
Inv. In = 283.15'
In Pl. 24" Conc. Pipe
Inv. Out = 269.75'
- 525 In Pl. Metal Grate
Rim = 298.15'
Inv. In = 294.65'
In Pl. 24" Conc. Pipe
Inv. Out = 286.98'
- 526 In Pl. F.E.S
In Pl. 18" Conc. Pipe
Inv. = 295.07'
- 527 In Pl. Metal Grate
Rim = 276.94'
In Pl. 18" Conc. Pipe
Inv. Out = 272.24'
- 528 In Pl. Metal Grate
Rim = 278.35'
Inverts Inaccessible
Str. Full Of Debris
- 529 In Pl. Metal Grate
Rim = 278.79'
Inverts Inaccessible
Str. Full Of Debris
- 530 In Pl. Headwall
In Pl. 24" Conc. Pipe
Inv. = 301.70'
- 531 In Pl. SSMH
Rim = 307.51'
(a) Inv. In = 302.01'
(b) Inv. In = 299.51'
In Pl. 36" Conc. Pipe
Inv. Out = 292.51'
- 532 In Pl. SSMH
Rim = 304.11'
Inv. In = 293.34'
In Pl. 39" Plastic Pipe
Inv. Out = 289.89'
- 533 In Pl. Endwall
In Pl. 39" Plastic Pipe
Inv. Out = 289.74'
- 1005 In Pl. Metal Grate
Rim = 308.77'
Inv. In = 301.52'
In Pl. 36" Conc. Pipe
Inv. Out = 301.47'
- 535 In Pl. Metal Grate
Rim = 308.82'
Inv. In = 302.67'
In Pl. 36" Conc. Pipe
Inv. Out = 302.62'
- 536 In Pl. Metal Grate
Rim = 309.68'
Inv. In = 304.38'
In Pl. 36" Conc. Pipe
Inv. Out = 304.35'
- 537 In Pl. Headwall
In Pl. 54" Conc. Pipe
Inv. = 289.75'
- 538 In Pl. SSMH
Rim = 296.89'
Inv. In = 288.39'
In Pl. 54" Conc. Pipe
Inv. Out = 281.04'
- 539 In Pl. F.E.S
In Pl. 54" Conc. Pipe
Inv. = 281.09'
- 540 In Pl. F.E.S
In Pl. 30" Conc. Pipe
Inv. = 283.54'
- 541 In Pl. SSMH
Rim = 292.36'
(a) Inv. In = 284.76'
(b) Inv. In = 284.86'
In Pl. 30" Conc. Pipe
Inv. Out = 284.06'
- 542 In Pl. SSMH
Rim = 308.26'
Inv. In = 286.96'
In Pl. 30" Conc. Pipe
Inv. Out = 286.91'
- 543 In Pl. Metal Grate
Rim = 297.22'
Inv. In = 288.14'
In Pl. 36" Conc. Pipe
Inv. Out = 288.10'
- 544 In Pl. Metal Grate
Rim = 300.82'
(a) Inv. In = 290.22'
(b) Inv. In = 294.42'
In Pl. 18" Conc. Pipe
Inv. Out = 290.12'
- 545 In Pl. Metal Grate
Rim = 297.56'
In Pl. 18" Conc. Pipe
Inv. Out = 292.26'
- 546 In Pl. Metal Grate
Rim = 302.48'
In Pl. 18" Conc. Pipe
Inv. Out = 298.28'
- 547 In Pl. SSMH
Rim = 291.89'
Inv. In = 286.13'
In Pl. 18" Conc. Pipe
Inv. Out = 286.09'
- 548 In Pl. SSMH
Rim = 319.52'
Inv. In = 313.02'
In Pl. 18" Conc. Pipe
Inv. Out = 295.96'
- 549 In Pl. SSMH
Rim = 328.45'
(a) Inv. In = 321.20'
(b) Inv. In = 320.55'
In Pl. 18" Conc. Pipe
Inv. Out = 313.85'
- 550 In Pl. Metal Grate
Rim = 327.44'
Inv. In = 321.60'
In Pl. 18" Conc. Pipe
Inv. Out = 321.54'
- 551 In Pl. Metal Grate
Rim = 328.90'
Inv. In = 322.70'
In Pl. 18" Conc. Pipe
Inv. Out = 322.60'
- 552 In Pl. SSMH
Rim = 330.95'
Inv. In = 323.45'
In Pl. 18" Conc. Pipe
Inv. Out = 323.35'
- 553 In Pl. Metal Grate
Rim = 330.55'
In Pl. 18" Conc. Pipe
Inv. Out = 324.55'
- 554 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. Out = 292.96'
- 555 In Pl. Metal Grate
Rim = 300.75'
Inv. In = 295.50'
In Pl. 18" Conc. Pipe
Inv. Out = 293.68'
- 556 In Pl. Metal Grate
Rim = 299.99'
In Pl. 18" Conc. Pipe
Inv. Out = 295.99'
- 557 In Pl. Endwall
In Pl. 36" Conc. Pipe
Inv. Out = 291.12'
- 558 In Pl. SSMH
Rim = 300.04'
(a) Inv. In = 293.24'
(b) Inv. In = 292.09'
In Pl. 36" Conc. Pipe
Inv. Out = 292.06'
- 559 In Pl. Metal Grate
Rim = 299.88'
Inv. In = 294.60'
In Pl. 18" Conc. Pipe
Inv. Out = 294.56'
- 560 In Pl. Metal Grate
Rim = 299.96'
Inv. In = 295.94'
In Pl. 18" Conc. Pipe
Inv. Out = 295.89'
- 561 In Pl. Metal Grate (2)
Rim = 300.75' (North)
Rim = 304.68' (South)
(a) Inv. In = 294.48'
(b) Inv. In = 293.85'
(c) Inv. In = 294.42'
In Pl. 36" Conc. Pipe
Inv. Out = 292.88'
- 562 In Pl. Metal Grate
Rim = 300.81'
In Pl. 18" Conc. Pipe
Inv. Out = 295.43'
- 563 In Pl. Metal Grate
Rim = 304.17'
In Pl. 18" Conc. Pipe
Inv. Out = 299.34'
- 564 In Pl. Metal Grate
Rim = 301.19'
In Pl. 27" Conc. Pipe
Inv. Out = 295.49'
- 565 In Pl. Metal Grate
Rim = 301.25'
Inv. In = 296.75'
In Pl. 18" Conc. Pipe
Inv. Out = 296.65'
- 566 In Pl. Metal Grate
Rim = 302.16'
(a) Inv. In = 298.18'
(b) Inv. In = 298.18'
In Pl. 18" Conc. Pipe
Inv. Out = 298.14'
- 567 In Pl. Metal Grate
Rim = 302.54'
In Pl. 18" Conc. Pipe
Inv. Out = 299.54'
- 568 In Pl. Metal Grate
Rim = 303.12'
In Pl. 18" Conc. Pipe
Inv. Out = 299.42'
- 569 In Pl. Conc. Riser
Top = 283.97'
In Pl. 12'(w) x 1'(h) Wier
Inv. = 281.00'
In Pl. 4" Weep Hole
Inv. = 278.51'
(a) In Pl. 30" Conc. Pipe
Inv. Out = 378.05'
(b) In Pl. 36" Conc. Pipe
Inv. Out = 278.09'
- 570 In Pl. Metal Grate
Rim = 289.89'
Inv. In = 273.82'
In Pl. 36" Conc. Pipe
Inv. Out = 273.77'
- 571 In Pl. Endwall
In Pl. 30" Conc. Pipe
(a) Inv. = 265.32'
In Pl. 36" Conc. Pipe
(b) Inv. = 265.30'
- 572 In Pl. 18" Conc. Pipe
Inv. = 276.18'
- 573 In Pl. Metal Grate
Rim = 286.10'
In Pl. 18" Conc. Pipe
Inv. Out = 278.90'
- 574 In Pl. F.E.S
In Pl. 18" Conc. Pipe
Inv. = 316.42'
- 575 In Pl. Metal Grate
Rim = 323.62'
Inv. In = 316.72'
In Pl. 18" Conc. Pipe
Inv. Out = 316.67'
- 576 In Pl. Metal Grate
Rim = 322.82'
In Pl. 18" Conc. Pipe
Inv. Out = 317.72'
- 577 In Pl. F.E.S
In Pl. 18" Conc. Pipe
Inv. = 316.63'
- 578 In Pl. Metal Grate
Rim = 328.08'
Inv. In = 320.68'
In Pl. 18" Conc. Pipe
Inv. Out = 318.08'
- 579 In Pl. Metal Grate
Rim = 326.92'
In Pl. 18" Conc. Pipe
Inv. Out = 321.92'
- 580 In Pl. F.E.S
In Pl. 18" Conc. Pipe
Inv. = 295.02'
- 581 In Pl. Metal Grate
Rim = 299.85'
Inv. In = 295.27'
In Pl. 18" Conc. Pipe
Inv. Out = 295.23'
- 582 In Pl. Metal Grate
Rim = 298.81'
In Pl. 18" Conc. Pipe
Inv. Out = 295.91'
- 583 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. = 304.90'
- 584 In Pl. Metal Grate
Rim = 311.27'
Inv. In = 305.2' +/-
In Pl. 18" Conc. Pipe
Inv. Out = 305.1' +/-
(Structure Has Debris)
- 585 In Pl. Metal Grate
Rim = 310.62'
In Pl. 18" Conc. Pipe
Inv. Out = 306.1 +/-
(Structure Has Debris)
- 586 In Pl. Endwall
In Pl. 24" Conc. Pipe
Inv. = 262.07'
- 587 In Pl. F.E.S
In Pl. 24" Conc. Pipe
Inv. = 268.12'
- 588 In Pl. Endwall
In Pl. 7'(h) x 10'(w) Box Culvert
(a) Inv. = 263.90'
In Pl. 7'(h) x 10'(w) Box Culvert
(b) Inv. = 263.84'
- 589 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. = 286.59'
- 590 In Pl. Metal Grate
Rim = 293.52'
In Pl. 18" Conc. Pipe
Inv. Out = 287.42'
- 591 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. = 286.52'
- 592 In Pl. Metal Grate
Rim = 291.77'
In Pl. 18" Conc. Pipe
Inv. Out = 286.97'
- 593 In Pl. Endwall
In Pl. 48" Conc. Pipe
Inv. = 278.91'
- 594 In Pl. Headwall
In Pl. 48" Conc. Pipe
Inv. = 285.75'
- 595 In Pl. F.E.S
In Pl. 18" Conc. Pipe
Inv. = 275.97'
- 596 In Pl. Metal Grate
Rim = 285.50'
In Pl. 18" Conc. Pipe
Inv. Out = 277.20'
- 597 In Pl. Headwall
In Pl. 8'(h) x 8'(w) Box Culvert
(a) Inv. = 260.92'
In Pl. 8'(h) x 8'(w) Box Culvert
(b) Inv. = 260.80'
- 598 In Pl. F.E.S
In Pl. 24" Conc. Pipe
Inv. = 270.13'
- 599 In Pl. SSMH
Rim = 291.71'
Inv. In = 273.21'
In Pl. 24" Conc. Pipe
Inv. Out = 272.11'
- 600 In Pl. Metal Grate
Rim = 281.46'
Inv. In = 273.65'
In Pl. 18" Conc. Pipe
Inv. Out = 273.60'
- 601 In Pl. SSMH
Rim = 281.38'
Inv. In = 274.53'
In Pl. 18" Conc. Pipe
Inv. Out = 274.48'
- 602 In Pl. Metal Grate
Rim = 281.79'
Inv. In = 275.01'
In Pl. 18" Conc. Pipe
Inv. Out = 274.96'
- 603 In Pl. SSMH
Rim = 280.31'
(a) Inv. In = 274.93'
(b) Inv. In = 274.93'
In Pl. 18" Conc. Pipe
Inv. Out = 274.91'
- 604 In Pl. Metal Grate
Rim = 279.67'
In Pl. 18" Conc. Pipe
Inv. Out = 275.27'
- 605 In Pl. Metal Grate
Rim = 280.23'
Inv. In = 275.75'
In Pl. 18" Conc. Pipe
Inv. Out = 275.70'
- 606 In Pl. Endwall
In Pl. 24" Conc. Pipe
Inv. = 276.19'
- 607 In Pl. F.E.S
In Pl. 18" Conc. Pipe
Inv. = 275.35'
- 608 In Pl. SSMH
Rim = 283.29'
(a) Inv. In = 280.79'
(b) Inv. In = 276.84'
In Pl. 18" Conc. Pipe
Inv. Out = 276.79'
- 609 In Pl. Metal Grate
Inaccessible
- 610 In Pl. Metal Grate
Rim = 281.34'
In Pl. 15" Conc. Pipe
Inv. Out = 277.15'
- 611 In Pl. Endwall
In Pl. 8'(h) x 8'(w) Box Culvert
(a) Inv. = 265.45'
In Pl. 8'(h) x 8'(w) Box Culvert
(b) Inv. = 265.38'
- 612 In Pl. Headwall
In Pl. 8'(h) x 8'(w) Box Culvert
(a) Inv. = 266.51'
In Pl. 8'(h) x 8'(w) Box Culvert
(b) Inv. = 266.58'
- 613 In Pl. Endwall
In Pl. 18" Conc. Pipe
Inv. = 280.68'
- 614 In Pl. Metal Grate
Rim = 288.68'
In Pl. 18" Conc. Pipe
Inv. Out = 283.34'
- 615 In Pl. Endwall
In Pl. 24" Conc. Pipe
Inv. = 280.68'
- 616 In Pl. Metal Grate
Rim = 283.98'
In Pl. 24" Conc. Pipe
Inv. Out = 273.28'
- 617 In Pl. Endwall
In Pl. 60" Conc. Pipe
(a) Inv. = 268.25'
In Pl. 4'(h) x 7'(w) Box Culvert
(b) Inv. = 268.29'
In Pl. 4'(h) x 7'(w) Box Culvert
(c) Inv. = 268.44'
- 618 In Pl. Endwall
In Pl. 72" Conc. Pipe
(a) Inv. = 270.39'
In Pl. 6'(h) x 8'(w) Box Culvert
(b) Inv. = 270.53'
In Pl. 6'(h) x 8'(w) Box Culvert
(c) Inv. = 270.57'
- 619 In Pl. SSMH
Rim = 292.79'
(a) Inv. In = 286.19'
(b) Inv. In = 286.19'
In Pl. 6'(h) x 8'(w) Box Culvert
Inv. = 272.44'
- 620 In Pl. Metal Grate
Rim = 290.55'
In Pl. 18" Conc. Pipe
Inv. Out = 287.20'
- 621 In Pl. Metal Grate
Rim = 290.33'
In Pl. 18" Conc. Pipe
Inv. Out = 287.38'
- 622 In Pl. Metal Grate
Rim = 285.24'
In Pl. 24" Plastic Pipe
Inv. Out = 276.48'
(direct connect to 6'(h) x 8'(w) Box Culvert)
- 623 In Pl. F.E.S
In Pl. 18" Conc. Pipe
Inv. = 329.18'
- 624 In Pl. Metal Grate
Rim = 334.27'
In Pl. 18" Conc. Pipe
Inv. Out = 329.77'
- 625 In Pl. F.E.S
In Pl. 18" Conc. Pipe
Inv. = 327.94'
- 626 In Pl. Metal Grate
Rim = 336.34'
(a) Inv. In = 328.47'
(b) Inv. In = 331.31'
In Pl. 18" Conc. Pipe
Inv. Out = 328.44'
- 627 In Pl. Metal Grate
Rim = 334.17'
In Pl. 18" Conc. Pipe
Inv. Out = 329.32'
- 628 In Pl. Metal Grate
Rim = 337.29'
In Pl. 18" Conc. Pipe
Inv. Out = 332.14'
- 629 In Pl. F.E.S
In Pl. 18" Conc. Pipe
Inv. = 321.55'
- 630 In Pl. Metal Grate
Rim = 331.54'
Inv. In = 323.14'
In Pl. 18" Conc. Pipe
Inv. Out = 322.54'
- 631 In Pl. Metal Grate
Rim = 331.69'
Inv. In = 324.37'
In Pl. 18" Conc. Pipe
Inv. Out = 324.34'
- 632 In Pl. Metal Grate
Rim = 332.20'
(a) Inv. In = 324.80'
(b) Inv. In = 324.80'
In Pl. 18" Conc. Pipe
Inv. Out = 324.75'
- 633 In Pl. Metal Grate
Rim = 330.32'
Inv. In = 325.65'
In Pl. 18" Conc. Pipe
Inv. Out = 325.60'
- 634 In Pl. Metal Grate
Rim = 334.12'
In Pl. 18" Conc. Pipe
Inv. Out = 326.27'
- 635 In Pl. Metal Grate
Rim = 332.23'
Inv. In = 325.53'
In Pl. 18" Conc. Pipe
Inv. Out = 325.48'
- 636 In Pl. Metal Grate
Rim = 332.28'
In Pl. 18" Conc. Pipe
Inv. Out = 326.93'
- 637 In Pl. F.E.S
In Pl. 18" Conc. Pipe
Inv. = 317.66'
- 638 In Pl. F.E.S
In Pl. 18" Conc. Pipe
Inv. = 317.66'
- 639 In Pl. Metal Grate
Rim = 337.61'
In Pl. 15" Conc. Pipe
Inv. Out = 321.31'
- 640 In Pl. Metal Grate
Rim = 290.33'
In Pl. 18" Conc. Pipe
Inv. Out = 326.69'
- 641 In Pl. Endwall
In Pl. 8'(h) x 8'(w) Box Culvert
(a) Inv. = 259.01'
In Pl. 8'(h) x 8'(w) Box Culvert
(b) Inv. = 259.24'
- 642 In Pl. F.E.S
In Pl. 24" Conc. Pipe
Inv. = 283.49'
- 643 In Pl. Metal Grate
Rim = 288.39'
Inv. In = 284.02'
In Pl. 24" Conc. Pipe
Inv. Out = 383.99'
- 644 In Pl. Metal Grate
Rim = 288.31'
Inv. In = 284.67'
In Pl. 24" Conc. Pipe
Inv. Out = 284.60'
- 645 In Pl. Metal Grate
Rim = 288.56'
Inv. In = 285.06'
In Pl. 18" Conc. Pipe
Inv. Out = 285.02'
- 646 In Pl. F.E.S
In Pl. 18" Conc. Pipe
Inv. = 302.92'
- 647 In Pl. Metal Grate
Rim = 308.40'
In Pl. 18" Conc. Pipe
Inv. Out = 303.50'
- 648 In Pl. Metal Grate
Rim = 327.25'
Inv. In = 322.23'
In Pl. 18" Conc. Pipe
Inv. Out = 322.21'
- 649 In Pl. Metal Grate
Rim = 327.88'
In Pl. 18" Conc. Pipe
Inv. Out = 322.93'
- 650 In Pl. Metal Grate
Rim = 288.94'
In Pl. 18" Conc. Pipe
Inv. Out = 277.04'
- 651 In Pl. End Wall
In Pl. 18" Conc. Pipe
Inv. = 289.35'
- 652 In Pl. Head Wall
In Pl. 18" Conc. Pipe
Inv. = 289.91'
- 653 In Pl. Metal Grate
Rim = 291.36'
In Pl. 18" Conc. Pipe
Inv. Out = 286.26'
- 654 In Pl. Metal Grate
Rim = 290.88'
Inv. In = 285.88'
In Pl. 18" Conc. Pipe
Inv. Out = 285.86'
- 655 In Pl. F.E.S
In Pl. 18" Conc. Pipe
Inv. = 283.08'
- 656 In Pl. Metal Grate
Inaccessible
- 657 In Pl. Metal Grate
Inaccessible
- 658 In Pl. Metal Grate
Rim = 310.04'
In Pl. 15" Conc. Pipe
Inv. In = 304.54'
In Pl. 38 x 60 Conc. Pipe
Inv. In = 304.34'
In Pl. 15" Conc. Pipe
Inv. Out = 304.29'
- 659 In Pl. F.E.S
In Pl. 15" Conc. Pipe
Inv. = 303.53'

PUBLIC HEARING PLANS
DATE: 02/21/2020

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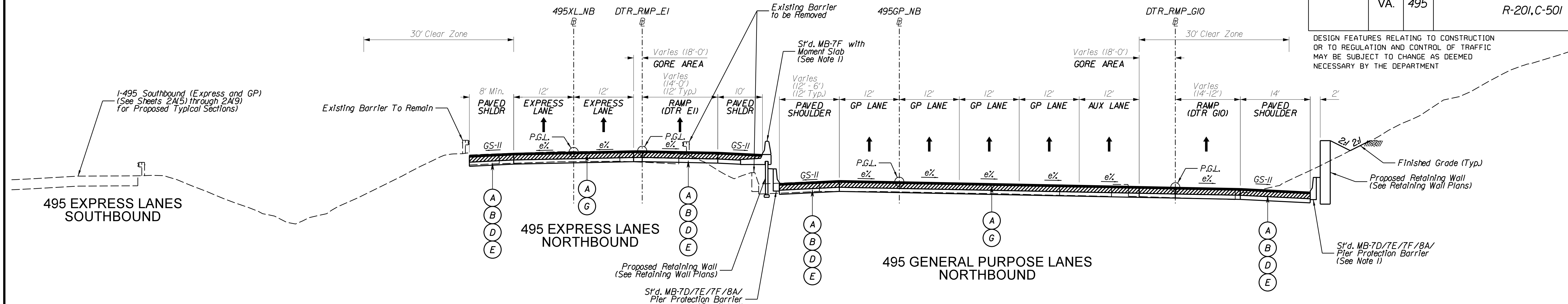
PROJECT	SHEET NO.
0495-029-419	IH(4)

PROJECT MANAGER: Capital Beltway Express, LLC
 SURVEYED BY, DATE: Bice Associates, 2019-06-17
 DESIGN BY: HDR Engineering
 SUBSURFACE UTILITY BY, DATE: WZA

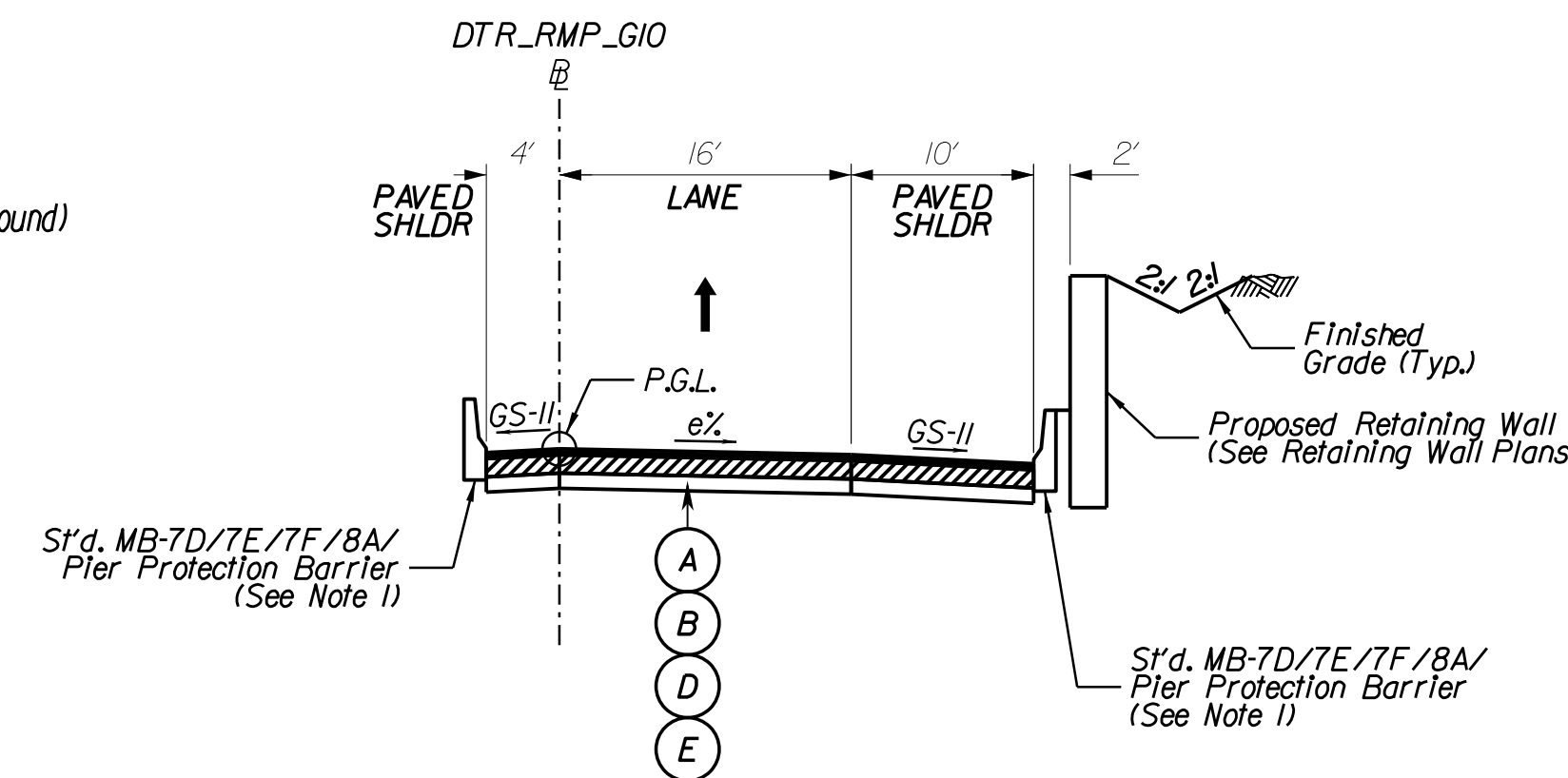
TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	2A(1)

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

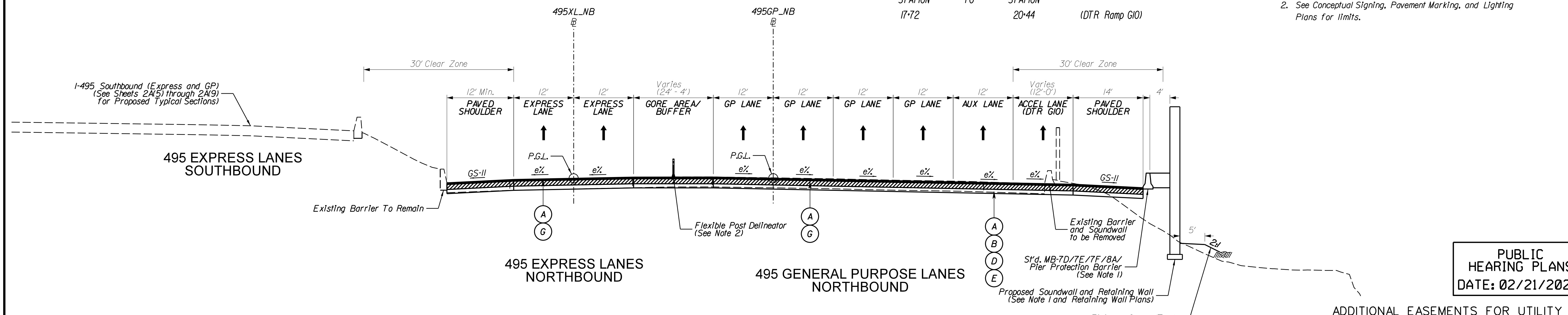


STATION	TO	STATION	
567+00		576+41	(495 Express Lanes Northbound)
1073+03		1079+93	(495 General Purpose Lanes Northbound)
45+64		50+03	(DTR Ramp EI)
20+44		25+64	(DTR Ramp GIO)



- Legend**
- (A) Asphalt Concrete Surface Course, Type SMA-9.5 (64E-22) - 1.5 Inch Depth
 - (B) Asphalt Concrete Intermediate Course, Type SMA-12.5 (64E-22) - 2 Inch Depth
 - (C) Asphalt Concrete Base Course, Type BM-25.0D - 11 Inch Depth
 - (D) Asphalt Concrete Base Course, Type BM-25.0D - 12.5 Inch Depth
 - (E) Aggregate Base Material, Type 1, 21B - 10 Inch Depth
 - (F) Cement Stabilized Aggregate Base Material, Type 1, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 9 Inch Depth
 - (G) 2" Flexible Pavement Planing, Variable Depth Wedge and Leveling Course Type SMA-12.5 (64E-22)

- NOTES:**
- See Conceptual Roadway Plan Sheets for Limits.
 - See Conceptual Signing, Pavement Marking, and Lighting Plans for Limits.



STATION	TO	STATION	
576+41		587+75	(495 Express Lanes Northbound)
1079+83		1090+60	(495 General Purpose Lanes Northbound)

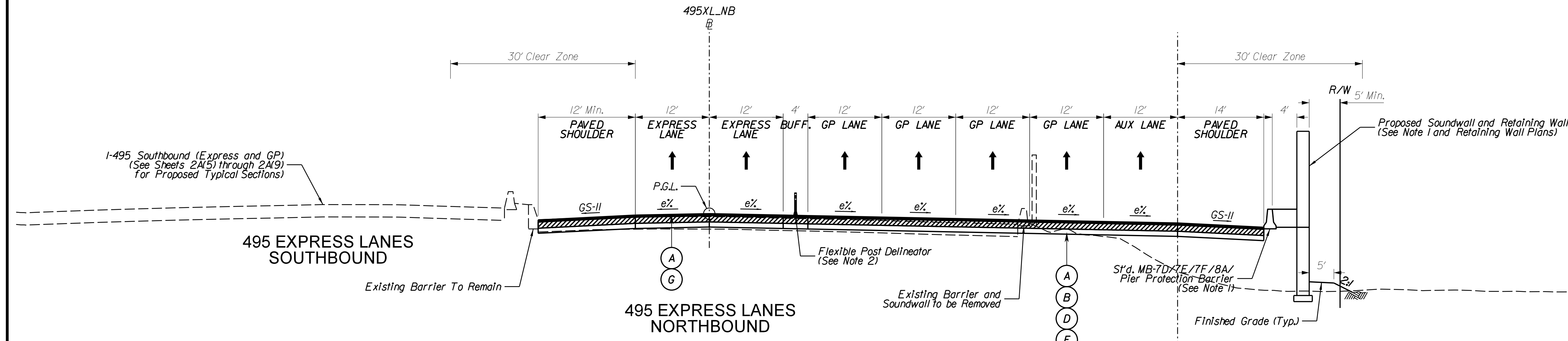
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

TYPICAL SECTIONS

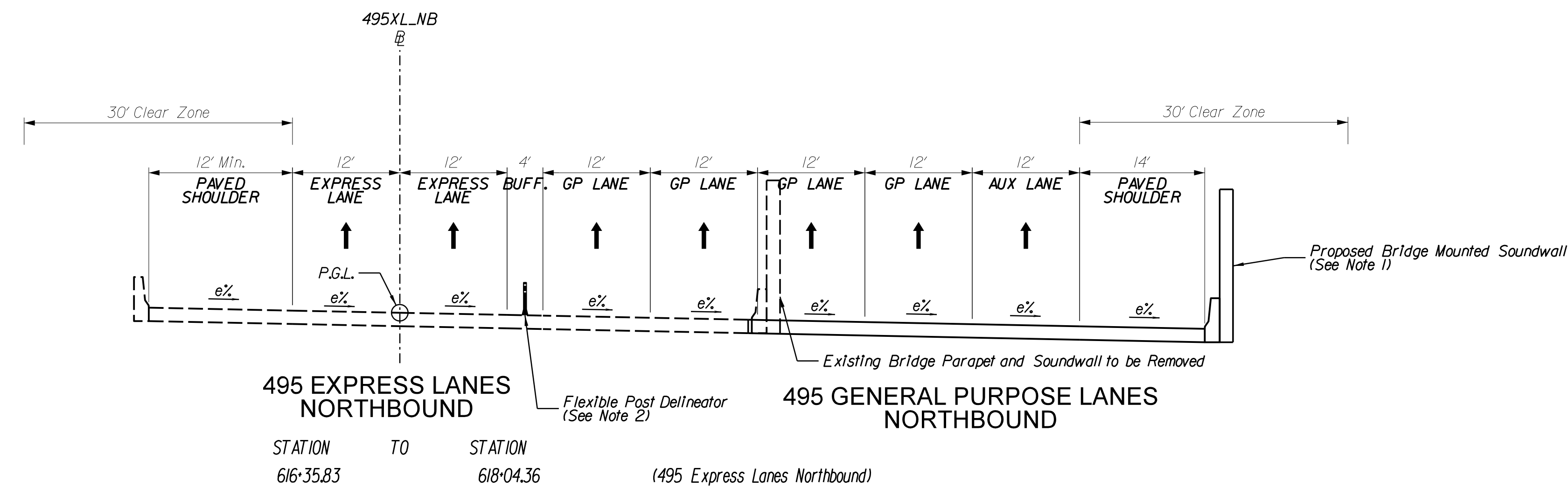
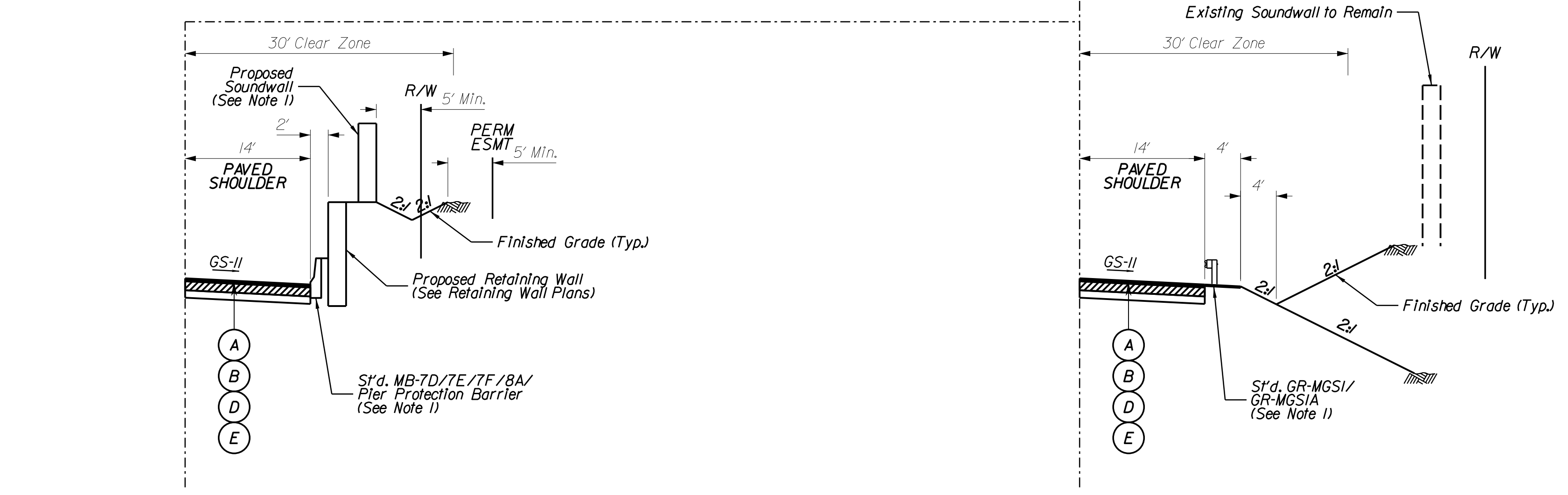


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

STATION	TO	STATION	
587+75		616+35.83	(495 Express Lanes Northbound)
618+04.36		643+78	(495 Express Lanes Northbound)

- Legend**
- (A) Asphalt Concrete Surface Course, Type SMA-9.5 (64E-22) - 1.5 Inch Depth
 - (B) Asphalt Concrete Intermediate Course, Type SMA-12.5 (64E-22) - 2 Inch Depth
 - (C) Asphalt Concrete Base Course, Type BM-25.0D - 11 Inch Depth
 - (D) Asphalt Concrete Base Course, Type BM-25.0D - 12.5 Inch Depth
 - (E) Aggregate Base Material, Type 1, 21B - 10 Inch Depth
 - (F) Cement Stabilized Aggregate Base Material, Type 1, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 9 Inch Depth
 - (G) 2" Flexible Pavement Planing, Variable Depth Wedge and Leveling Course Type SMA-12.5 (64E-22)

NOTES:
1. See Conceptual Roadway Plan Sheets for limits.
2. See Conceptual Signing, Pavement Marking, and Lighting Plans for limits.



STATION	TO	STATION	
616+35.83		618+04.36	(495 Express Lanes Northbound)

PUBLIC HEARING PLANS
DATE: 02/21/2020

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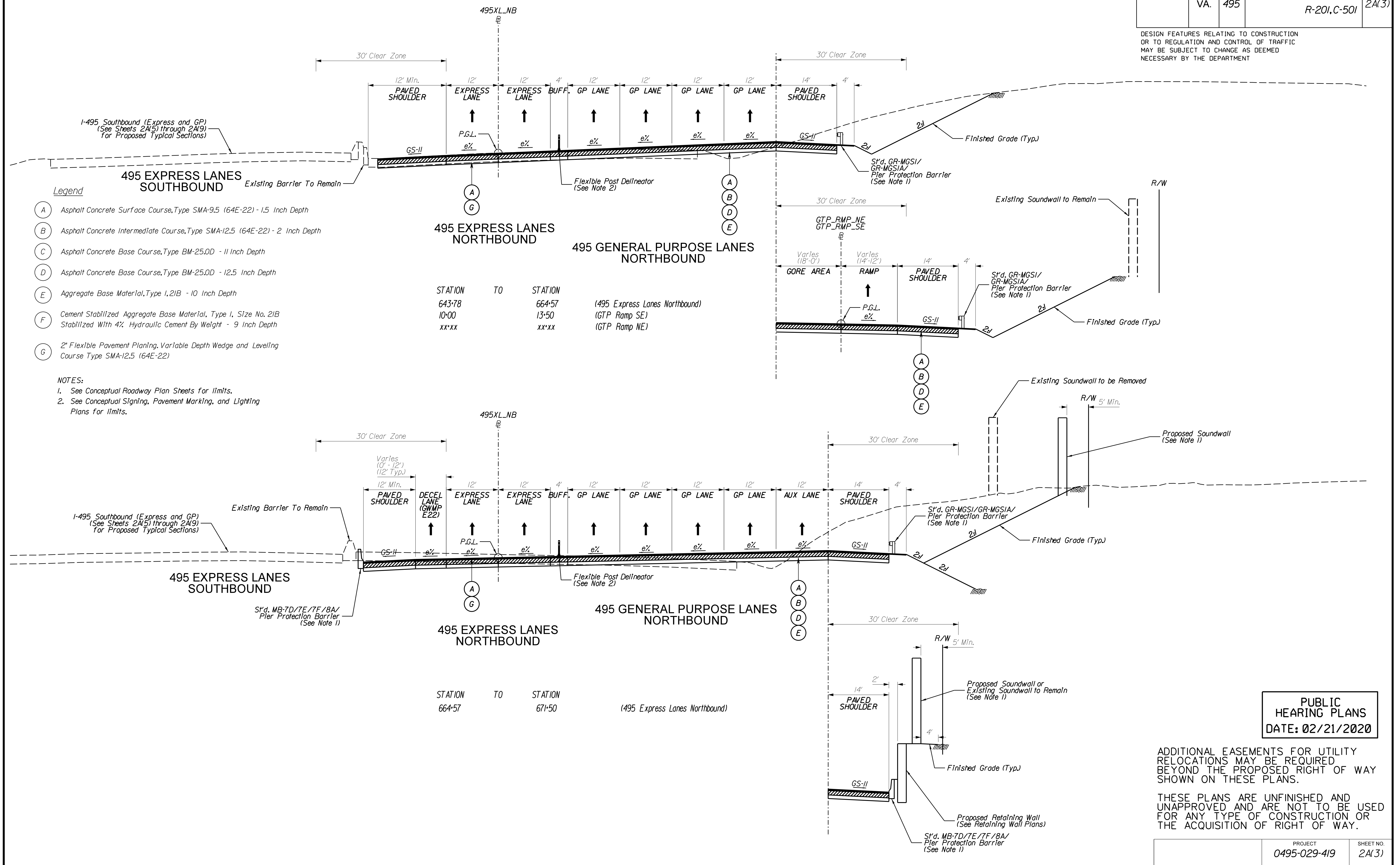
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	2A(3)

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



- Legend**
- (A) Asphalt Concrete Surface Course, Type SMA-9.5 (64E-22) - 1.5 Inch Depth
 - (B) Asphalt Concrete Intermediate Course, Type SMA-12.5 (64E-22) - 2 Inch Depth
 - (C) Asphalt Concrete Base Course, Type BM-25.0D - 11 Inch Depth
 - (D) Asphalt Concrete Base Course, Type BM-25.0D - 12.5 Inch Depth
 - (E) Aggregate Base Material, Type 1, 21B - 10 Inch Depth
 - (F) Cement Stabilized Aggregate Base Material, Type 1, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 9 Inch Depth
 - (G) 2" Flexible Pavement Planing, Variable Depth Wedge and Leveling Course Type SMA-12.5 (64E-22)

NOTES:
1. See Conceptual Roadway Plan Sheets for Limits.
2. See Conceptual Signing, Pavement Marking, and Lighting Plans for Limits.

STATION	TO	STATION	
643+78		664+57	(495 Express Lanes Northbound)
10+00		13+50	(GTP Ramp SE)
xx+xx		xx+xx	(GTP Ramp NE)

STATION	TO	STATION	
664+57		671+50	(495 Express Lanes Northbound)

PUBLIC HEARING PLANS
DATE: 02/21/2020

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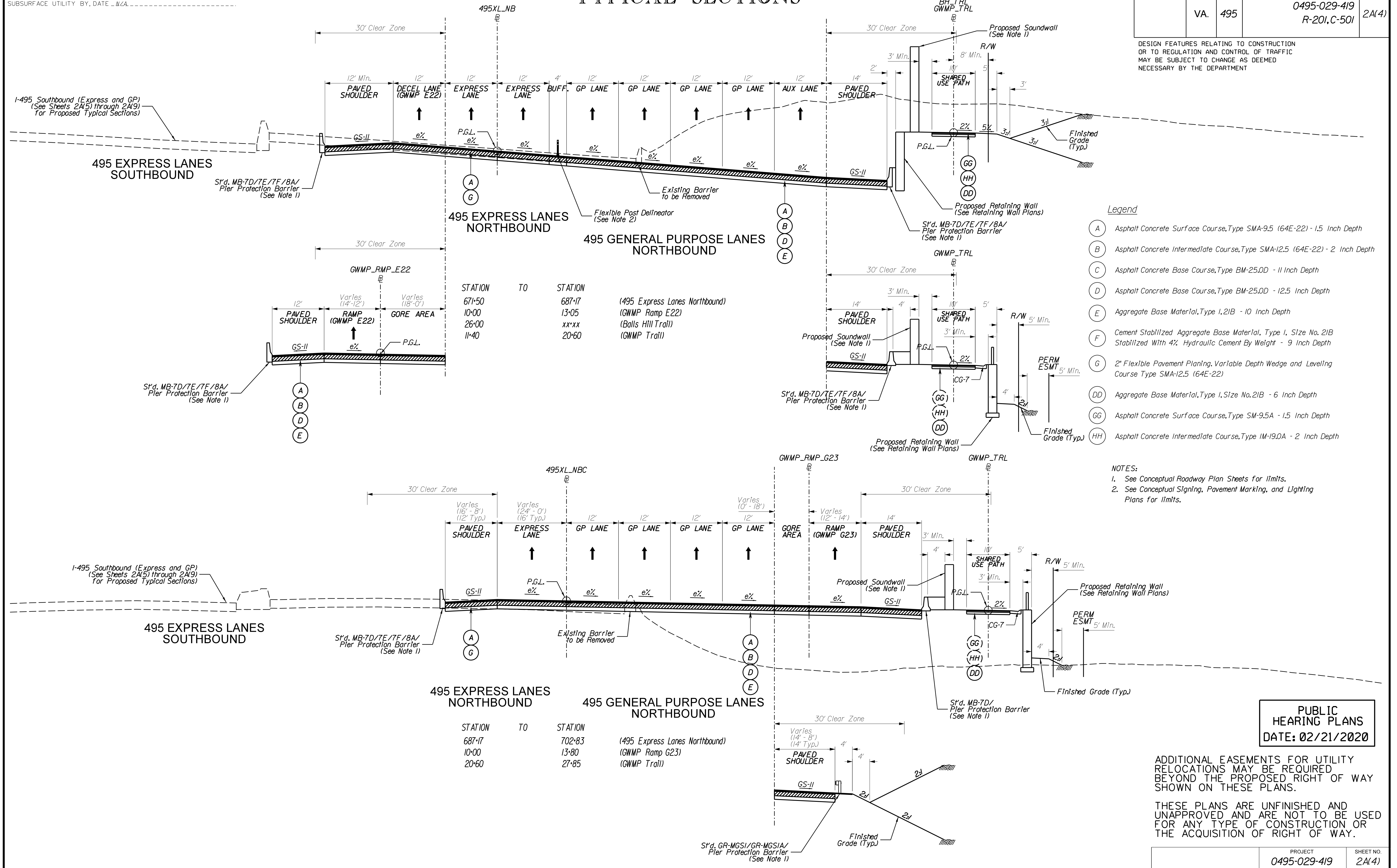
PROJECT	SHEET NO.
0495-029-419	2A(3)

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	2A(4)

TYPICAL SECTIONS

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



- Legend**
- (A) Asphalt Concrete Surface Course, Type SMA-9.5 (64E-22) - 1.5 Inch Depth
 - (B) Asphalt Concrete Intermediate Course, Type SMA-12.5 (64E-22) - 2 Inch Depth
 - (C) Asphalt Concrete Base Course, Type BM-25.0D - 11 Inch Depth
 - (D) Asphalt Concrete Base Course, Type BM-25.0D - 12.5 Inch Depth
 - (E) Aggregate Base Material, Type 1, 21B - 10 Inch Depth
 - (F) Cement Stabilized Aggregate Base Material, Type 1, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 9 Inch Depth
 - (G) 2" Flexible Pavement Planing, Variable Depth Wedge and Levelling Course Type SMA-12.5 (64E-22)
 - (DD) Aggregate Base Material, Type 1, Size No. 21B - 6 Inch Depth
 - (GG) Asphalt Concrete Surface Course, Type SM-9.5A - 1.5 Inch Depth
 - (HH) Asphalt Concrete Intermediate Course, Type IM-19.0A - 2 Inch Depth

- NOTES:**
1. See Conceptual Roadway Plan Sheets for Limits.
 2. See Conceptual Signing, Pavement Marking, and Lighting Plans for Limits.

PUBLIC HEARING PLANS
DATE: 02/21/2020

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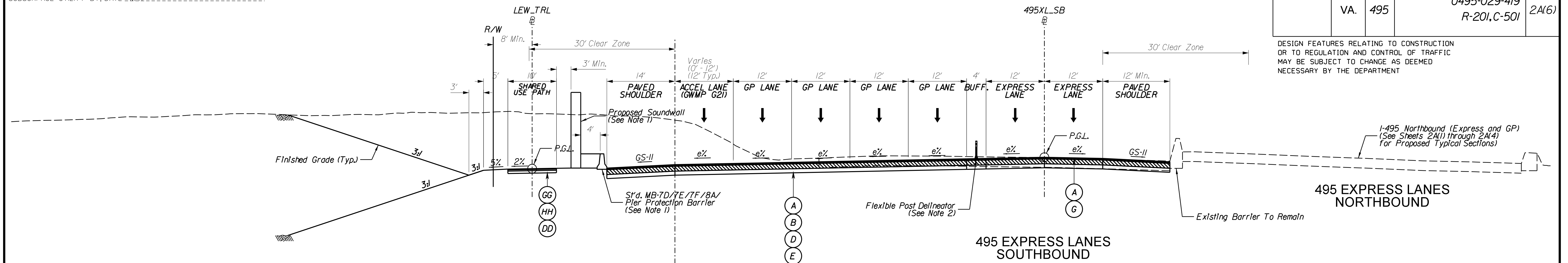
PROJECT	SHEET NO.
0495-029-419	2A(4)

PROJECT MANAGER Capital Railway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	2A(6)

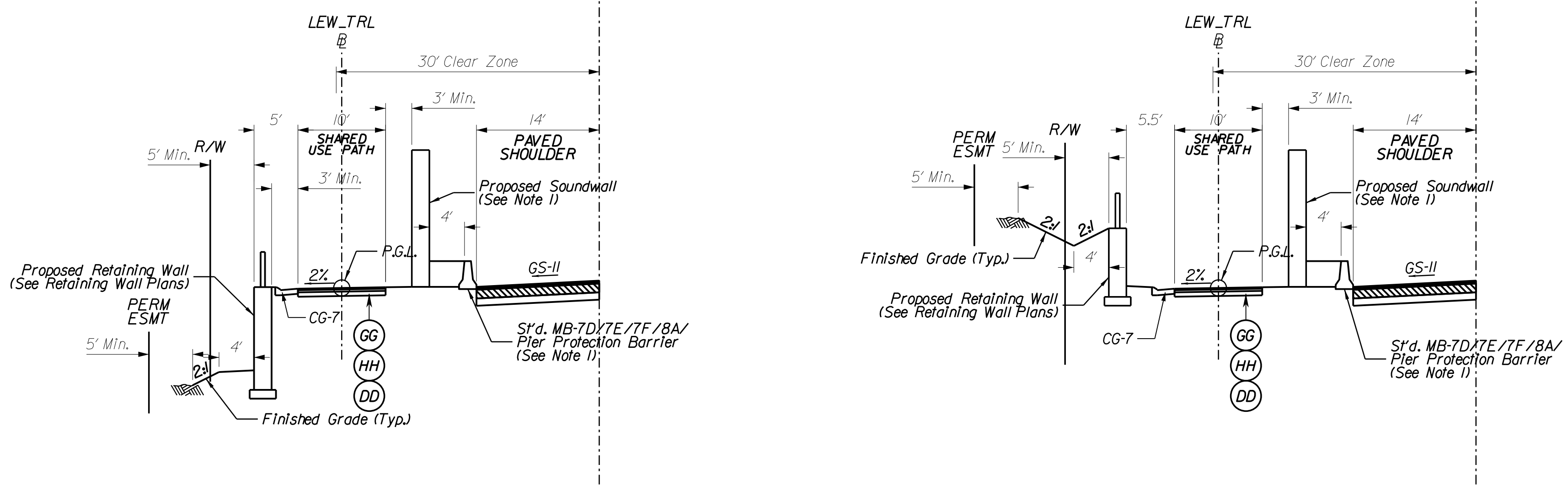
TYPICAL SECTIONS

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



STATION	TO	STATION	
215+00		217+43.61	(495 Express Lanes Southbound)
219+10.50		232+20	(495 Express Lanes Southbound)
49+00		52+63.24	(Lewinsville Trail)
54+26.83		66+63	(Lewinsville Trail)

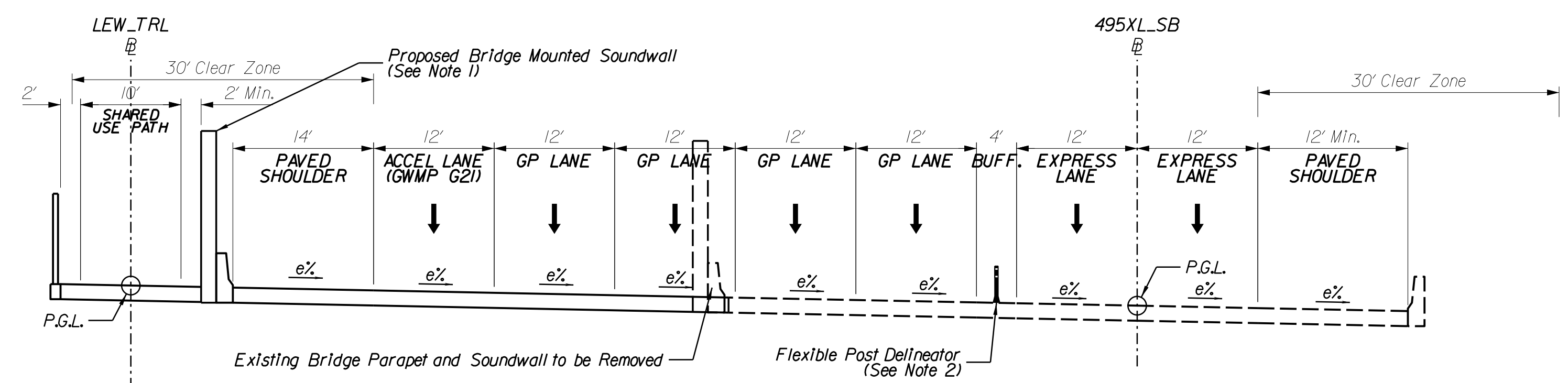
495 GENERAL PURPOSE LANES SOUTHBOUND



Legend

- (A) Asphalt Concrete Surface Course, Type SMA-9.5 (64E-22) - 1.5 Inch Depth
- (B) Asphalt Concrete Intermediate Course, Type SMA-12.5 (64E-22) - 2 Inch Depth
- (C) Asphalt Concrete Base Course, Type BM-25.0D - 11 Inch Depth
- (D) Asphalt Concrete Base Course, Type BM-25.0D - 12.5 Inch Depth
- (E) Aggregate Base Material, Type 1, 2/B - 10 Inch Depth
- (F) Cement Stabilized Aggregate Base Material, Type 1, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 9 Inch Depth
- (G) 2" Flexible Pavement Planing, Variable Depth Wedge and Leveling Course Type SMA-12.5 (64E-22)
- (DD) Aggregate Base Material, Type 1, Size No. 21B - 6 Inch Depth
- (GG) Asphalt Concrete Surface Course, Type SM-9.5A - 1.5 Inch Depth
- (HH) Asphalt Concrete Intermediate Course, Type IM-19.0A - 2 Inch Depth

NOTES:
1. See Conceptual Roadway Plan Sheets for Limits.
2. See Conceptual Signing, Pavement Marking, and Lighting Plans for Limits.



495 GENERAL PURPOSE LANES SOUTHBOUND

STATION	TO	STATION	
217+43.61		219+10.50	(495 Express Lanes Southbound)
52+63.24		54+26.83	(Lewinsville Trail)

PUBLIC HEARING PLANS
DATE: 02/21/2020

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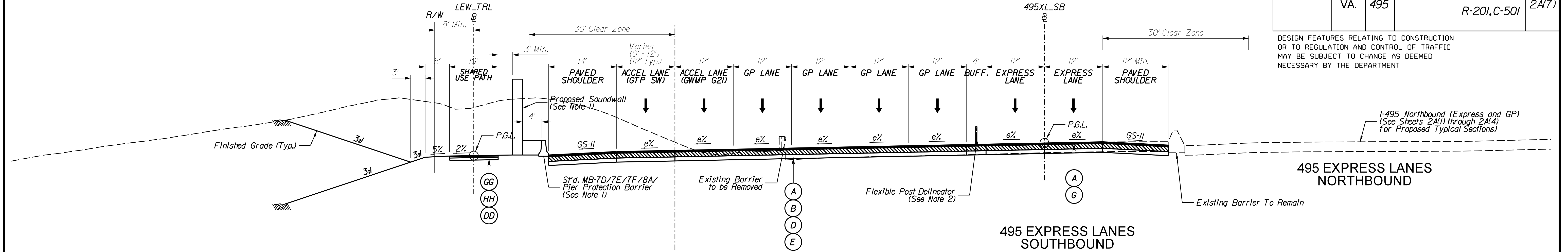
PROJECT	SHEET NO.
0495-029-419	2A(6)

PROJECT MANAGER Capital Railway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	2A(7)

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



Legend

- (A) Asphalt Concrete Surface Course, Type SMA-9.5 (64E-22) - 1.5 Inch Depth
- (B) Asphalt Concrete Intermediate Course, Type SMA-12.5 (64E-22) - 2 Inch Depth
- (C) Asphalt Concrete Base Course, Type BM-25.0D - 11 Inch Depth
- (D) Asphalt Concrete Base Course, Type BM-25.0D - 12.5 Inch Depth
- (E) Aggregate Base Material, Type 1, 2/B - 10 Inch Depth
- (F) Cement Stabilized Aggregate Base Material, Type 1, Size No. 2/B Stabilized With 4% Hydraulic Cement By Weight - 9 Inch Depth
- (G) 2" Flexible Pavement Planing, Variable Depth Wedge and Leveling Course Type SMA-12.5 (64E-22)
- (DD) Aggregate Base Material, Type 1, Size No. 2/B - 6 Inch Depth
- (GG) Asphalt Concrete Surface Course, Type SM-9.5A - 1.5 Inch Depth
- (HH) Asphalt Concrete Intermediate Course, Type IM-19.0A - 2 Inch Depth

NOTES:

1. See Conceptual Roadway Plan Sheets for Limits.
2. See Conceptual Signing, Pavement Marking, and Lighting Plans for Limits.

PUBLIC HEARING PLANS
DATE: 02/21/2020

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PROJECT	SHEET NO.
0495-029-419	2A(7)

PROJECT MANAGER Capital Railway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

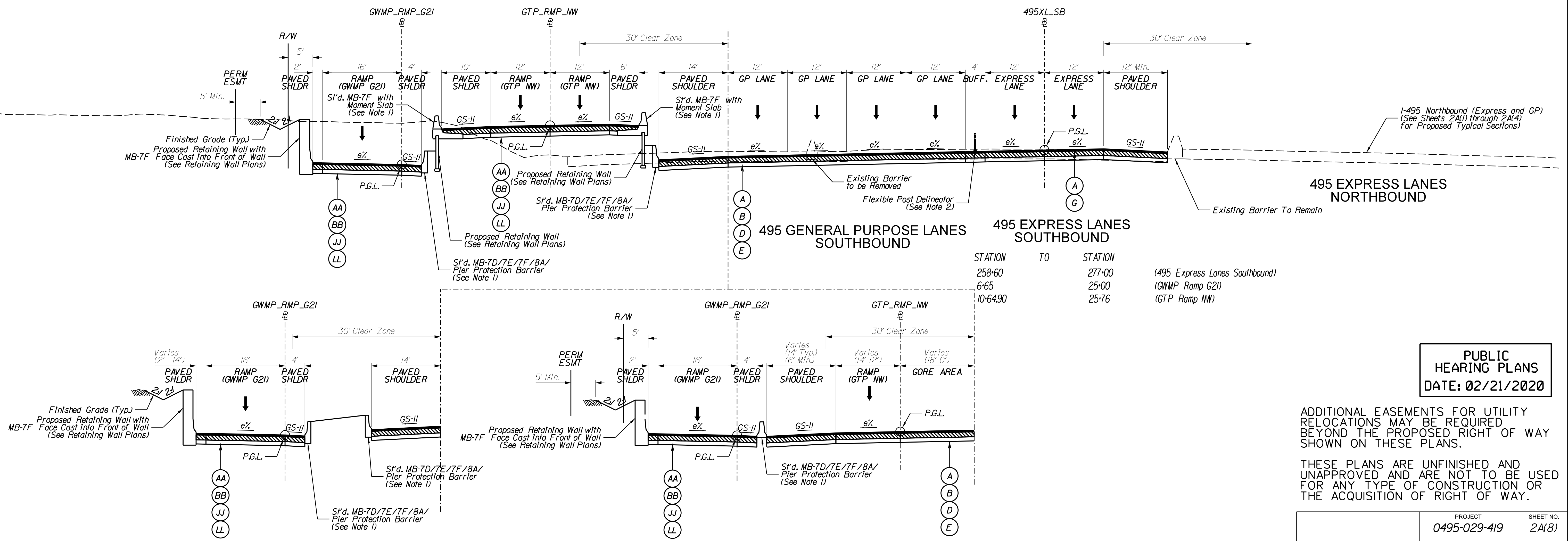
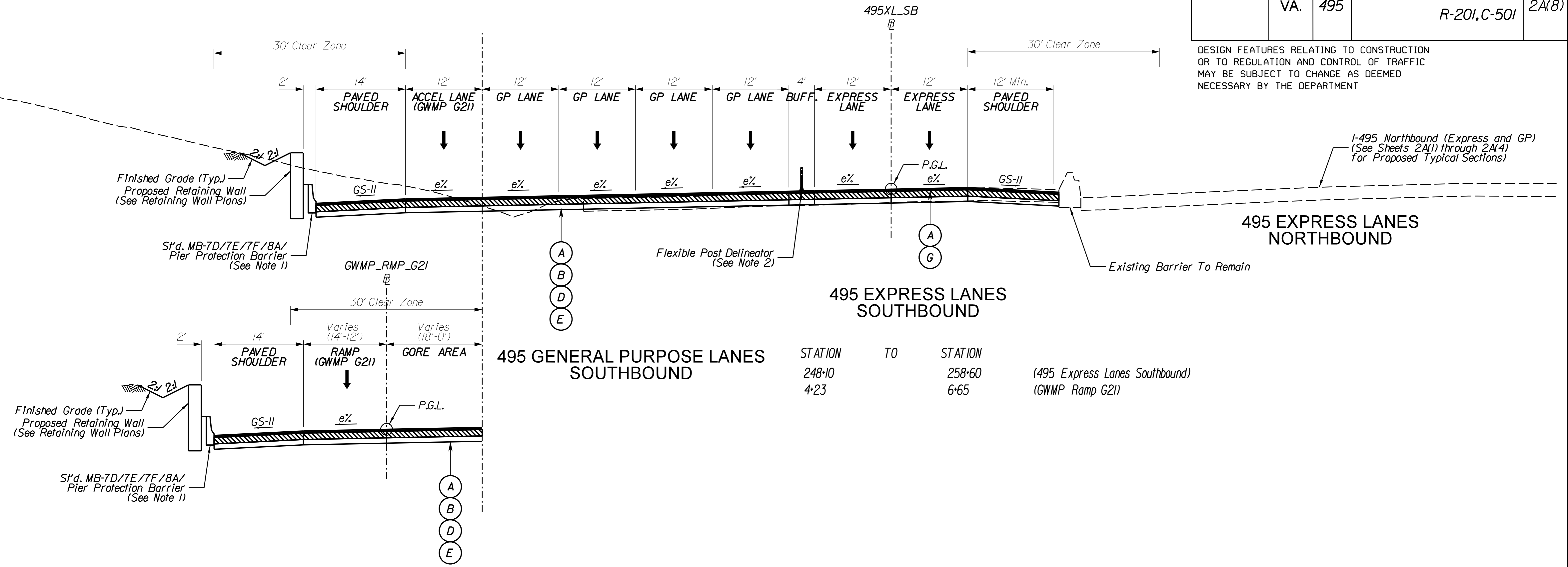
REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	2A(8)

TYPICAL SECTIONS

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

- Legend**
- (A) Asphalt Concrete Surface Course, Type SMA-9.5 (64E-22) - 1.5 Inch Depth
 - (B) Asphalt Concrete Intermediate Course, Type SMA-12.5 (64E-22) - 2 Inch Depth
 - (C) Asphalt Concrete Base Course, Type BM-25.0D - 11 Inch Depth
 - (D) Asphalt Concrete Base Course, Type BM-25.0D - 12.5 Inch Depth
 - (E) Aggregate Base Material, Type 1, 2/B - 10 Inch Depth
 - (F) Cement Stabilized Aggregate Base Material, Type 1, Size No. 2/B Stabilized With 4% Hydraulic Cement By Weight - 9 Inch Depth
 - (G) 2" Flexible Pavement Planing, Variable Depth Wedge and Leveling Course Type SMA-12.5 (64E-22)
 - (AA) Asphalt Concrete Surface Course, Type SM-9.5D - 1.5 Inch Depth
 - (BB) Asphalt Concrete Intermediate Course, Type IM-19.0D - 2 Inch Depth
 - (JJ) Asphalt Concrete Base Course, Type BM-25.0A - 6.5 Inch Depth
 - (LL) Aggregate Base Material, Type 1, Size No. 2/B - 12 Inch Depth

- NOTES:**
- See Conceptual Roadway Plan Sheets for Limits.
 - See Conceptual Signing, Pavement Marking, and Lighting Plans for Limits.



PUBLIC HEARING PLANS
DATE: 02/21/2020

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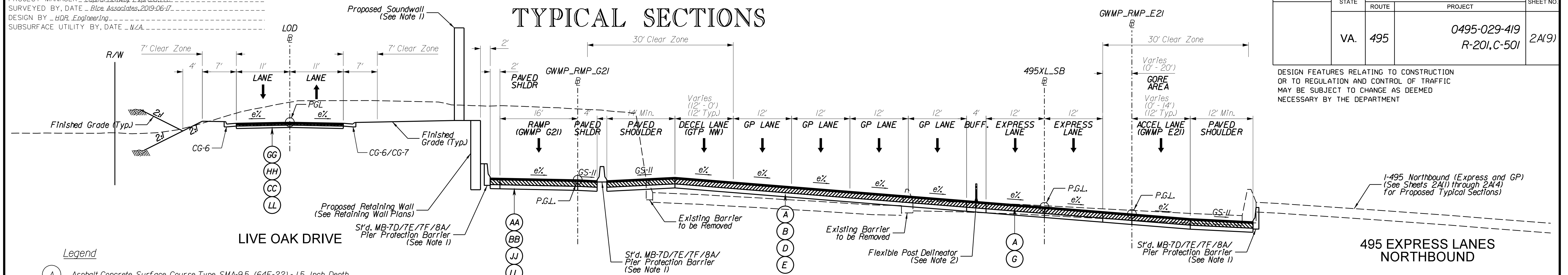
PROJECT	SHEET NO.
0495-029-419	2A(8)

PROJECT MANAGER Capital Railway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	2A(9)

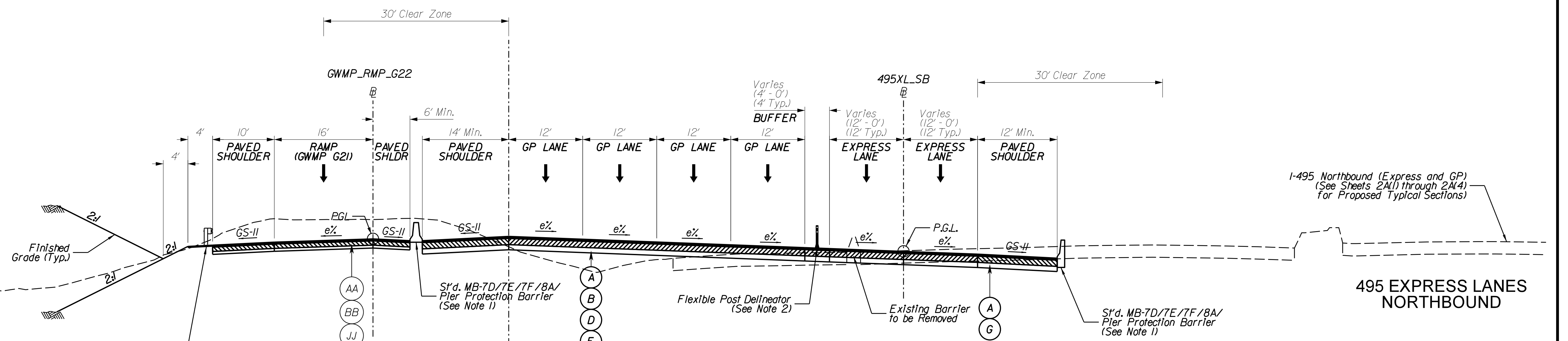
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

TYPICAL SECTIONS



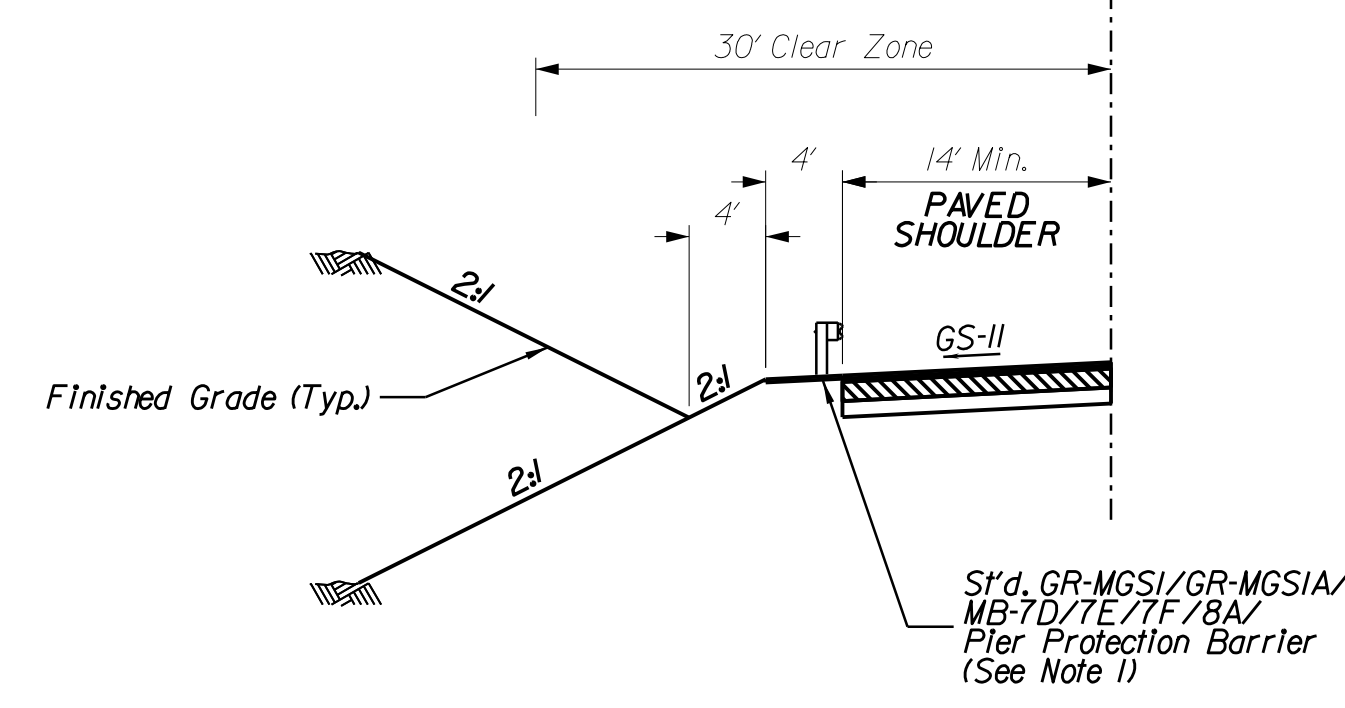
- Legend**
- (A) Asphalt Concrete Surface Course, Type SMA-9.5 (64E-22) - 1.5 Inch Depth
 - (B) Asphalt Concrete Intermediate Course, Type SMA-12.5 (64E-22) - 2 Inch Depth
 - (C) Asphalt Concrete Base Course, Type BM-25.0D - 11 Inch Depth
 - (D) Asphalt Concrete Base Course, Type BM-25.0D - 12.5 Inch Depth
 - (E) Aggregate Base Material, Type 1, 21B - 10 Inch Depth
 - (F) Cement Stabilized Aggregate Base Material, Type 1, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 9 Inch Depth
 - (G) 2" Flexible Pavement Planing, Variable Depth Wedge and Leveling Course Type SMA-12.5 (64E-22)
 - (AA) Asphalt Concrete Surface Course, Type SM-9.5D - 1.5 Inch Depth
 - (BB) Asphalt Concrete Intermediate Course, Type IM-19.0D - 2 Inch Depth
 - (CC) Asphalt Concrete Base Course, Type BM-25.0A - 3 Inch Depth
 - (GG) Asphalt Concrete Surface Course, Type SM-9.5A - 1.5 Inch Depth
 - (HH) Asphalt Concrete Intermediate Course, Type IM-19.0A - 2 Inch Depth
 - (JJ) Asphalt Concrete Base Course, Type BM-25.0A - 6.5 Inch Depth
 - (LL) Aggregate Base Material, Type 1, Size No. 21B - 12 Inch Depth

STATION	TO	STATION	
277-00		287-00	(495 Express Lanes Southbound)
15-00		25-00	(Live Oak Drive)
25-00		35-00	(GWMP Ramp G21)
6-22		11-30	(GWMP Ramp E21)



STATION	TO	STATION	
287-00		302-25	(495 Express Lanes Southbound)
11-95		19-50	(GWMP Ramp G22)

NOTES:
1. See Conceptual Roadway Plan Sheets for Limits.
2. See Conceptual Signing, Pavement Marking, and Lighting Plans for Limits.



PUBLIC HEARING PLANS
DATE: 02/21/2020

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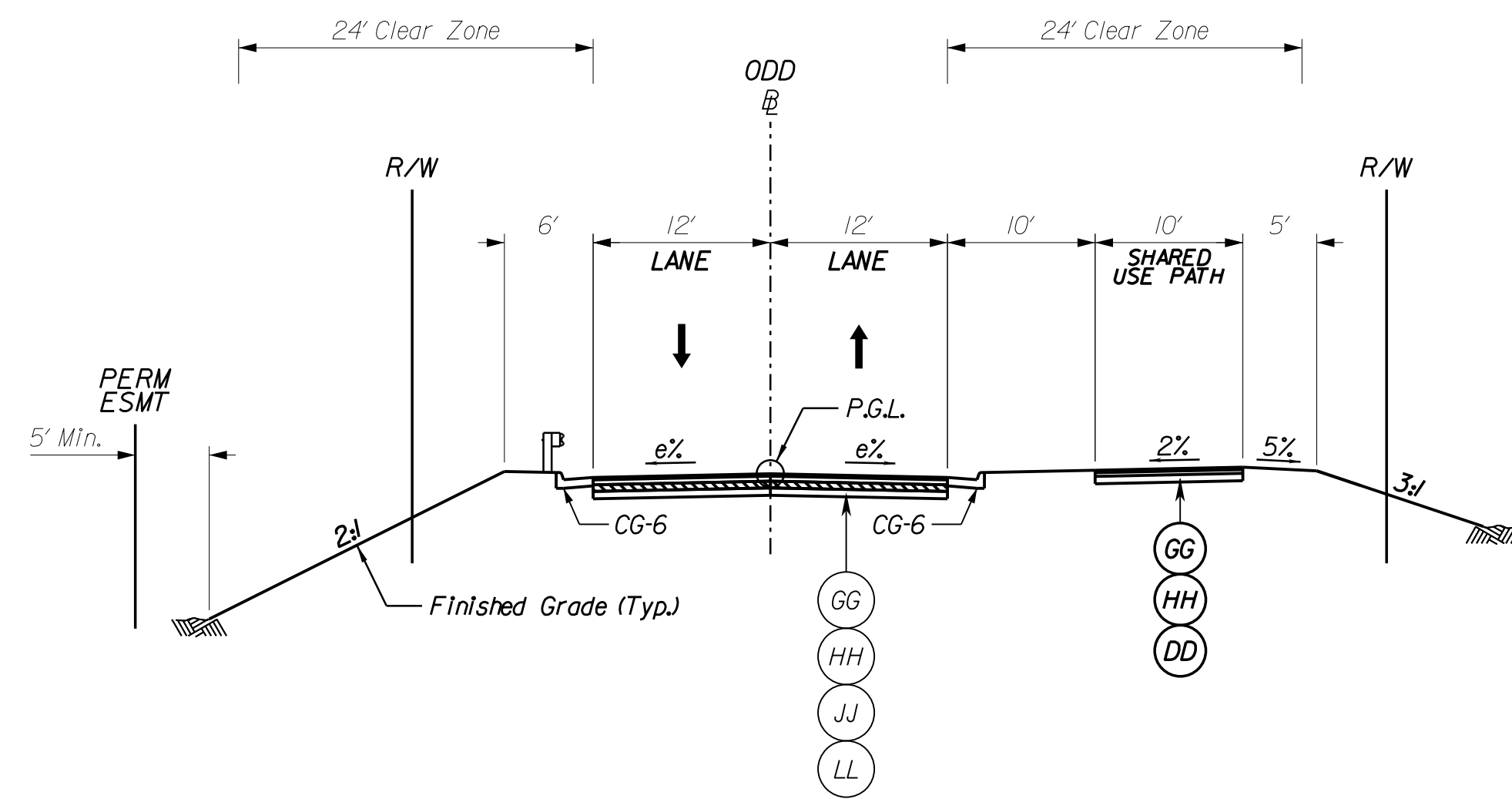
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PROJECT MANAGER Capital Railway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

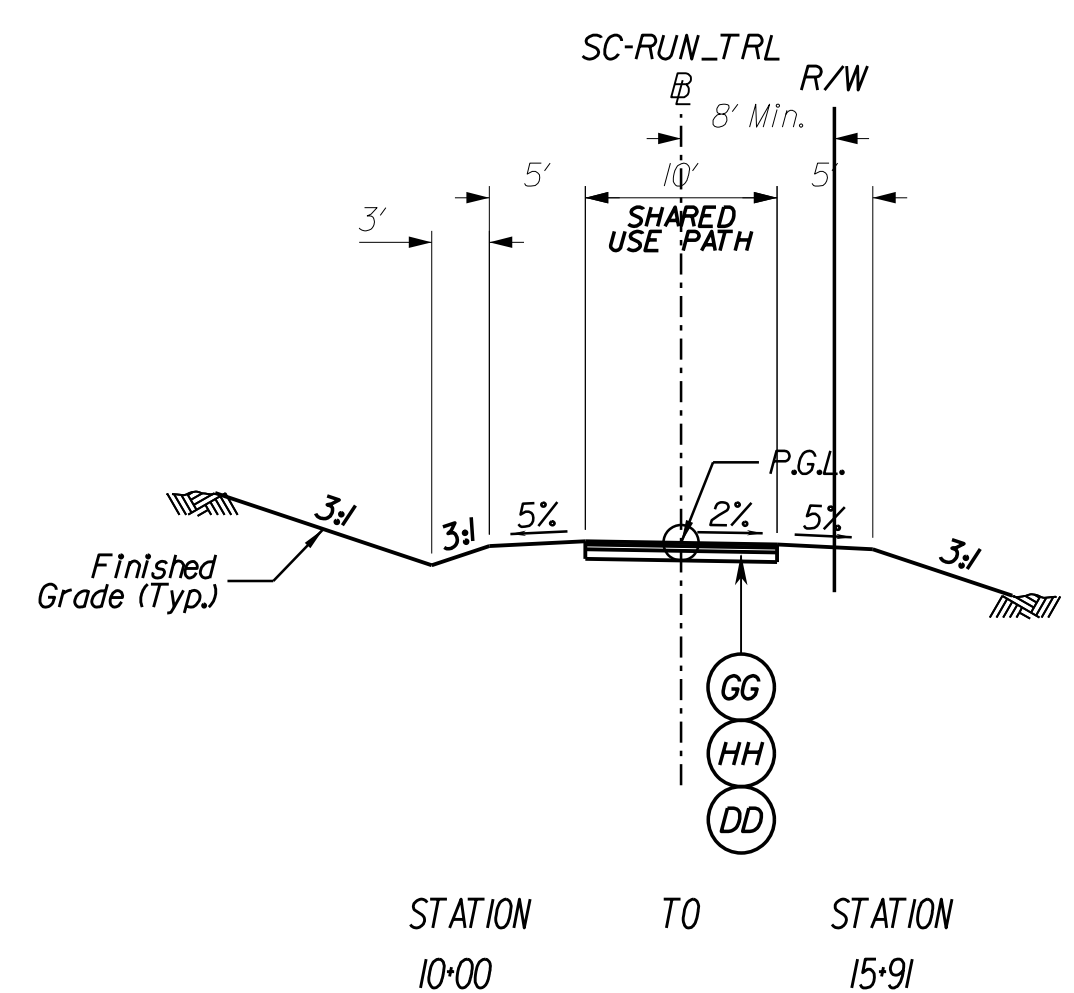
TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	2A(10)

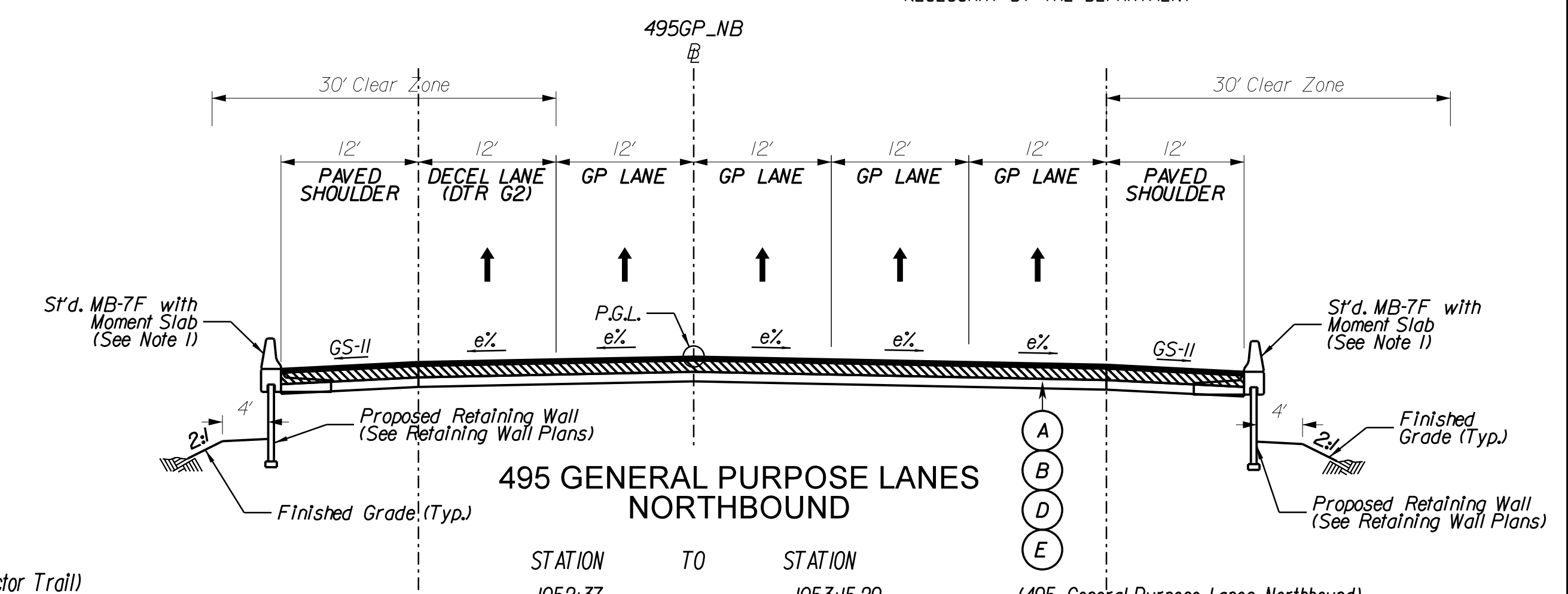
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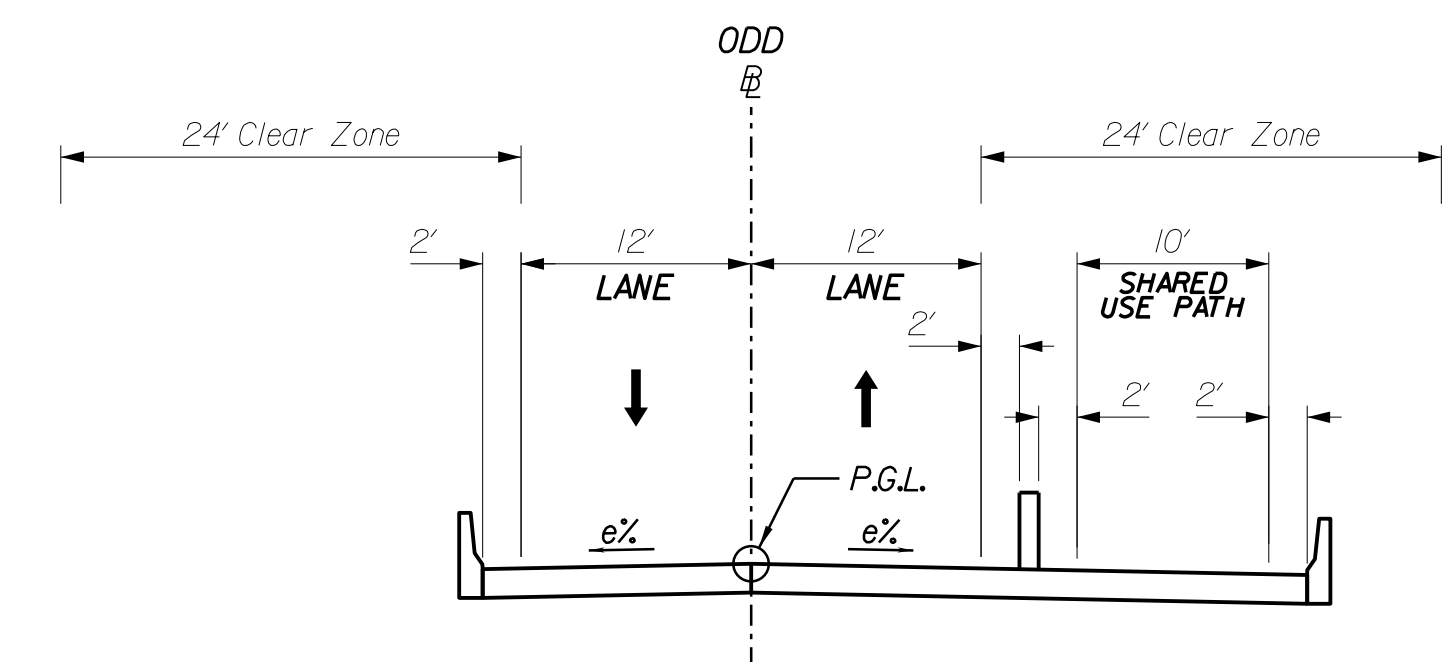
OLD DOMINION DRIVE
STATION TO STATION
12-50 TO 20-54.96 (Old Dominion Drive)
24-93.33 TO 35-00 (Old Dominion Drive)



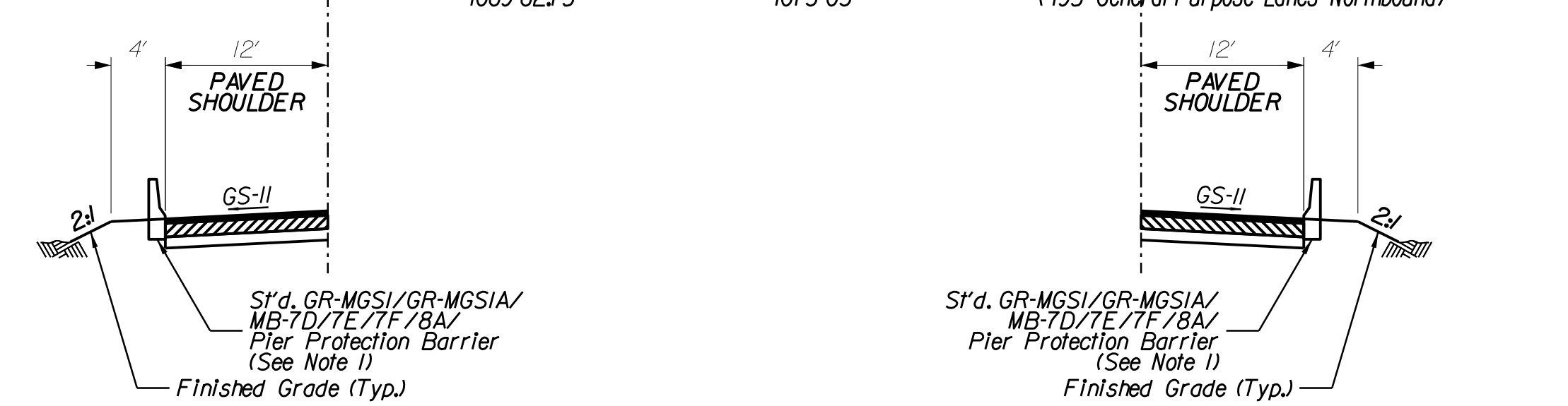
STATION TO STATION
10-00 TO 15-91 (Connector Trail)



495 GENERAL PURPOSE LANES NORTHBOUND
STATION TO STATION
1052-37 TO 1053+15.29 (495 General Purpose Lanes Northbound)
1054+00.08 TO 1054+47 (495 General Purpose Lanes Northbound)
1069+62.75 TO 1073+03 (495 General Purpose Lanes Northbound)



OLD DOMINION DRIVE
STATION TO STATION
20-54.96 TO 24-93.33 (Old Dominion Drive)



495 GENERAL PURPOSE LANES NORTHBOUND
STATION TO STATION
1053+15.29 TO 1054+00.08 (495 General Purpose Lanes Northbound)

- Legend**
- (A) Asphalt Concrete Surface Course, Type SMA-9.5 (64E-22) - 1.5 Inch Depth
 - (B) Asphalt Concrete Intermediate Course, Type SMA-12.5 (64E-22) - 2 Inch Depth
 - (C) Asphalt Concrete Base Course, Type BM-25.0D - 11 Inch Depth
 - (D) Asphalt Concrete Base Course, Type BM-25.0D - 12.5 Inch Depth
 - (E) Aggregate Base Material, Type 1, 21B - 10 Inch Depth
 - (F) Cement Stabilized Aggregate Base Material, Type 1, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 9 Inch Depth
 - (G) 2" Flexible Pavement Planing, Variable Depth Wedge and Levelling Course Type SMA-12.5 (64E-22)
 - (DD) Aggregate Base Material, Type 1, Size No. 21B - 6 Inch Depth
 - (GG) Asphalt Concrete Surface Course, Type SM-9.5A - 1.5 Inch Depth
 - (HH) Asphalt Concrete Intermediate Course, Type IM-19.0A - 2 Inch Depth
 - (JJ) Asphalt Concrete Base Course, Type BM-25.0A - 6.5 Inch Depth
 - (LL) Aggregate Base Material, Type 1, Size No. 21B - 12 Inch Depth

NOTES:
1. See Conceptual Roadway Plan Sheets for limits.
2. See Conceptual Signing, Pavement Marking, and Lighting Plans for limits.

PUBLIC HEARING PLANS
DATE: 02/21/2020

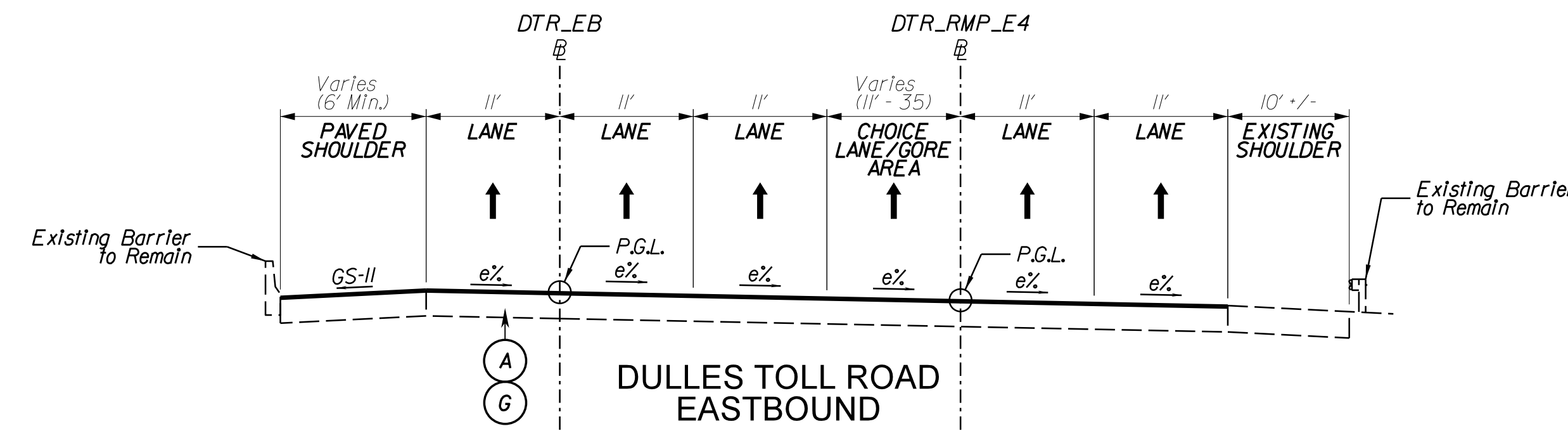
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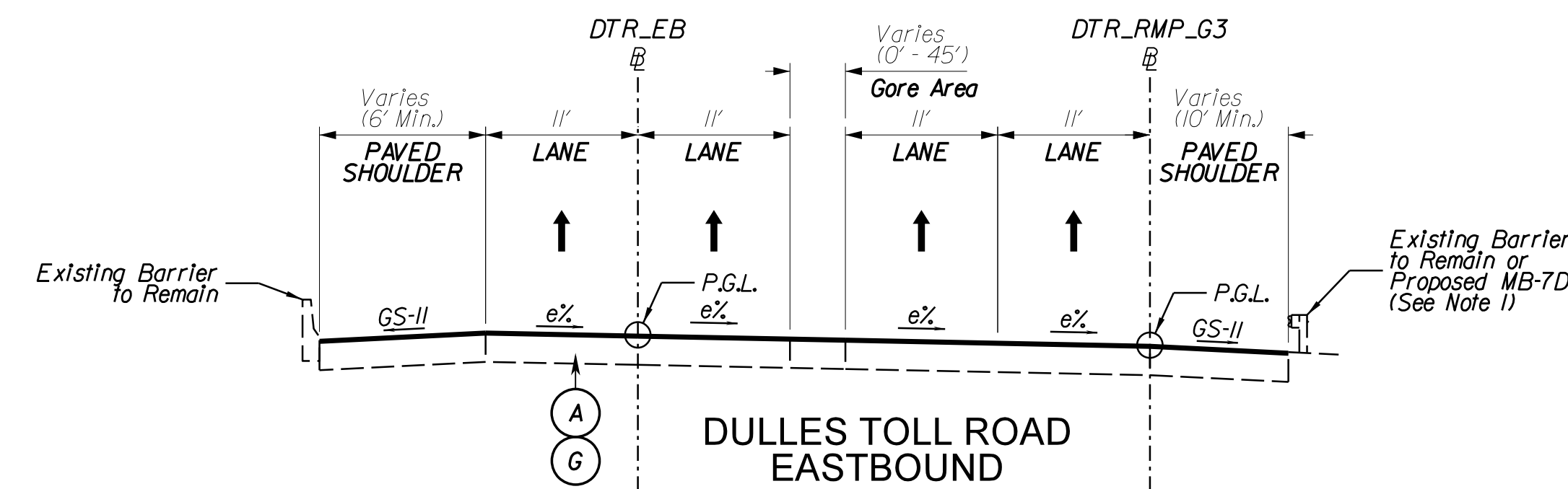
PROJECT	SHEET NO.
0495-029-419	2A(10)

PROJECT MANAGER Capital Railway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

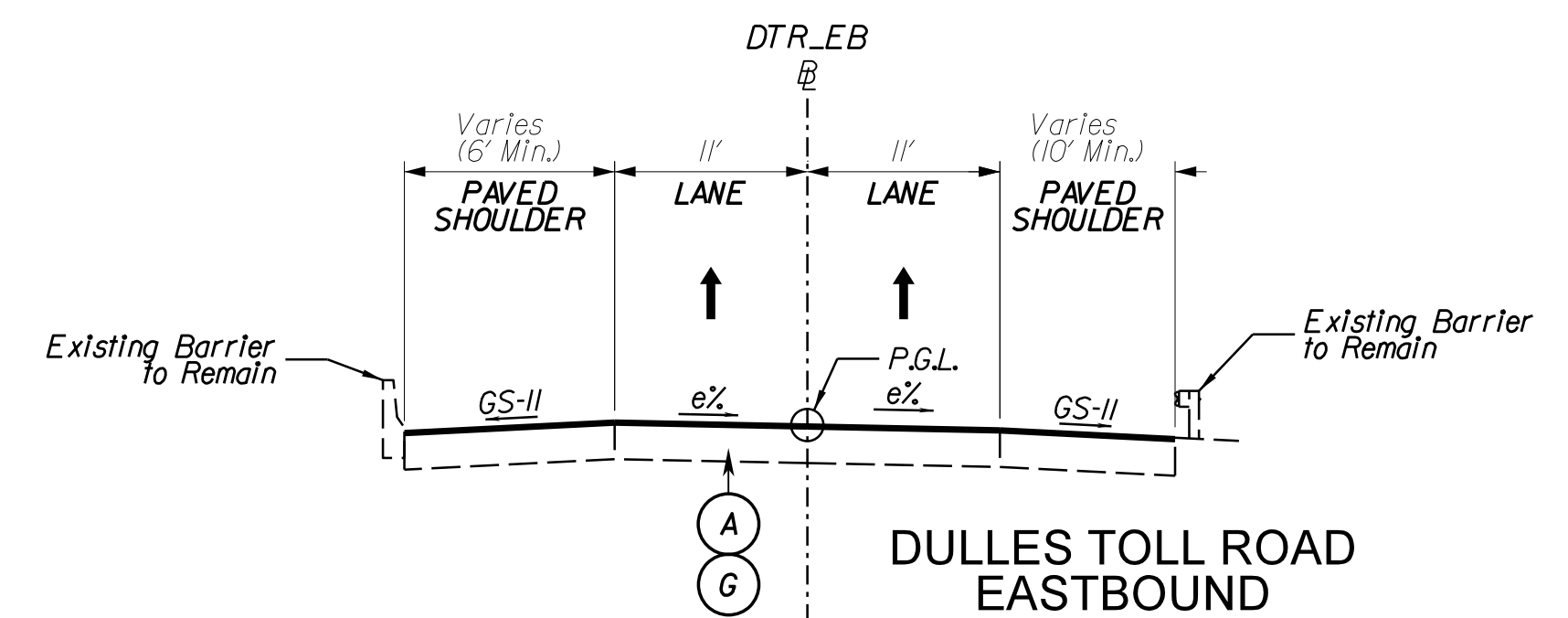
TYPICAL SECTIONS



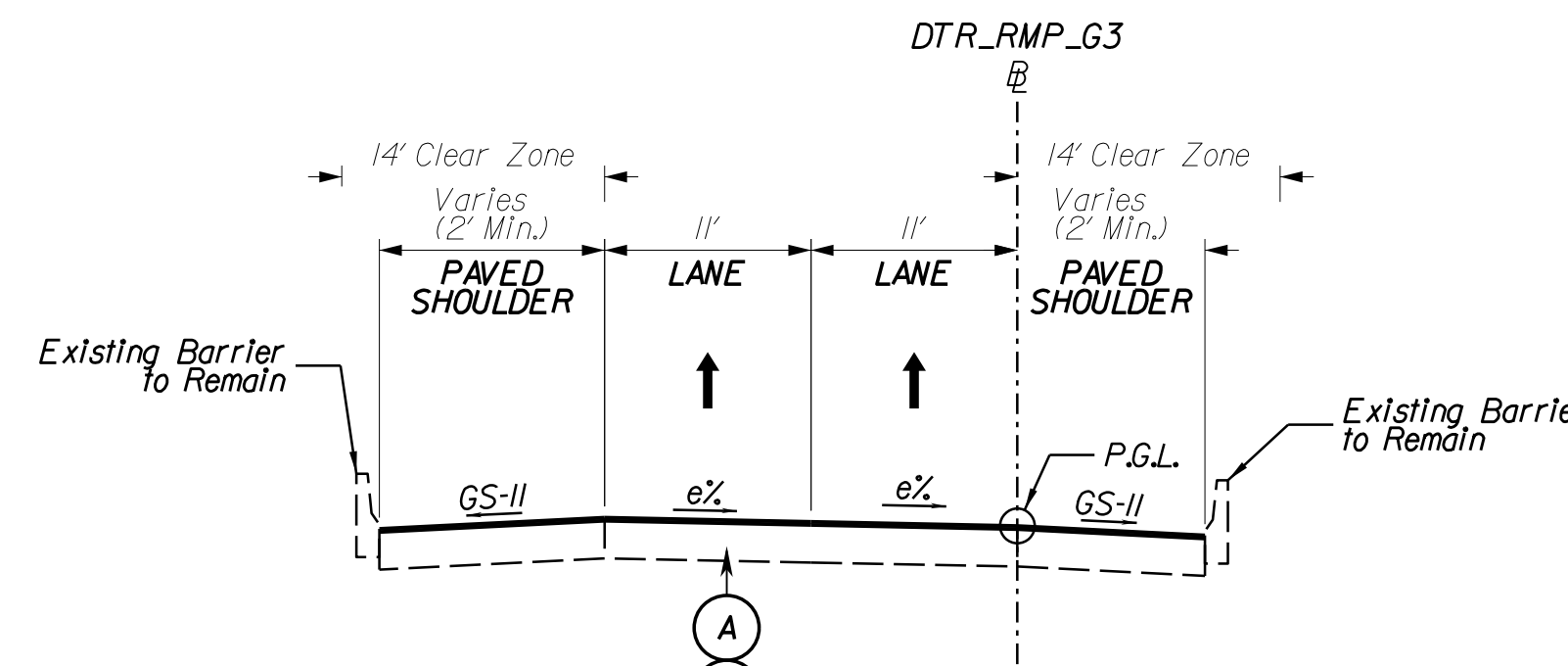
STATION TO STATION
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xx+xx (Dulles Toll Road Eastbound)
xx+xx (DTR Ramp E4)



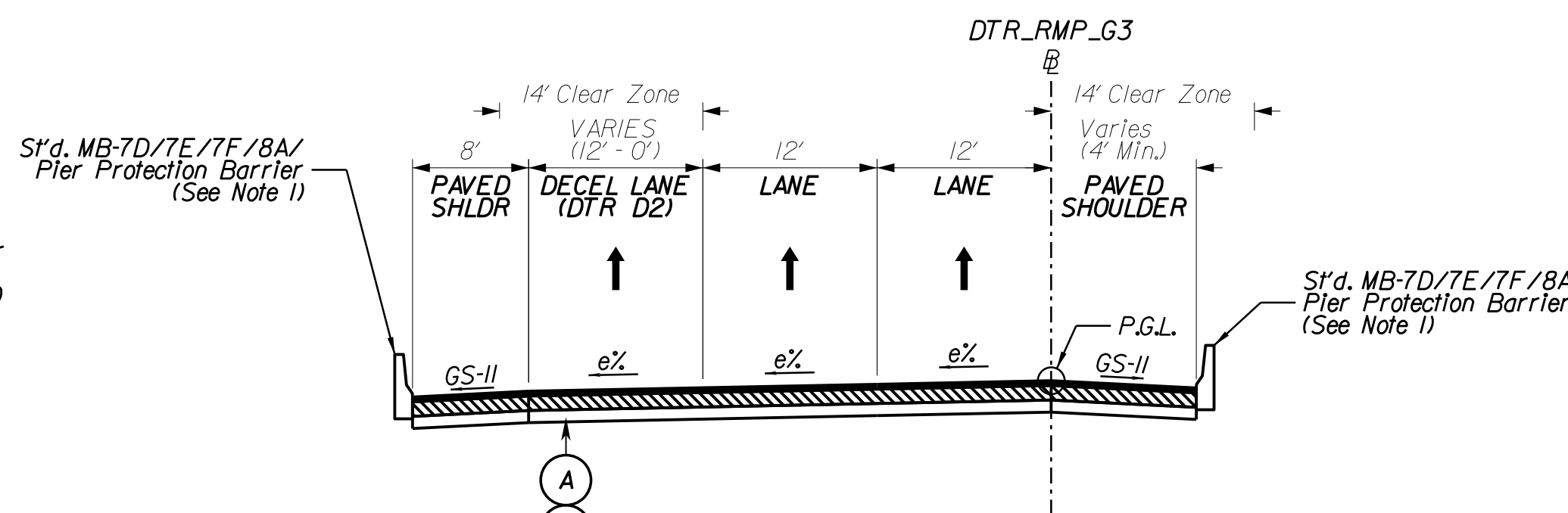
STATION TO STATION
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17+75 TO 22+00
(Dulles Toll Road Eastbound)
(DTR Ramp G3)



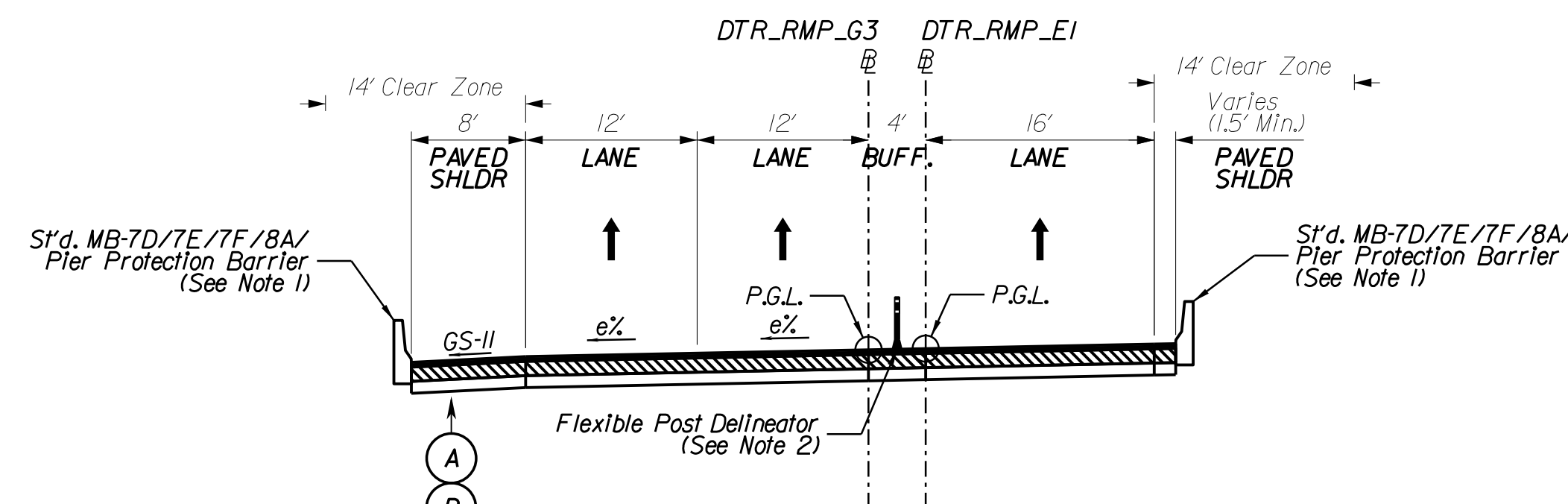
STATION TO STATION
24+88 TO 37+22
(Dulles Toll Road Eastbound)



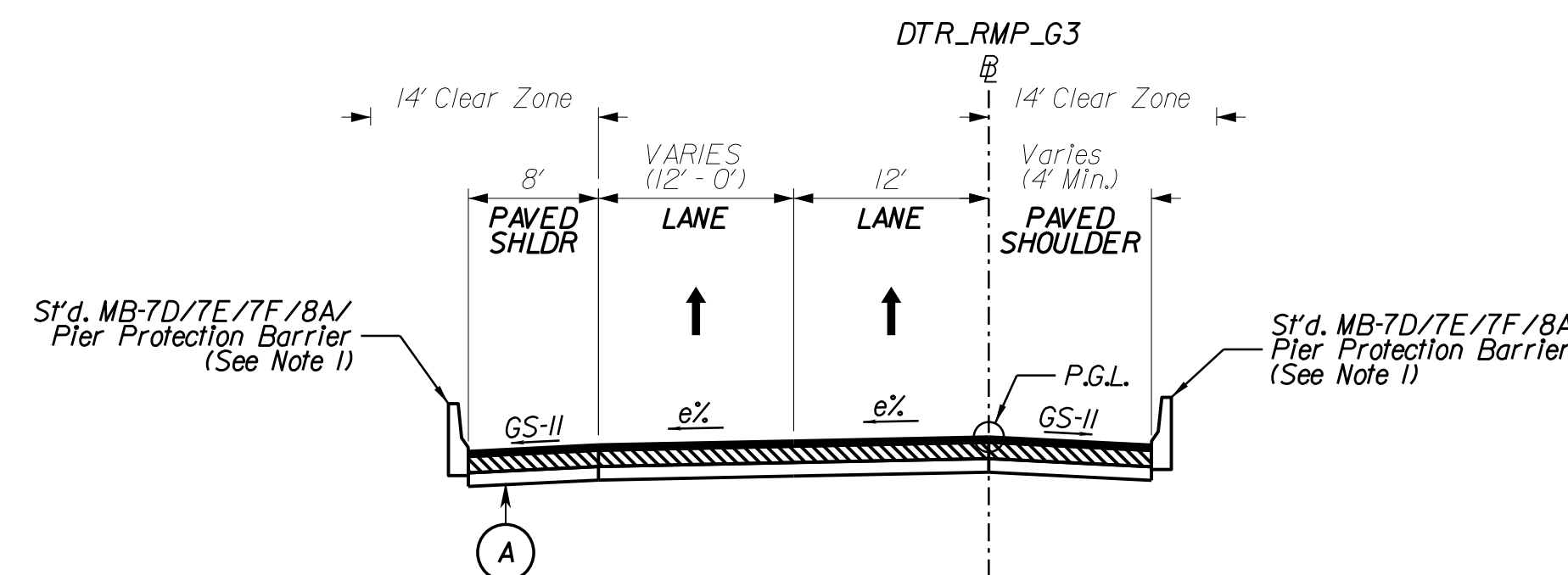
STATION TO STATION
22+00 TO 34+50
(DTR Ramp G3)



STATION TO STATION
34+50 TO 39+50
(DTR Ramp G3)



STATION TO STATION
39+50 TO 44+87
2+50 TO 29+50
(DTR Ramp G3)
(DTR Ramp E1)



STATION TO STATION
44+87 TO 46+87
(DTR Ramp G3)

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	2A(11)

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

Legend

- (A) Asphalt Concrete Surface Course, Type SMA-9.5 (64E-22) - 1.5 Inch Depth
- (B) Asphalt Concrete Intermediate Course, Type SMA-12.5 (64E-22) - 2 Inch Depth
- (C) Asphalt Concrete Base Course, Type BM-25.0D - 11 Inch Depth
- (D) Asphalt Concrete Base Course, Type BM-25.0D - 12.5 Inch Depth
- (E) Aggregate Base Material, Type 1, 21B - 10 Inch Depth
- (F) Cement Stabilized Aggregate Base Material, Type 1, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 9 Inch Depth
- (G) 2" Flexible Pavement Planing, Variable Depth Wedge and Leveling Course Type SMA-12.5 (64E-22)
- (EE) Asphalt Concrete Base Course, Type BM-25.0D - 12 Inch Depth
- (FF) Cement Stabilized Aggregate Base Material, Type 1, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 6 Inch Depth

NOTES:

1. See Conceptual Roadway Plan Sheets for Limits.
2. See Conceptual Signing, Pavement Marking, and Lighting Plans for Limits.

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

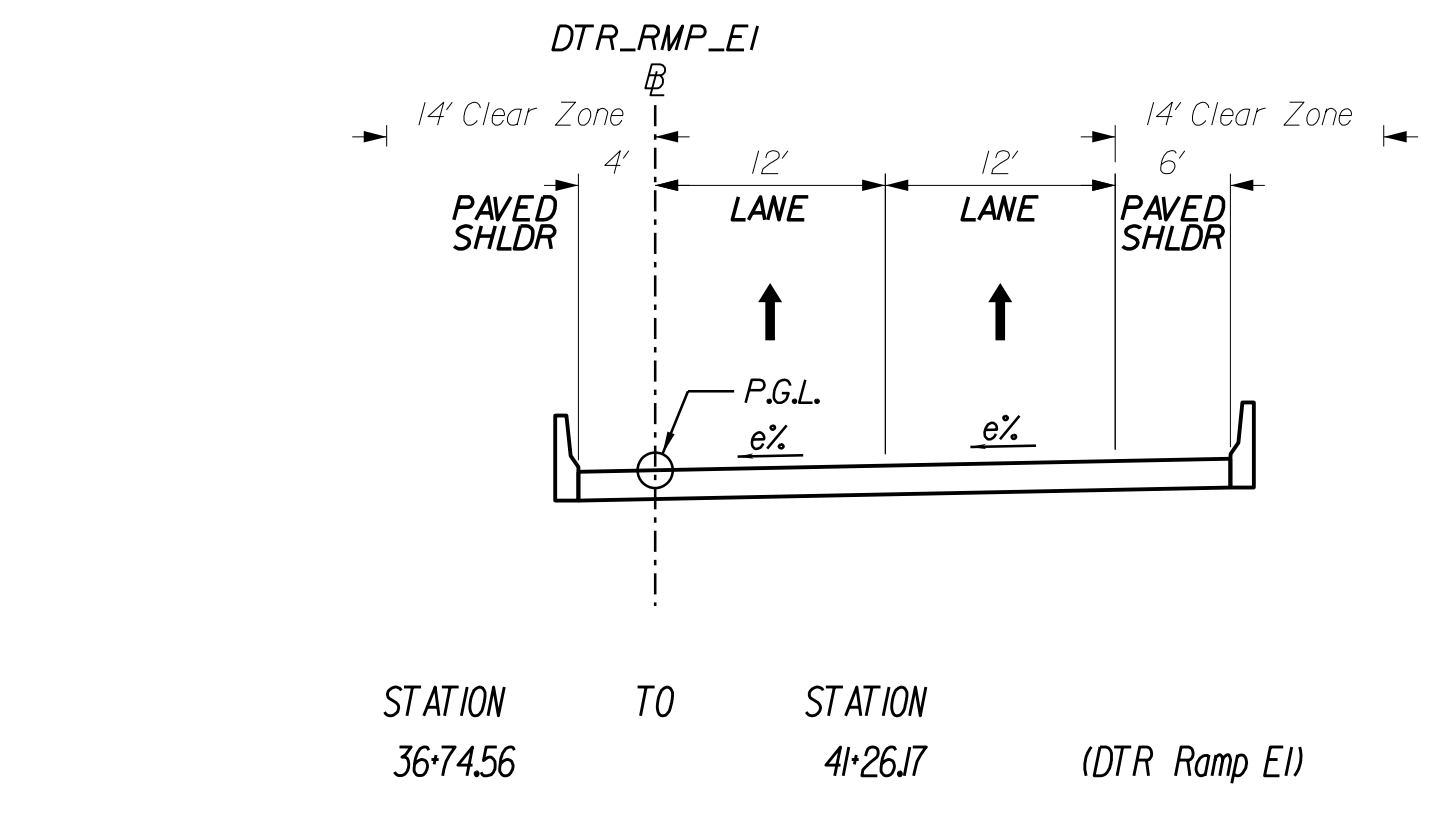
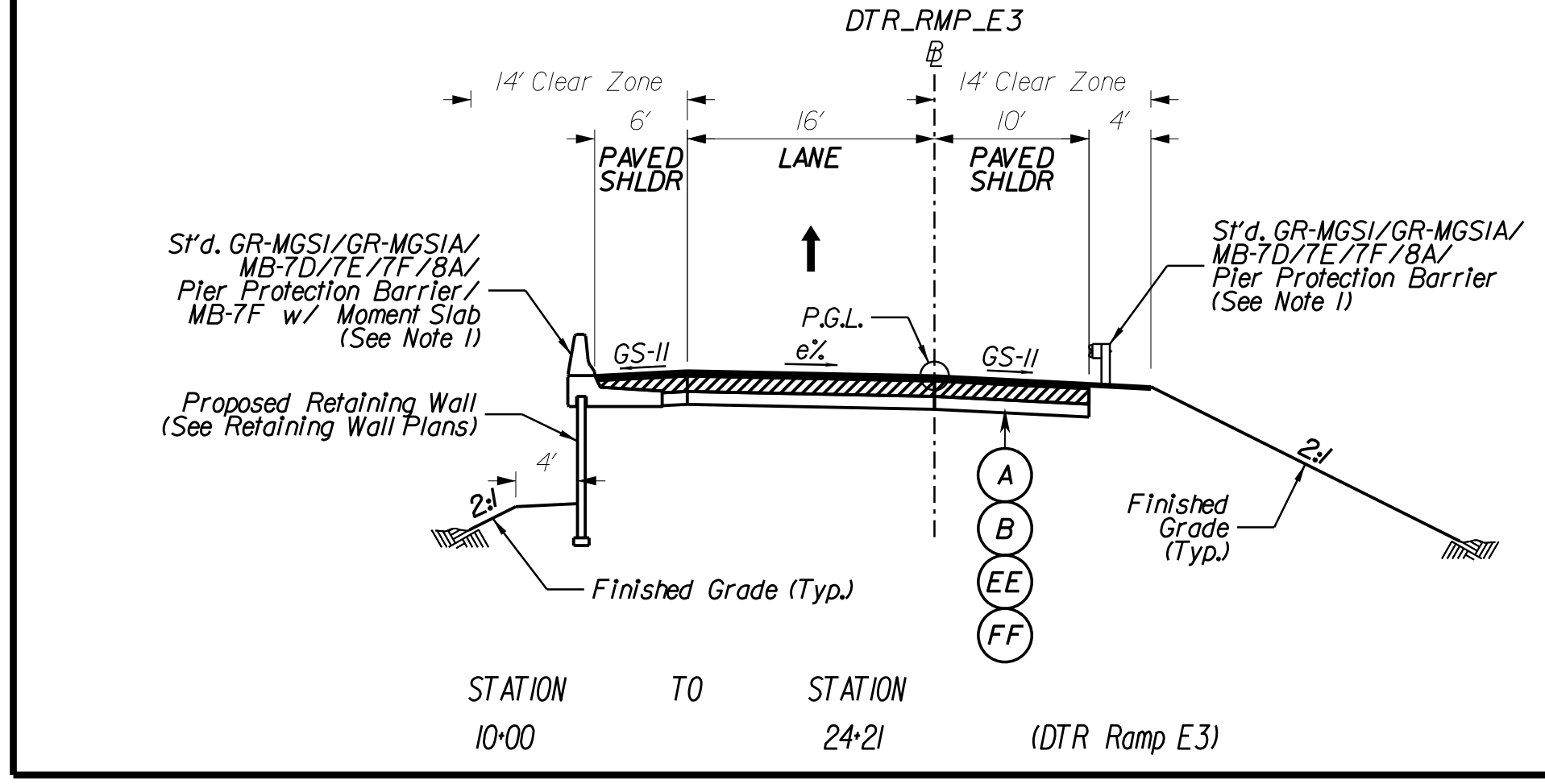
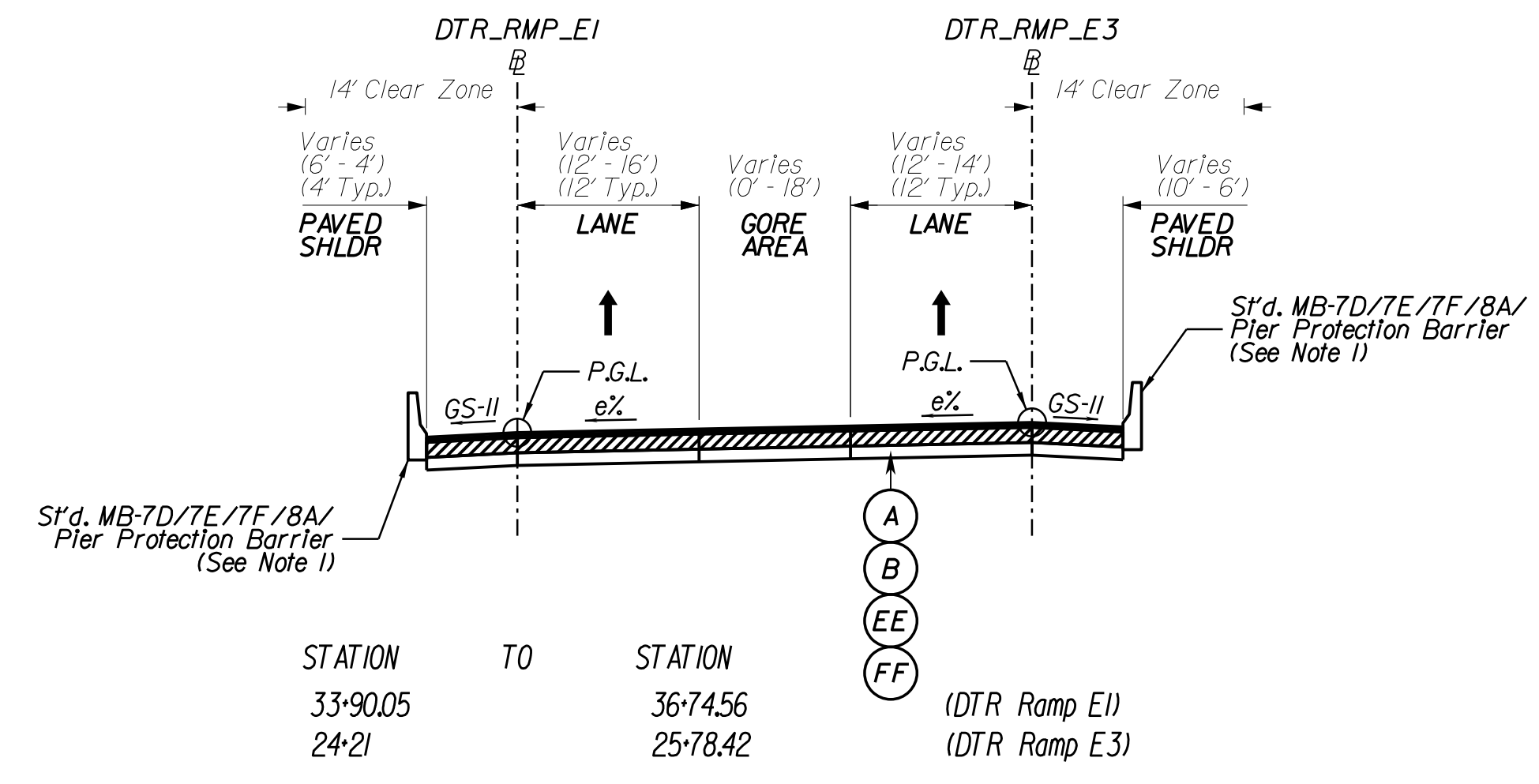
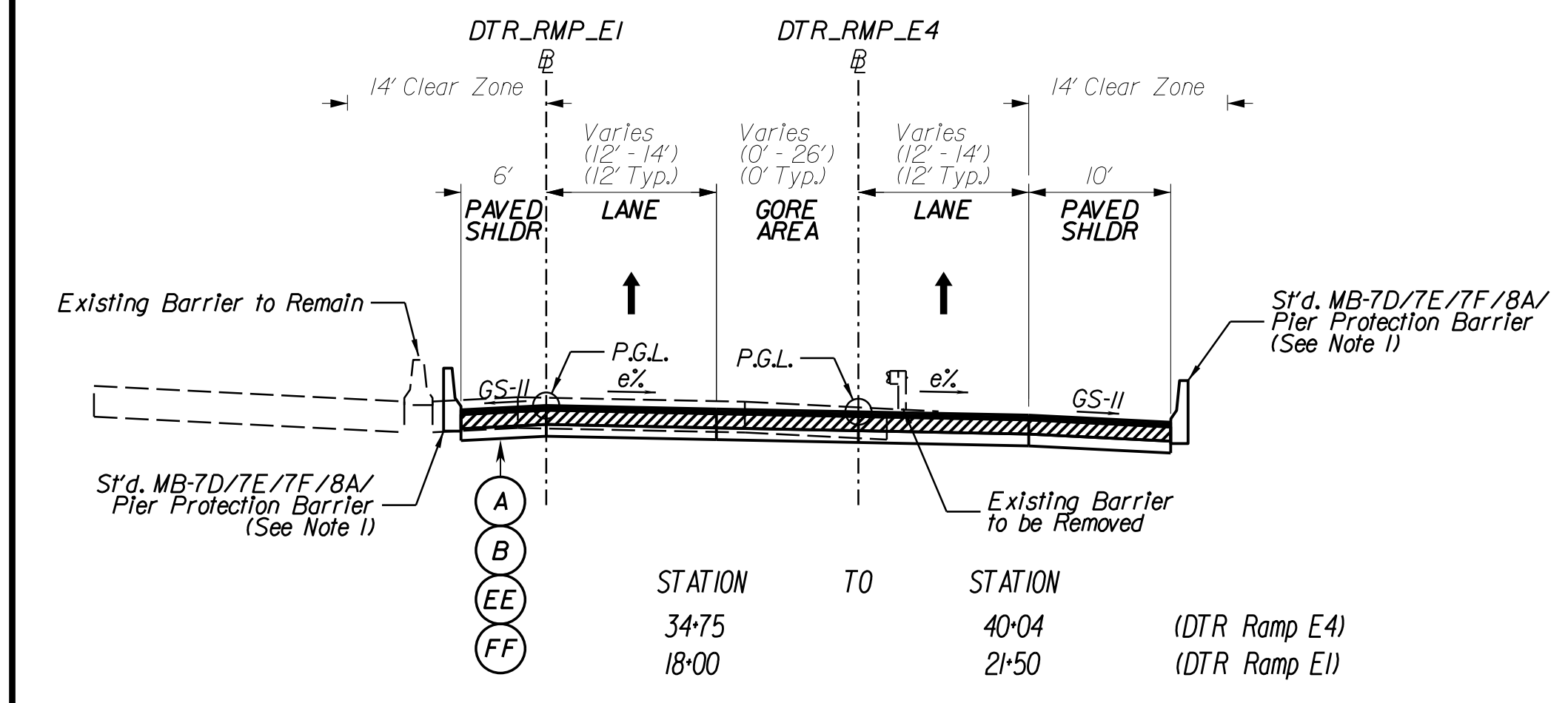
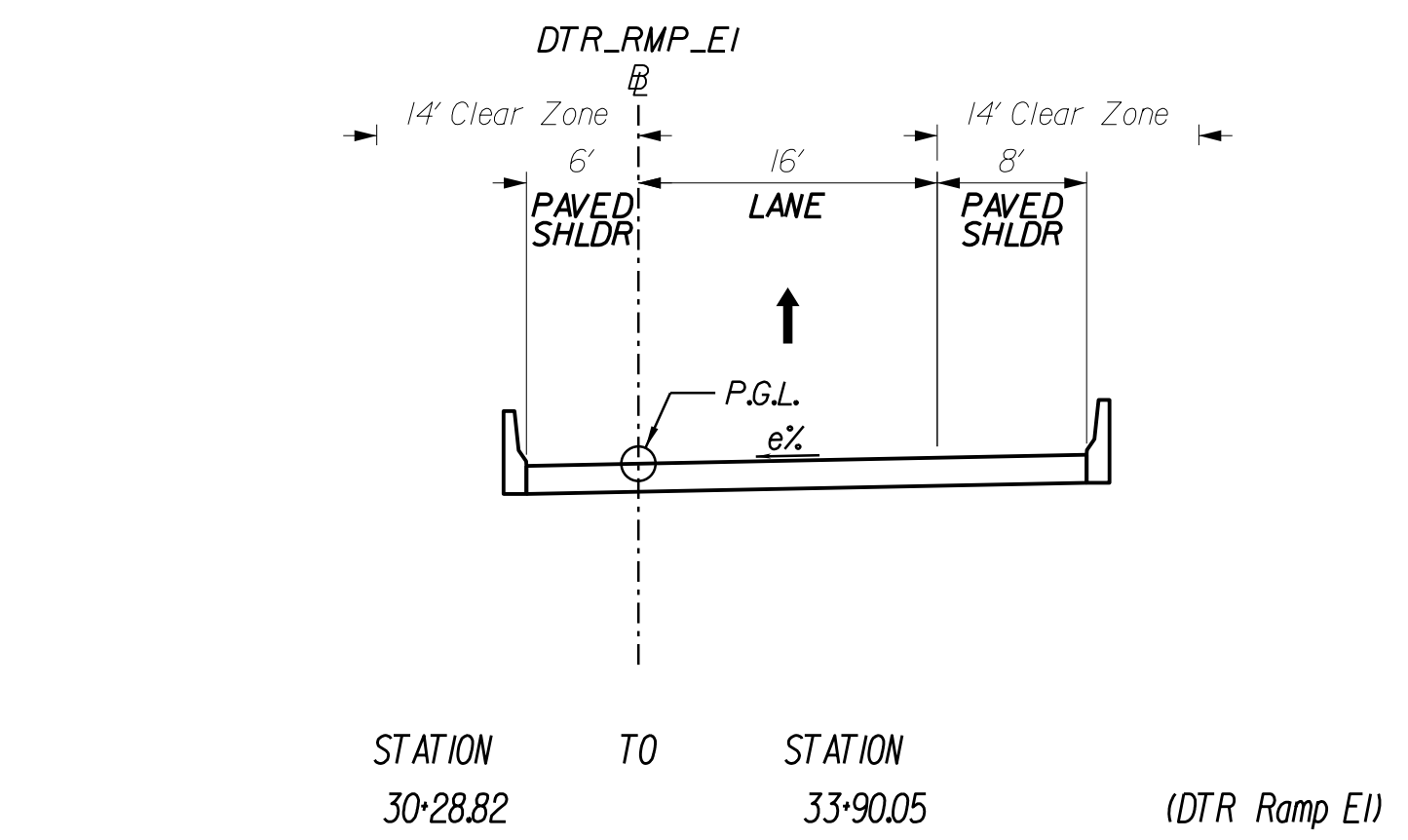
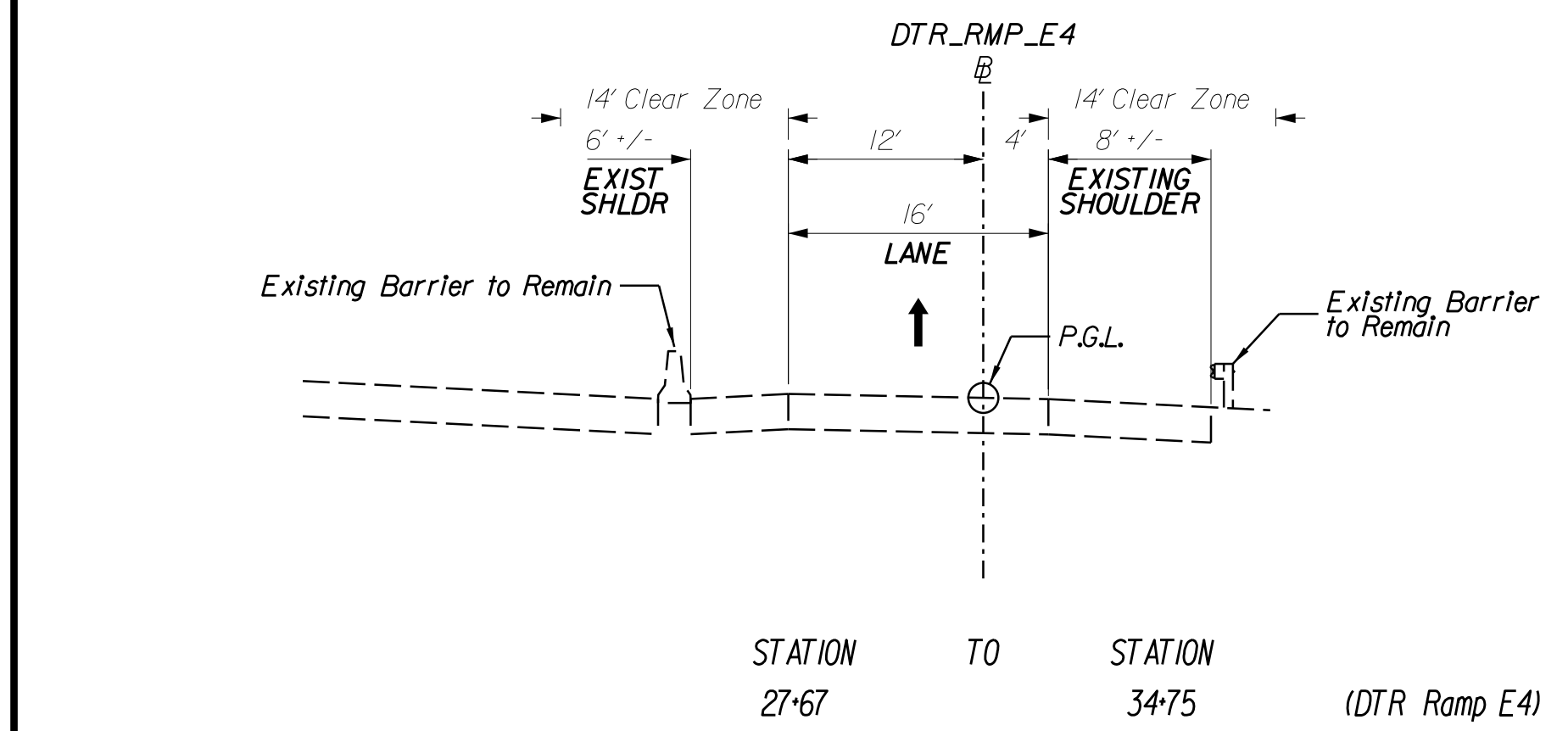
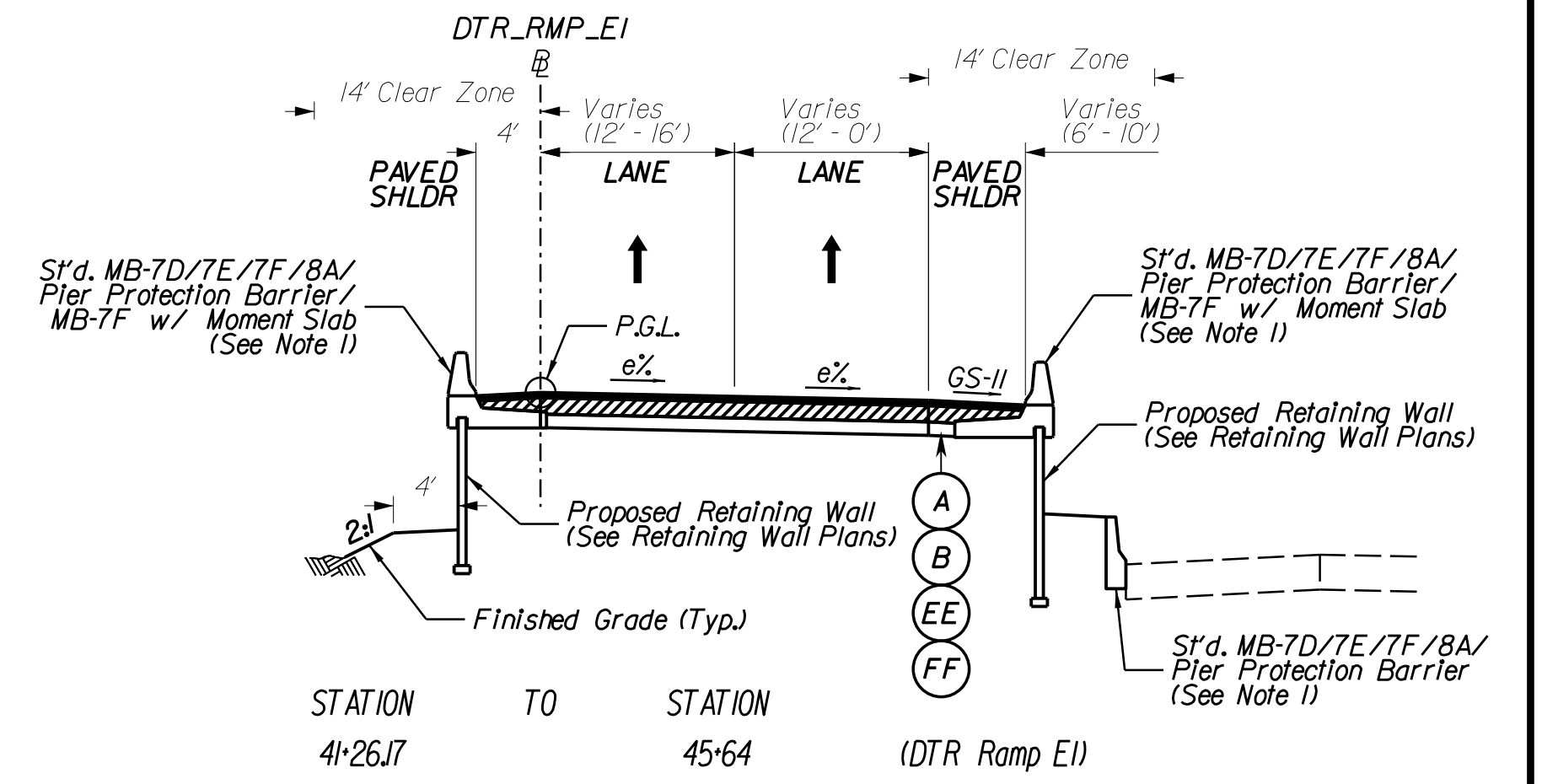
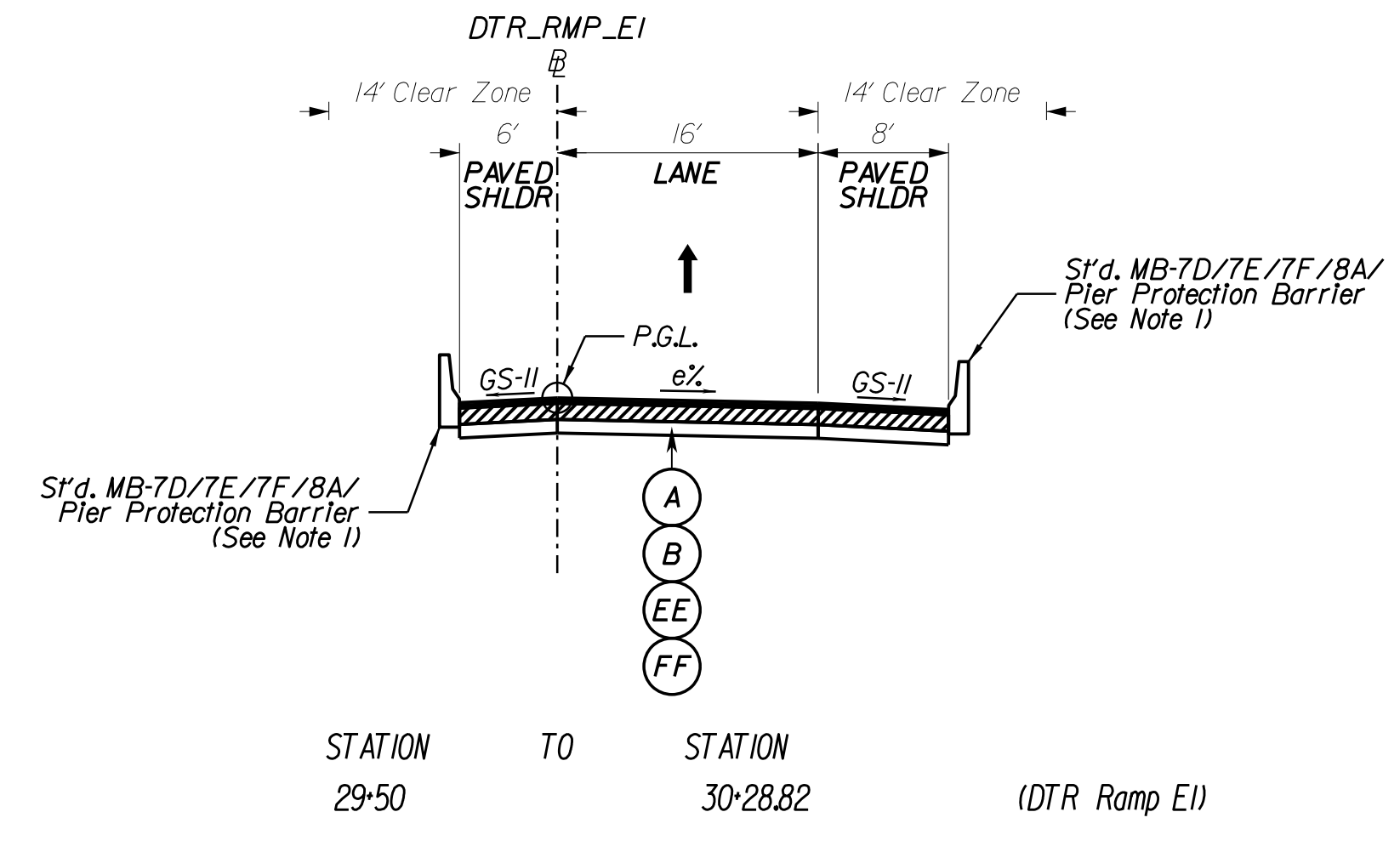
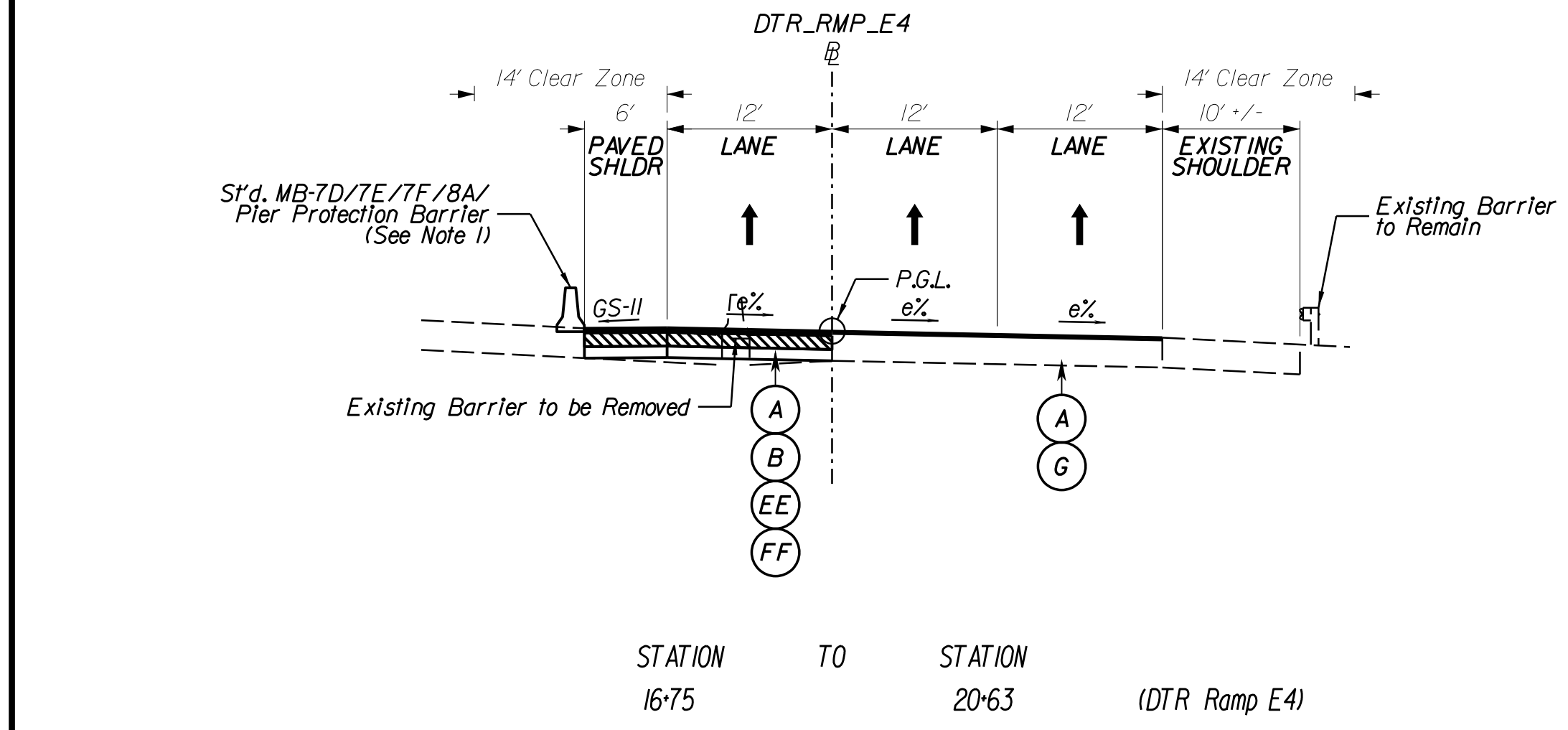
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER Capital Railway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	2A(12)

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



- Legend**
- (A) Asphalt Concrete Surface Course, Type SMA-9.5 (64E-22) - 1.5 Inch Depth
 - (B) Asphalt Concrete Intermediate Course, Type SMA-12.5 (64E-22) - 2 Inch Depth
 - (C) Asphalt Concrete Base Course, Type BM-25.0D - 11 Inch Depth
 - (D) Asphalt Concrete Base Course, Type BM-25.0D - 12.5 Inch Depth
 - (E) Aggregate Base Material, Type I, 21B - 10 Inch Depth
 - (F) Cement Stabilized Aggregate Base Material, Type I, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 9 Inch Depth
 - (G) 2" Flexible Pavement Planing, Variable Depth Wedge and Leveling Course Type SMA-12.5 (64E-22)
 - (EE) Asphalt Concrete Base Course, Type BM-25.0D - 12 Inch Depth
 - (FF) Cement Stabilized Aggregate Base Material, Type I, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 6 Inch Depth
 - (I) Aggregate Base Material, Type I, Size No. 21B - 14 Inch Depth

NOTES:
1. See Conceptual Roadway Plan Sheets for Limits.
2. See Conceptual Signing, Pavement Marking, and Lighting Plans for Limits.

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

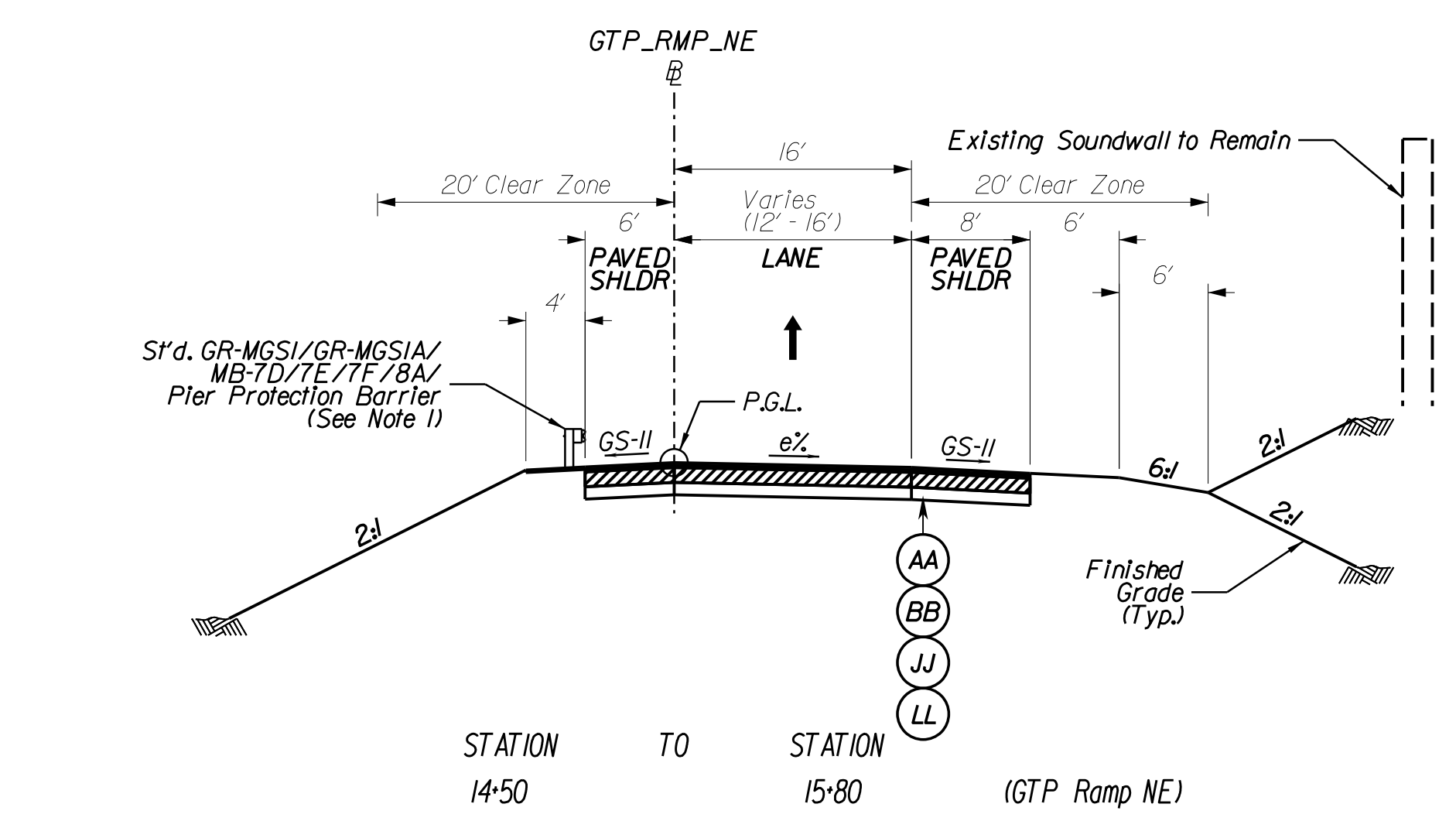
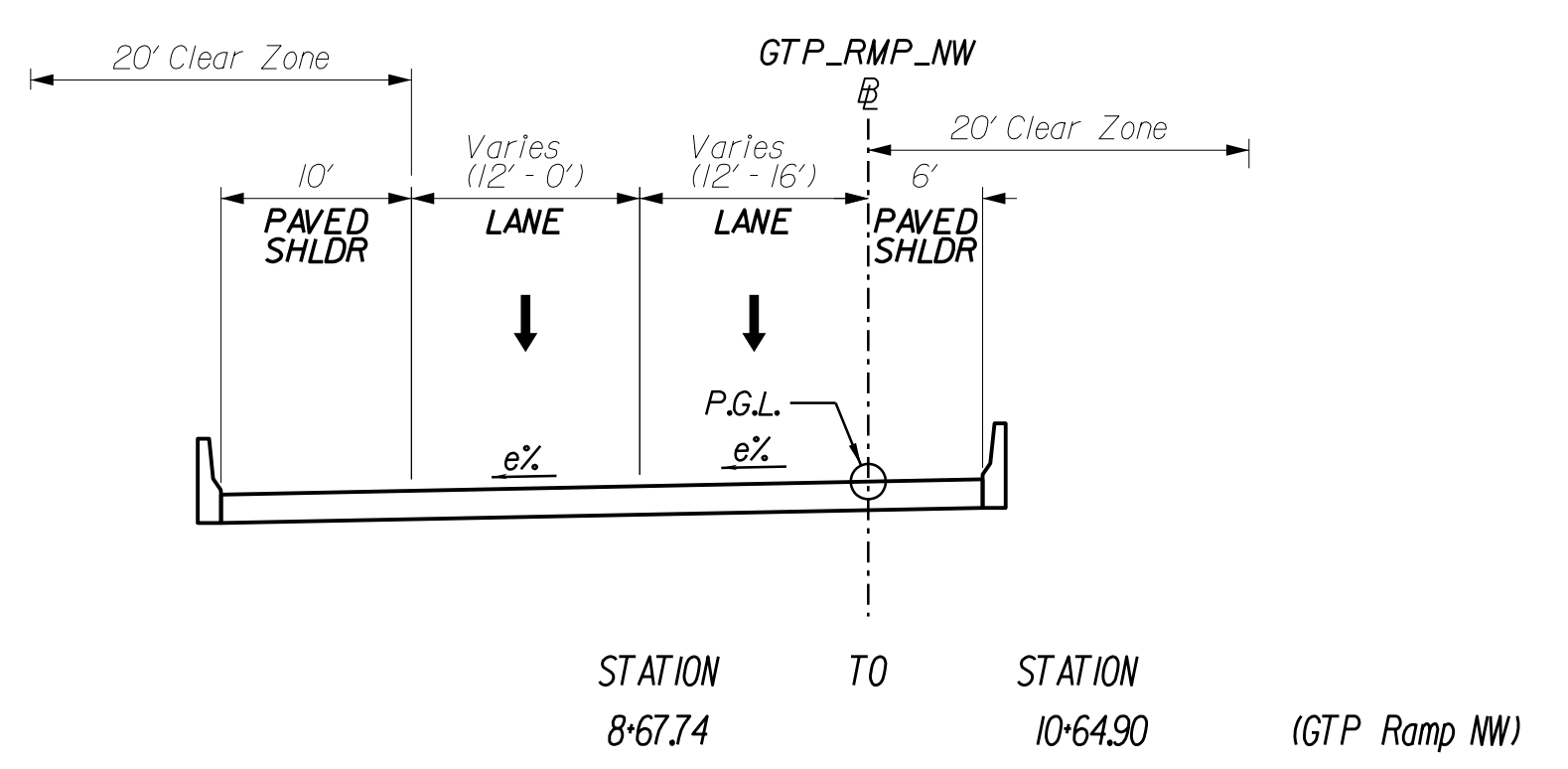
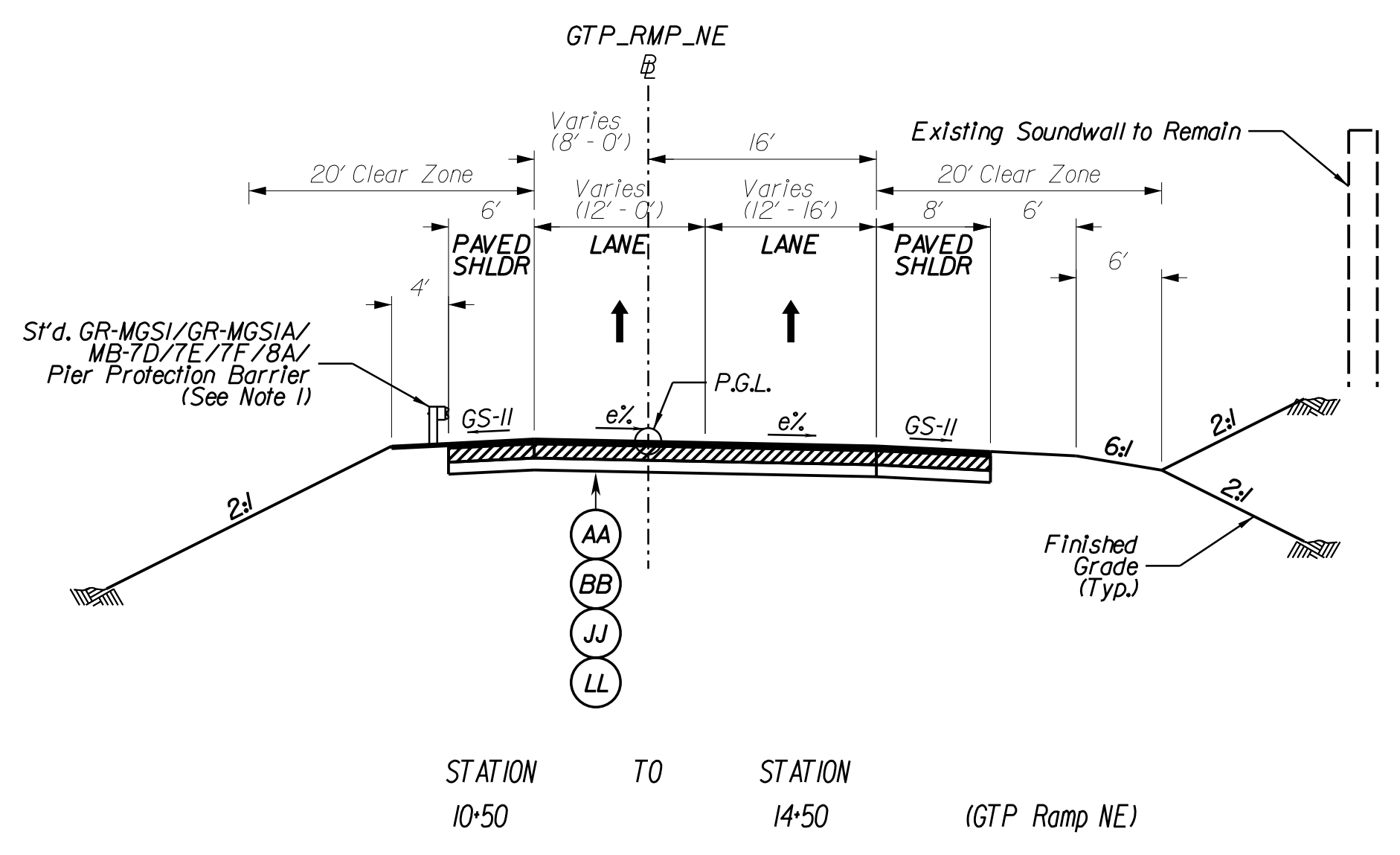
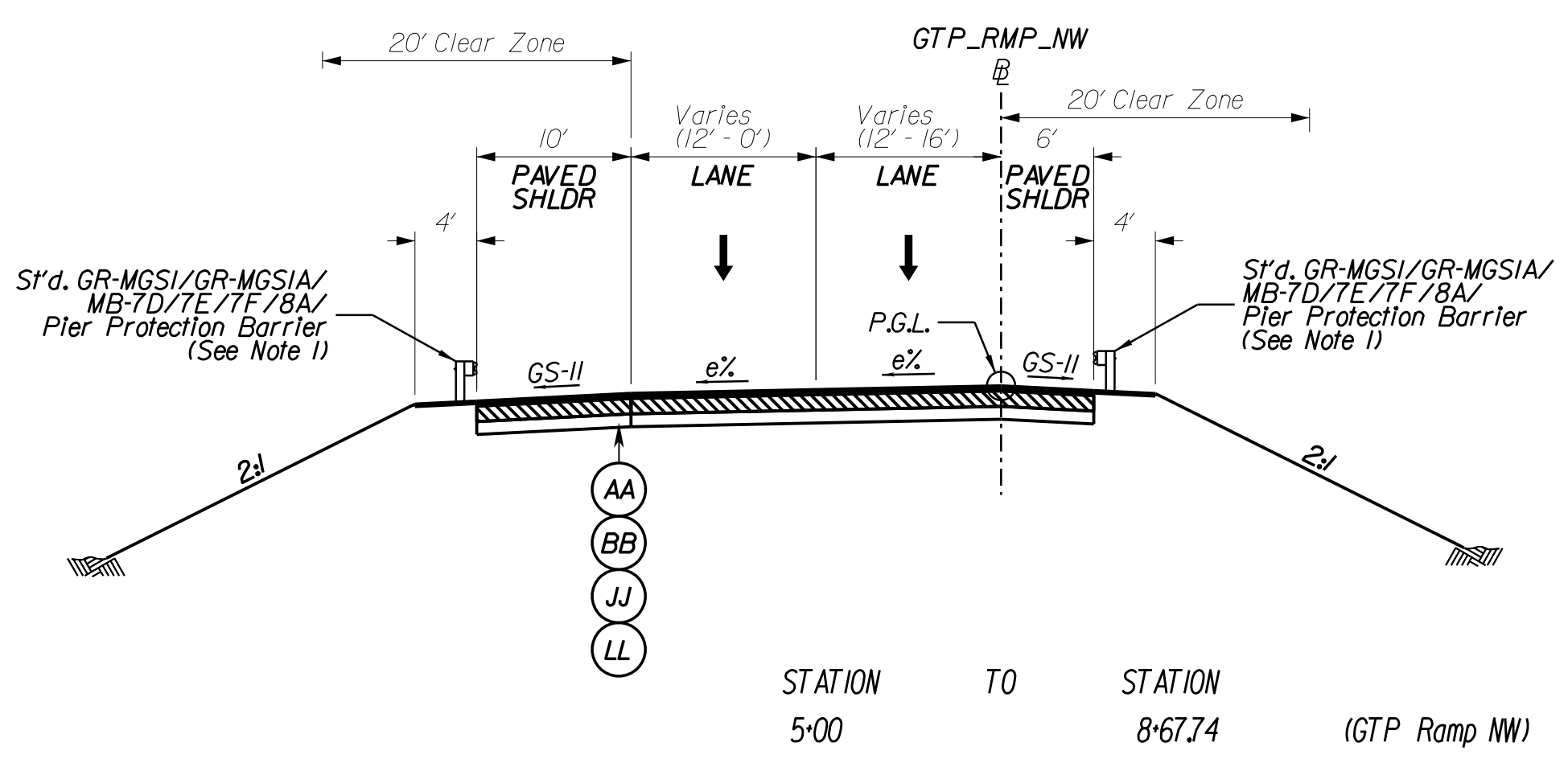
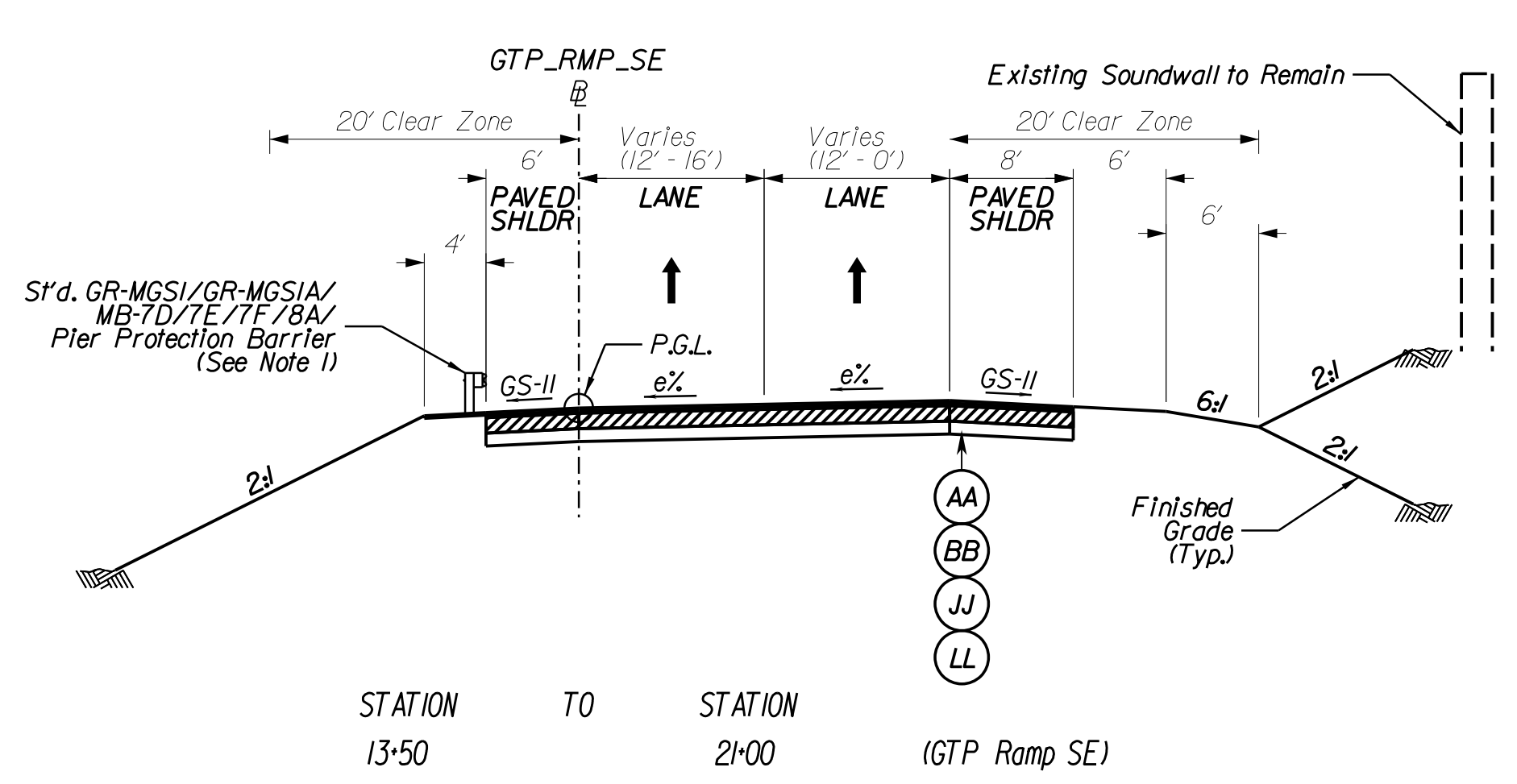
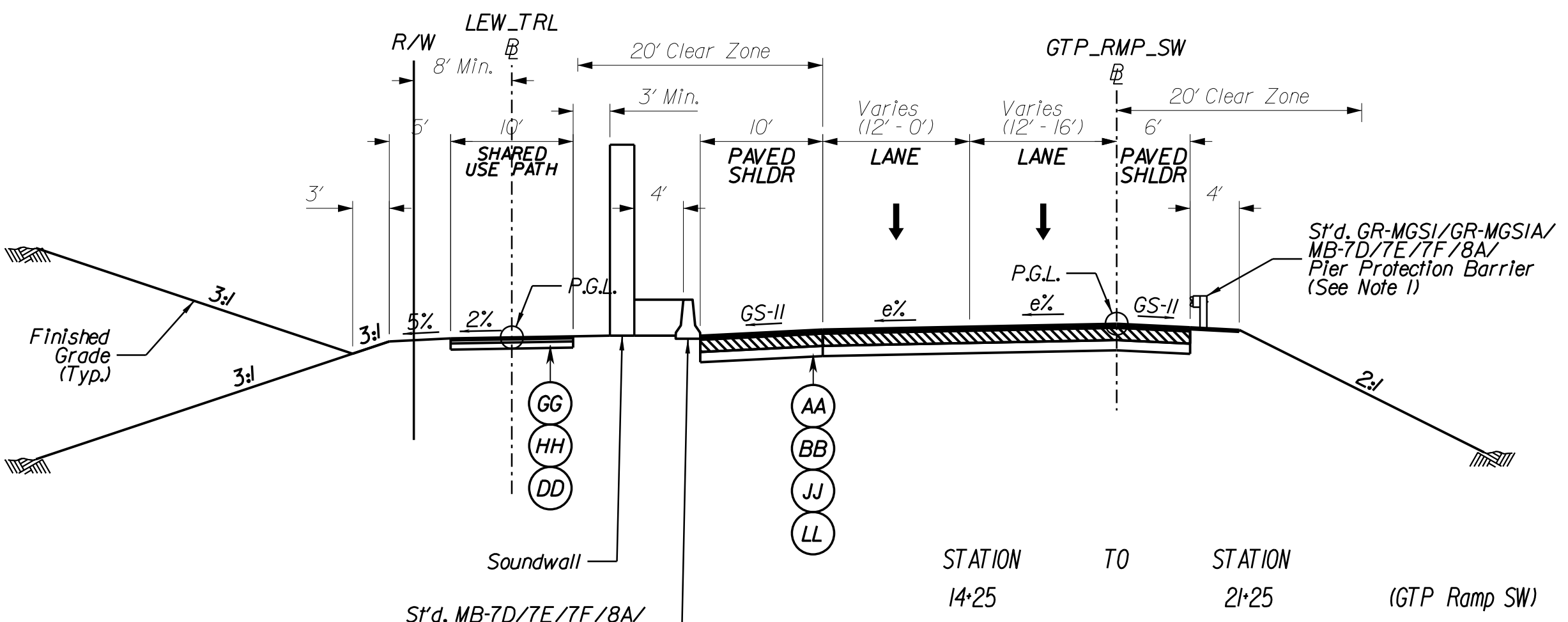
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PROJECT	SHEET NO.
0495-029-419	2A(12)

PROJECT MANAGER Capital Railway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	2A(13)



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

- Legend**
- AA Asphalt Concrete Surface Course, Type SM-9.5D - 1.5 Inch Depth
 - BB Asphalt Concrete Intermediate Course, Type IM-19.0D - 2 Inch Depth
 - CC Asphalt Concrete Base Course, Type BM-25.0A - 3 Inch Depth
 - DD Aggregate Base Material, Type I, Size No. 21B - 6 Inch Depth
 - EE Asphalt Concrete Base Course, Type BM-25.0D - 12 Inch Depth
 - FF Cement Stabilized Aggregate Base Material, Type I, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 6 Inch Depth
 - GG Asphalt Concrete Surface Course, Type SM-9.5A - 1.5 Inch Depth
 - HH Asphalt Concrete Intermediate Course, Type IM-19.0A - 2 Inch Depth
 - II Aggregate Base Material, Type I, Size No. 21B - 14 Inch Depth
 - JJ Asphalt Concrete Base Course, Type BM-25.0A - 6.5 Inch Depth
 - KK Asphalt Concrete Base Course, Type BM-25.0A - 8.5 Inch Depth
 - LL Aggregate Base Material, Type I, Size No. 21B - 12 Inch Depth

- NOTES:**
1. See Conceptual Roadway Plan Sheets for Limits.
 2. See Conceptual Signing, Pavement Marking, and Lighting Plans for Limits.

PUBLIC HEARING PLANS
DATE: 02/21/2020

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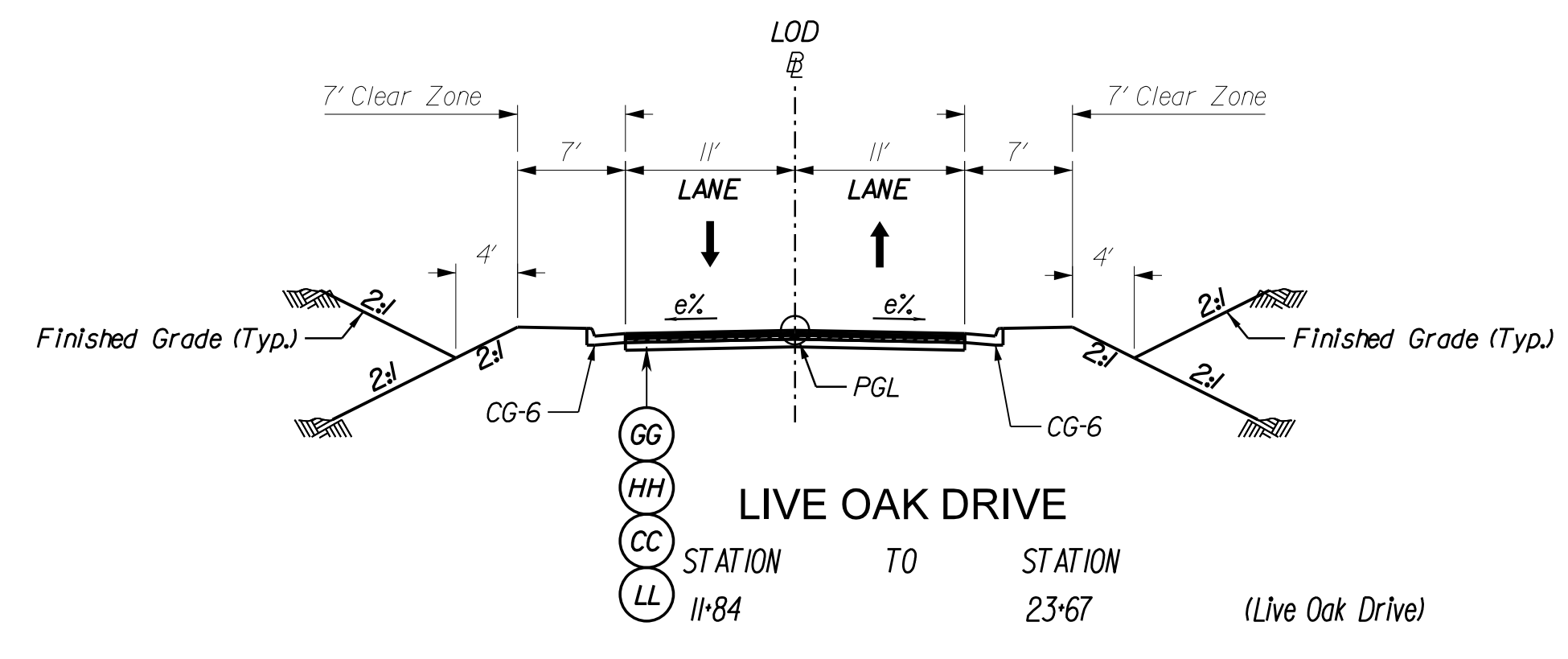
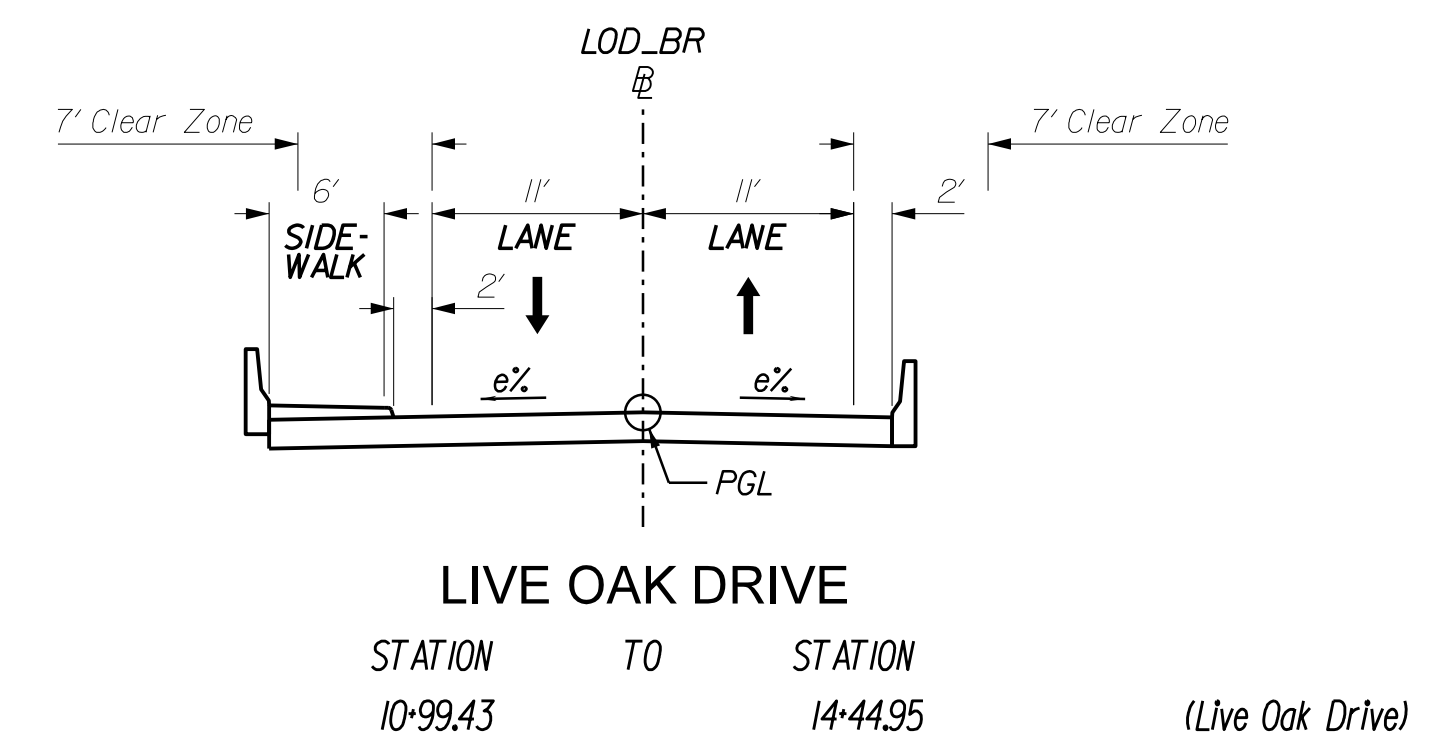
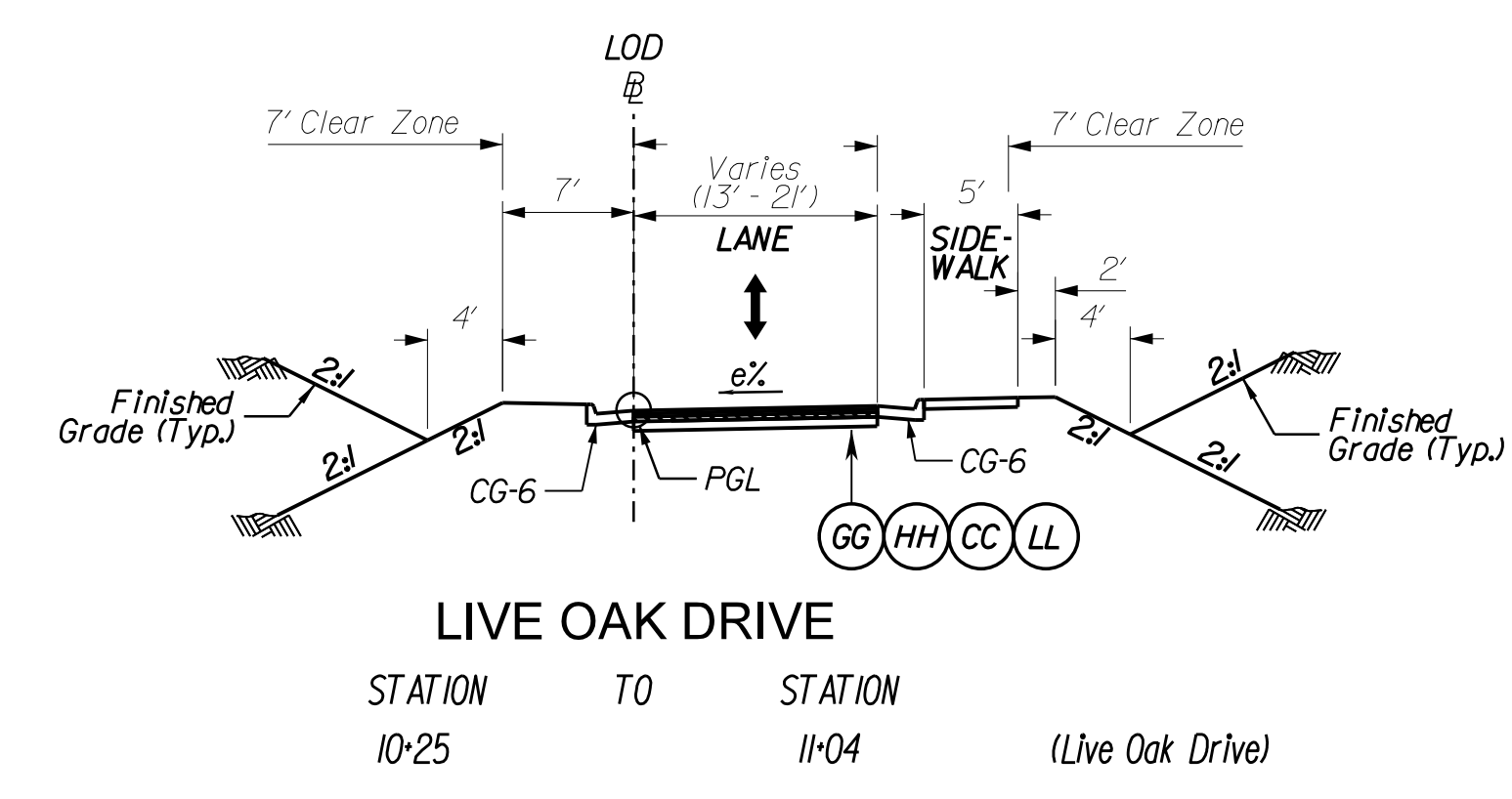
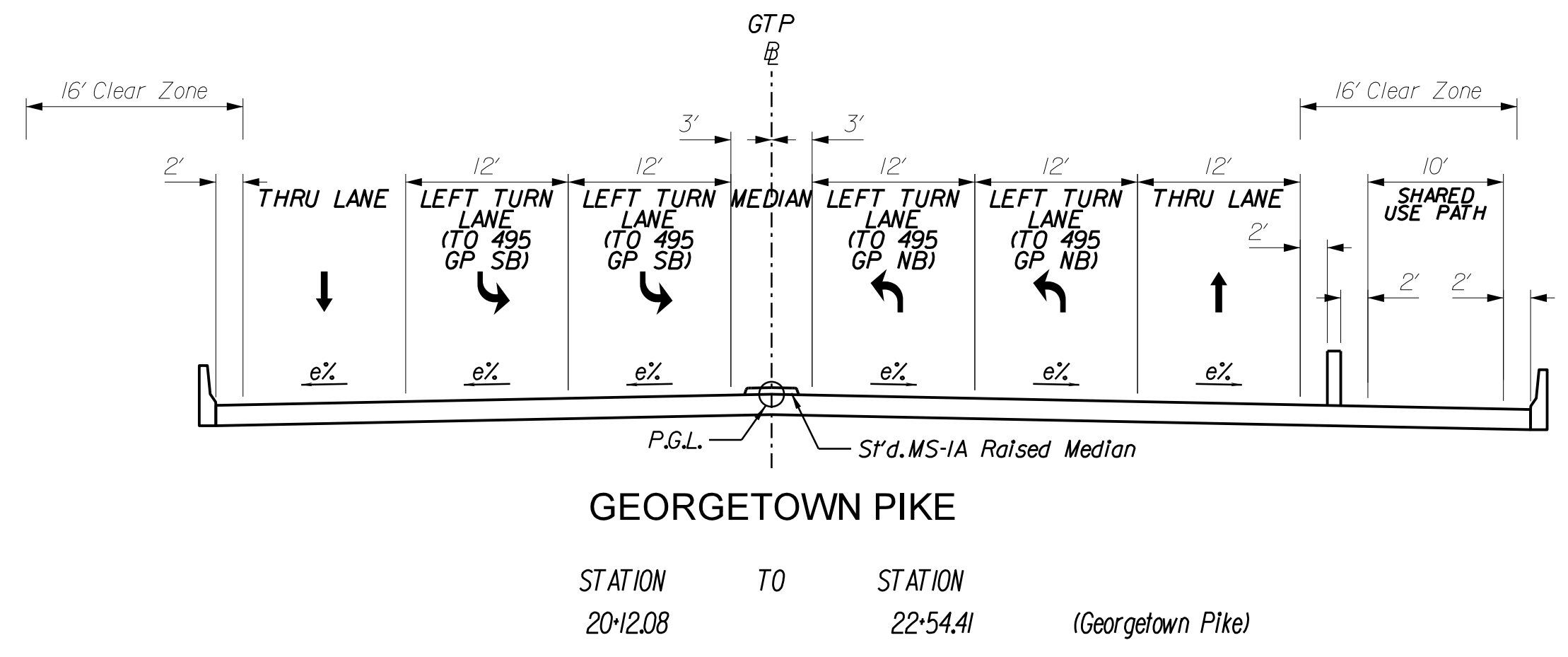
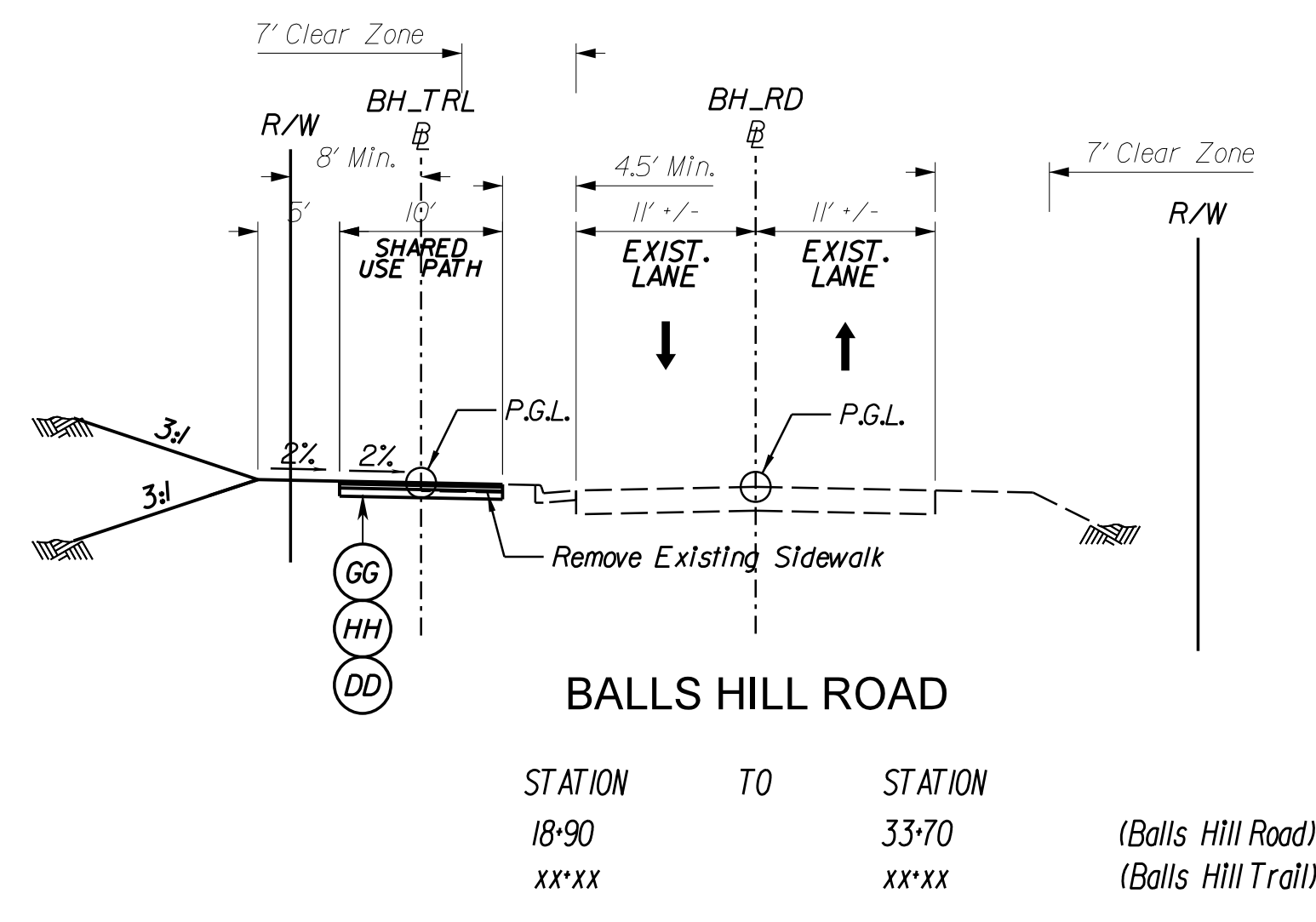
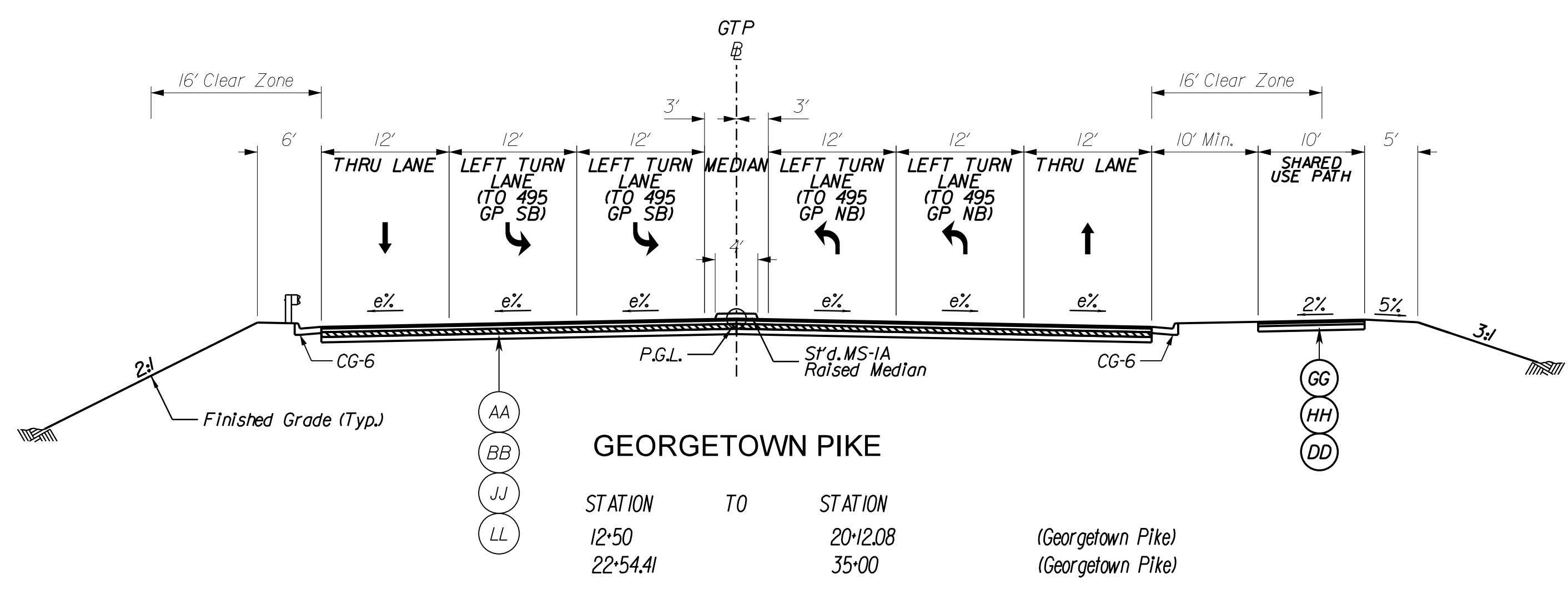
PROJECT	SHEET NO.
0495-029-419	2A(13)

PROJECT MANAGER Capital Railway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	2A(14)

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



- Legend**
- (AA) Asphalt Concrete Surface Course, Type SM-9.5D - 1.5 Inch Depth
 - (BB) Asphalt Concrete Intermediate Course, Type IM-19.0D - 2 Inch Depth
 - (CC) Asphalt Concrete Base Course, Type BM-25.0A - 3 Inch Depth
 - (DD) Aggregate Base Material, Type I, Size No. 21B - 6 Inch Depth
 - (EE) Asphalt Concrete Base Course, Type BM-25.0D - 12 Inch Depth
 - (FF) Cement Stabilized Aggregate Base Material, Type I, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 6 Inch Depth
 - (GG) Asphalt Concrete Surface Course, Type SM-9.5A - 1.5 Inch Depth
 - (HH) Asphalt Concrete Intermediate Course, Type IM-19.0A - 2 Inch Depth
 - (II) Aggregate Base Material, Type I, Size No. 21B - 14 Inch Depth
 - (JJ) Asphalt Concrete Base Course, Type BM-25.0A - 6.5 Inch Depth
 - (KK) Asphalt Concrete Base Course, Type BM-25.0A - 8.5 Inch Depth
 - (LL) Aggregate Base Material, Type I, Size No. 21B - 12 Inch Depth

- NOTES:**
- See Conceptual Roadway Plan Sheets for Limits.
 - See Conceptual Signing, Pavement Marking, and Lighting Plans for Limits.

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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PROJECT	SHEET NO.
0495-029-419	2A(14)

PROJECT MANAGER Capital Railway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	2A(15)

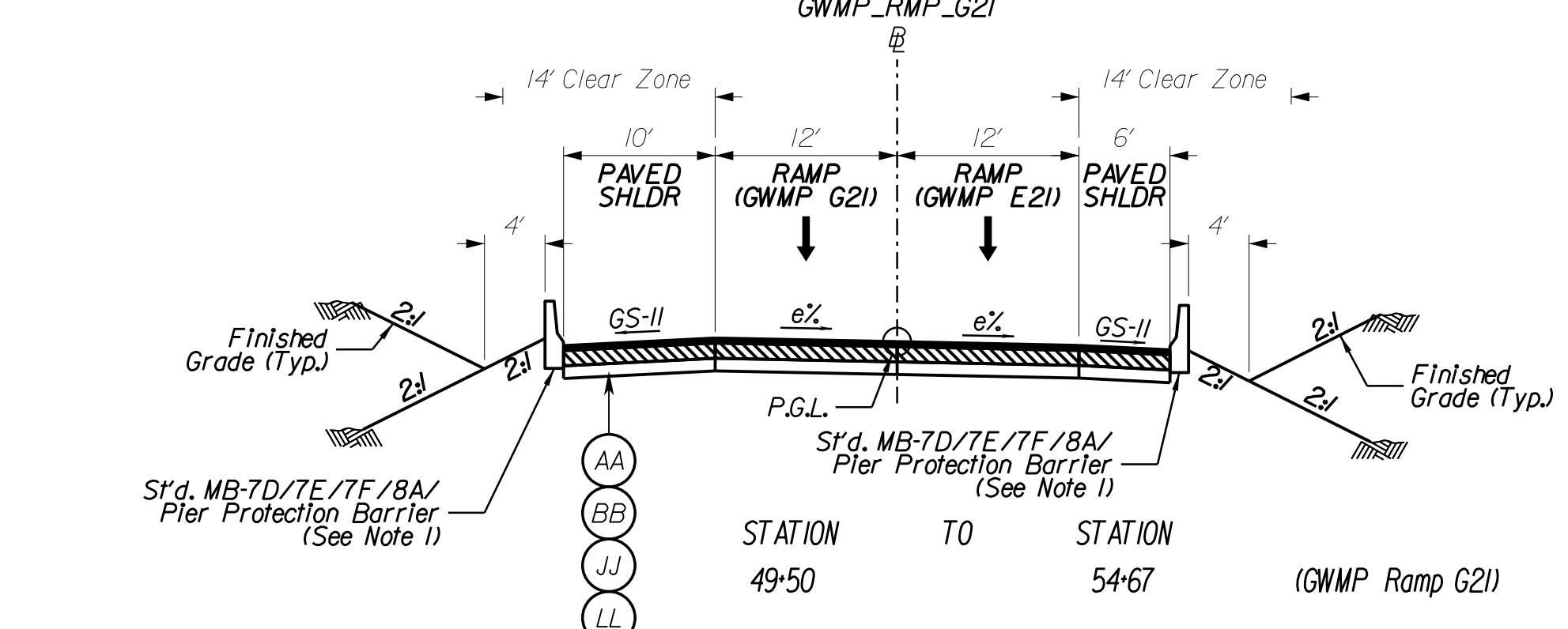
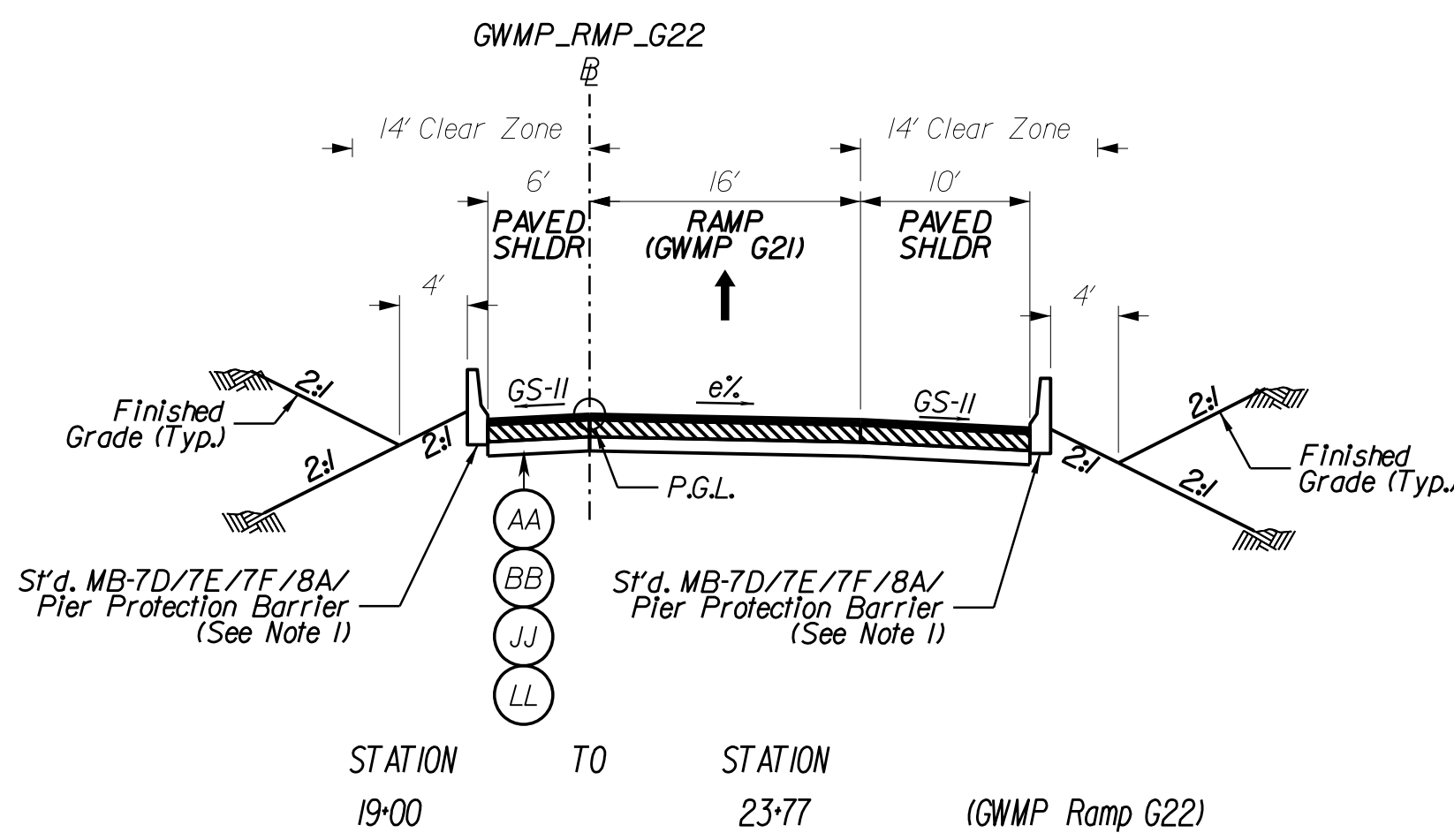
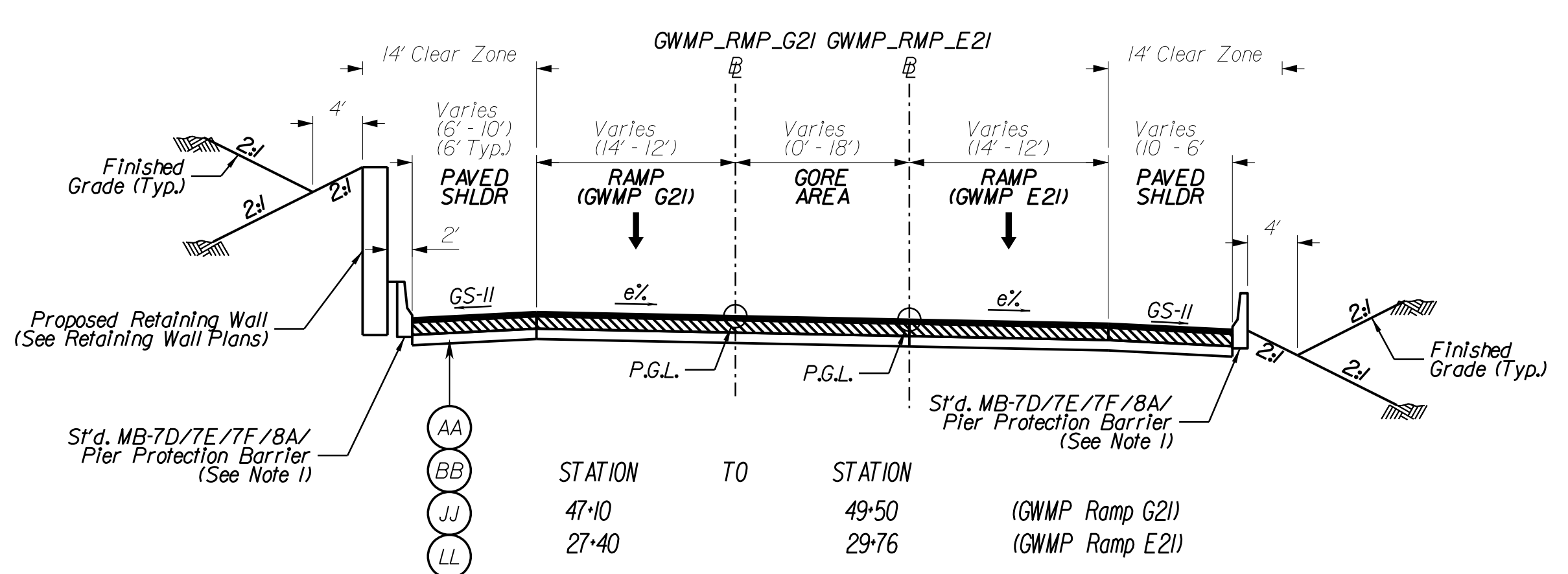
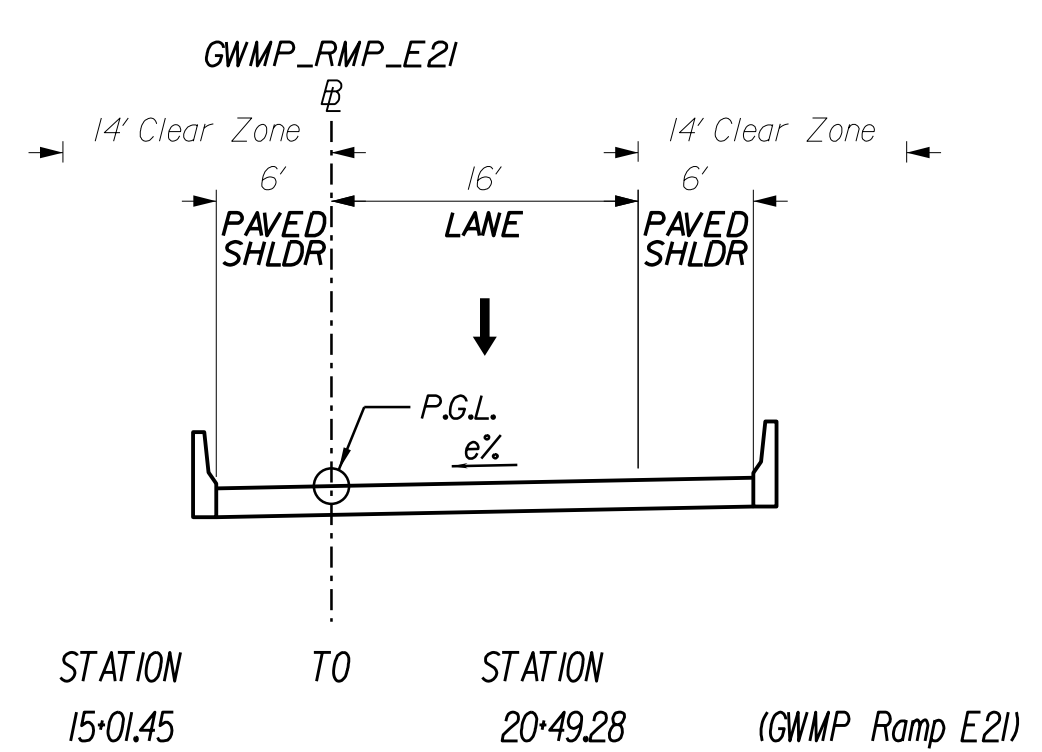
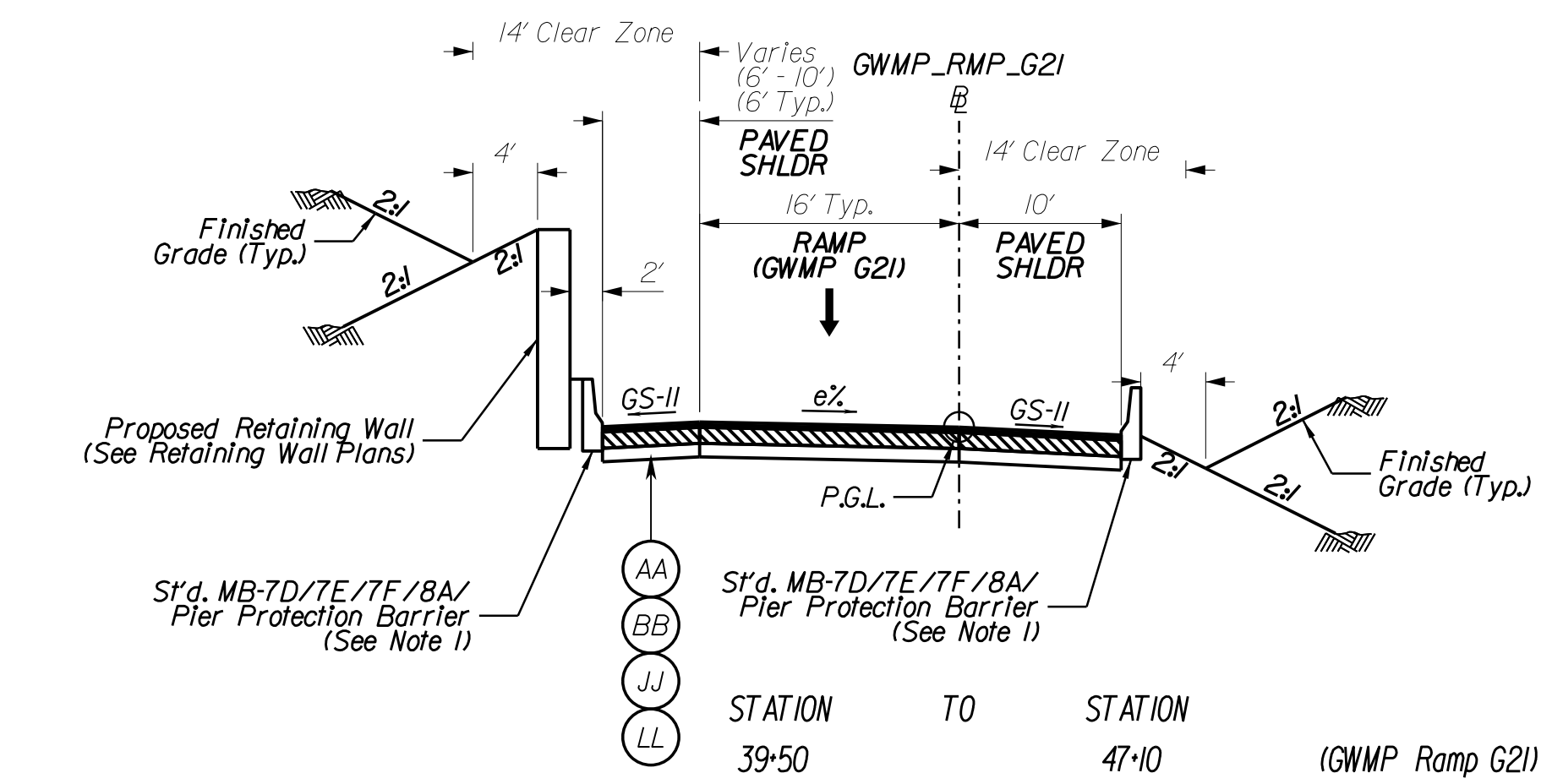
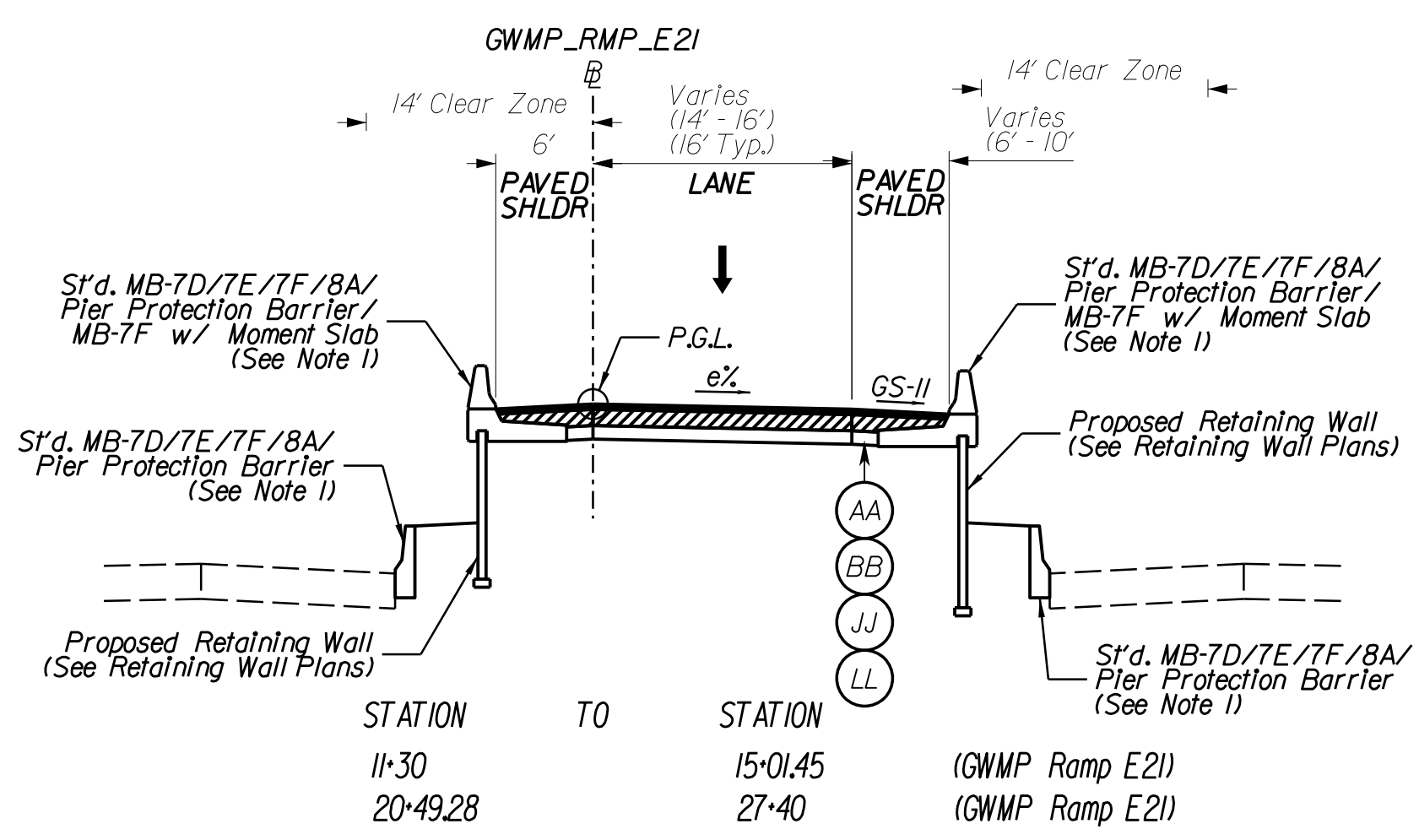
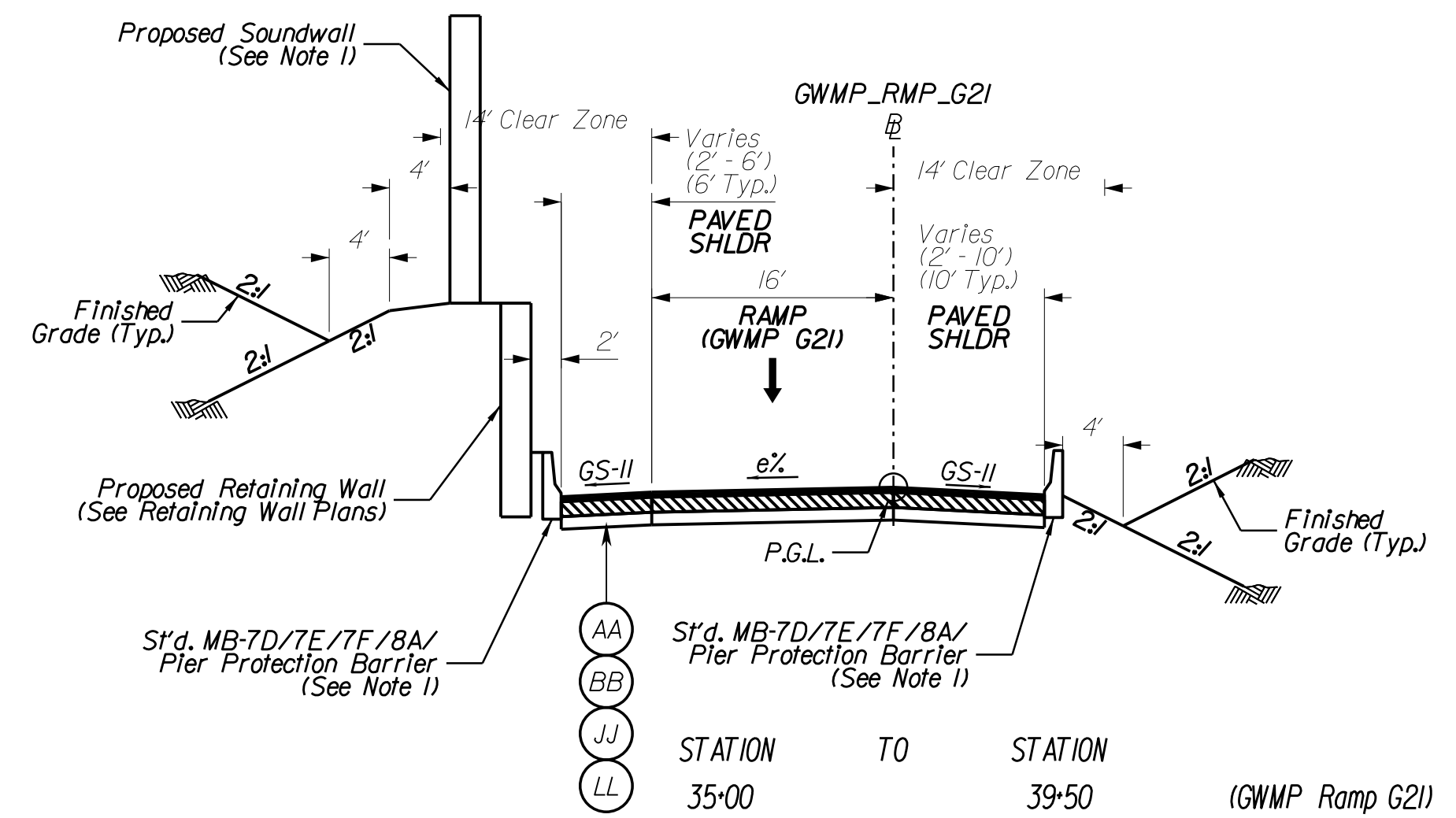
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Legend

- (AA) Asphalt Concrete Surface Course, Type SM-9.5D - 1.5 Inch Depth
- (BB) Asphalt Concrete Intermediate Course, Type IM-19.0D - 2 Inch Depth
- (CC) Asphalt Concrete Base Course, Type BM-25.0A - 3 Inch Depth
- (DD) Aggregate Base Material, Type I, Size No. 21B - 6 Inch Depth
- (EE) Asphalt Concrete Base Course, Type BM-25.0D - 12 Inch Depth
- (FF) Cement Stabilized Aggregate Base Material, Type I, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 6 Inch Depth
- (GG) Asphalt Concrete Surface Course, Type SM-9.5A - 1.5 Inch Depth
- (HH) Asphalt Concrete Intermediate Course, Type IM-19.0A - 2 Inch Depth
- (II) Aggregate Base Material, Type I, Size No. 21B - 14 Inch Depth
- (JJ) Asphalt Concrete Base Course, Type BM-25.0A - 6.5 Inch Depth
- (KK) Asphalt Concrete Base Course, Type BM-25.0A - 8.5 Inch Depth
- (LL) Aggregate Base Material, Type I, Size No. 21B - 12 Inch Depth

NOTES:

1. See Conceptual Roadway Plan Sheets for Limits.
2. See Conceptual Signing, Pavement Marking, and Lighting Plans for Limits.



PUBLIC HEARING PLANS
DATE: 02/21/2020

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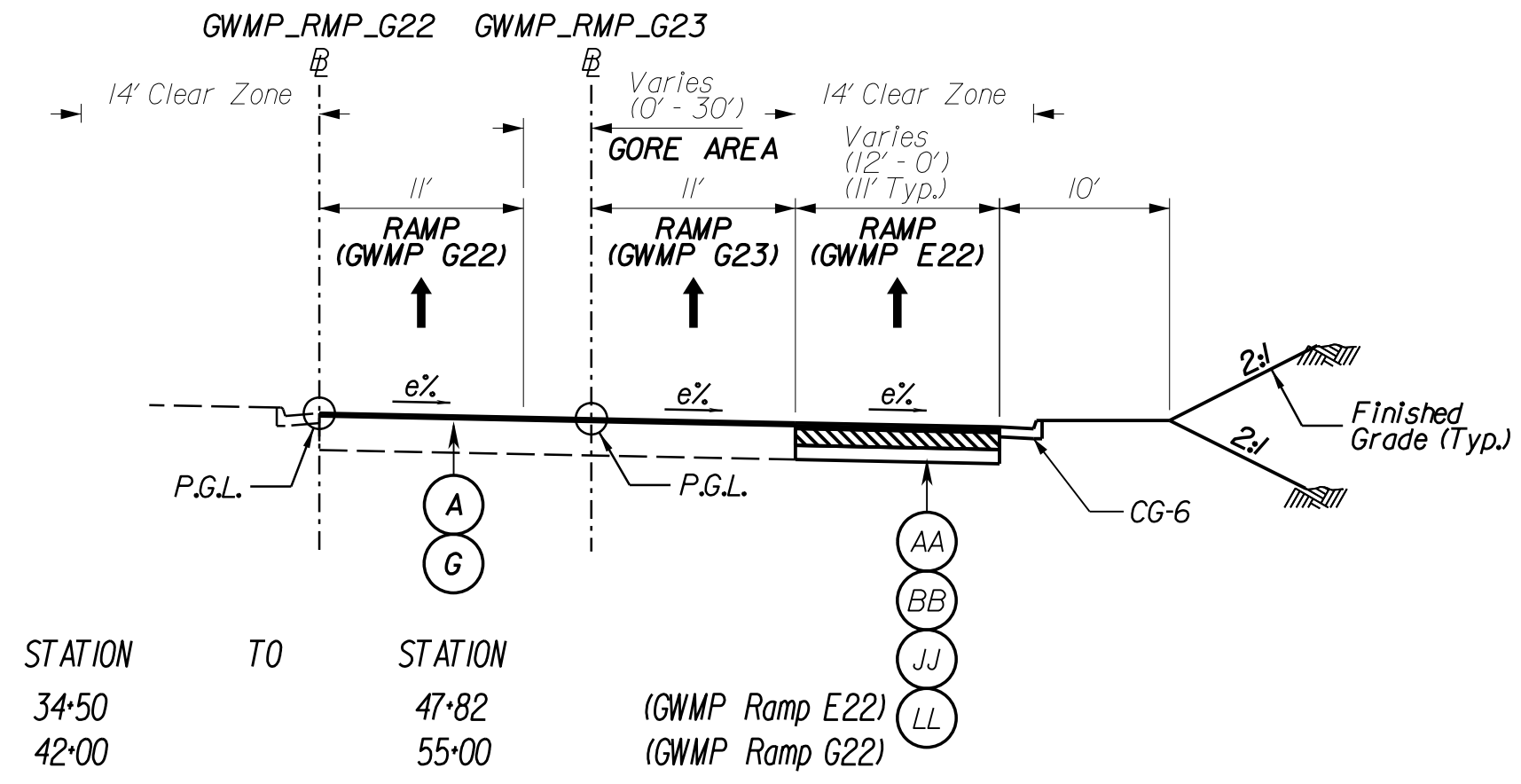
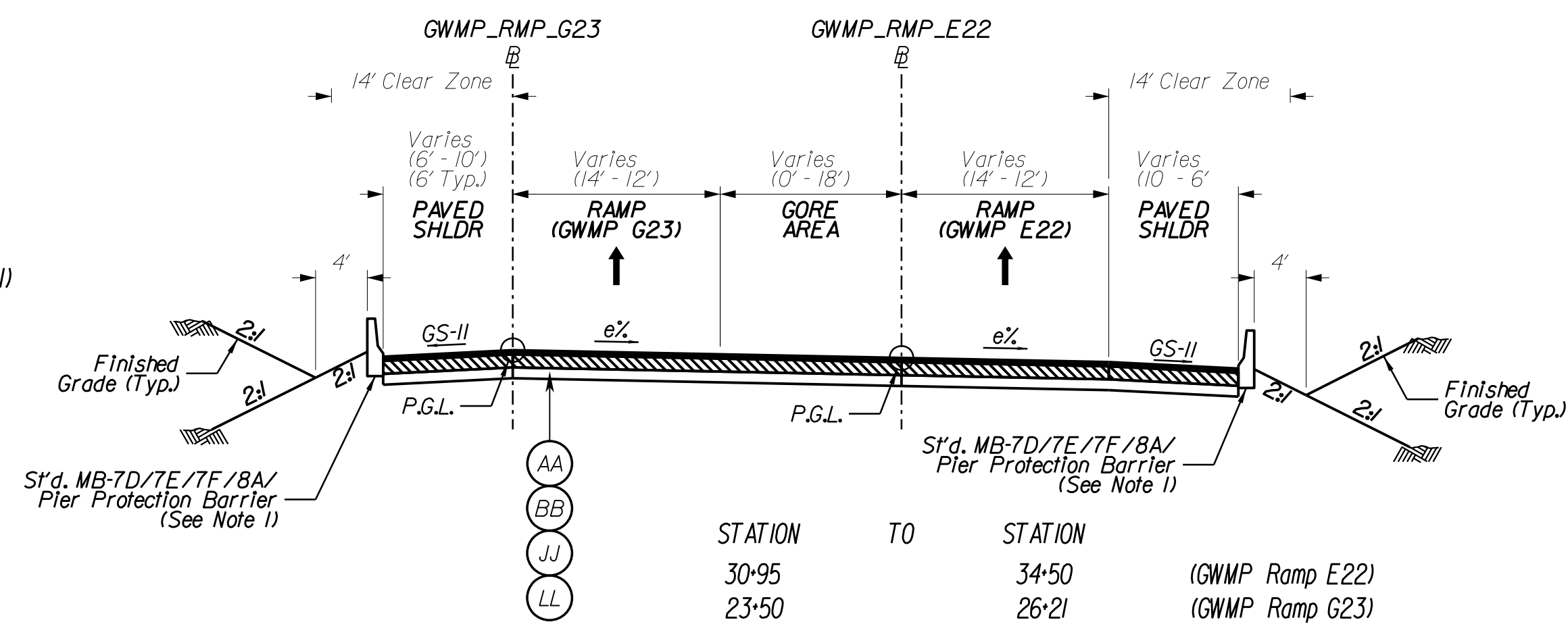
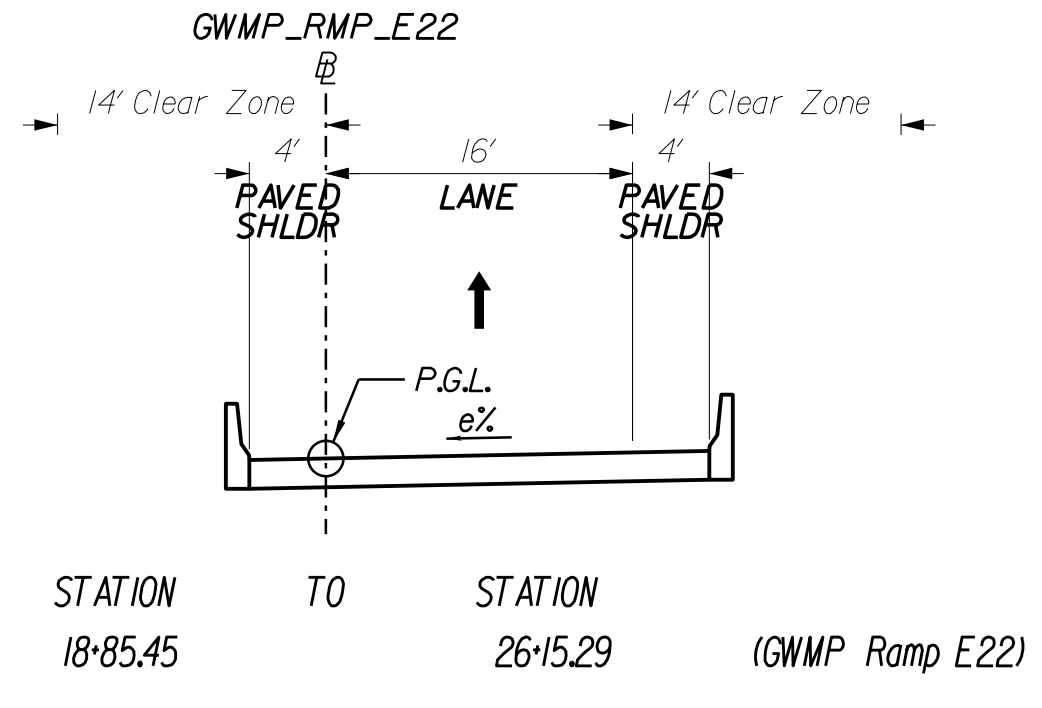
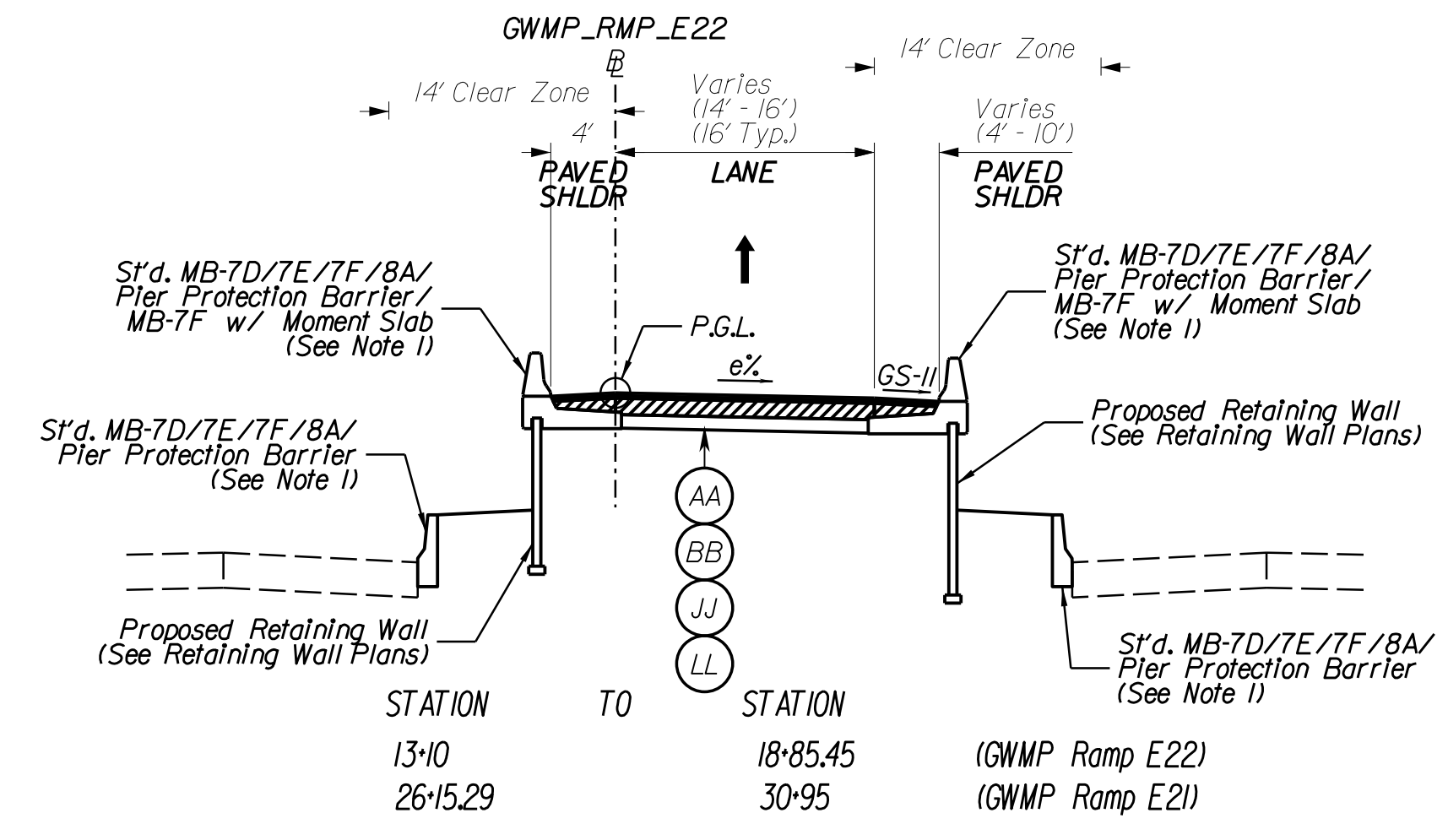
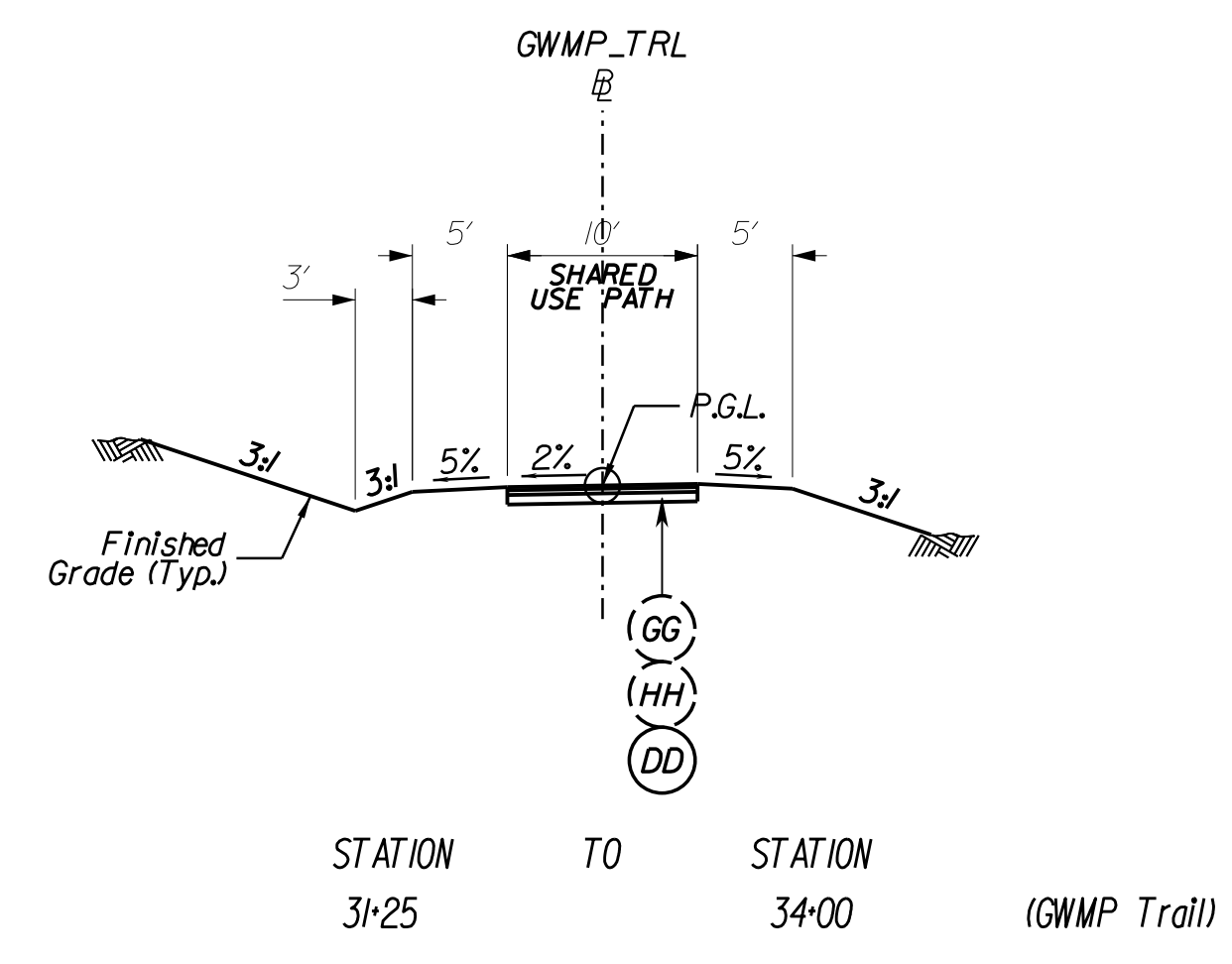
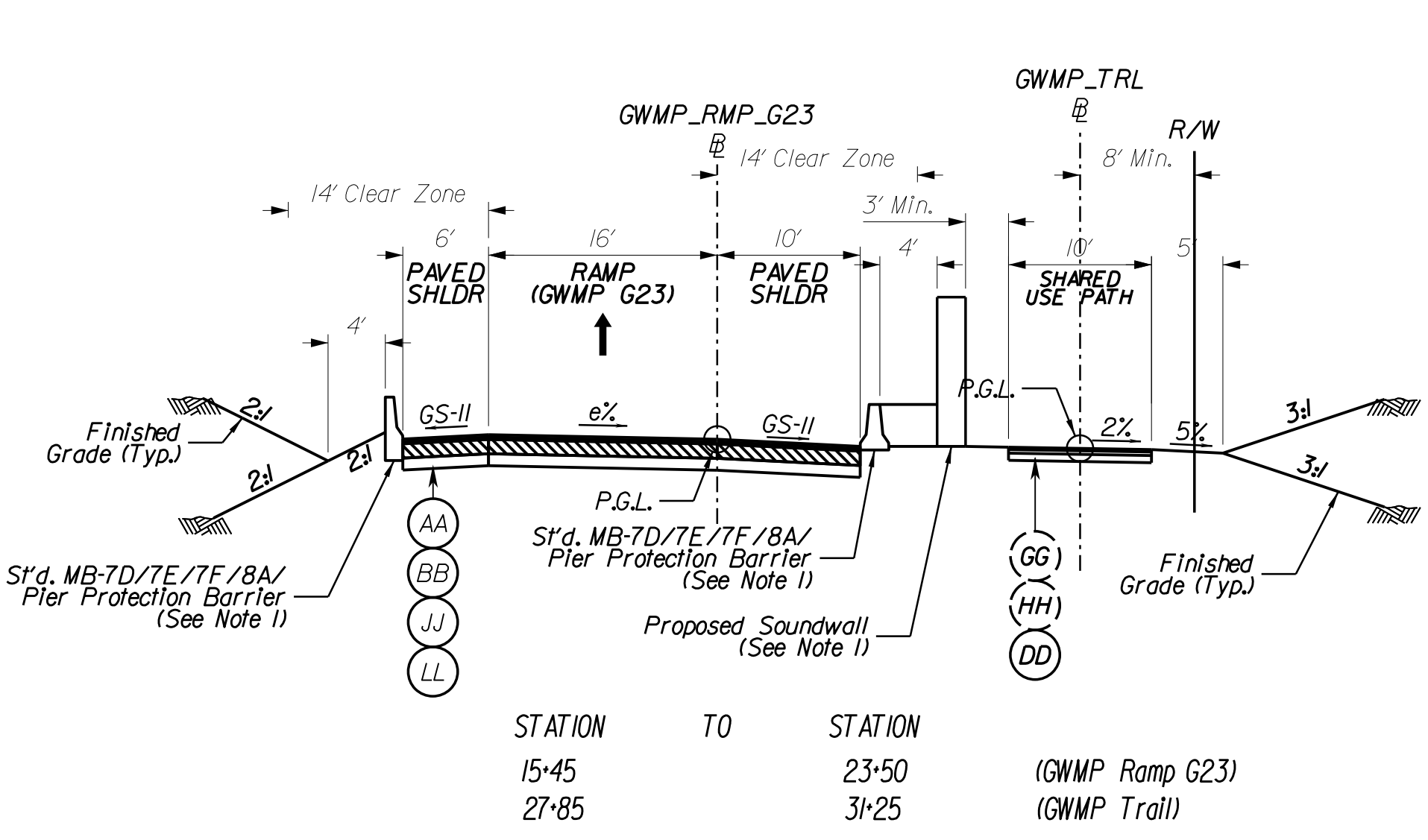
PROJECT	SHEET NO.
0495-029-419	2A(15)

PROJECT MANAGER Capital Railway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	2A(16)

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



- Legend**
- (A) Asphalt Concrete Surface Course, Type SMA-9.5 (64E-22) - 1.5 Inch Depth
 - (B) Asphalt Concrete Intermediate Course, Type SMA-12.5 (64E-22) - 2 Inch Depth
 - (C) Asphalt Concrete Base Course, Type BM-25.0D - 11 Inch Depth
 - (D) Asphalt Concrete Base Course, Type BM-25.0D - 12.5 Inch Depth
 - (E) Aggregate Base Material, Type I, 2/B - 10 Inch Depth
 - (F) Cement Stabilized Aggregate Base Material, Type I, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 9 Inch Depth
 - (G) 2" Flexible Pavement Planing, Variable Depth Wedge and Leveling Course Type SMA-12.5 (64E-22)
 - (AA) Asphalt Concrete Surface Course, Type SM-9.5D - 1.5 Inch Depth
 - (BB) Asphalt Concrete Intermediate Course, Type IM-19.0D - 2 Inch Depth
 - (CC) Asphalt Concrete Base Course, Type BM-25.0A - 3 Inch Depth
 - (DD) Aggregate Base Material, Type I, Size No. 21B - 6 Inch Depth
 - (EE) Asphalt Concrete Base Course, Type BM-25.0D - 12 Inch Depth
 - (FF) Cement Stabilized Aggregate Base Material, Type I, Size No. 21B Stabilized With 4% Hydraulic Cement By Weight - 6 Inch Depth
 - (GG) Asphalt Concrete Surface Course, Type SM-9.5A - 1.5 Inch Depth
 - (HH) Asphalt Concrete Intermediate Course, Type IM-19.0A - 2 Inch Depth
 - (II) Aggregate Base Material, Type I, Size No. 21B - 14 Inch Depth
 - (JJ) Asphalt Concrete Base Course, Type BM-25.0A - 6.5 Inch Depth
 - (KK) Asphalt Concrete Base Course, Type BM-25.0A - 8.5 Inch Depth
 - (LL) Aggregate Base Material, Type I, Size No. 21B - 12 Inch Depth

- NOTES:**
1. See Conceptual Roadway Plan Sheets for Limits.
 2. See Conceptual Signing, Pavement Marking, and Lighting Plans for Limits.

PUBLIC HEARING PLANS
DATE: 02/21/2020

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PROJECT 0495-029-419	SHEET NO. 2A(16)
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bica Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DRAINAGE STRUCTURE DESCRIPTION SHEET

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	2B(1)

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

NOTE:
1. MANUFACTURED TREATMENT DEVICE (FILTERING)

STRUCTURE NO.	VDOT STRUCTURE TYPE	LENGTH (FT)	REMARKS
3-01	DI-7		
3-02	DI-10	10	
3-03	MH-1 OR MH-2		
3-11	MH-1 OR MH-2		
3-12	DI-5		
3-13	DI-10	10	
3-14	MH-1 OR MH-2		
3-21	MH-1 OR MH-2		
3-22	EW-1		
3-31	DI-5		
3-32	MH-1 OR MH-2		
3-33	MH-1 OR MH-2		
3-34	MH-1 OR MH-2		
3-35	MH-1 OR MH-2		
4-01	DI-13, TYPE II	20	
4-02	ES-1		
4-03	ES-1		
4-04	ES-1		
4-11	DI-7		OUTFALL STRUCTURE FROM SWM DTR-B
4-12	JB-1		
4-13	JB-1		
4-14	EW-2		
4-15	JB-1		
4-21	DI-13, TYPE II	20	
4-22	DI-13, TYPE II	20	
4-23	ES-1		
5-01	DI-10H	10	
5-02	DI-10H	10	
5-03	EW-1		
5-04	DI-7		OUTFALL STRUCTURE FROM SWM-1A
5-05	DI-7		
5-11	DI-10H	10	
5-12	DI-10H	10	
5-13	DI-10H	10	
5-14	DI-10H	10	
5-15	DI-10H	10	
5-16	MH-1 OR MH-2		
5-17	DI-7		
5-18	MH-1 OR MH-2		
5-19	MH-1 OR MH-2		
5-20	DI-10H	10	
5-21	DI-10H	10	
5-22	EW-7		
5-23	MTD		*SEE NOTE 1
5-25	DI-10H	10	
5-41	DI-10H	10	
5-42	DI-10H	10	
5-51	DI-10K	10	
5-61	DI-7		OUTFALL STRUCTURE FROM SWM-1B
5-62	ES-1		
6-01	EW-2		
6-02	DI-5		
6-11	EW-2		
6-12	DI-5		
6-21	DI-5		
6-22	MH-1 OR MH-2		
6-23	ES-1		
6-31	DI-5		
6-32	MH-1 OR MH-2		
6-41	DI-10H	10	
6-42	DI-10H	10	
6-52	DI-10H	10	
6-53	MTD		*SEE NOTE 1
6-54	DI-10H	10	
6-55	DI-10H		
6-61	DI-10H		
6-62	DI-10H	10	
6-72	DI-10H	10	
6-73	EW-1		
6-83	EW-1		
6-100	DI-10H	10	
6-101	DI-10H	10	
6-102	DI-10H	10	
7-01	DI-5		

STRUCTURE NO.	VDOT STRUCTURE TYPE	LENGTH (FT)	REMARKS
7-02	JB-1		
7-03	JB-1		
7-04	MH-1 OR MH-2		
7-05	DI-10H	10	
7-06	DI-10H	10	
7-07	MTD		*SEE NOTE 1
7-08	DI-5		
7-11	DI-10H	10	
7-12	JB-1		
7-13	JB-1		
7-14	DI-10H	10	
7-15	MTD		*SEE NOTE 1
7-16	MTD		*SEE NOTE 1
7-21	EW-7		
7-22	JB-1		
7-23	EW-7		
7-31	DI-10H	10	
7-32	DI-10H	10	
7-33	DI-10H	10	
7-42	DI-10H	10	
7-43	DI-10H	10	
7-51	DI-5		
7-52	DI-5		
7-53	MH-1 OR MH-2		
7-54	ES-1		
7-55	DI-10H	10	
7-56	DI-10H	10	
7-57	DI-10H	10	
7-61	DI-10H	10	
7-71	DI-7		OUTFALL STRUCTURE FROM SWM-5G
7-72	MH-1 OR MH-2		
7-81	MH-1 OR MH-2		
7-82	DI-5		
8-01	DI-10H	10	
8-02	MTD		*SEE NOTE 1
8-03	EW-2		
8-04	DI-7		OUTFALL STRUCTURE FROM SWM-5H
8-05	ES-1		
8-06	DI-10H	10	
8-11	MH-1 OR MH-2		
8-12	DI-5		
8-13	MTD		*SEE NOTE 1
8-14	EW-2		
8-15	EW-2		
8-16	EW-2		
8-21	DI-10H	10	
8-22	DI-10H	10	
8-41	DI-10H	10	
8-42	DI-10H	10	
8-43	DI-10H	10	
8-51	DI-10H	10	
8-52	DI-10H	10	
8-53	DI-10I	10	
8-54	EW-1		
8-55	MTD		*SEE NOTE 1
8-56	MTD		*SEE NOTE 1
8-62	DI-3B	10	
8-63	ES-1		
8-64	DI-3C	10	
8-65	DI-3B	10	
8-66	DI-7		OUTFALL STRUCTURE FROM SWM-5J
8-67	MH-1 OR MH-2		
8-68	EW-1		
8-70	DI-3C	10	
8-71	DI-3B	10	
8-72	DI-5		
8-73	MH-1 OR MH-2		
8-74	MH-1 OR MH-2		
8-75	DI-10H	10	
8-76	EW-1		
8-81	DI-7		OUTFALL STRUCTURE FROM SWM-5K
8-82	EW-1		
8-91	DI-7		OUTFALL STRUCTURE FROM SWM-5F
8-92	EW-1		

STRUCTURE NO.	VDOT STRUCTURE TYPE	LENGTH (FT)	REMARKS
8-101	DI-10H	10	
8-102	ES-1		
8-111	DI-10H	10	
8-112	DI-10H	10	
8-113	DI-10H	10	
8-114	DI-10H	10	
8-115	DI-10H	10	
8-116	DI-10H	10	
8-117	MH-1 OR MH-2		
8-121	DI-10H	10	
8-122	MTD		*SEE NOTE 1
8-131	EW-2		
8-132	JB-1		
8-133	EW-2		
8-134	DI-7		OUTFALL STRUCTURE FROM SWM-6E
8-135	JB-1		0
8-136	DI-10H	10	
8-141	DI-3B	10	
8-142	DI-3B	10	
8-143	ES-1		
8-152	MH-1 OR MH-2		
8-153	ES-1		
9-01	DI-10H	10	
9-02	DI-10H	10	
9-03	MH-1 OR MH-2		
9-04	MTD		*SEE NOTE 1
9-05	EW-1		
9-10	DI-5		
9-11	DI-10H	10	
9-12	DI-10K	10	
9-13	DI-10H	10	
9-14	MTD		*SEE NOTE 1
9-15	JB-1		
9-16	DI-7		OUTFALL STRUCTURE FROM SWM-7A
9-17	DI-1		
9-18	ES-1		
9-19	JB-1		
9-20	DI-10H	10	
9-21	JB-1		
9-22	JB-1		
9-23	JB-1		
9-24	MH-1 OR MH-2		
9-28	DI-10H	10	
9-29	MTD		*SEE NOTE 1
9-31	DI-10H	10	
9-32	MTD		*SEE NOTE 1
9-33	EW-2		
9-62	DI-10H	10	
10-02	DI-10H	10	
10-11	EW-1		
10-12	MH-1 OR MH-2		
10-31	DI-10H	10	
10-32	DI-10H	10	
10-33	MH-1 OR MH-2		
10-41	MH-1 OR MH-2		
10-42	MH-1 OR MH-2		
10-43	DI-10H	10	
10-44	MTD		*SEE NOTE 1
10-45	MH-1 OR MH-2		
10-46	DI-10H	10	
10-47	MTD		*SEE NOTE 1
10-48	MH-1 OR MH-2		
10-51	DI-10H	10	
10-52	DI-10I	10	
10-53	DI-10H	10	
10-54	DI-10H	10	
10-61	DI-10H	10	
10-62	DI-10H	10	
10-63	MH-1 OR MH-2		
10-64	DI-10H	10	
10-65	MH-1 OR MH-2		
10-66	DI-10H	10	
10-92	MH-1 OR MH-2		
10-93	DI-10H	10	

PUBLIC HEARING PLANS
DATE: 02/21/2020

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PROJECT	SHEET NO.
0495-029-419	2B(1)

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bica Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DRAINAGE STRUCTURE DESCRIPTION SHEET

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	2B(2)

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

NOTE:
1. MANUFACTURED TREATMENT DEVICE (FILTERING)

STRUCTURE NO.	VDOT STRUCTURE TYPE	LENGTH (FT)	REMARKS
10-94	DI-10H	10	
10-101	DI-5	10	
10-102	MH-1 OR MH-2		
10-103	DI-5		
10-104	MH-1 OR MH-2		
11-01	DI-7		OUTFALL STRUCTURE FROM SWM-12B
11-02	DI-3B		
11-03	DI-3B	10	
11-04	DI-10H	10	
11-05	MH-1 OR MH-2	10	
11-06	DI-5		
11-07	DI-10H		
11-08	DI-10H	10	
11-09	DI-10H	10	
11-10	DI-10H	10	
11-11	DI-7	10	
11-12	DI-10H		
11-13	DI-10H	10	
11-14	DI-5	10	
11-15	MH-1 OR MH-2		
11-16	DI-10H		
11-17	DI-10H	10	
11-18	MTD	10	*SEE NOTE 1
11-19	DI-10H		
11-20	DI-10H	10	
11-21	MH-1 OR MH-2	10	
11-22	DI-3B		
11-23	DI-10H	10	
11-24	EW-1	10	
11-25	MH-1 OR MH-2		
11-26	MH-1 OR MH-2		
11-27	DI-7		OUTFALL STRUCTURE FROM SWM-12F
11-28	MH-1 OR MH-2		
11-29	MH-1 OR MH-2		
11-30	DI-10H		
11-31	DI-5	10	
11-32	MH-1 OR MH-2		
11-33	DI-10H		
11-34	MH-1 OR MH-2	10	
11-35	MTD		*SEE NOTE 1
11-36	DI-10H		
11-37	DI-7	10	
11-38	DI-10H		
11-39	MTD	10	*SEE NOTE 1
11-40	MTD		*SEE NOTE 1
11-41	MH-1 OR MH-2		
11-42	DI-5		
11-43	DI-10I		
11-44	MH-1 OR MH-2	10	
11-45	DI-7		
11-46	DI-10H	10	
11-47	MH-1 OR MH-2		
11-50	DI-10H		
11-51	DI-10H	10	
11-52	DI-10H	10	
11-53	MTD	10	*SEE NOTE 1
11-70	DI-5		
11-71	MH-1 OR MH-2		
11-72	MH-1 OR MH-2		
11-73	MH-1 OR MH-2		
11-74	DI-10H		
11-75	MTD	10	*SEE NOTE 1
11-76	MH-1 OR MH-2		
11-81	DI-10H		
11-82	DI-10H	10	
11-83	ES-1	10	
11-84	DI-7	10	OUTFALL STRUCTURE FROM SWM-9B
11-85	DI-3B		
11-86	DI-3B	10	
12-01	MH-1 OR MH-2		
12-02	DI-10H	10	
12-04	DI-10H	10	
12-05	DI-10H	10	
12-06	MTD		*SEE NOTE 1
12-10	DI-10H		
12-11	MTD		*SEE NOTE 1
12-12	MH-1 OR MH-2		
12-13	DI-10H		
12-14	MTD		*SEE NOTE 1
12-15	DI-10H		

STRUCTURE NO.	VDOT STRUCTURE TYPE	LENGTH (FT)	REMARKS
12-16	MH-1 OR MH-2		
12-17	DI-10H	10	
12-18	MH-1 OR MH-2		
12-19	DI-5		
12-20	DI-5		
12-21	DI-10H	10	
12-22	DI-10H	10	
12-23	DI-10H		
12-24	EX. MH-1		ADJUST MH-1 RIM TO GRADE
12-25	MH-1 OR MH-2		
12-26	MH-1 OR MH-2		
12-31	DI-10H	10	
12-32	DI-10H	10	
12-33	DI-10H	10	
12-43	DI-10H		
12-44	DI-10H	10	
12-45	DI-10K	10	
12-46	EX. MH-1	0	ADJUST MH-1 RIM TO GRADE
13-01	EW-2		
13-02	JB-1		
13-03	DI-10H	10	
13-04	DI-10H	10	
13-05	DI-10H	10	
13-06	JB-1		
13-07	JB-1		0
13-08	MH-1 OR MH-2		
13-09	JB-1		
13-10	JB-1		
13-11	MH-1 OR MH-2		
13-12	JB-1		
13-13	JB-1		
13-14	JB-1		
13-15	DI-10H	10	
13-16	DI-10H	10	
13-17	DI-10I	10	
13-18	JB-1		
13-19	DI-10I	10	
13-20	DI-10H	10	
13-21	DI-10H	10	
13-22	DI-10I	10	
13-23	DI-10I	10	
13-24	DI-10H	10	
13-25	DI-10H	10	
13-26	DI-10H	10	
13-31	DI-10H	10	
13-32	DI-5		
13-33	DI-10H	10	
13-34	DI-10H	10	
13-35	MH-1 OR MH-2		
13-36	EW-1		
13-39	DI-10H	10	
13-40	DI-10H	10	
13-41	DI-5		
13-42	MH-1 OR MH-2		
13-61	DI-10H	10	
13-62	MH-1 OR MH-2		
13-63	MH-1 OR MH-2		
13-66	EW-1		
13-67	EW-2		
13-70	EX. MH-1		ADJUST MH-1 RIM TO GRADE
13-71	EW-1		
13-72	EW-1		
13-73	EW-1		
13-74	EW-1		
14-01	JB-1		
14-14	DI-10H	10	
14-31	JB-1		
14-32	EW-1		
14-33	DI-10H	10	
14-34	DI-10H	10	
14-41	DI-10H	10	
14-42	DI-10H	10	
14-43	DI-10H	10	
14-44	DI-10H	10	
14-45	EW-1		
14-51	DI-10H	10	
14-52	DI-10H	10	
14-53	EW-2		
14-54	DI-7		OUTFALL STRUCTURE FROM SWM-12M
14-61	DI-10H	10	

STRUCTURE NO.	VDOT STRUCTURE TYPE	LENGTH (FT)	REMARKS
15-01	JB-1		
15-02	JB-1		
15-03	JB-1		
15-04	JB-1		
15-05	JB-1		
15-06	JB-1		
15-07	JB-1		
15-08	JB-1		
15-09	JB-1		
15-10	EW-2		
15-11	JB-1		
15-12	JB-1		
15-13	JB-1		
18-01	DI-5		
19-01	DI-5		
19-02	MH-1 OR MH-2		
19-03	DI-3B	10	
19-04	ES-1		
19-10	DI-10I	10	
19-11	MH-1 OR MH-2		
19-12	MH-1 OR MH-2		
19-13	EW-1		
19-14	DI-5		
19-21	DI-7		OUTFALL STRUCTURE FROM SWM DTR-A
19-22	MH-1 OR MH-2		
19-23	EW-1		
20-11	DI-3B	10	
20-12	DI-7		
20-13	EW-1		
21-01	DI-7		OUTFALL STRUCTURE FROM SWM-5B
21-02	DI-8		
21-02	MH-1 OR MH-2		
21-03	DI-7		OUTFALL STRUCTURE FROM SWM-5A
21-12	DI-3C	10	
21-13	DI-3B	10	
21-14	ES-1		
21-20	DI-3B	10	
21-21	DI-3B	10	
21-22	DI-3C	10	
21-23	ES-1		
21-24	DI-7		OUTFALL STRUCTURE FROM SWM-5E
21-25	EW-1		
21-31	DI-7		OUTFALL STRUCTURE FROM SWM-5D
21-32	EW-1		
21-41	DI-3B	10	
21-42	ES-1		
21-43	DI-3B	10	
21-44	DI-3B	10	
22-01	DI-7		OUTFALL STRUCTURE FROM SWM-12C
22-02	DI-3B	10	
22-03	DI-3B	10	
22-04	DI-3B	10	
22-05	MH-1 OR MH-2		
22-11	DI-3B	10	
22-12	EW-1		
23-01	DI-3B	10	
23-02	DI-3B	10	
23-03	EW-1		
23-11	DI-3B	10	
23-12	ES-1		
24-01	JB-1		
24-02	DI-5		
24-03	DI-10H	10	
24-04	DI-10I	10	
24-05	DI-10H	10	
24-06	DI-5		
24-07	EW-2		
24-11	DI-10H	10	
24-12	DI-10I	10	
24-13	DI-10H	10	
24-14	DI-10H	10	
24-15	EW-1		
24-21	JB-1		
24-22	JB-1		
24-23	JB-1		
24-24	JB-1		
24-30	EW-1		
24-31	EW-1		
24-32	EW-1		

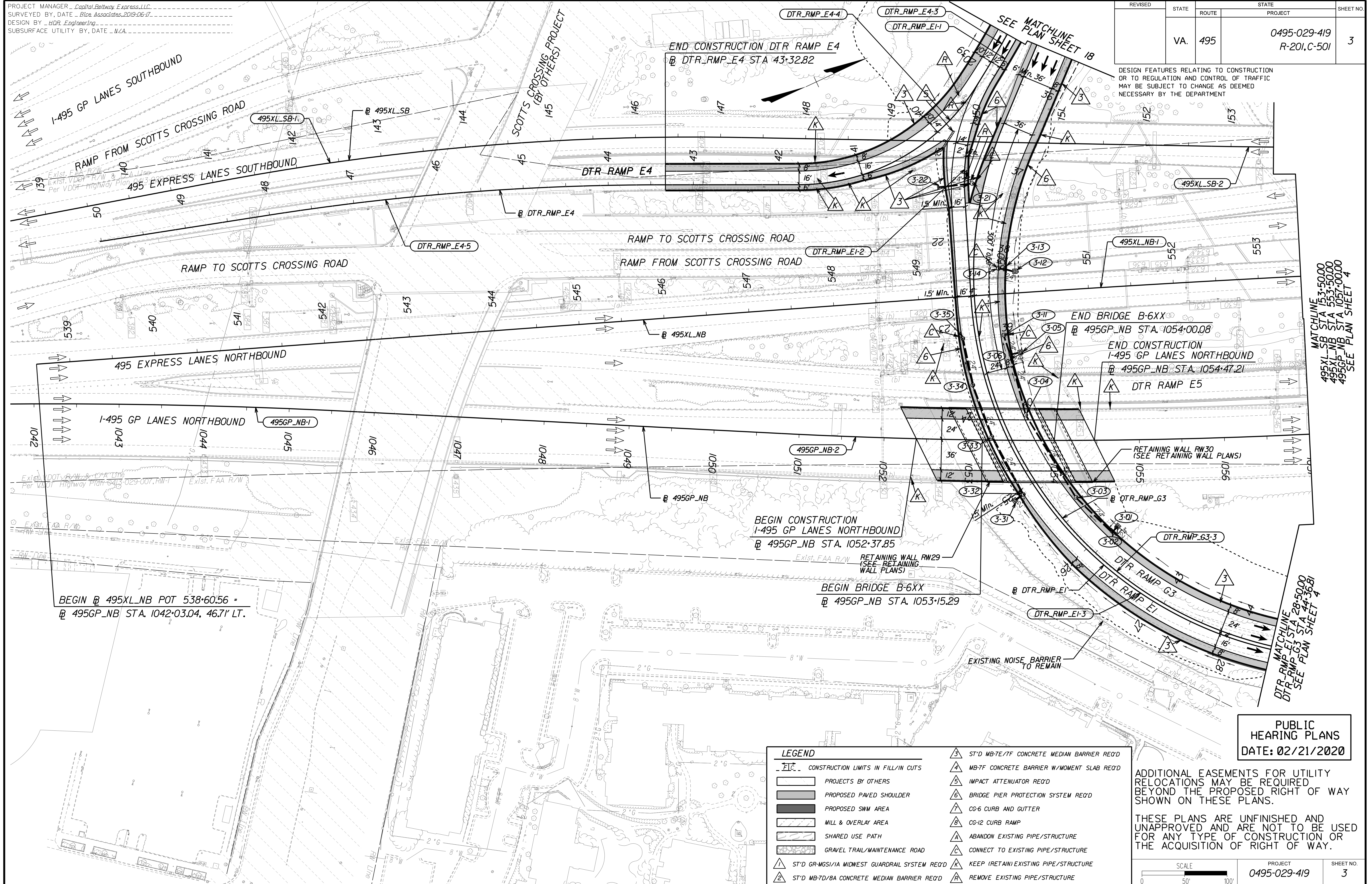
PUBLIC HEARING PLANS
DATE: 02/21/2020

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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	3



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

BEGIN @ 495XL_NB POT 538+60.56 -
@ 495GP_NB STA. 1042+03.04, 46.71' LT.

BEGIN CONSTRUCTION
I-495 GP LANES NORTHBOUND
@ 495GP_NB STA. 1052+37.85

BEGIN BRIDGE B-6XX
@ 495GP_NB STA. 1052+15.29

END BRIDGE B-6XX
@ 495GP_NB STA. 1054+00.08
END CONSTRUCTION
I-495 GP LANES NORTHBOUND
@ 495GP_NB STA. 1054+47.21

END CONSTRUCTION DTR RAMP E4
@ DTR_RMP_E4 STA. 43+32.82

MATCHLINE
495XL_NB STA. 1053+50.00
495XL_NB STA. 1057+00.00
495GP_NB STA. 1057+00.00
SEE PLAN SHEET 4

MATCHLINE
DTR_RMP_E1 STA. 28+50.00
DTR_RMP_G3 STA. 44+36.81
SEE PLAN SHEET 4

LEGEND

	CONSTRUCTION LIMITS IN FILL/IN CUTS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	PROJECTS BY OTHERS		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	PROPOSED PAVED SHOULDER		IMPACT ATTENUATOR REQ'D
	PROPOSED SWM AREA		BRIDGE PIER PROTECTION SYSTEM REQ'D
	MILL & OVERLAY AREA		CG-6 CURB AND GUTTER
	SHARED USE PATH		CG-12 CURB RAMP
	GRAVEL TRAIL/MAINTENANCE ROAD		ABANDON EXISTING PIPE/STRUCTURE
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D		CONNECT TO EXISTING PIPE/STRUCTURE
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D		KEEP (RETAIN) EXISTING PIPE/STRUCTURE
			REMOVE EXISTING PIPE/STRUCTURE

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SCALE 0 50' 100'

PROJECT	SHEET NO.
0495-029-419	3

PUBLIC HEARING PLANS
DATE: 02/21/2020

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

495 EXPRESS LANES NORTHBOUND

PUBLIC HEARING PLANS
DATE: 02/21/2020

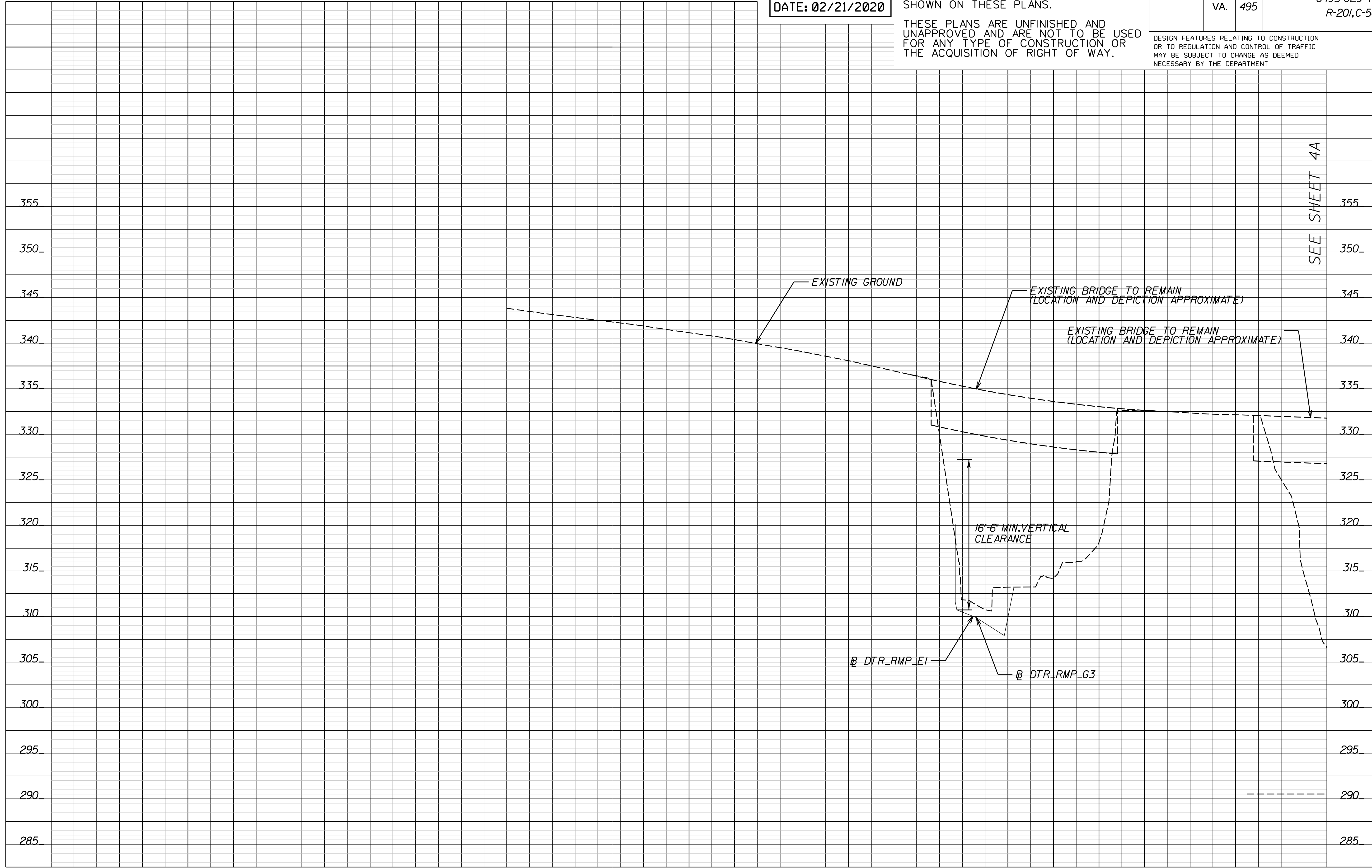
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	3A

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SEE SHEET 4A



540+00.00 541+00.00 542+00.00 543+00.00 544+00.00 545+00.00 546+00.00 547+00.00 548+00.00 549+00.00 550+00.00 551+00.00 552+00.00 553+00.00

PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Rice Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

495 EXPRESS LANES SOUTHBOUND

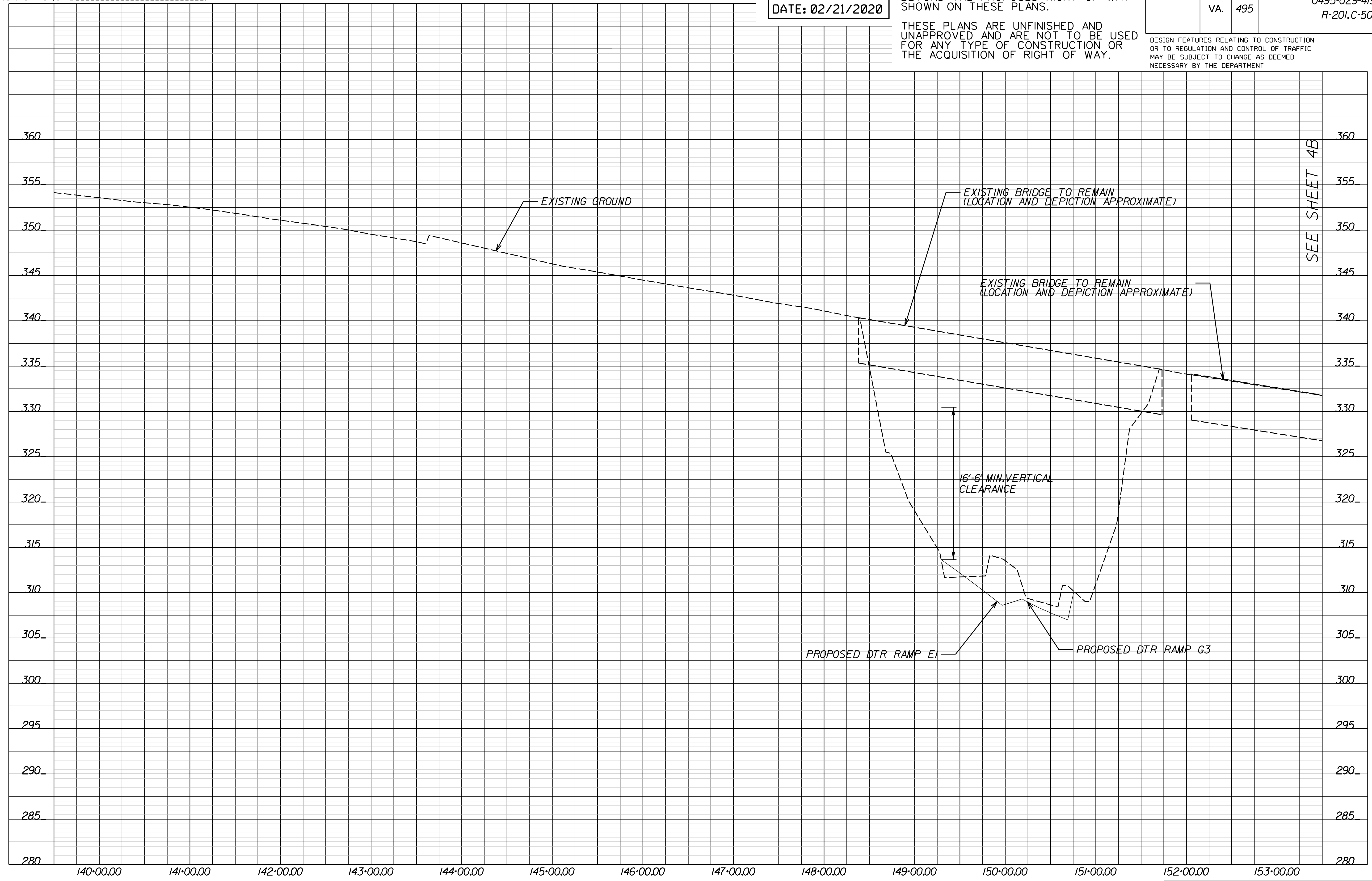
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	3B

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SEE SHEET 4B

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DTR RAMP E1

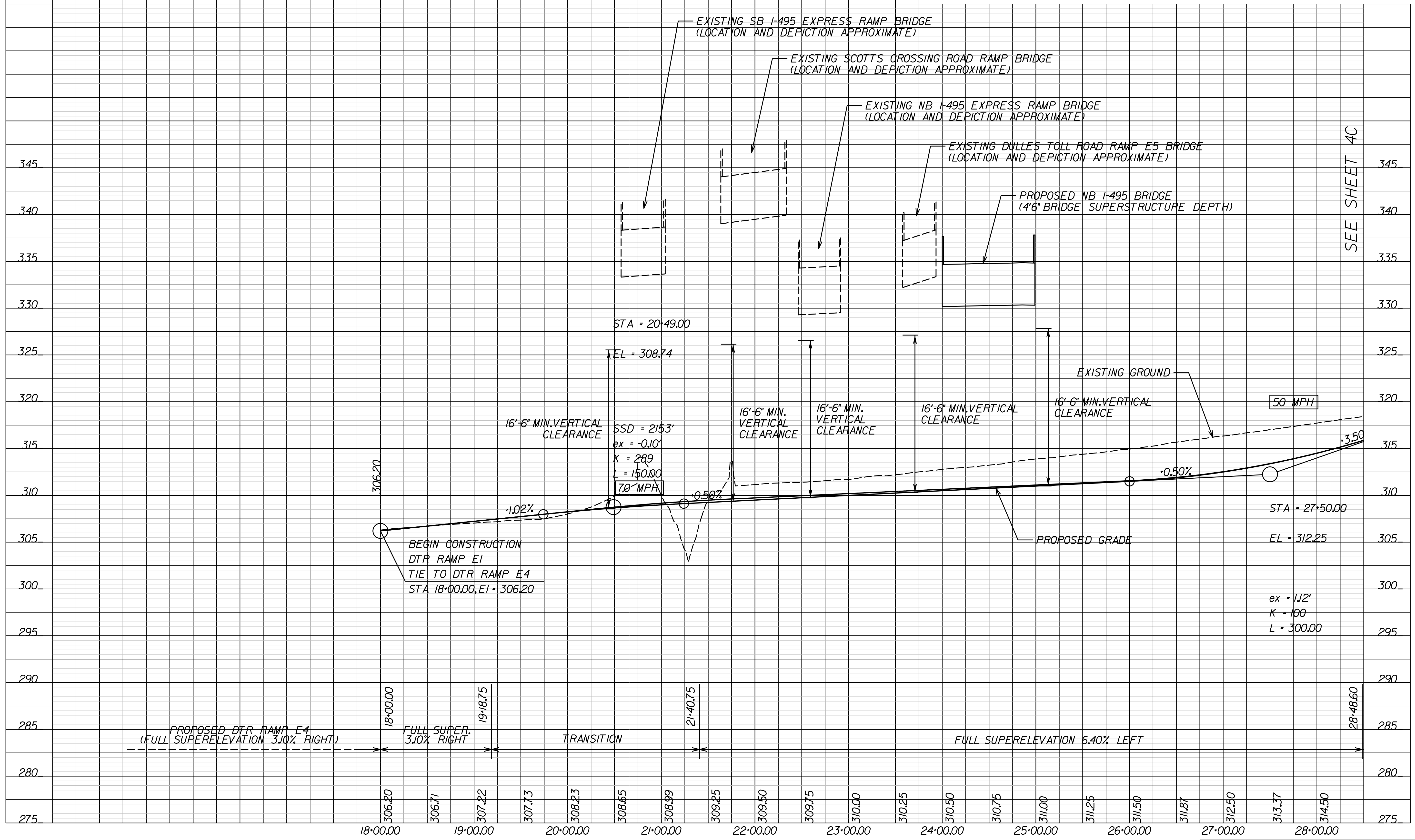
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	3C

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DTR RAMP G3

PUBLIC HEARING PLANS
DATE: 02/21/2020

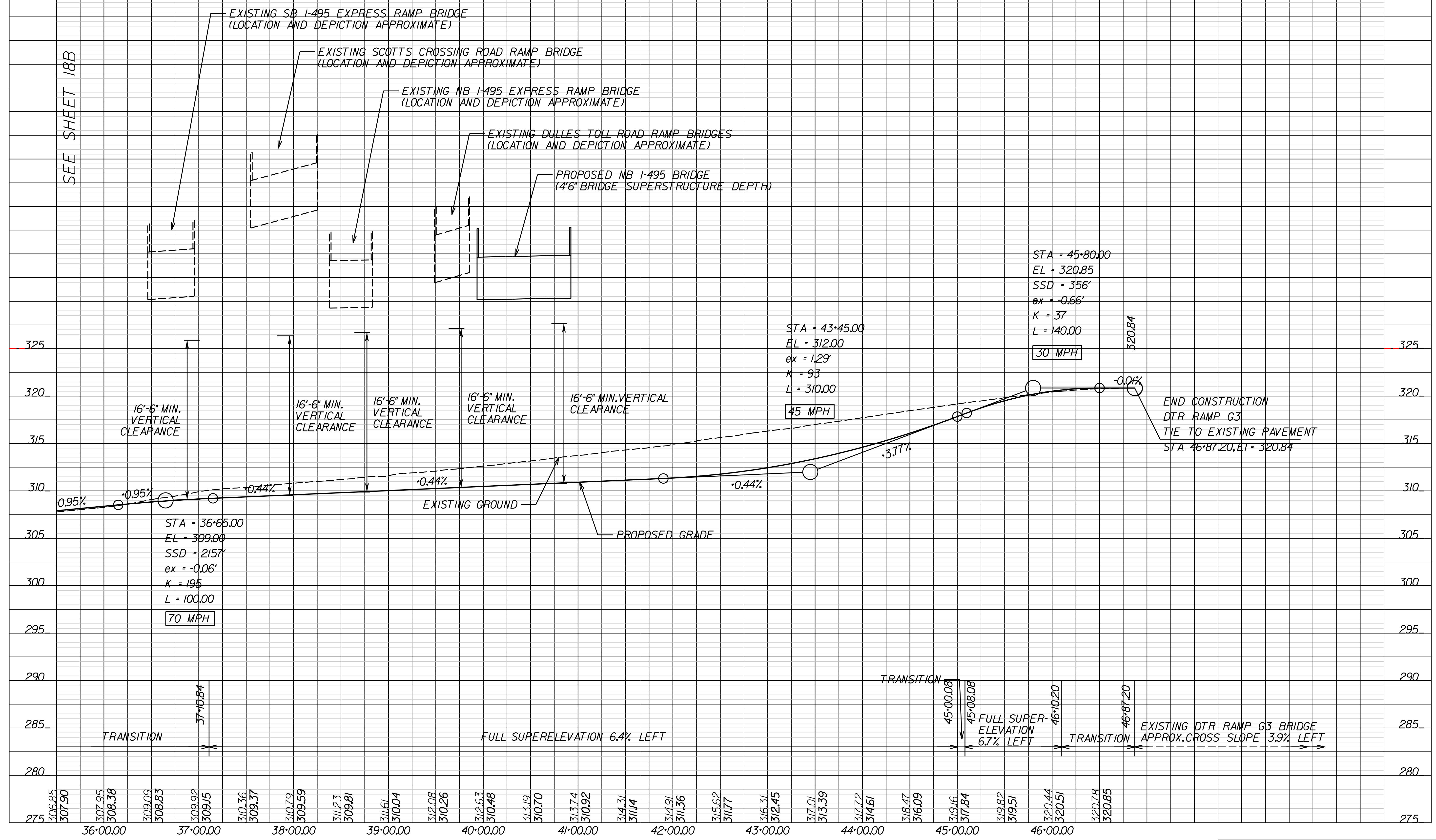
ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	3D

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

SEE SHEET 18B



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

I-495 GP LANES NORTHBOUND

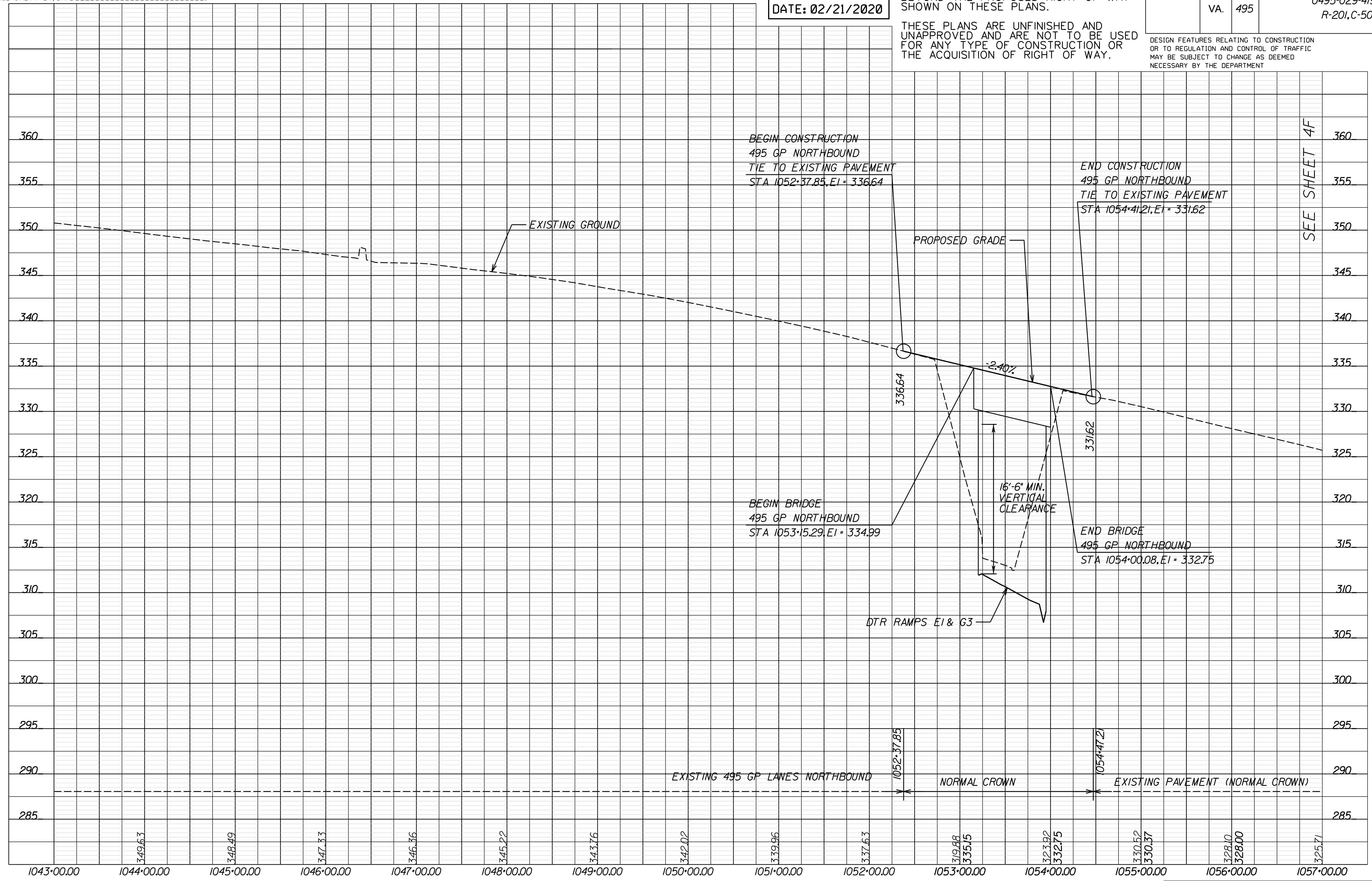
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	3E

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



SEE SHEET 4F

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DTR RAMP E4

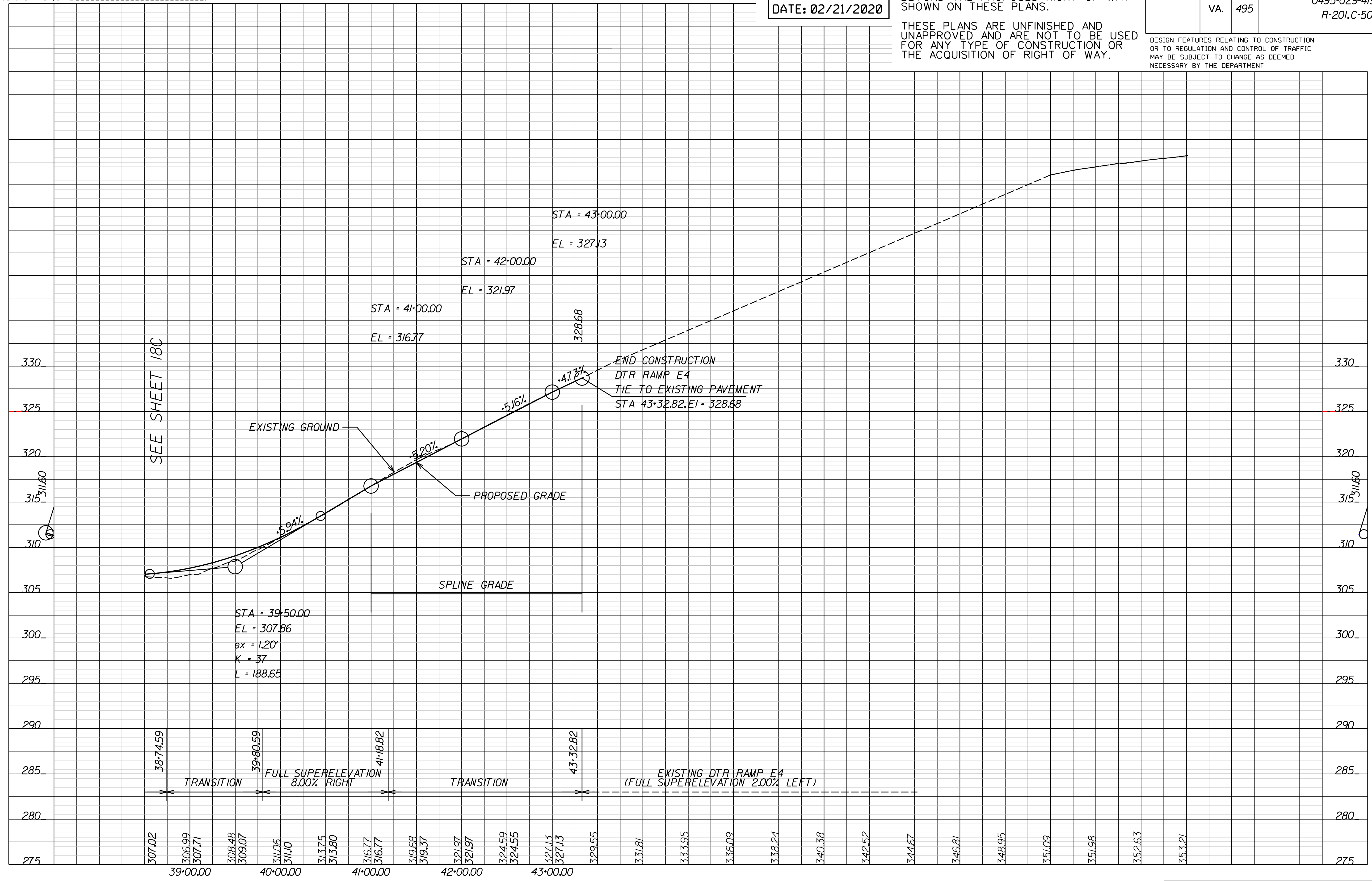
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	3F

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

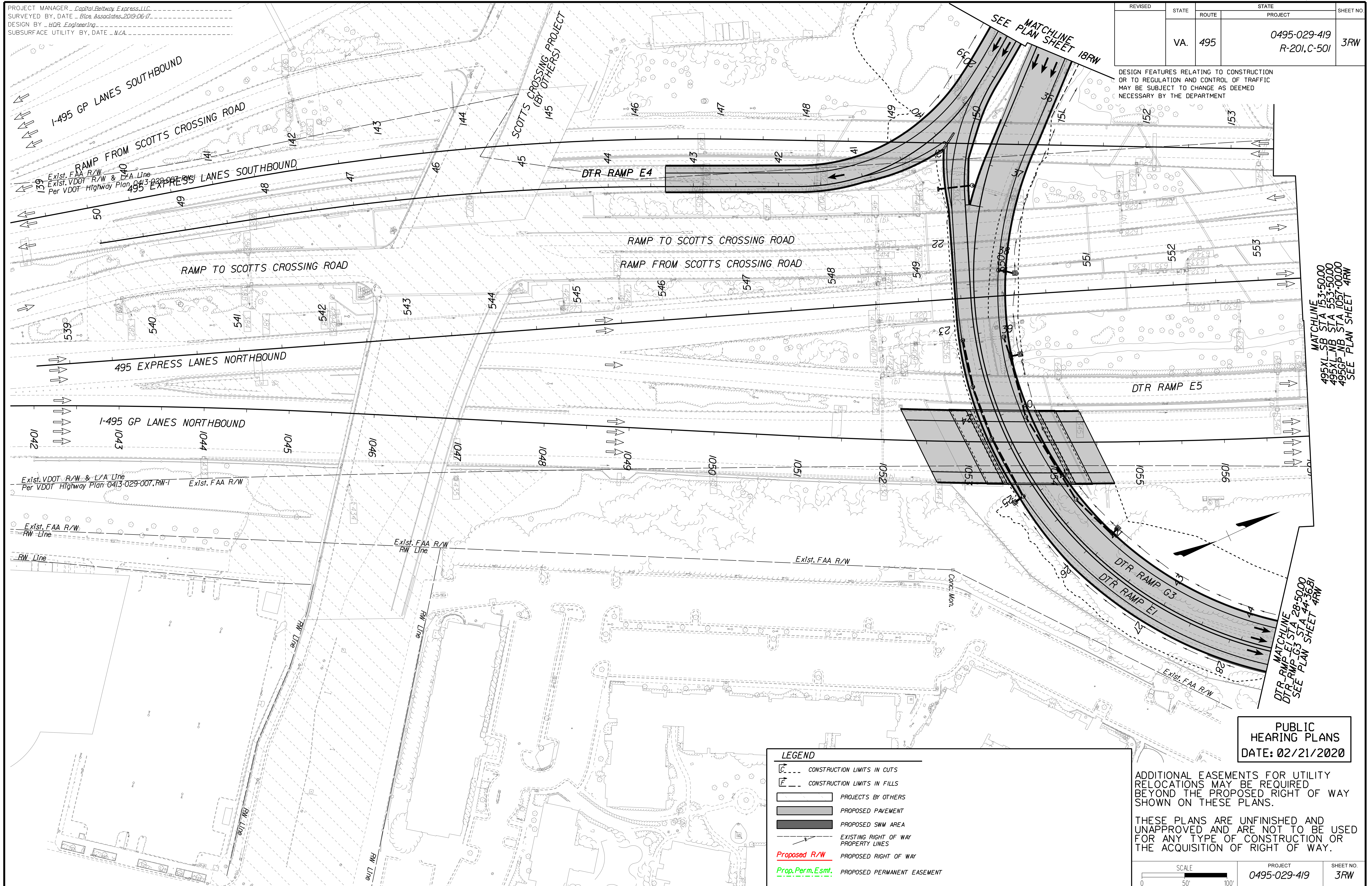


SEE SHEET 18C

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	3RW

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



MATCHLINE
495XL-SB STA 53+50.00
495XL-NB STA 107+00.00
495GP-NB STA 107+00.00
SEE PLAN SHEET 4RW

MATCHLINE
DTR RAMP-E1 STA 28+50.00
DTR RAMP-G3 STA 44+36.81
SEE PLAN SHEET 4RW

LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY PROPERTY LINES
- Proposed R/W PROPOSED RIGHT OF WAY
- Prop. Perm. Esmt. PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

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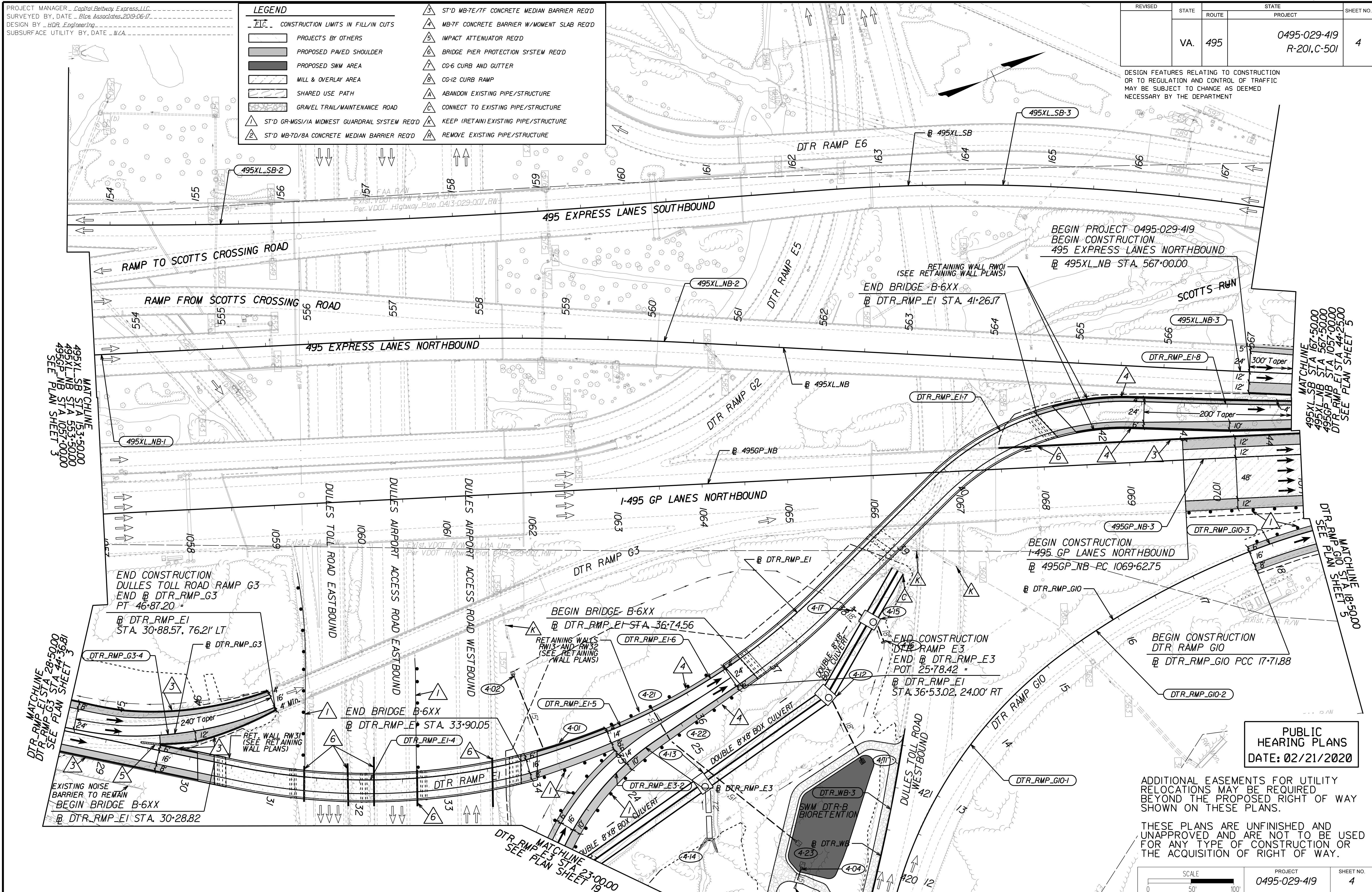
SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 3RW
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

LEGEND	
	CONSTRUCTION LIMITS IN FILL/IN CUTS
	PROJECTS BY OTHERS
	PROPOSED PAVED SHOULDER
	PROPOSED SWM AREA
	MILL & OVERLAY AREA
	SHARED USE PATH
	GRAVEL TRAIL/MAINTENANCE ROAD
	ST'D GR-MSI/IA MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	CG-6 CURB AND GUTTER
	CG-12 CURB RAMP
	ABANDON EXISTING PIPE/STRUCTURE
	CONNECT TO EXISTING PIPE/STRUCTURE
	KEEP (RETAIN) EXISTING PIPE/STRUCTURE
	REMOVE EXISTING PIPE/STRUCTURE

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	4

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



MATCHLINE
495XL-SB STA 153+50.00
495XL-NB STA 553+50.00
495GP-NB STA 1057+00.00
SEE PLAN SHEET 3

MATCHLINE
495XL-SB STA 167+50.00
495XL-NB STA 567+50.00
495GP-NB STA 1057+00.00
DTR_RMP_EI STA 41+25.00
SEE PLAN SHEET 5

MATCHLINE
DTR_RMP_GIO STA 18+50.00
SEE PLAN SHEET 5

MATCHLINE
DTR_RMP_EI STA 28+50.00
DTR_RMP_G3 STA 44+36.81
SEE PLAN SHEET 3

MATCHLINE
DTR_RMP_E3 STA 23+00.00
SEE PLAN SHEET 19

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Rice Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

495 EXPRESS LANES NORTHBOUND

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	4A

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



PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

495 EXPRESS LANES SOUTHBOUND

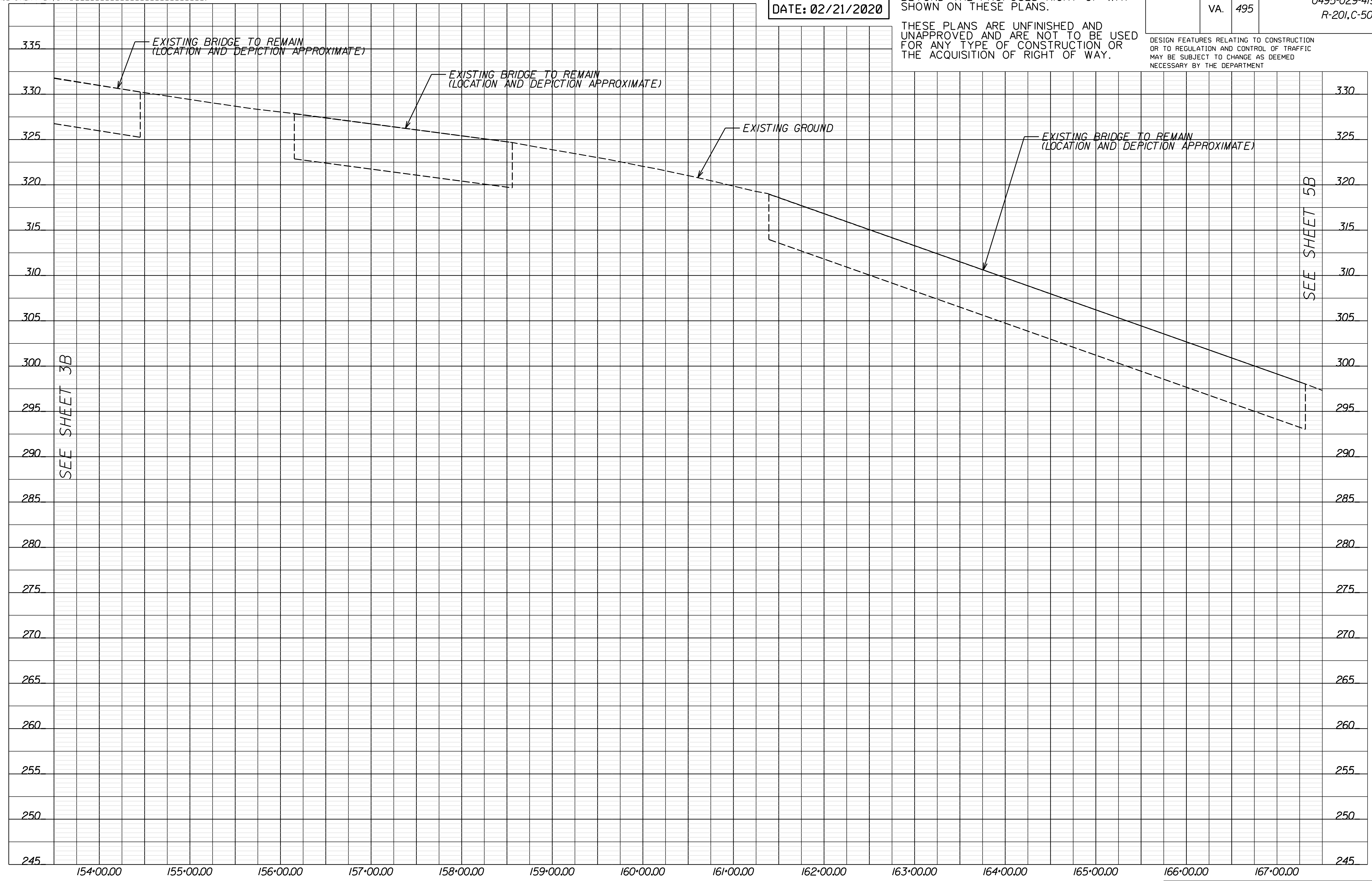
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	4B

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DTR RAMP EI

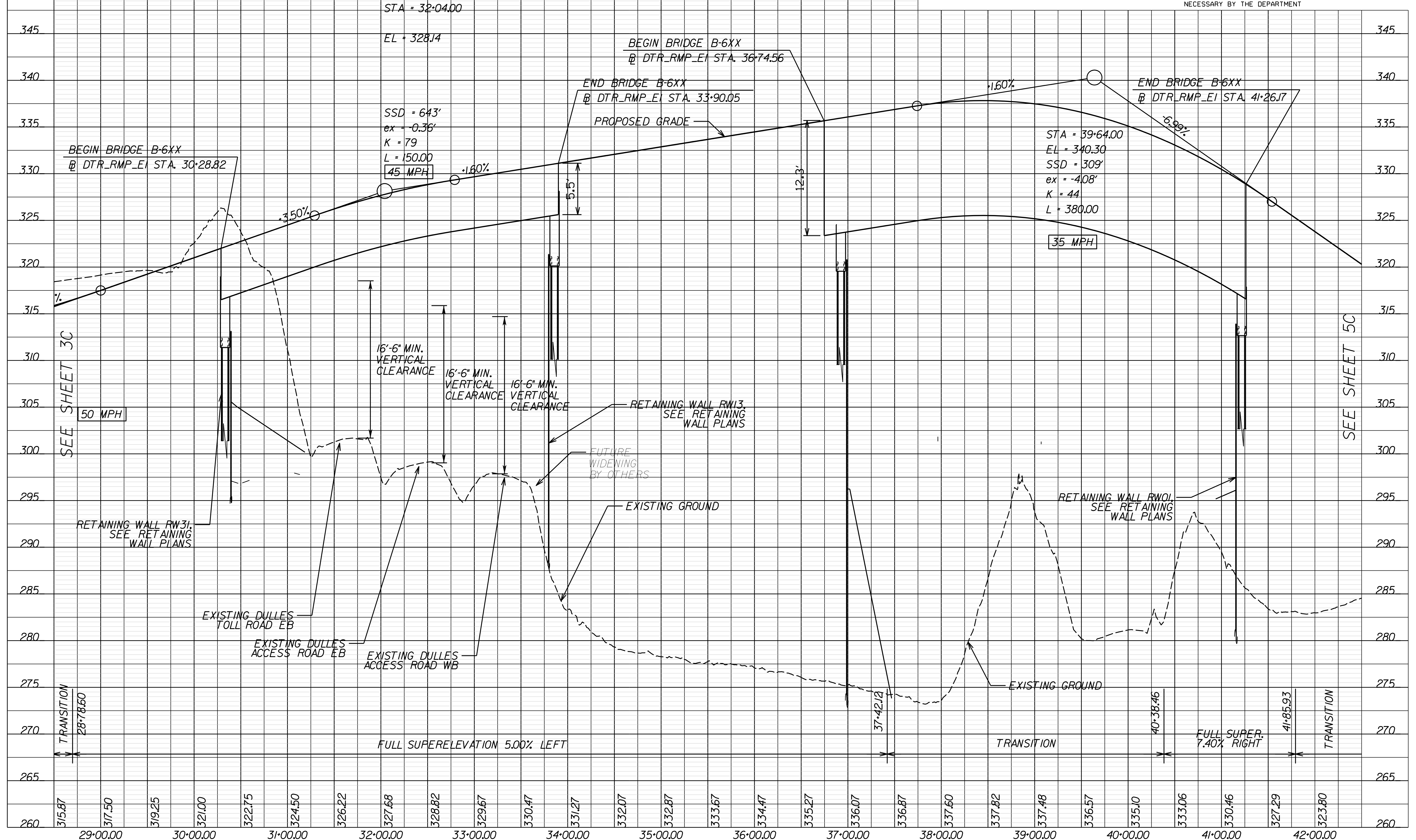
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	4C

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



SEE SHEET 3C

SEE SHEET 5C

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DTR RAMP E3

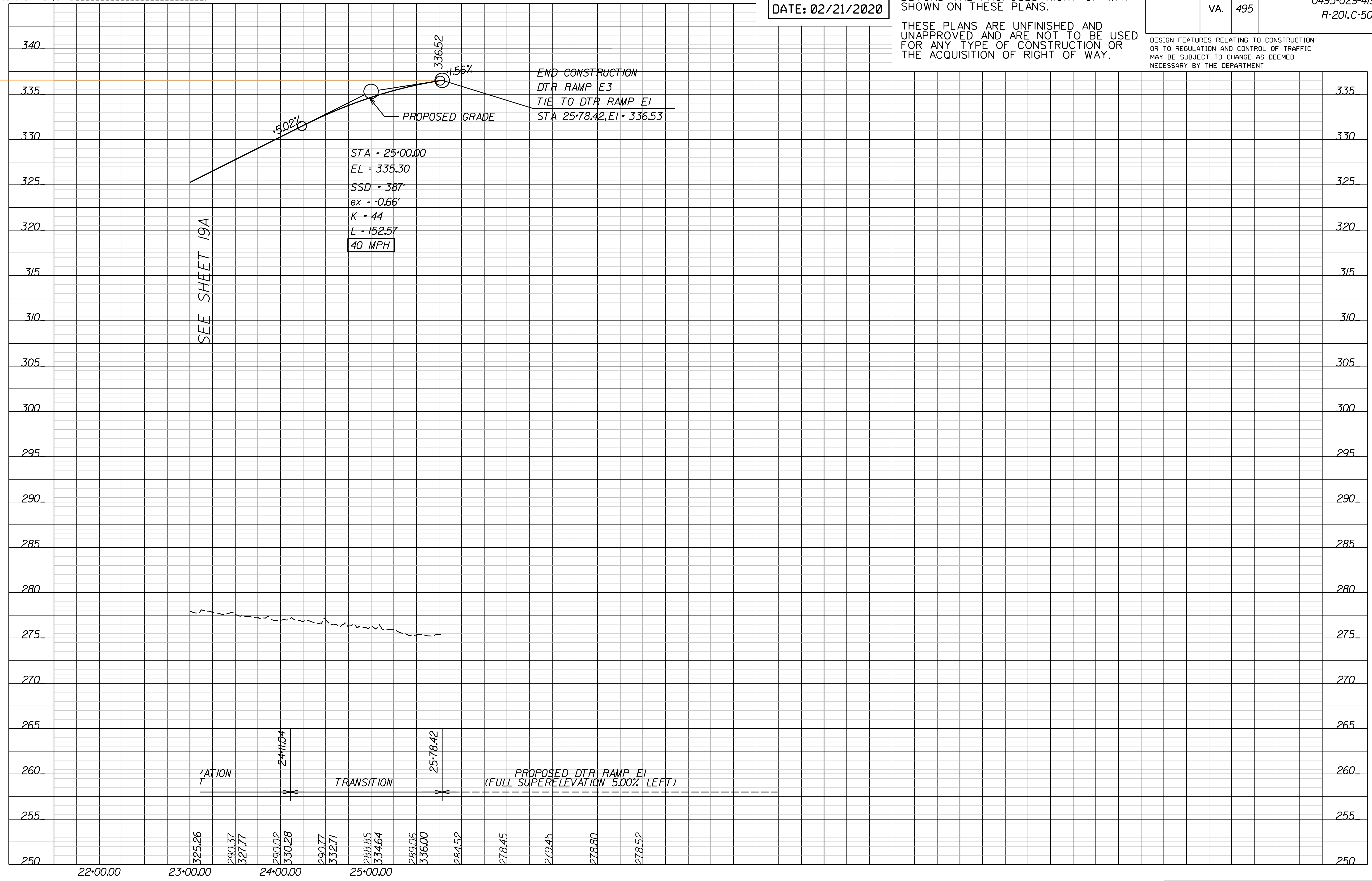
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	4D

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



PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Rice Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

DTR RAMP GIO

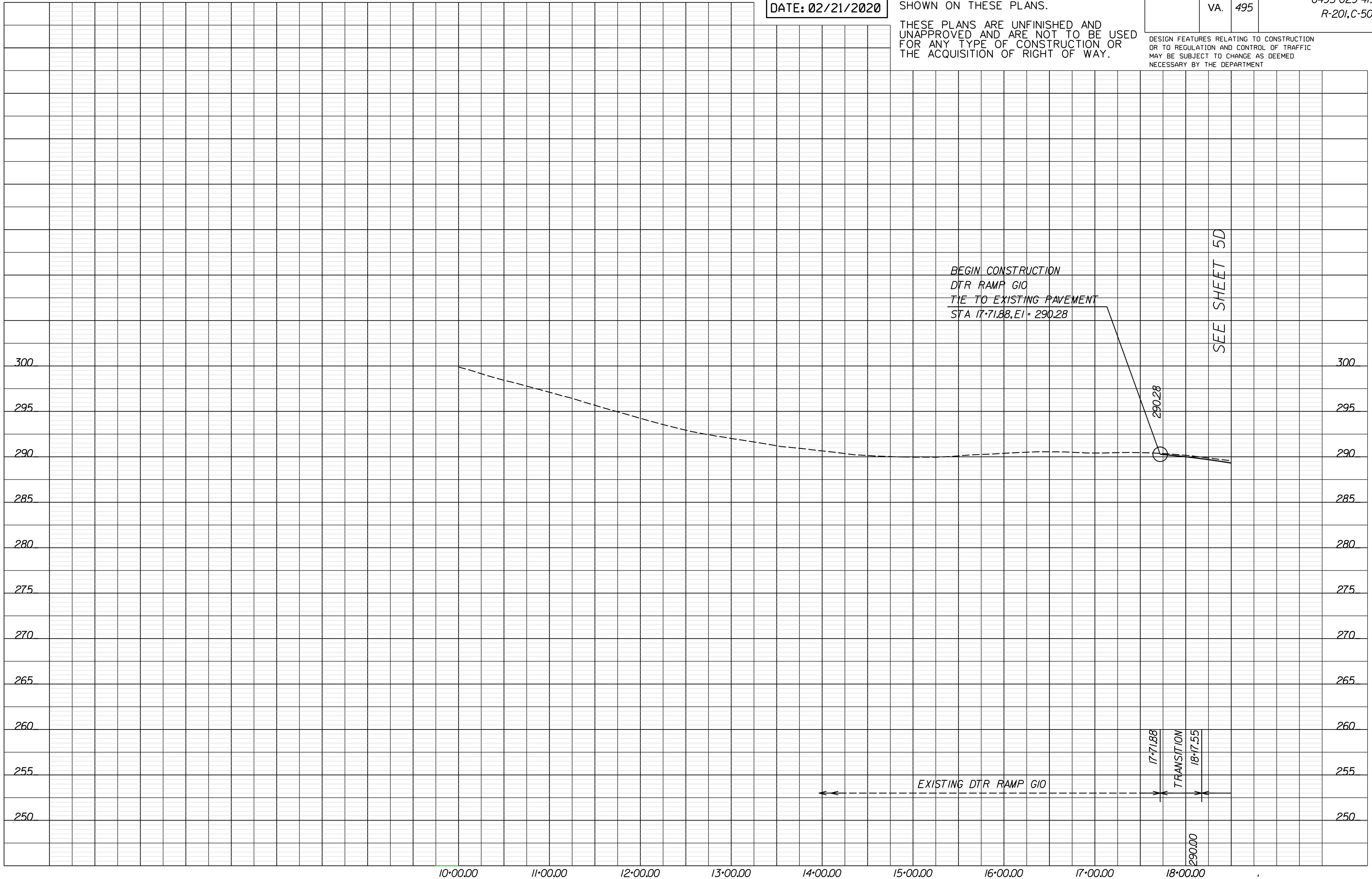
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	4E

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



SEE SHEET 5D

BEGIN CONSTRUCTION
DTR RAMP GIO
TIE TO EXISTING PAVEMENT
STA 17+71.88, EI = 290.28

EXISTING DTR RAMP GIO

17+71.88
TRANSITION
18+17.55
290.00

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

I-495 GP LANES NORTHBOUND

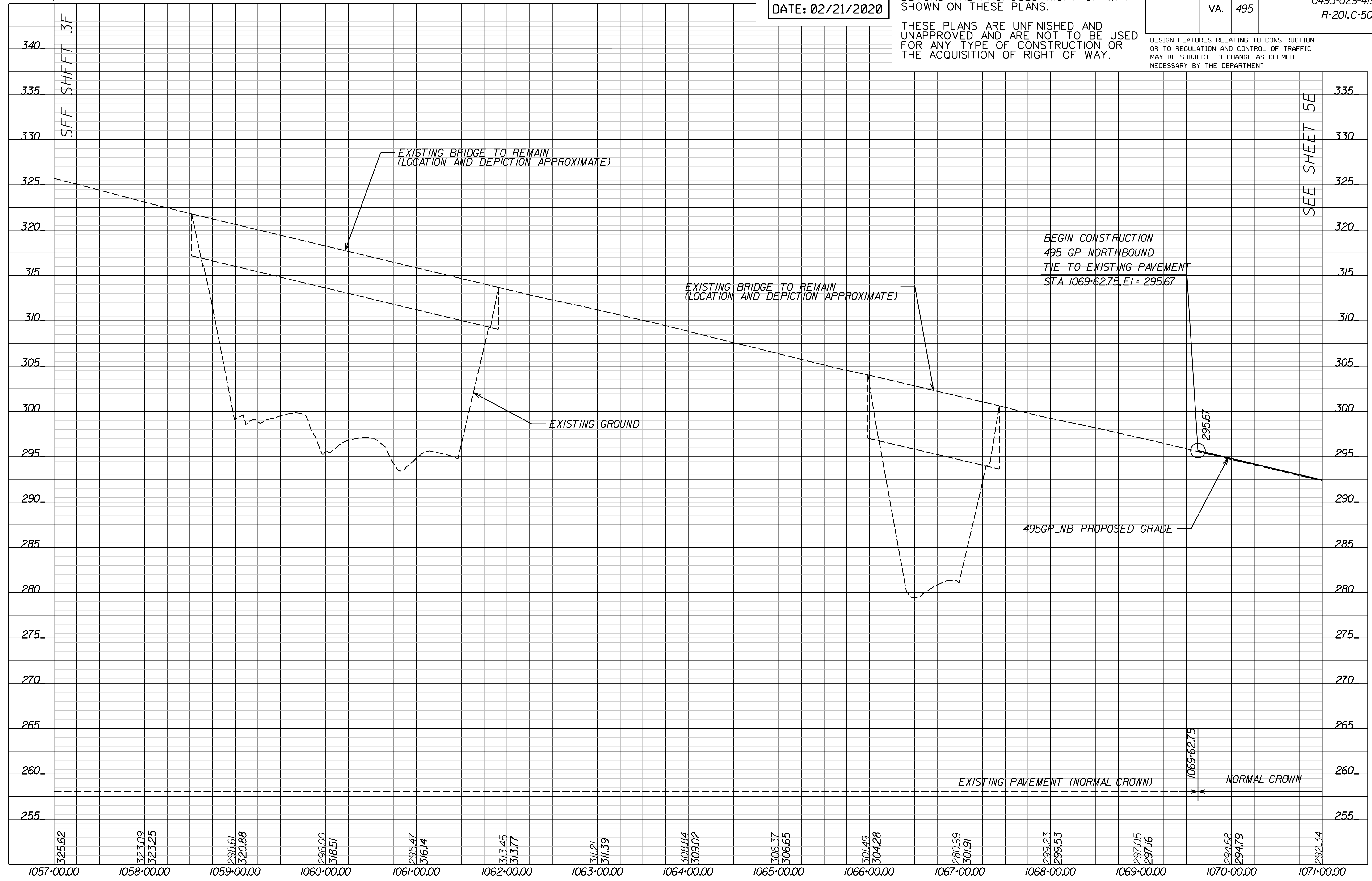
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	4F

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



SEE SHEET 3E

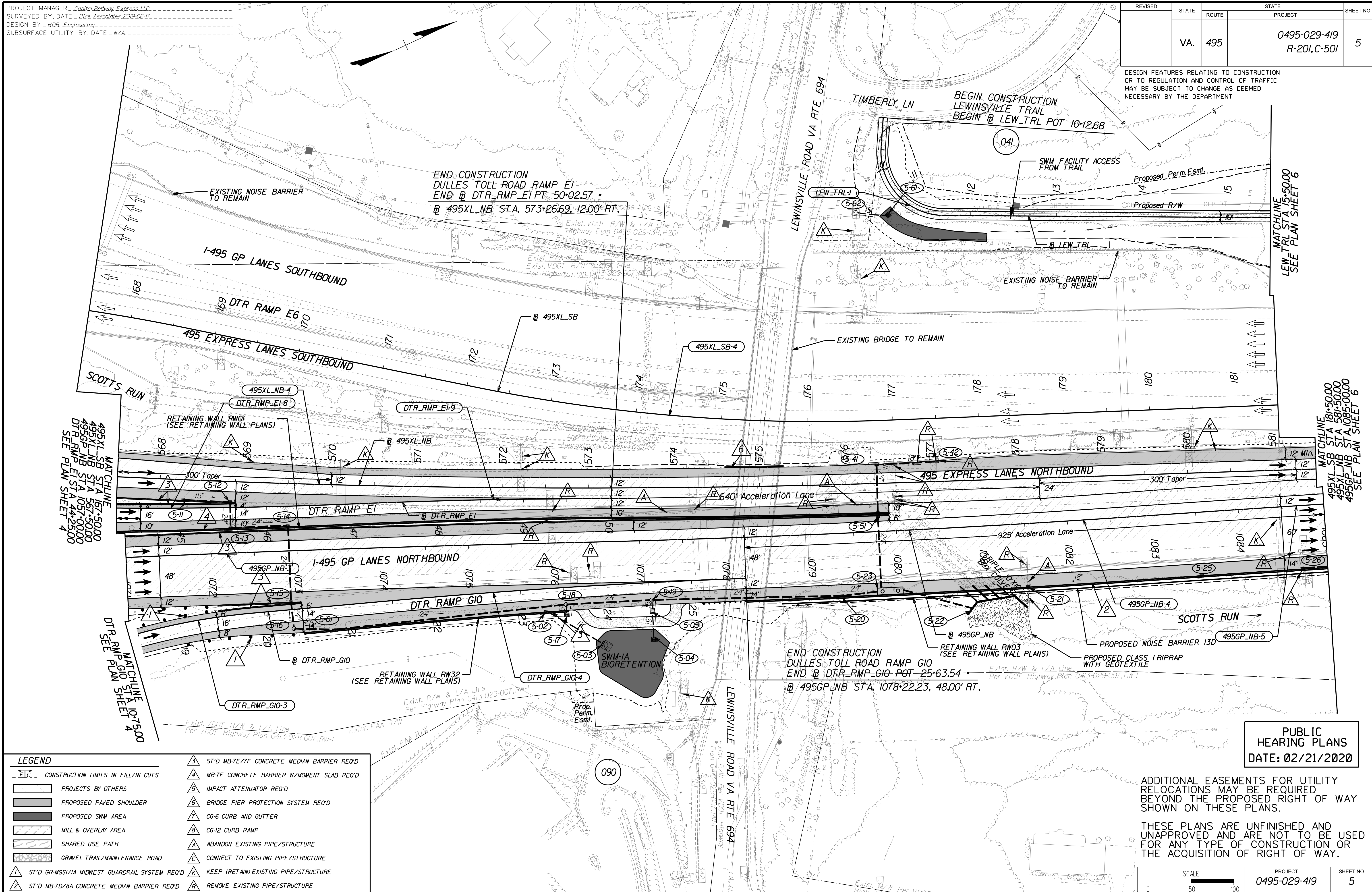
SEE SHEET 5E

1057+00.00	325.62	1058+00.00	323.09 323.25	1059+00.00	298.61 320.88	1060+00.00	296.00 318.51	1061+00.00	295.47 316.14	1062+00.00	313.45 313.77	1063+00.00	311.21 311.39	1064+00.00	308.84 309.02	1065+00.00	306.37 306.65	1066+00.00	304.49 304.28	1067+00.00	280.99 301.91	1068+00.00	299.23 299.53	1069+00.00	297.05 297.16	1070+00.00	294.68 294.79	1071+00.00	292.34
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISION	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	5

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



MATCHLINE
495XL_SB STA 163+50.00
495GP_NB STA 567+50.00
DTR_RMP_EI STA 44+25.00
SEE PLAN SHEET 4

MATCHLINE
DTR_RMP_GIO STA 107+50.00
SEE PLAN SHEET 4

MATCHLINE
LEW_TRL STA 15+50.00
SEE PLAN SHEET 6

MATCHLINE
495XL_SB STA 181+50.00
495GP_NB STA 1085+00.00
SEE PLAN SHEET 6

LEGEND	
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	CG-6 CURB AND GUTTER
	CG-12 CURB RAMP
	ABANDON EXISTING PIPE/STRUCTURE
	CONNECT TO EXISTING PIPE/STRUCTURE
	KEEP (RETAIN) EXISTING PIPE/STRUCTURE
	REMOVE EXISTING PIPE/STRUCTURE
	ST'D GR-MGS/1A WEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	CONSTRUCTION LIMITS IN FILL/IN CUTS
	PROJECTS BY OTHERS
	PROPOSED PAVED SHOULDER
	PROPOSED SWM AREA
	MILL & OVERLAY AREA
	SHARED USE PATH
	GRAVEL TRAIL/MAINTENANCE ROAD

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 5
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PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

495 EXPRESS LANES NORTHBOUND

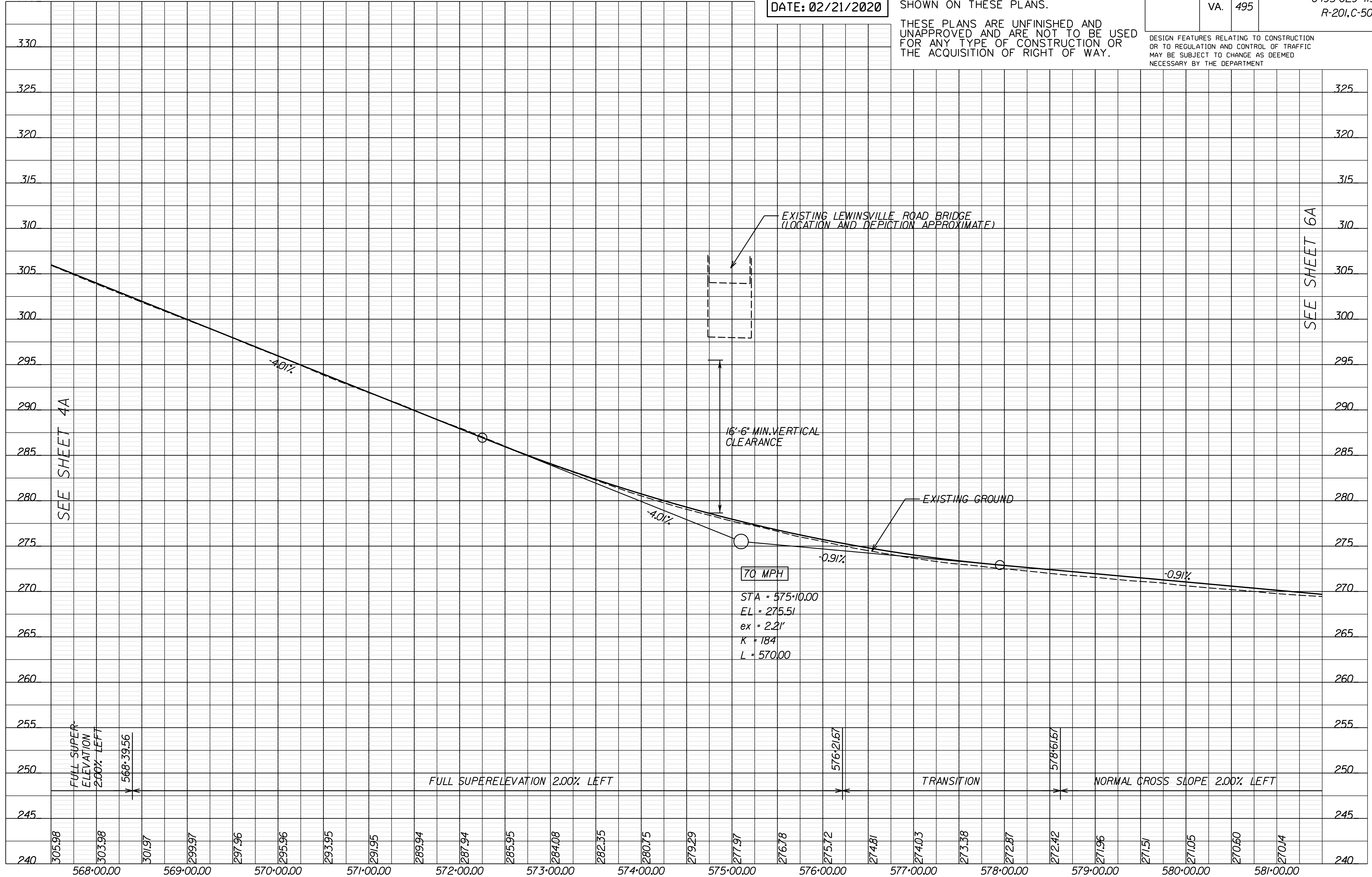
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	5A

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



SEE SHEET 4A

SEE SHEET 6A

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

495 EXPRESS LANES SOUTHBOUND

PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	5B

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



SEE SHEET 4B

SEE SHEET 6B

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DTR RAMP EI

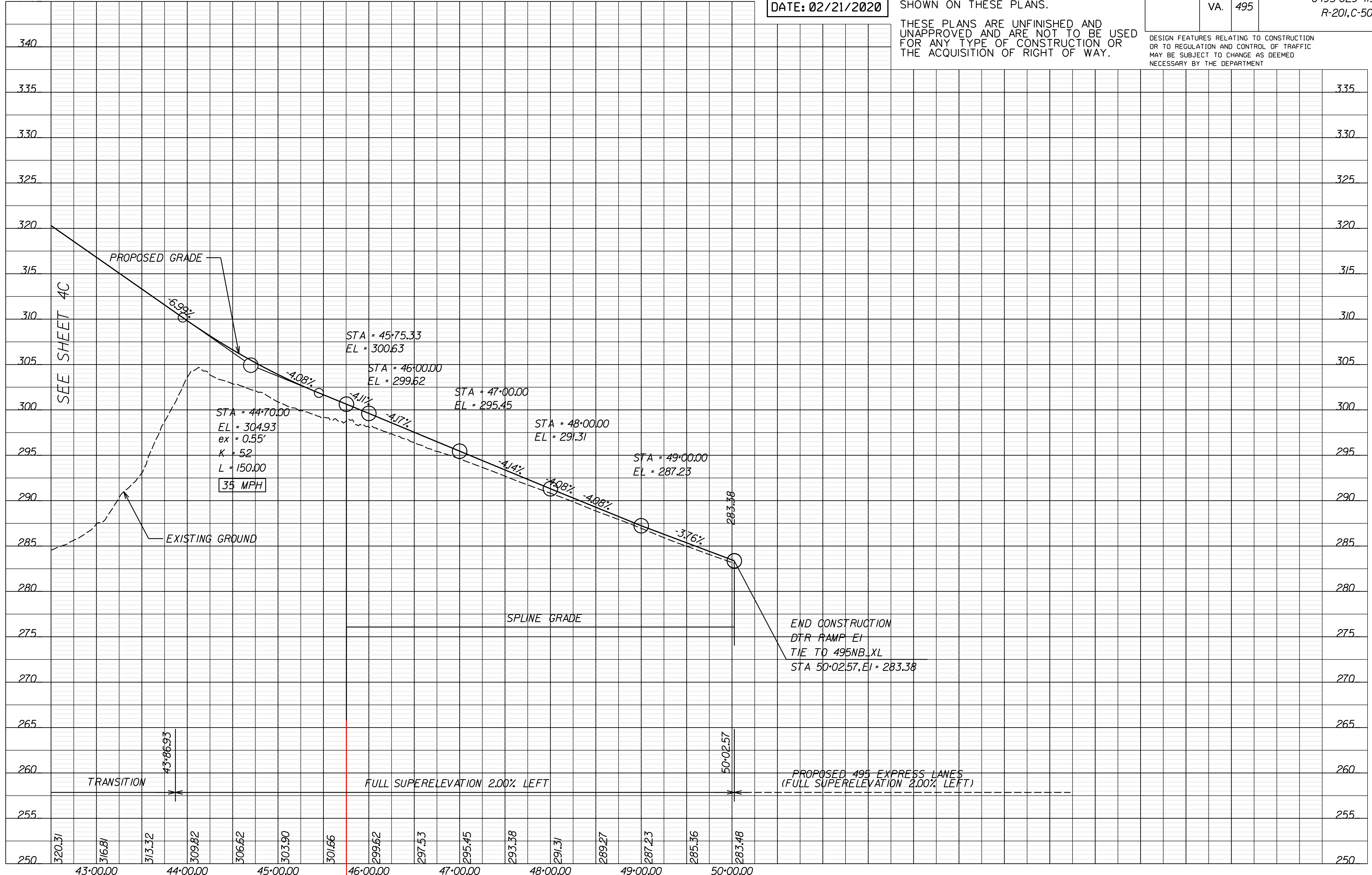
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	5C

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



SEE SHEET 4C

END CONSTRUCTION
DTR RAMP EI
TIE TO 495NB_XL
STA 50+02.57, EI = 283.38

PROPOSED 495 EXPRESS LANES
(FULL SUPERELEVATION 2.00% LEFT)

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

LEWINSVILLE TRAIL

PUBLIC HEARING PLANS
DATE: 02/21/2020

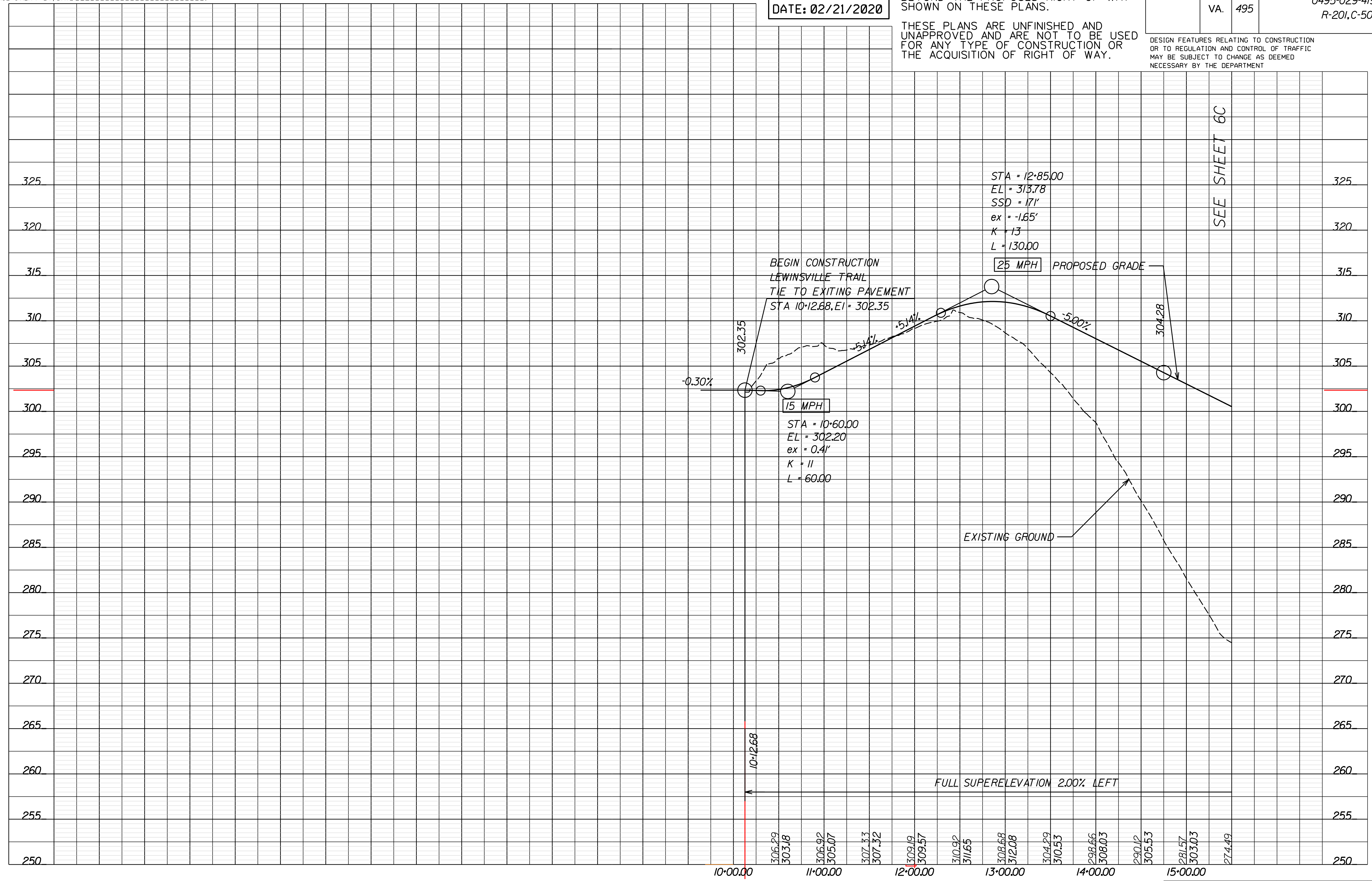
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	5D

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

SEE SHEET 6C



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

I-495 GP LANES NORTHBOUND

PUBLIC HEARING PLANS
DATE: 02/21/2020

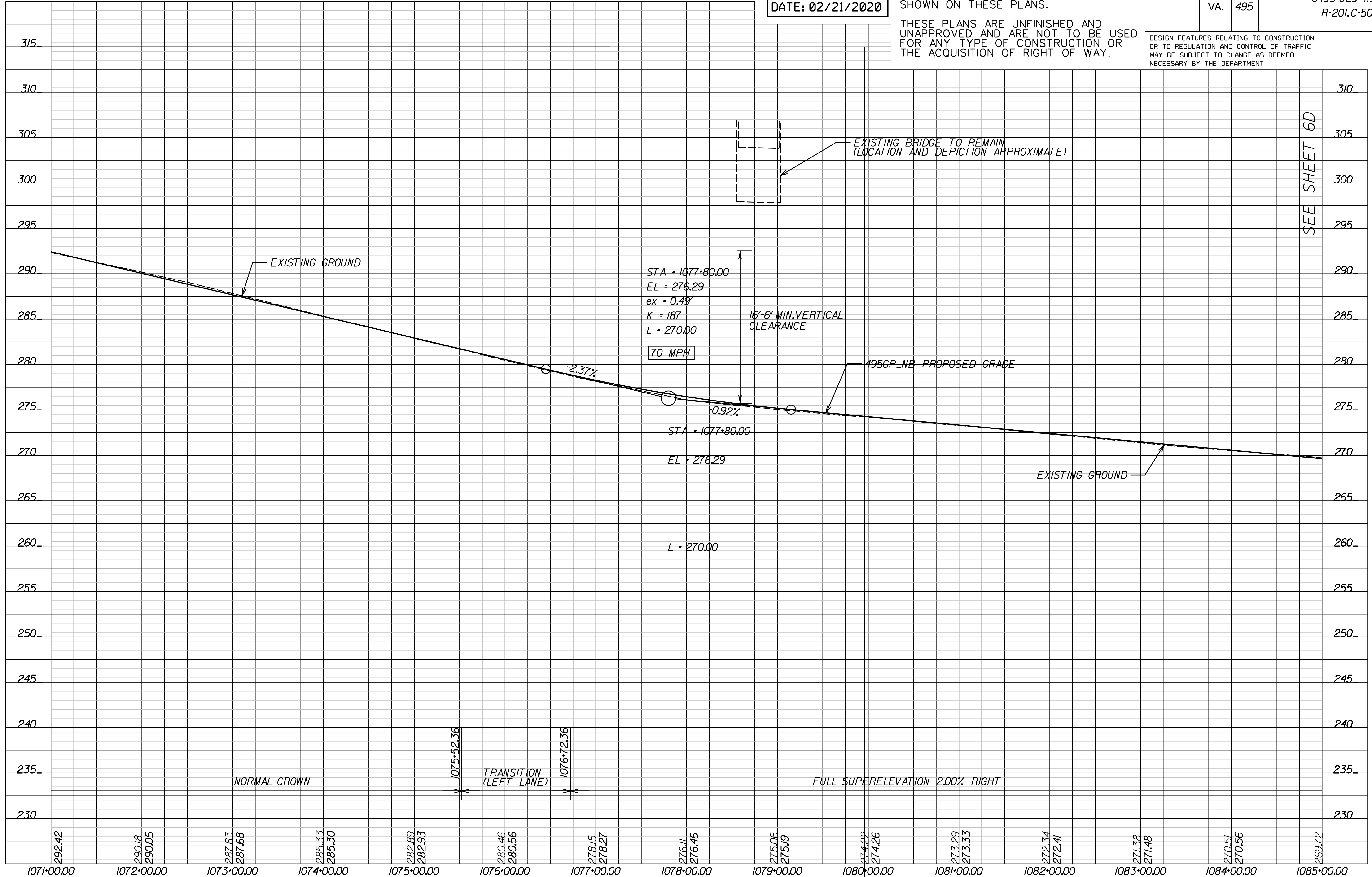
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	5E

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

SEE SHEET 6D



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DTR RAMP G10

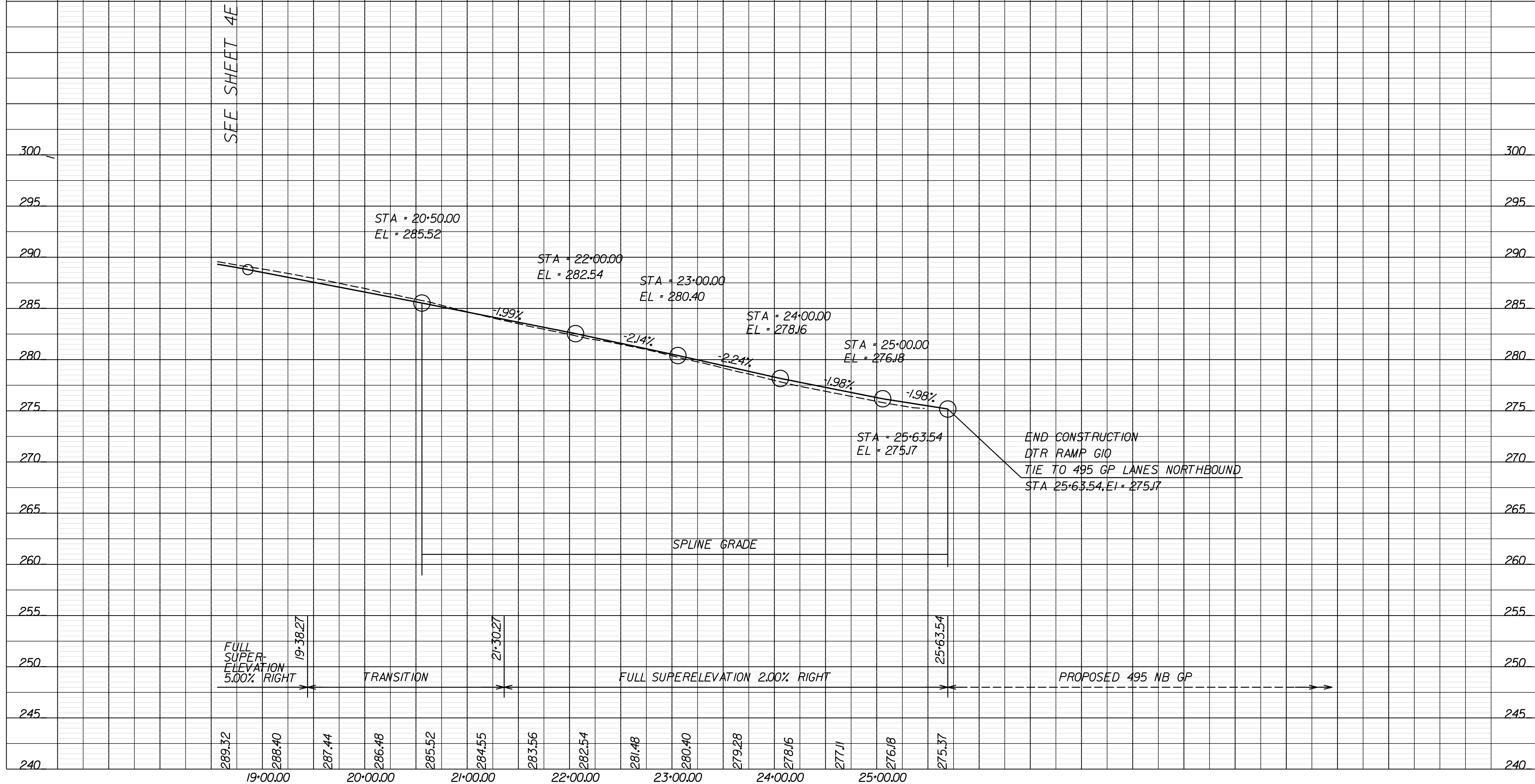
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	5F

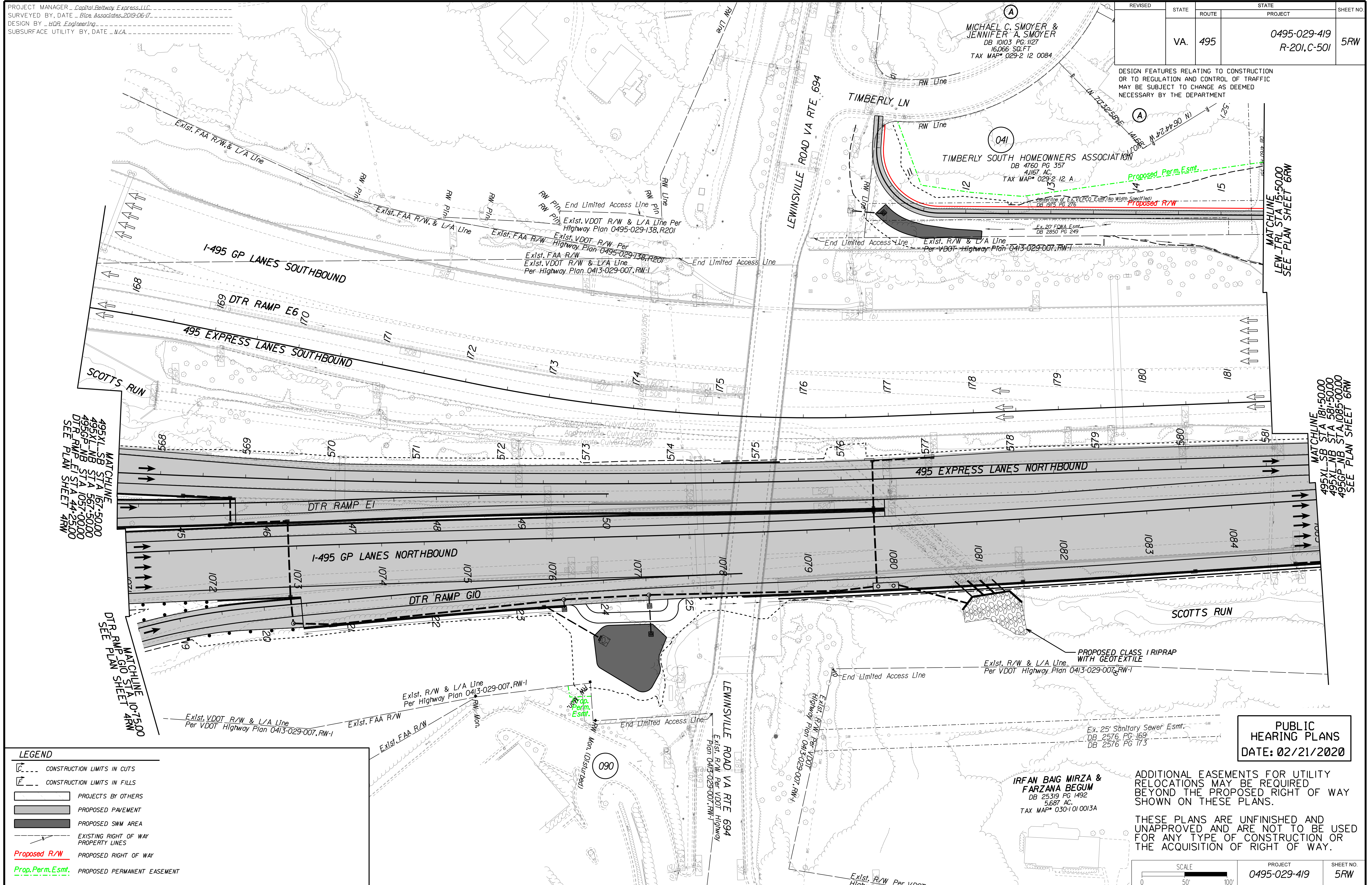
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISION	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	5RW

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



MATCHLINE
 495XL-SB STA 167+50.00
 495GP-NB STA 581+50.00
 DTR RAMP EI STA 1051+00.00
 DTR RAMP GIO STA 44+25.00
 SEE PLAN SHEET 4RW

MATCHLINE
 495XL-SB STA 181+50.00
 495GP-NB STA 1085+00.00
 SEE PLAN SHEET 6RW

LEGEND

	CONSTRUCTION LIMITS IN CUTS
	CONSTRUCTION LIMITS IN FILLS
	PROJECTS BY OTHERS
	PROPOSED PAVEMENT
	PROPOSED SWM AREA
	EXISTING RIGHT OF WAY PROPERTY LINES
	PROPOSED RIGHT OF WAY
	PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 5RW
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MICHAEL C. SMOYER & JENNIFER A. SMOYER
DB 10103 PG 1127
16,066 SQ. FT.
TAX MAP# 029-2-12 0084

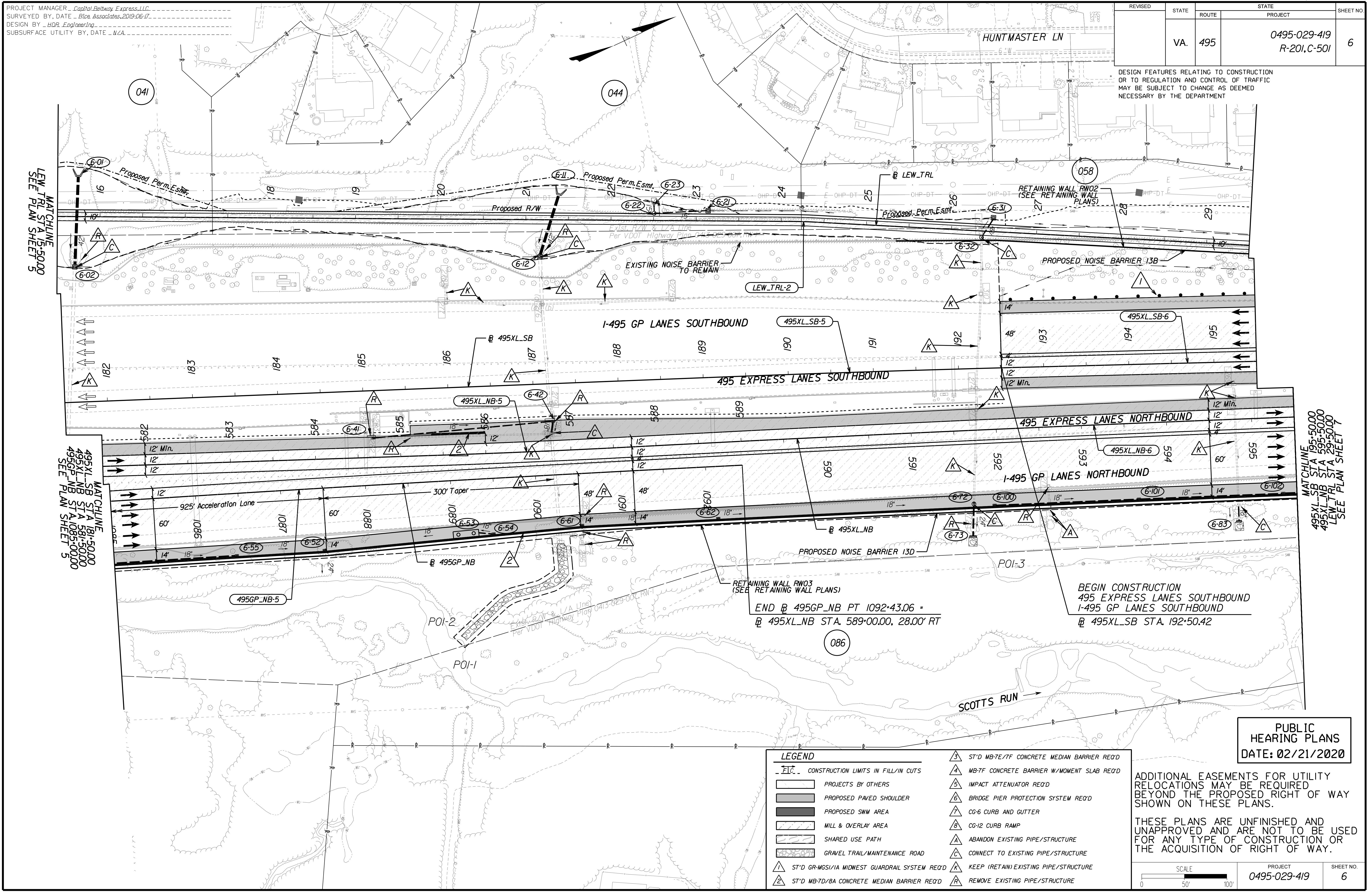
TIMBERLY SOUTH HOMEOWNERS ASSOCIATION
DB 4760 PG 357
4167 AC.
TAX MAP# 029-2-12 A

IRFAN BAIG MIRZA & FARZANA BEGUM
DB 25319 PG 1492
5,687 AC.
TAX MAP# 030-101 0013A

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	6

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



MATCHLINE
LEW_TRL STA 15+50.00
SEE PLAN SHEET 5

MATCHLINE
495XL_SB STA 181+50.00
495XL_NB STA 581+50.00
495GP_NB STA 105+00.00
SEE PLAN SHEET 5

MATCHLINE
495XL_SB STA 195+50.00
495XL_NB STA 595+50.00
LEW_TRL STA 28+50.00
SEE PLAN SHEET 7

LEGEND

	CONSTRUCTION LIMITS IN FILL/IN CUTS		3' D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	PROJECTS BY OTHERS		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	PROPOSED PAVED SHOULDER		IMPACT ATTENUATOR REQ'D
	PROPOSED SWM AREA		BRIDGE PIER PROTECTION SYSTEM REQ'D
	MILL & OVERLAY AREA		CG-6 CURB AND GUTTER
	SHARED USE PATH		CG-12 CURB RAMP
	GRAVEL TRAIL/MAINTENANCE ROAD		ABANDON EXISTING PIPE/STRUCTURE
	1' D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D		CONNECT TO EXISTING PIPE/STRUCTURE
	2' D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D		KEEP (RETAIN) EXISTING PIPE/STRUCTURE
			REMOVE EXISTING PIPE/STRUCTURE

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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

SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 6
---------------------	-------------------------	----------------

PUBLIC HEARING PLANS
DATE: 02/21/2020

END @ 495GP_NB PT 1092+43.06
@ 495XL_NB STA. 589+00.00, 28.00' RT

BEGIN CONSTRUCTION
495 EXPRESS LANES SOUTHBOUND
@ 495XL_SB STA. 192+50.42

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

495 EXPRESS LANES NORTHBOUND

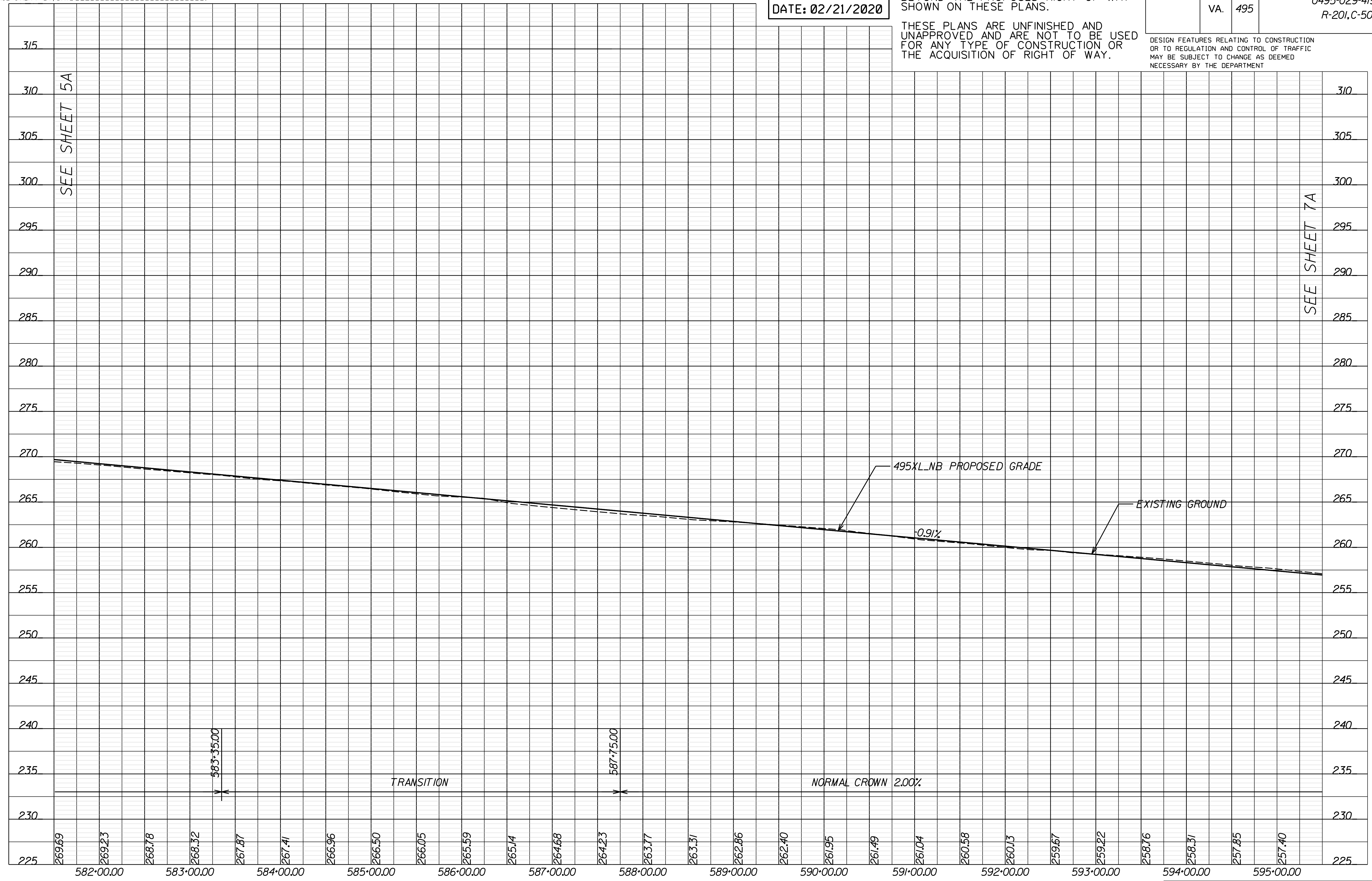
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	6A

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

495 EXPRESS LANES SOUTHBOUND

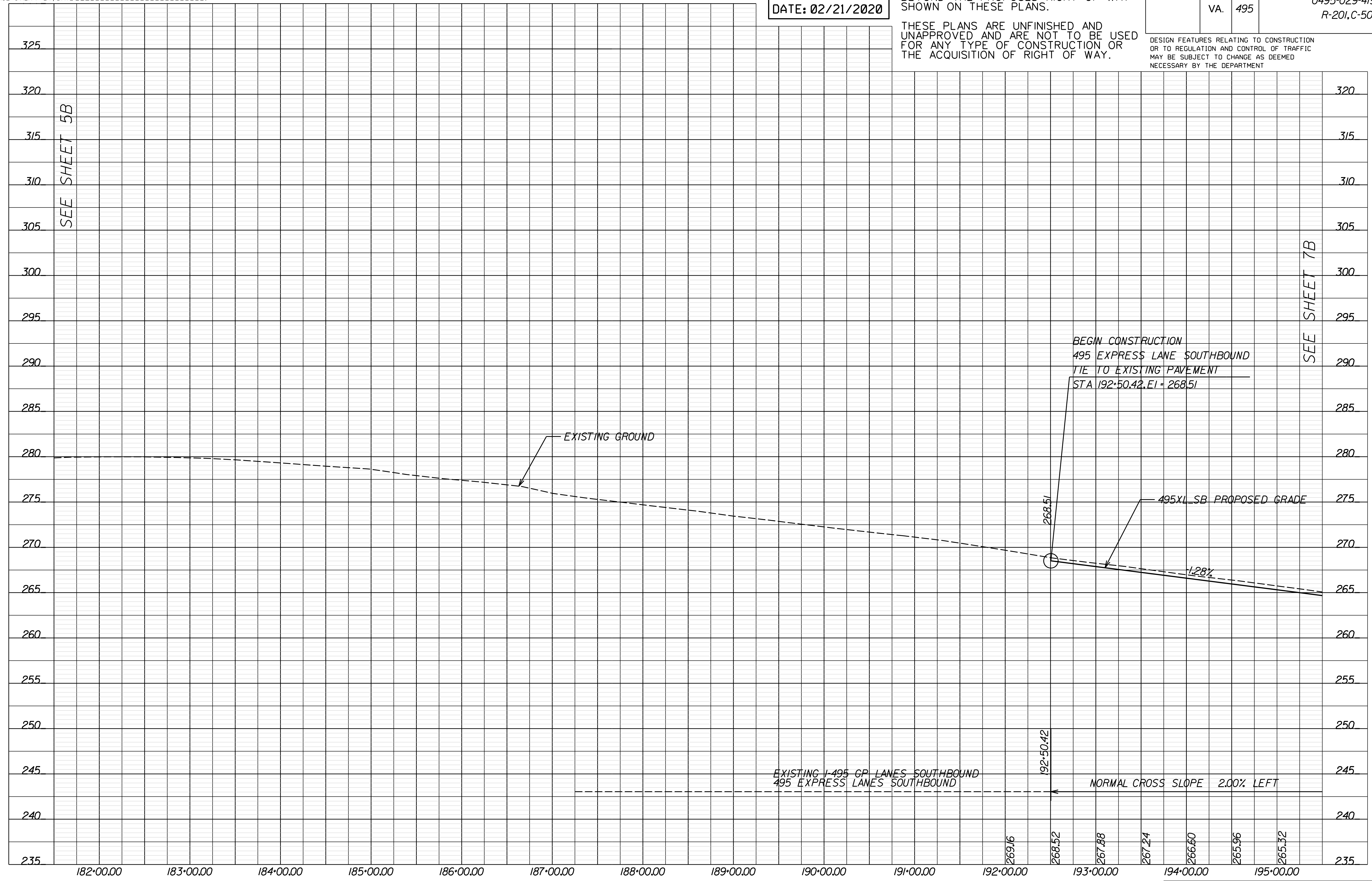
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	6B

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



SEE SHEET 5B

SEE SHEET 7B

PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

LEWINSVILLE TRAIL

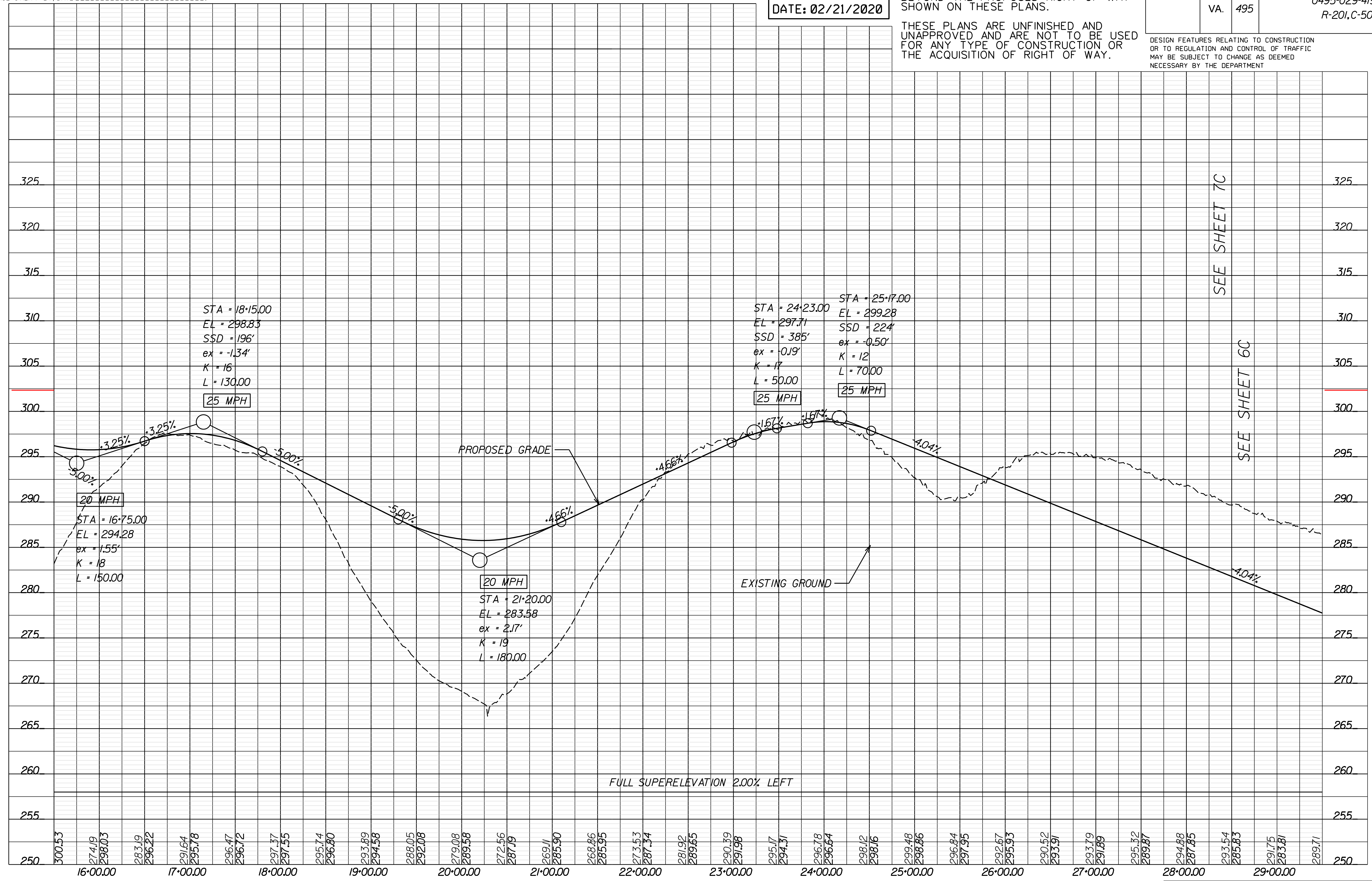
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	6C

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



STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION
300.53	295.00	274.19	298.03	293.79	291.89
274.19	298.03	283.19	296.22	295.32	289.87
283.19	296.22	291.64	295.78	294.88	287.85
291.64	295.78	296.47	296.72	293.54	285.83
296.47	296.72	297.37	297.55	291.75	283.81
297.37	297.55	295.74	296.80	289.71	250.00
295.74	296.80	293.89	294.58		
293.89	294.58	288.05	292.08		
288.05	292.08	279.08	289.58		
279.08	289.58	272.56	287.19		
272.56	287.19	269.11	285.90		
269.11	285.90	268.86	285.95		
268.86	285.95	273.53	287.34		
273.53	287.34	281.92	289.65		
281.92	289.65	290.39	291.98		
290.39	291.98	295.17	294.31		
295.17	294.31	296.78	296.64		
296.78	296.64	298.12	298.16		
298.12	298.16	299.48	298.86		
299.48	298.86	296.84	297.95		
296.84	297.95	292.67	295.93		
292.67	295.93	290.52	293.91		
290.52	293.91				

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

I-495 GP LANES NORTHBOUND

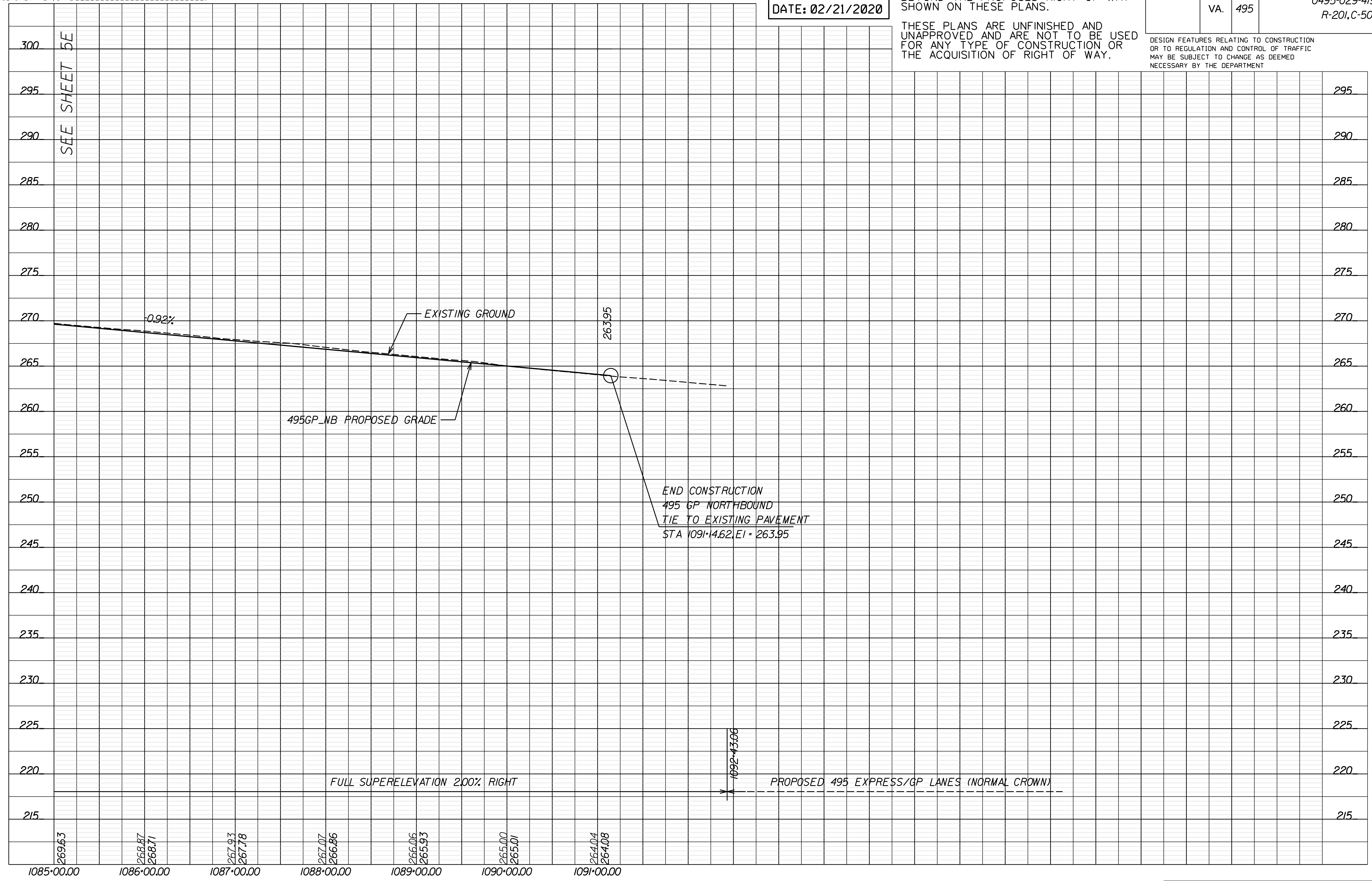
PUBLIC HEARING PLANS
DATE: 02/21/2020

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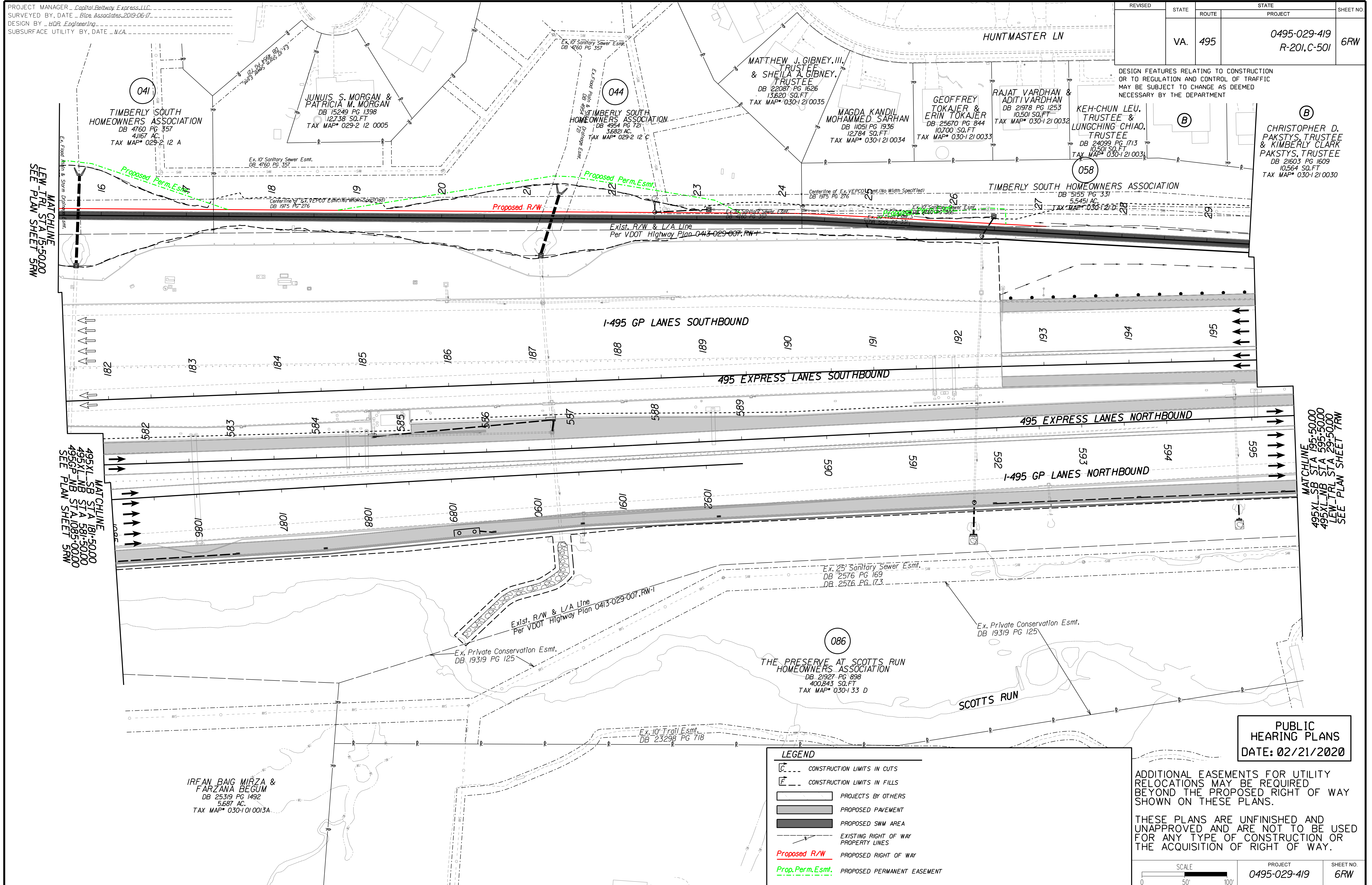
REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	6D

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



PROJECT MANAGER: Capital Beltway Express, LLC
SURVEYED BY, DATE: Bice Associates, 2019-06-17
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	6RW



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

MATCHLINE
LEW - TRL STA 15+50.00
SEE PLAN SHEET 5RW

MATCHLINE
495XL-SB STA 181+50.00
495XL-NB STA 581+50.00
495GP-NB STA 105+00.00
SEE PLAN SHEET 5RW

MATCHLINE
495XL-SB STA 195+50.00
495XL-NB STA 595+50.00
LEW - TRL STA 28+50.00
SEE PLAN SHEET 7RW

LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY PROPERTY LINES
- PROPOSED R/W
- PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

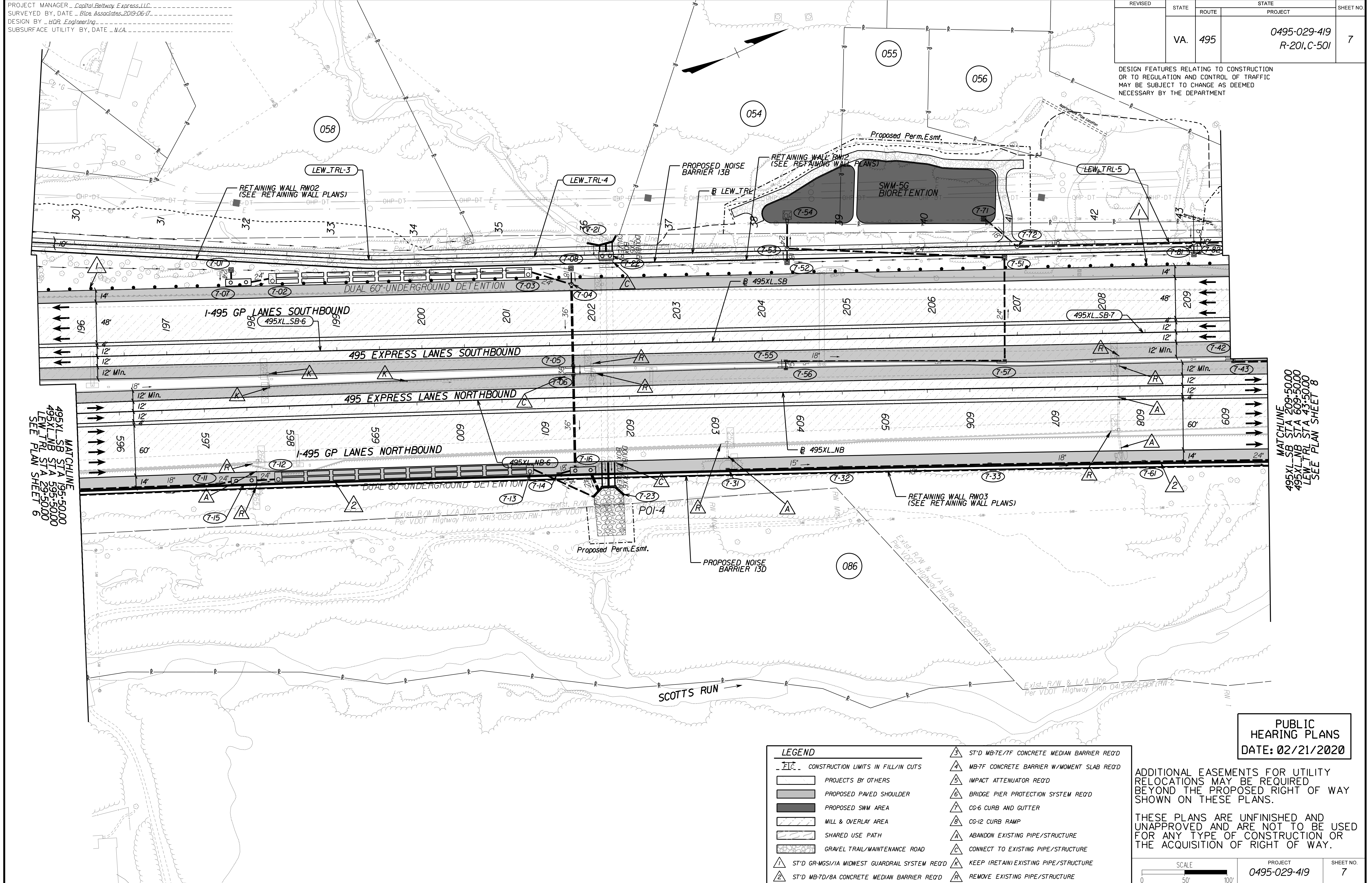
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 6RW
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	7

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



MATCHLINE
495XL-SB STA 195+50.00
495XL-NB STA 595+50.00
LEW-TRL STA 29+50.00
SEE PLAN SHEET 6

MATCHLINE
495XL-SB STA 209+50.00
495XL-NB STA 609+50.00
LEW-TRL STA 43+50.00
SEE PLAN SHEET 8

LEGEND	
	CONSTRUCTION LIMITS IN FILL/IN CUTS
	PROJECTS BY OTHERS
	PROPOSED PAVED SHOULDER
	PROPOSED SWM AREA
	MILL & OVERLAY AREA
	SHARED USE PATH
	GRAVEL TRAIL/MAINTENANCE ROAD
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	CG-6 CURB AND GUTTER
	CG-12 CURB RAMP
	ABANDON EXISTING PIPE/STRUCTURE
	CONNECT TO EXISTING PIPE/STRUCTURE
	KEEP (RETAIN) EXISTING PIPE/STRUCTURE
	REMOVE EXISTING PIPE/STRUCTURE

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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PUBLIC HEARING PLANS
DATE: 02/21/2020

SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 7
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

495 EXPRESS LANES NORTHBOUND

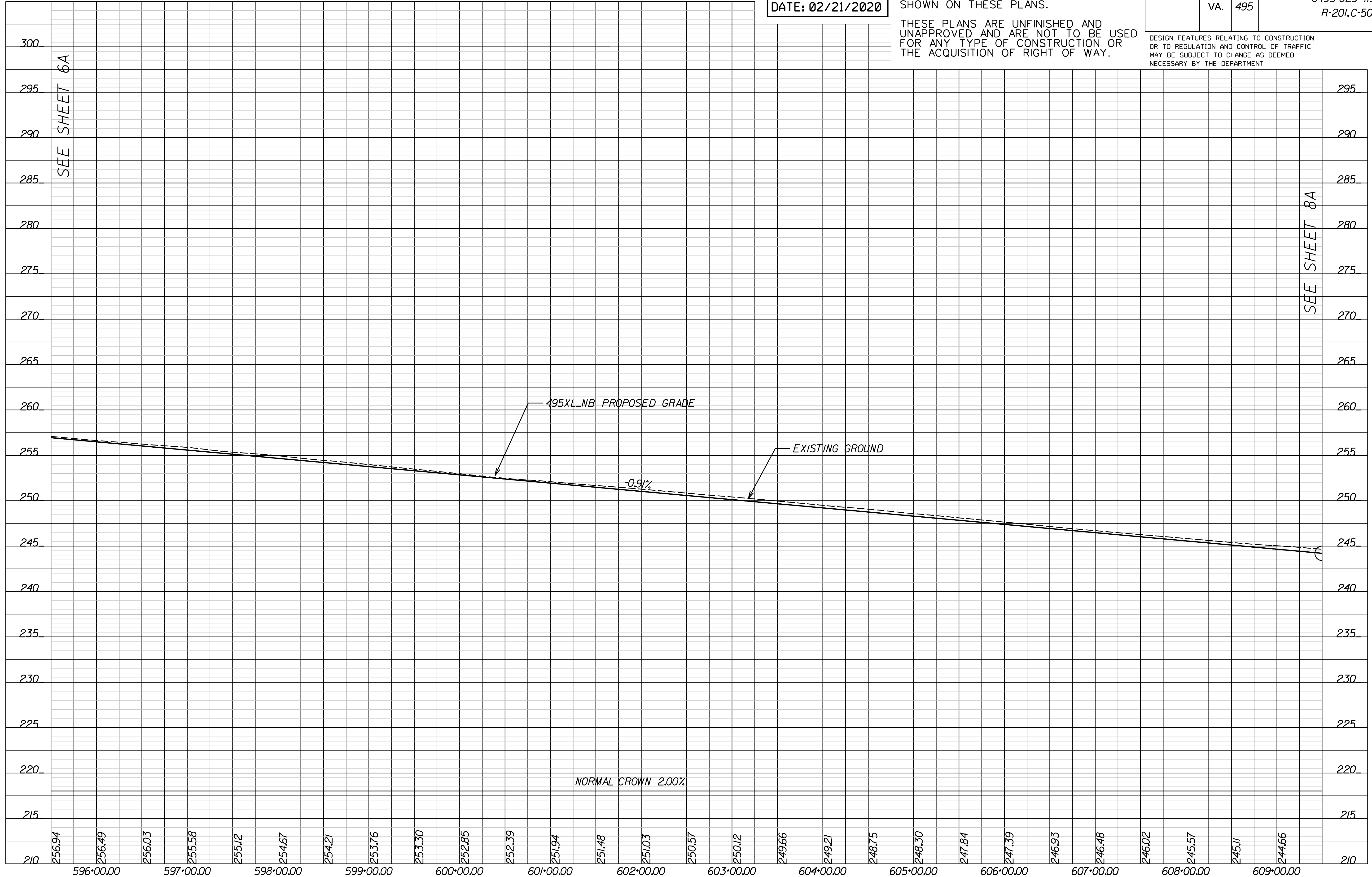
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	7A

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



SEE SHEET 6A

SEE SHEET 8A

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

495 EXPRESS LANES SOUTHBOUND

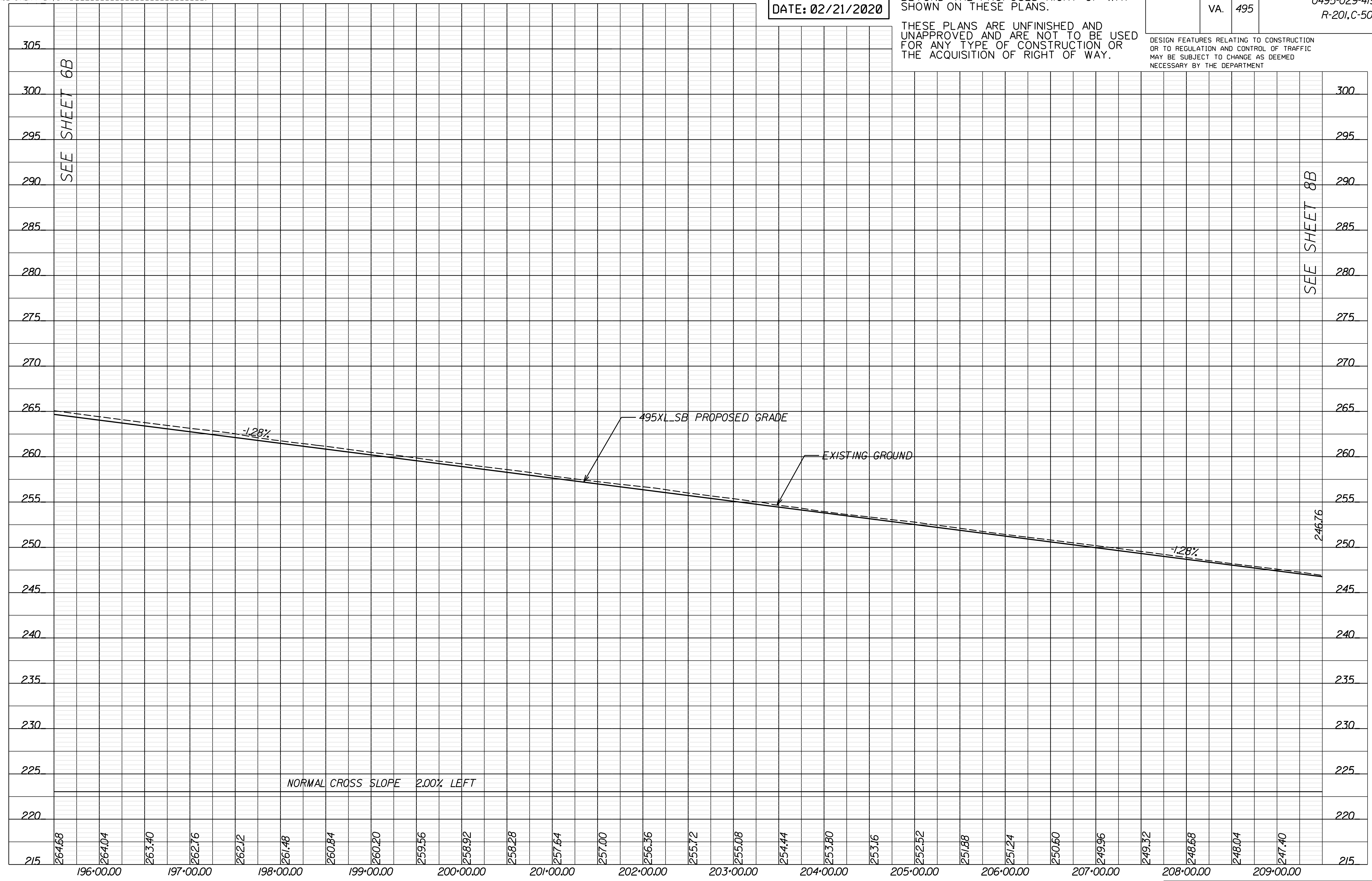
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	7B

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



SEE SHEET 6B

SEE SHEET 8B

246.76

NORMAL CROSS SLOPE 2.00% LEFT

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

LEWINSVILLE TRAIL

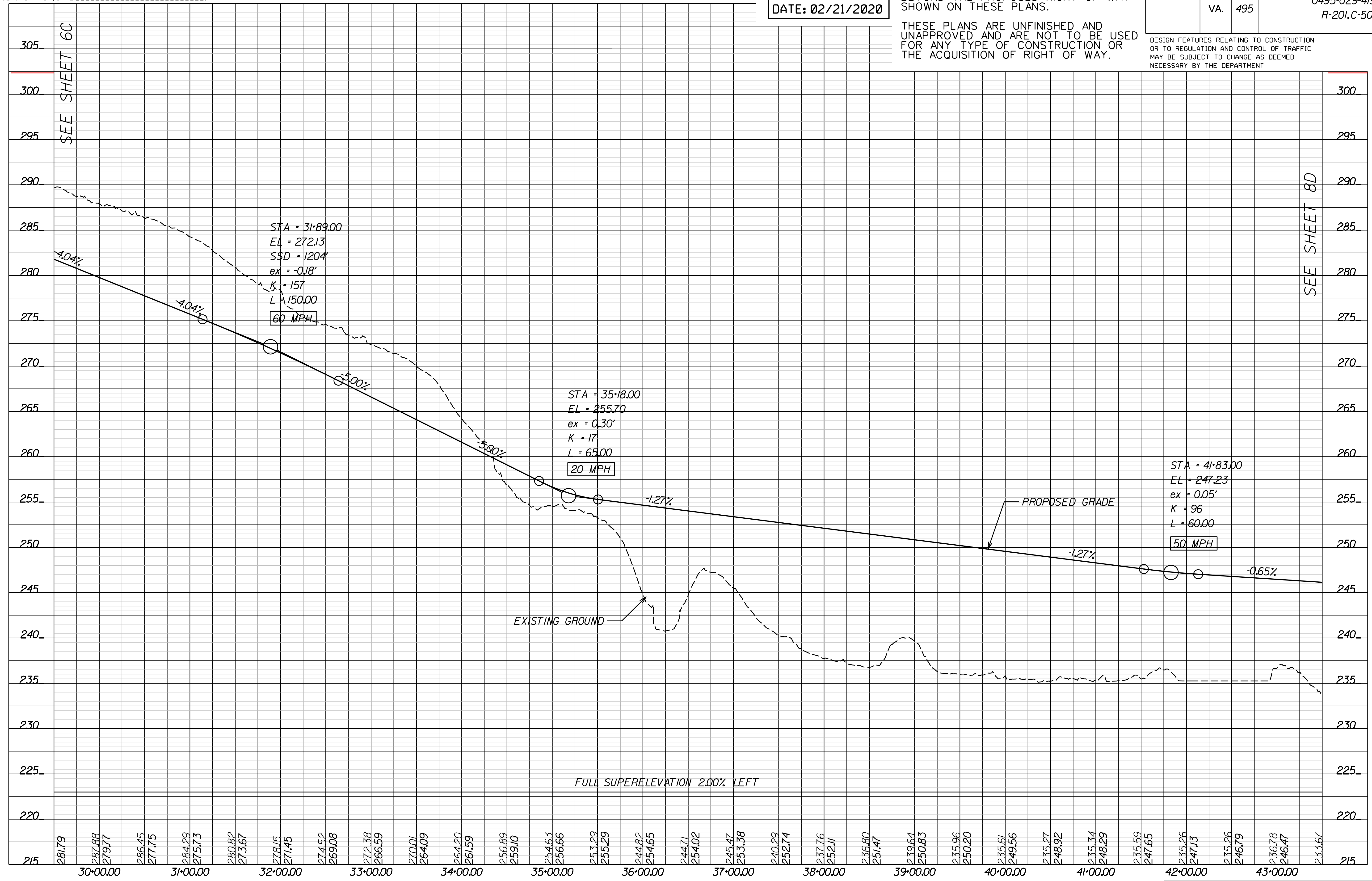
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	7C

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



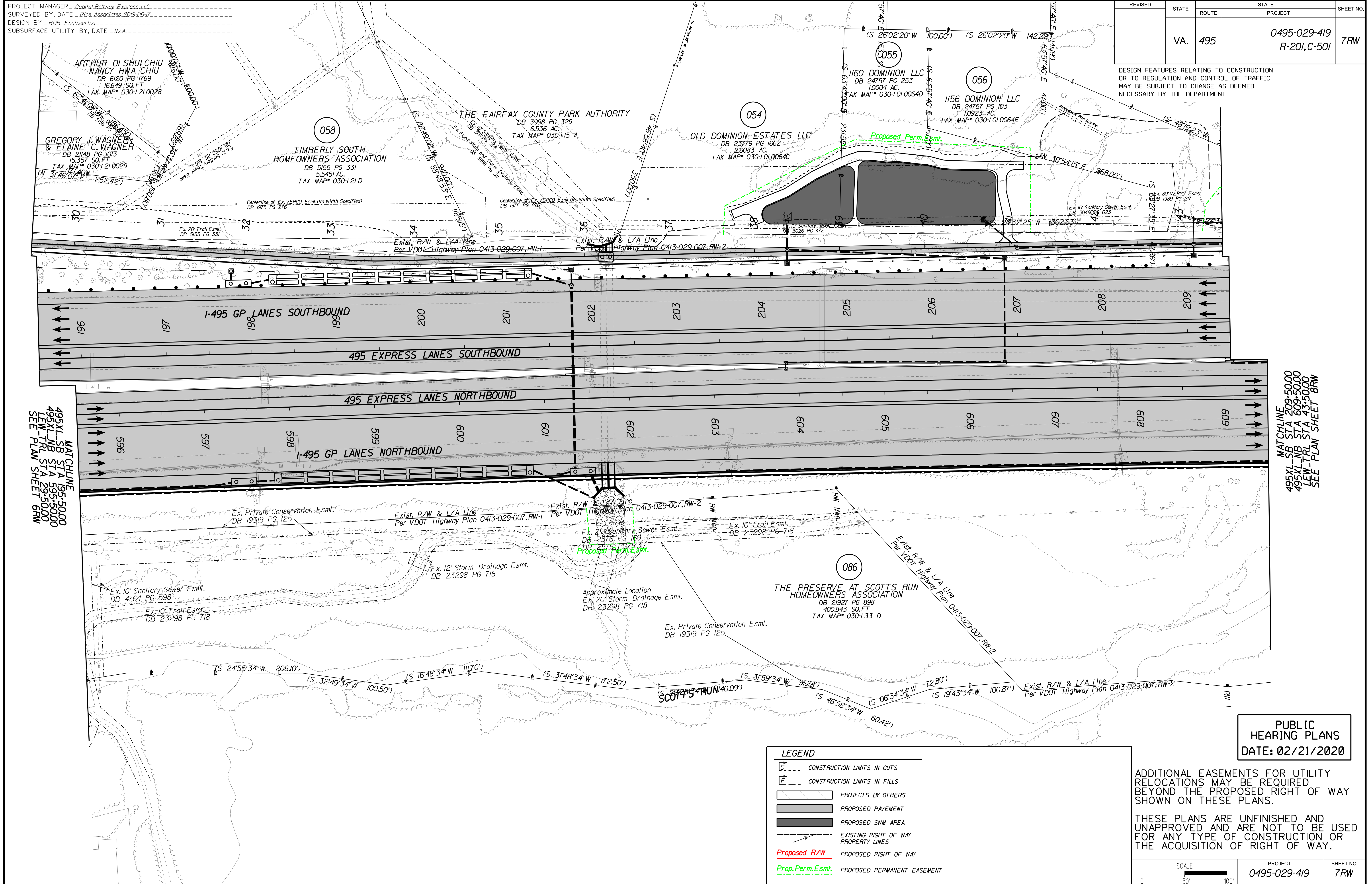
SEE SHEET 6C

SEE SHEET 8D

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	7RW

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



MATCHLINE
495XL-SB STA 195+50.00
495XL-NB STA 595+50.00
LEW-TRL STA 29+50.00
SEE PLAN SHEET 6RW

MATCHLINE
495XL-SB STA 209+50.00
495XL-NB STA 609+50.00
LEW-TRL STA 43+50.00
SEE PLAN SHEET 8RW

LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY PROPERTY LINES
- Proposed R/W
- Prop. Perm. Esmt.
- PROPOSED RIGHT OF WAY
- PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

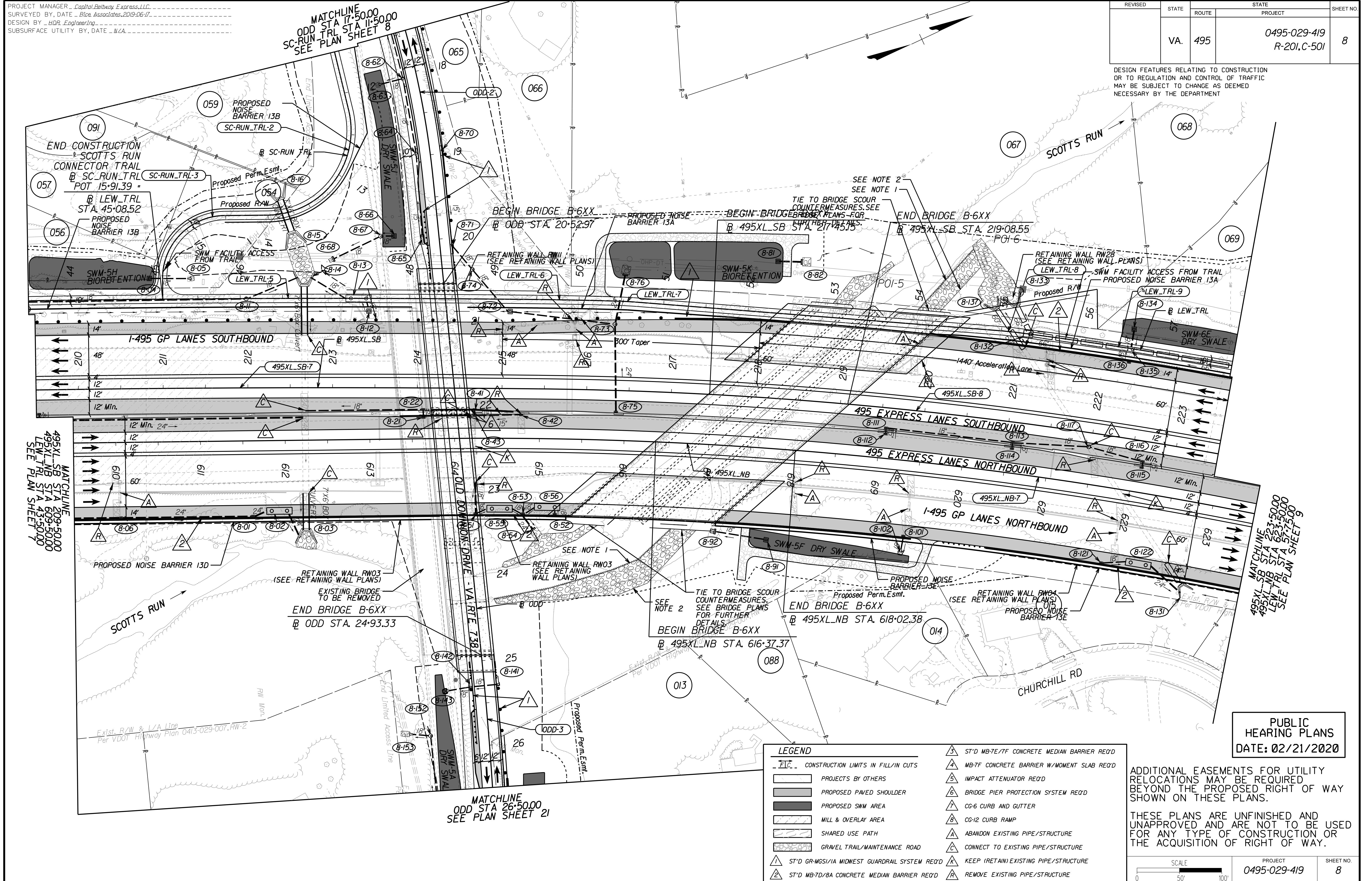
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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 7RW
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	8

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



LEGEND

	CONSTRUCTION LIMITS IN FILL/IN CUTS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	PROJECTS BY OTHERS		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	PROPOSED PAVED SHOULDER		IMPACT ATTENUATOR REQ'D
	PROPOSED SWM AREA		BRIDGE PIER PROTECTION SYSTEM REQ'D
	MILL & OVERLAY AREA		CG-6 CURB AND GUTTER
	SHARED USE PATH		CG-12 CURB RAMP
	GRAVEL TRAIL/MAINTENANCE ROAD		ABANDON EXISTING PIPE/STRUCTURE
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D		CONNECT TO EXISTING PIPE/STRUCTURE
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D		KEEP (RETAIN) EXISTING PIPE/STRUCTURE
			REMOVE EXISTING PIPE/STRUCTURE

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE: 0 50' 100'

PROJECT: 0495-029-419
SHEET NO.: 8

PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

495 EXPRESS LANES NORTHBOUND

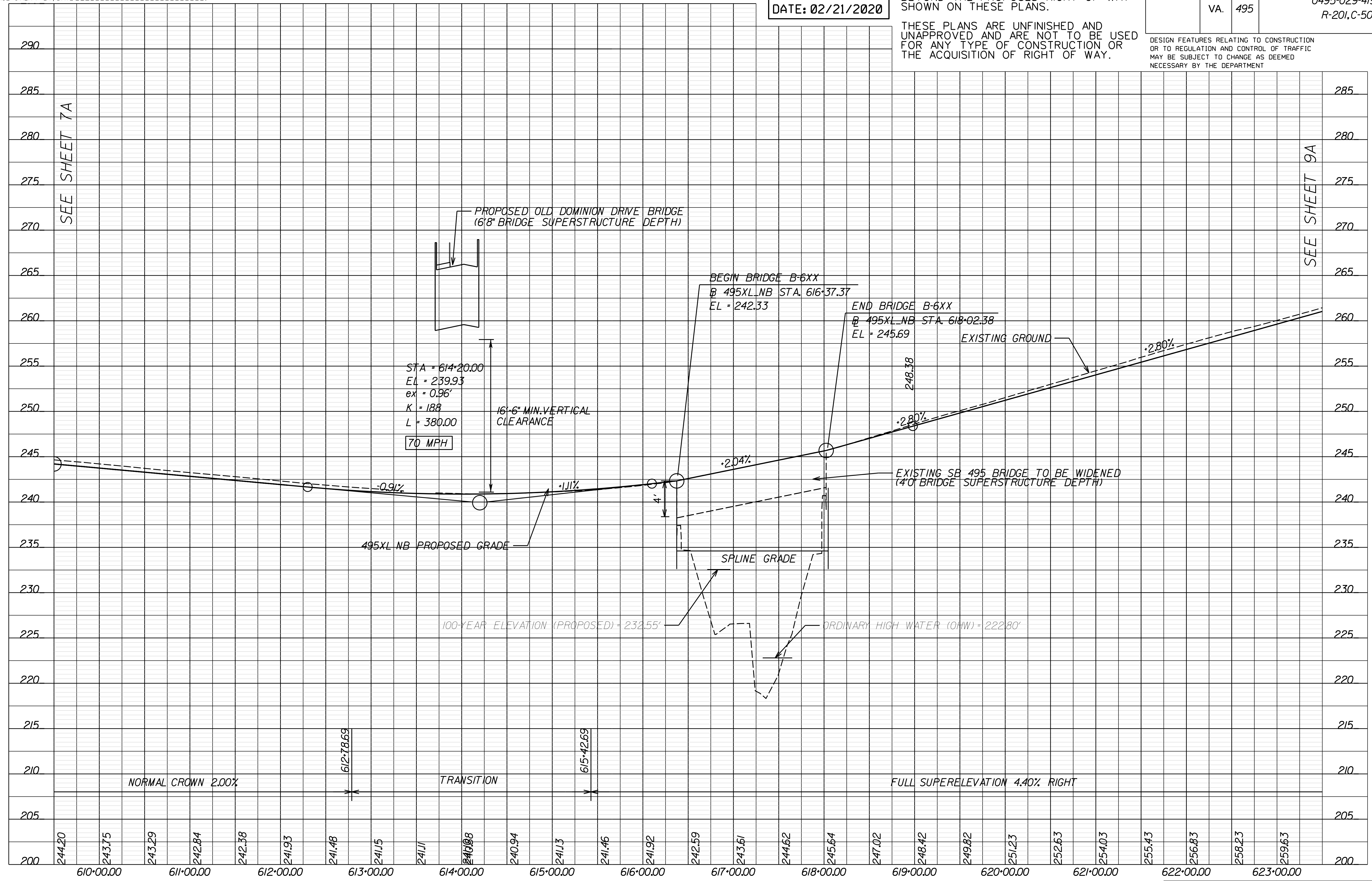
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	8A

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



PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

495 EXPRESS LANES SOUTHBOUND

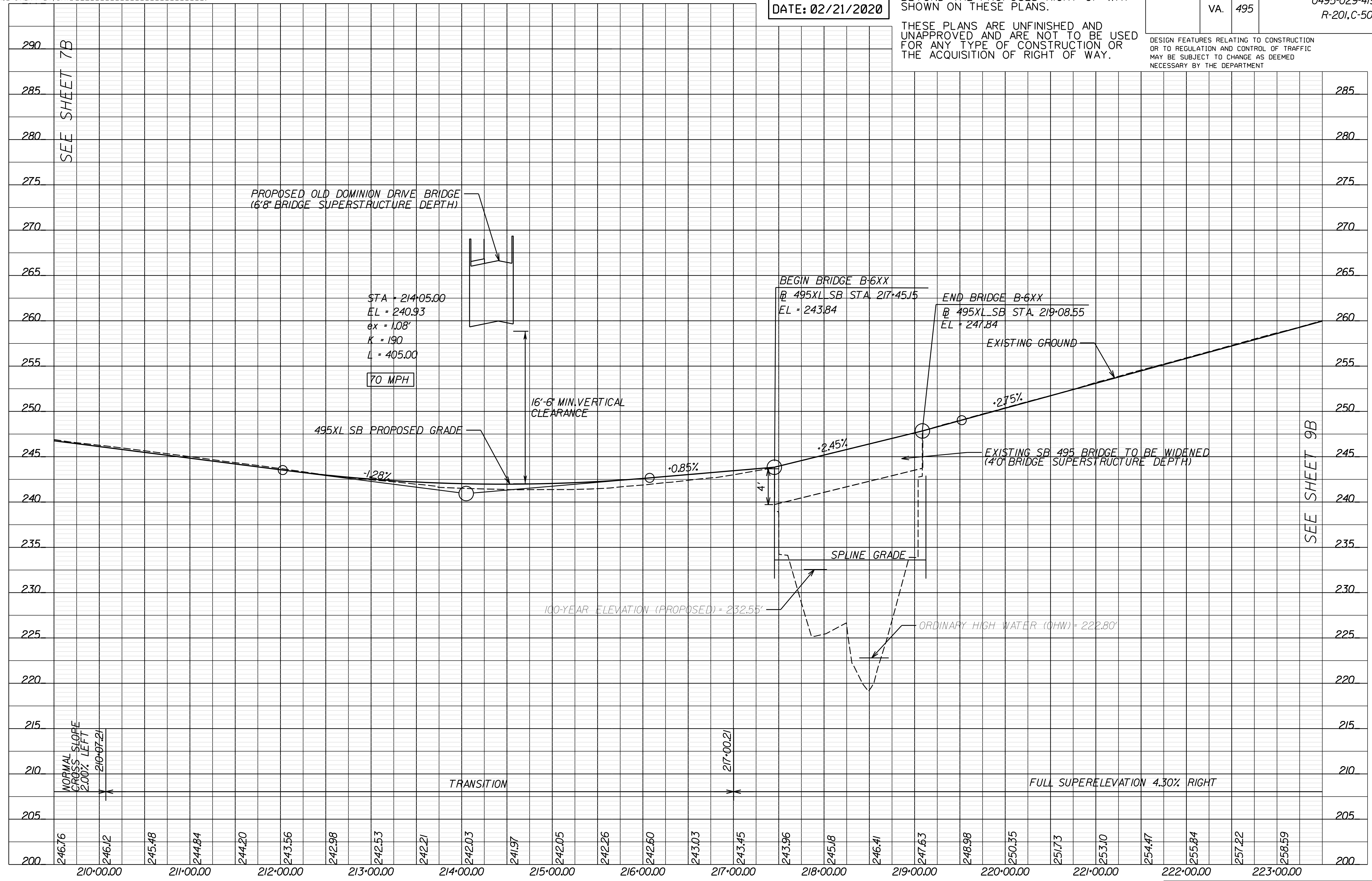
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	8B

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



SEE SHEET 7B

SEE SHEET 9B

PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

OLD DOMINION DRIVE - VA ROUTE 738

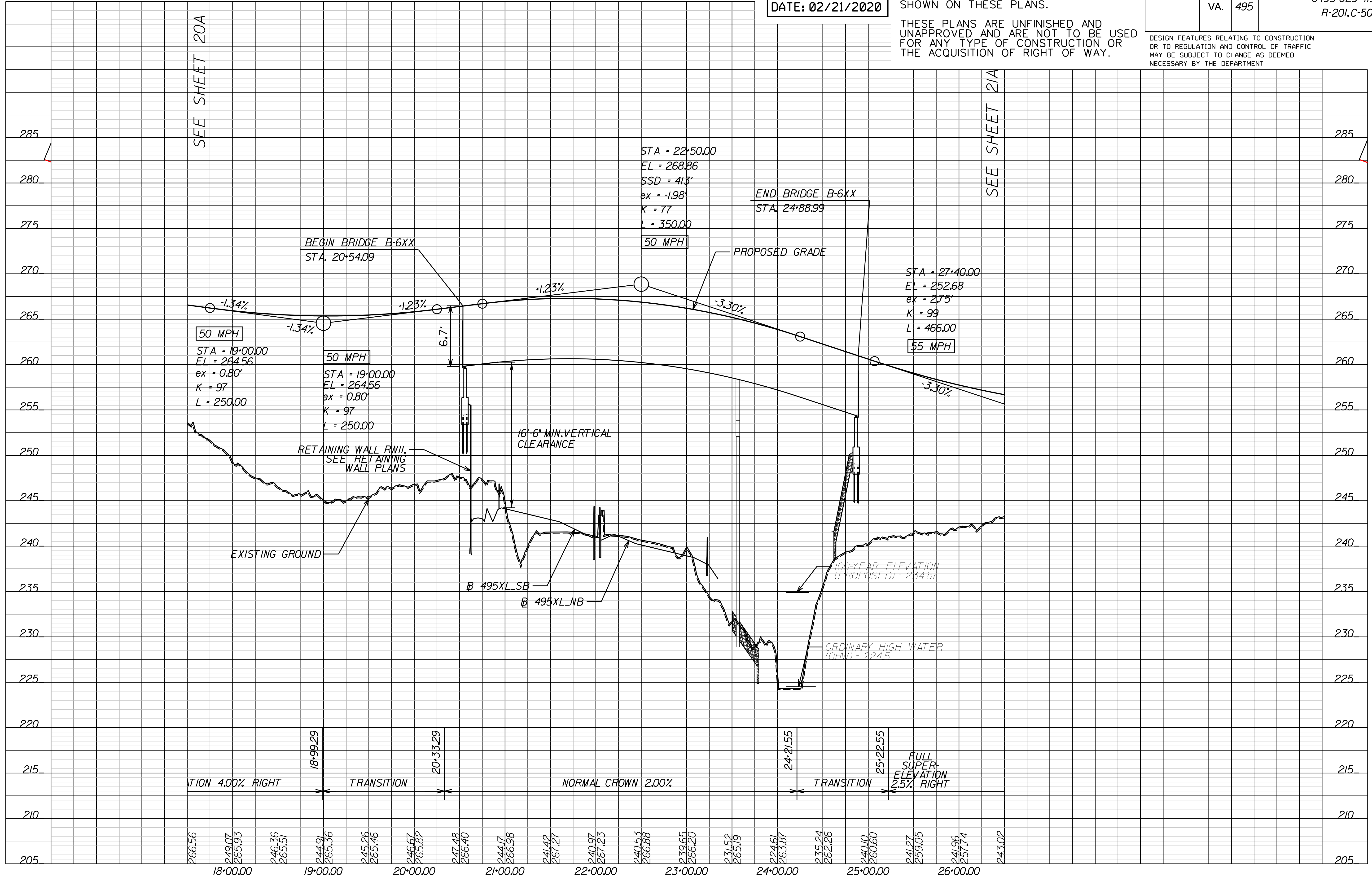
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	8C

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



PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice, Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

LEWINSVILLE TRAIL

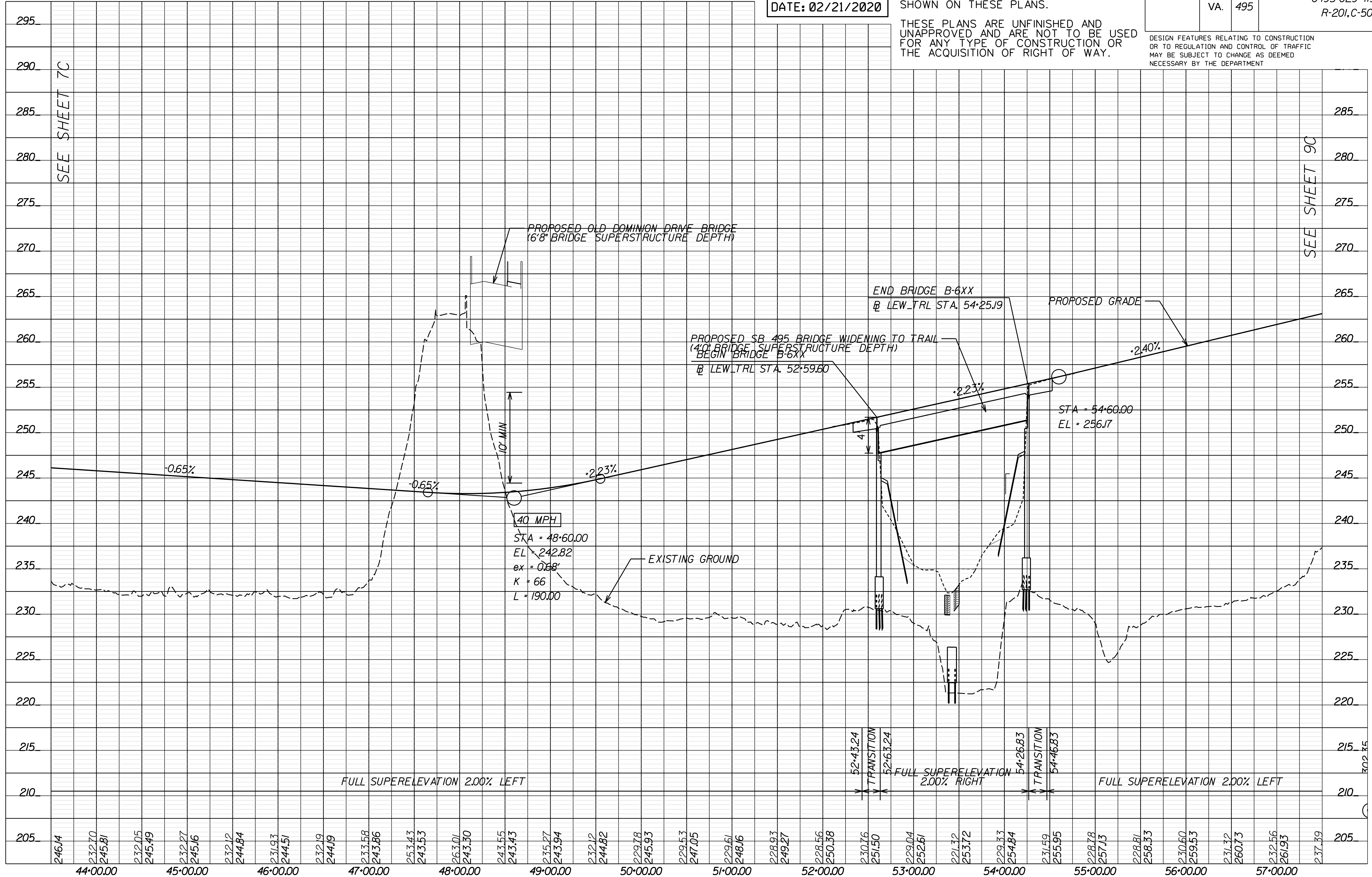
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	8D

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



SEE SHEET 7C

SEE SHEET 9C

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

SCOTTS RUN CONNECTOR TRAIL

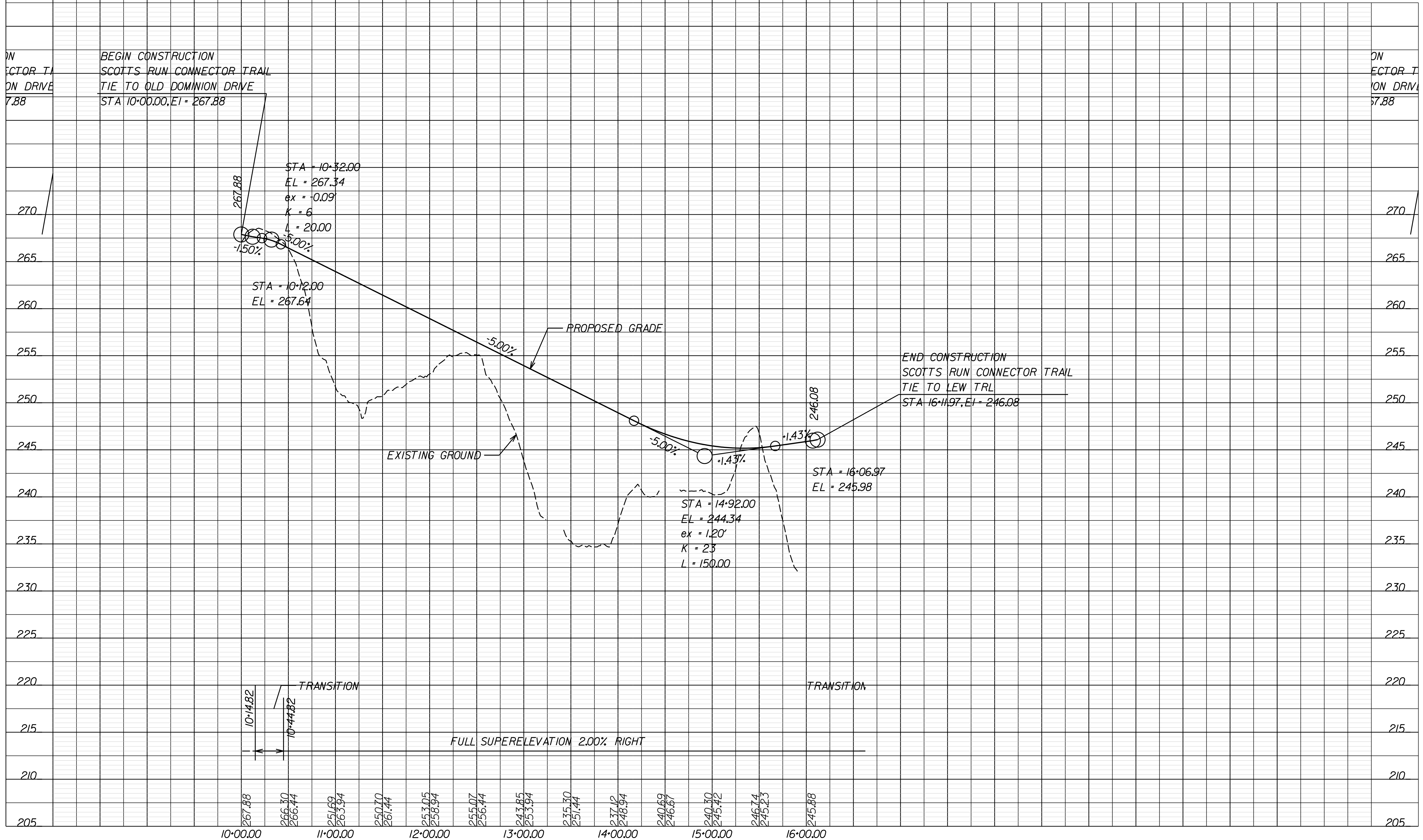
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	8E

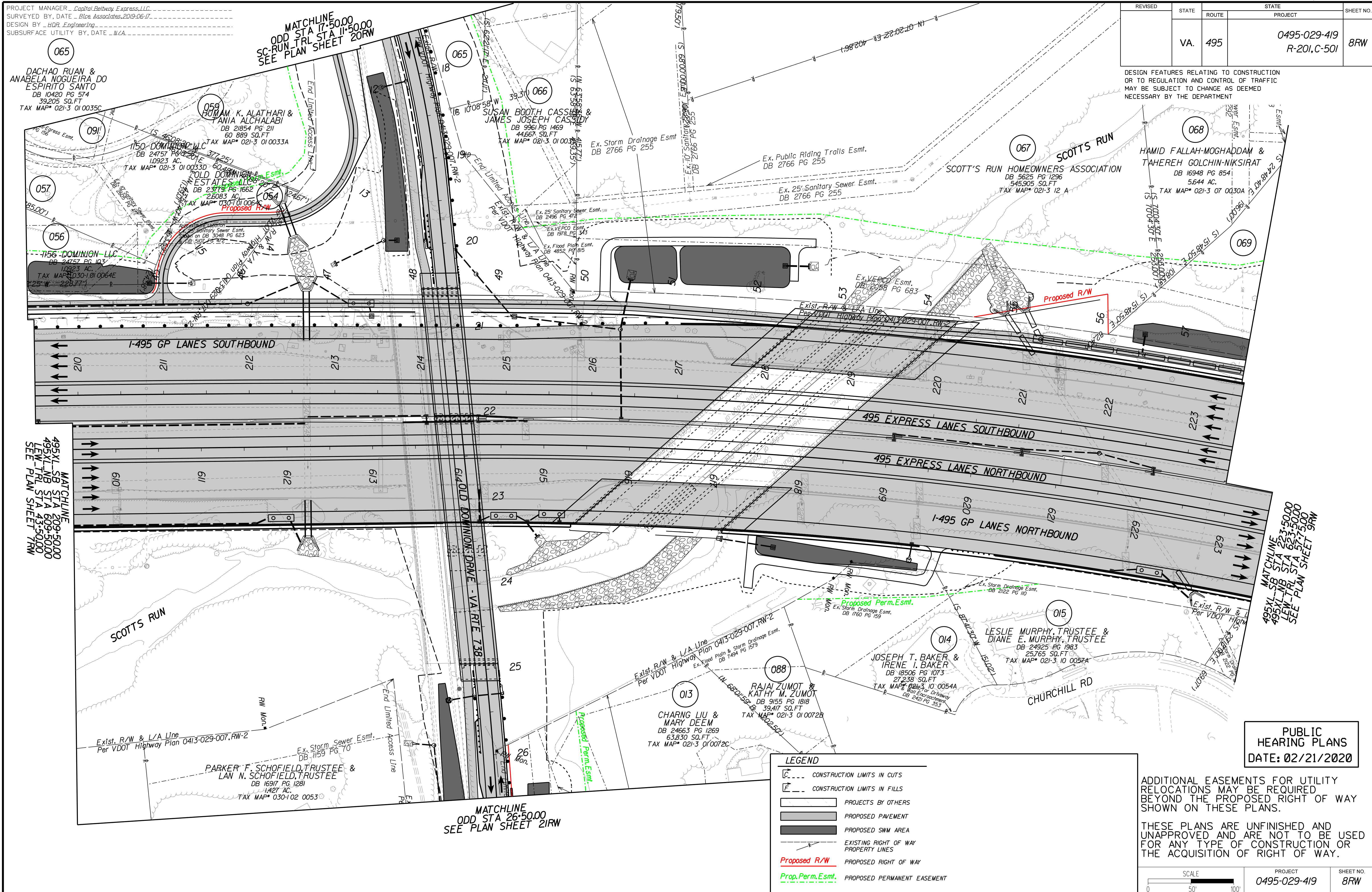
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	8RW

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



PUBLIC HEARING PLANS
DATE: 02/21/2020

LEGEND

	CONSTRUCTION LIMITS IN CUTS
	CONSTRUCTION LIMITS IN FILLS
	PROJECTS BY OTHERS
	PROPOSED PAVEMENT
	PROPOSED SWM AREA
	EXISTING RIGHT OF WAY PROPERTY LINES
	PROPOSED RIGHT OF WAY
	PROPOSED PERMANENT EASEMENT

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

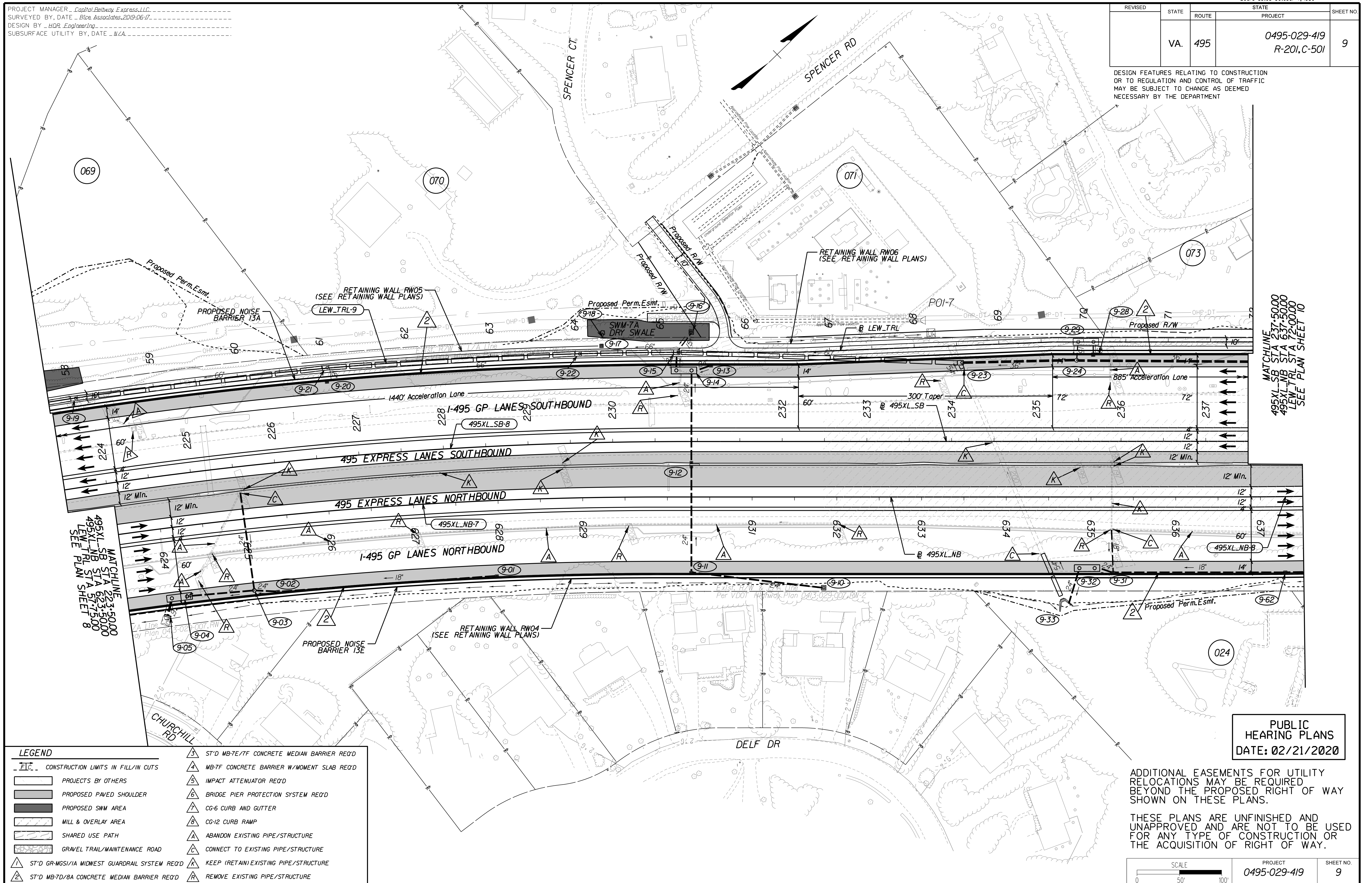
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 8RW
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Btce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	9

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



MATCHLINE
495XL-SB STA 237+50.00
495XL-NB STA 637+50.00
LEW_TRL STA 72+00.00
SEE PLAN SHEET 10

MATCHLINE
495XL-SB STA 223+50.00
495XL-NB STA 572+50.00
LEW_TRL STA 57+50.00
SEE PLAN SHEET 8

LEGEND

	CONSTRUCTION LIMITS IN FILL/IN CUTS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	PROJECTS BY OTHERS		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	PROPOSED PAVED SHOULDER		IMPACT ATTENUATOR REQ'D
	PROPOSED SWM AREA		BRIDGE PIER PROTECTION SYSTEM REQ'D
	MILL & OVERLAY AREA		CG-6 CURB AND GUTTER
	SHARED USE PATH		CG-12 CURB RAMP
	GRAVEL TRAIL/MAINTENANCE ROAD		ABANDON EXISTING PIPE/STRUCTURE
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D		CONNECT TO EXISTING PIPE/STRUCTURE
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D		KEEP (RETAIN) EXISTING PIPE/STRUCTURE
			REMOVE EXISTING PIPE/STRUCTURE

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 9
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

495 EXPRESS LANES NORTHBOUND

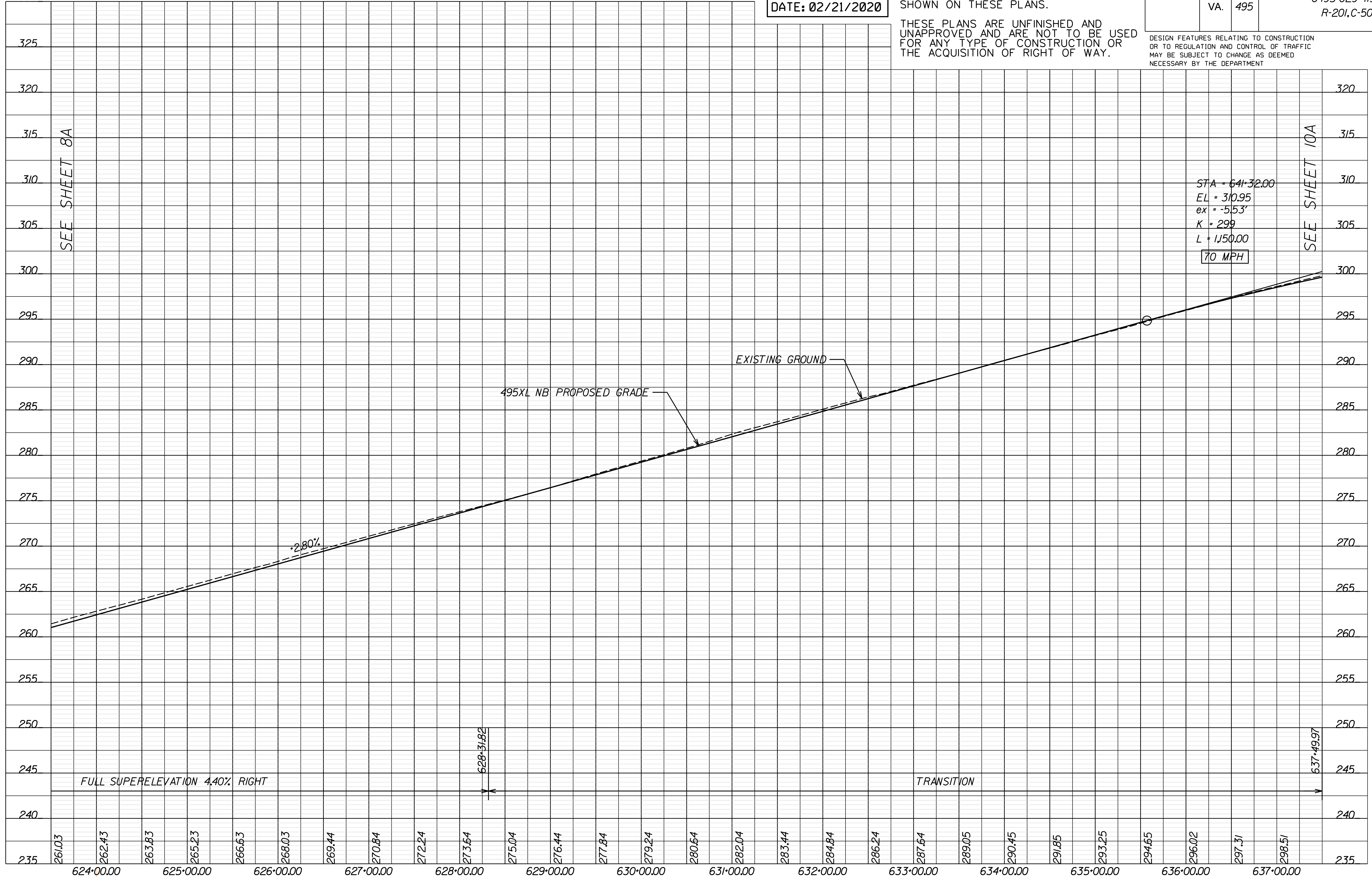
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	9A

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



STA = 641+32.00
EL = 310.95
ex = -5.53'
K = 299
L = 1,150.00
70 MPH

SEE SHEET 8A

SEE SHEET 10A

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

495 EXPRESS LANES SOUTHBOUND

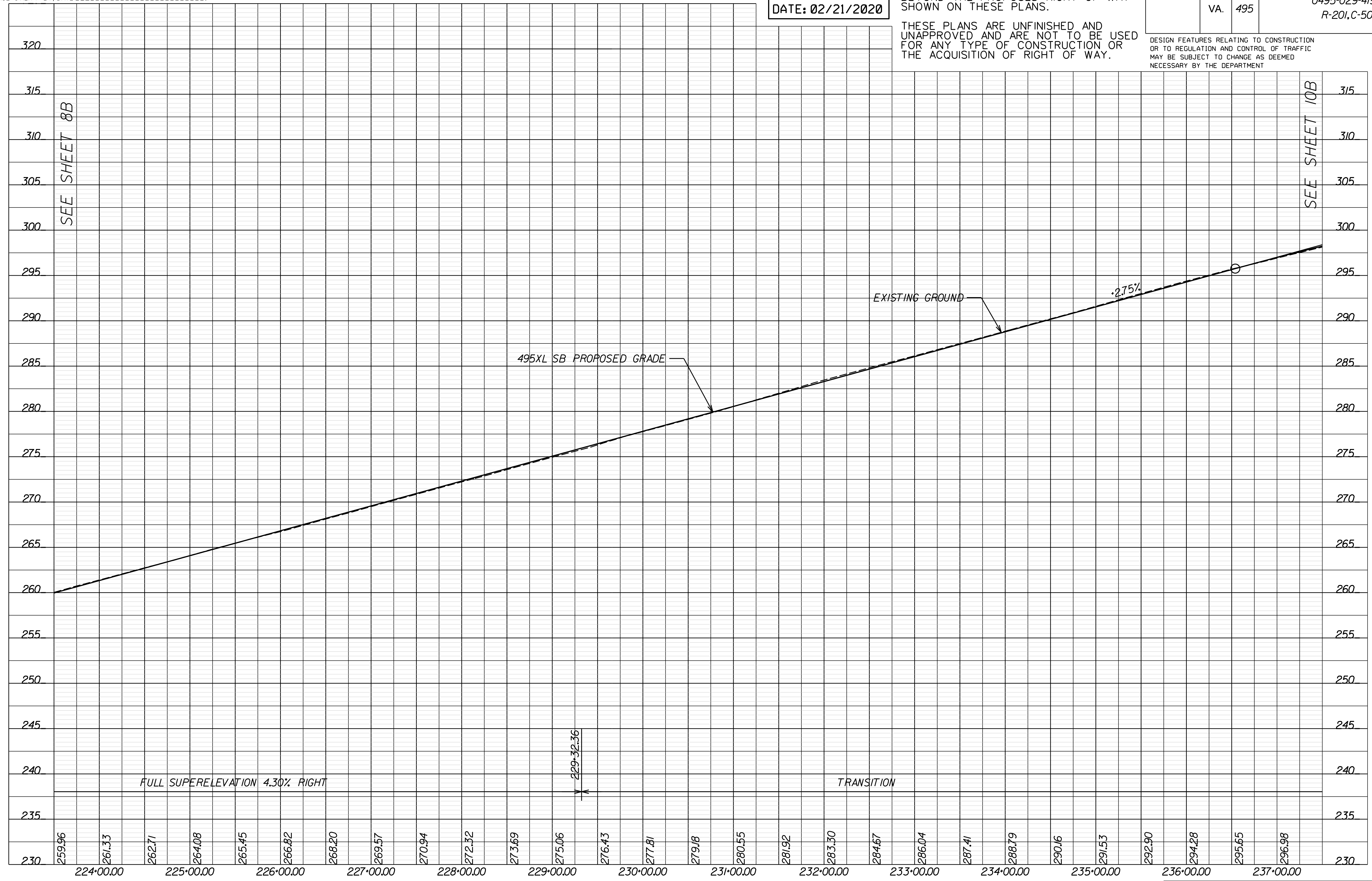
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	9B

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



PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

LEWINSVILLE TRAIL

PUBLIC HEARING PLANS
DATE: 02/21/2020

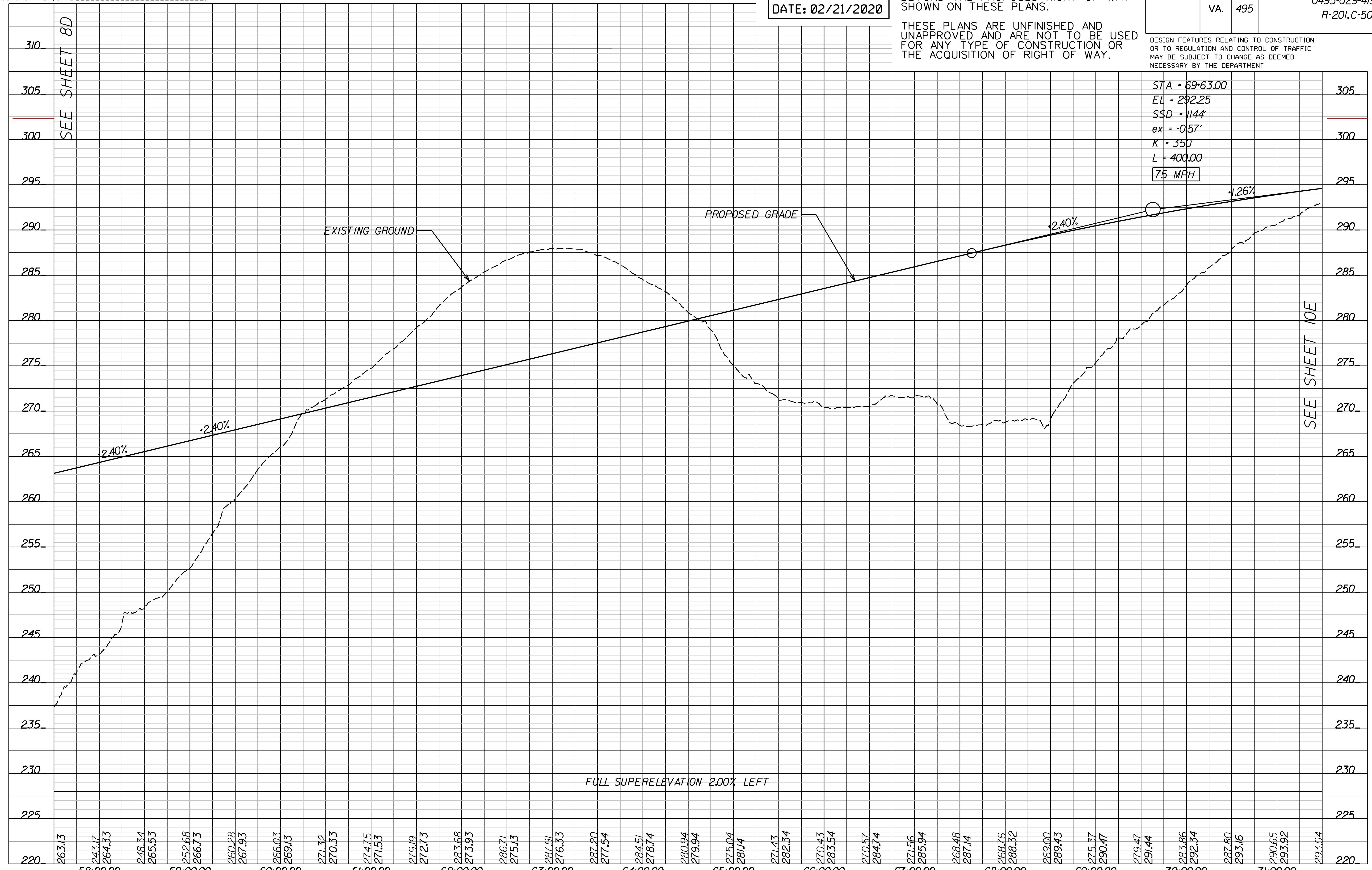
ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	9C

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

STA = 69+63.00	305
EL = 292.25	
SSD = 1144'	
ex = -0.57'	300
K = 350	
L = 400.00	
75 MPH	



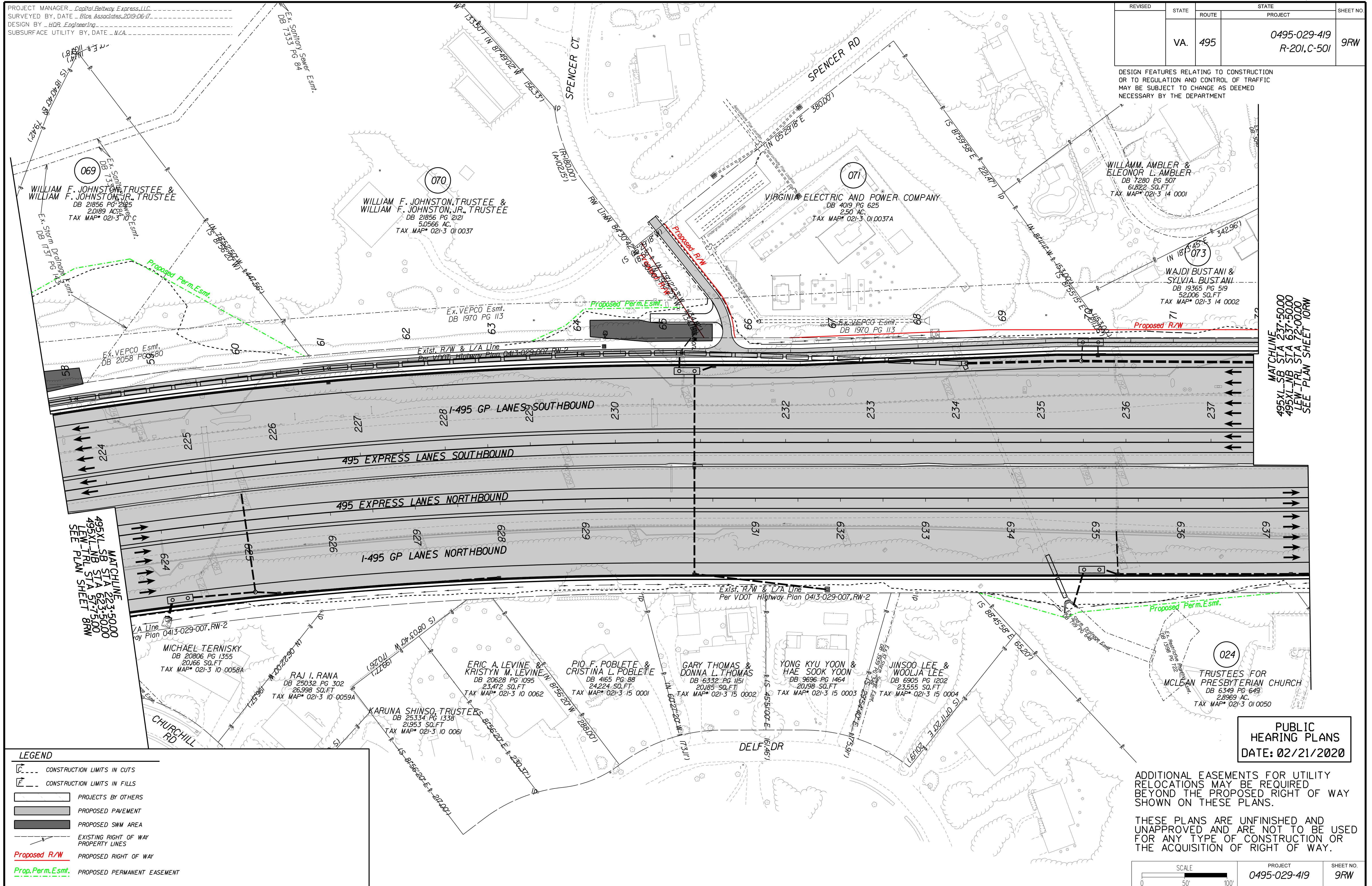
SEE SHEET 8D

SEE SHEET 10E

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	9RW

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



MATCHLINE
495XL-SB STA 237+50.00
495XL-NB STA 637+50.00
LEW-TRL STA 72+00.00
SEE PLAN SHEET 10RW

MATCHLINE
495XL-SB STA 233+50.00
495XL-NB STA 623+50.00
LEW-TRL STA 57+50.00
SEE PLAN SHEET 8RW

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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LEGEND

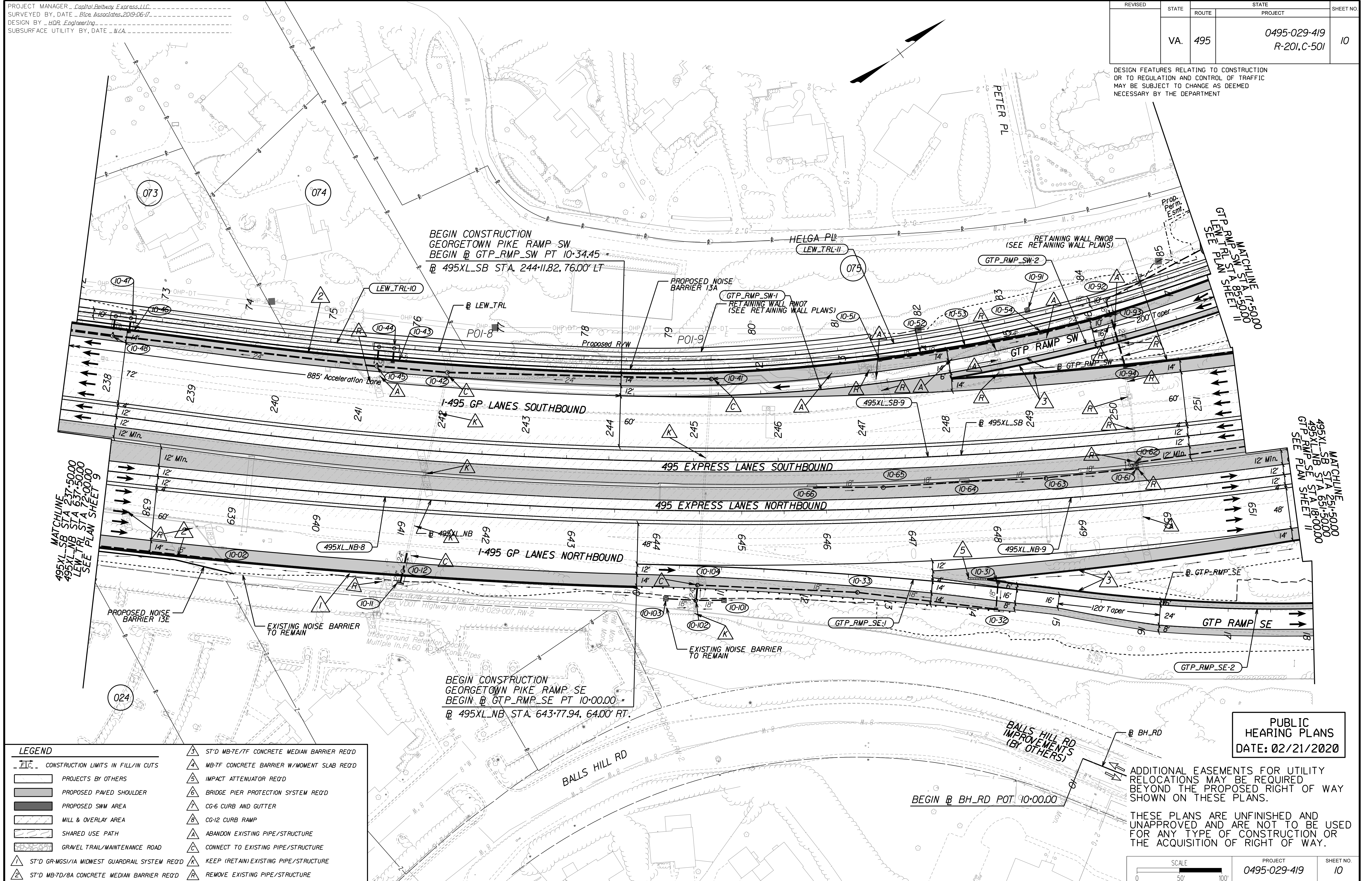
	CONSTRUCTION LIMITS IN CUTS
	CONSTRUCTION LIMITS IN FILLS
	PROJECTS BY OTHERS
	PROPOSED PAVEMENT
	PROPOSED SWM AREA
	EXISTING RIGHT OF WAY PROPERTY LINES
	PROPOSED RIGHT OF WAY
	PROPOSED PERMANENT EASEMENT

SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 9RW
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	10

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



LEGEND

	CONSTRUCTION LIMITS IN FILL/IN CUTS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	PROJECTS BY OTHERS		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	PROPOSED PAVED SHOULDER		IMPACT ATTENUATOR REQ'D
	PROPOSED SWM AREA		BRIDGE PIER PROTECTION SYSTEM REQ'D
	MILL & OVERLAY AREA		CG-6 CURB AND GUTTER
	SHARED USE PATH		CG-12 CURB RAMP
	GRAVEL TRAIL/MAINTENANCE ROAD		ABANDON EXISTING PIPE/STRUCTURE
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D		CONNECT TO EXISTING PIPE/STRUCTURE
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D		KEEP (RETAIN) EXISTING PIPE/STRUCTURE
			REMOVE EXISTING PIPE/STRUCTURE

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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SCALE	PROJECT	SHEET NO.
0 50' 100'	0495-029-419	10

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

495 EXPRESS LANES NORTHBOUND

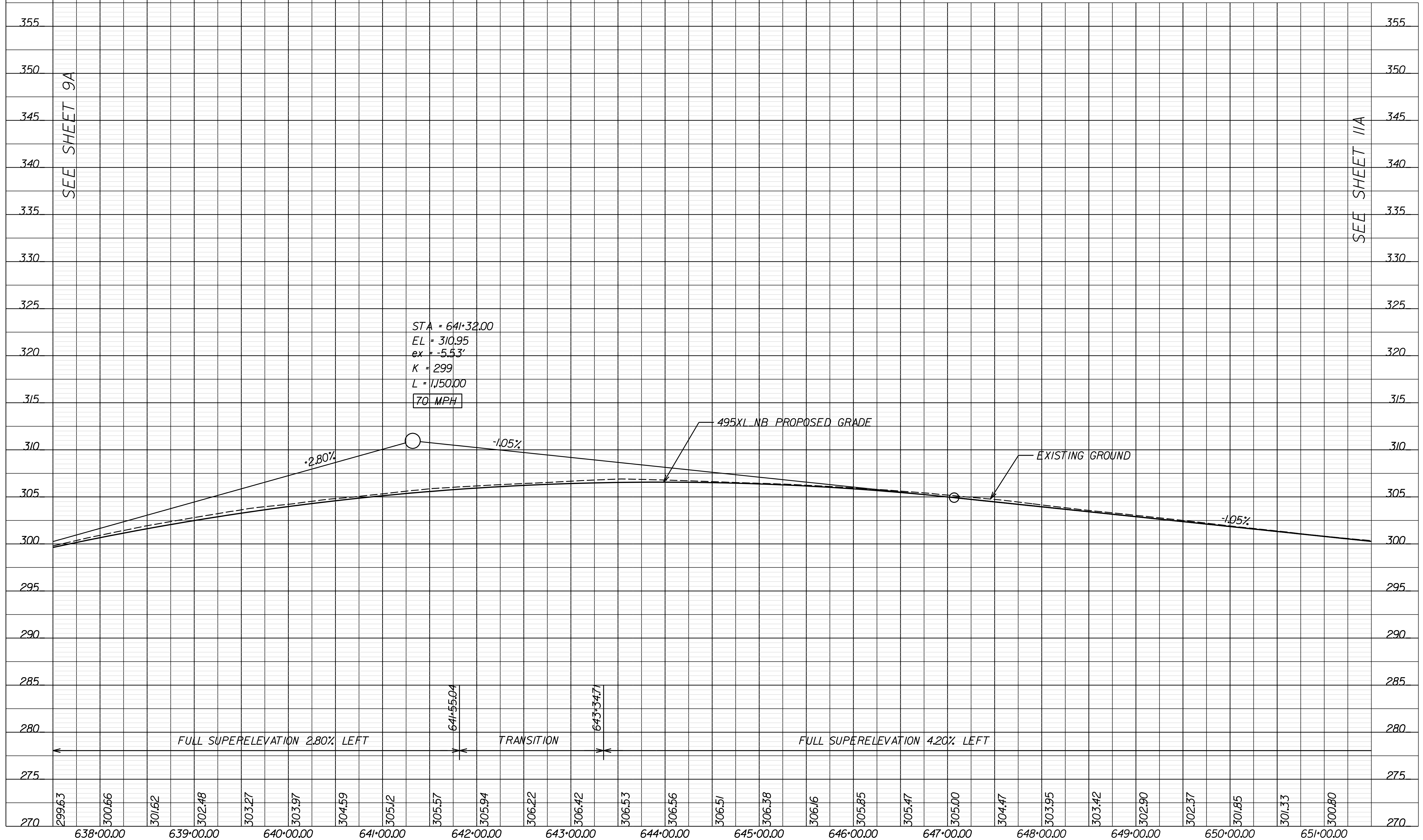
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	10A

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

495 EXPRESS LANES SOUTHBOUND

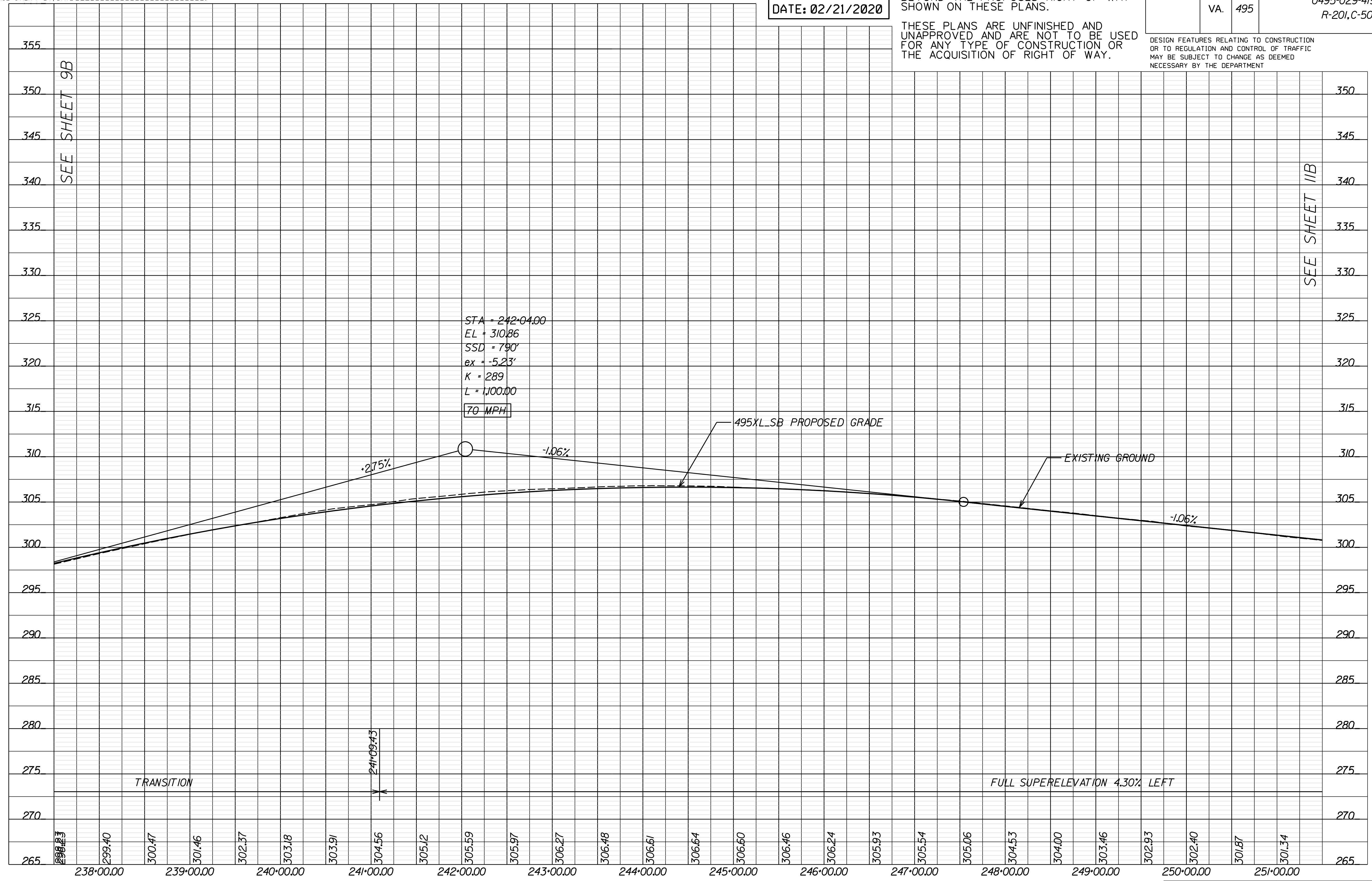
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	10B

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



SEE SHEET 9B

SEE SHEET 10B

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GTP RAMP SE

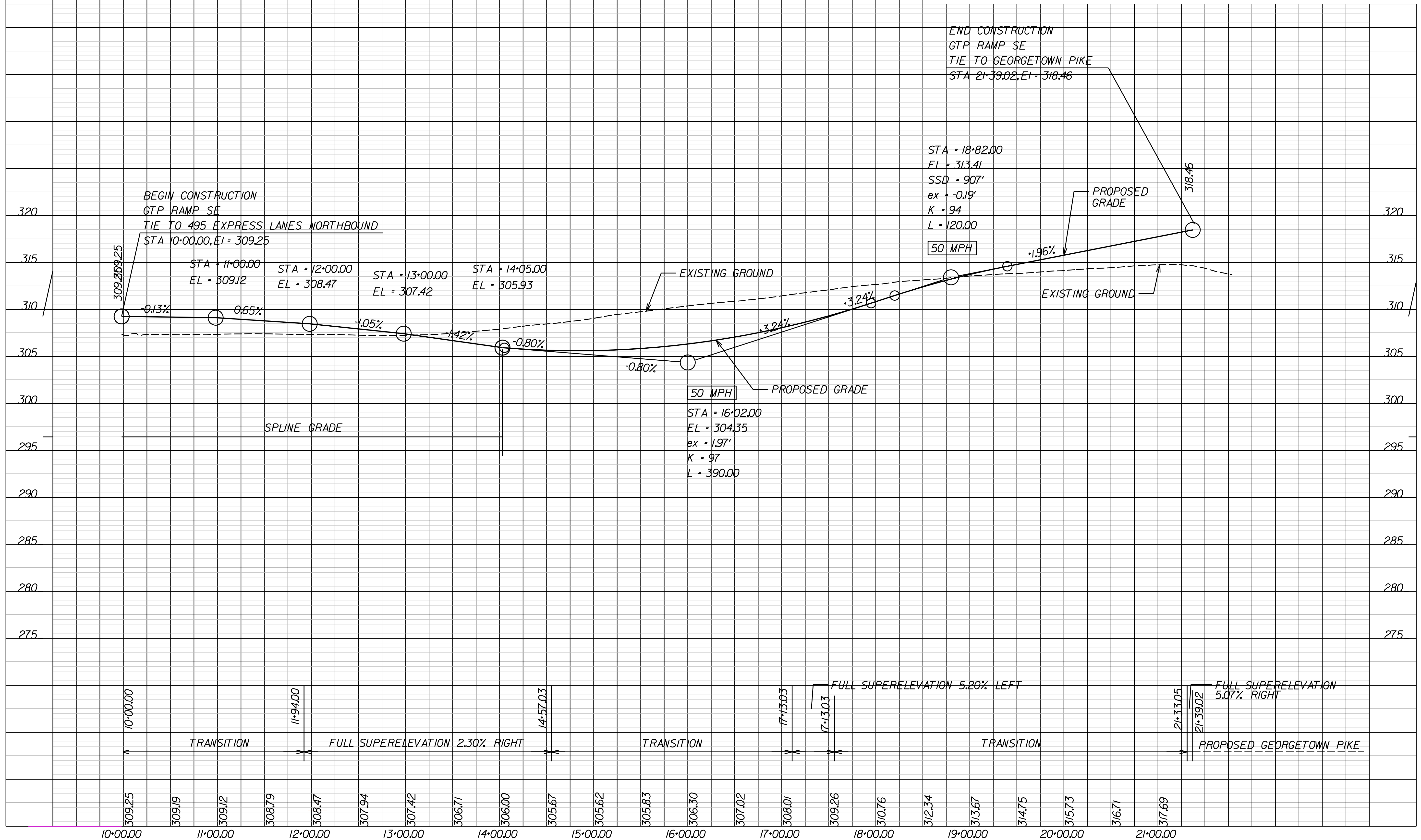
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	10C

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bisce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GTP RAMP SW

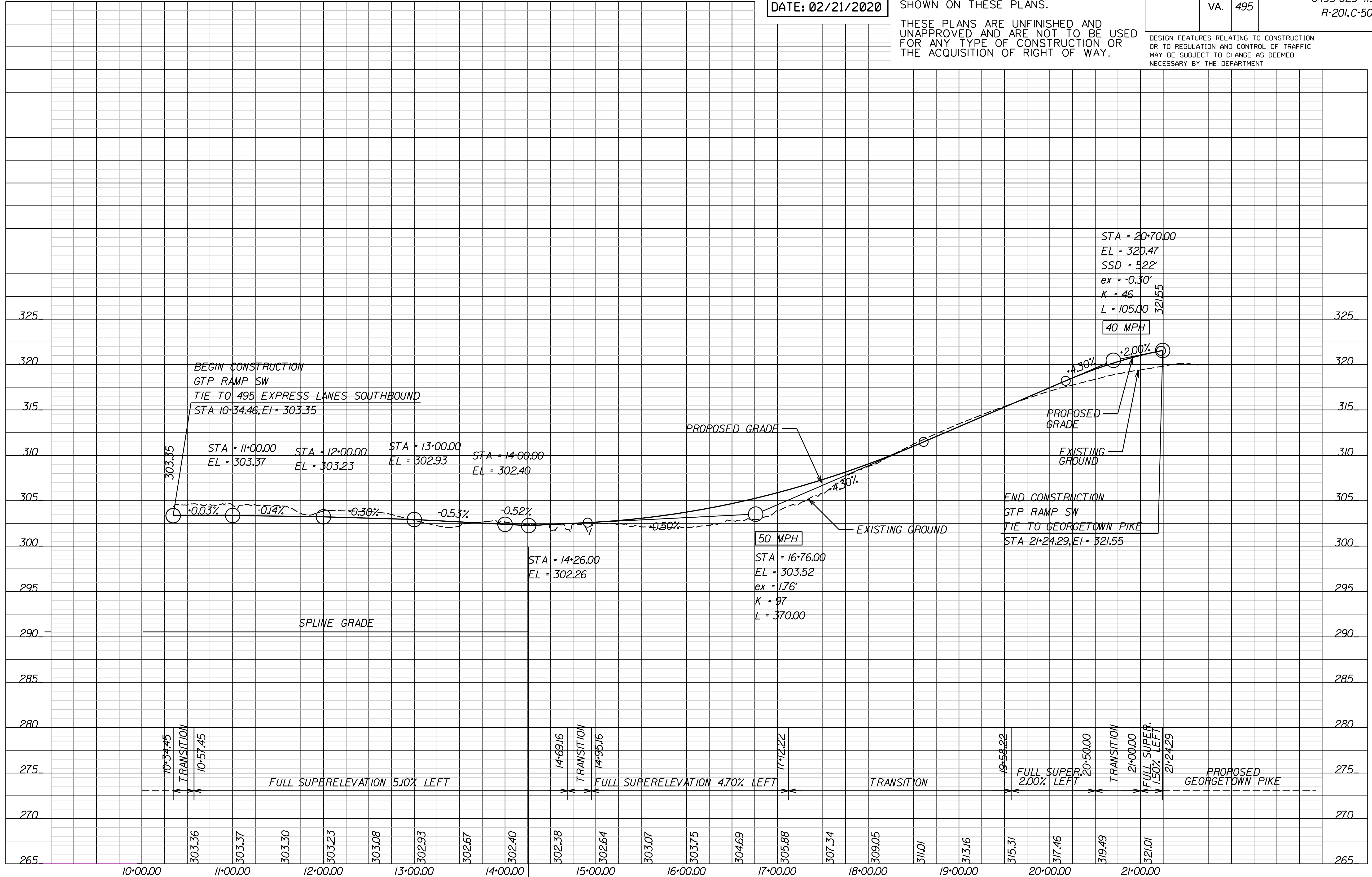
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	10D

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



PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

LEWINSVILLE TRAIL

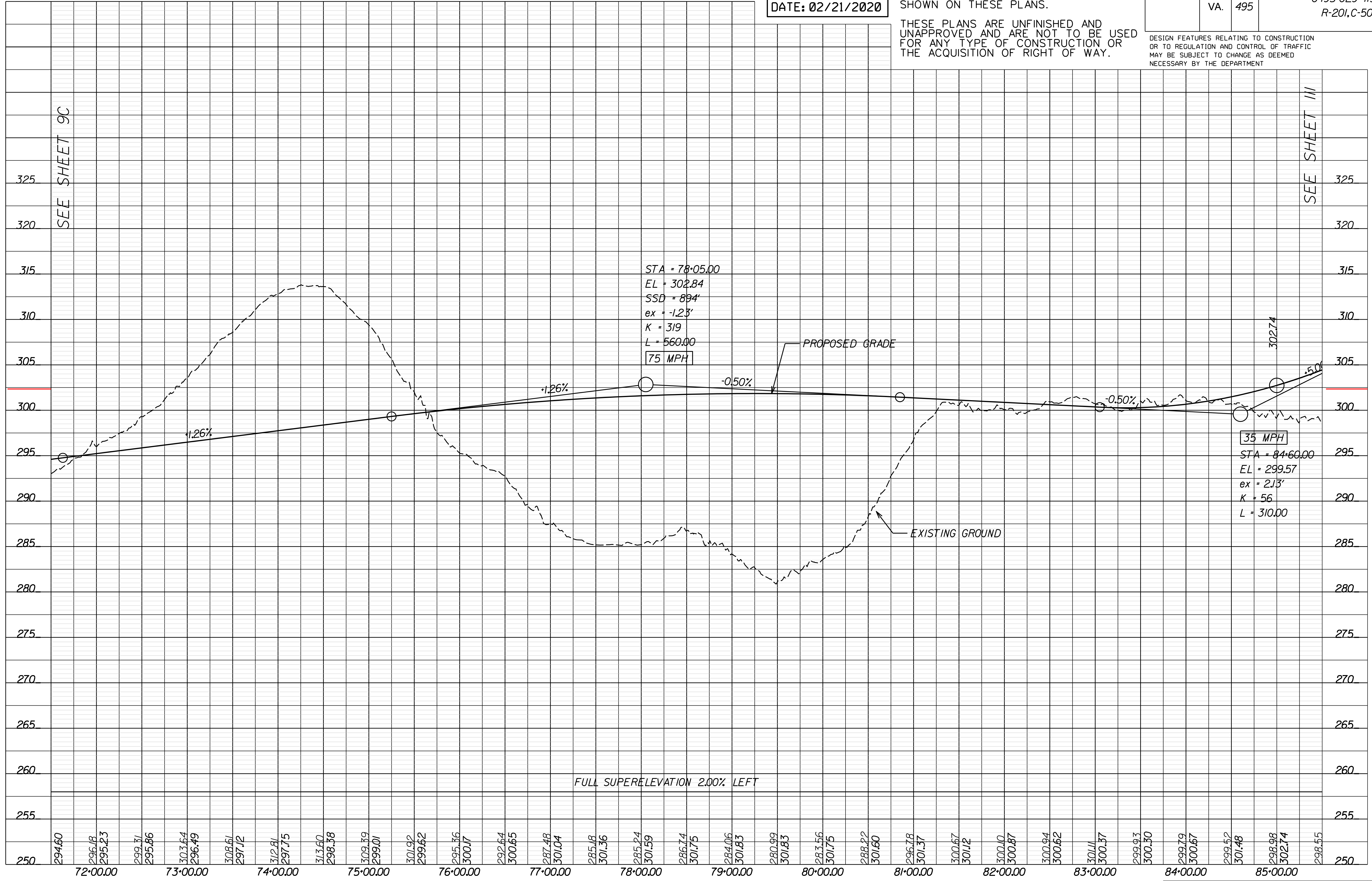
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	10E

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



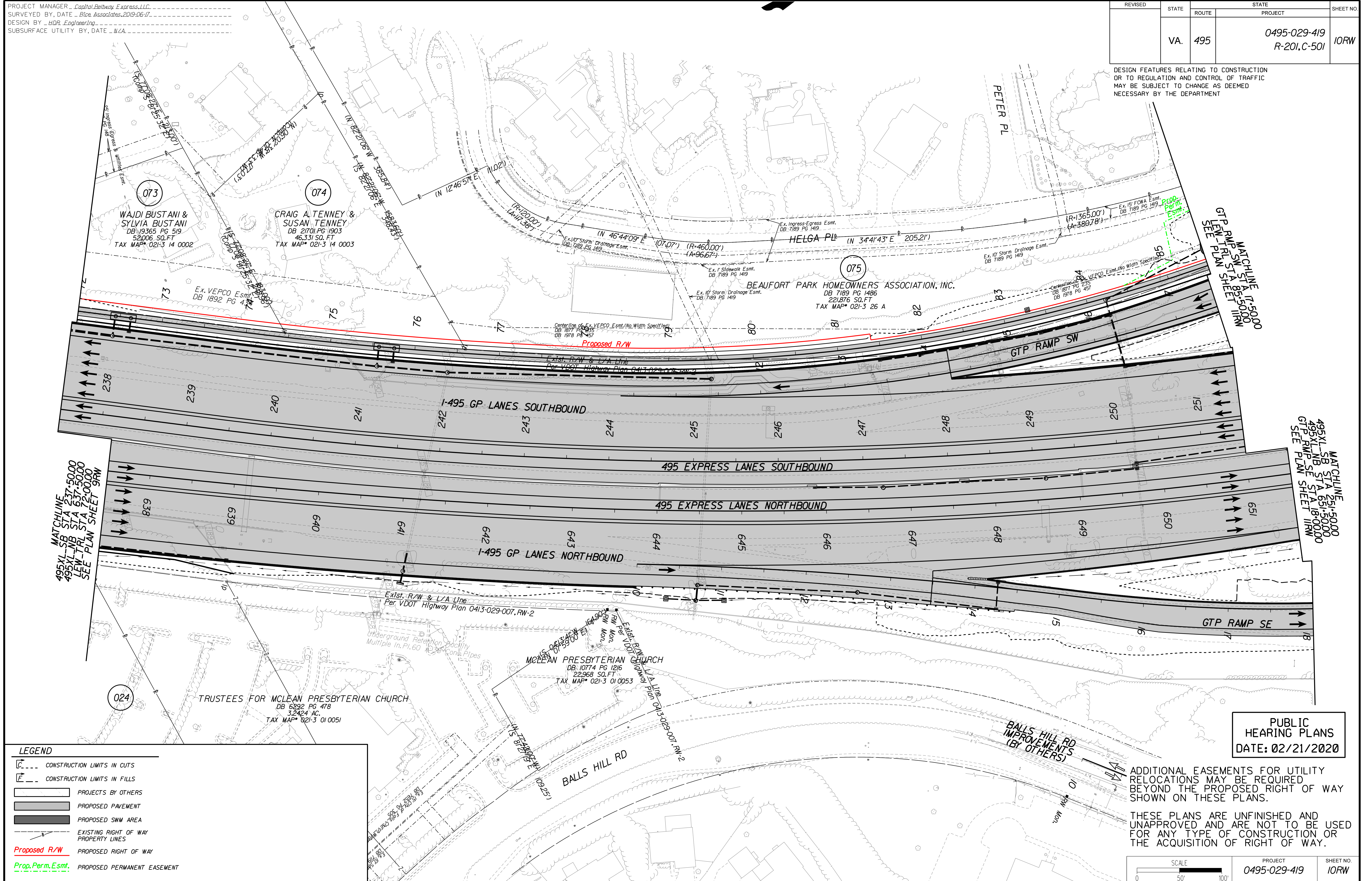
SEE SHEET 9C

SEE SHEET 111

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	10RW

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



LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY PROPERTY LINES
- Proposed R/W PROPOSED RIGHT OF WAY
- Prop. Perm. Esmt. PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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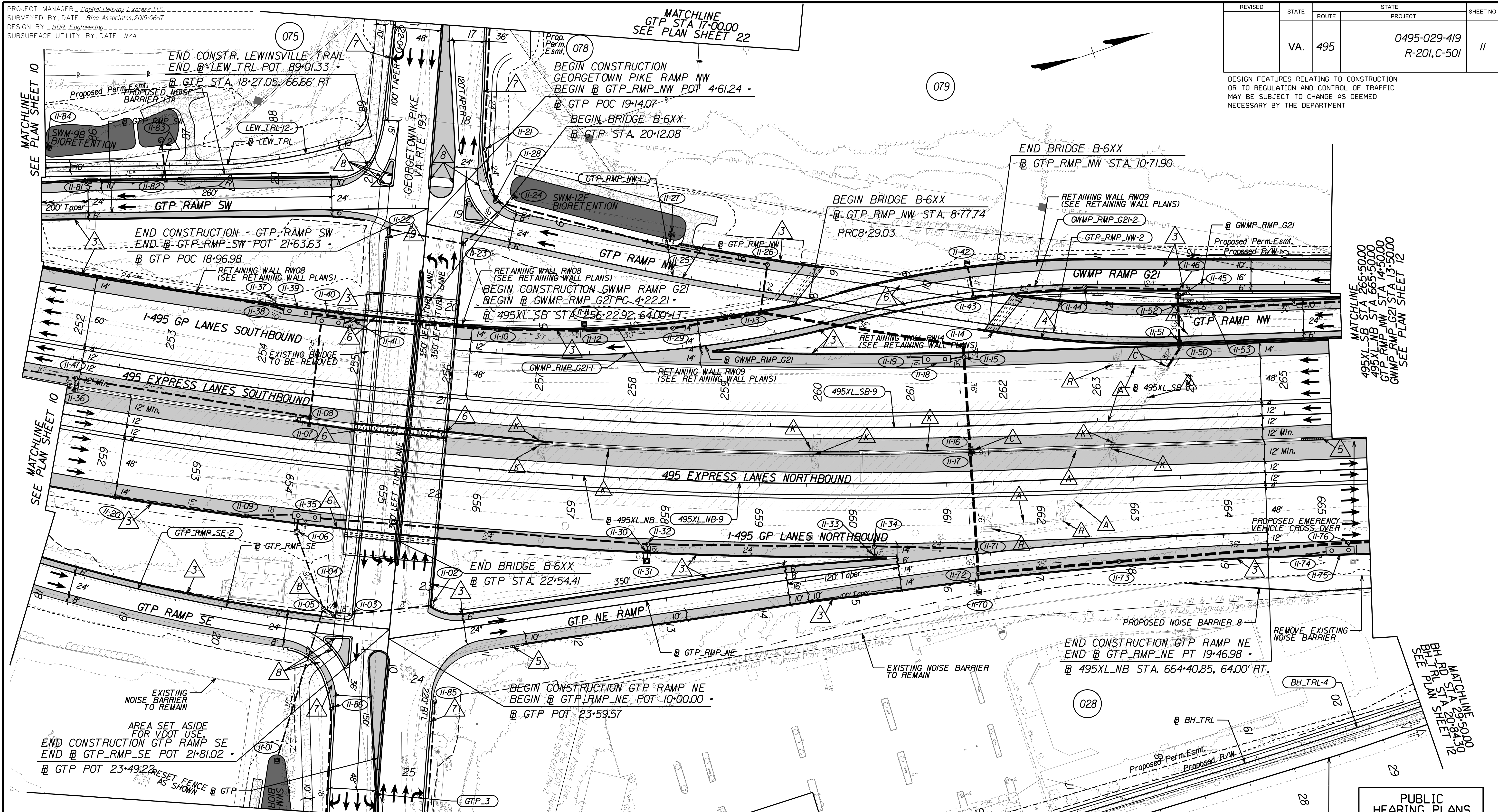
SCALE: 0 50' 100'

PROJECT: 0495-029-419 SHEET NO.: 10RW

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	11

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



LEGEND

	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	CONSTRUCTION LIMITS IN FILL/IN CUTS
	PROJECTS BY OTHERS
	PROPOSED PAVED SHOULDER
	PROPOSED SWM AREA
	MILL & OVERLAY AREA
	SHARED USE PATH
	GRAVEL TRAIL/MAINTENANCE ROAD
	ST'D GR-MGS1/1A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	CG-6 CURB AND GUTTER
	CG-12 CURB RAMP
	ABANDON EXISTING PIPE/STRUCTURE
	CONNECT TO EXISTING PIPE/STRUCTURE
	KEEP (RETAIN) EXISTING PIPE/STRUCTURE
	REMOVE EXISTING PIPE/STRUCTURE

MATCHLINE
GTP STA 25+50.00
SEE PLAN SHEET 23

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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SCALE	PROJECT	SHEET NO.
0 50' 100'	0495-029-419	11

PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

495 EXPRESS LANES NORTHBOUND

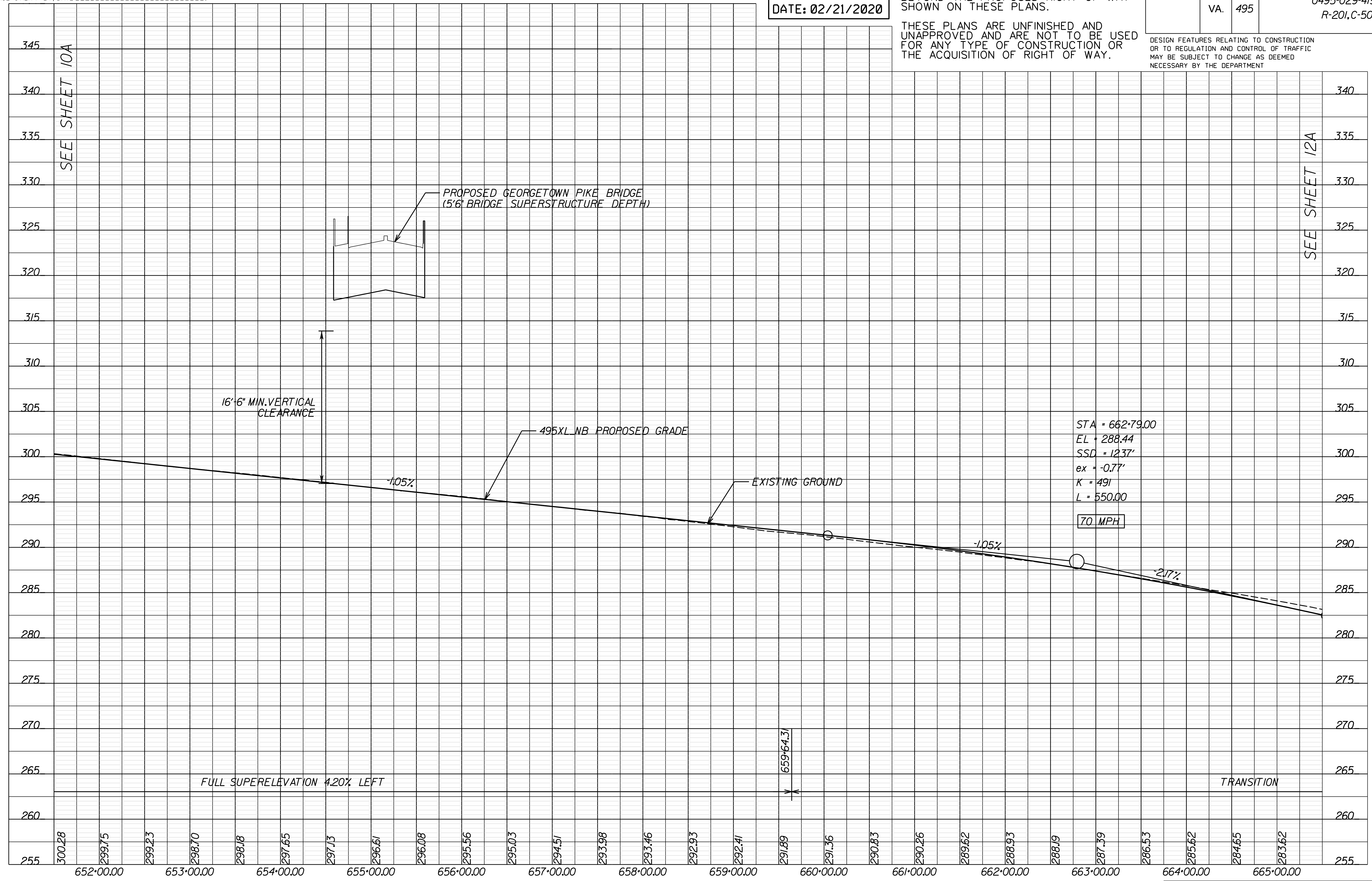
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	11A

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



PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

495 EXPRESS LANES SOUTHBOUND

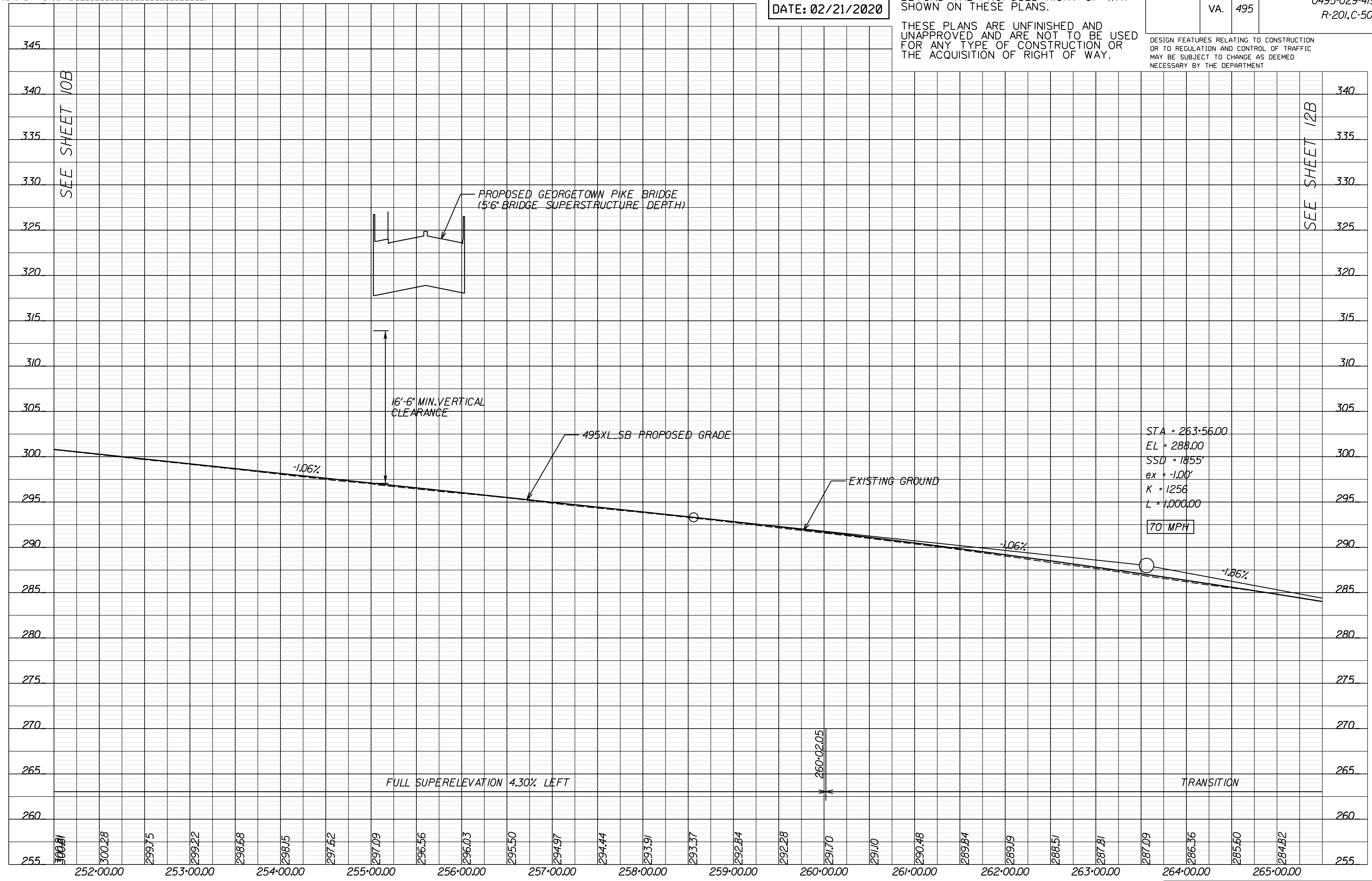
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	11B

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GEORGETOWN PIKE - VA ROUTE 193

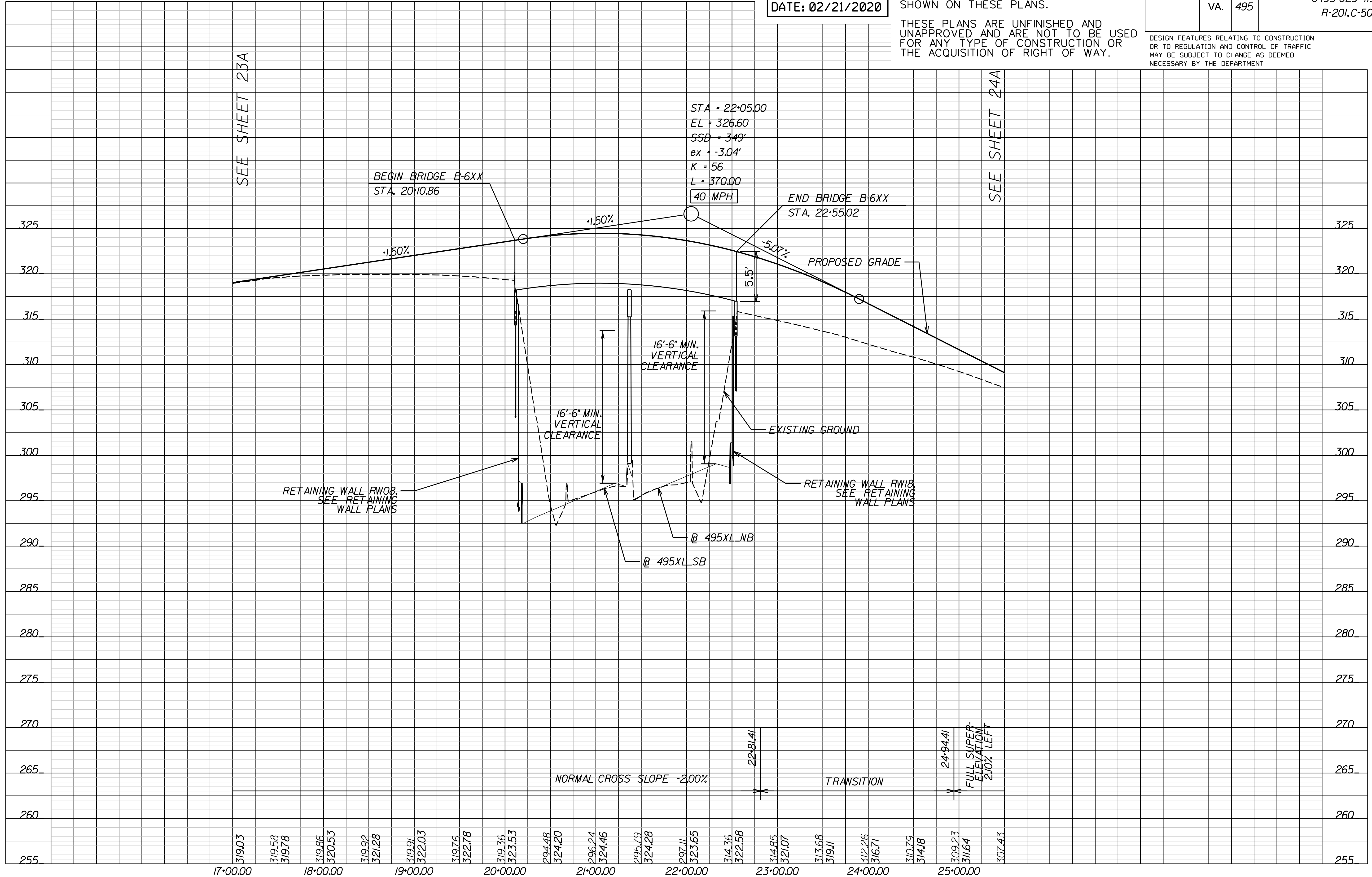
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	11C

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

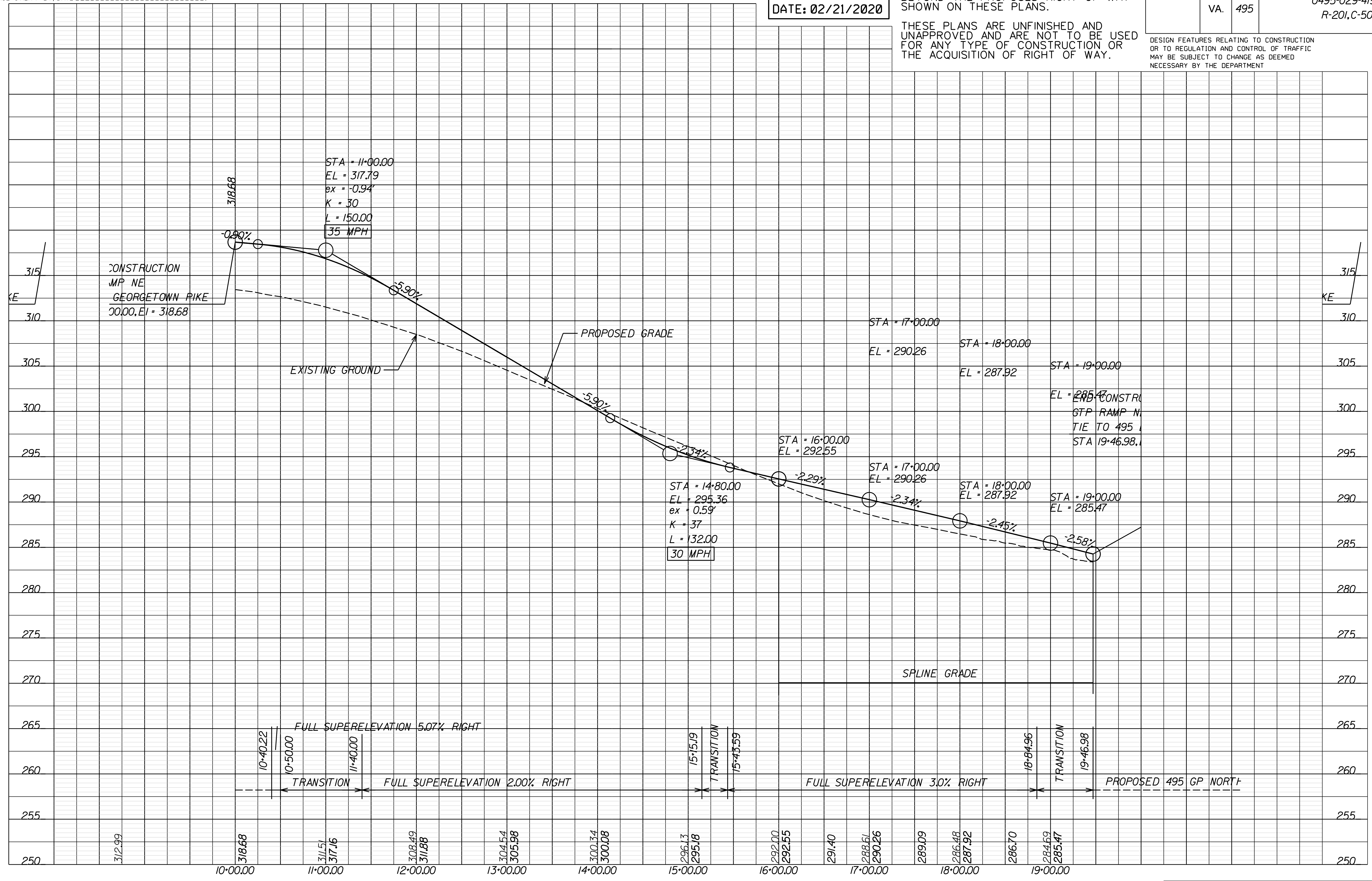
GTP RAMP NE

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	11D

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

GTP RAMP NW

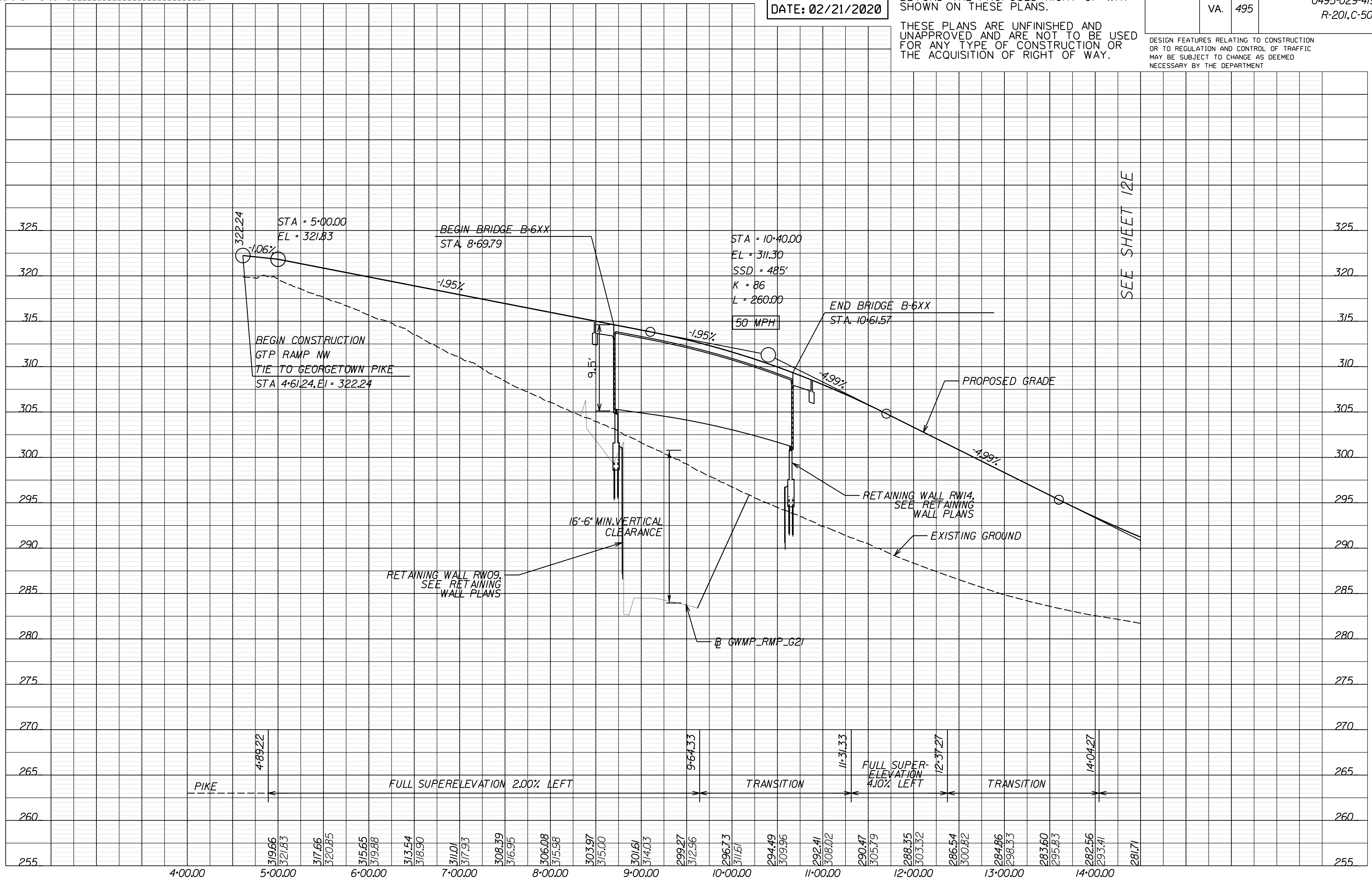
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	11E

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



SEE SHEET 12E

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

BALLS HILL TRAIL

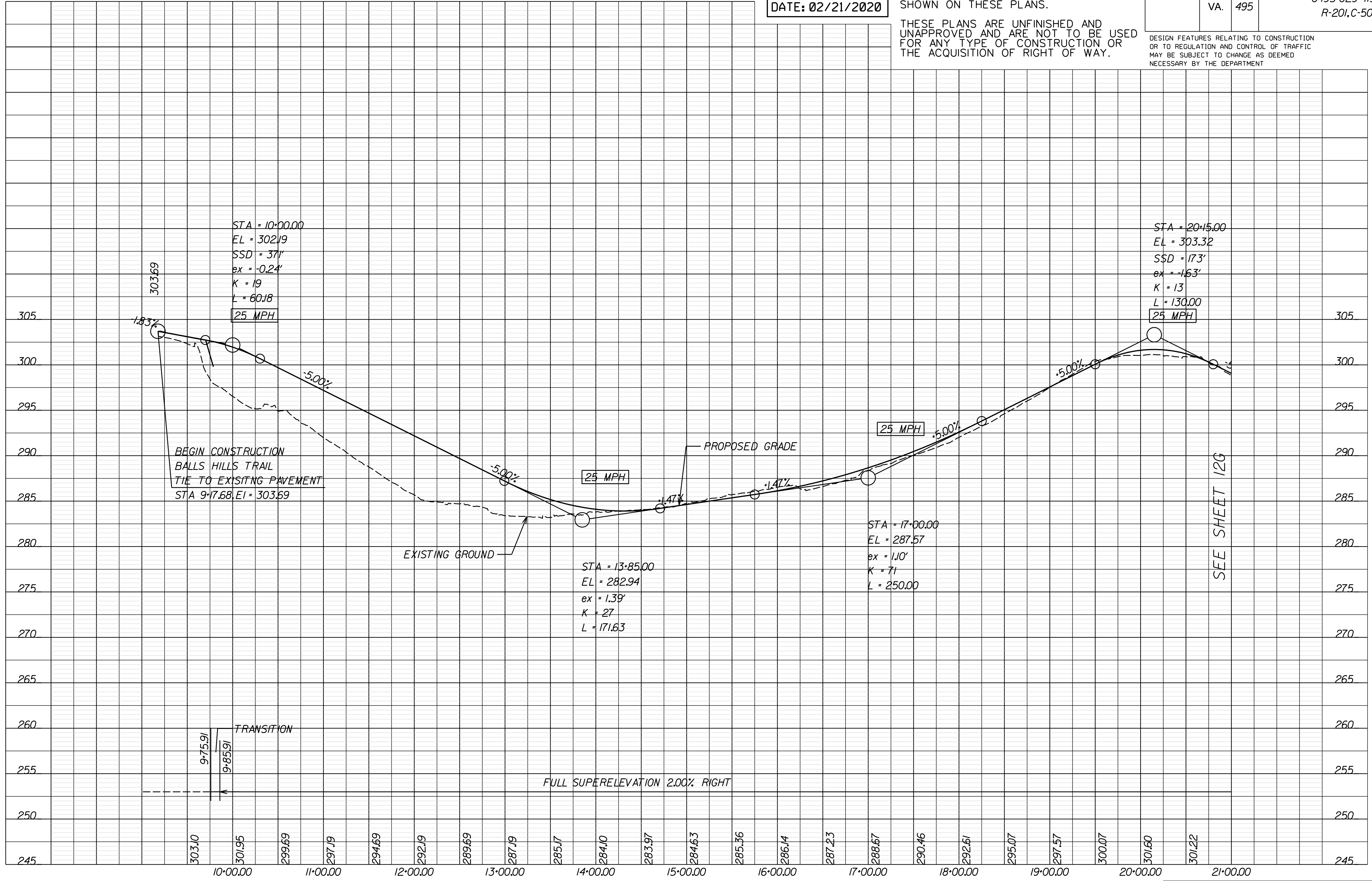
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	11F

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



SEE SHEET 12G

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

LEWINSVILLE TRAIL

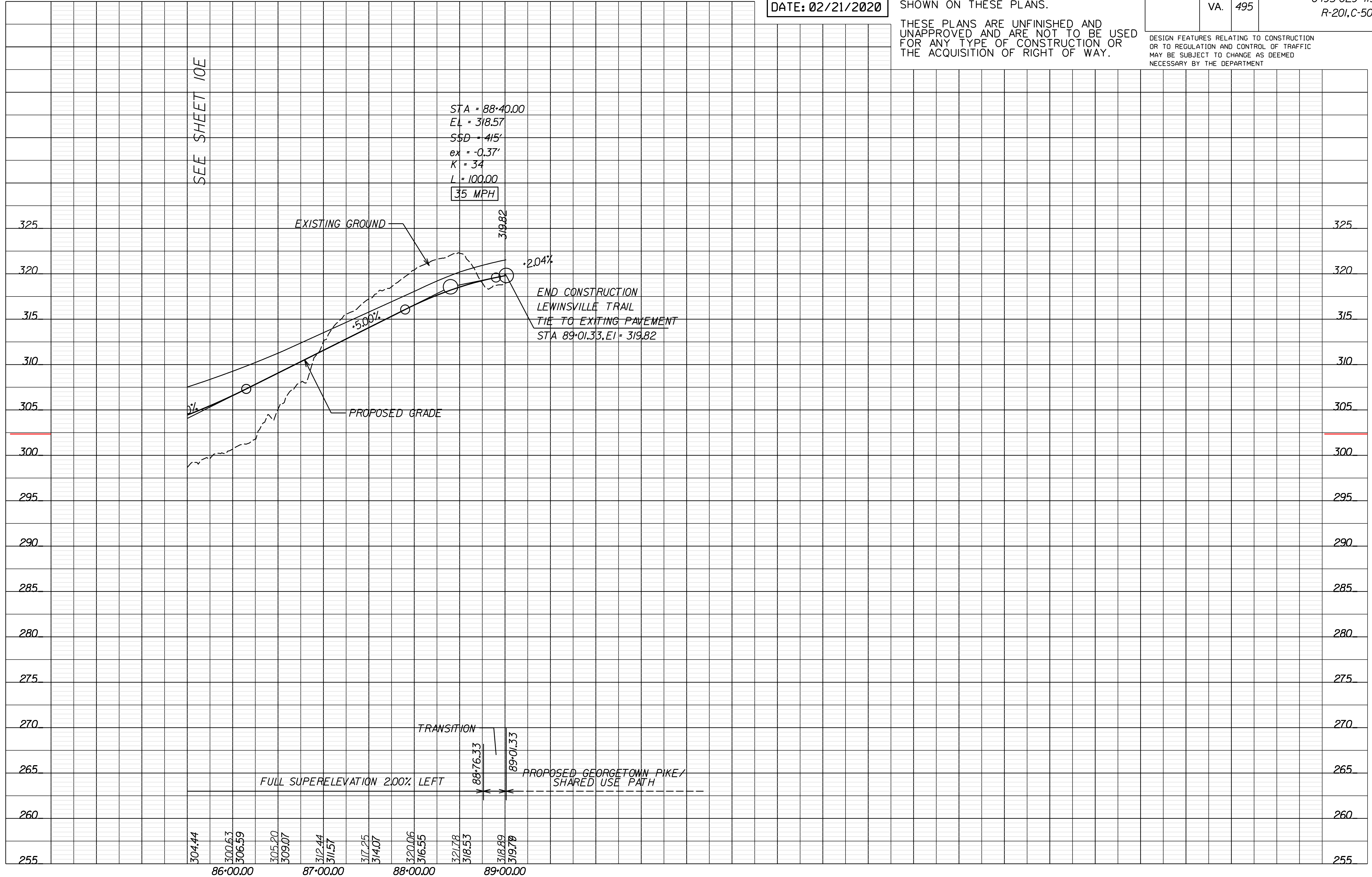
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	11G

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GWMP RAMP G21

PUBLIC HEARING PLANS
DATE: 02/21/2020

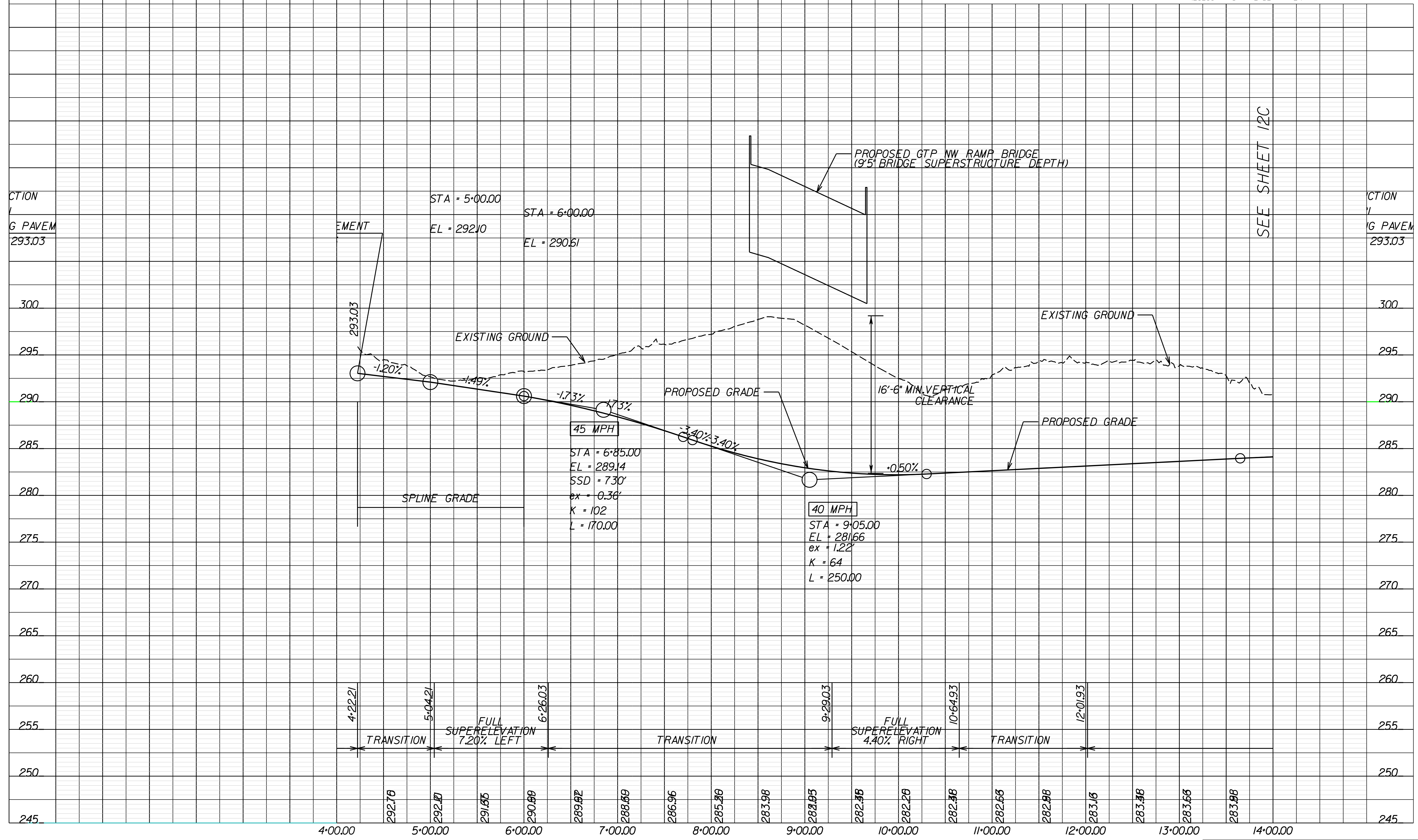
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	11H

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

SEE SHEET 12C



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

BALLS HILL ROAD

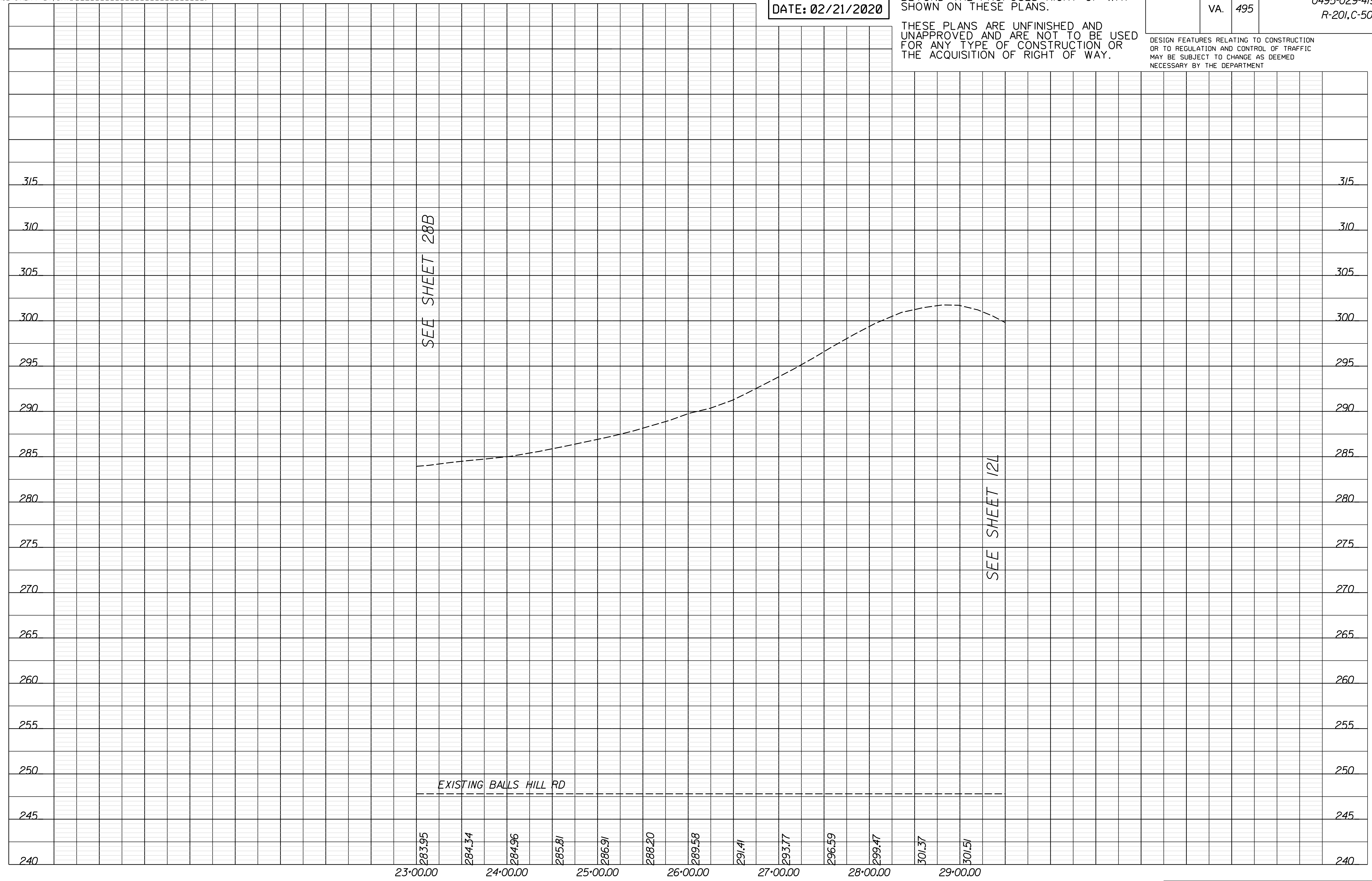
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	11J

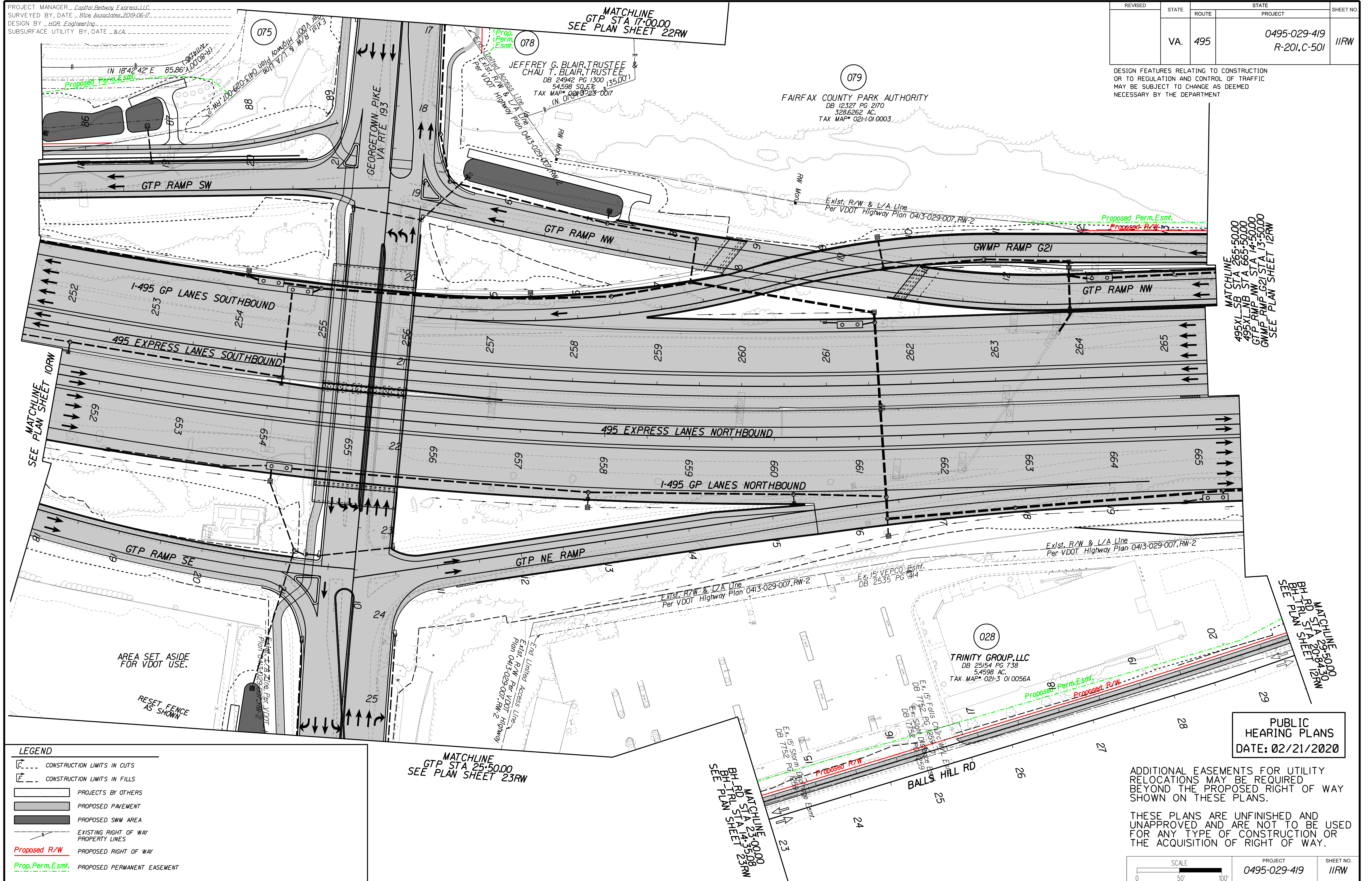
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	IIRW

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



MATCHLINE
495XL SB STA 265+50.00
495XL NB STA 665+50.00
GTP R/W NB STA 14+50.00
GWMP R/W G21 STA 13+50.00
SEE PLAN SHEET 12RW

LEGEND

	CONSTRUCTION LIMITS IN CUTS
	CONSTRUCTION LIMITS IN FILLS
	PROJECTS BY OTHERS
	PROPOSED PAVEMENT
	PROPOSED SWM AREA
	EXISTING RIGHT OF WAY PROPERTY LINES
	PROPOSED RIGHT OF WAY
	PROPOSED PERMANENT EASEMENT

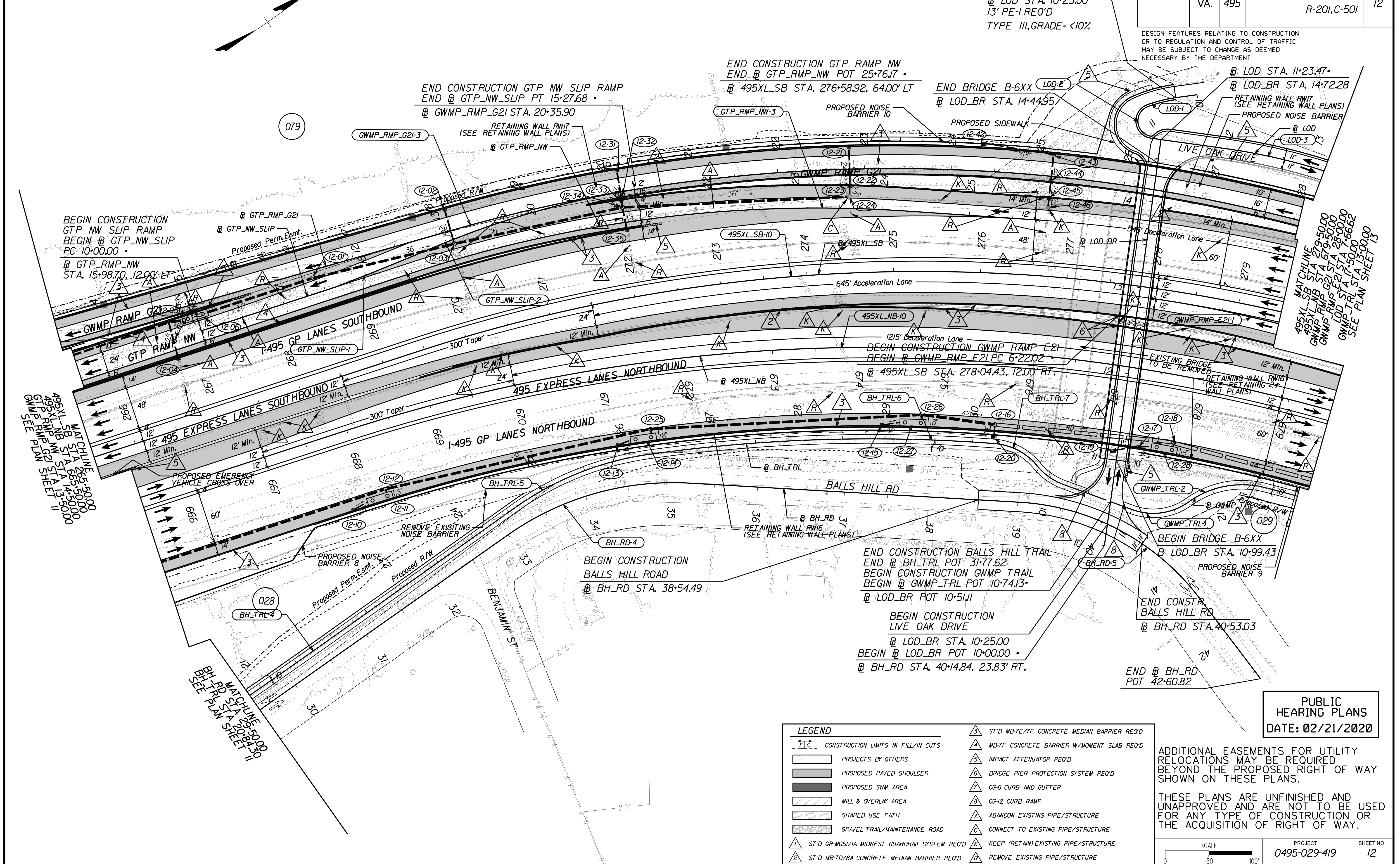
PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. IIRW
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	12



BEGIN CONSTRUCTION
LIVE OAK DRIVE
@ LOD STA. 10+25.00
13' PE-I REQ'D
TYPE III, GRADE = <10%

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

BEGIN CONSTRUCTION
GTP NW SLIP RAMP
BEGIN @ GTP_NW_SLIP
PC 10+00.00
@ GTP_RMP_NW
STA. 15+98.70, 12.00' ET

END CONSTRUCTION GTP NW SLIP RAMP
END @ GTP_NW_SLIP PT 15+27.68
@ GWMP_RMP_G21 STA. 20+35.90

END CONSTRUCTION GTP RAMP NW
END @ GTP_RMP_NW POT 25+76.17
@ 495XL_SB STA. 276+58.92, 64.00' LT

END BRIDGE B-6XX
@ LOD_BR STA. 14+44.95

@ LOD STA. 11+23.47
@ LOD_BR STA. 14+72.28

MATCHLINE
495XL_SB STA 279+50.00
495XL_LNB STA 679+50.00
GWMP_RMP_G21 STA 28+00.00
GWMP_RMP_E21 STA 7+66.62
GWMP_TRL STA 17+50.00
SEE PLAN SHEET 13

MATCHLINE
495XL_SB STA 265+50.00
495XL_LNB STA 665+50.00
GTP_RMP_NW STA 15+50.00
GTP_RMP_G21 STA 15+50.00
SEE PLAN SHEET 11

MATCHLINE
BH_RD STA 39+50.00
BH_TRL STA 20+25+30
SEE PLAN SHEET 11

BEGIN CONSTRUCTION
BALLS HILL ROAD
@ BH_RD STA. 38+54.49

END CONSTRUCTION BALLS HILL TRAIL
END @ BH_TRL POT 31+77.62
BEGIN CONSTRUCTION GWMP TRAIL
BEGIN @ GWMP_TRL POT 10+74.13
@ LOD_BR POT 10+51.11

BEGIN CONSTRUCTION
LIVE OAK DRIVE
@ LOD_BR STA. 10+25.00
BEGIN @ LOD_BR POT 10+00.00
@ BH_RD STA. 40+14.84, 23.83' RT.

BEGIN BRIDGE B-6XX
@ LOD_BR STA. 10+99.43

END CONSTRUCTION
BALLS HILL RD
@ BH_RD STA. 40+53.03

END @ BH_RD
POT 42+60.82

LEGEND

	CONSTRUCTION LIMITS IN FILL/IN CUTS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	PROJECTS BY OTHERS		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	PROPOSED PAVED SHOULDER		IMPACT ATTENUATOR REQ'D
	PROPOSED SWM AREA		BRIDGE PIER PROTECTION SYSTEM REQ'D
	MILL & OVERLAY AREA		CG-6 CURB AND GUTTER
	SHARED USE PATH		CG-12 CURB RAMP
	GRAVEL TRAIL/MAINTENANCE ROAD		ABANDON EXISTING PIPE/STRUCTURE
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D		CONNECT TO EXISTING PIPE/STRUCTURE
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D		KEEP (RETAIN) EXISTING PIPE/STRUCTURE
			REMOVE EXISTING PIPE/STRUCTURE

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PUBLIC HEARING PLANS
DATE: 02/21/2020

SCALE 0 50' 100'

PROJECT	0495-029-419	SHEET NO.	12
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PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Rice Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

495 EXPRESS LANES NORTHBOUND

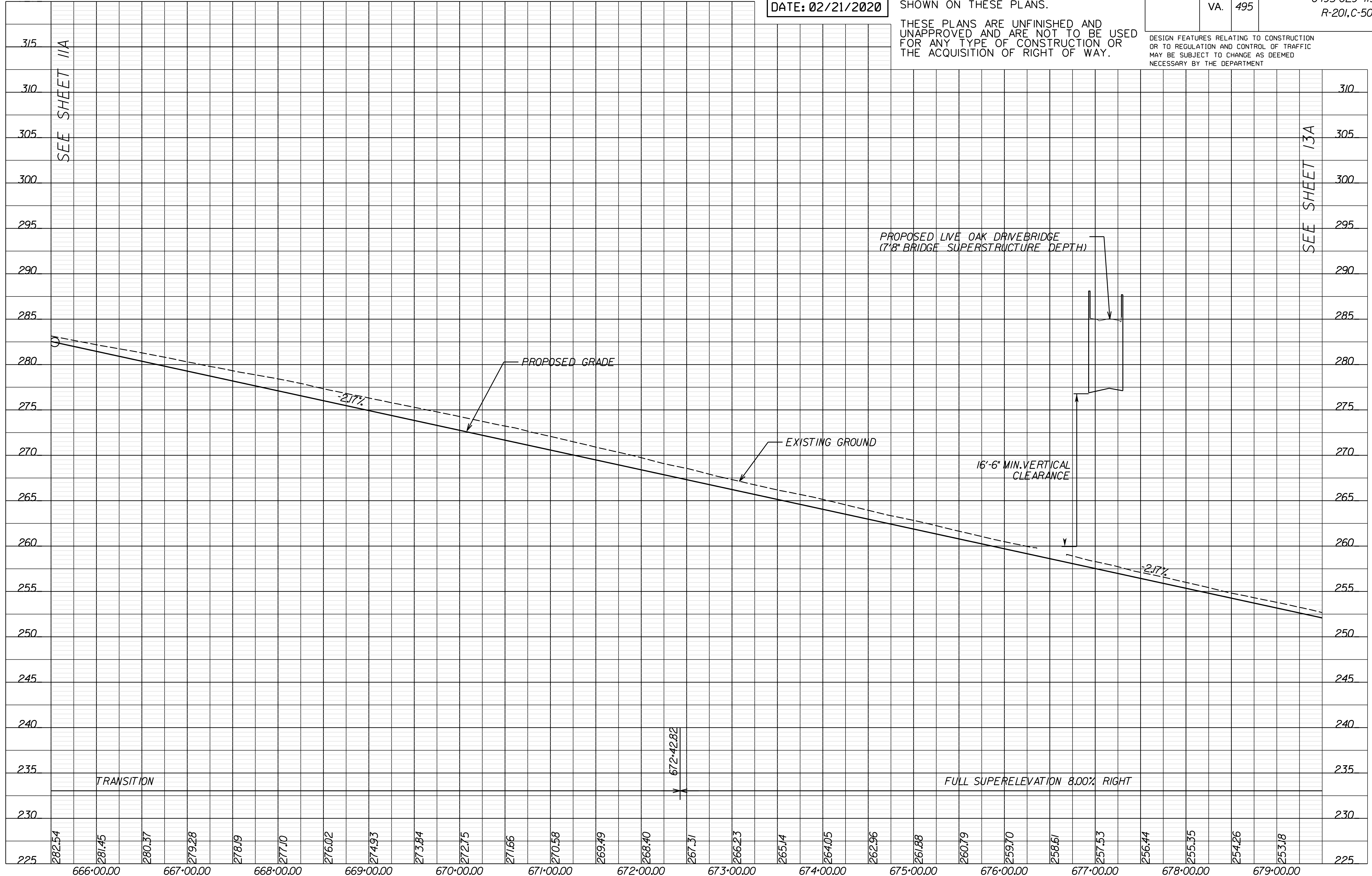
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	12A

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

495 EXPRESS LANES SOUTHBOUND

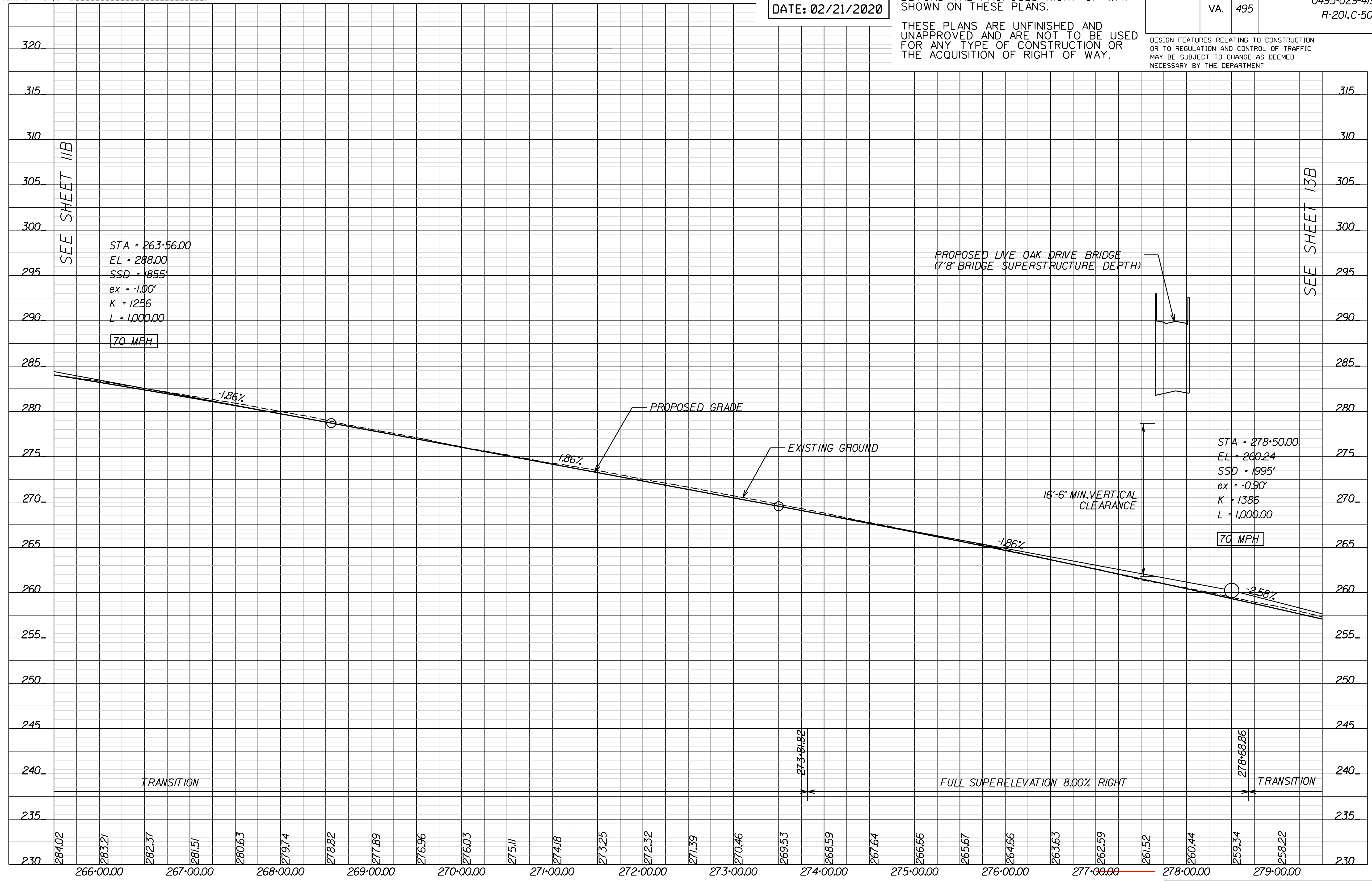
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	12B

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GWMP RAMP G21

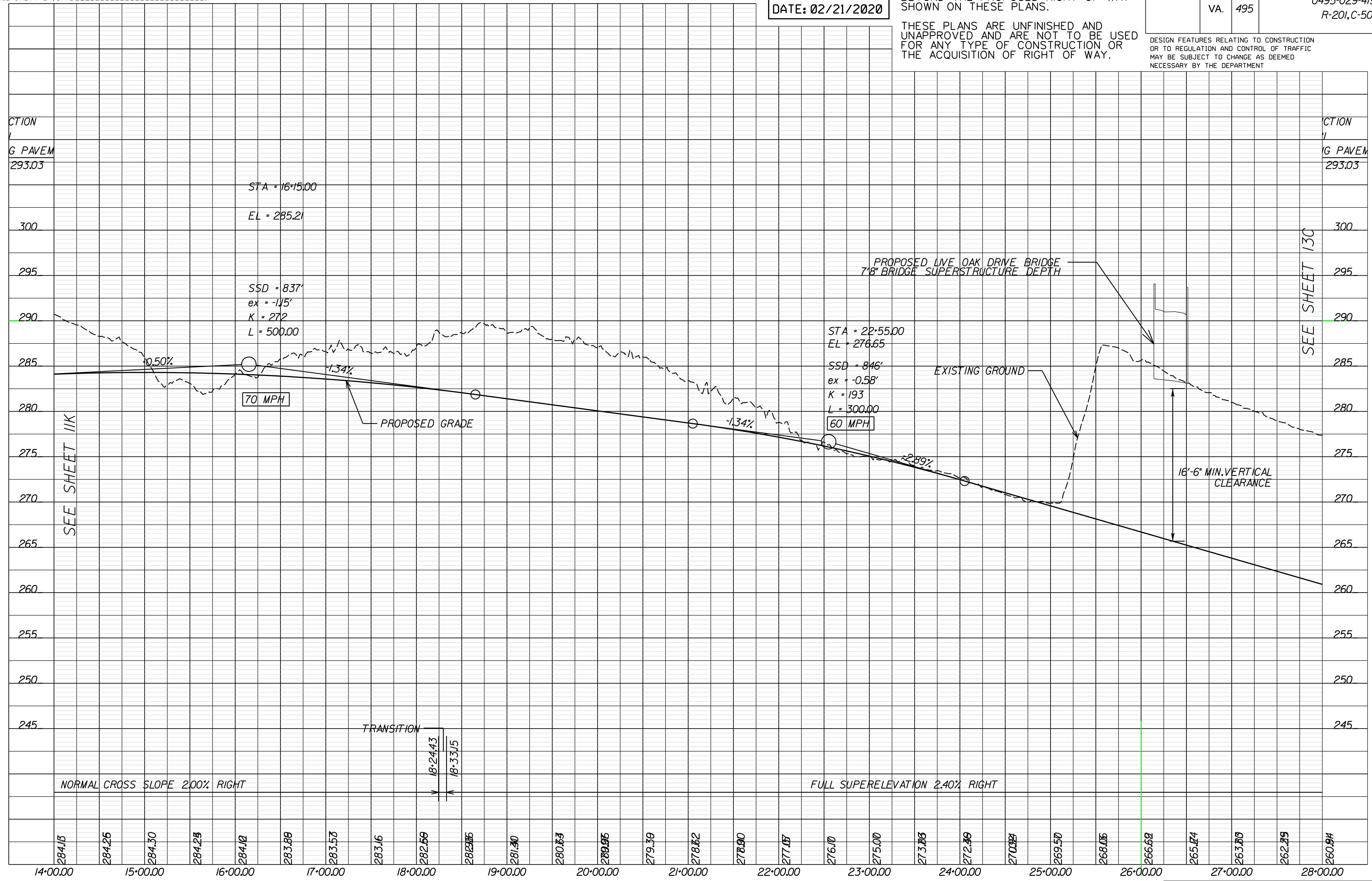
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	12C

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SEE SHEET 11K

SEE SHEET 130

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GTP RAMP NW

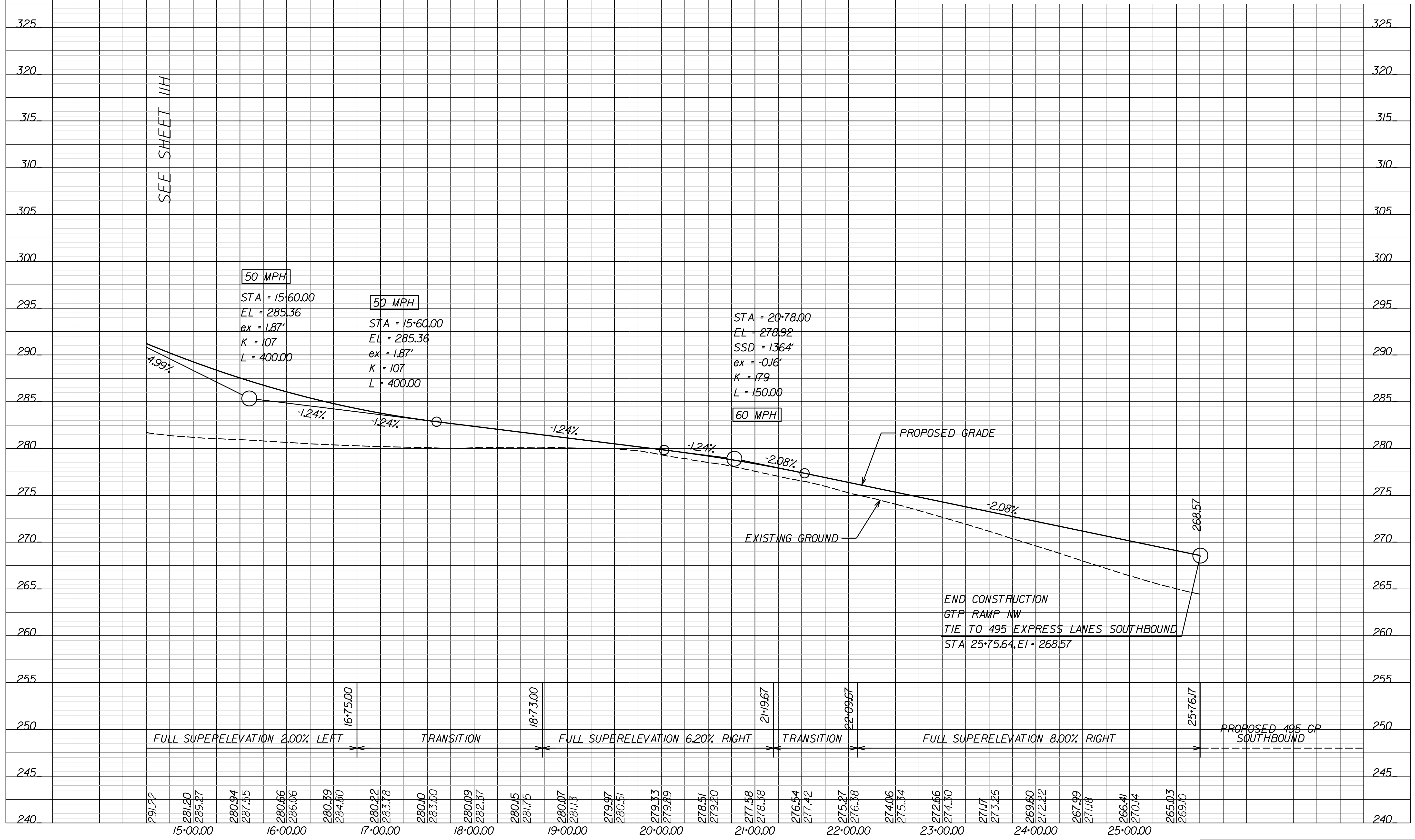
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	12D

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



END CONSTRUCTION
GTP RAMP NW
TIE TO 495 EXPRESS LANES SOUTHBOUND
STA 25+75.64, EI = 268.57

PROPOSED 495 GP SOUTHBOUND

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

LIVE OAK DRIVE

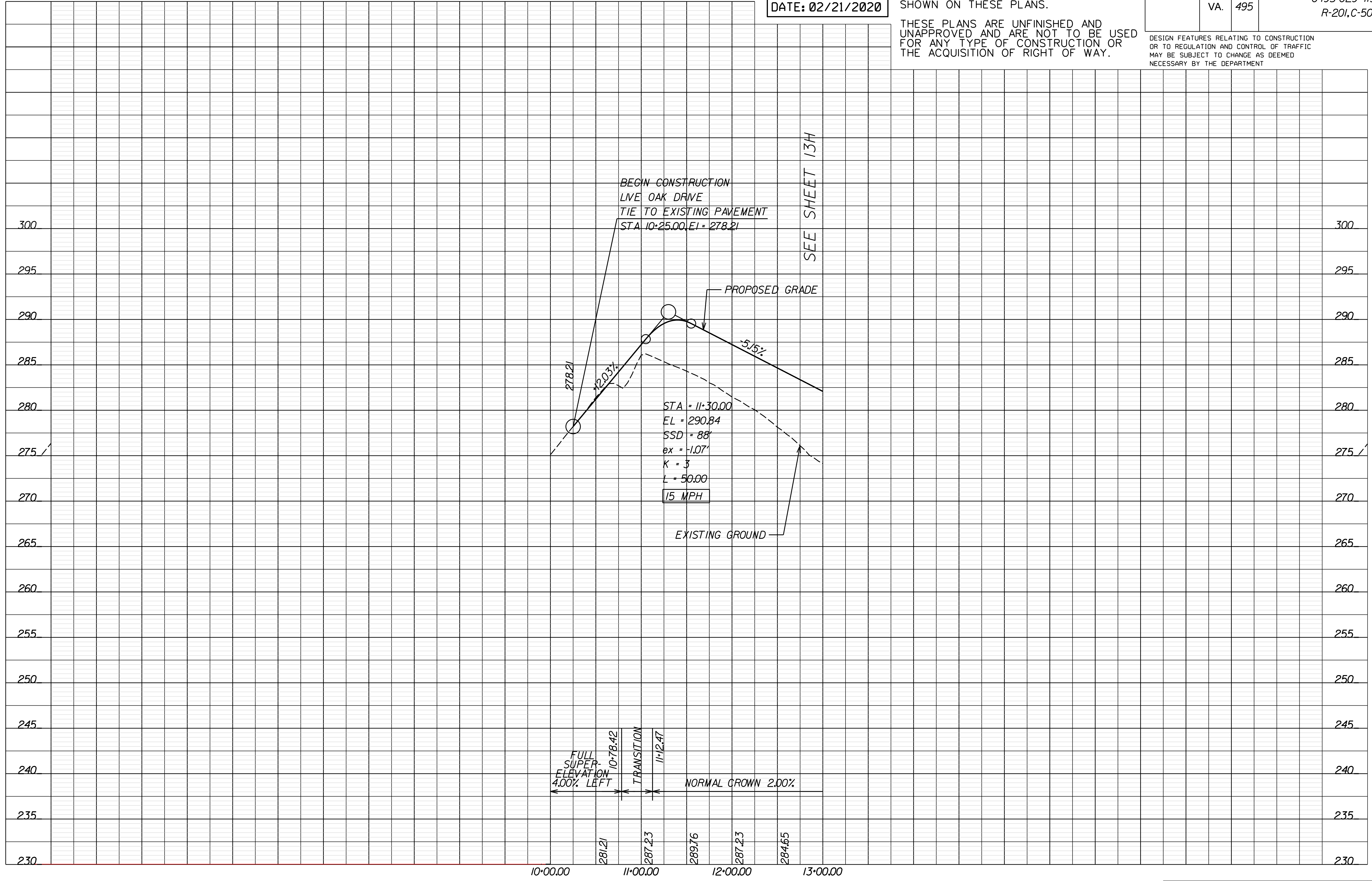
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	12E

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

BALLS HILL TRAIL

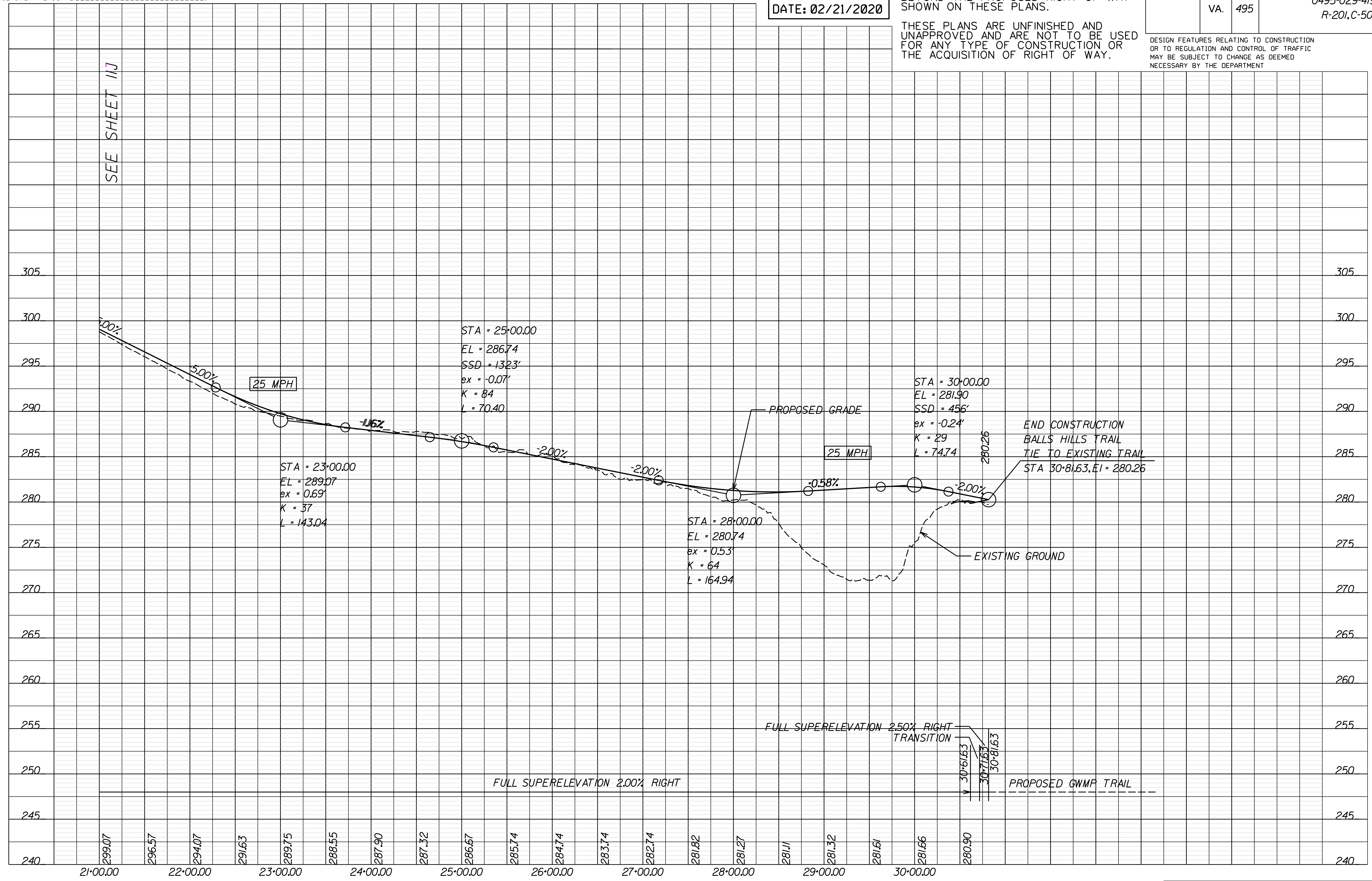
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	12F

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GEORGE WASHINGTON MEMORIAL PARKWAY TRAIL

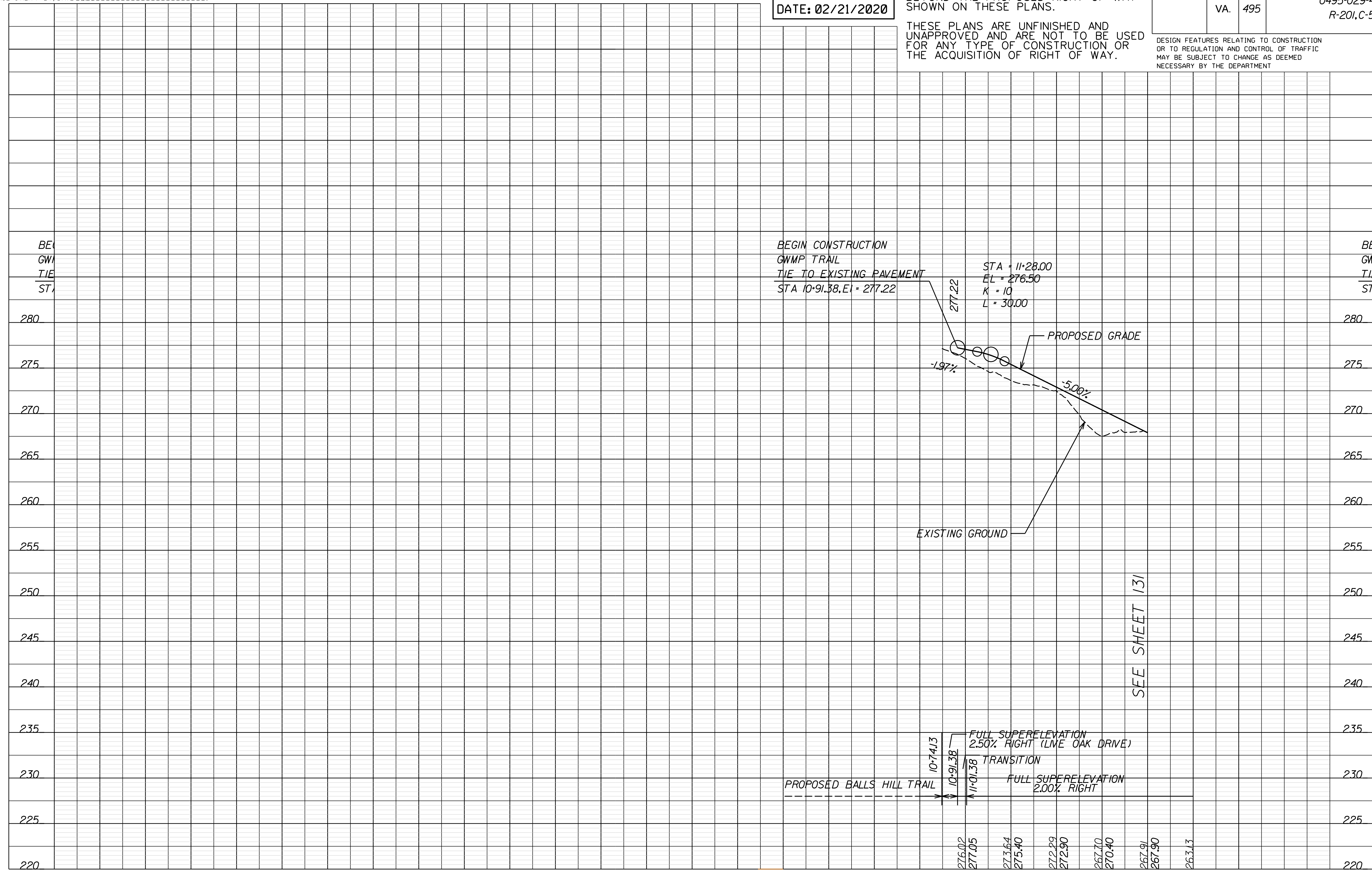
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	12G

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



BEGIN CONSTRUCTION
GWMP TRAIL
TIE TO EXISTING PAVEMENT
STA 10+91.38, E1 = 277.22

STA 11+28.00
E1 = 276.50
K = 10
L = 30.00

PROPOSED GRADE

EXISTING GROUND

SEE SHEET 131

PROPOSED BALLS HILL TRAIL
FULL SUPERELEVATION 2.50% RIGHT (LIME OAK DRIVE)
TRANSITION
FULL SUPERELEVATION 2.00% RIGHT

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GEORGETOWN PIKE NW SLIP RAMP

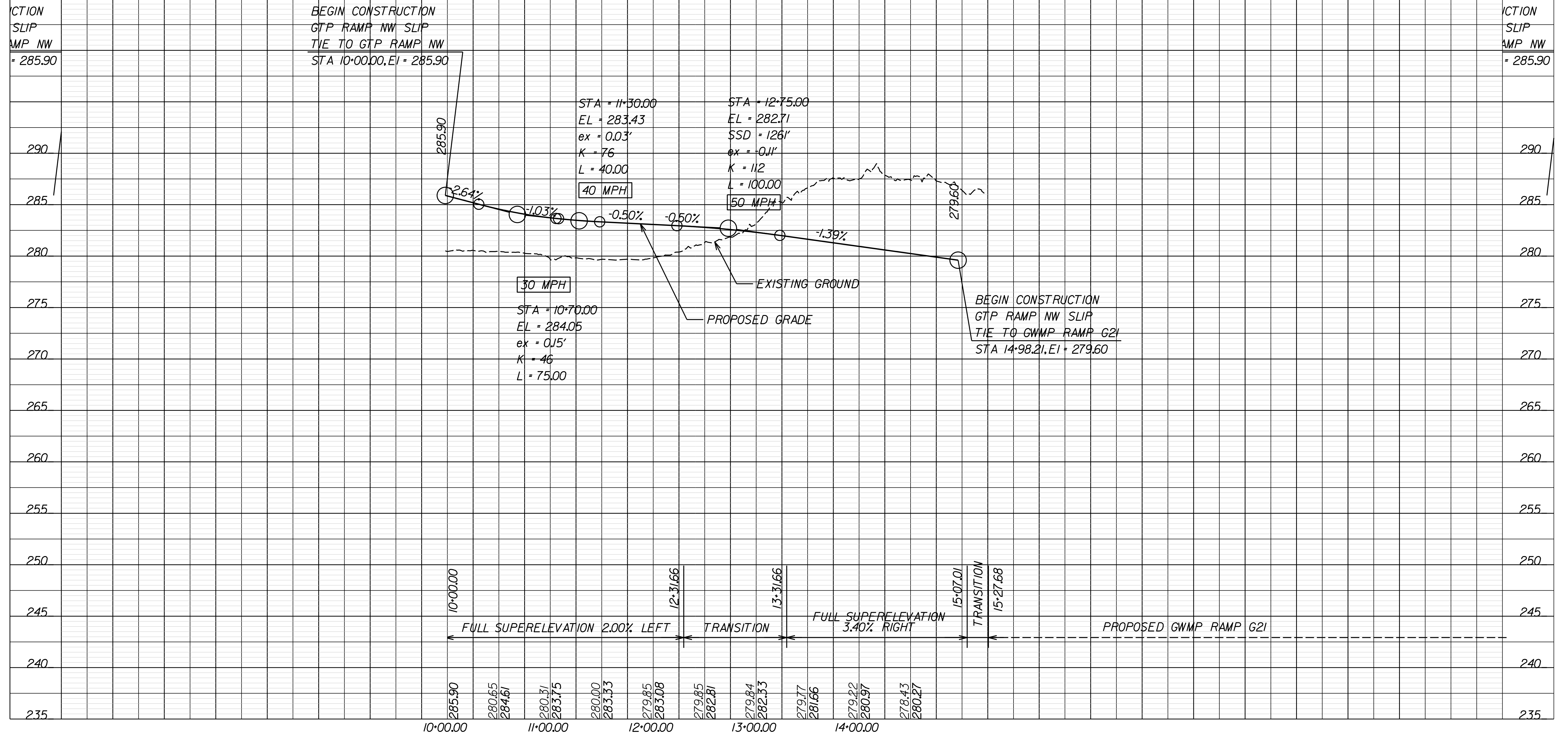
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	12H

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



SECTION
SLIP
RAMP NW
= 285.90

BEGIN CONSTRUCTION
GTP RAMP NW SLIP
TIE TO GTP RAMP NW
STA 10+00.00, EI = 285.90

SECTION
SLIP
RAMP NW
= 285.90

PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - WZA

LIVE OAK DRIVE BRIDGE

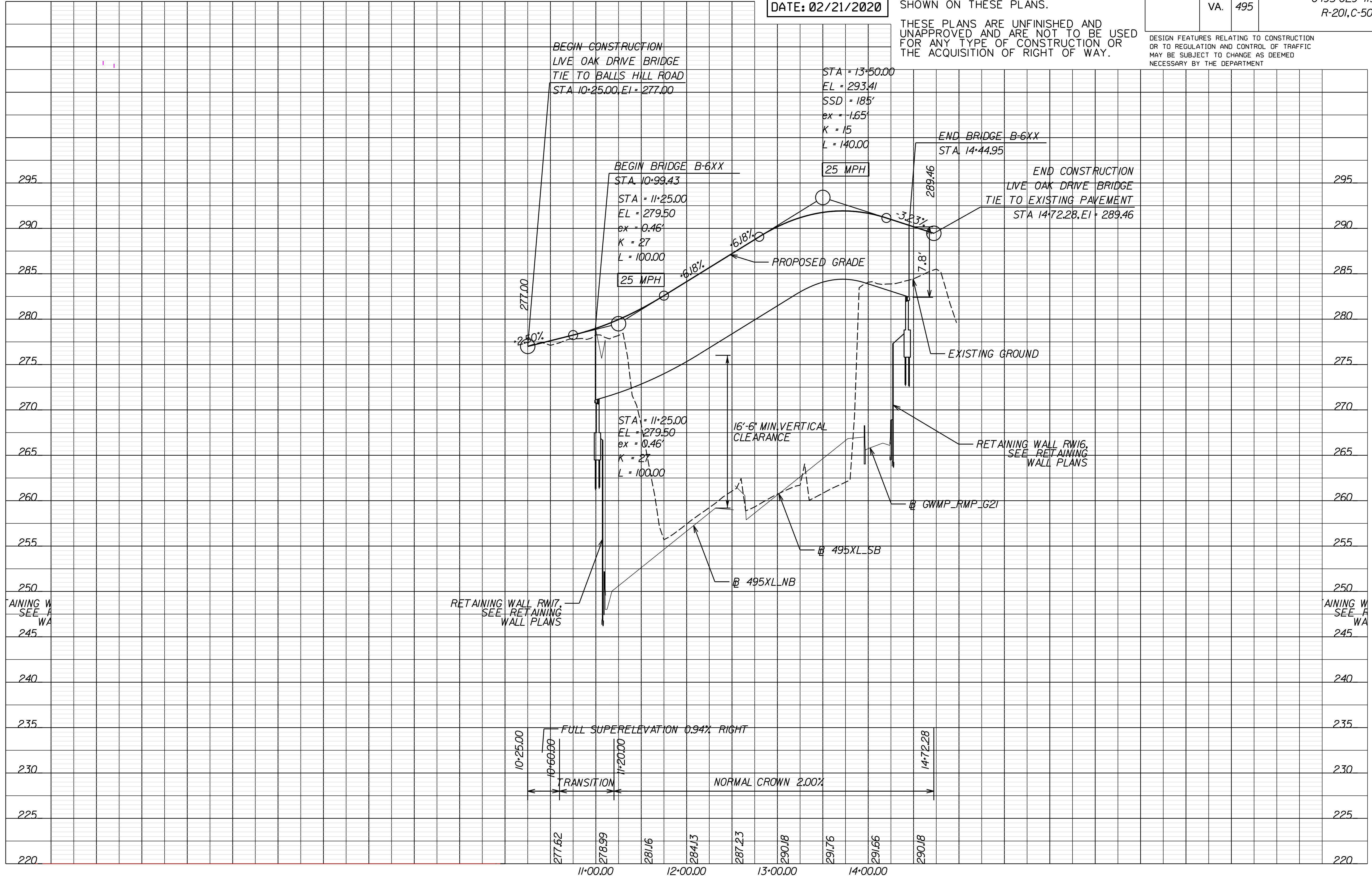
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	12J

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

BALLS HILL ROAD

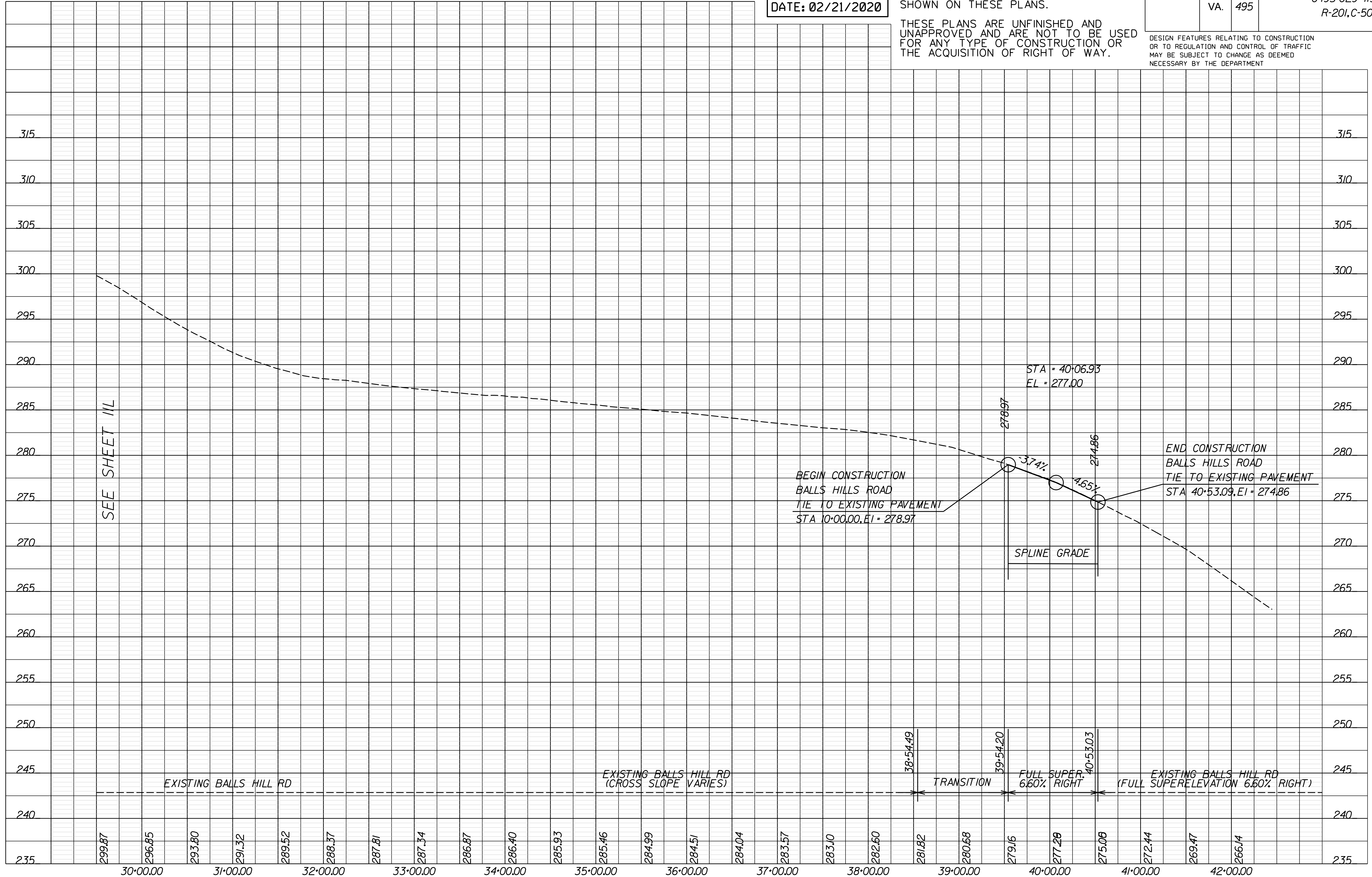
PUBLIC HEARING PLANS
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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	12K

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

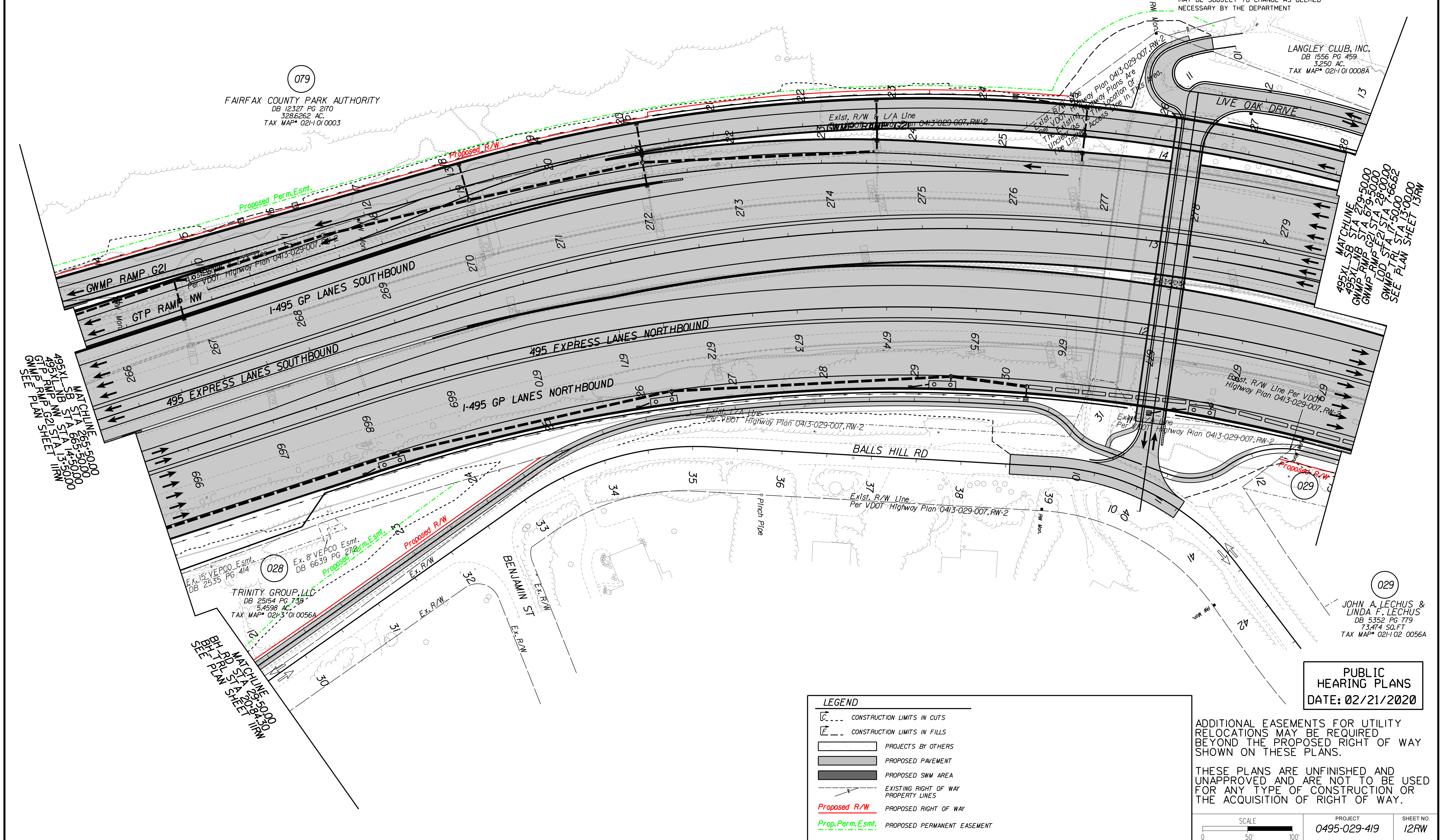


SEE SHEET 11L

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Btce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	12RW

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



079
FAIRFAX COUNTY PARK AUTHORITY
DB 12327 PG 2170
328,6262 AC.
TAX MAP* 021-101 0003

LANGLEY CLUB, INC.
DB 1556 PG 459
3,250 AC.
TAX MAP* 021-101 0008A

028
TRINITY GROUP, LLC
DB 25154 PG 738
5,4598 AC.
TAX MAP* 021-3-01 0056A

029
JOHN A. LECHUS &
LINDA F. LECHUS
DB 5352 PG 779
73,474 SQ. FT.
TAX MAP* 021-102 0056A

495X1 SB STA 265+50.00
495X1 NB STA 15+50.00
GTP RAMP G21 STA 15+50.00
GWMP RAMP G21 STA 15+50.00
SEE PLAN SHEET 13RW

495X1 SB STA 279+50.00
495X1 NB STA 679+50.00
GWMP RAMP G21 STA 28+00.00
LOD STA 17+50.00
GWMP TALL STA 13+00.00
SEE PLAN SHEET 13RW

BH RD STA 29+50.00
PRI STA 20+84.50
SEE PLAN SHEET 11RW

LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY PROPERTY LINES
- PROPOSED R/W
- PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 12RW
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PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

495 EXPRESS LANES NORTHBOUND

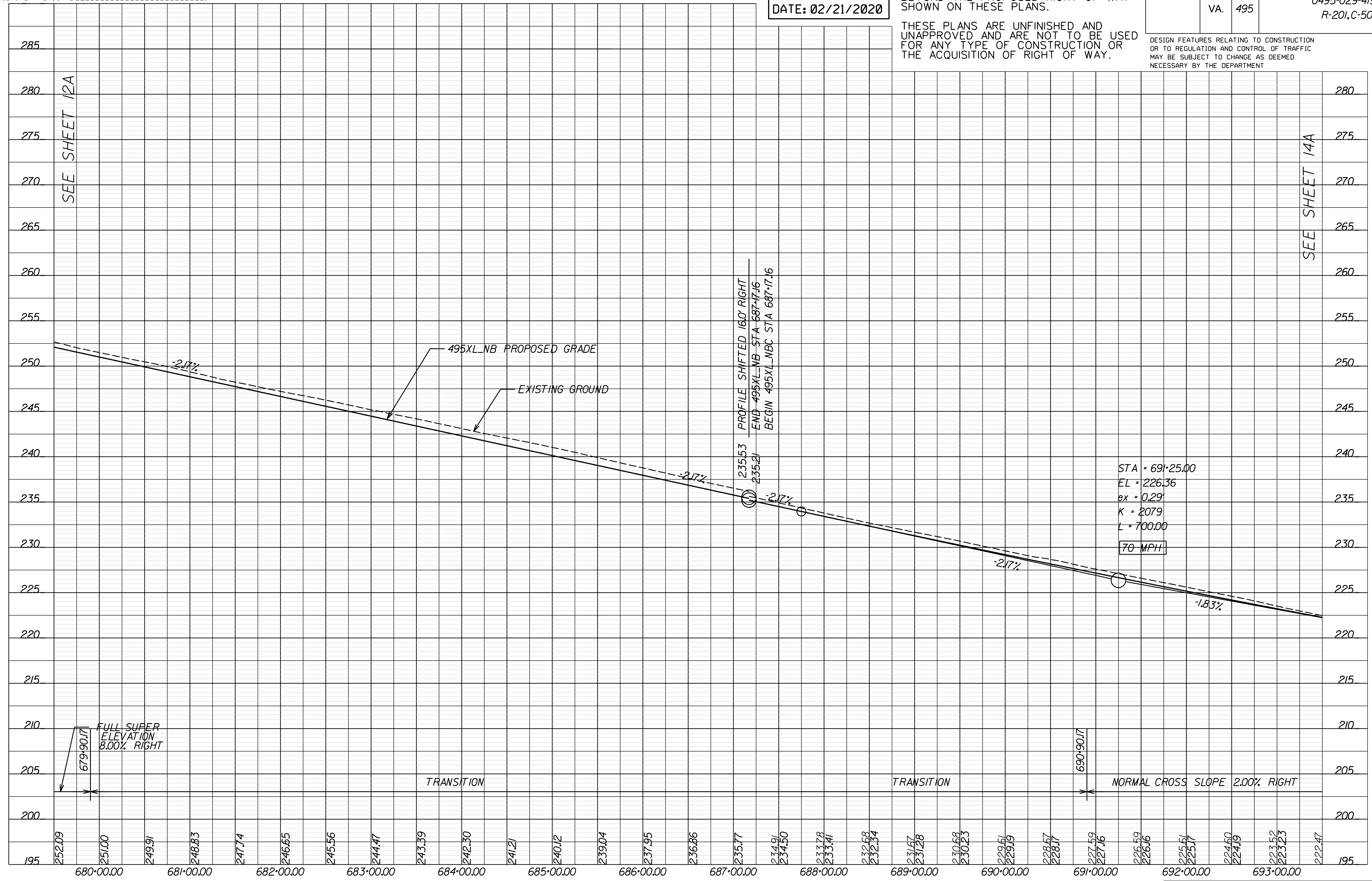
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	PROJECT	STATE	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501		13A

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



PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

495 EXPRESS LANES SOUTHBOUND

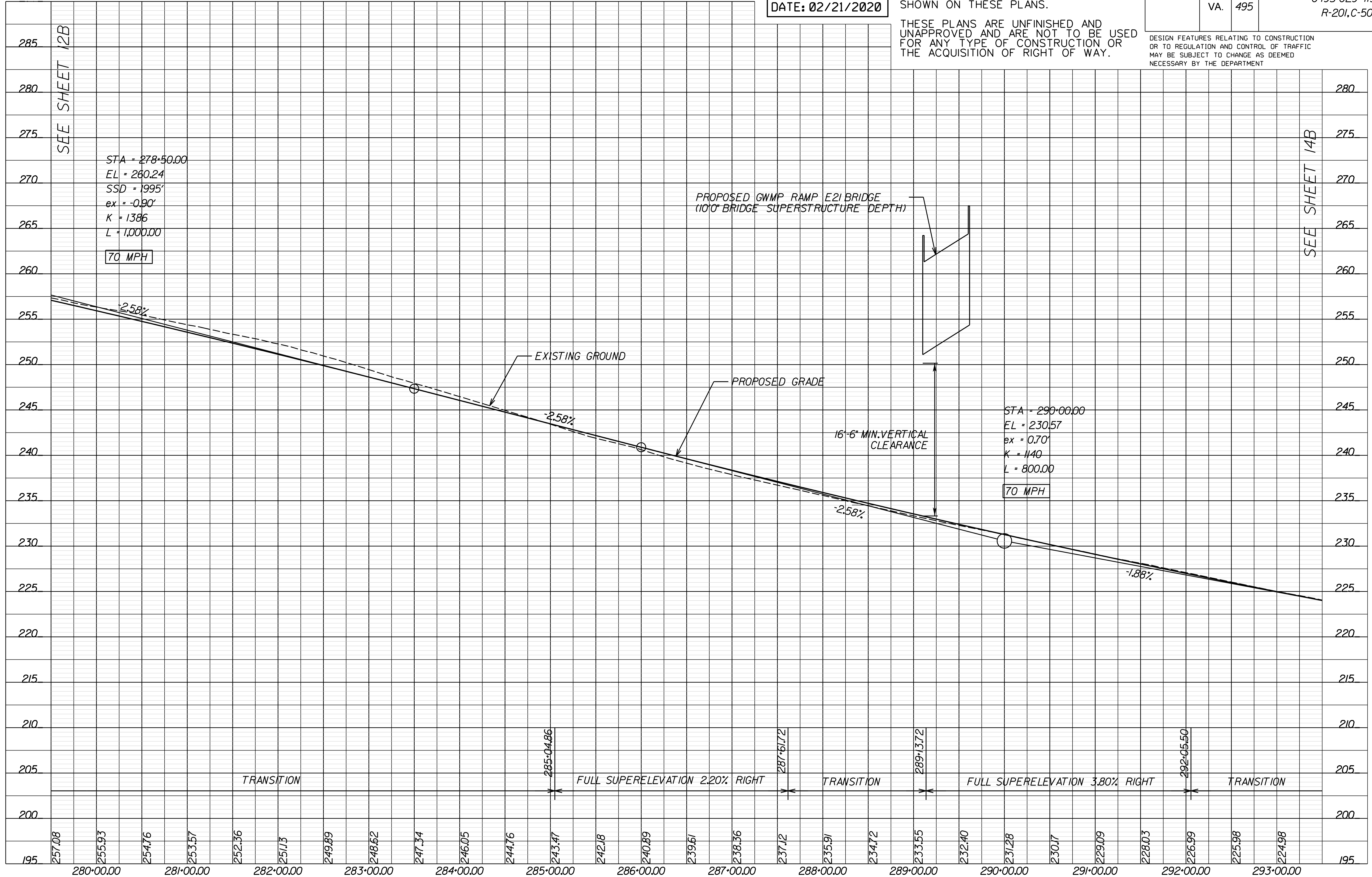
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	13B

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



SEE SHEET 12B

SEE SHEET 14B

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE WZA

GWMP RAMP G21

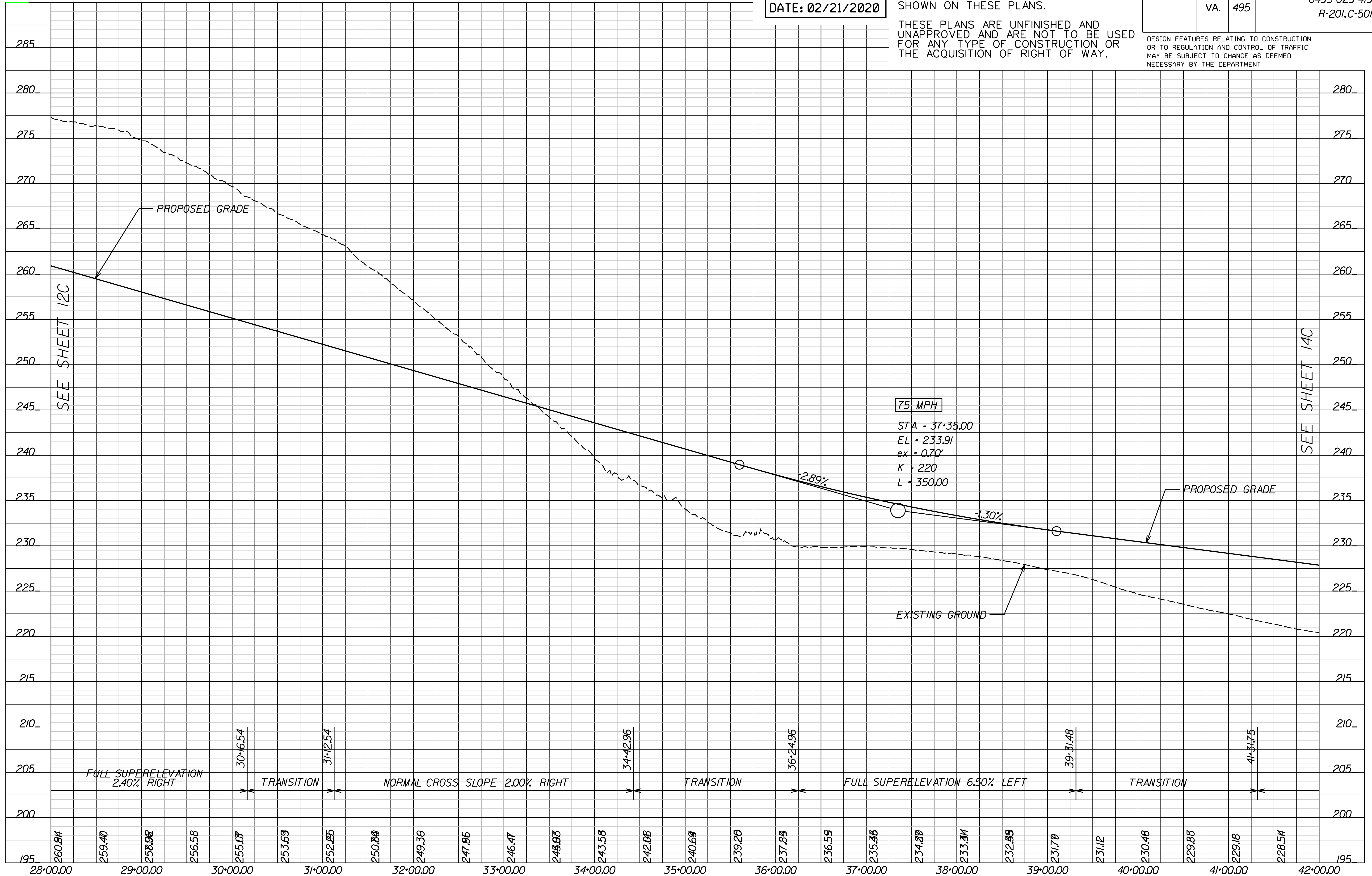
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	13C

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



SEE SHEET 12C

SEE SHEET 14C

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GWMP RAMP E21

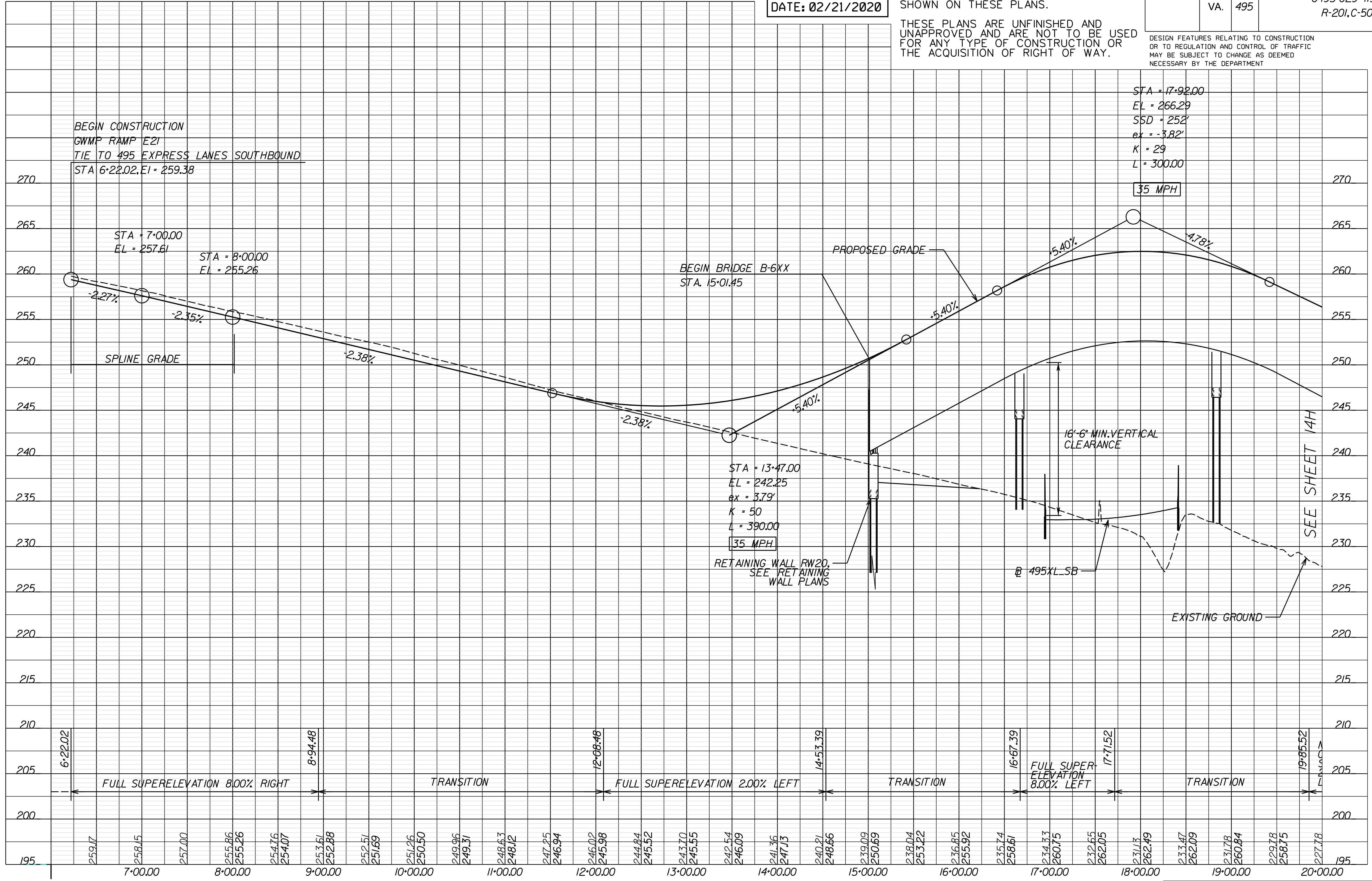
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	13D

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GWMP RAMP E22

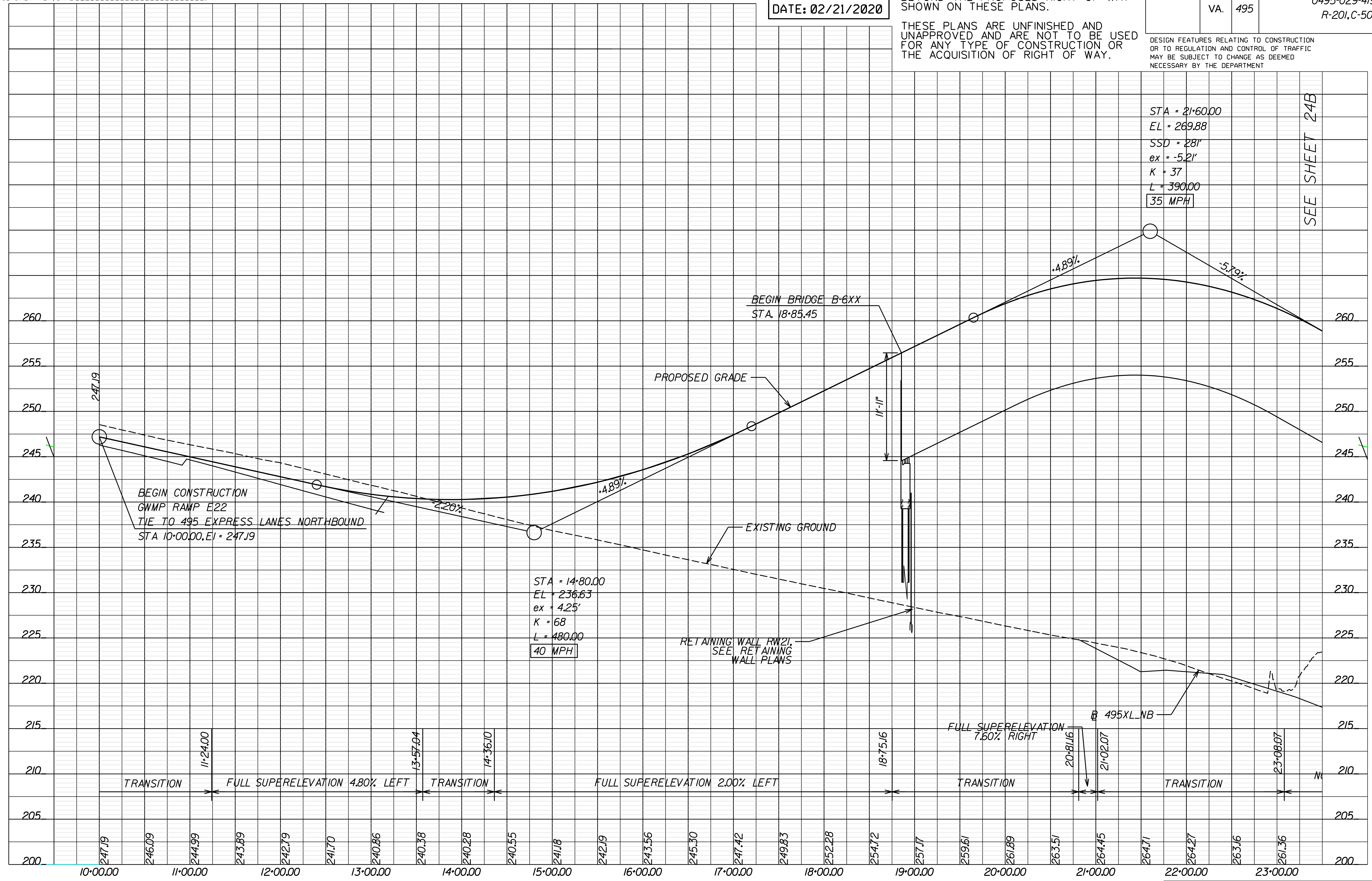
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	13E

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



STA = 21+60.00
EL = 269.88
SSD = 281'
ex = -5.21'
K = 37
L = 390.00
35 MPH

SEE SHEET 24B

STA = 14+80.00
EL = 236.63
ex = 4.25'
K = 68
L = 480.00
40 MPH

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GWMP RAMP G22

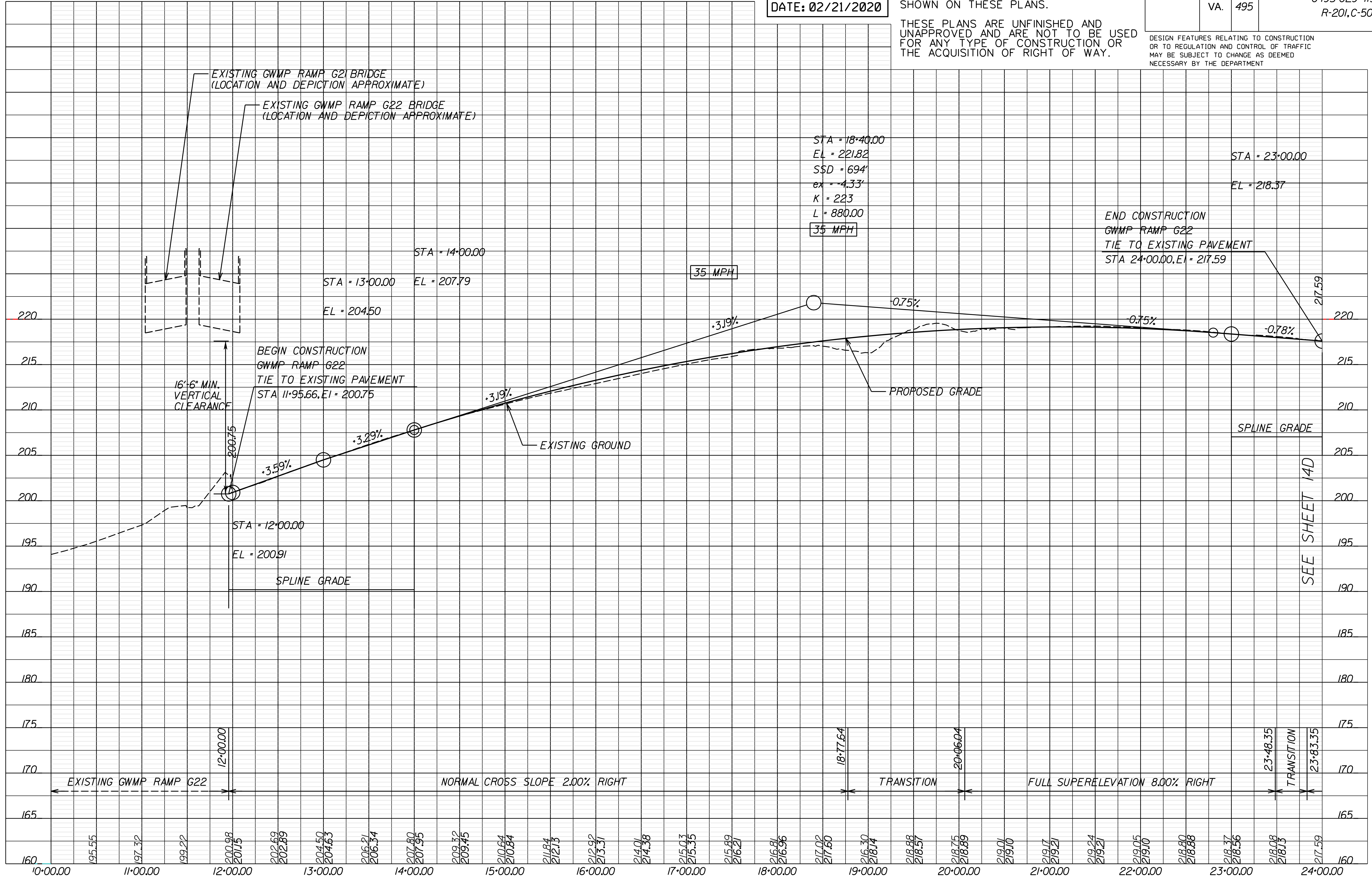
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	13F

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GWMP RAMP G23

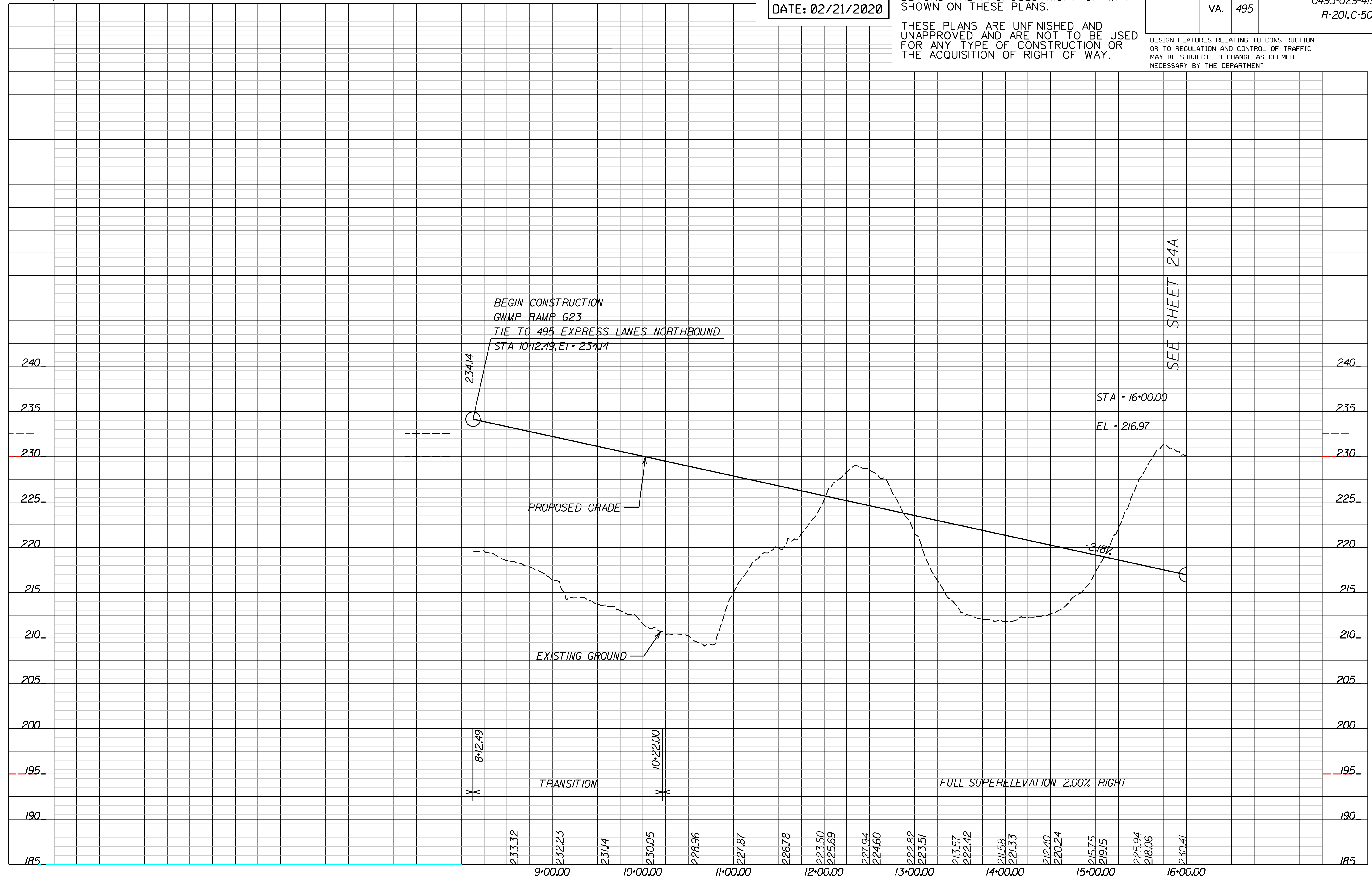
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	13G

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



BEGIN CONSTRUCTION
GWMP RAMP G23
TIE TO 495 EXPRESS LANES NORTHBOUND
STA 10+12.49, E1 = 234J4

SEE SHEET 24A

STA = 16+00.00
EL = 216.97

PROPOSED GRADE

EXISTING GROUND

TRANSITION

FULL SUPERELEVATION 2.00% RIGHT

8+12.49

10+22.00

233.32

232.23

231.14

230.05

228.96

227.87

226.78

223.50

225.69

227.94

224.60

222.82

223.51

213.57

222.42

211.58

221.33

212.40

220.24

215.75

219.15

225.94

218.06

230.41

PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

LIVE OAK DRIVE

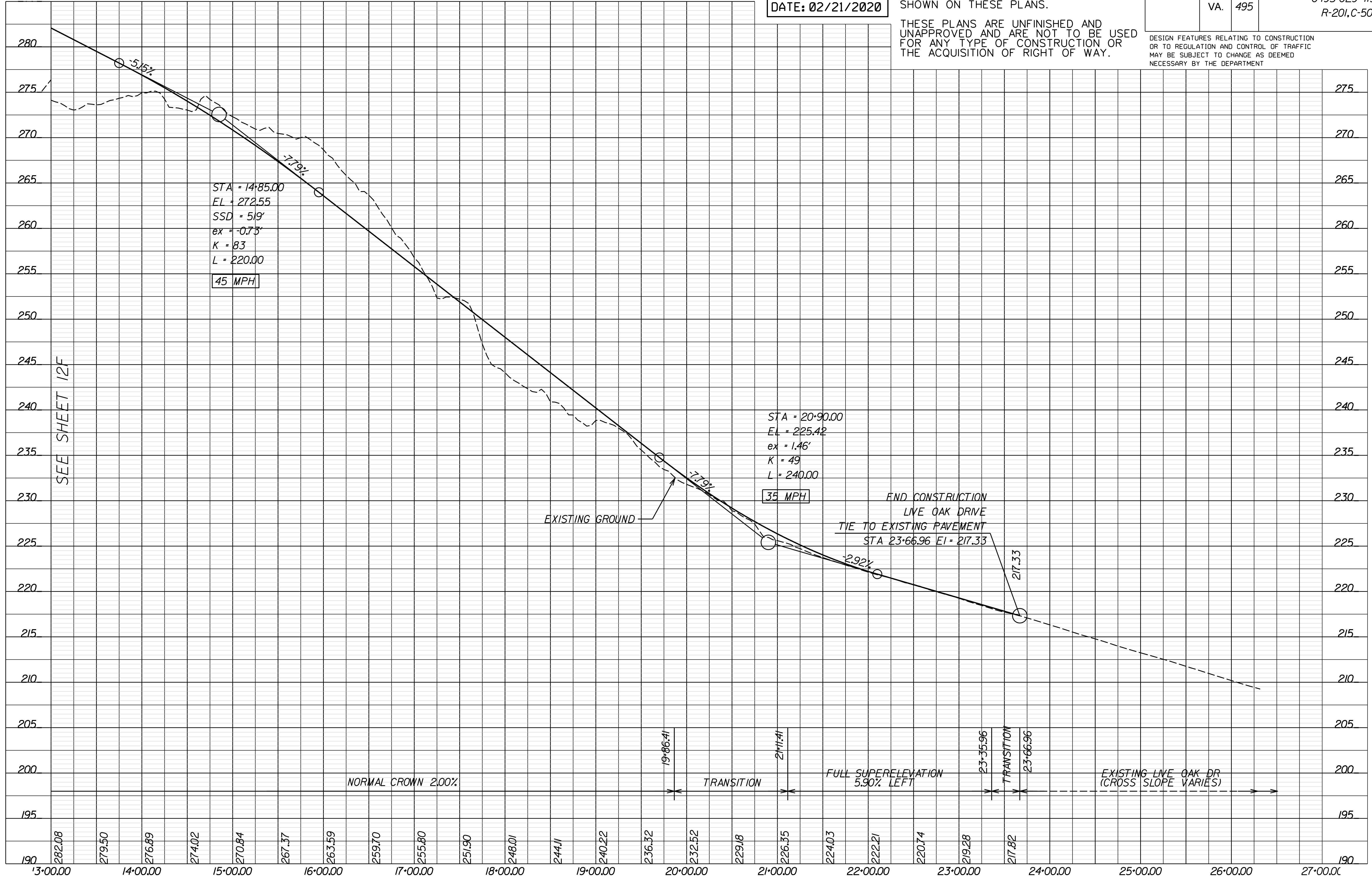
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	13H

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



SEE SHEET 12F

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GEORGE WASHINGTON MEMORIAL PARKWAY TRAIL

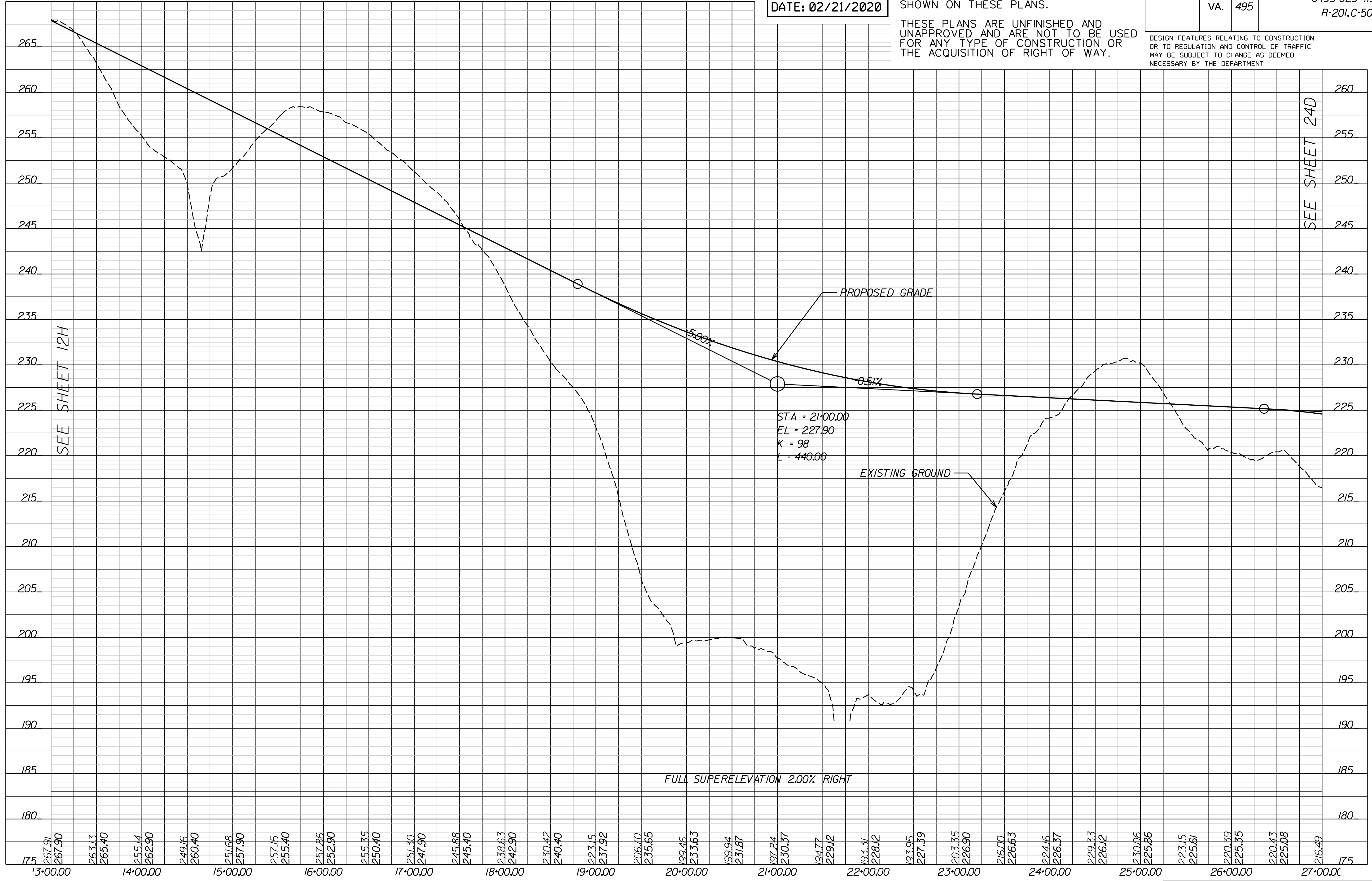
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	13J

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



SEE SHEET 24D

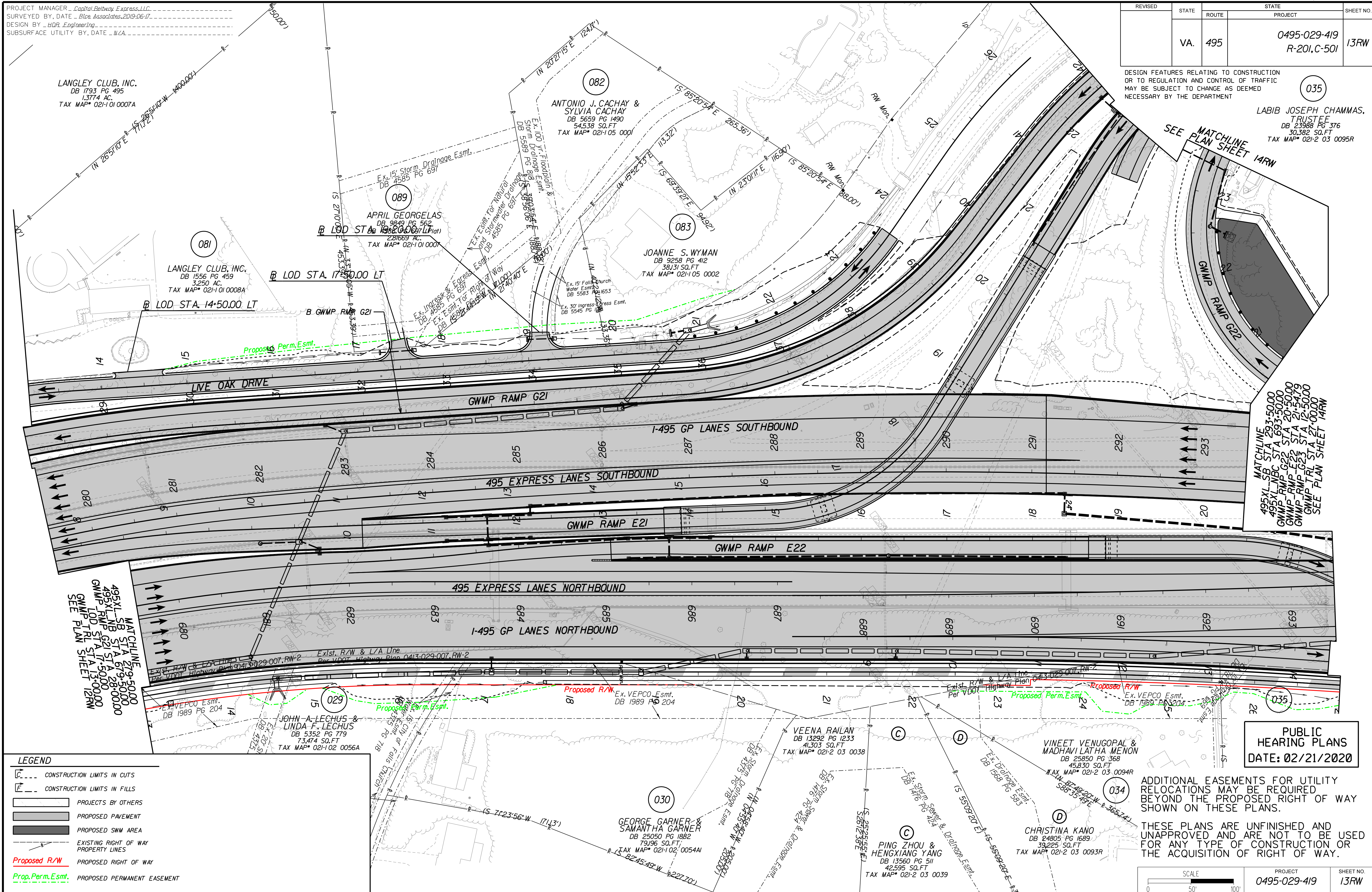
SEE SHEET 12H

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	13RW

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

LABIB JOSEPH CHAMMAS, TRUSTEE
DB 23988 PG 376
30,382 SQ.FT
TAX MAP* 021-2 03 0095R



LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY PROPERTY LINES
- Proposed R/W
- Prop. Perm. Esmt.

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE	PROJECT	SHEET NO.
0 50' 100'	0495-029-419	13RW

MATCHLINE
495XL SB STA 27+50.00
495XL NB STA 28+00.00
GWMP RMP G21 STA 27+50.00
GWMP RMP G22 STA 28+00.00
SEE PLAN SHEET 12RW

MATCHLINE
495XL SB STA 293+50.00
495XL NB STA 293+50.00
GWMP RMP G21 STA 293+50.00
GWMP RMP G22 STA 293+50.00
GWMP RMP E21 STA 293+50.00
GWMP RMP E22 STA 293+50.00
SEE PLAN SHEET 14RW

LANGLEY CLUB, INC.
DB 1793 PG 495
1,377.4 AC.
TAX MAP* 021-01 0007A

LANGLEY CLUB, INC.
DB 1556 PG 459
3,250 AC.
TAX MAP* 021-01 0008A

APRIL GEORGEAS
DB 9849 PG 562
2,216.69 AC.
TAX MAP* 021-01 0007

ANTONIO J. CACHAY & SYLVIA CACHAY
DB 5659 PG 1490
54,538 SQ.FT
TAX MAP* 021-05 0001

JOANNE S. WYMAN
DB 9258 PG 412
38,131 SQ.FT
TAX MAP* 021-05 0002

JOHN A. LECHUS & LINDA F. LECHUS
DB 5352 PG 779
73,474 SQ.FT
TAX MAP* 021-02 0056A

GEORGE GARNER & SAMANTHA GARNER
DB 25050 PG 1882
79,196 SQ.FT
TAX MAP* 021-02 0054A

VEENA RAILAN
DB 13292 PG 1233
41,303 SQ.FT
TAX MAP* 021-2 03 0038

VINEET VENUGOPAL & MADHAVI LATHA MENON
DB 25850 PG 368
45,830 SQ.FT
TAX MAP* 021-2 03 0094R

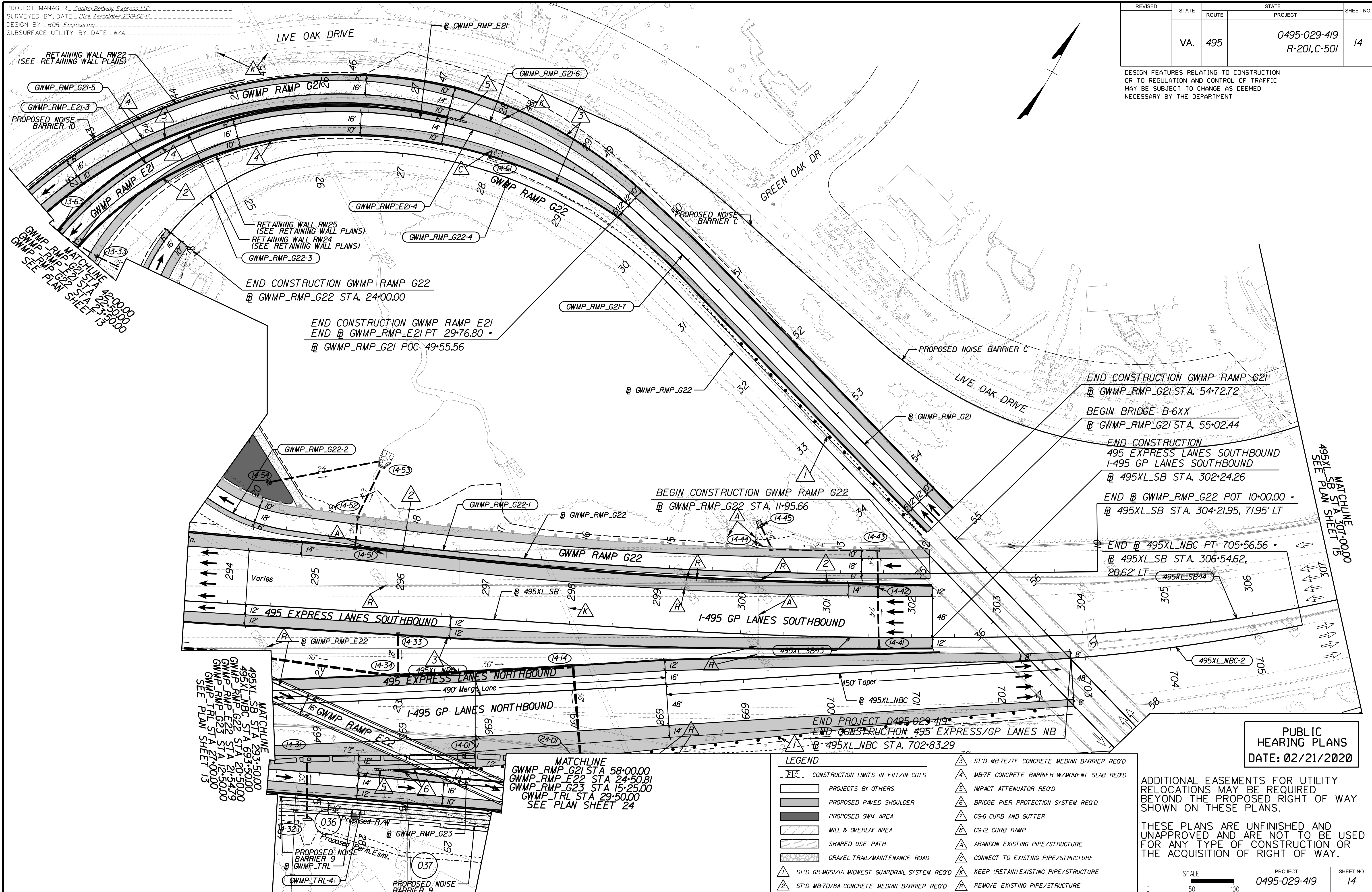
CHRISTINA KANO
DB 24805 PG 1689
39,225 SQ.FT
TAX MAP* 021-2 03 0093R

PING ZHOU & HENGXIANG YANG
DB 13560 PG 511
42,595 SQ.FT
TAX MAP* 021-2 03 0039

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	14

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



MATCHLINE
495XL_SB STA 29+50.00
495XL_NBC STA 29+50.00
GWMP_RMP_E22 STA 29+50.00
GWMP_RMP_E23 STA 29+50.00
GWMP_RMP_G23 STA 29+50.00
GWMP_TRL STA 27+00.00
SEE PLAN SHEET 13

MATCHLINE
GWMP_RMP_G21 STA 58+00.00
GWMP_RMP_E22 STA 24+50.81
GWMP_RMP_G23 STA 15+25.00
GWMP_TRL STA 29+50.00
SEE PLAN SHEET 24

LEGEND

	CONSTRUCTION LIMITS IN FILL/IN CUTS		3' MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	PROJECTS BY OTHERS		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	PROPOSED PAVED SHOULDER		IMPACT ATTENUATOR REQ'D
	PROPOSED SWM AREA		BRIDGE PIER PROTECTION SYSTEM REQ'D
	MILL & OVERLAY AREA		CG-6 CURB AND GUTTER
	SHARED USE PATH		CG-12 CURB RAMP
	GRAVEL TRAIL/MAINTENANCE ROAD		ABANDON EXISTING PIPE/STRUCTURE
	1' ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D		CONNECT TO EXISTING PIPE/STRUCTURE
	2' ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D		KEEP (RETAIN) EXISTING PIPE/STRUCTURE
			REMOVE EXISTING PIPE/STRUCTURE

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'

PROJECT	0495-029-419	SHEET NO.	14
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

495 EXPRESS LANES NORTHBOUND

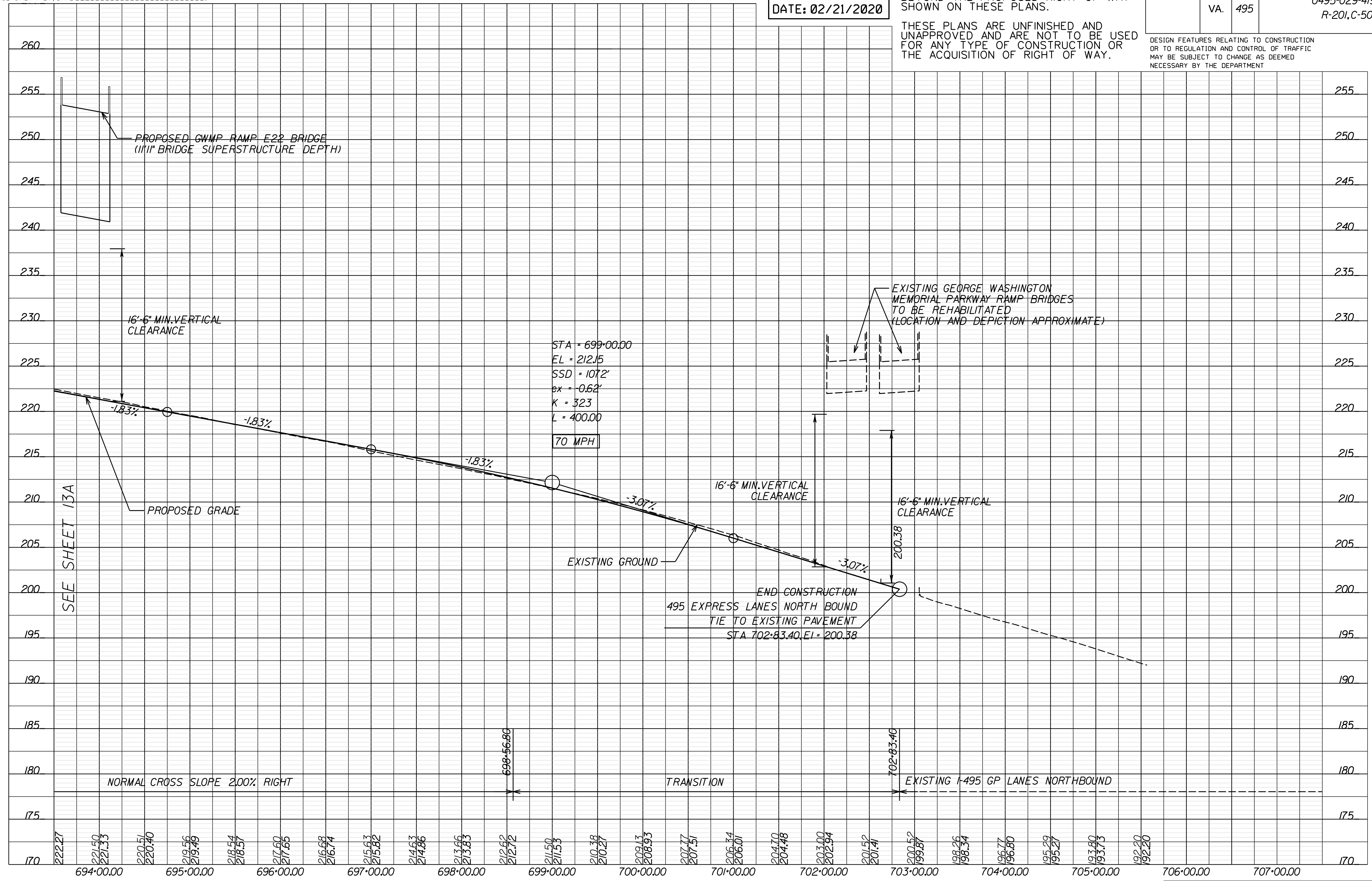
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	14A

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



SEE SHEET 13A

PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - RICE Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

495 EXPRESS LANES SOUTHBOUND

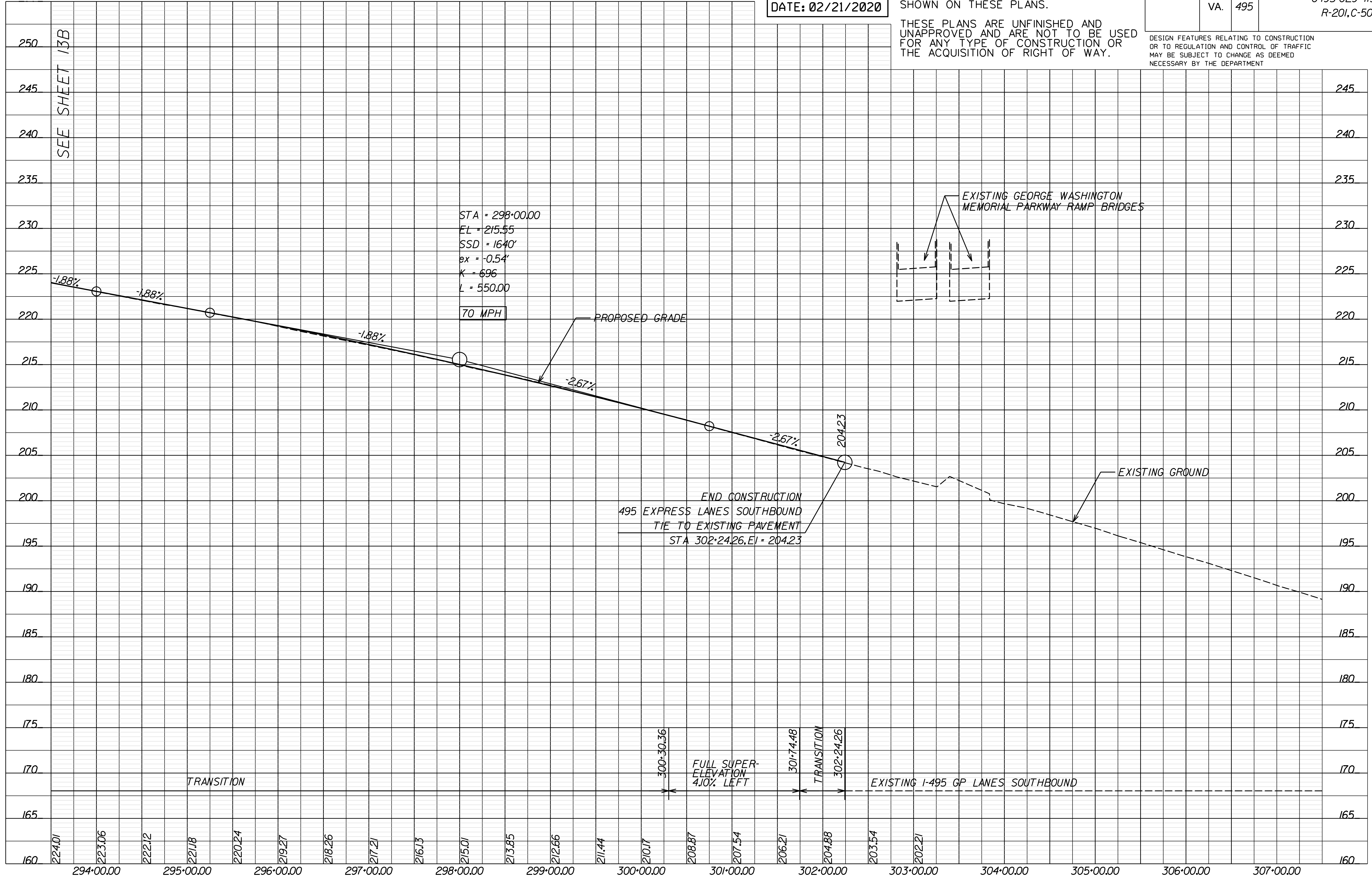
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DATE: 02/21/2020

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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	14B

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GWMP RAMP G21

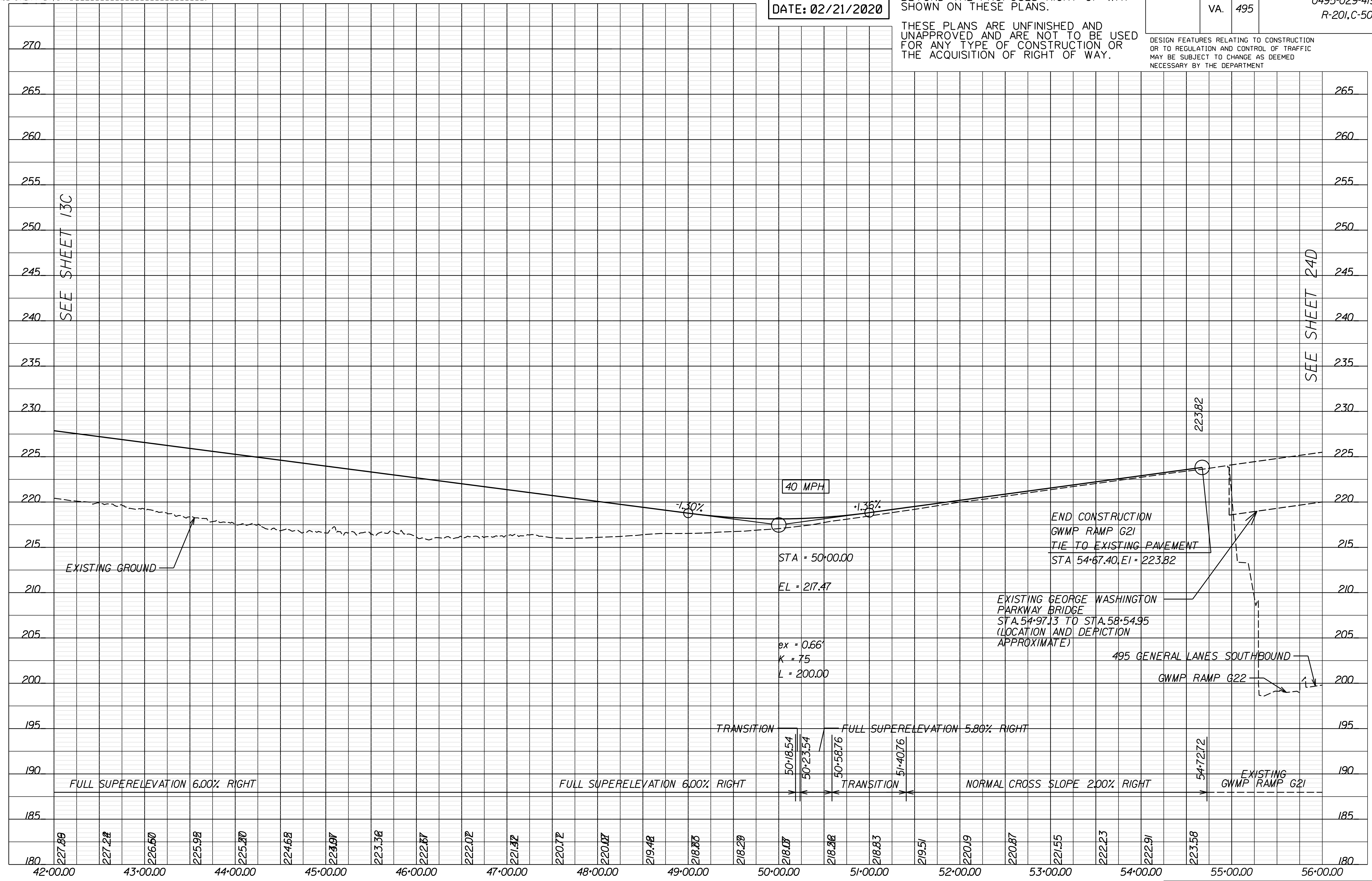
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	14C

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



SEE SHEET 13C

SEE SHEET 24D

PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

GWMP RAMP G22

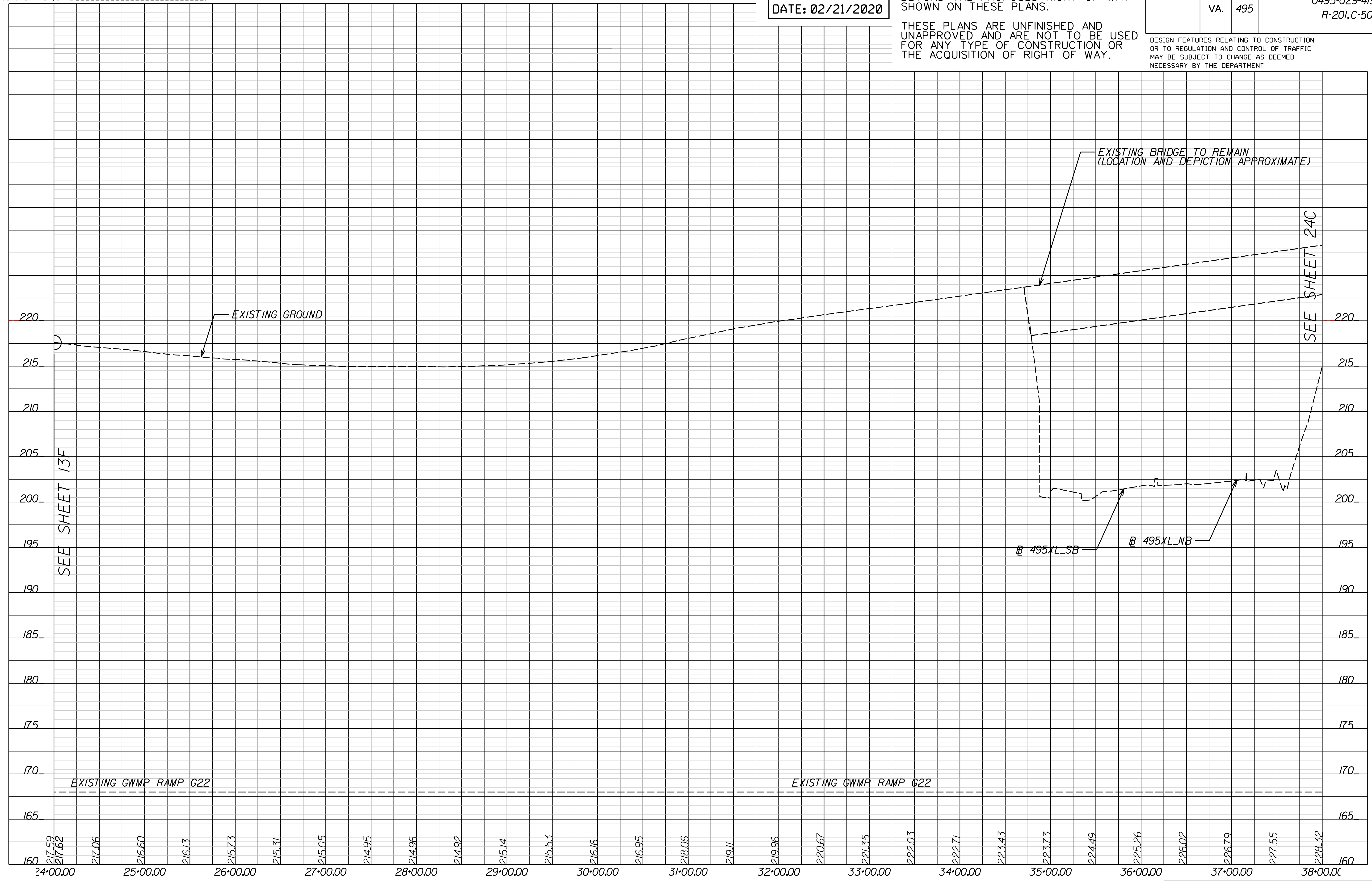
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	14D

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GWMP RAMP E2I

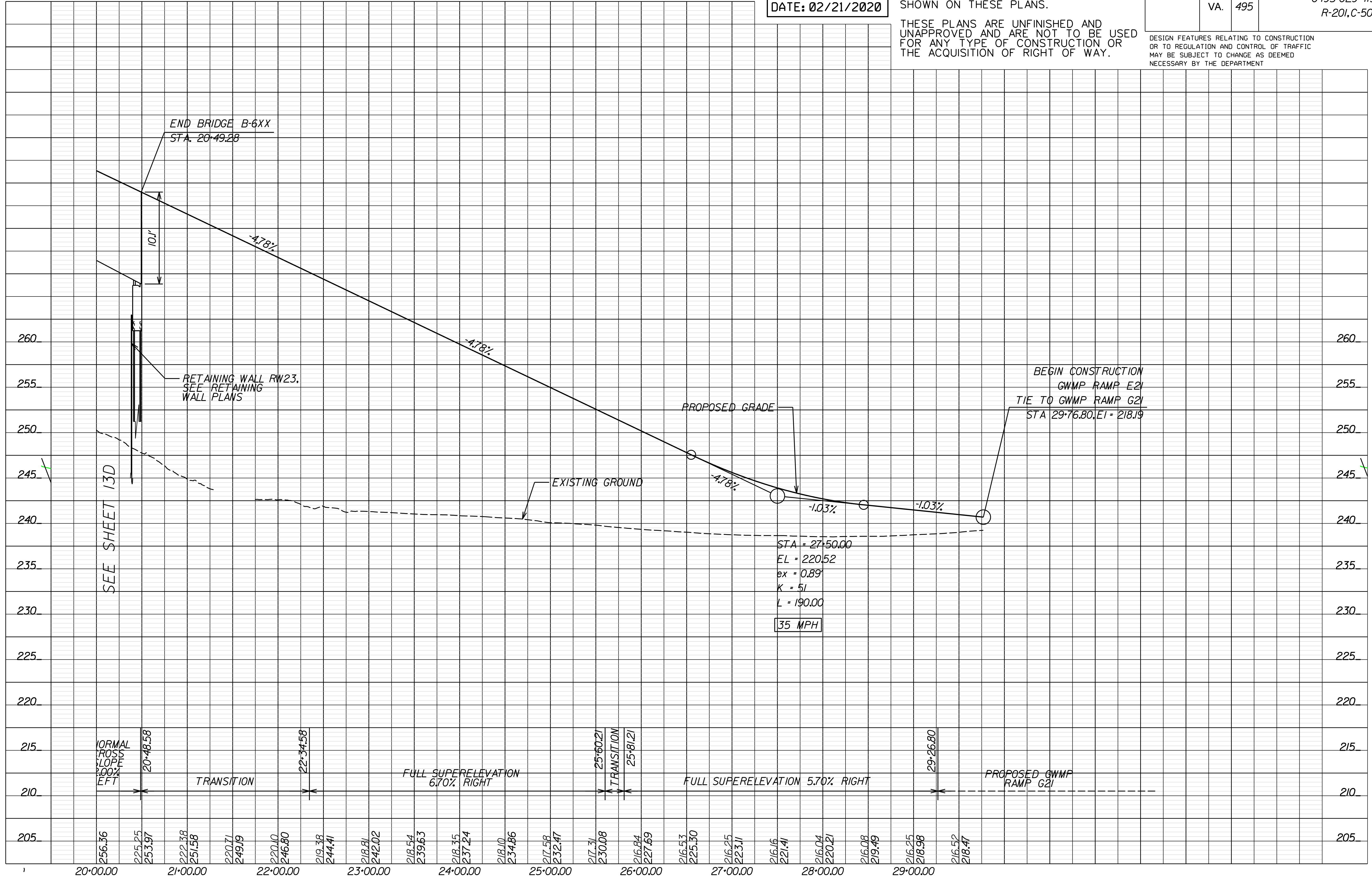
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	14E

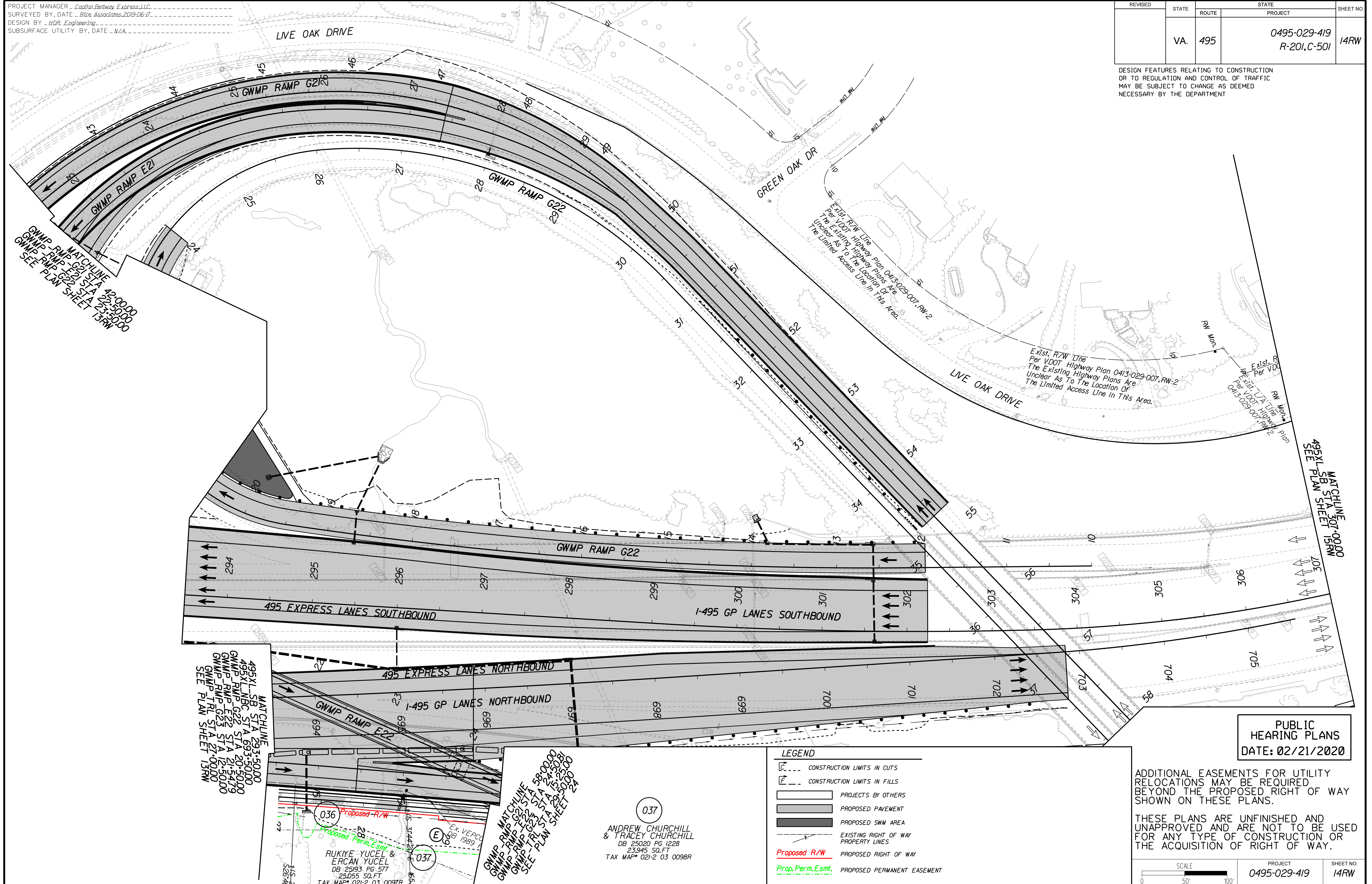
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	14RW

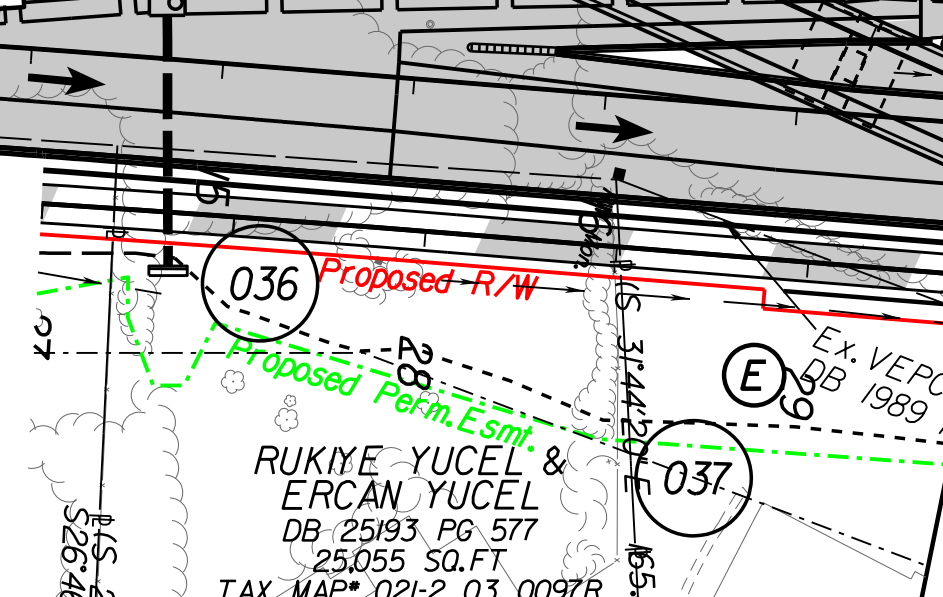
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



GWMP RAMP MATCHLINE 42+00.00
GWMP RAMP E21 STA 22+50.00
GWMP RAMP G22 STA 23+50.00
SEE PLAN SHEET 13RW

MATCHLINE
495X1 SB STA 293+50.00
495X1 NB STA 293+50.00
GWMP RAMP E22 STA 20+50.00
GWMP RAMP E22 STA 21+54.79
GWMP RAMP G22 STA 12+50.00
GWMP TR STA 27+00.00
SEE PLAN SHEET 13RW

GWMP RAMP MATCHLINE
GWMP RAMP E22 STA 58+00.00
GWMP RAMP G22 STA 15+25.08
GWMP TR STA 29+50.00
SEE PLAN SHEET 24



037
ANDREW CHURCHILL & TRACEY CHURCHILL
DB 25020 PG 1228
23,945 SQ.FT
TAX MAP* 021-2 03 0098R

LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY PROPERTY LINES
- PROPOSED RIGHT OF WAY
- Prop. Perm. Esmt.** PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

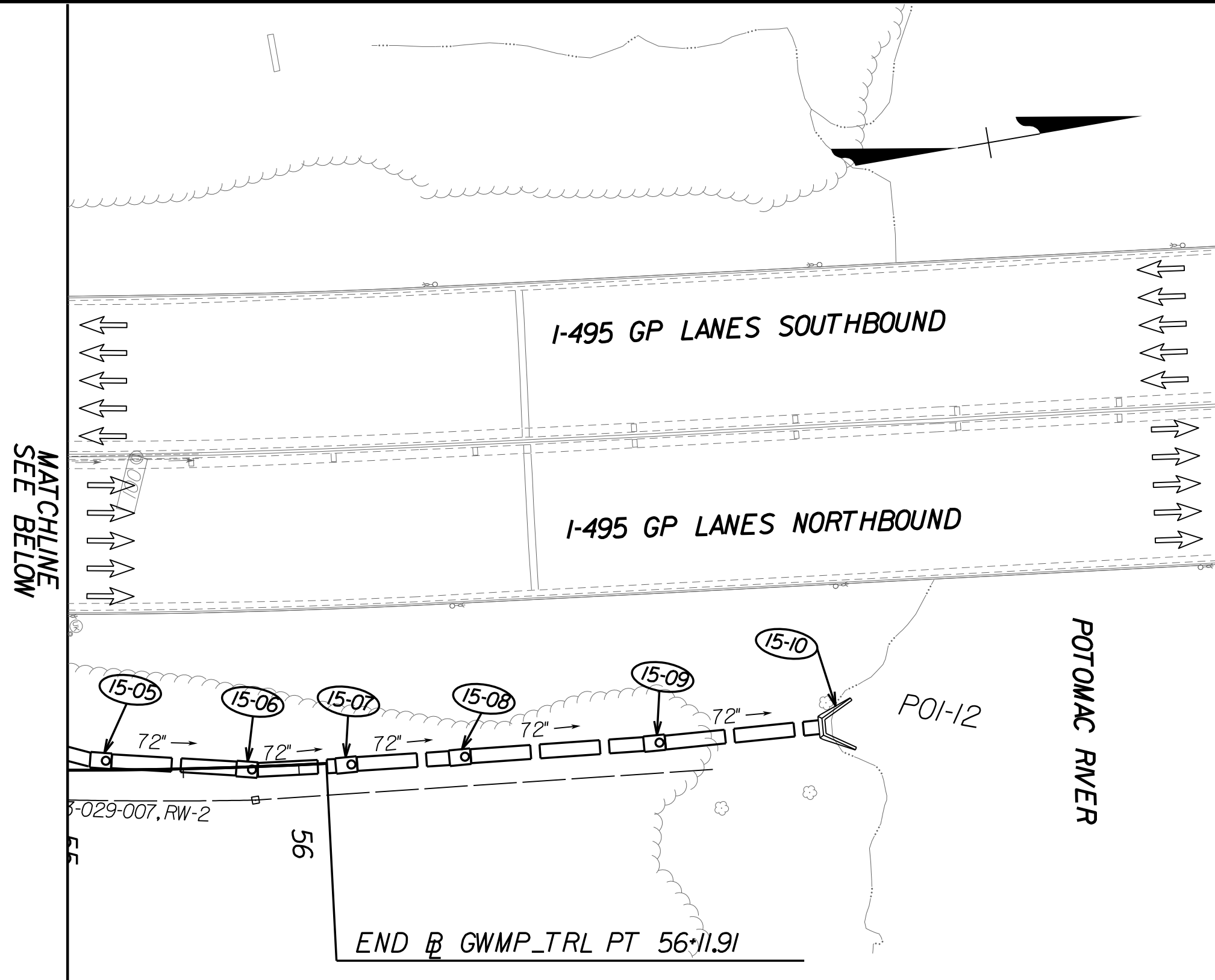
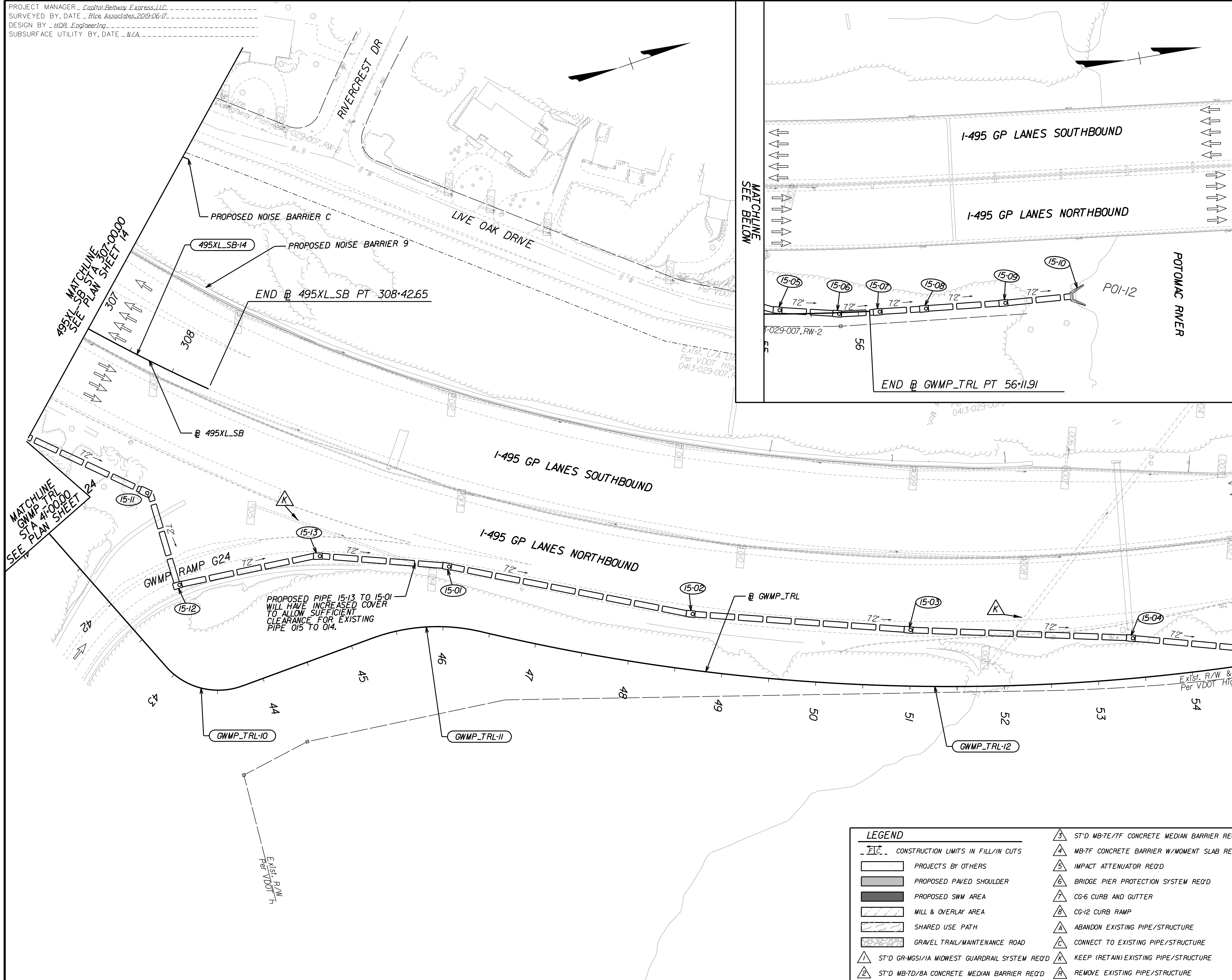
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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 14RW
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	15

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



MATCHLINE
STA 41+00.00
SEE PLAN SHEET 14

MATCHLINE
STA 307+00.00
SEE PLAN SHEET 14

MATCHLINE
THIS SHEET
SEE INSET

LEGEND

	CONSTRUCTION LIMITS IN FILL/IN CUTS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	PROJECTS BY OTHERS		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	PROPOSED PAVED SHOULDER		IMPACT ATTENUATOR REQ'D
	PROPOSED SWM AREA		BRIDGE PIER PROTECTION SYSTEM REQ'D
	MILL & OVERLAY AREA		CG-6 CURB AND GUTTER
	SHARED USE PATH		CG-12 CURB RAMP
	GRAVEL TRAIL/MAINTENANCE ROAD		ABANDON EXISTING PIPE/STRUCTURE
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D		CONNECT TO EXISTING PIPE/STRUCTURE
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D		KEEP (RETAIN) EXISTING PIPE/STRUCTURE
			REMOVE EXISTING PIPE/STRUCTURE

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 15
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

GEORGE WASHINGTON MEMORIAL PARKWAY BIKE TRAIL

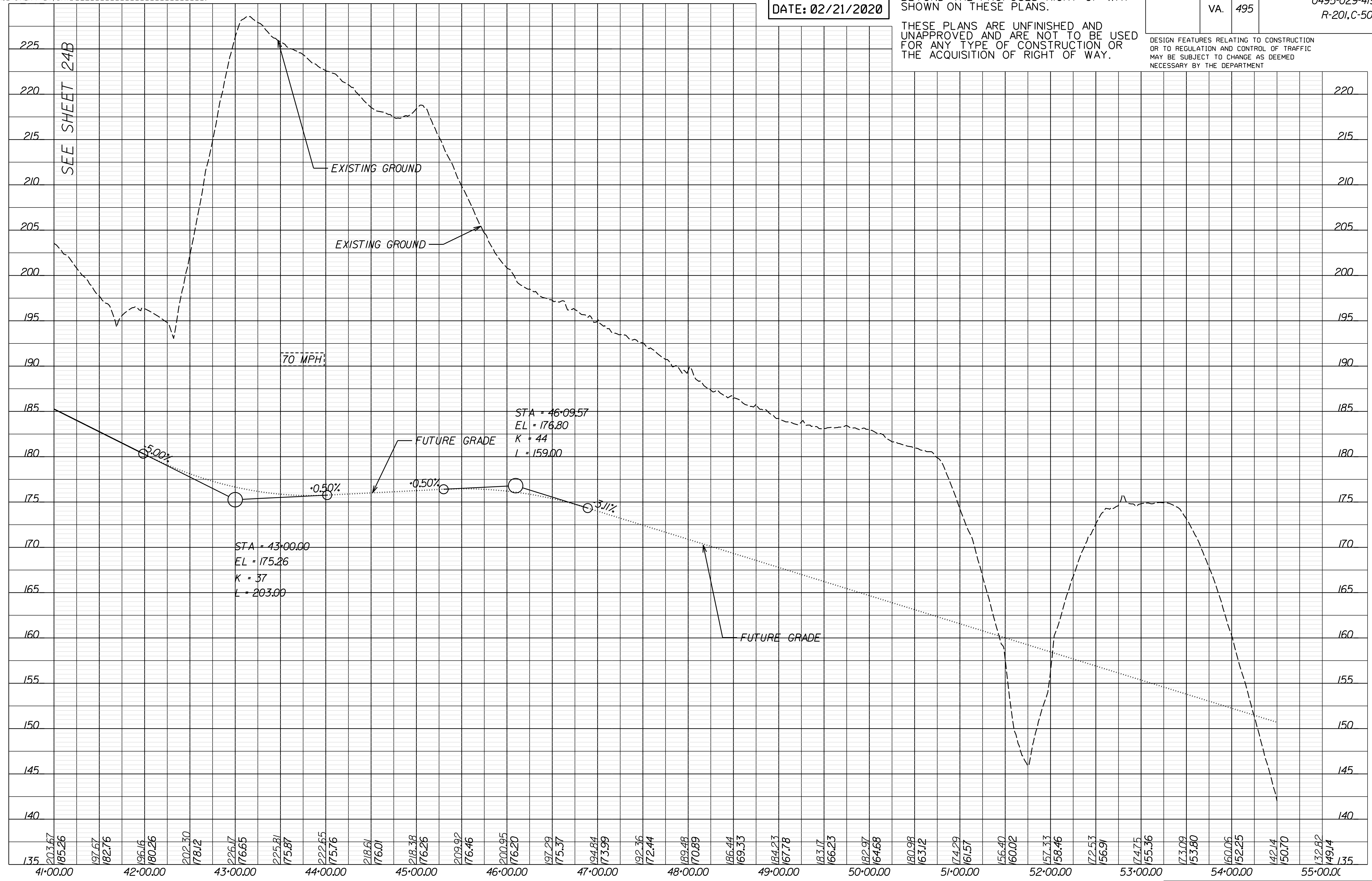
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	15A

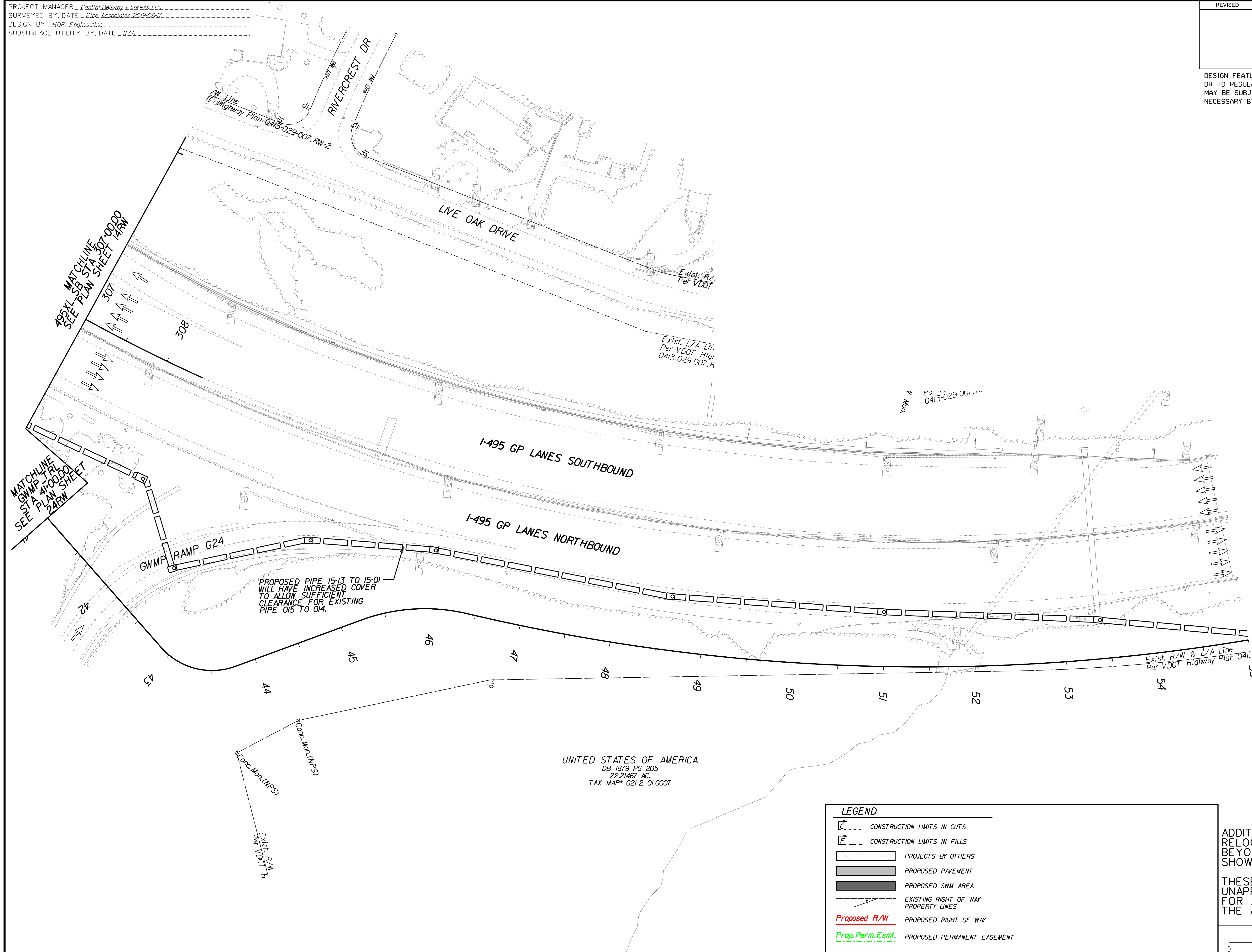
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Blice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	15RW

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



UNITED STATES OF AMERICA
DB 1879 PG 205
22.21467 AC.
TAX MAP* 021-2 01 0007

LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY PROPERTY LINES
- Proposed R/W** PROPOSED RIGHT OF WAY
- Prop. Perm. Esmt.** PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

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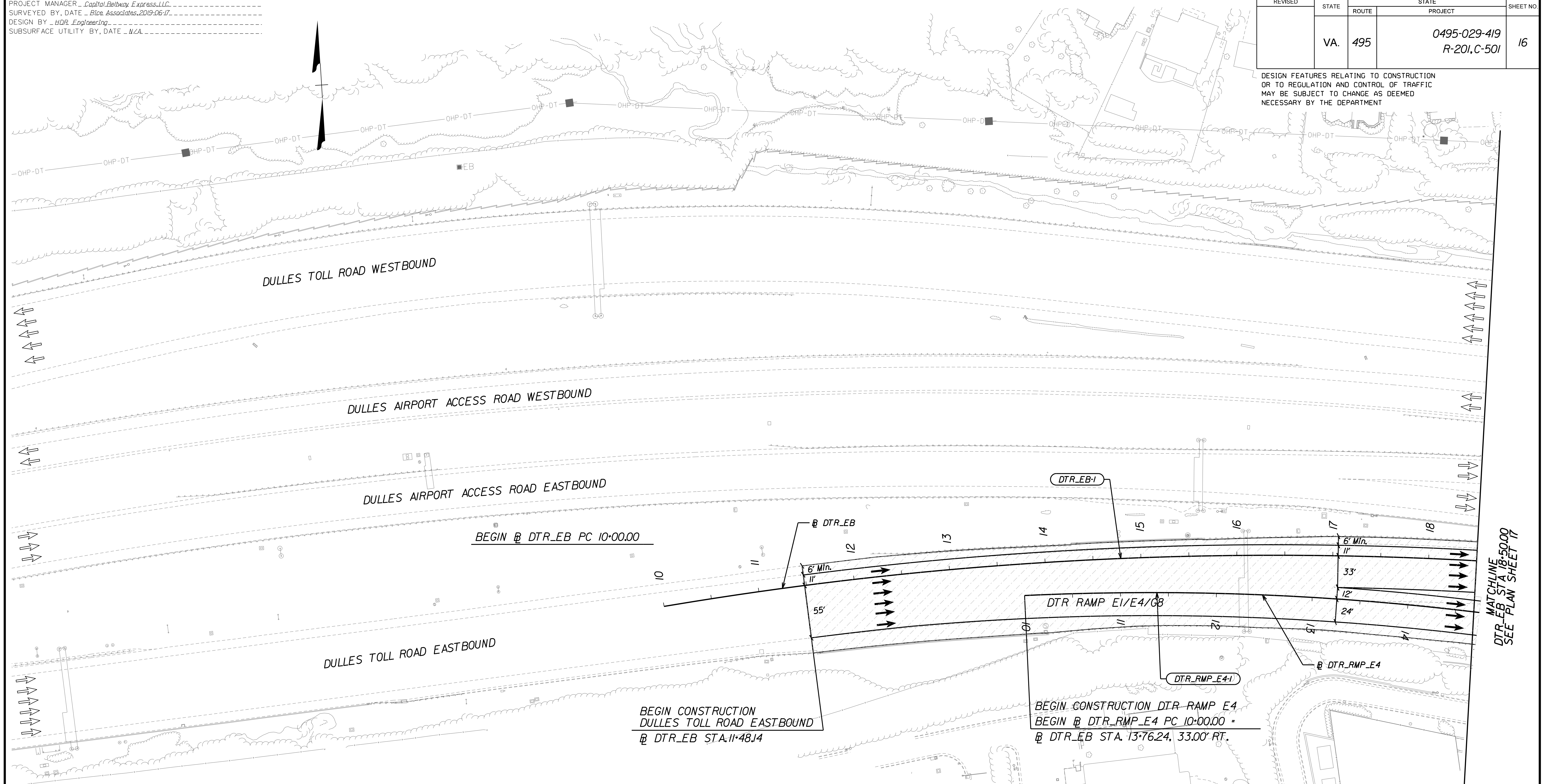
SCALE: 0 50' 100'

PROJECT: 0495-029-419
SHEET NO.: 15RW

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rtce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	16

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



MATCHLINE
DTR EB STA. 18+50.00
SEE PLAN SHEET 17

LEGEND	
	CONSTRUCTION LIMITS IN FILL/IN CUTS
	PROJECTS BY OTHERS
	PROPOSED PAVED SHOULDER
	PROPOSED SWM AREA
	MILL & OVERLAY AREA
	SHARED USE PATH
	GRAVEL TRAIL/MAINTENANCE ROAD
	3' D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D
	3' D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	3' D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	CG-6 CURB AND GUTTER
	CG-12 CURB RAMP
	ABANDON EXISTING PIPE/STRUCTURE
	CONNECT TO EXISTING PIPE/STRUCTURE
	KEEP (RETAIN) EXISTING PIPE/STRUCTURE
	REMOVE EXISTING PIPE/STRUCTURE

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 16
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PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

DULLES TOLL ROAD EASTBOUND

PUBLIC HEARING PLANS
DATE: 02/21/2020

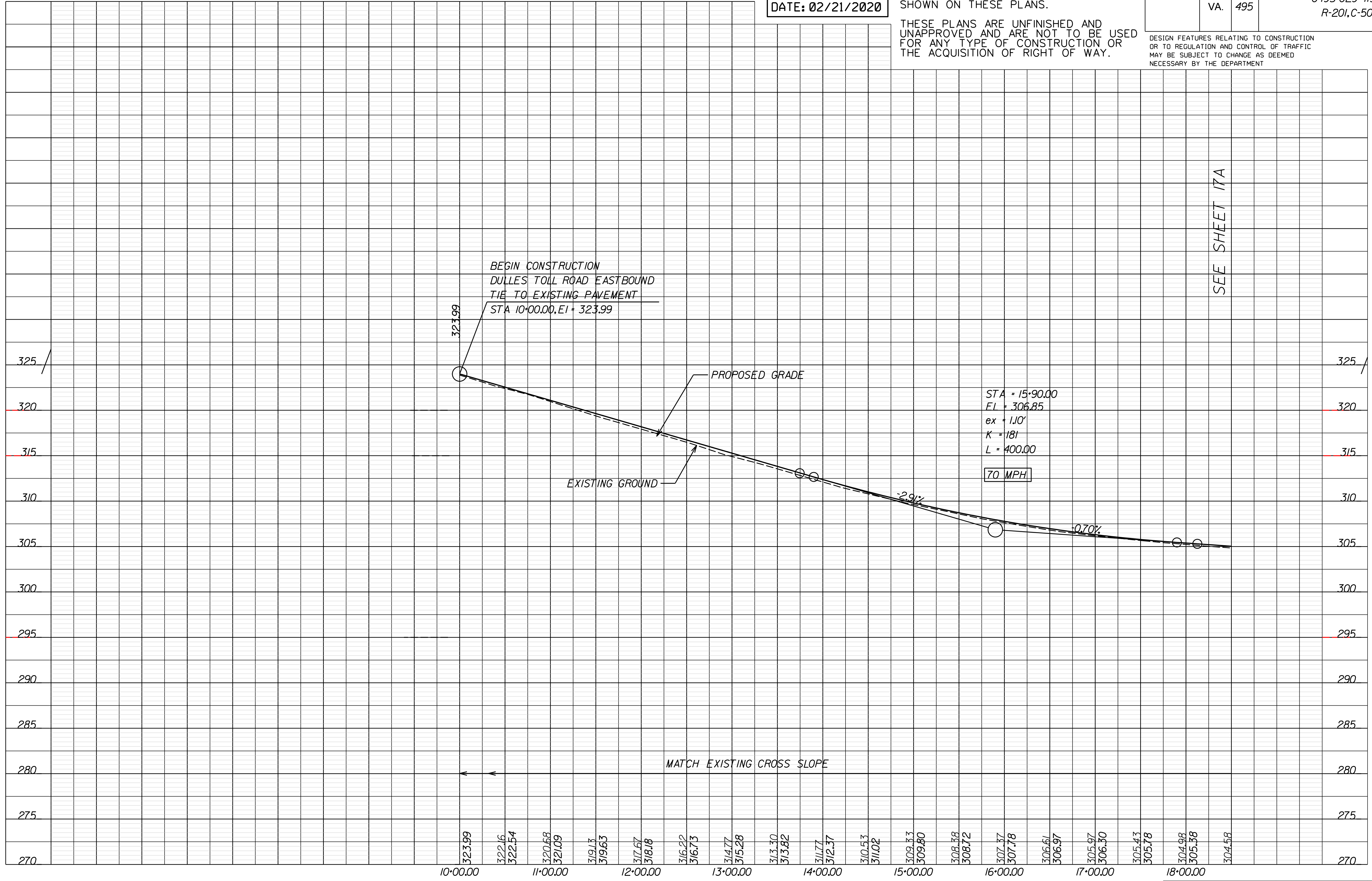
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	16A

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

SEE SHEET 17A



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DTR RAMP E4

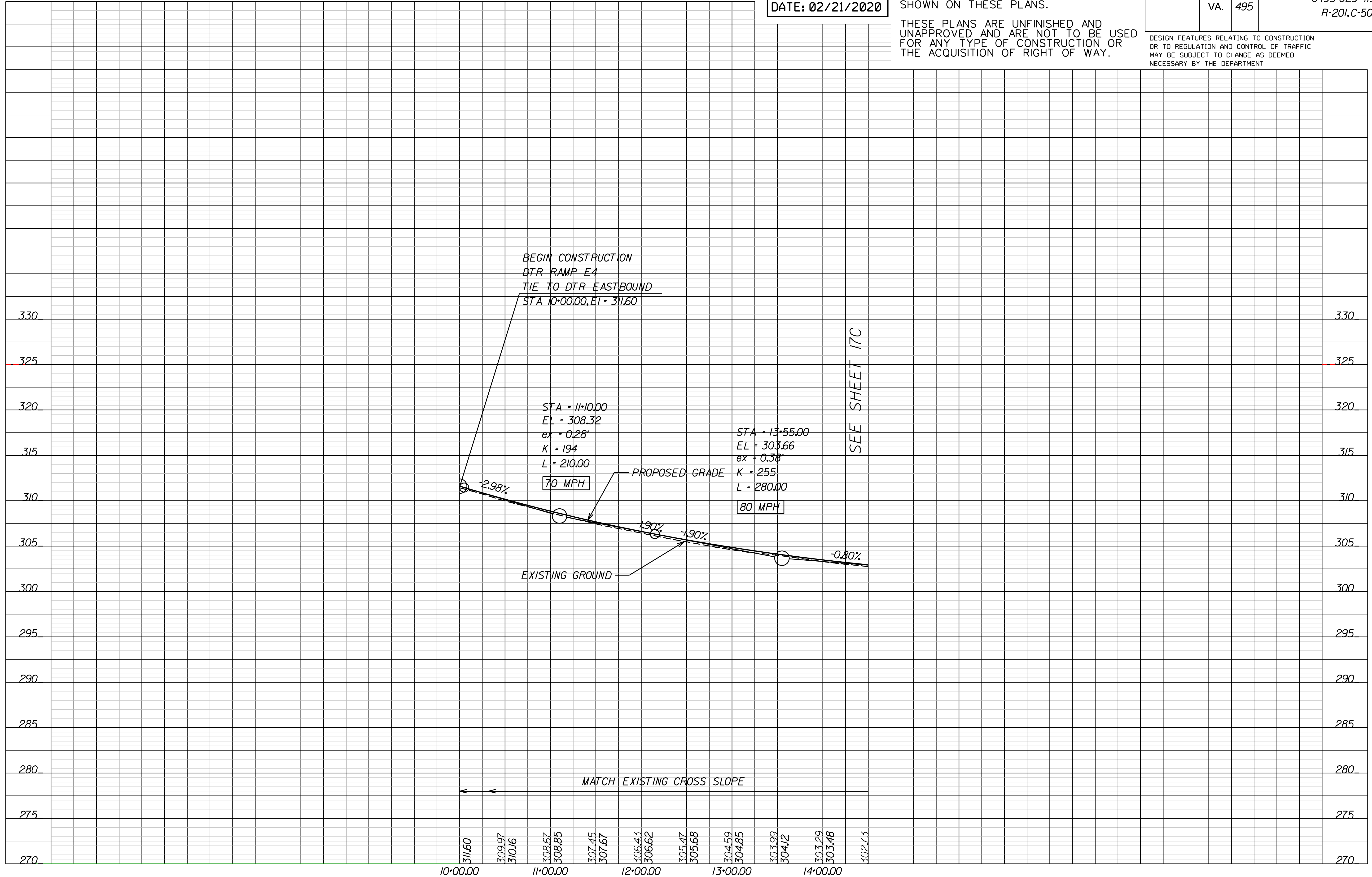
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	16B

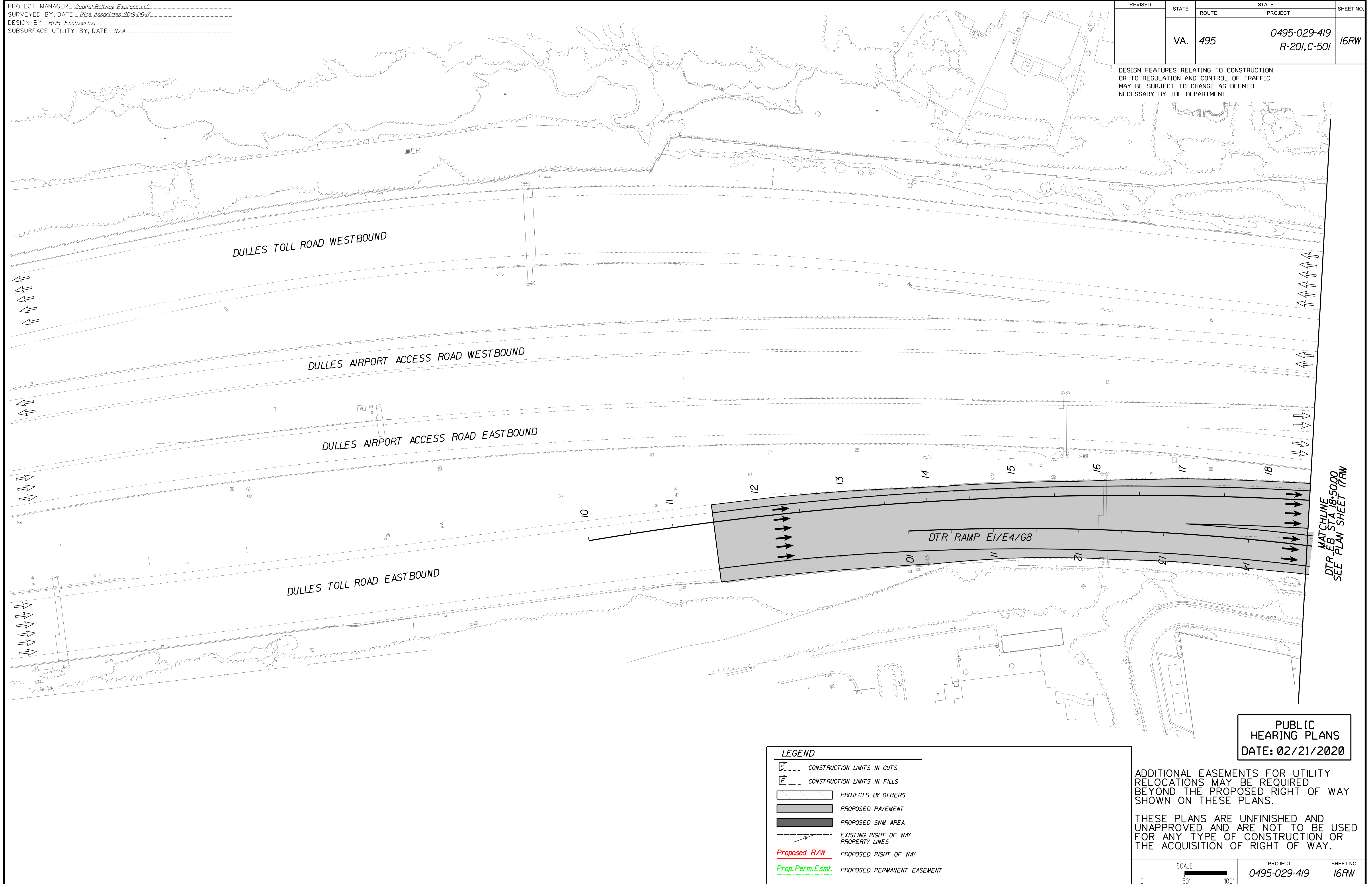
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



PROJECT MANAGER *Capital Beltway Express, LLC*
 SURVEYED BY, DATE *Rtce Associates, 2019-06-17*
 DESIGN BY *HDR Engineering*
 SUBSURFACE UTILITY BY, DATE *N/A*

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	16RW

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



MATCHLINE
DTR EB STA 18+500
SEE PLAN SHEET 17RW

LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY
- PROPERTY LINES
- PROPOSED RIGHT OF WAY
- PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

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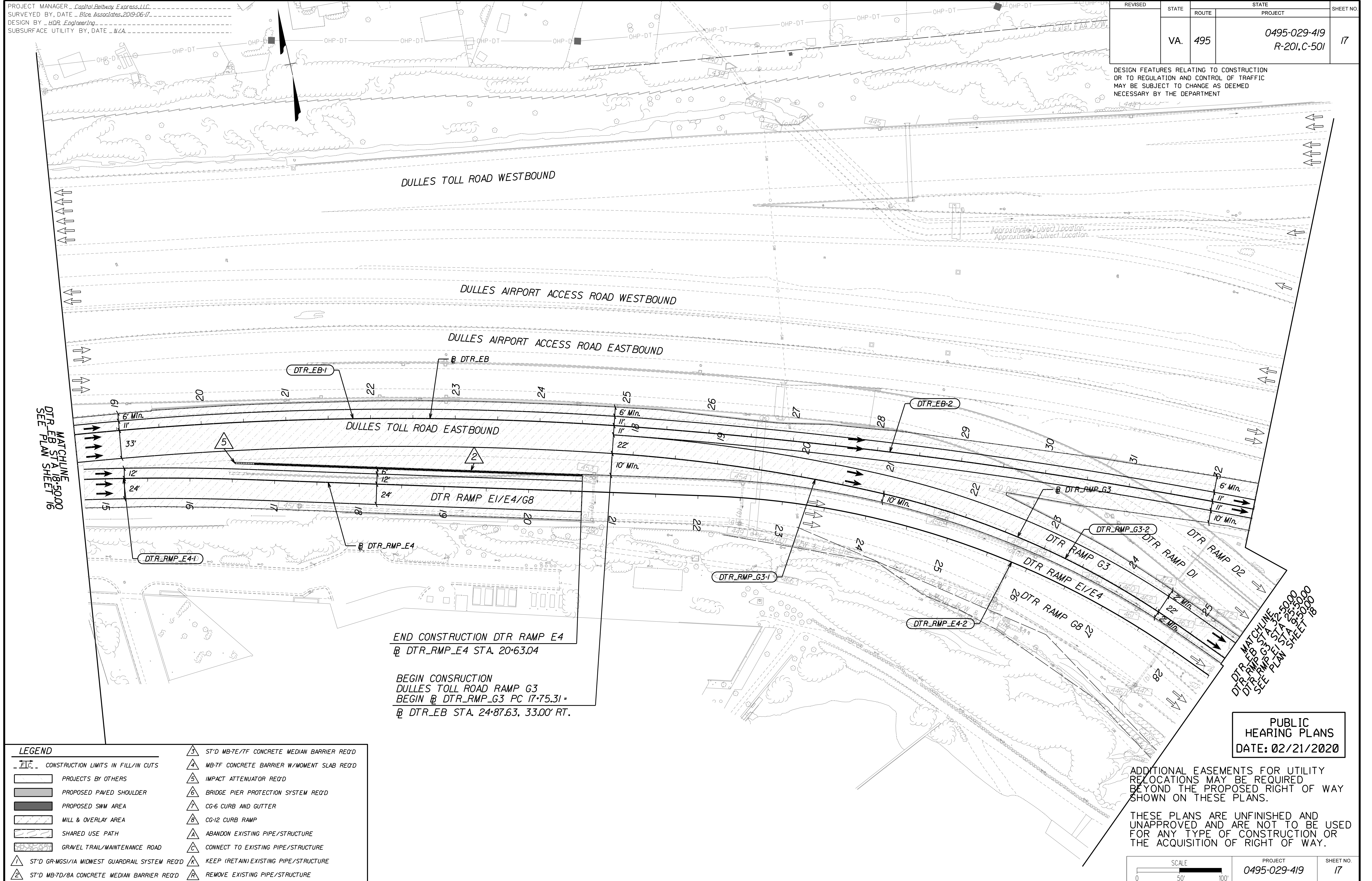
SCALE 0 50' 100'

PROJECT	SHEET NO.
0495-029-419	16RW

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Blca Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	17

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



MATCHLINE STA 18+50.00 SEE PLAN SHEET 16

MATCHLINE STA 32+50.00 SEE PLAN SHEET 18

END CONSTRUCTION DTR RAMP E4
@ DTR_RMP_E4 STA. 20+63.04

BEGIN CONSTRUCTION
DULLES TOLL ROAD RAMP G3
BEGIN @ DTR_RMP_G3 PC 17+75.31 -
@ DTR_EB STA. 24+87.63, 33.00' RT.

LEGEND	
	CONSTRUCTION LIMITS IN FILL/IN CUTS
	PROJECTS BY OTHERS
	PROPOSED PAVED SHOULDER
	PROPOSED SWM AREA
	MILL & OVERLAY AREA
	SHARED USE PATH
	GRAVEL TRAIL/MAINTENANCE ROAD
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	CG-6 CURB AND GUTTER
	CG-12 CURB RAMP
	ABANDON EXISTING PIPE/STRUCTURE
	CONNECT TO EXISTING PIPE/STRUCTURE
	KEEP (RETAIN) EXISTING PIPE/STRUCTURE
	REMOVE EXISTING PIPE/STRUCTURE

PUBLIC HEARING PLANS
DATE: 02/21/2020

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PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

DULLES TOLL ROAD EASTBOUND

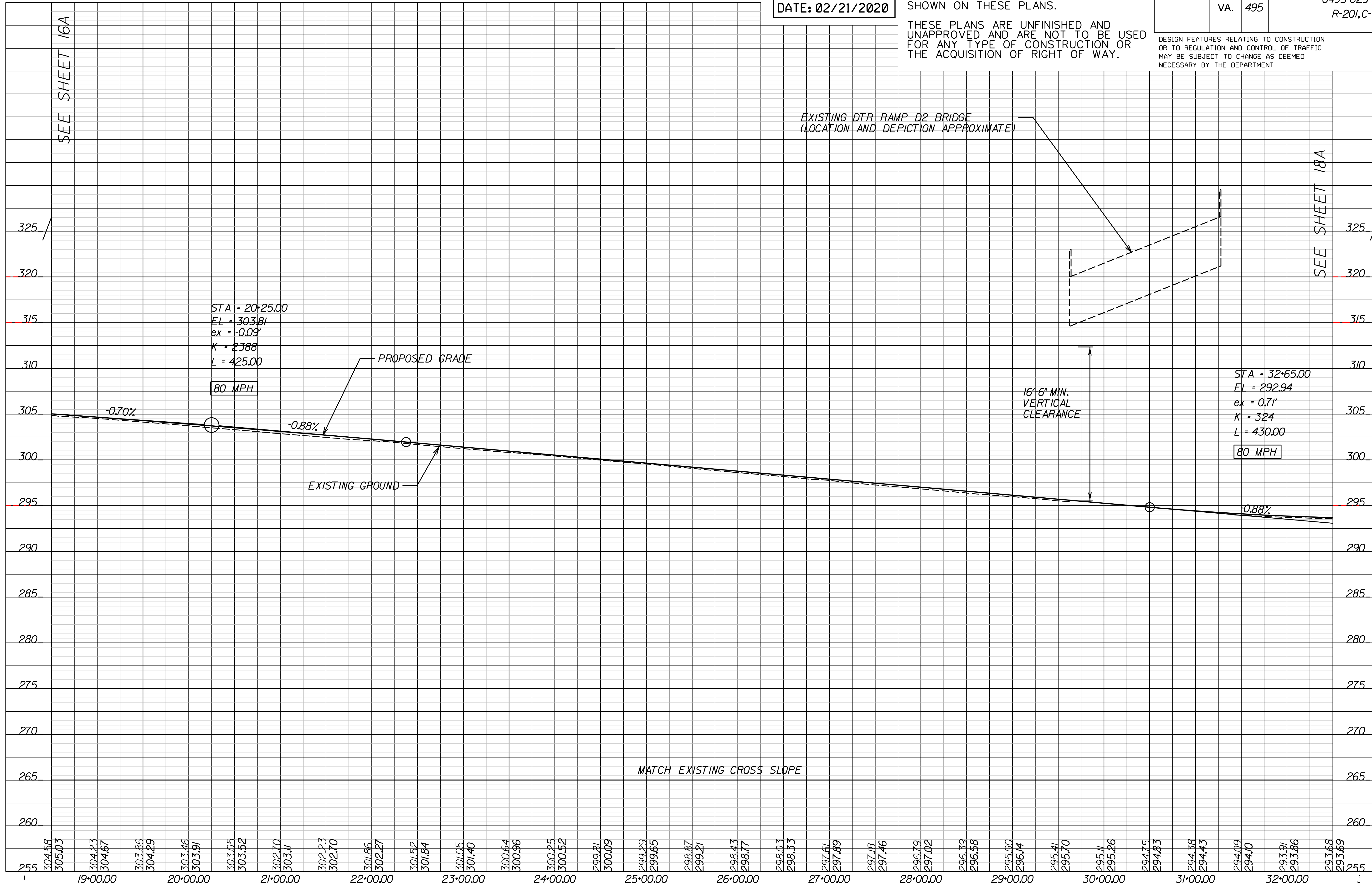
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	17A

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



SEE SHEET 16A

SEE SHEET 18A

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DTR RAMP G3

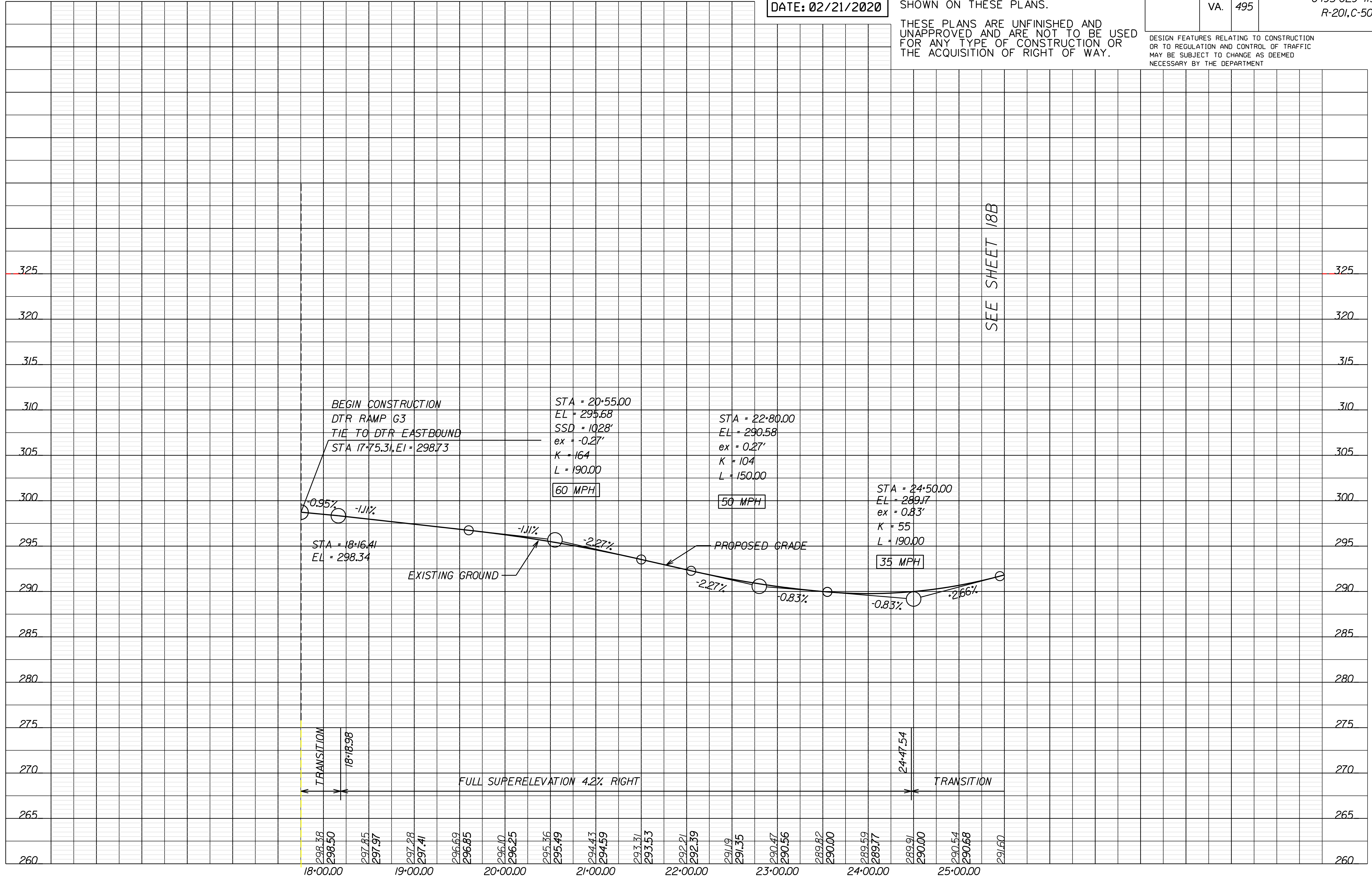
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	17B

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



SEE SHEET 18B

PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

DTR RAMP E4

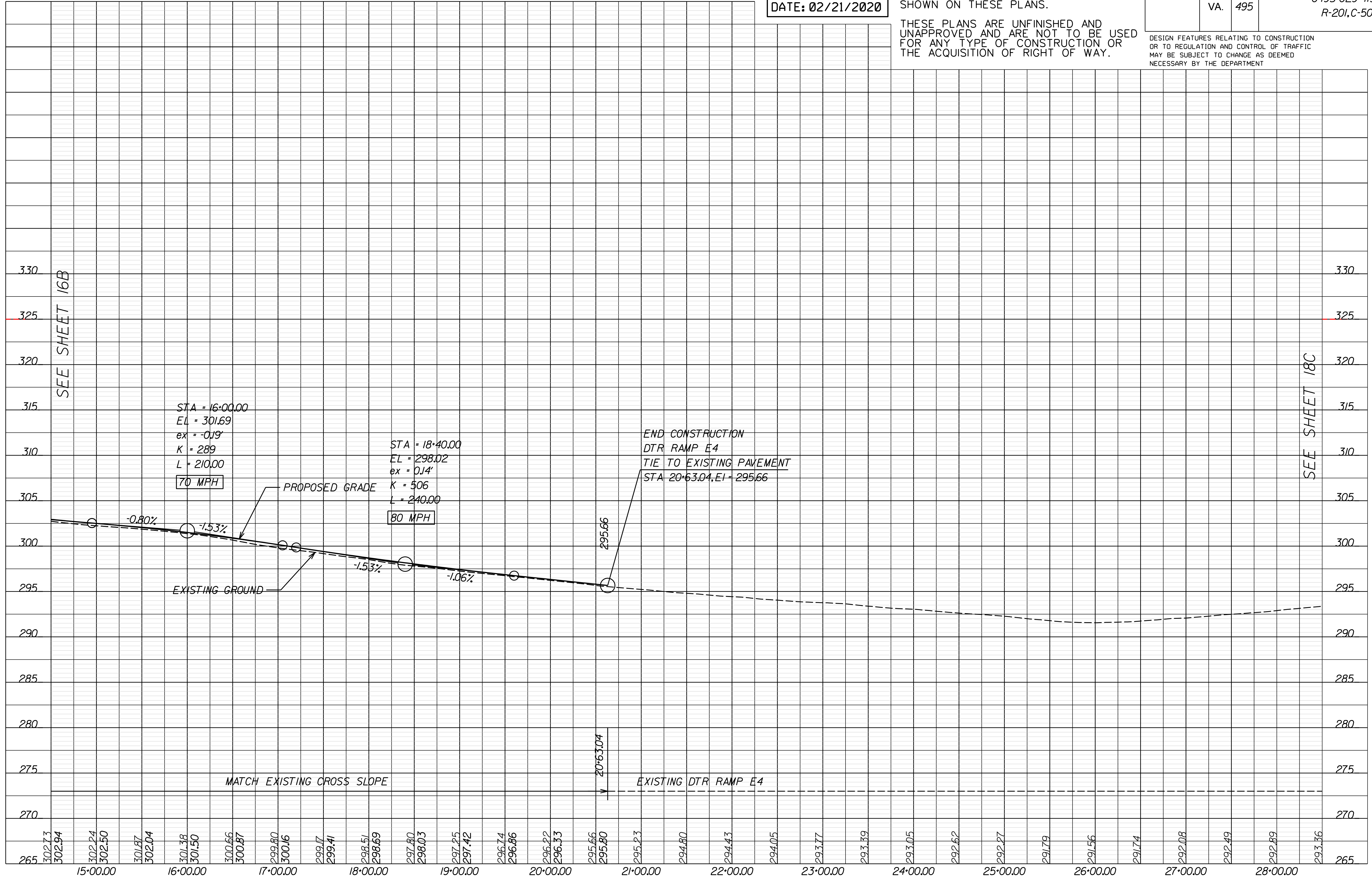
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	17C

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



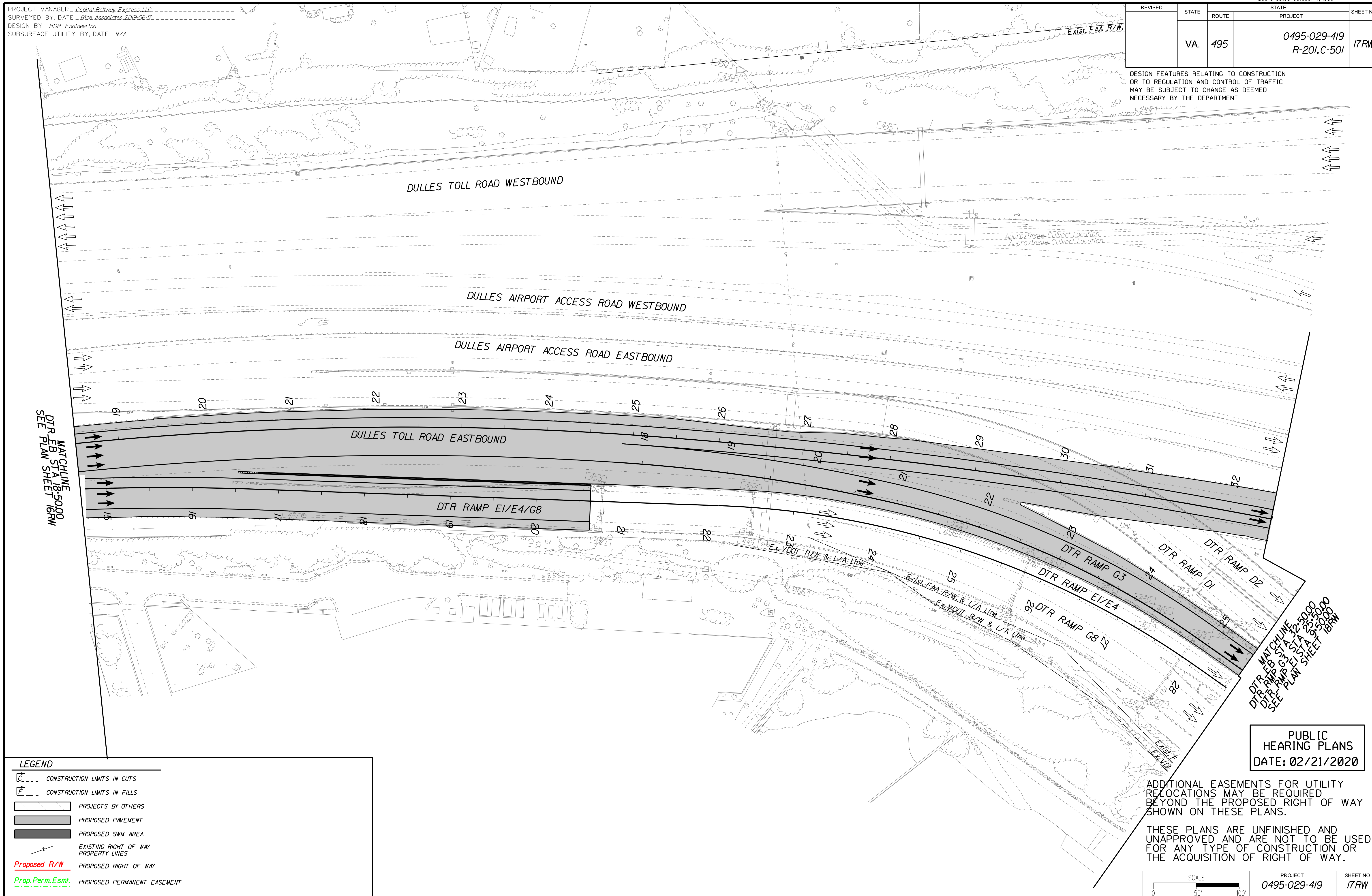
SEE SHEET 16B

SEE SHEET 18C

PROJECT MANAGER Capital Beltway Express, LLC
 SURVEYED BY, DATE Btce Associates, 2019-06-17
 DESIGN BY HDR Engineering
 SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	17RW

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



LEGEND

	CONSTRUCTION LIMITS IN CUTS
	CONSTRUCTION LIMITS IN FILLS
	PROJECTS BY OTHERS
	PROPOSED PAVEMENT
	PROPOSED SWM AREA
	EXISTING RIGHT OF WAY PROPERTY LINES
	PROPOSED RIGHT OF WAY
	PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 17RW
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DULLES TOLL ROAD EASTBOUND

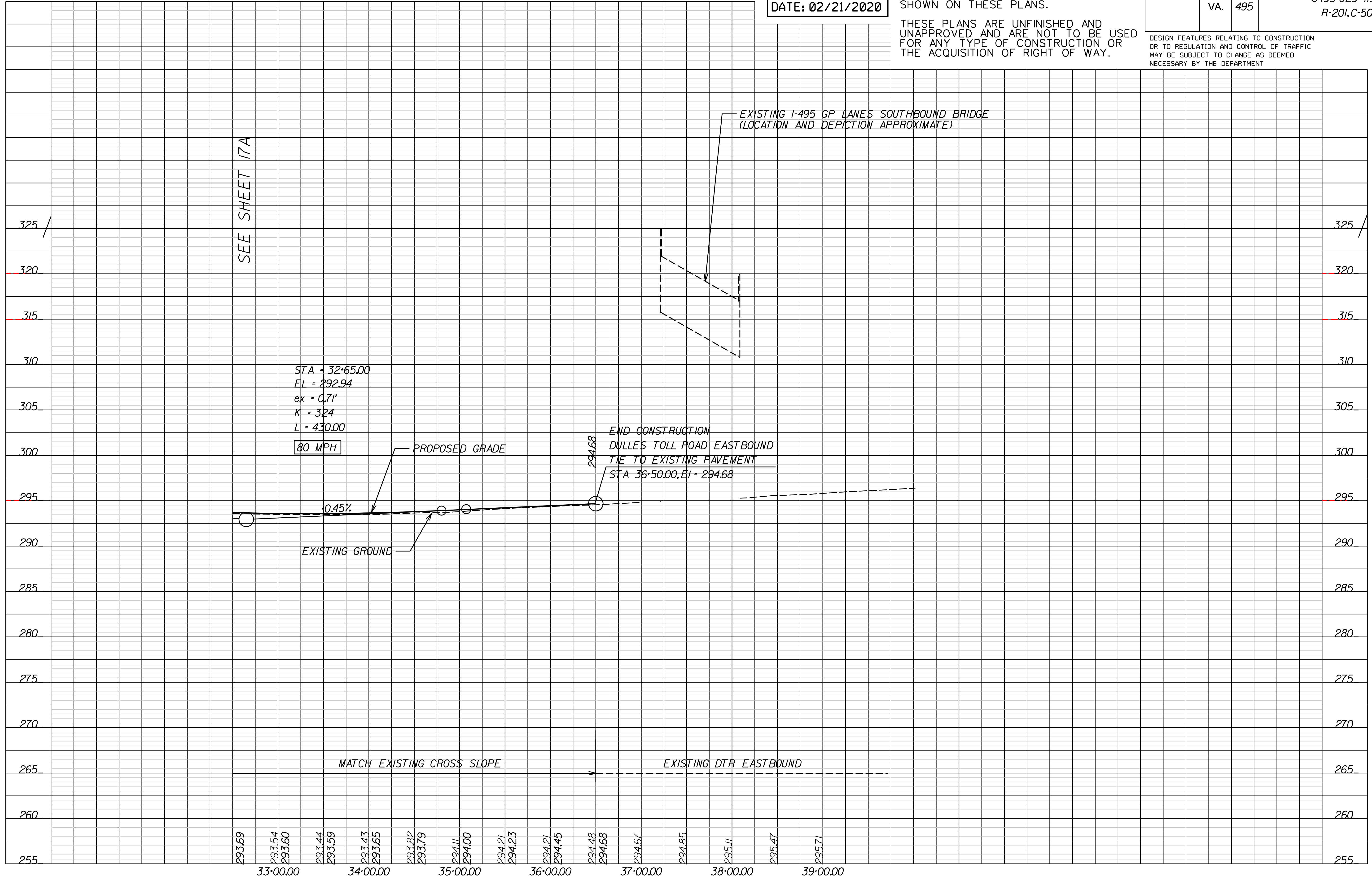
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	18A

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



SEE SHEET 17A

STA = 32+65.00
EL = 292.94
ex = 0.71'
K = 324
L = 430.00

80 MPH

293.69 293.54 293.60 293.44 293.59 293.43 293.65 293.82 293.79 294.11 294.00 294.21 294.23 294.21 294.45 294.48 294.68 294.67 294.85 295.11 295.47 295.71

33+00.00 34+00.00 35+00.00 36+00.00 37+00.00 38+00.00 39+00.00

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DTR RAMP G3

PUBLIC HEARING PLANS
DATE: 02/21/2020

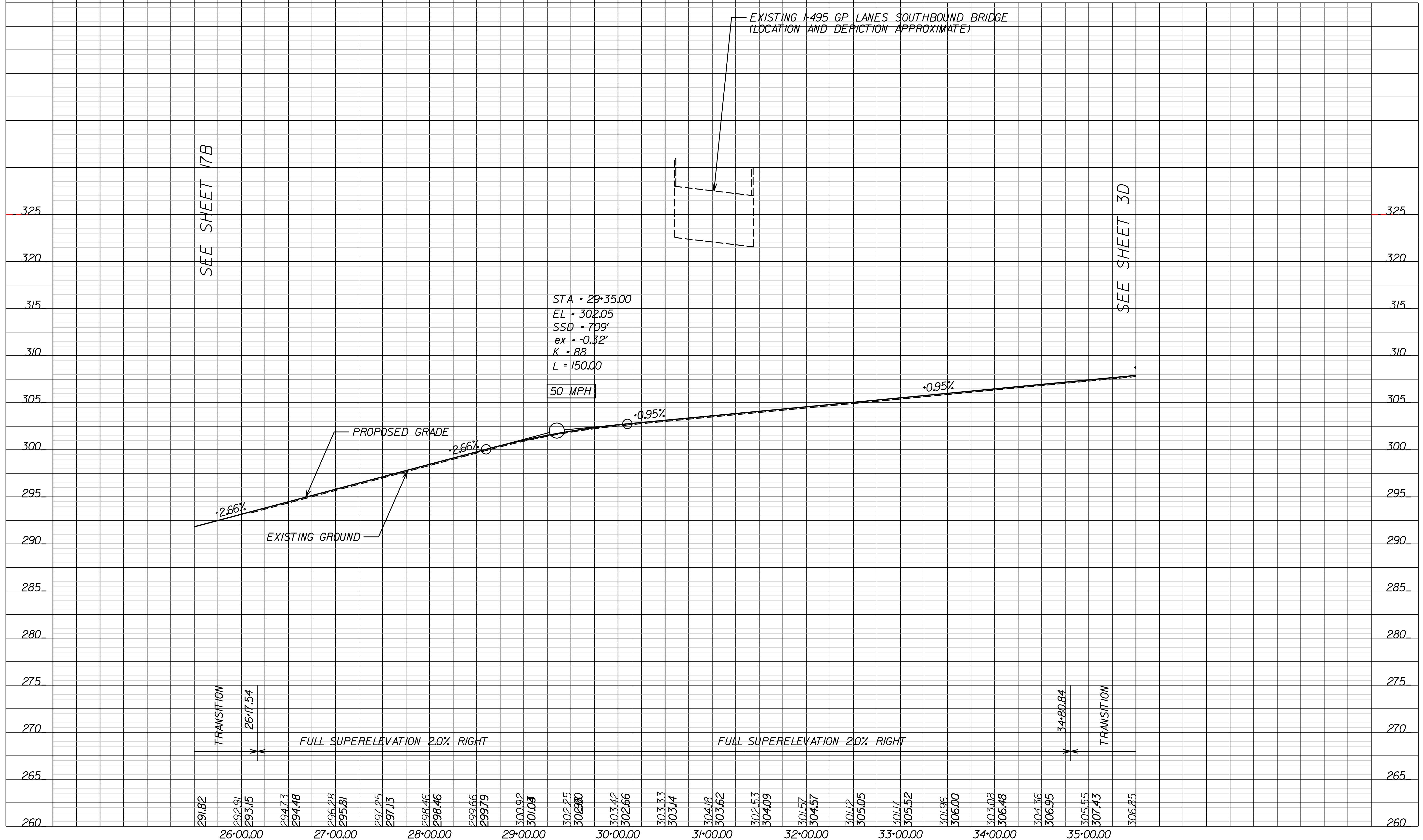
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	18B

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

EXISTING I-495 GP LANES SOUTHBOUND BRIDGE
(LOCATION AND DEPICTION APPROXIMATE)



SEE SHEET 17B

SEE SHEET 3D

STA = 29+35.00
EL = 302.05
SSD = 709'
ex = -0.32'
K = 88
L = 150.00

50 MPH

TRANSITION

26+17.54

FULL SUPERELEVATION 2.0% RIGHT

FULL SUPERELEVATION 2.0% RIGHT

TRANSITION

34+80.84

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DTR RAMP E4

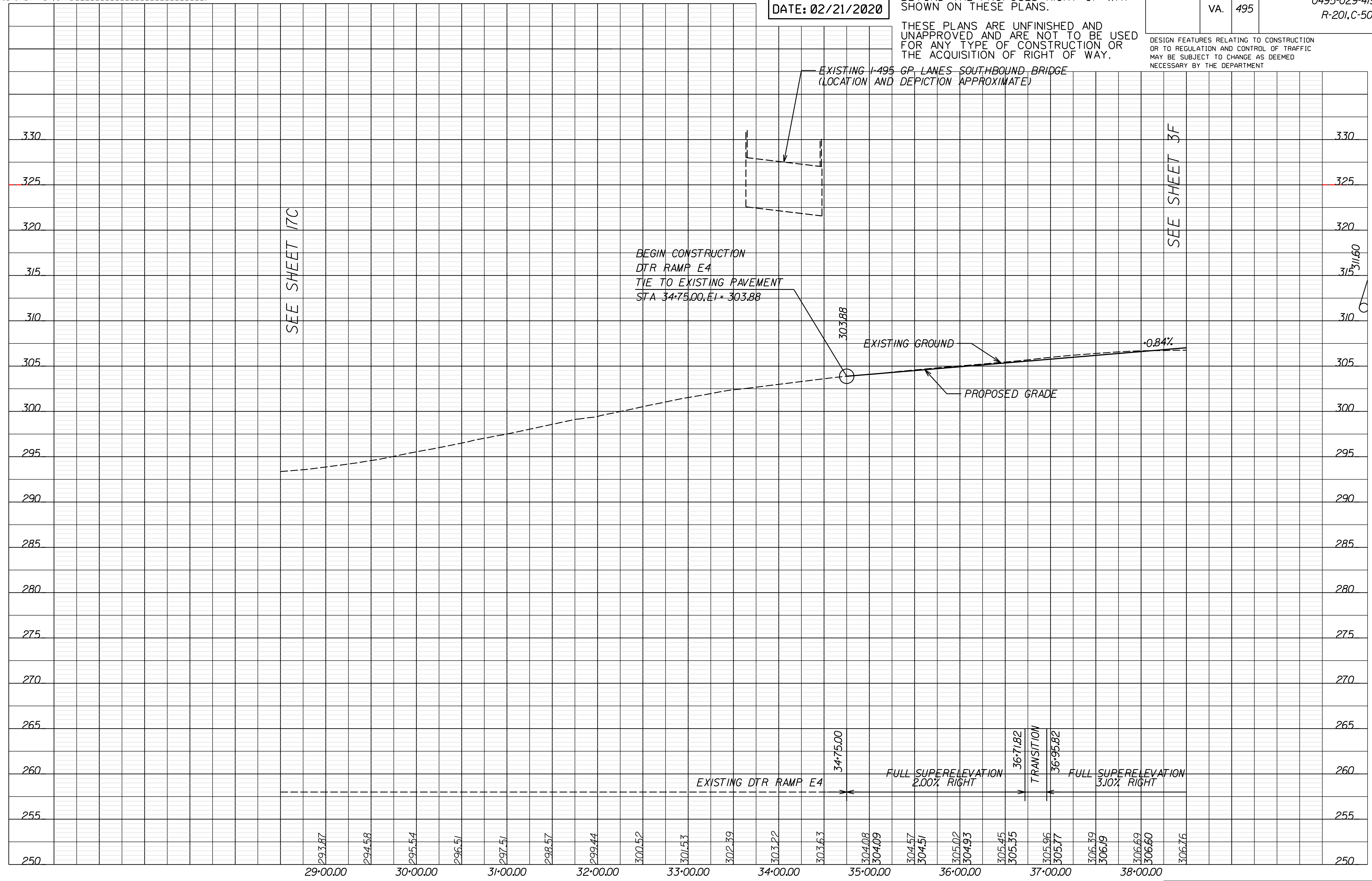
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	18C

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



SEE SHEET 17C

SEE SHEET 3F

BEGIN CONSTRUCTION
DTR RAMP E4
TIE TO EXISTING PAVEMENT
STA 34+75.00, E1 = 303.88

EXISTING I-495 GP LANES SOUTHBOUND BRIDGE
(LOCATION AND DEPICTION APPROXIMATE)

EXISTING GROUND

PROPOSED GRADE

311.60

+0.84%

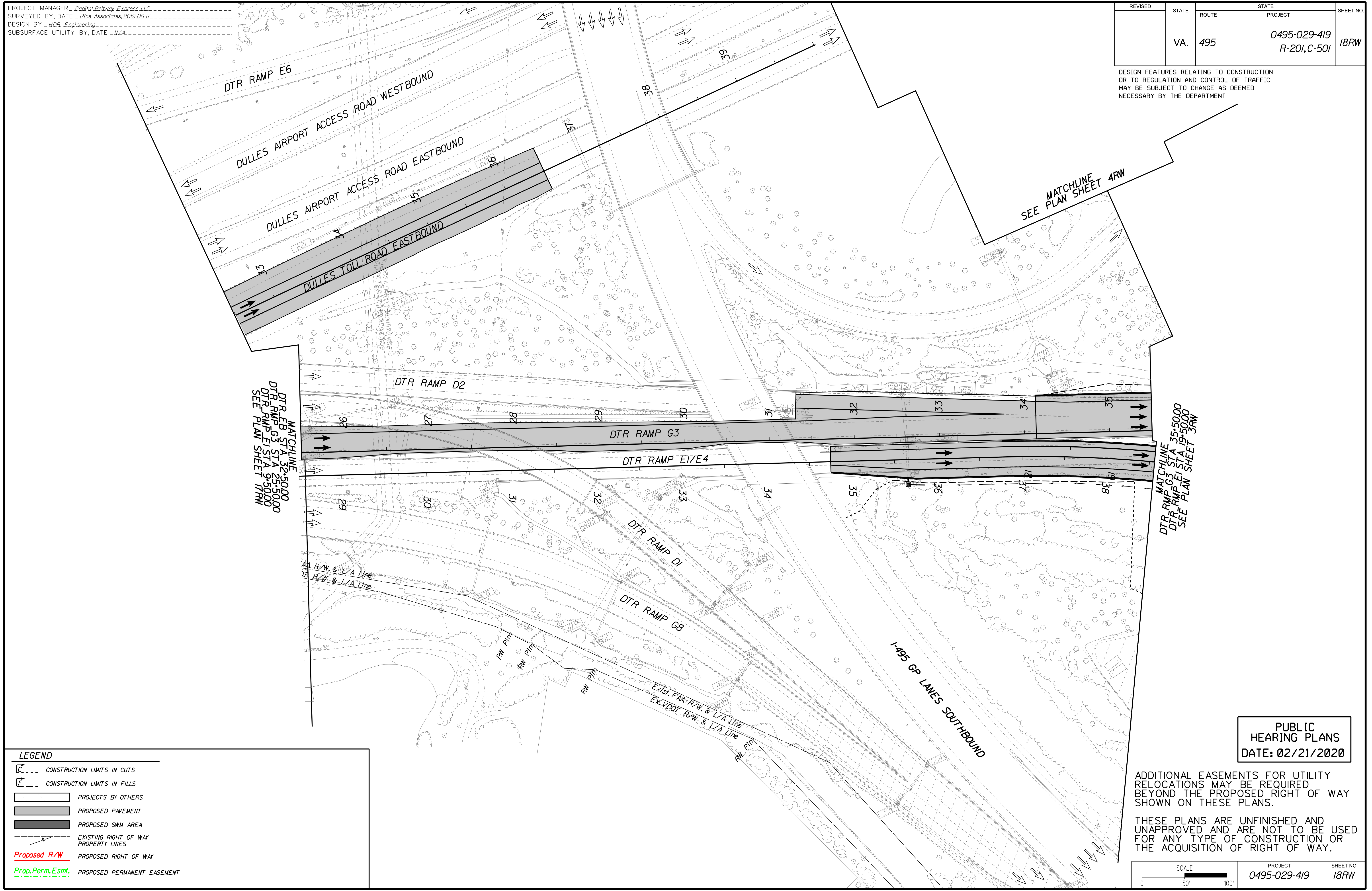
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29+00.00 30+00.00 31+00.00 32+00.00 33+00.00 34+00.00 35+00.00 36+00.00 37+00.00 38+00.00

PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Btce Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	18RW

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



LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY PROPERTY LINES
- Proposed R/W PROPOSED RIGHT OF WAY
- Prop. Perm. Esmt. PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

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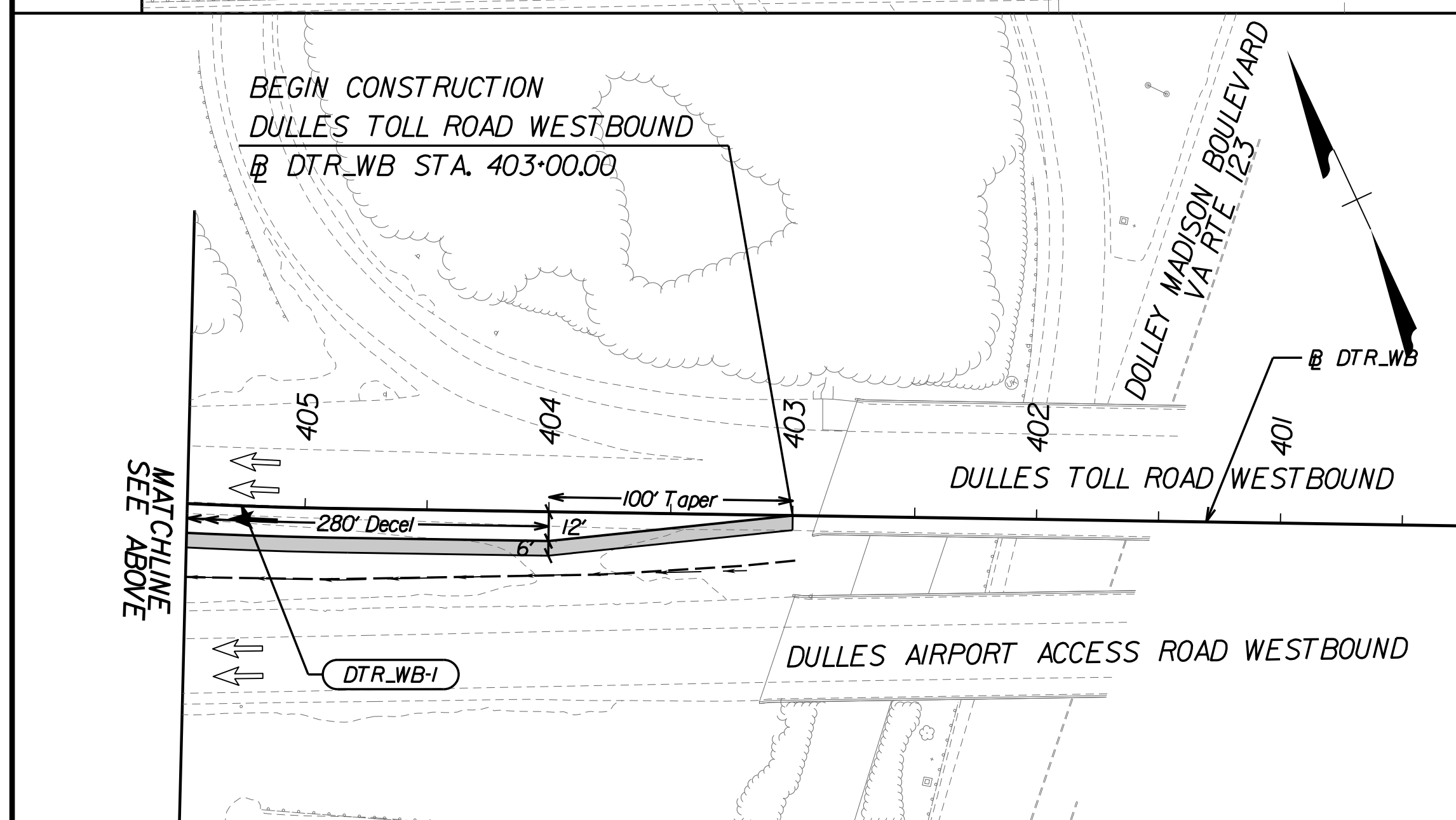
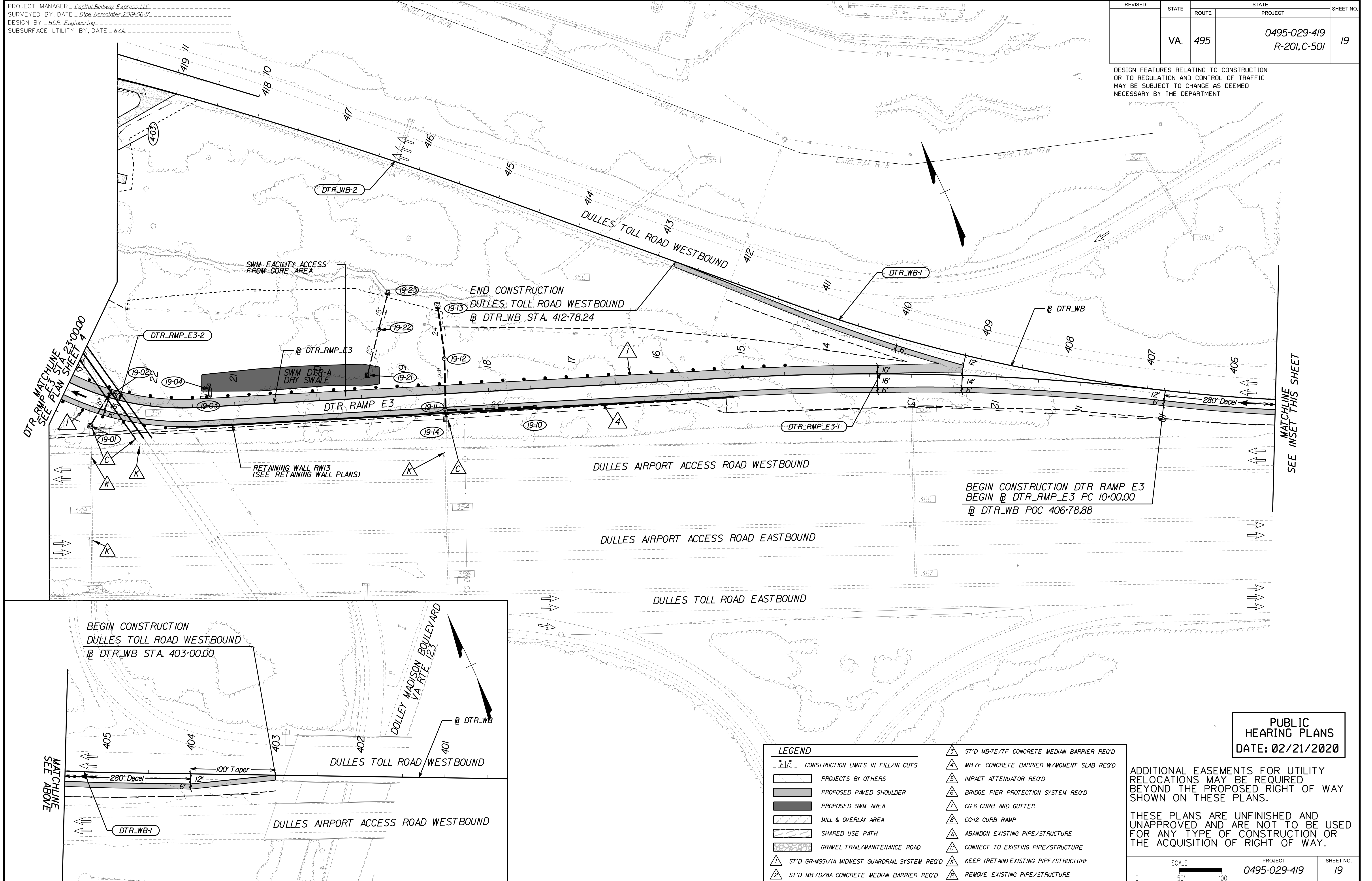
SCALE

PROJECT	SHEET NO.
0495-029-419	18RW

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	19

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



LEGEND

	CONSTRUCTION LIMITS IN FILL/IN CUTS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	PROJECTS BY OTHERS		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	PROPOSED PAVED SHOULDER		IMPACT ATTENUATOR REQ'D
	PROPOSED SWM AREA		BRIDGE PIER PROTECTION SYSTEM REQ'D
	MILL & OVERLAY AREA		CG-6 CURB AND GUTTER
	SHARED USE PATH		CG-12 CURB RAMP
	GRAVEL TRAIL/MAINTENANCE ROAD		ABANDON EXISTING PIPE/STRUCTURE
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D		CONNECT TO EXISTING PIPE/STRUCTURE
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D		KEEP (RETAIN) EXISTING PIPE/STRUCTURE
			REMOVE EXISTING PIPE/STRUCTURE

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SCALE 0 50' 100'

PROJECT	SHEET NO.
0495-029-419	19

PUBLIC HEARING PLANS
DATE: 02/21/2020

DTR RAMP E3 STA 23+00.00
SEE PLAN SHEET 4

MATCHLINE
SEE INSET THIS SHEET

PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice, Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

DTR RAMP E3

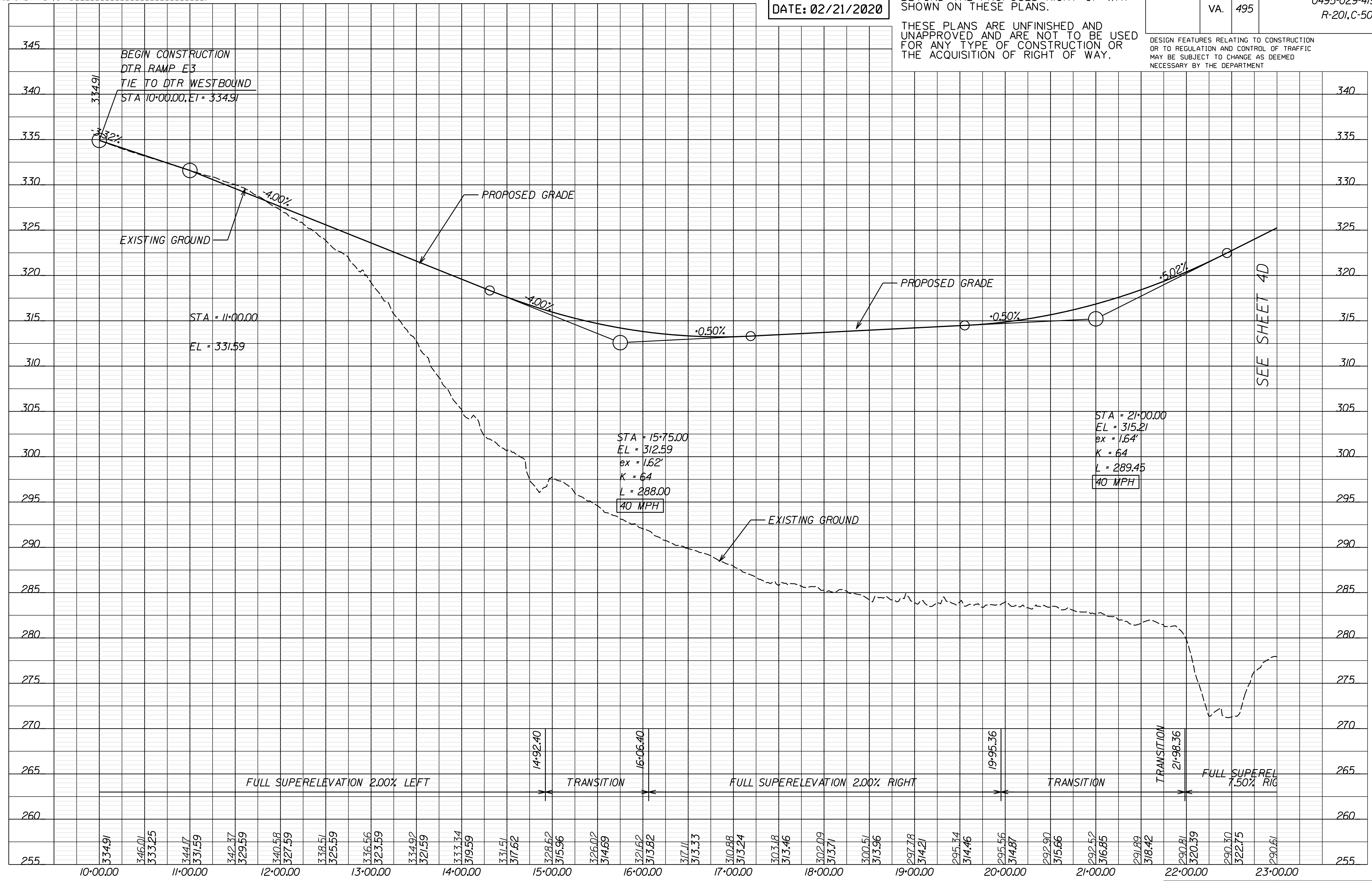
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	19A

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



SEE SHEET 4D

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

DULLES TOLL ROAD WESTBOUND

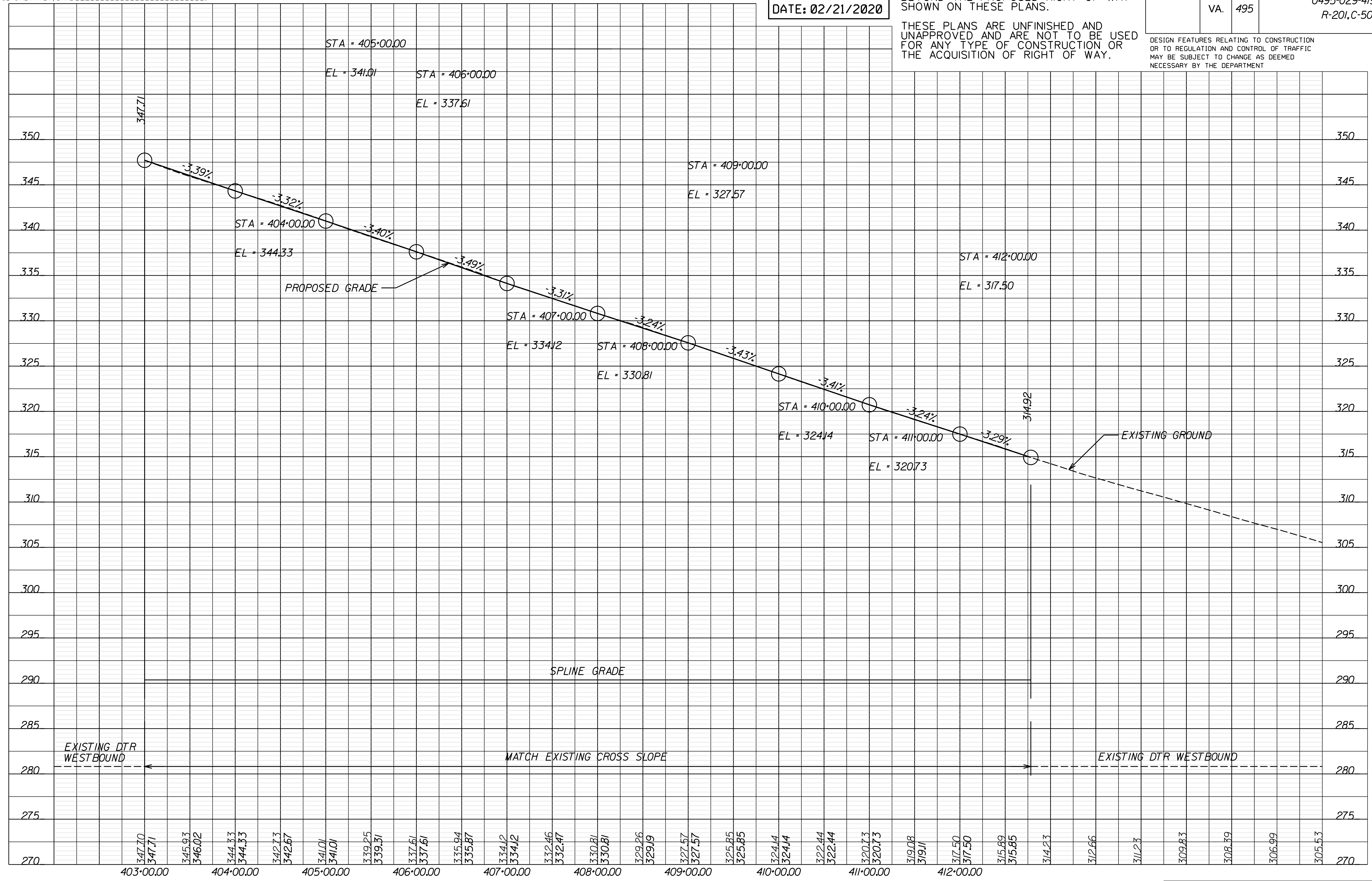
PUBLIC HEARING PLANS
DATE: 02/21/2020

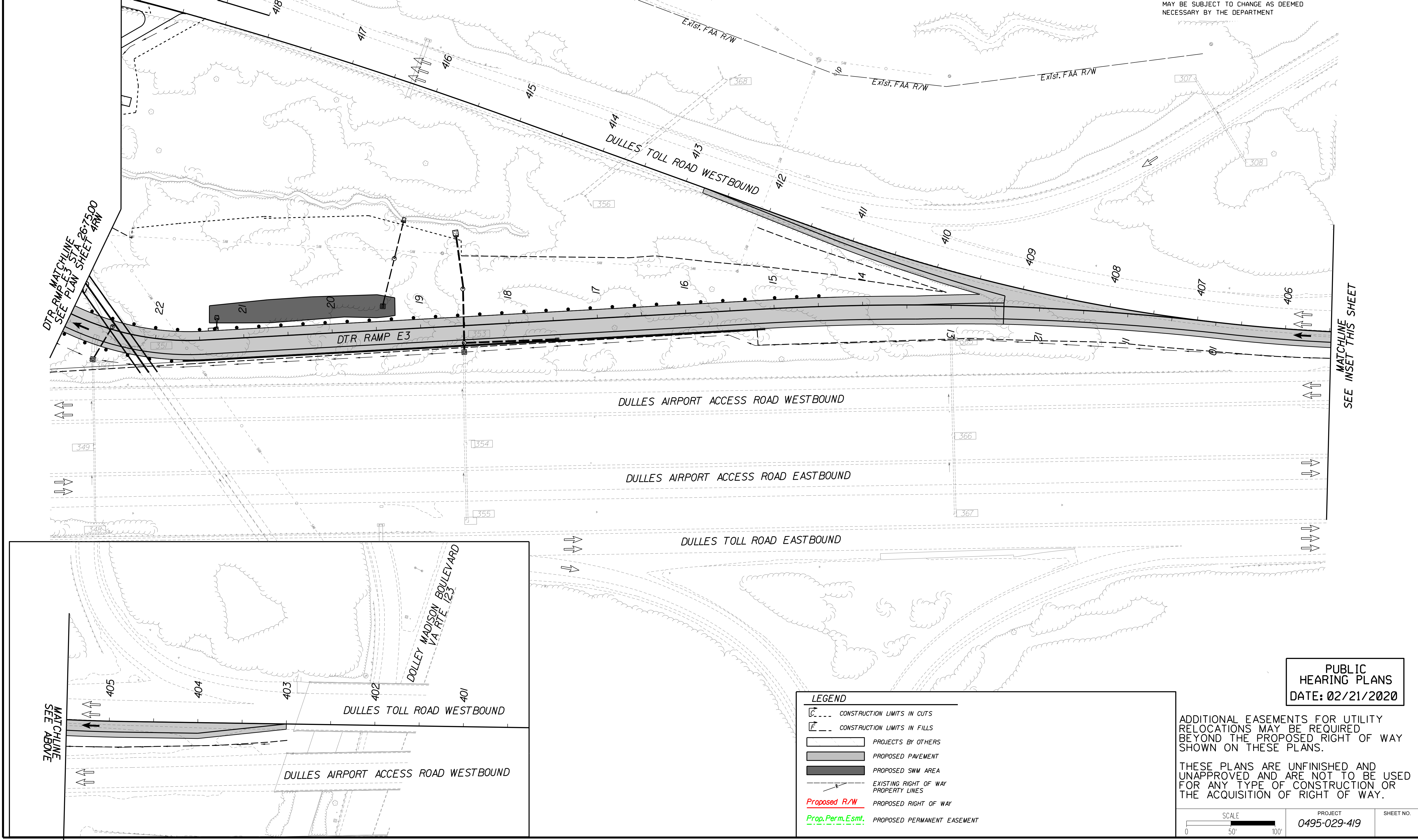
ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	19B

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

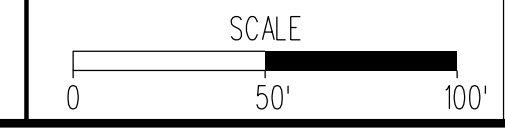




PUBLIC HEARING PLANS
 DATE: 02/21/2020

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PROJECT 0495-029-419
 SHEET NO.

DTR RAMP E3 STA 26+75.00
 SEE PLAN SHEET 418

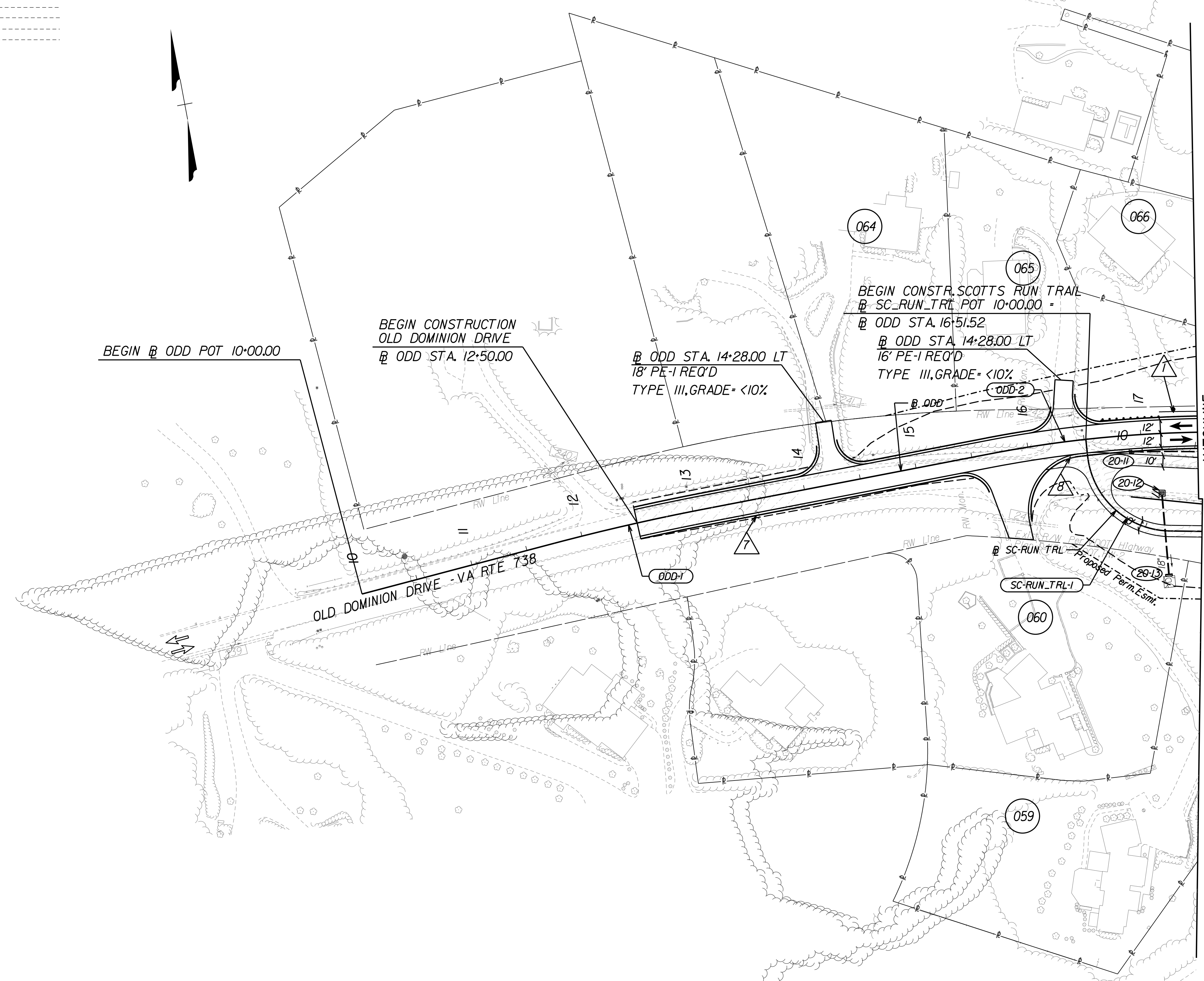
MATCHLINE
 SEE INSET THIS SHEET

MATCHLINE
 SEE ABOVE

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rtce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	20

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



MATCHLINE
ODD STA 17+50.00
SC_RUN_TRL STA 17+50.00
SEE PLAN SHEET 8

LEGEND	
	CONSTRUCTION LIMITS IN FILL/IN CUTS
	PROJECTS BY OTHERS
	PROPOSED PAVED SHOULDER
	PROPOSED SWM AREA
	MILL & OVERLAY AREA
	SHARED USE PATH
	GRAVEL TRAIL/MAINTENANCE ROAD
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	CG-6 CURB AND GUTTER
	CG-12 CURB RAMP
	ABANDON EXISTING PIPE/STRUCTURE
	CONNECT TO EXISTING PIPE/STRUCTURE
	KEEP (RETAIN) EXISTING PIPE/STRUCTURE
	REMOVE EXISTING PIPE/STRUCTURE

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 20
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

OLD DOMINION DRIVE - VA ROUTE 738

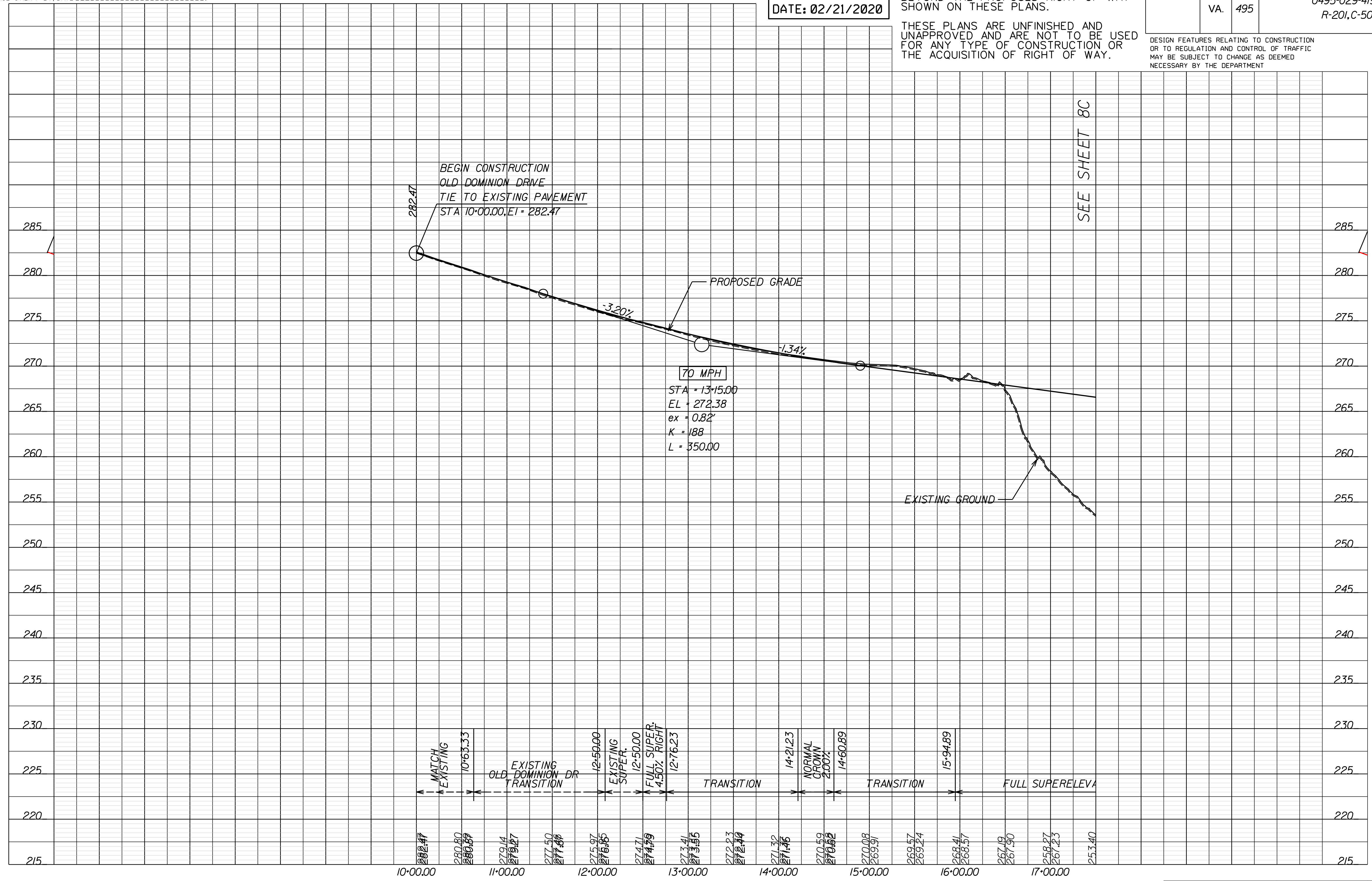
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	20A

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

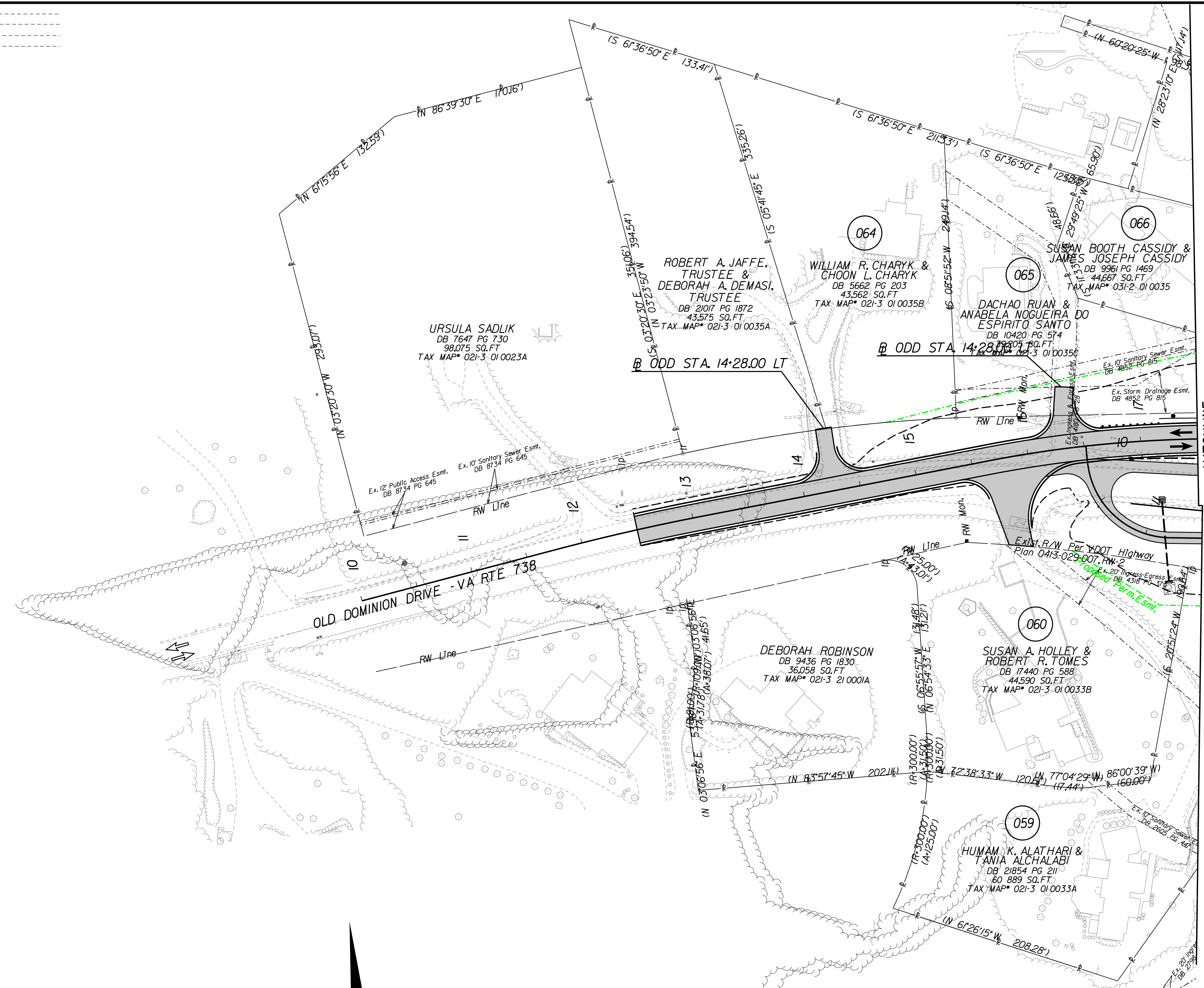


SEE SHEET 8C

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rtce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	20RW

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



MATCHLINE
ODD STA 17+50.00
SC-RUN TRL STA 17+50.00
SEE PLAN SHEET 8RW

OLD DOMINION DRIVE - VA RTE 738

LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY PROPERTY LINES
- PROPOSED RIGHT OF WAY
- PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

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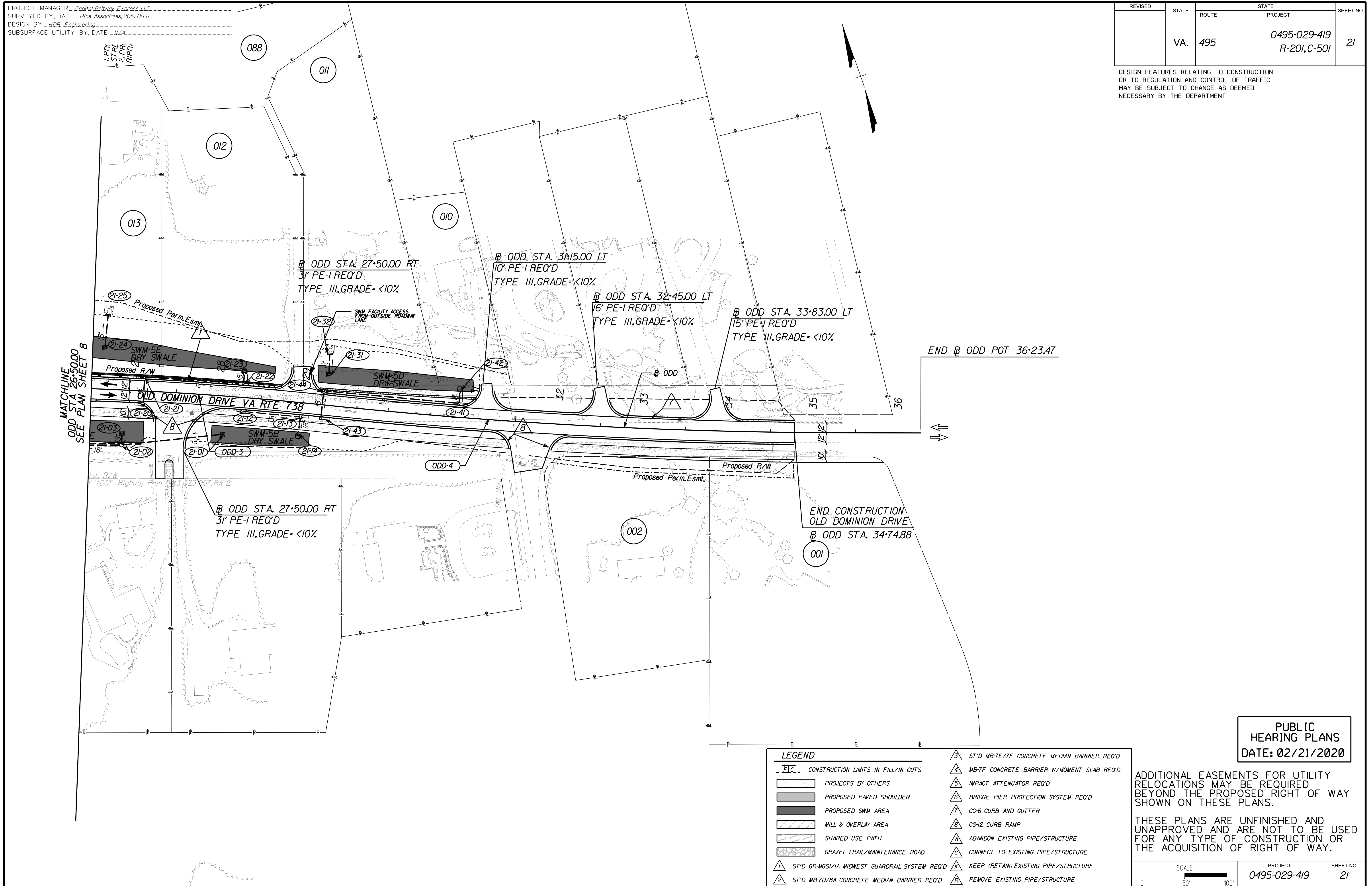
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 20RW
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	21

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



LEGEND

	CONSTRUCTION LIMITS IN FILL/IN CUTS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	PROJECTS BY OTHERS		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	PROPOSED PAVED SHOULDER		IMPACT ATTENUATOR REQ'D
	PROPOSED SWM AREA		BRIDGE PIER PROTECTION SYSTEM REQ'D
	MILL & OVERLAY AREA		CG-6 CURB AND GUTTER
	SHARED USE PATH		CG-12 CURB RAMP
	GRAVEL TRAIL/MAINTENANCE ROAD		ABANDON EXISTING PIPE/STRUCTURE
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D		CONNECT TO EXISTING PIPE/STRUCTURE
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D		KEEP (RETAIN) EXISTING PIPE/STRUCTURE
			REMOVE EXISTING PIPE/STRUCTURE

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 21
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PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

OLD DOMINION DRIVE - VA ROUTE 738

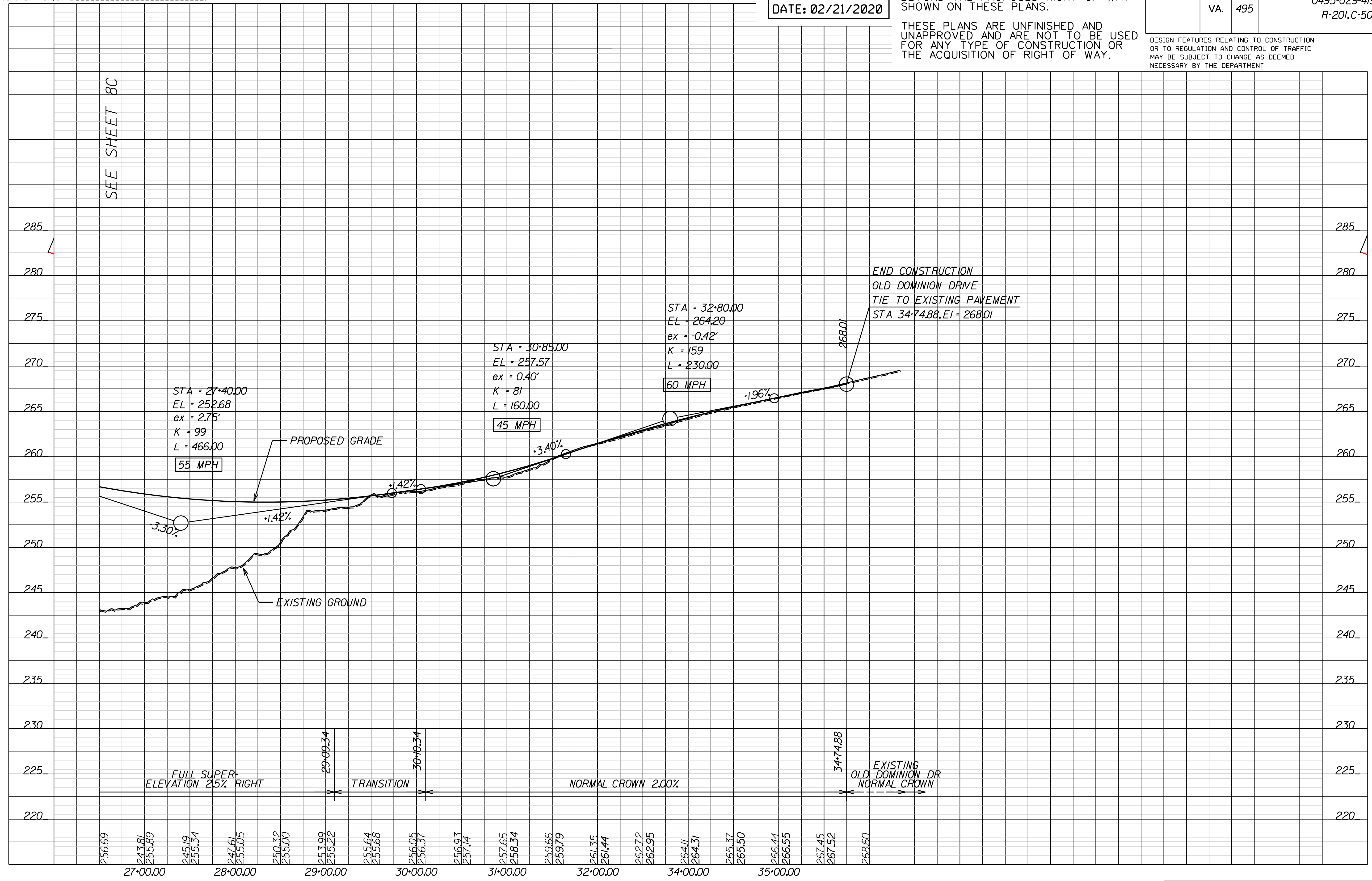
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	21A

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



SEE SHEET 8C

END CONSTRUCTION
OLD DOMINION DRIVE
TIE TO EXISTING PAVEMENT
STA 34+74.88, EI = 268.01

FULL SUPER ELEVATION 25% RIGHT

TRANSITION

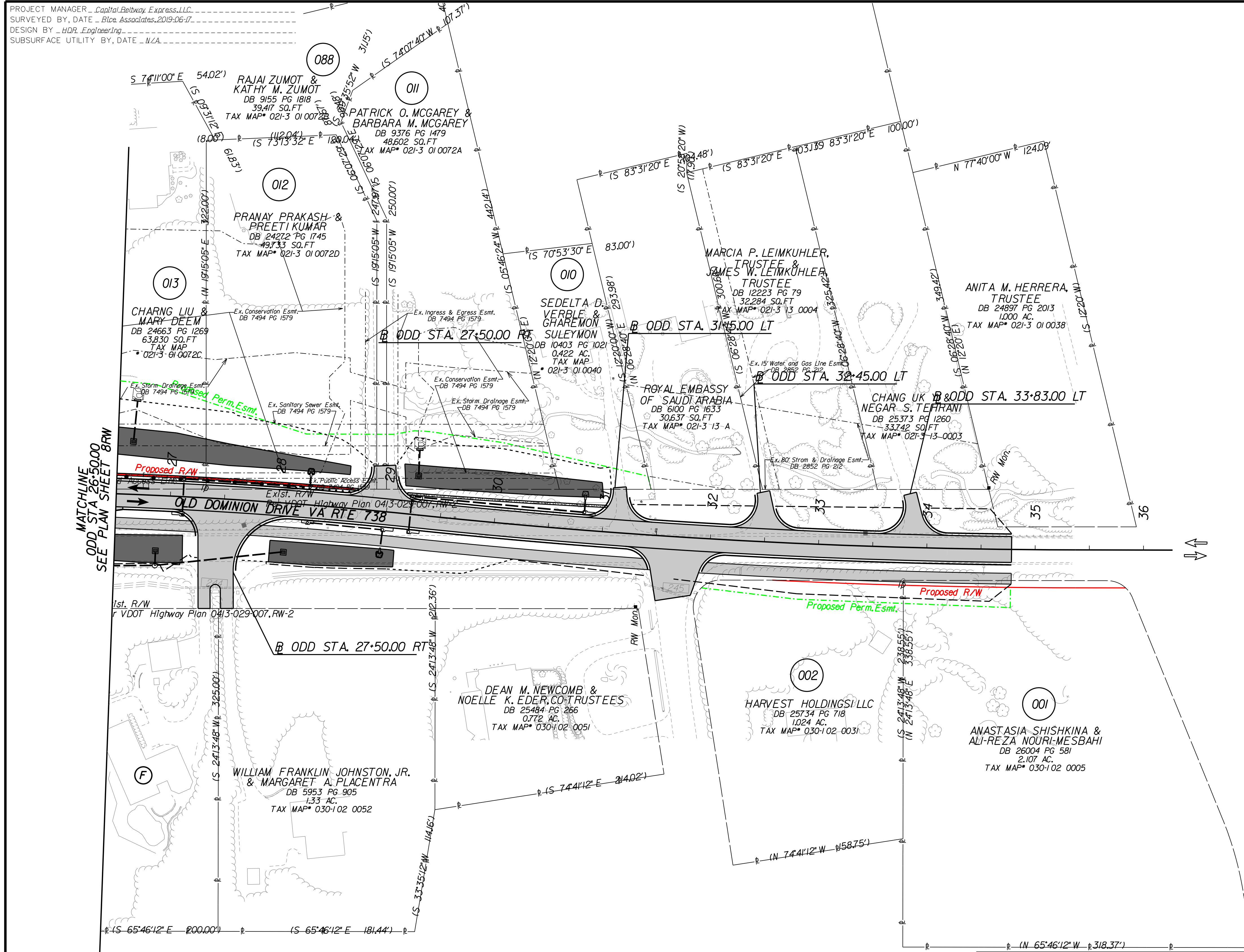
NORMAL CROWN 2.00%

EXISTING OLD DOMINION DR
NORMAL CROWN

PROJECT MANAGER: Capital Beltway Express, LLC
SURVEYED BY, DATE: Rice Associates, 2019-06-17
DESIGN BY: HDR Engineering
SUBSURFACE UTILITY BY, DATE: N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	21RW

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



LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY PROPERTY LINES
- PROPOSED RIGHT OF WAY
- PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

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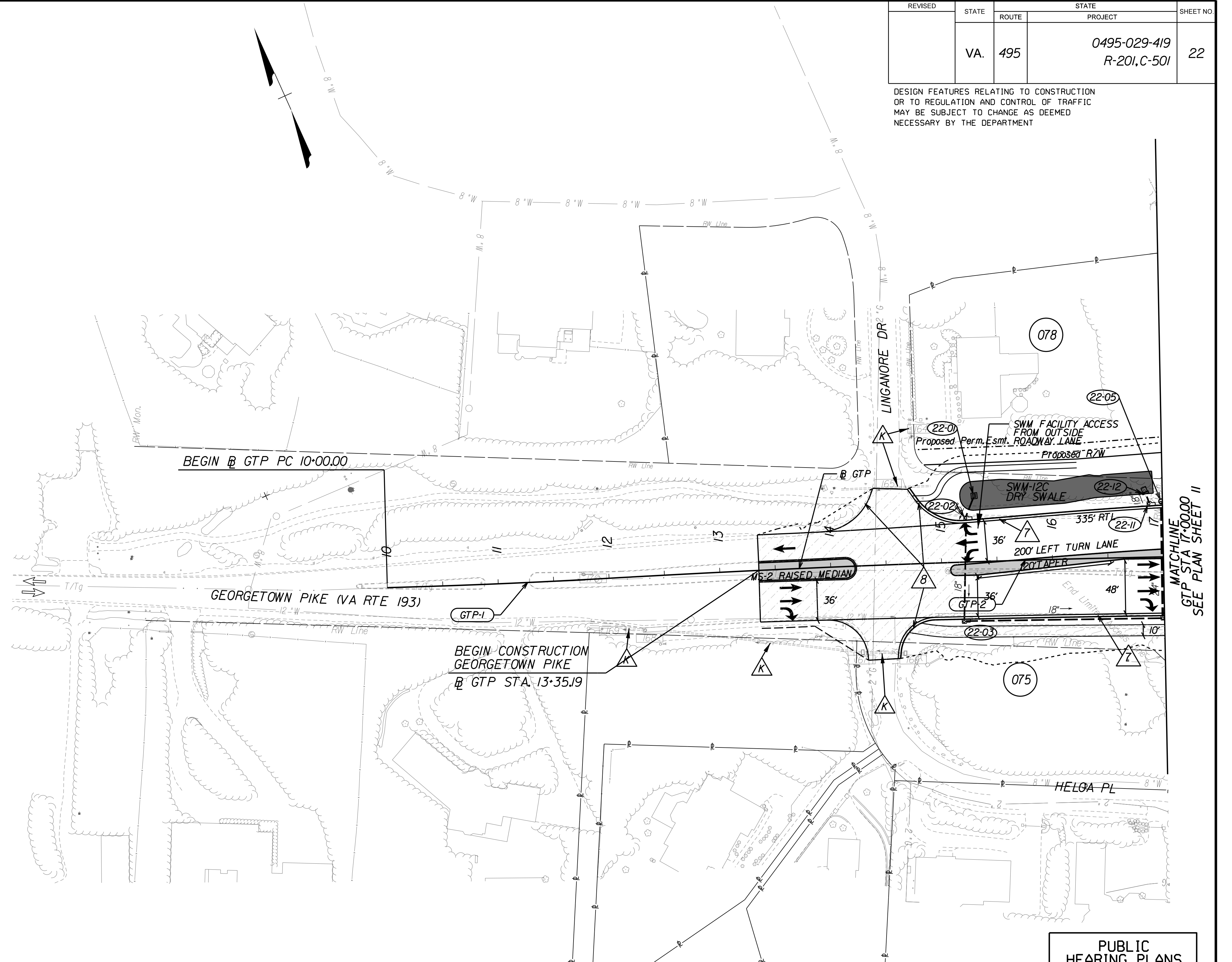
SCALE: 0 50' 100'

PROJECT	SHEET NO.
0495-029-419	21RW

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rtce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	22

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



LEGEND

	CONSTRUCTION LIMITS IN FILL/IN CUTS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	PROJECTS BY OTHERS		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	PROPOSED PAVED SHOULDER		IMPACT ATTENUATOR REQ'D
	PROPOSED SWM AREA		BRIDGE PIER PROTECTION SYSTEM REQ'D
	MILL & OVERLAY AREA		CG-6 CURB AND GUTTER
	SHARED USE PATH		CG-12 CURB RAMP
	GRAVEL TRAIL/MAINTENANCE ROAD		ABANDON EXISTING PIPE/STRUCTURE
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D		CONNECT TO EXISTING PIPE/STRUCTURE
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D		KEEP (RETAIN) EXISTING PIPE/STRUCTURE
			REMOVE EXISTING PIPE/STRUCTURE

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 22
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MATCHLINE
GTP STA 17+00.00
SEE PLAN SHEET 11

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GEORGETOWN PIKE - VA ROUTE 193

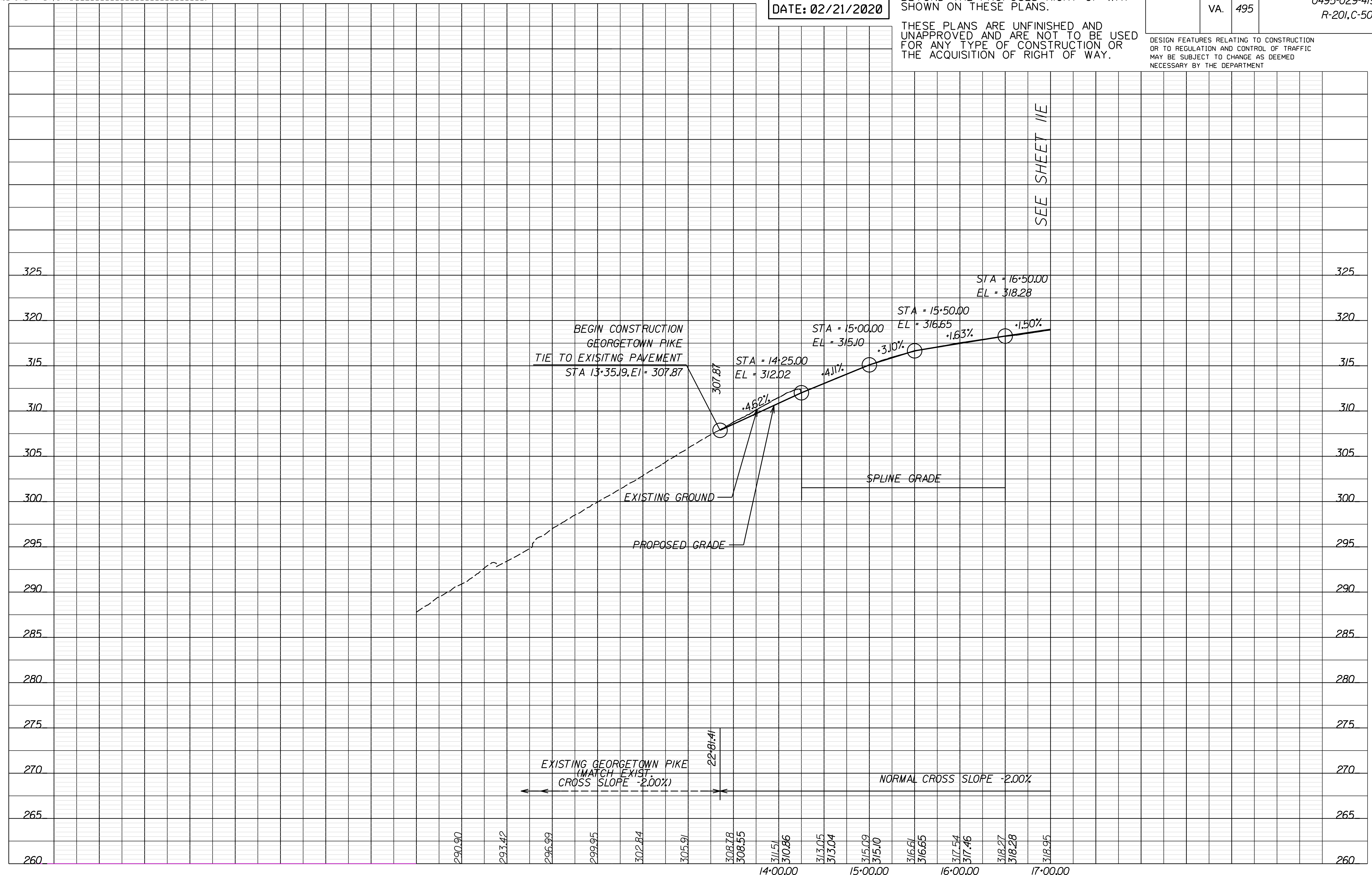
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	22A

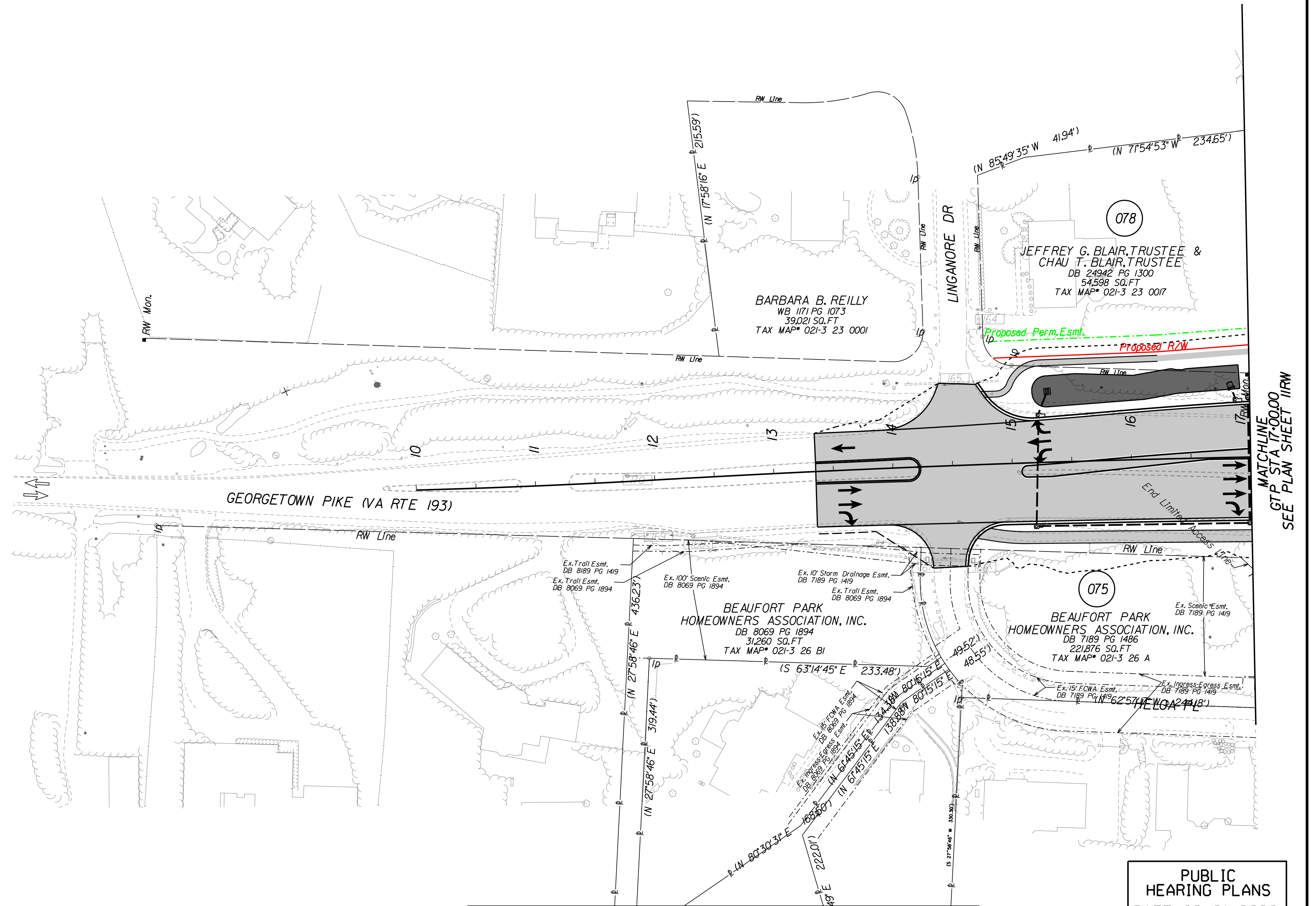
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



PROJECT MANAGER Capital Beltway Express, LLC
 SURVEYED BY, DATE Btce Associates, 2019-06-17
 DESIGN BY HDR Engineering
 SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	22RW

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



MATCHLINE
GTP STA 17+00.00
SEE PLAN SHEET 11RW

LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY
- PROPERTY LINES
- PROPOSED RIGHT OF WAY
- PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

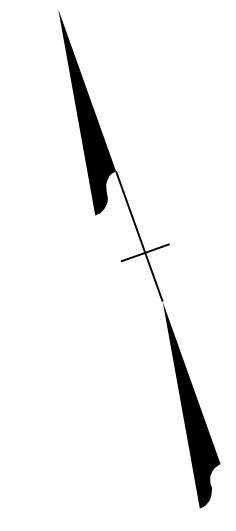
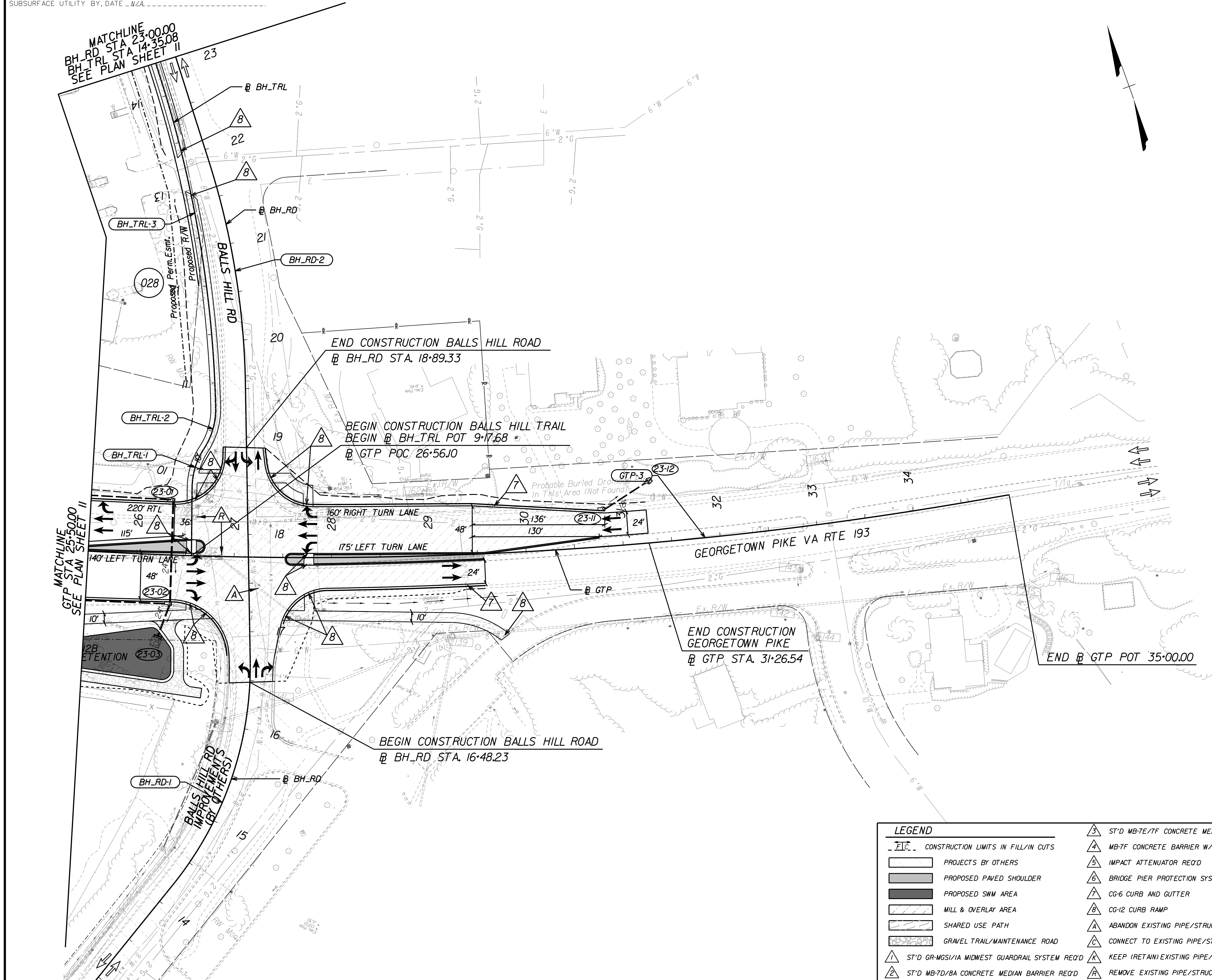
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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 22RW
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE RICE Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	23

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



LEGEND	
	CONSTRUCTION LIMITS IN FILL/IN CUTS
	PROJECTS BY OTHERS
	PROPOSED PAVED SHOULDER
	PROPOSED SWM AREA
	MILL & OVERLAY AREA
	SHARED USE PATH
	GRAVEL TRAIL/MAINTENANCE ROAD
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D
	ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	IMPACT ATTENUATOR REQ'D
	BRIDGE PIER PROTECTION SYSTEM REQ'D
	CG-6 CURB AND GUTTER
	CG-12 CURB RAMP
	ABANDON EXISTING PIPE/STRUCTURE
	CONNECT TO EXISTING PIPE/STRUCTURE
	KEEP (RETAIN) EXISTING PIPE/STRUCTURE
	REMOVE EXISTING PIPE/STRUCTURE

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 23
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GEORGETOWN PIKE - VA ROUTE 193

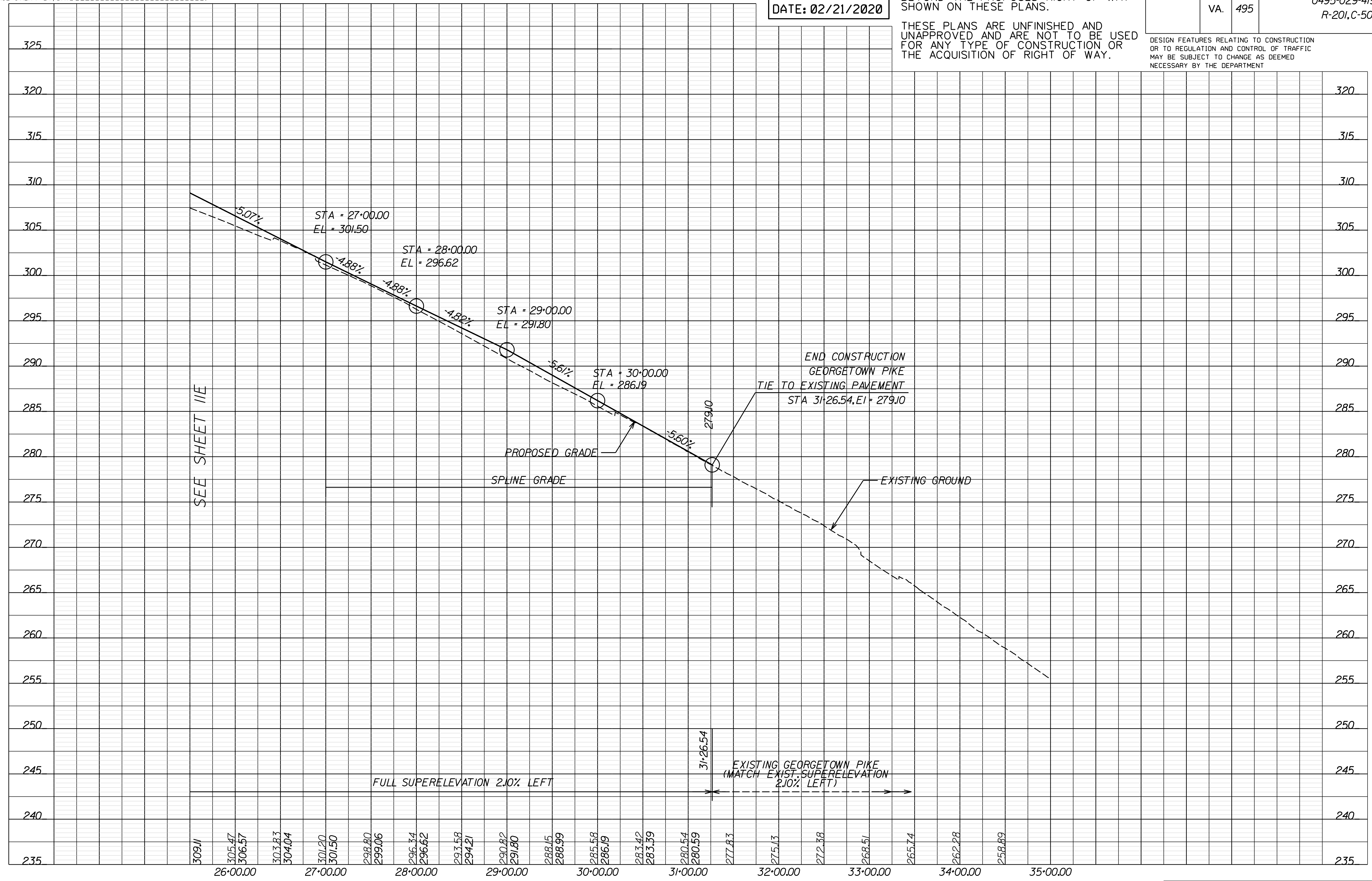
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	23A

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



PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Rice Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

BALLS HILLS ROAD

PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	23B

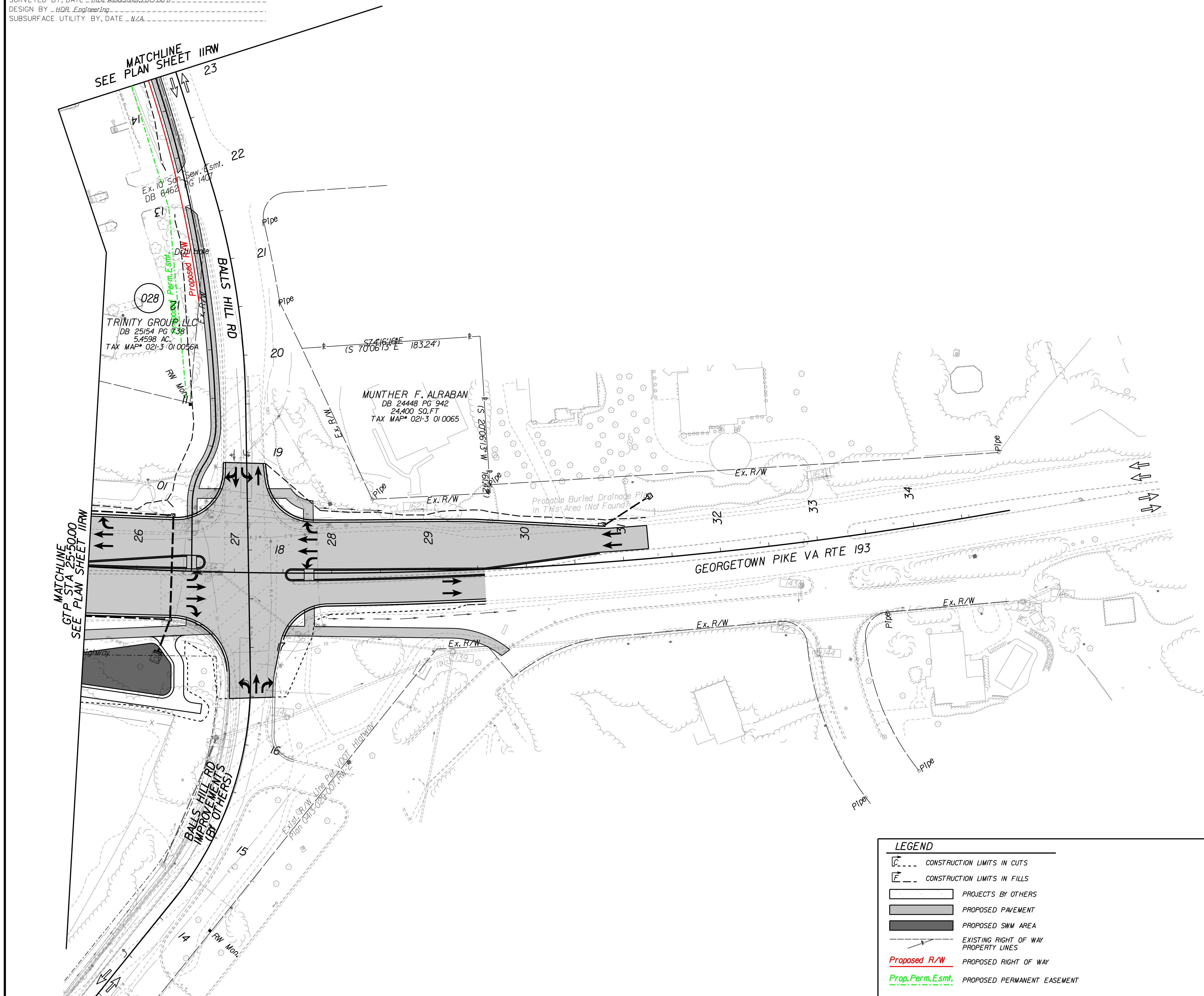
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	23RW

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



LEGEND

	CONSTRUCTION LIMITS IN CUTS
	CONSTRUCTION LIMITS IN FILLS
	PROJECTS BY OTHERS
	PROPOSED PAVEMENT
	PROPOSED SWM AREA
	EXISTING RIGHT OF WAY PROPERTY LINES
	PROPOSED RIGHT OF WAY
	PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 23RW
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GWMP RAMP G23

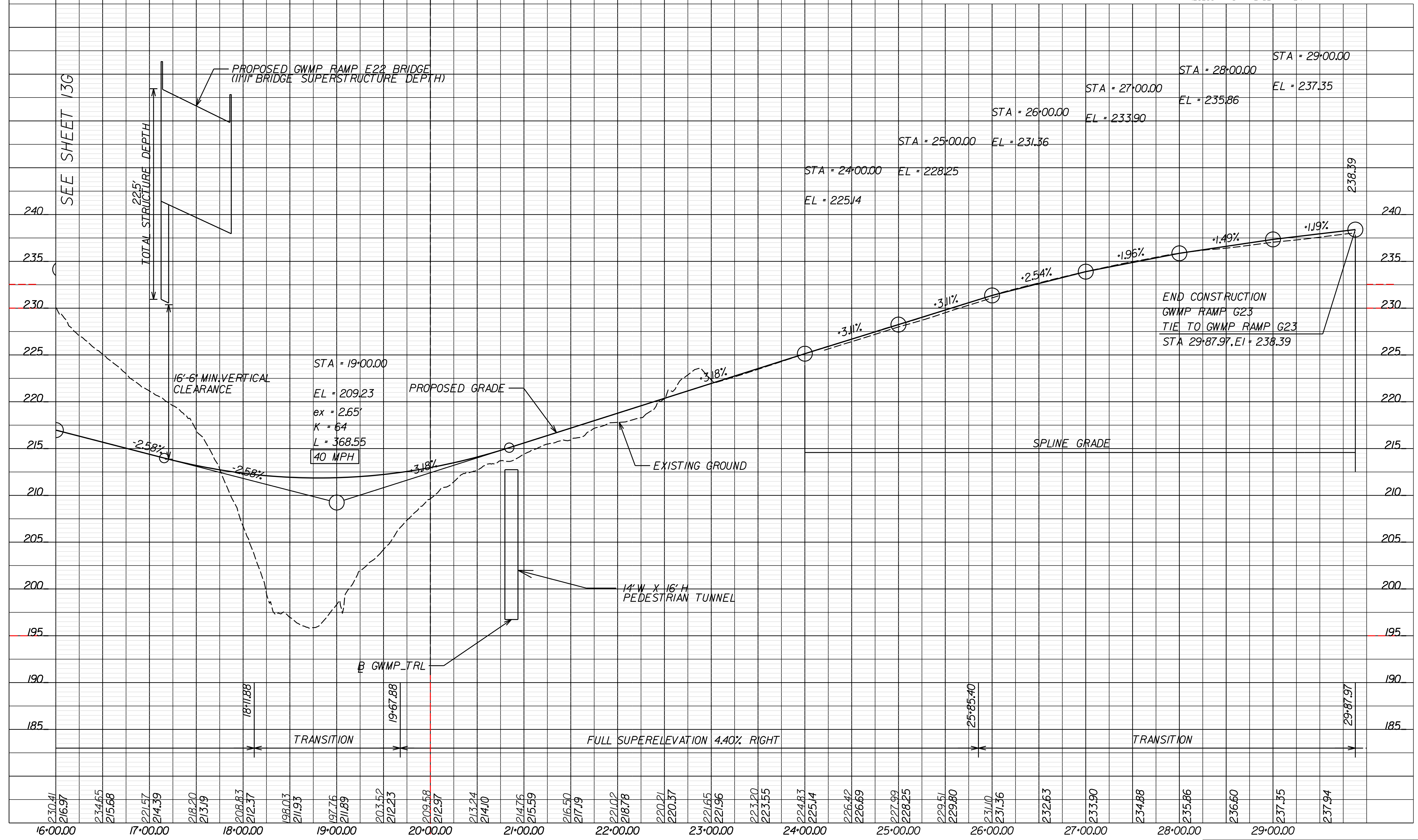
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	24A

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



SEE SHEET 13G

END CONSTRUCTION
GWMP RAMP G23
TIE TO GWMP RAMP G23
STA 29+87.97, EL = 238.39

16+00.00	17+00.00	18+00.00	19+00.00	20+00.00	21+00.00	22+00.00	23+00.00	24+00.00	25+00.00	26+00.00	27+00.00	28+00.00	29+00.00
230.41 216.97	221.57 214.39	208.83 212.37	209.23 209.23	209.58 212.97	214.76 215.59	220.21 220.37	221.65 221.96	224.83 225.14	227.99 228.25	229.51 229.80	231.10 231.36	235.86	238.39

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GWMP RAMP E22

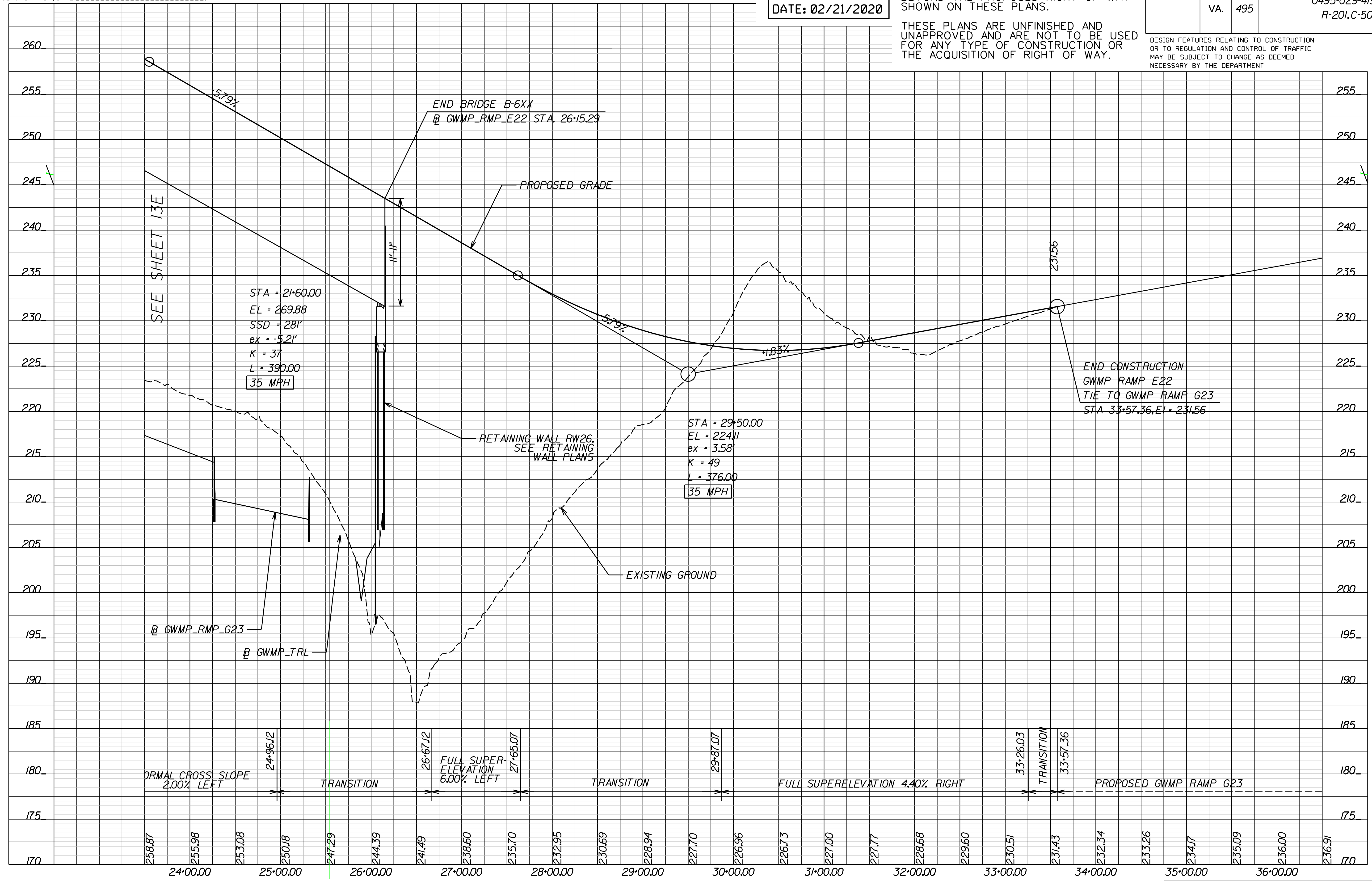
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	24B

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



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GWMP RAMP G22

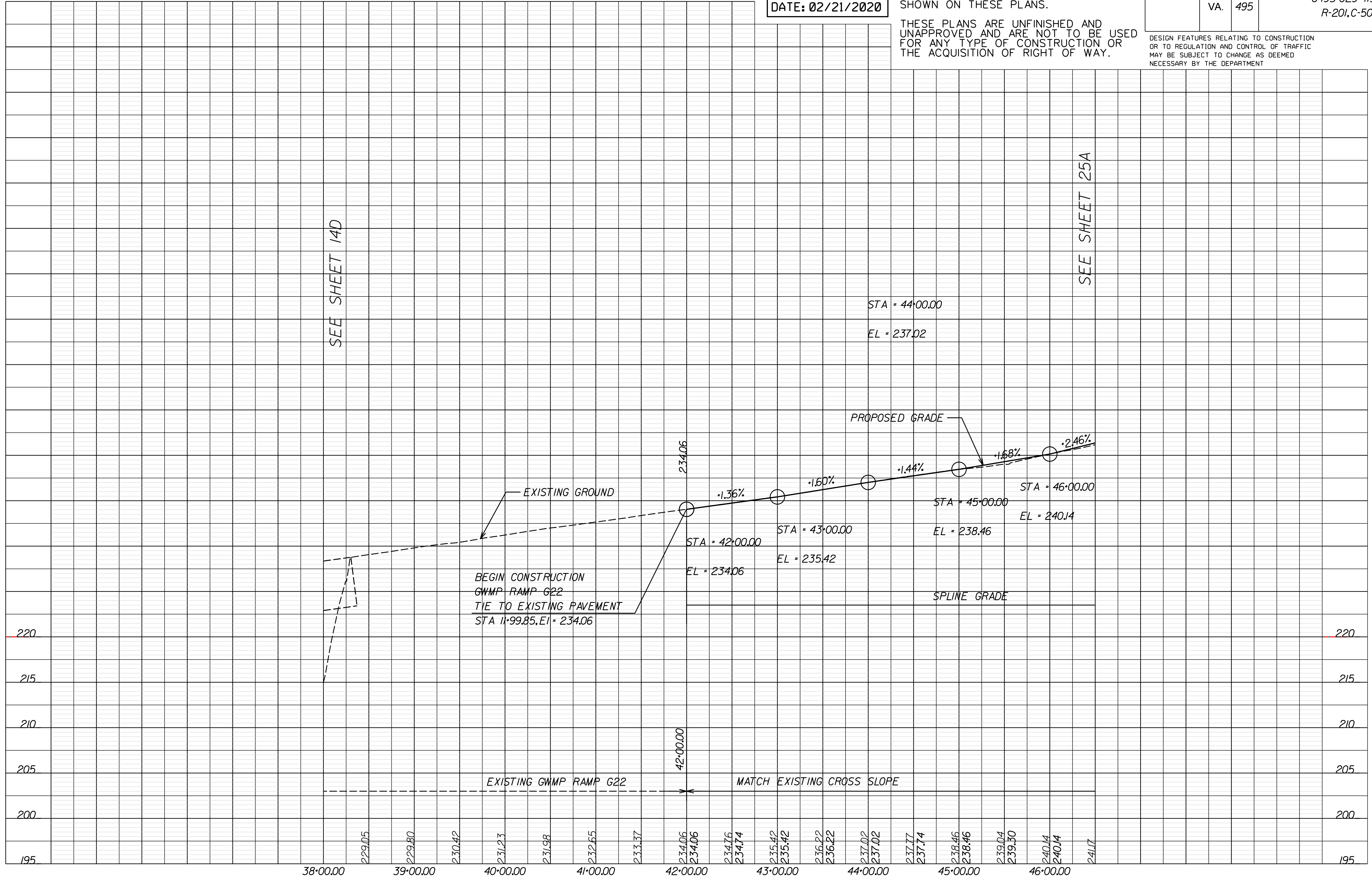
PUBLIC HEARING PLANS
DATE: 02/21/2020

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	24C

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



SEE SHEET 14D

SEE SHEET 25A

STA = 44+00.00
EL = 237.02

PROPOSED GRADE

EXISTING GROUND

BEGIN CONSTRUCTION
GWMP RAMP G22
TIE TO EXISTING PAVEMENT
STA 11+99.85, EL = 234.06

234.06

STA = 42+00.00
EL = 234.06

STA = 43+00.00
EL = 235.42

STA = 45+00.00
EL = 238.46

STA = 46+00.00
EL = 240.14

SPLINE GRADE

220
215
210
205
200
195

220
215
210
205
200
195

38+00.00 39+00.00 40+00.00 41+00.00 42+00.00 43+00.00 44+00.00 45+00.00 46+00.00

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

GEORGE WASHINGTON MEMORIAL PARKWAY TRAIL

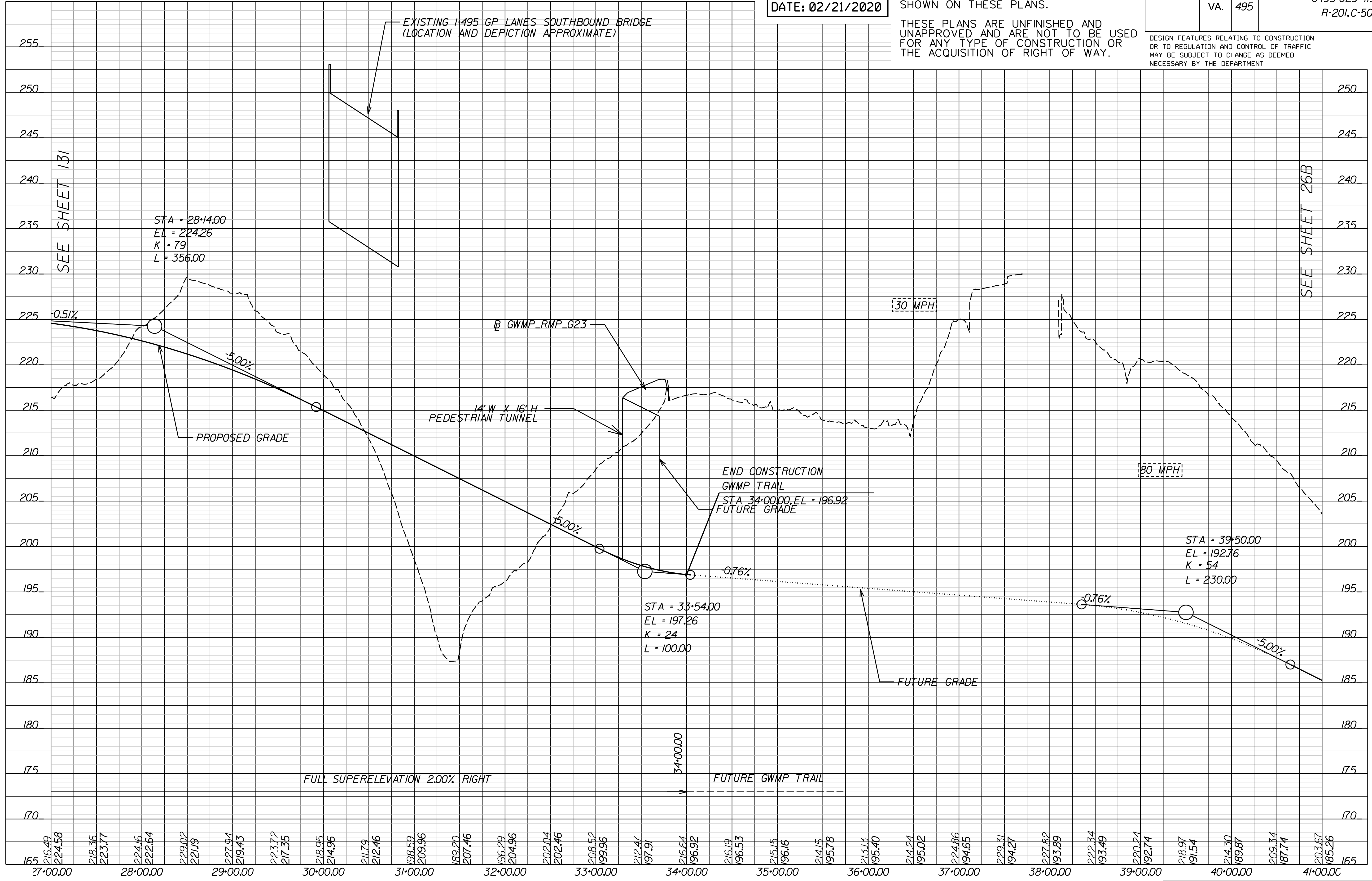
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	24D

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



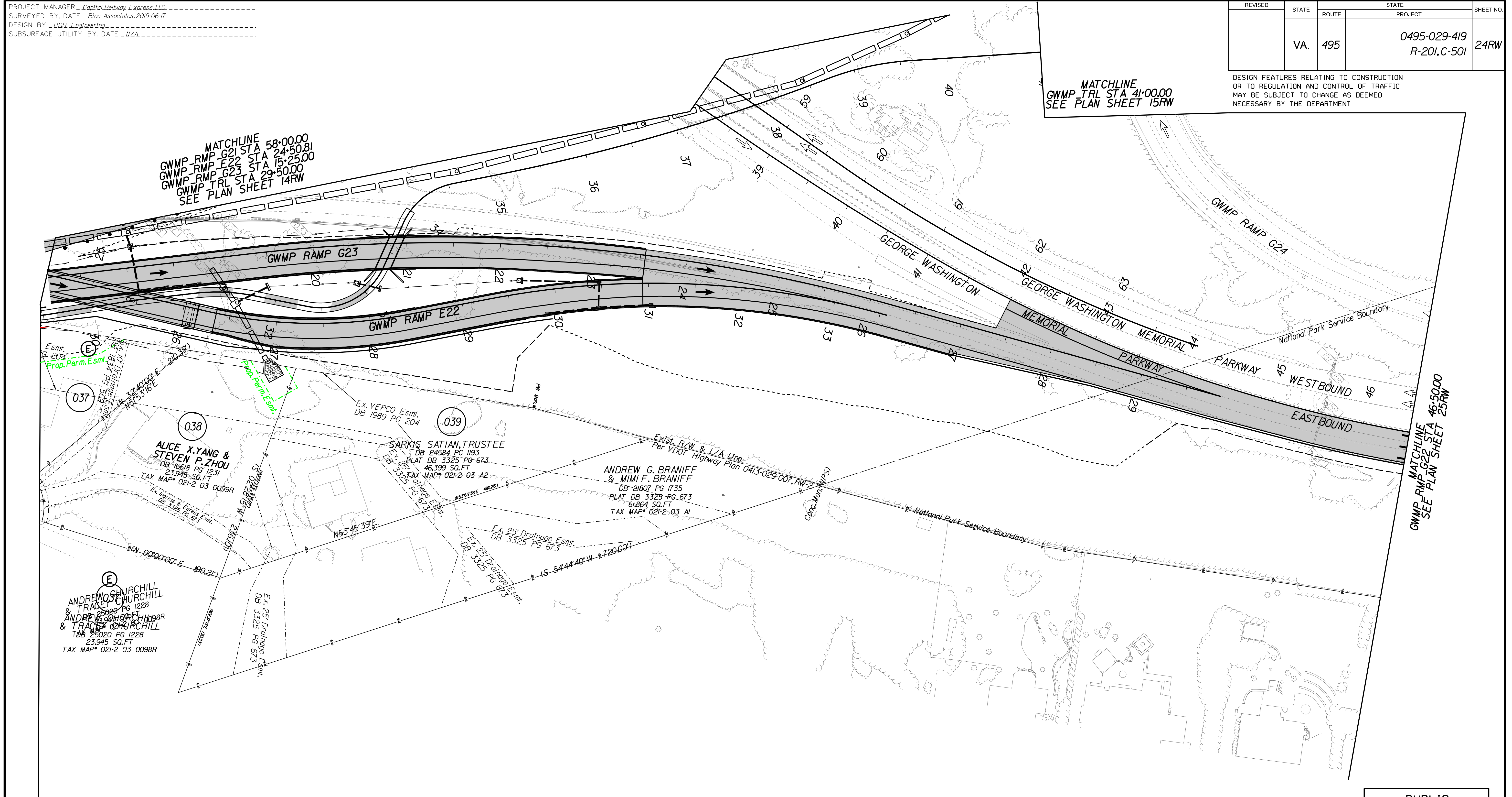
SEE SHEET 131

SEE SHEET 26B

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	24RW

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



LEGEND

	CONSTRUCTION LIMITS IN CUTS
	CONSTRUCTION LIMITS IN FILLS
	PROJECTS BY OTHERS
	PROPOSED PAVEMENT
	PROPOSED SWM AREA
	EXISTING RIGHT OF WAY PROPERTY LINES
	PROPOSED RIGHT OF WAY
	PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

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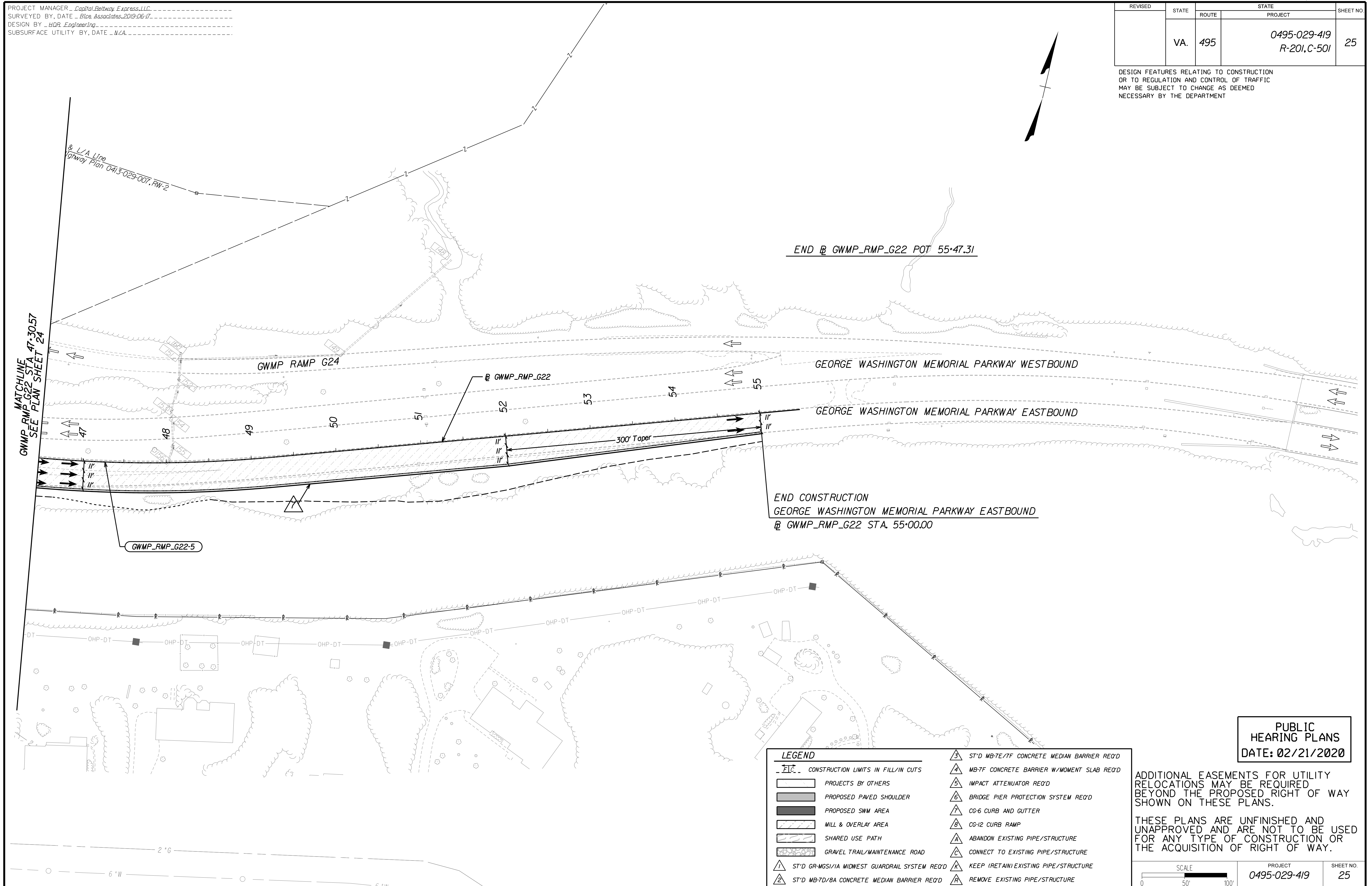
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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 24RW
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	25

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



LEGEND

	CONSTRUCTION LIMITS IN FILL/IN CUTS		ST'D MB-7E/7F CONCRETE MEDIAN BARRIER REQ'D
	PROJECTS BY OTHERS		MB-7F CONCRETE BARRIER W/MOMENT SLAB REQ'D
	PROPOSED PAVED SHOULDER		IMPACT ATTENUATOR REQ'D
	PROPOSED SWM AREA		BRIDGE PIER PROTECTION SYSTEM REQ'D
	MILL & OVERLAY AREA		CG-6 CURB AND GUTTER
	SHARED USE PATH		CG-12 CURB RAMP
	GRAVEL TRAIL/MAINTENANCE ROAD		ABANDON EXISTING PIPE/STRUCTURE
	ST'D GR-MGS/1A MIDWEST GUARDRAIL SYSTEM REQ'D		CONNECT TO EXISTING PIPE/STRUCTURE
	ST'D MB-7D/8A CONCRETE MEDIAN BARRIER REQ'D		KEEP (RETAIN) EXISTING PIPE/STRUCTURE
			REMOVE EXISTING PIPE/STRUCTURE

PUBLIC HEARING PLANS
DATE: 02/21/2020

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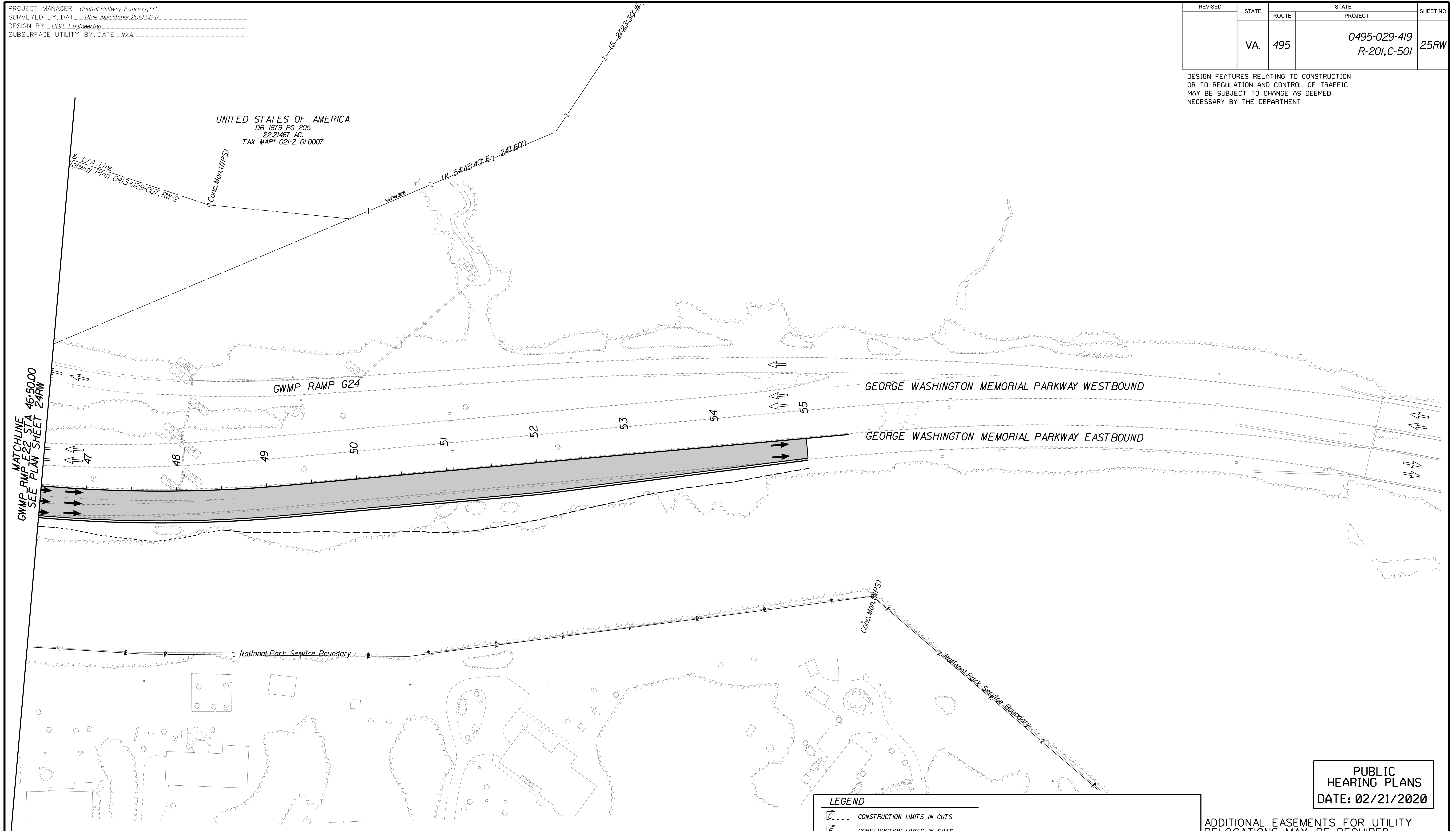
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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 25
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PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Btce Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	25RW

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



MATCHLINE
GWMP_RMP_E22 STA 46+50.00
SEE PLAN SHEET 24RW

UNITED STATES OF AMERICA
DB 1879 PG 205
22.2467 AC
TAX MAP# 021-2 01 0007

LEGEND

- CONSTRUCTION LIMITS IN CUTS
- CONSTRUCTION LIMITS IN FILLS
- PROJECTS BY OTHERS
- PROPOSED PAVEMENT
- PROPOSED SWM AREA
- EXISTING RIGHT OF WAY PROPERTY LINES
- Proposed R/W PROPOSED RIGHT OF WAY
- Prop. Perm. Esmt. PROPOSED PERMANENT EASEMENT

PUBLIC HEARING PLANS
DATE: 02/21/2020

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SCALE 0 50' 100'	PROJECT 0495-029-419	SHEET NO. 25RW
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rtca Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE		PROJECT	SHEET NO.
	STATE	ROUTE		
	VA.	495	0495-029-419 R-201, C-501	57

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

RETAINING WALL GENERAL NOTES:

Specifications:

- Construction:* Virginia Department of Transportation Road and Bridge Specifications, 2016.
- Design:* AASHTO LRFD Bridge Design Specifications, 8th Edition, 2017; and VDOT Modifications.
- Standards:* Virginia Department of Transportation Road and Bridge Standards, 2016; including all current revisions.

These plans are incomplete unless accompanied by the Supplemental Specifications and Special Provisions included in the contract documents.

The minimum design life of retaining walls shall be 100-year.

Prior to wall construction, the foundation shall be compacted with a smooth wheel vibratory roller. The drums of the roller should be ballasted and each pass of the roller should overlap one half the width of the previous pass. The roller shall make at least ten passes over the proposed wall foundation zone. No density test will be required. Any foundation soils found to be unsuitable shall be removed and replaced with select material Type 1 minimum CBR of 30.

Remove unsuitable or unstable foundation material below the bottom of the wall and replace with select material prior to wall construction. Compact the foundation area according to the VDOT Specifications.

The Contractor shall field verify location and dimension of existing and proposed drainage pipes and conduits. Contractor shall make all necessary adjustments to retaining wall to accommodate existing and proposed utilities.

Dimensions are measured along front face of retaining wall (work line/base line.)

Dimensions shown on plans are based on the controlling roadway baseline. Secondary gutter line elevations (if shown) are calculated by projecting the offset from the controlling baseline to the wall and by computing equivalent stations and offsets from the secondary baseline. All dimensions shall be verified against roadway plan.

For roadway geometry, see the roadway plans.

For communications, roadway lighting, signage, and other electrical crossings, see the corresponding plans.

For storm and water line structure locations and pipe inverts, see drainage and pavement plans.

Design Soil Properties shall be determined during final design.

For Boring Logs, see Geotechnical Data Report date December 31, 2019.

Lateral pressure arising from surcharge loading should be added to the soil earth pressures to determine the total lateral pressures that the walls must resist. In addition, transient loads imposed on the walls by construction equipment during placement and compaction of backfill should be taken into consideration during design and construction. Excessively heavy grading equipment (axle loads greater than 18,000 lbs) shall not be allowed within 5 feet of the walls. Compaction within 5 feet of the walls should be completed with a hand operated tamper or small roller compactor.

Bearing Pressure and Settlement of walls shall be determined in final design.

If excavation is required in ground improved areas, the Engineer shall be notified prior to excavation.

Minimum panel design thickness of MSE wall is 5.5 inches. Thickness of concrete must increase to accommodate any architectural surface finish that may be specified.

Class I CRR steel shall be used in copings.

Class I CRR steel shall be used in portions of MSE wall panels within splash zone as shown on the plans.

Reinforcing steel shall be continuous through contraction joint. All construction joints in the facing shall include a shear key of not less than 2 inch by 1/2 inch and a nonmetal waterstop. Expansion joints shall be provided at intervals not to exceed 80 feet. Joint shall be filled per Section 404.05 of the VDOT Road and Bridge Specifications and include a nonmetal waterstop.

The concrete moment slab system, which includes traffic barrier and coping, shall be designed by the retaining wall contractor and integrated into the wall design. Design calculations shall be supplied for the moment slab system, walls and the moment slab system shall be designed in accordance with AASHTO and applicable project standards.

Corrosion Resistant Reinforcing (CRR) steel shall be used in moment slab and shall be the same type of corrosion resistant reinforcing steel specified for parapet.

An impervious membrane shall be placed below the pavement and just above the first row of reinforcement to intercept any flows containing deicing chemicals. The membrane shall be sloped to drain away from the facing to an intercepting longitudinal drain outletted beyond the reinforcing zone.

A geotextile shall be used as a separator between the mechanically stabilized earth mass and the subbase.

All panel types and other related elements shall be detailed on shop drawings.

Waiting period for installing pavement, moment slab, coping, etc. will be determined by designer.

Complete working drawings/shop plans and design calculations shall be submitted to the Engineer for review prior to beginning wall work. The working plans/shop drawings shall conform to the submittal requirements of the project specific technical specifications. Top and bottom of wall and limits of wall shall be in accordance with the retaining wall layout. The drawing shall include the location of all construction joints, weep holes, and soil nail anchors.

Drainage system may be necessary behind the walls. If required, complete working plans/shop drawings and design calculations for the wall drainage system shall be designed by the Contractor and submitted to the Engineer for review. The submitted design shall be signed and sealed by an Engineer registered in the Commonwealth of Virginia.

For wall installation at stream crossing, provide adequate drainage so the difference between the streambed and saturated backfill is not greater than what is considered in the design.

Tie-backs, if required, shall be designed for an ultimate tie-back capacity per unit length in accordance with AASHTO LRFD Bridge Design Specifications, 8th Edition, (2017)

Structural steel anchor rods, dead man wales (if used) and miscellaneous hardware used in connection of rods to retaining wall shall be galvanized.

Welded connections shall be continuous unless specified.

Holes in sheet pile and anchor plate shall be 1/8" greater than anchor rod diameter.

Anchors shall be attached such that they do not protrude beyond the face of wall.

**PUBLIC
HEARING PLANS
DATE: 02/21/2020**

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

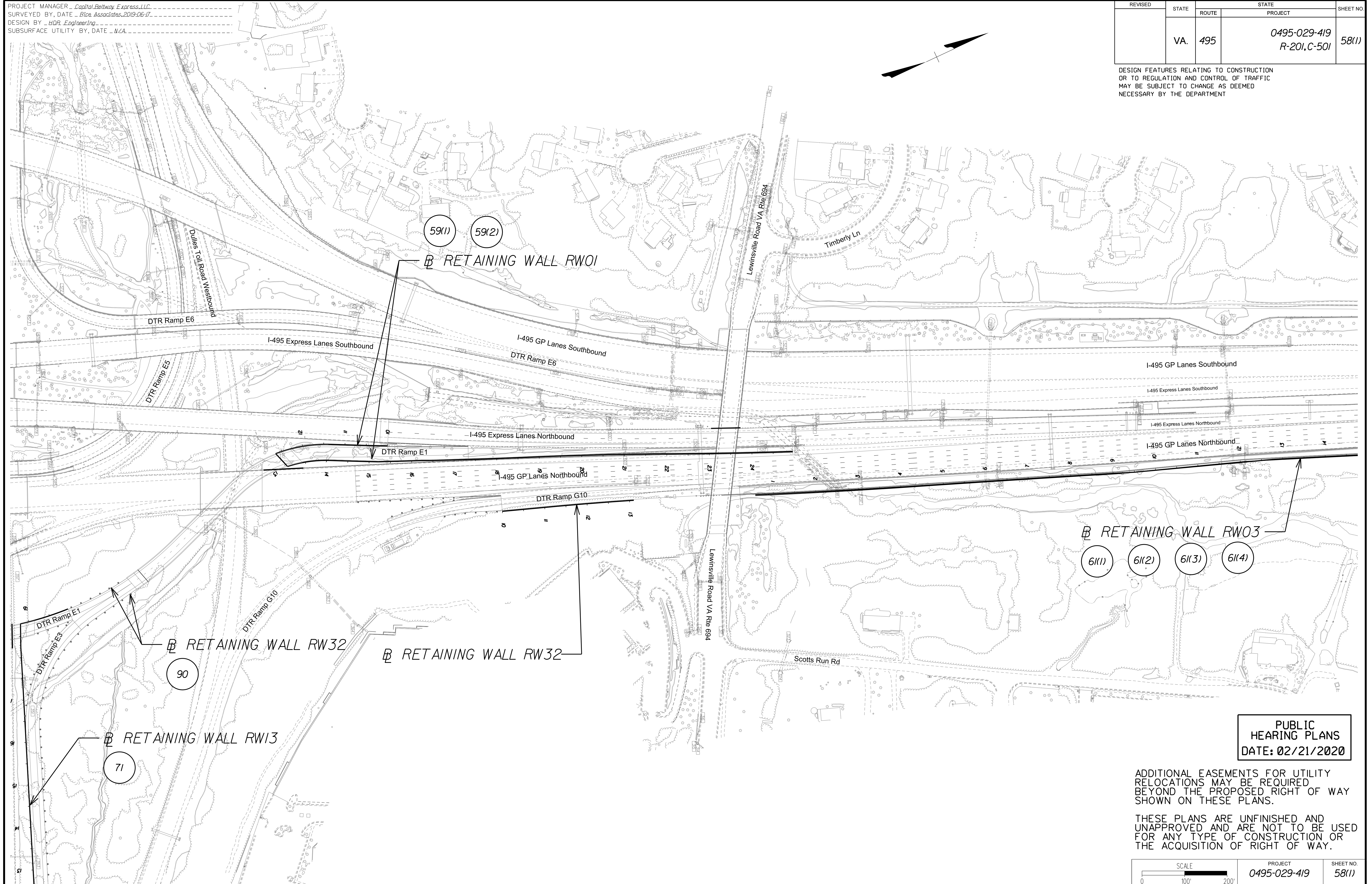
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PROJECT	SHEET NO.
0495-029-419	57

PROJECT MANAGER *Capital Beltway Express, LLC*
 SURVEYED BY, DATE *Bice Associates, 2019-06-17*
 DESIGN BY *HDR Engineering*
 SUBSURFACE UTILITY BY, DATE *N/A*

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	58(1)

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



PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

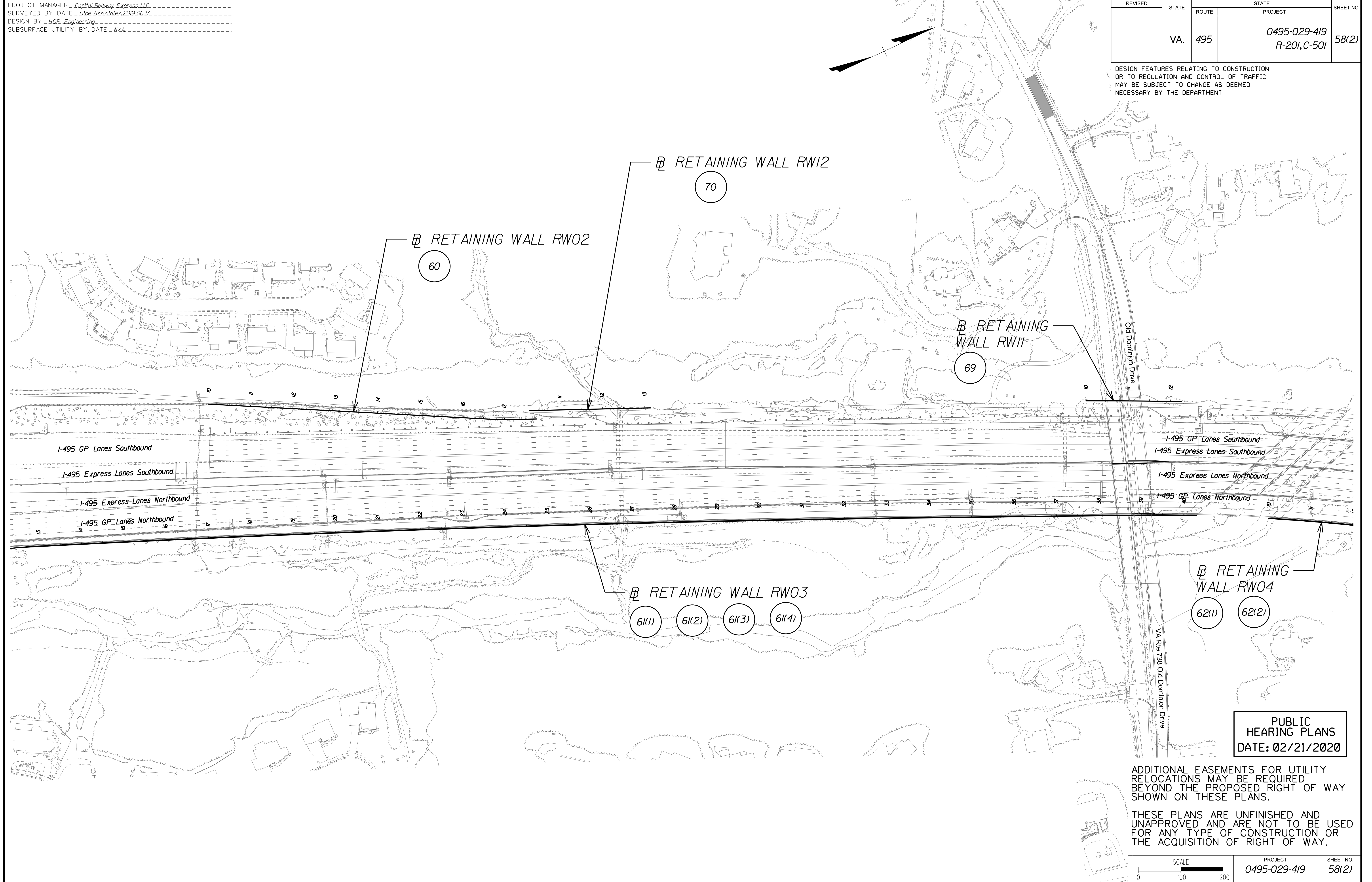
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SCALE 0 100' 200'	PROJECT 0495-029-419	SHEET NO. 58(1)
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PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Btca Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	58(2)

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



PUBLIC HEARING PLANS
DATE: 02/21/2020

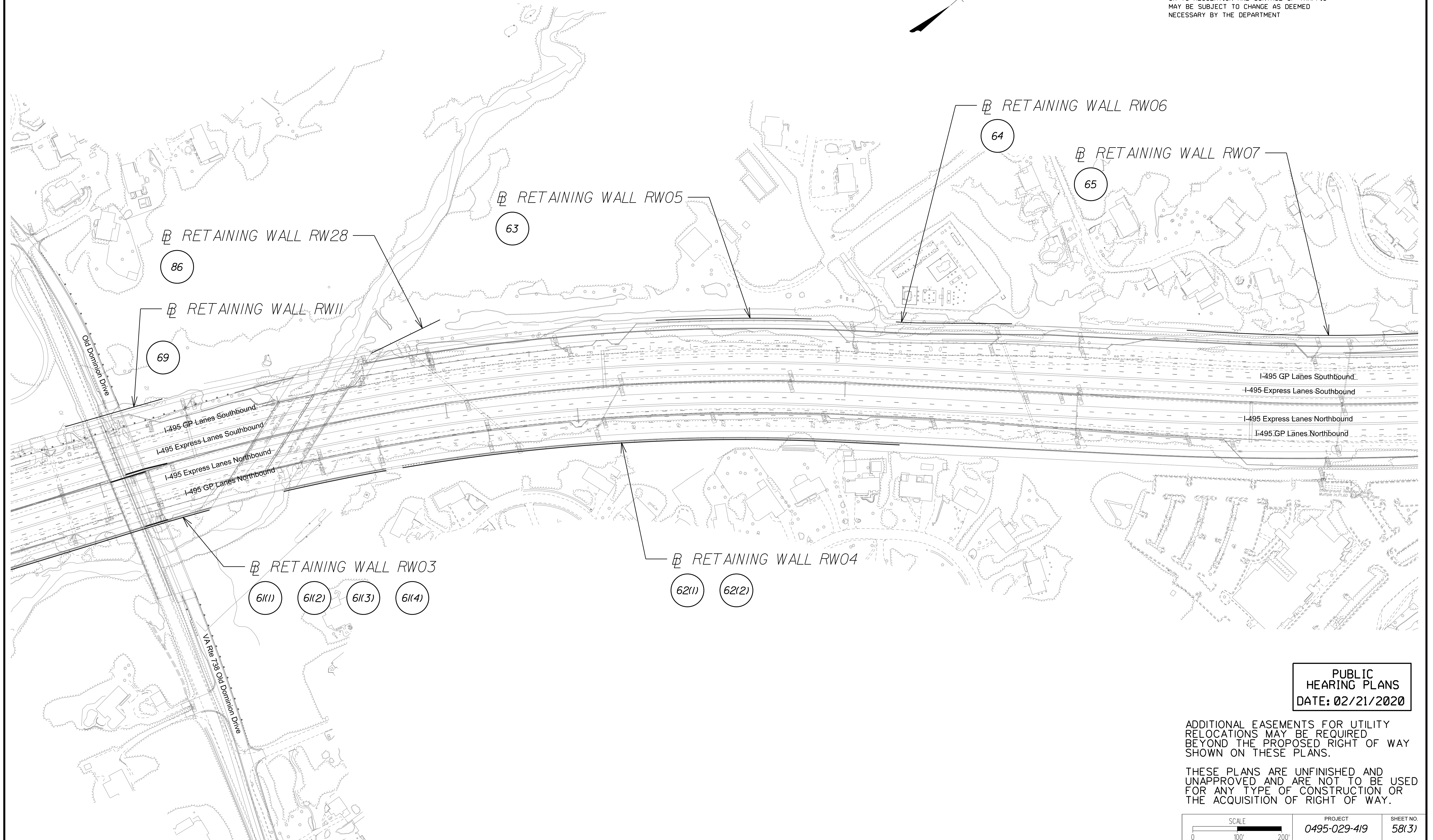
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PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Btce Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	58(3)

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



PUBLIC HEARING PLANS
DATE: 02/21/2020

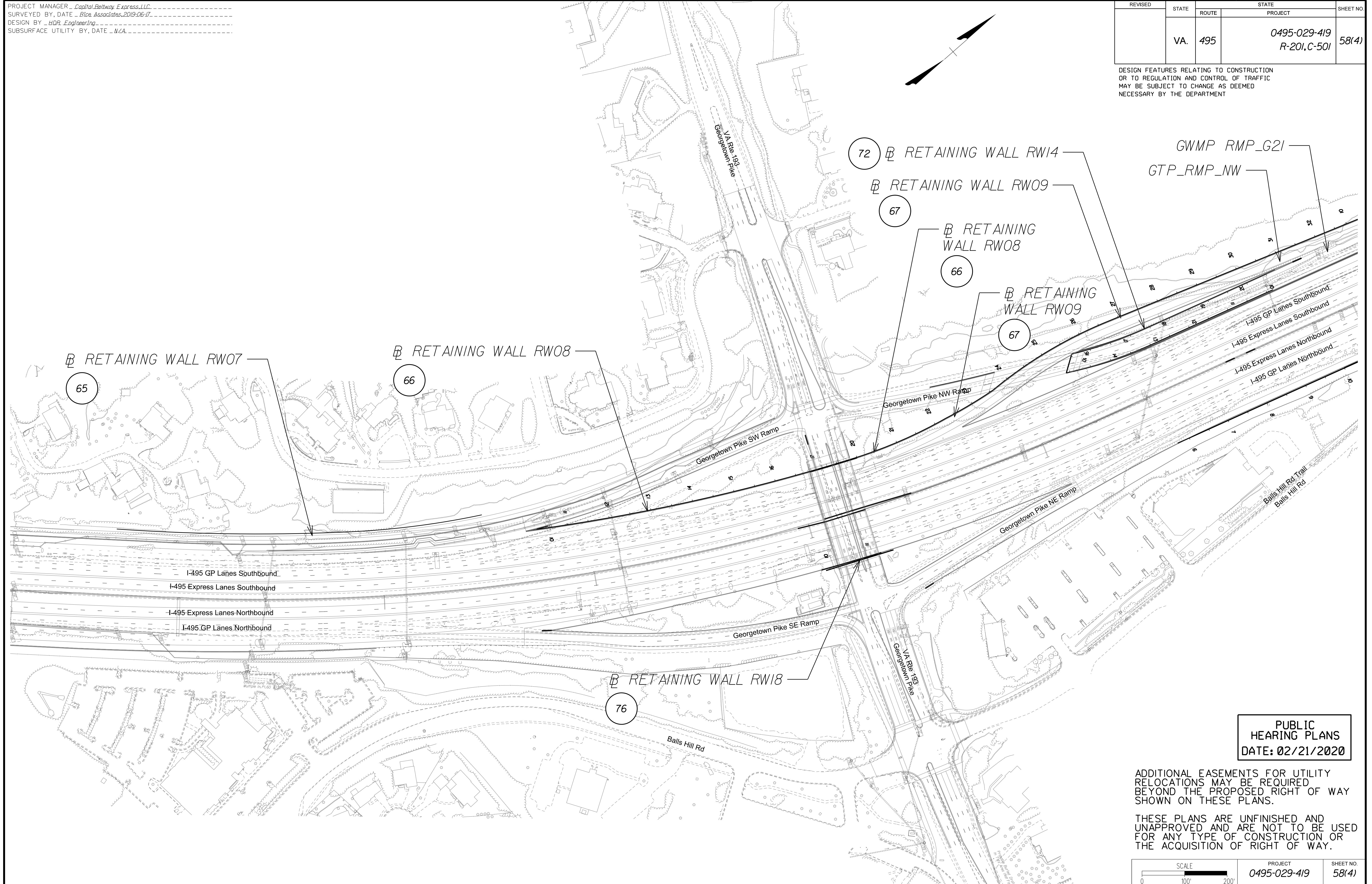
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PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Btce Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201, C-501	58(4)

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



PUBLIC HEARING PLANS
DATE: 02/21/2020

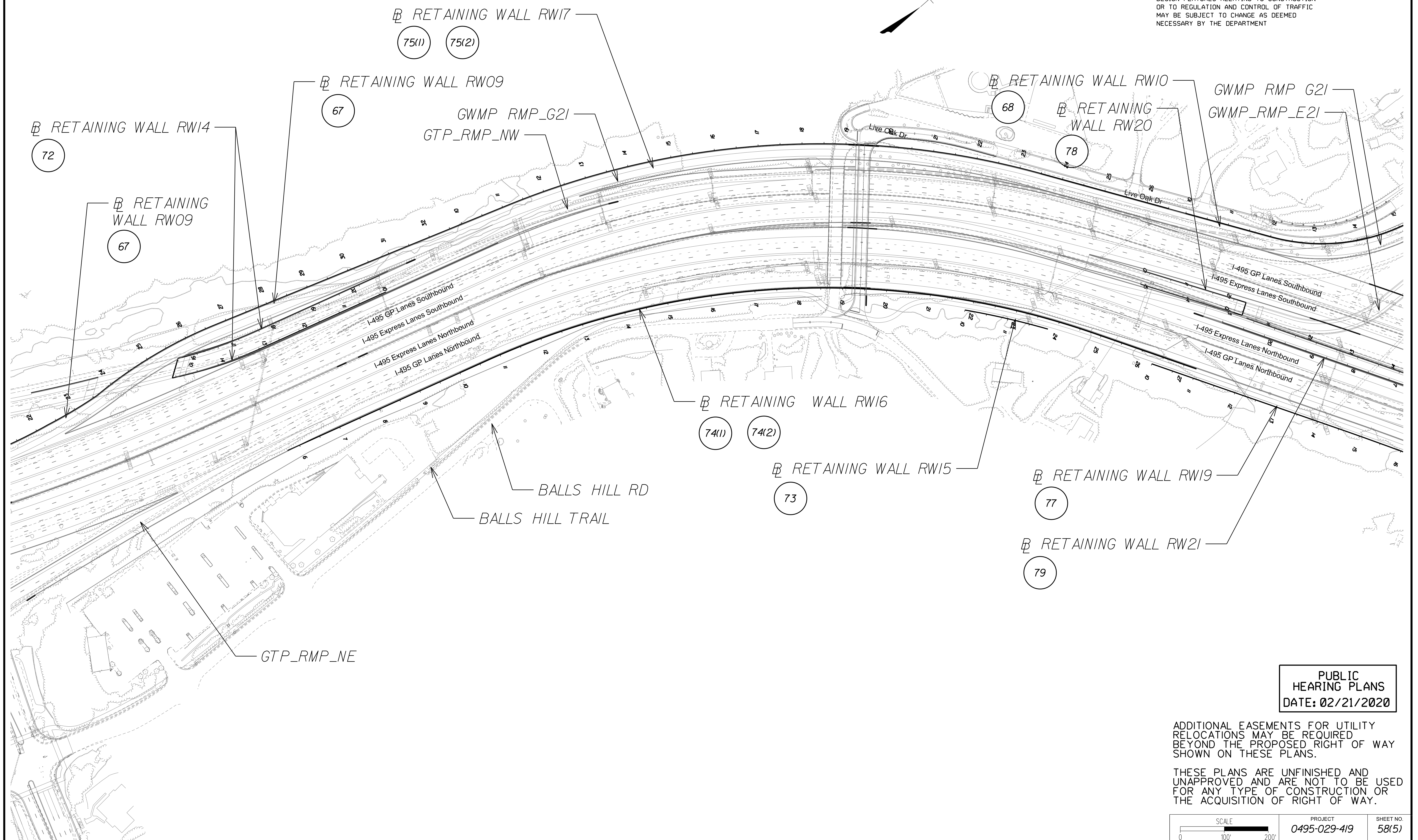
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PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Btce Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	58(5)

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



PUBLIC HEARING PLANS
DATE: 02/21/2020

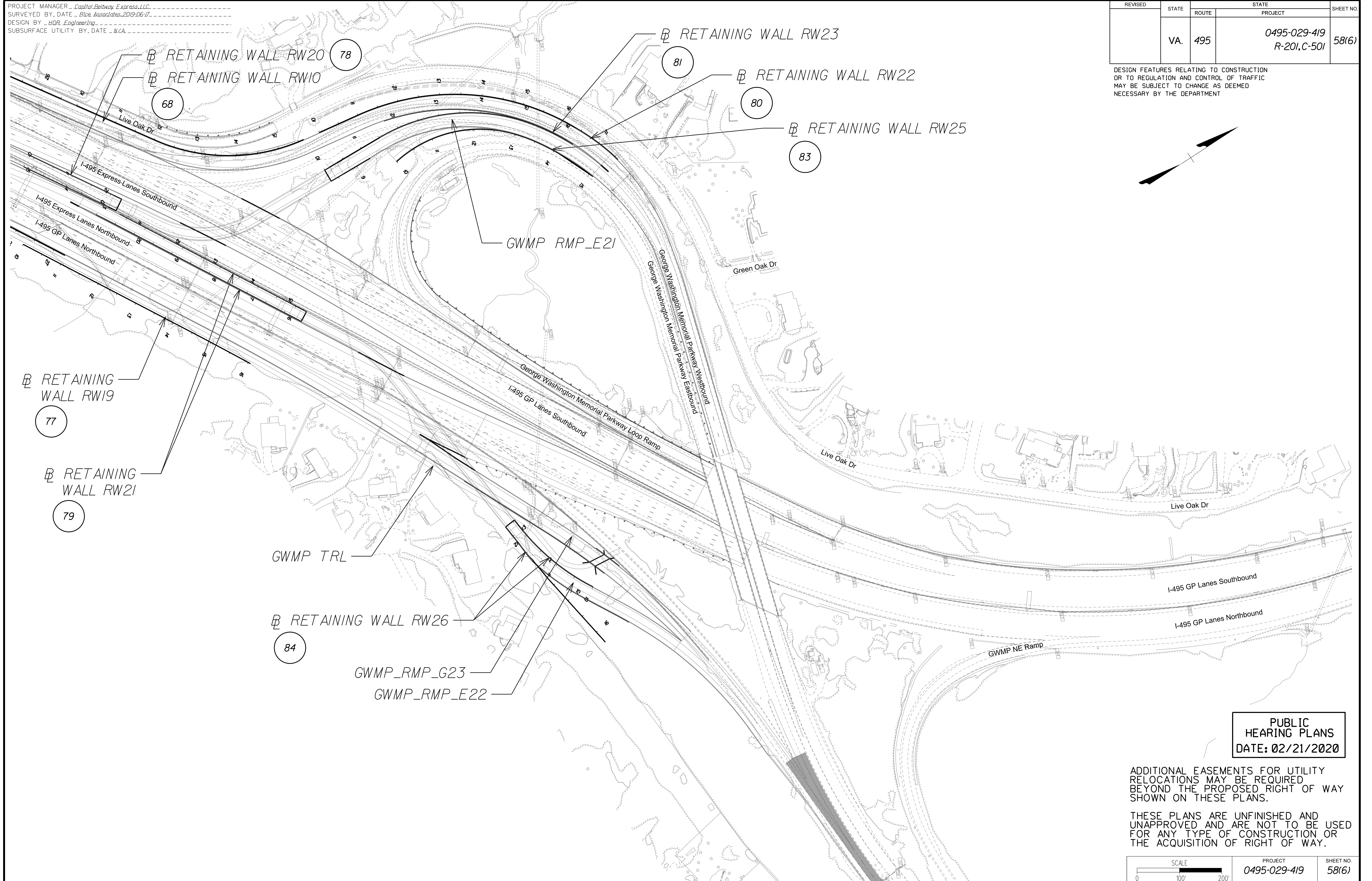
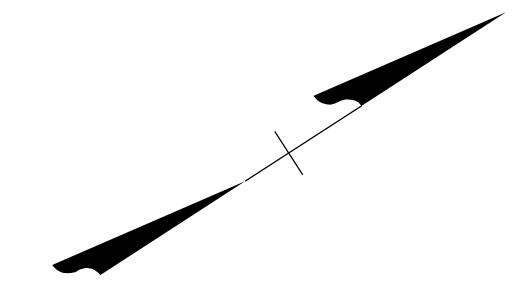
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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	58(6)

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



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SCALE 0 100' 200'	PROJECT 0495-029-419	SHEET NO. 58(6)
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PROJECT MANAGER Capital Beltway Express, LLC
 SURVEYED BY, DATE Btce Associates, 2019-06-17
 DESIGN BY HDR Engineering
 SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	58(7)

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



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PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

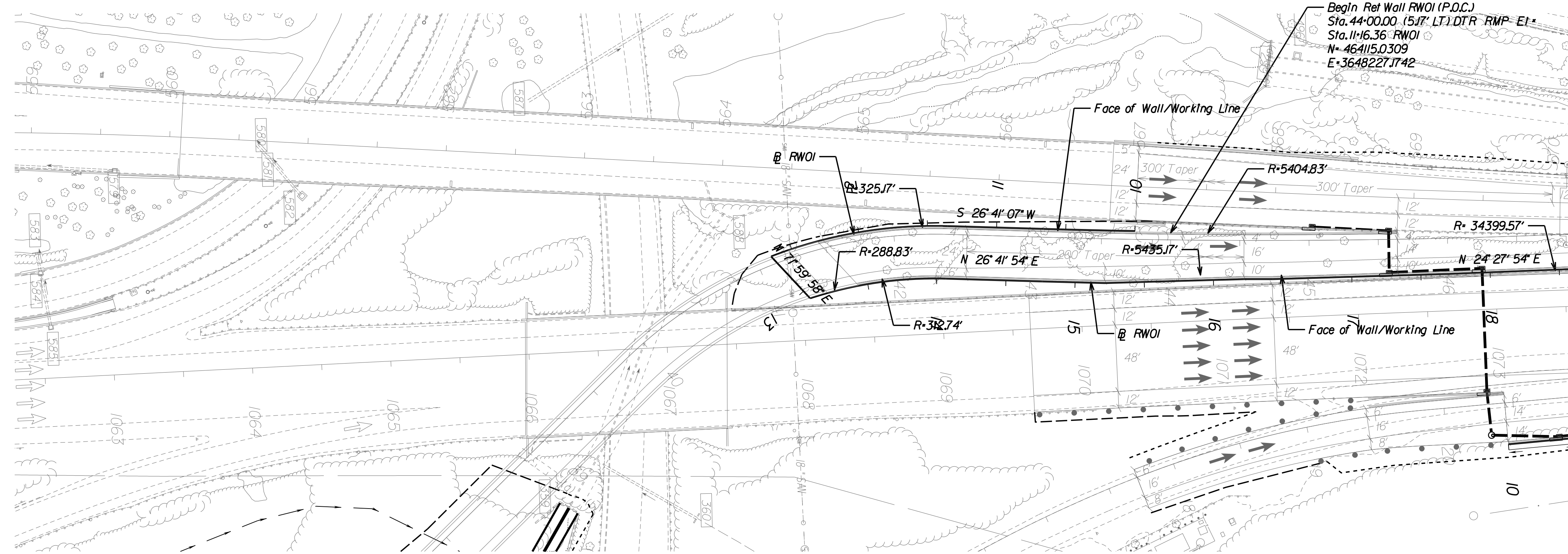
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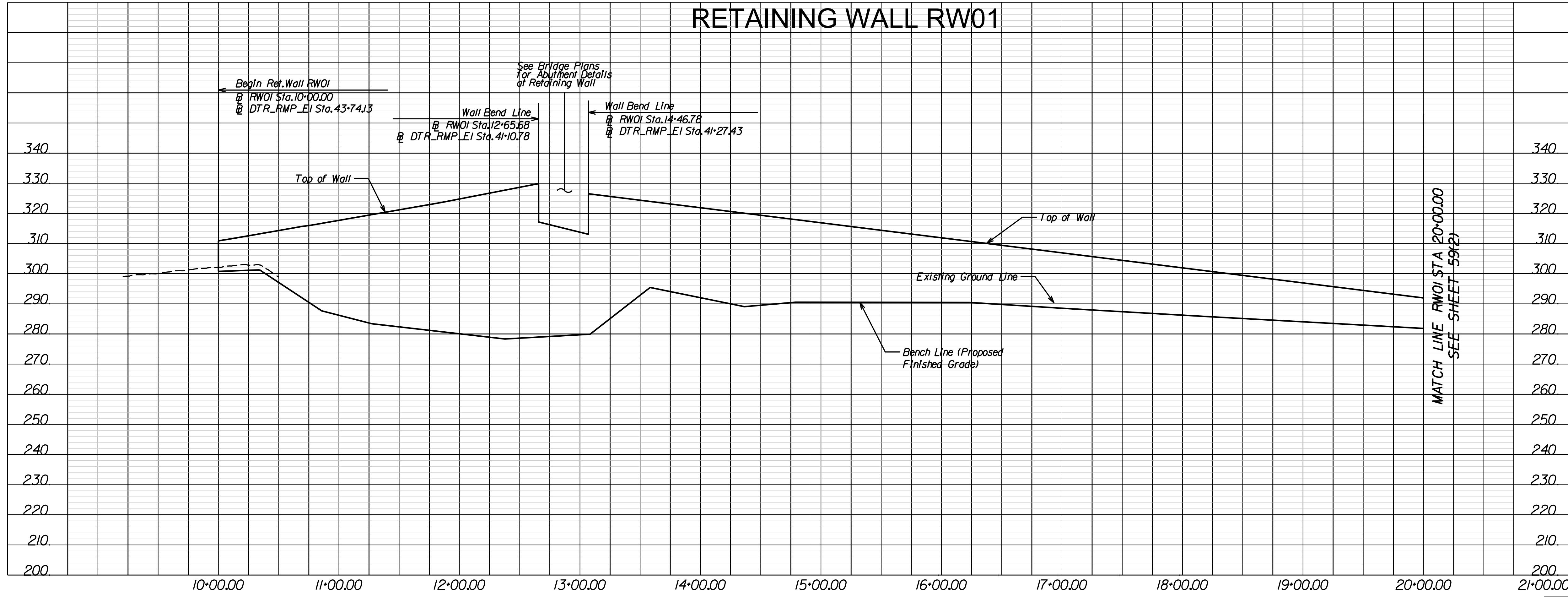
REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	59(1)

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



MATCH LINE RW01 STA 20+00.00
SEE SHEET 59(2)

RETAINING WALL RW01



MATCH LINE RW01 STA 20+00.00
SEE SHEET 59(2)



PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Blca Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

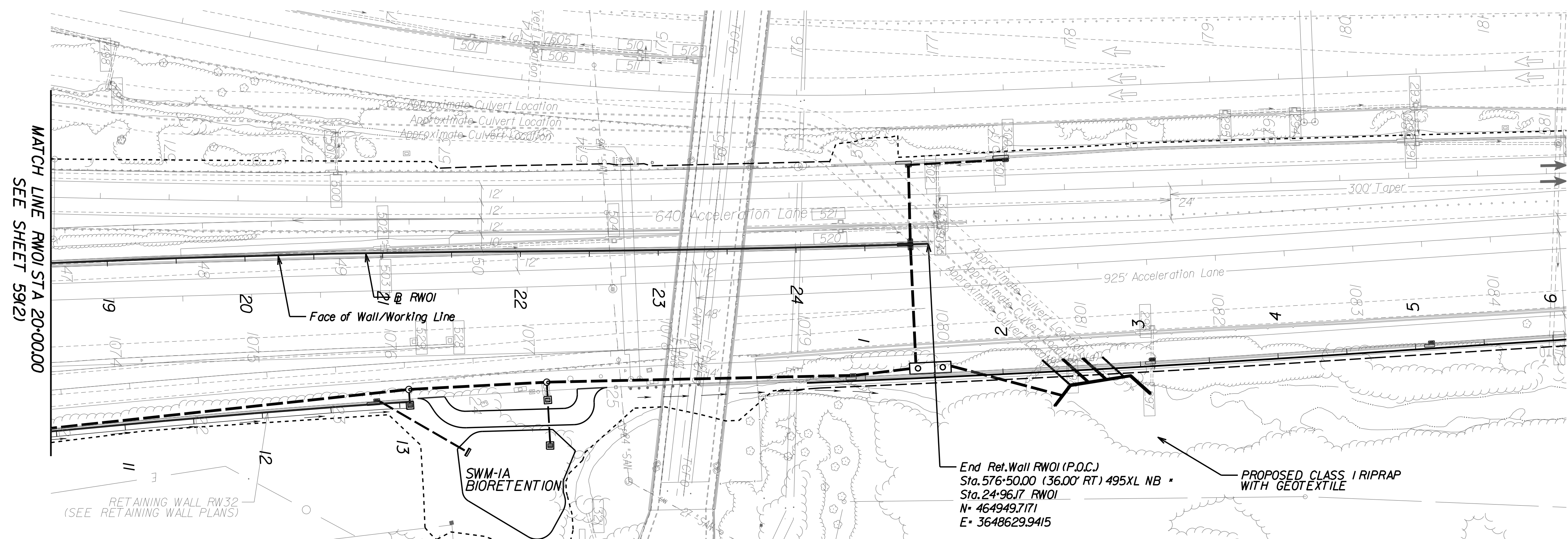
PUBLIC HEARING PLANS
DATE: 02/21/2020

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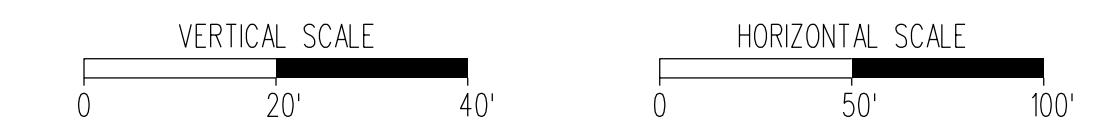
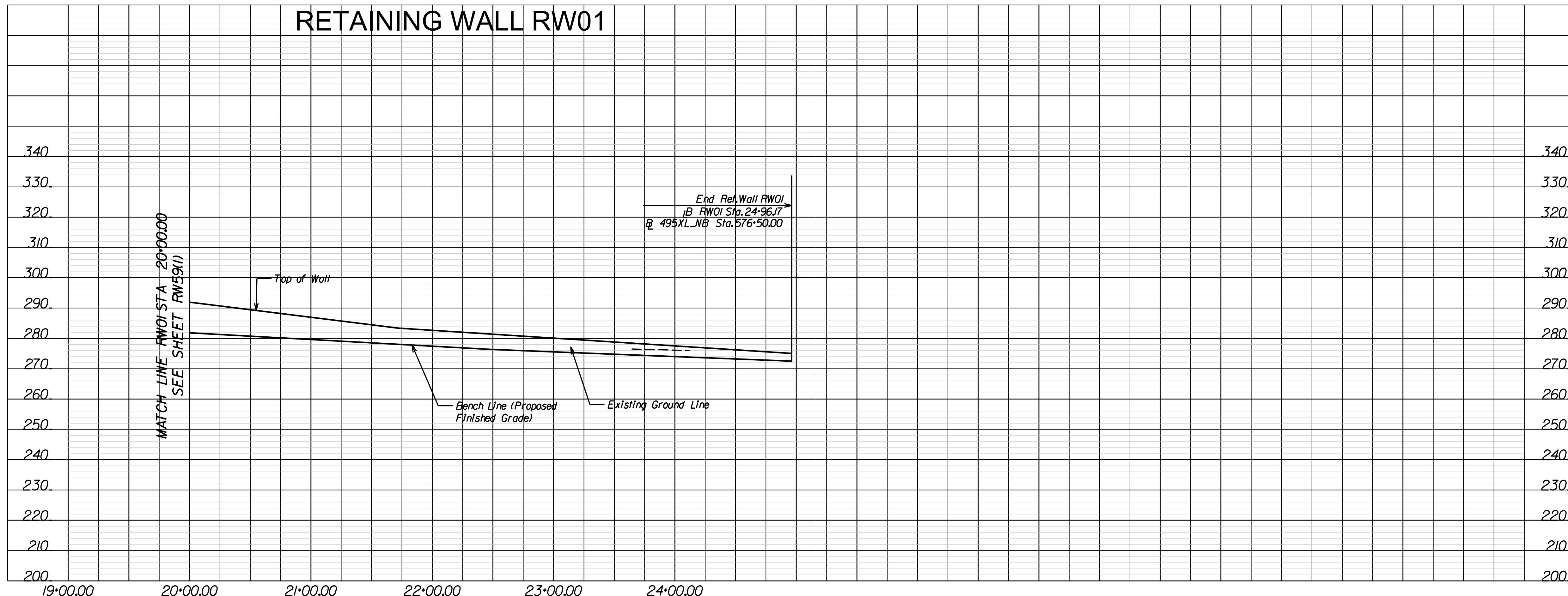
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	59(2)

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RETAINING WALL RW01



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

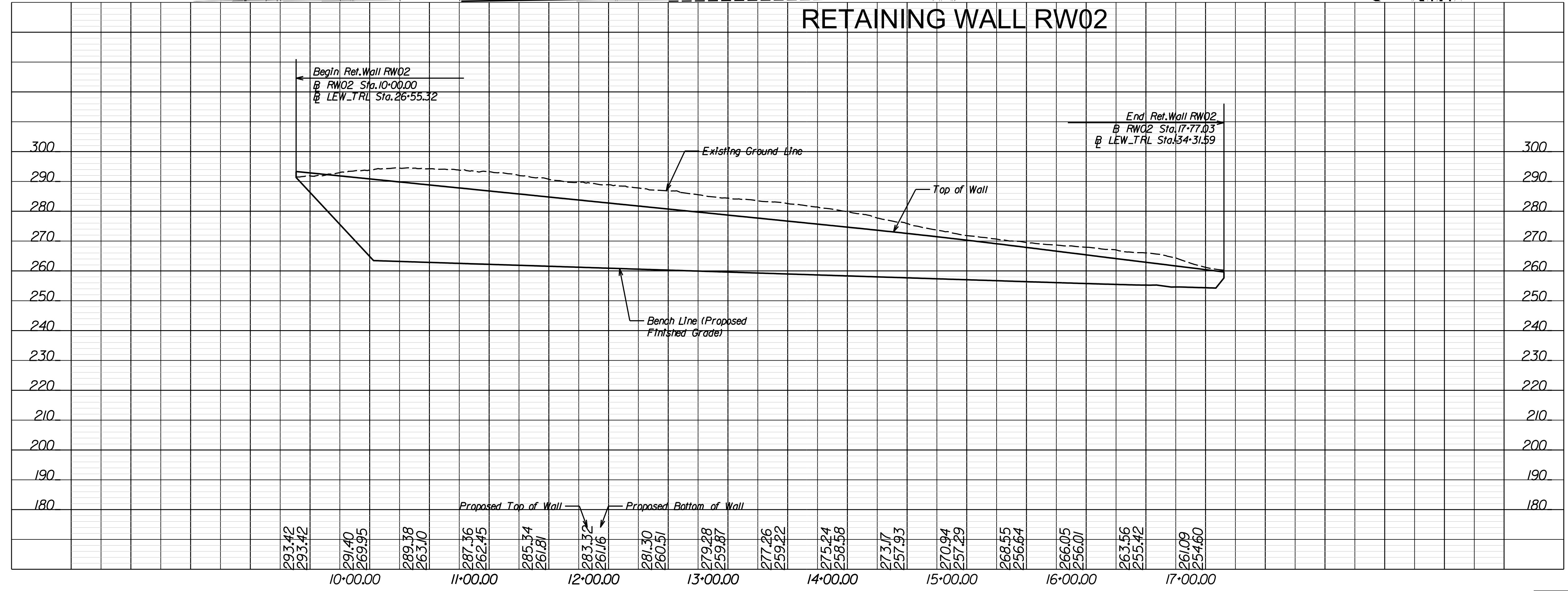
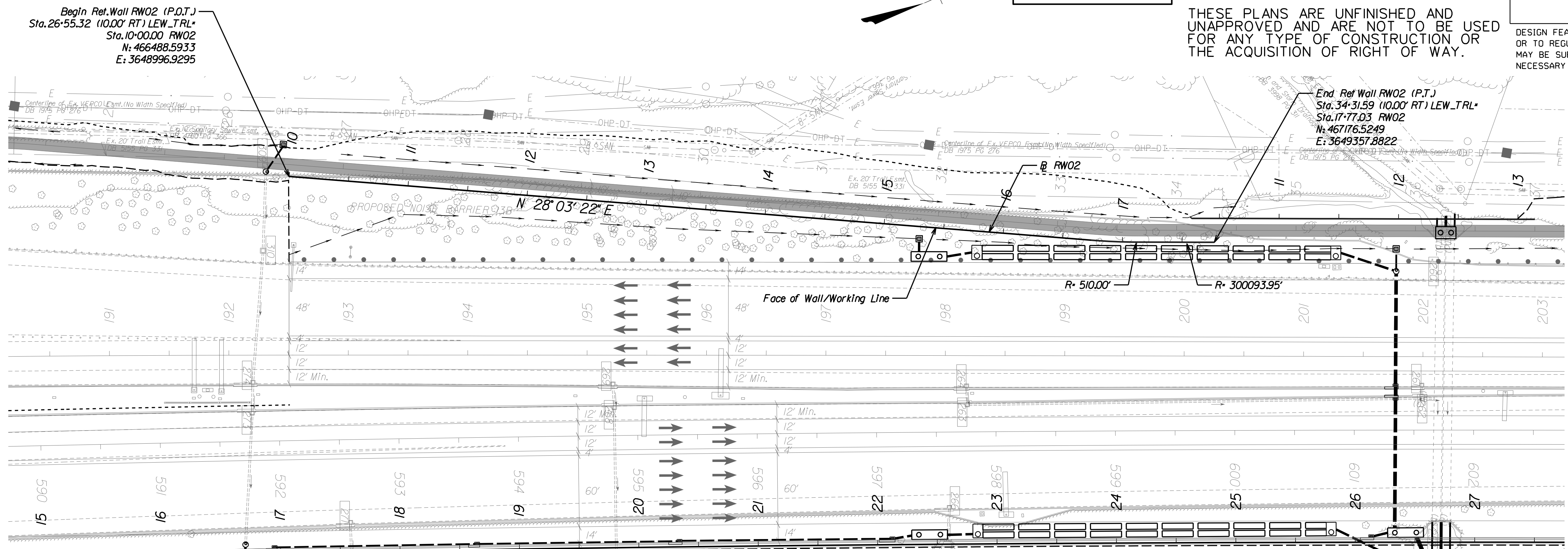
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	60

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



PROJECT	SHEET NO.
0495-029-419	60

PROJECT MANAGER Capital Beltway Express, LLC
 SURVEYED BY, DATE Rice Associates, 2019-06-17
 DESIGN BY HDR Engineering
 SUBSURFACE UTILITY BY, DATE N/A

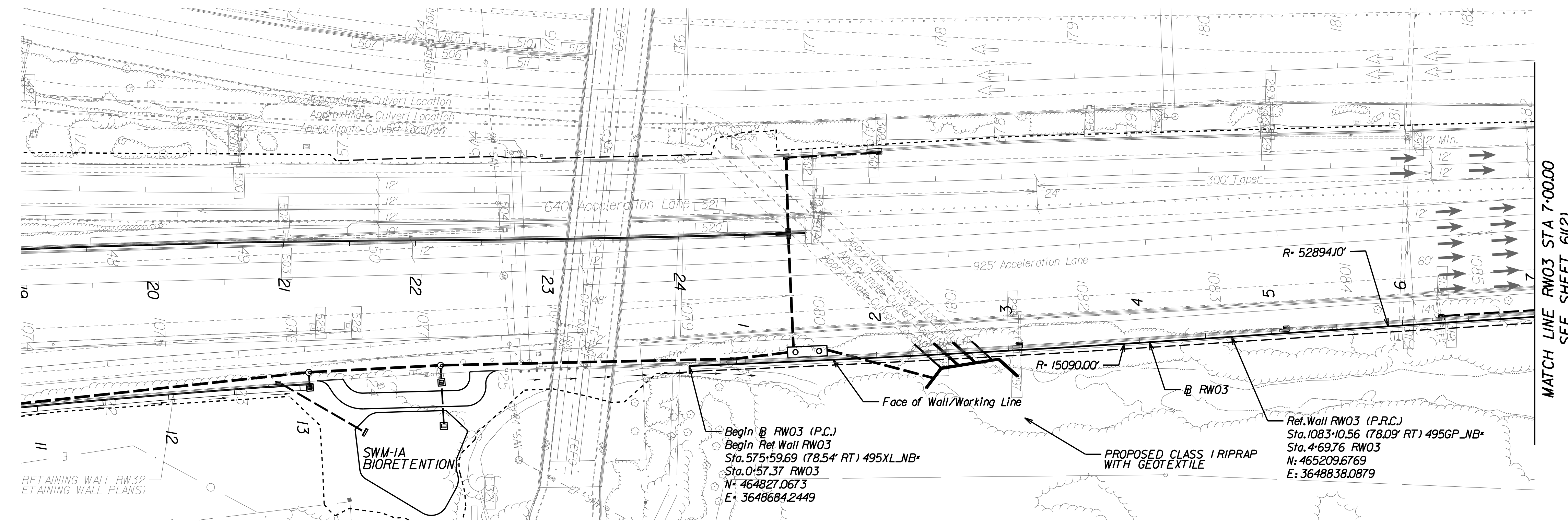
PUBLIC HEARING PLANS
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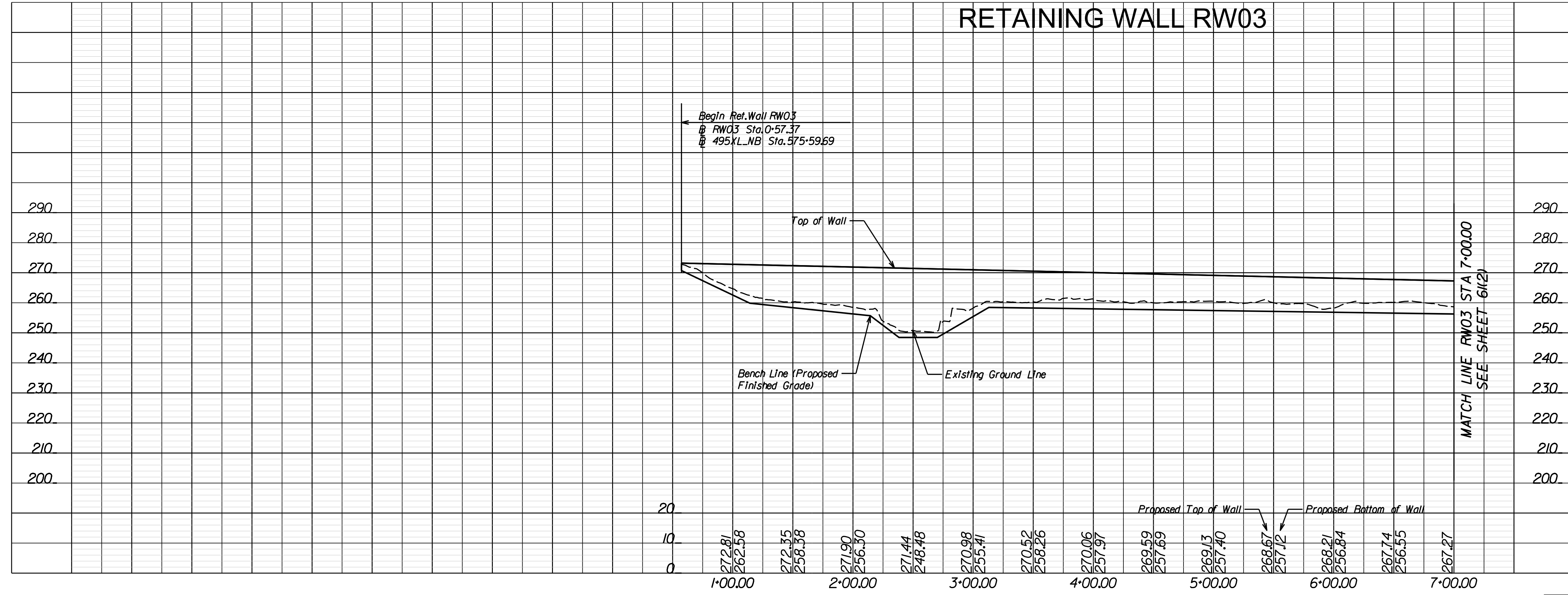
REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	6(11)

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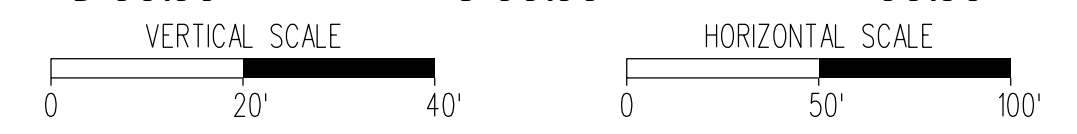


MATCH LINE RW03 STA 7+00.00
SEE SHEET 6(12)

RETAINING WALL RW03



MATCH LINE RW03 STA 7+00.00
SEE SHEET 6(12)



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Btce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

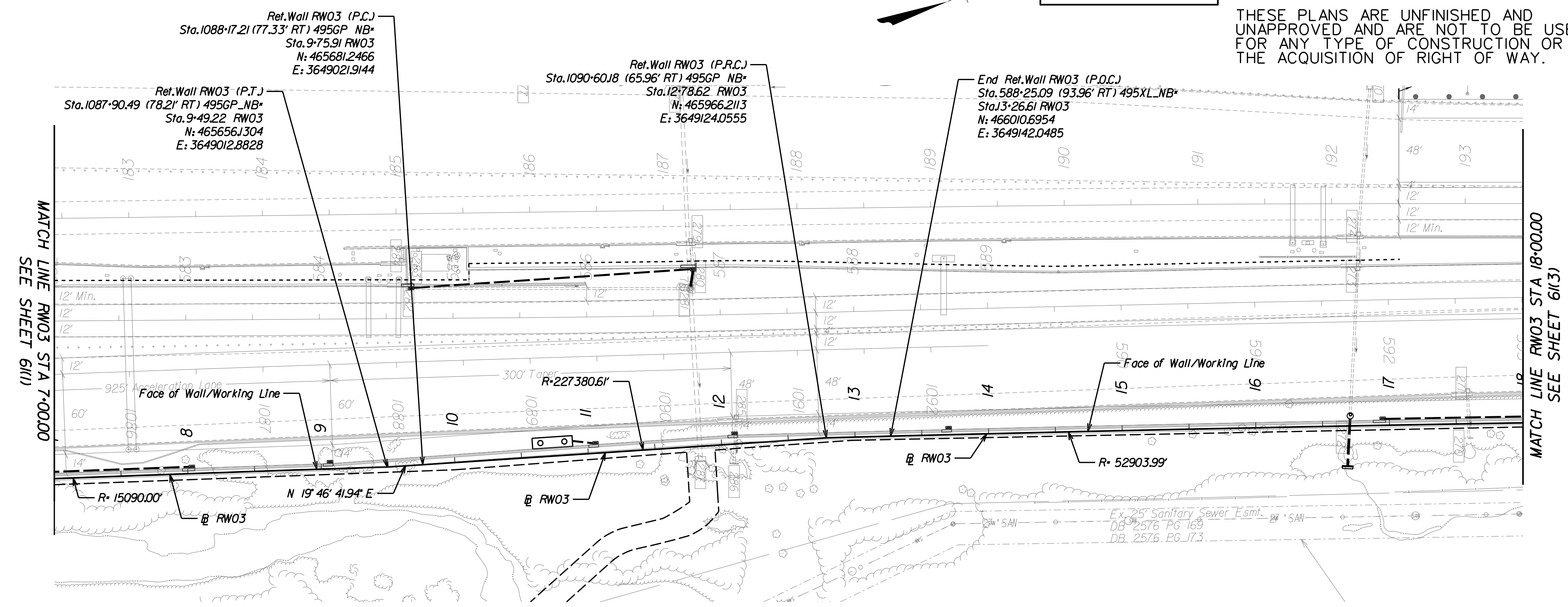
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

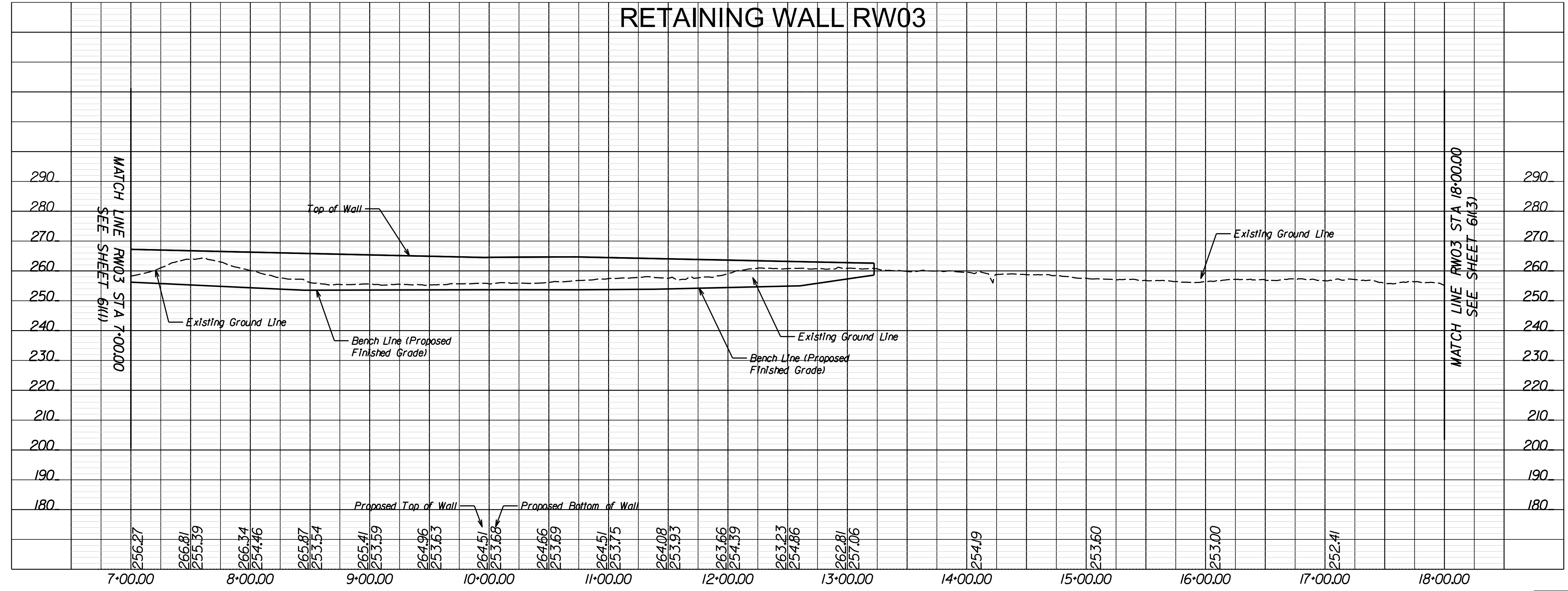
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	61(2)

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



RETAINING WALL RW03



PROJECT	SHEET NO.
0495-029-419	61(2)

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Blca Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

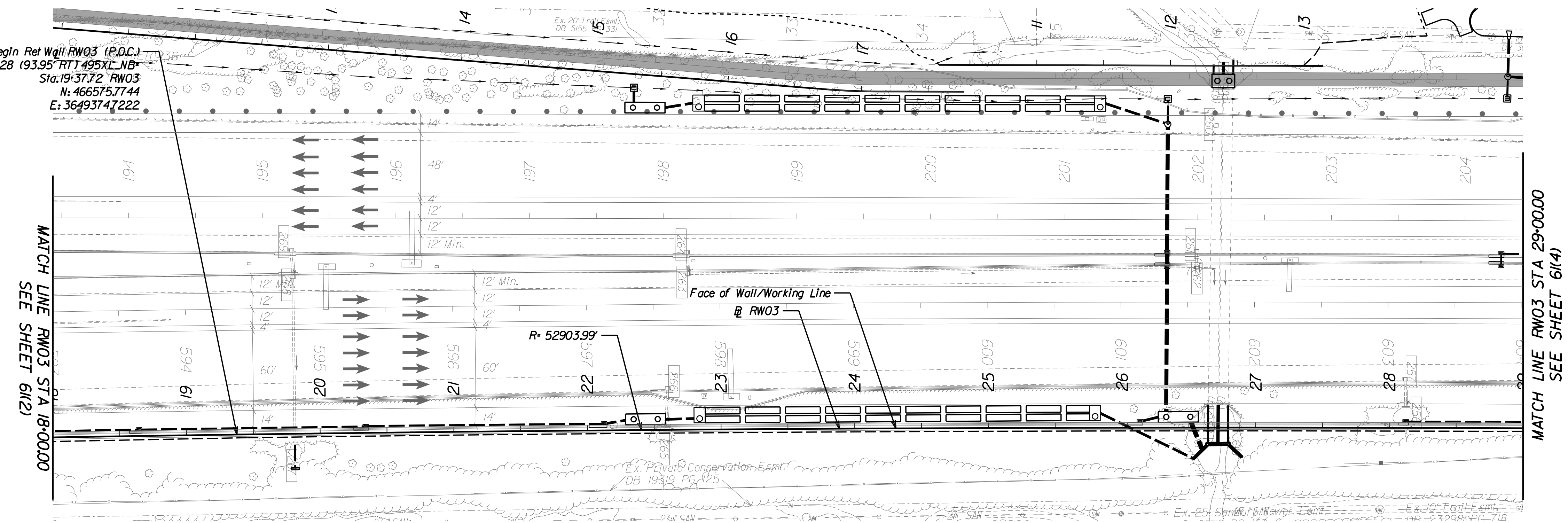
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

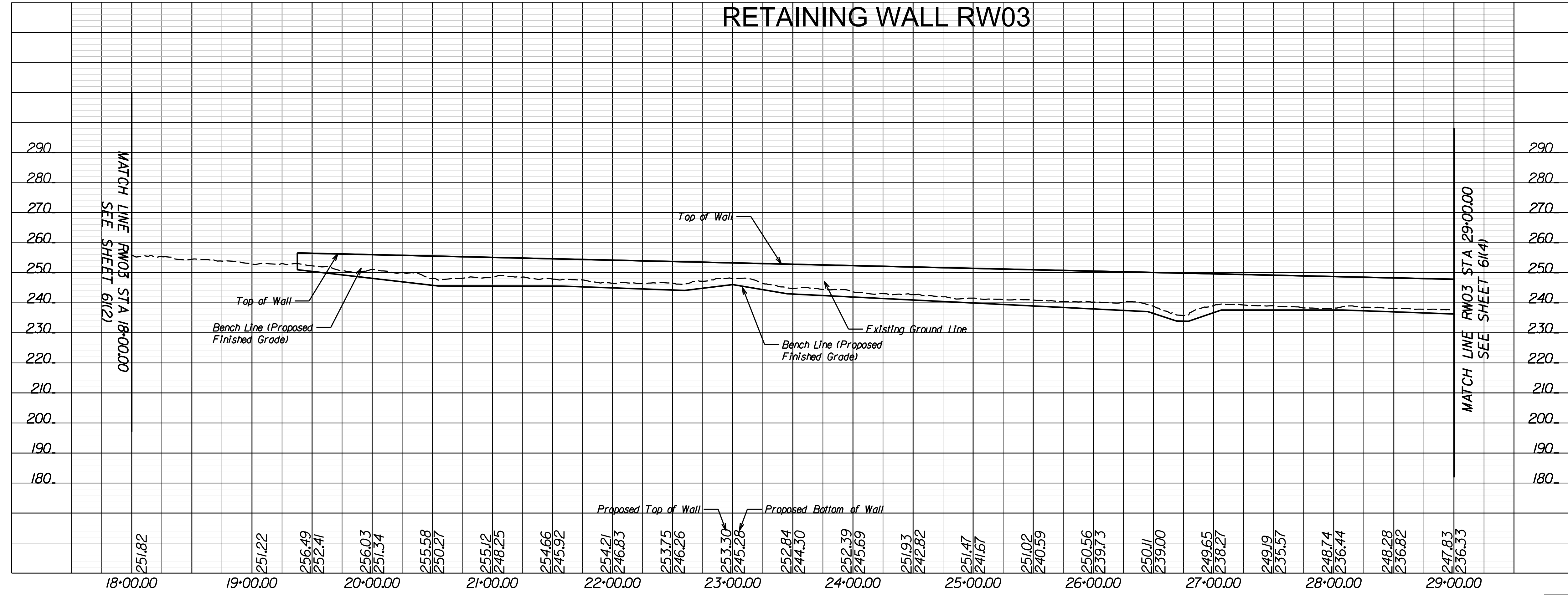
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	61(3)

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



RETAINING WALL RW03



PROJECT MANAGER *Capital Beltway Express, LLC*
SURVEYED BY, DATE *Btce Associates, 2019-06-17*
DESIGN BY *HDR Engineering*
SUBSURFACE UTILITY BY, DATE *N/A*

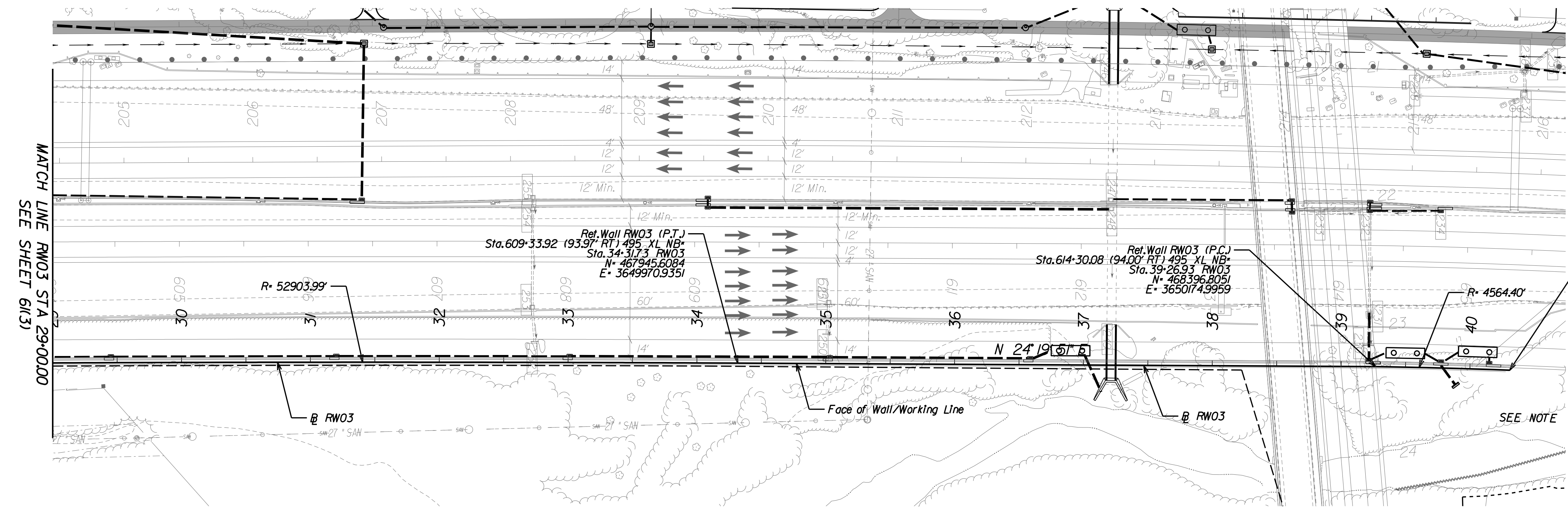
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

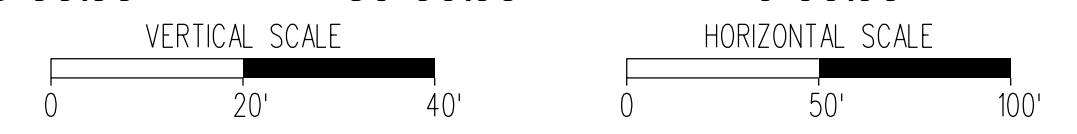
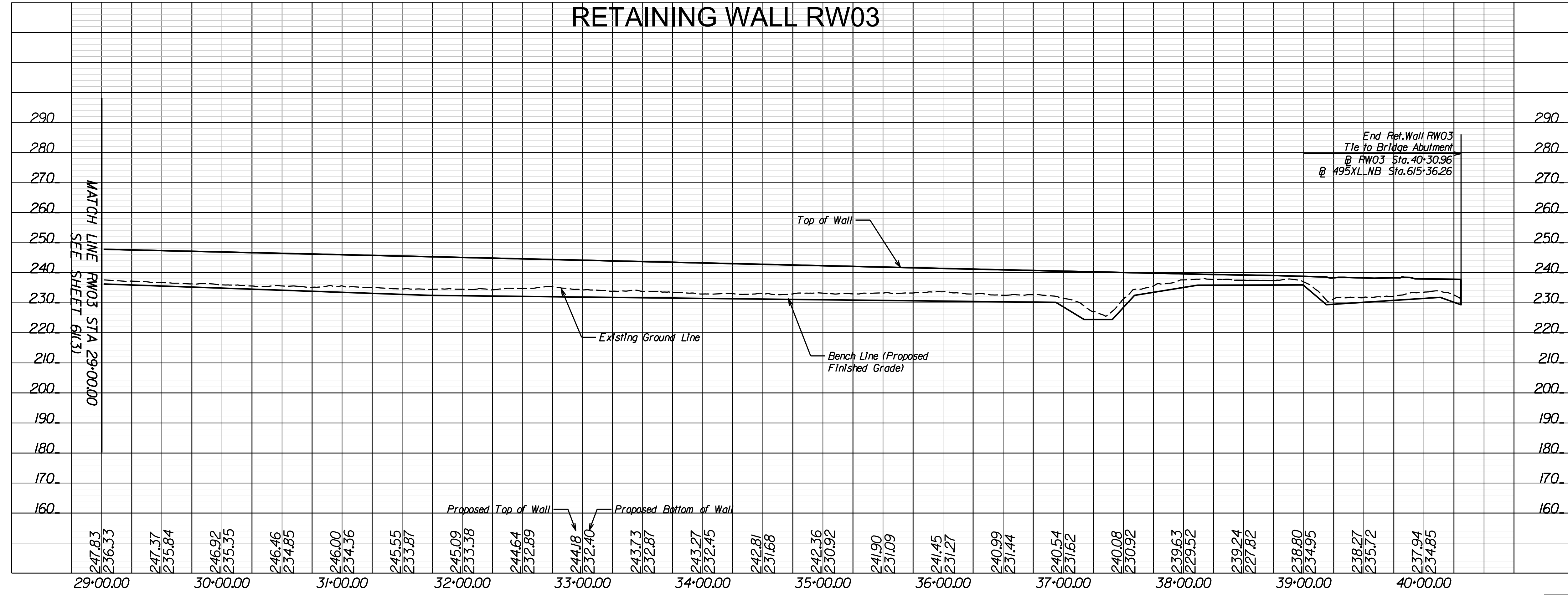
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE		PROJECT	SHEET NO.
	STATE	ROUTE		
	VA.	495	0495-029-419 R-201,C-501	61(4)

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



RETAINING WALL RW03



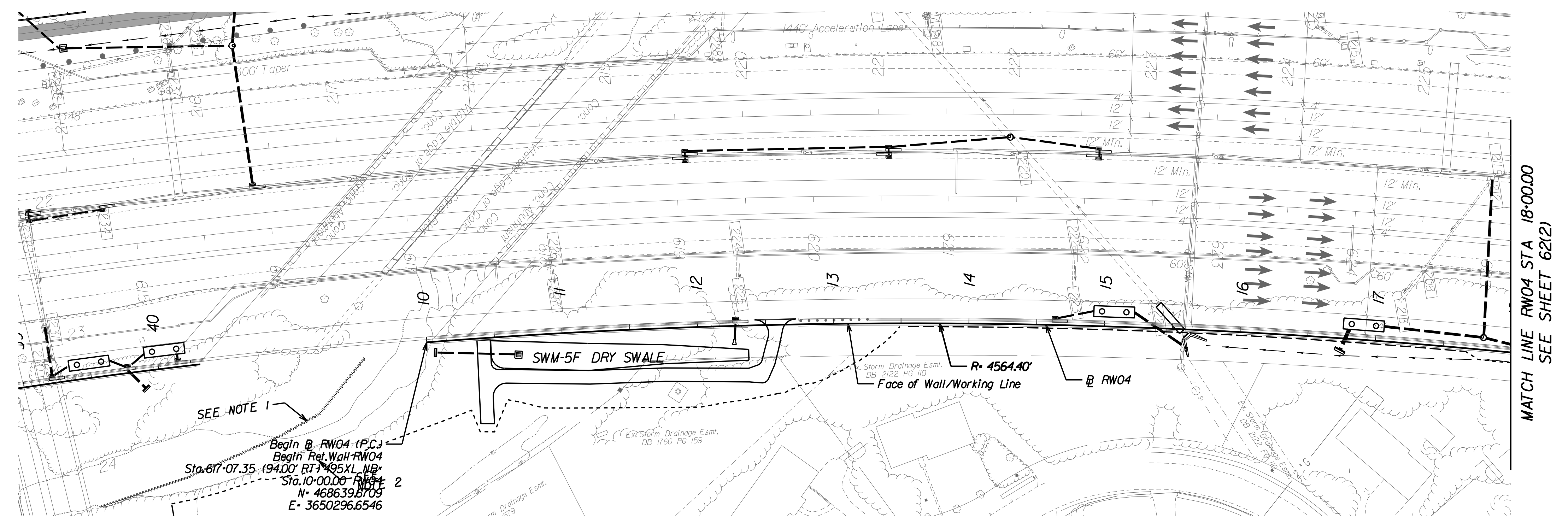
PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Btce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

PUBLIC HEARING PLANS
DATE: 02/21/2020

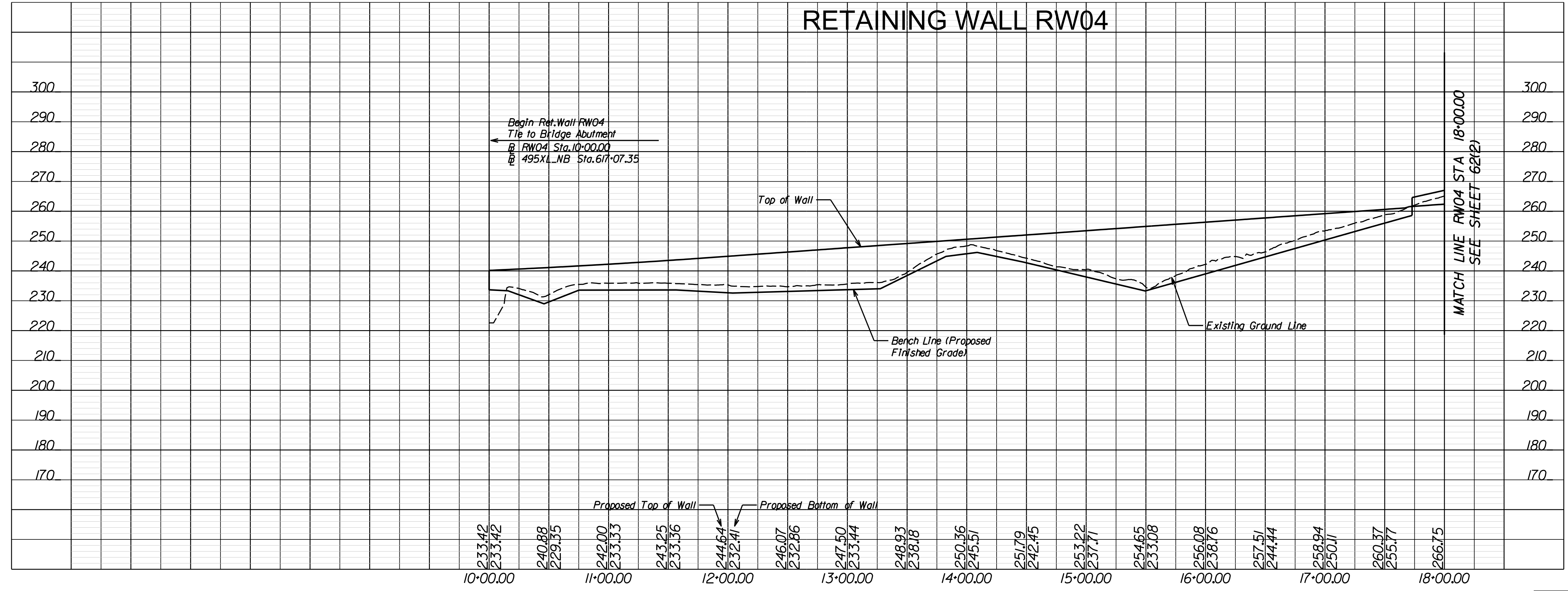
ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	62(1)

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



RETAINING WALL RW04



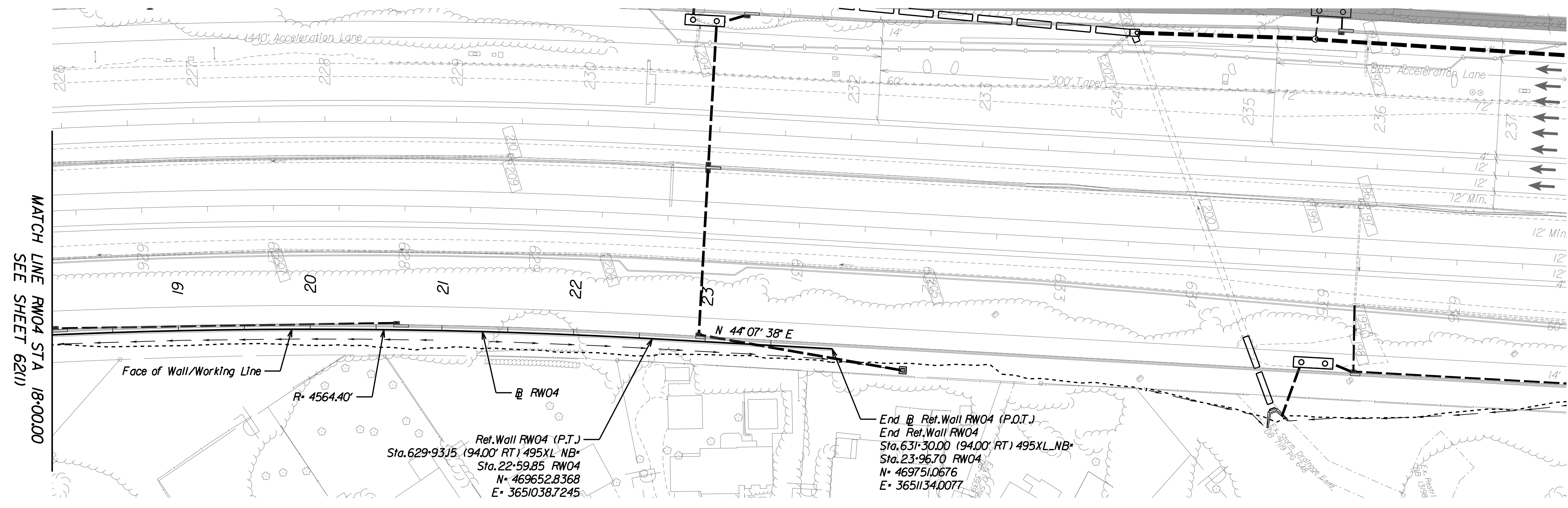
PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Blca Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

PUBLIC HEARING PLANS
DATE: 02/21/2020

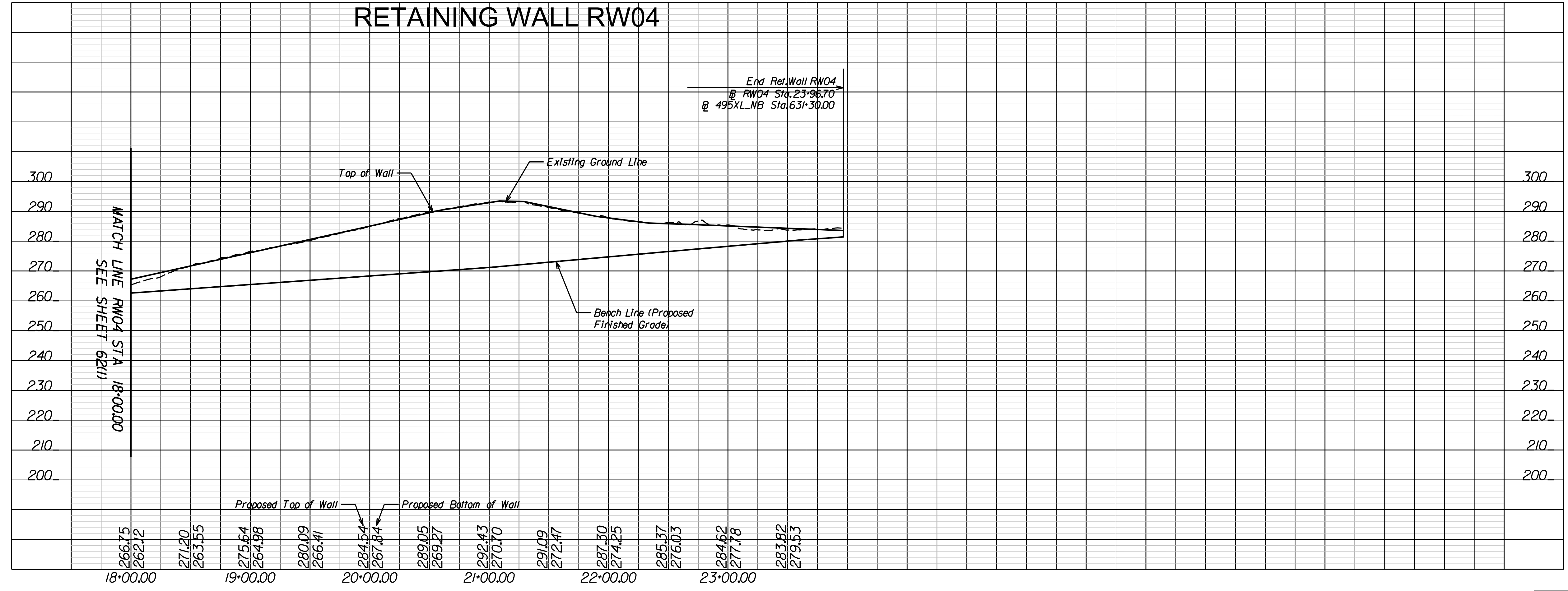
ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	62(2)

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



RETAINING WALL RW04



PROJECT	SHEET NO.
0495-029-419	62(2)

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

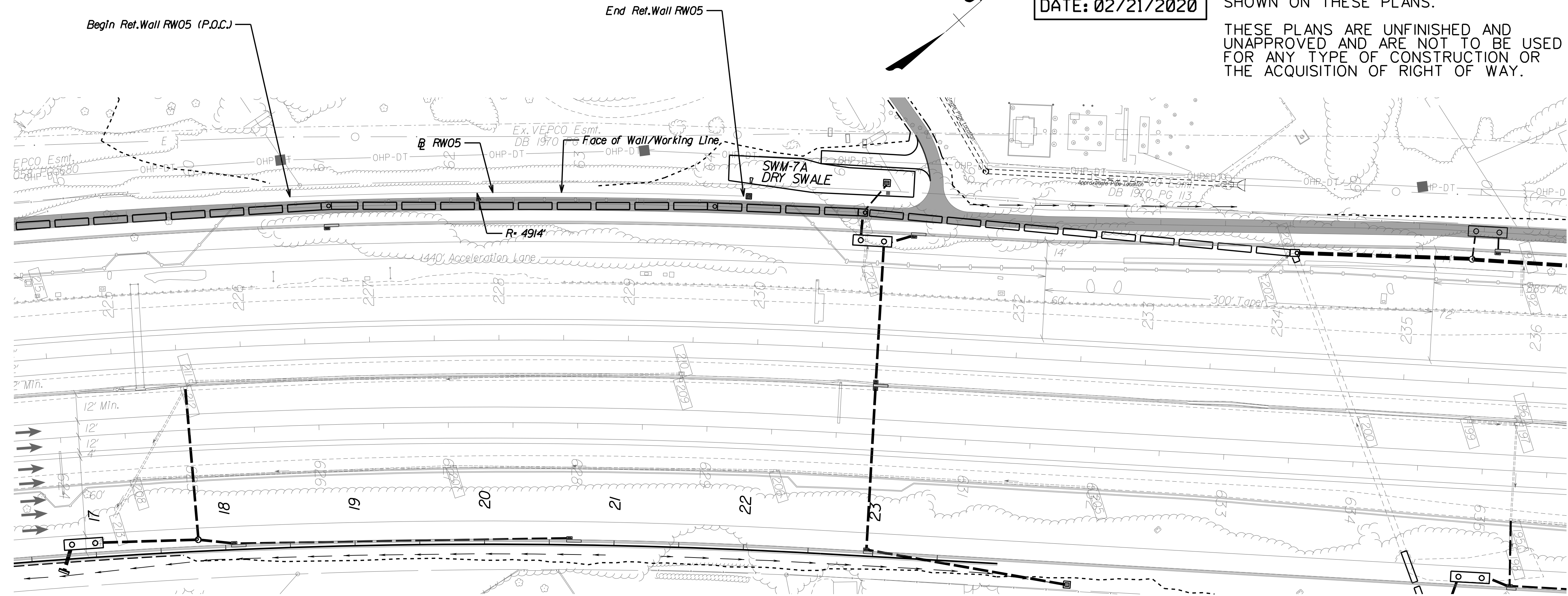
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

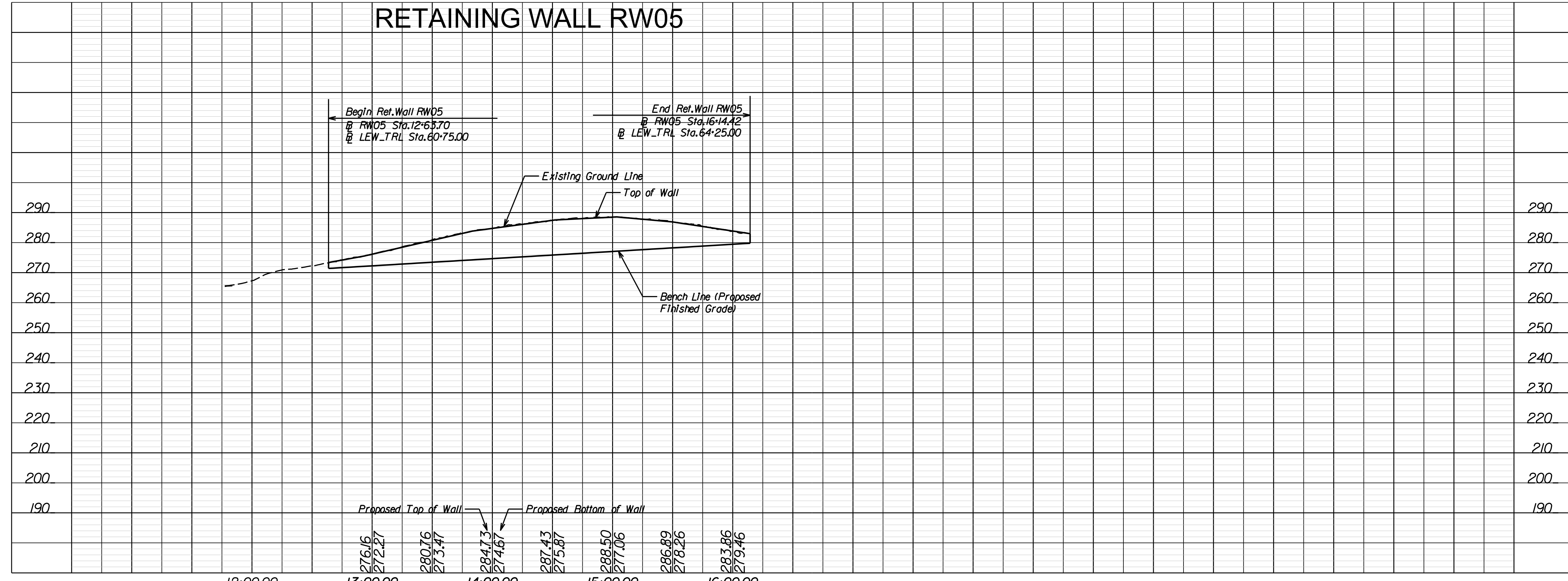
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	63

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



RETAINING WALL RW05



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

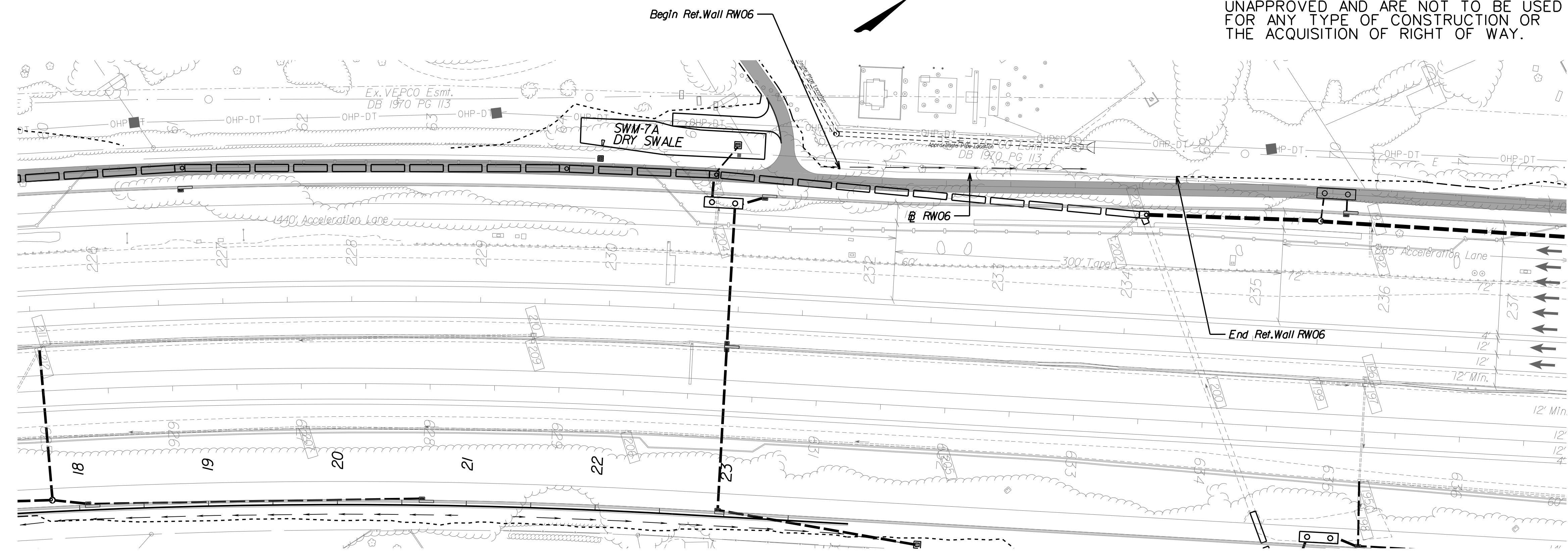
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

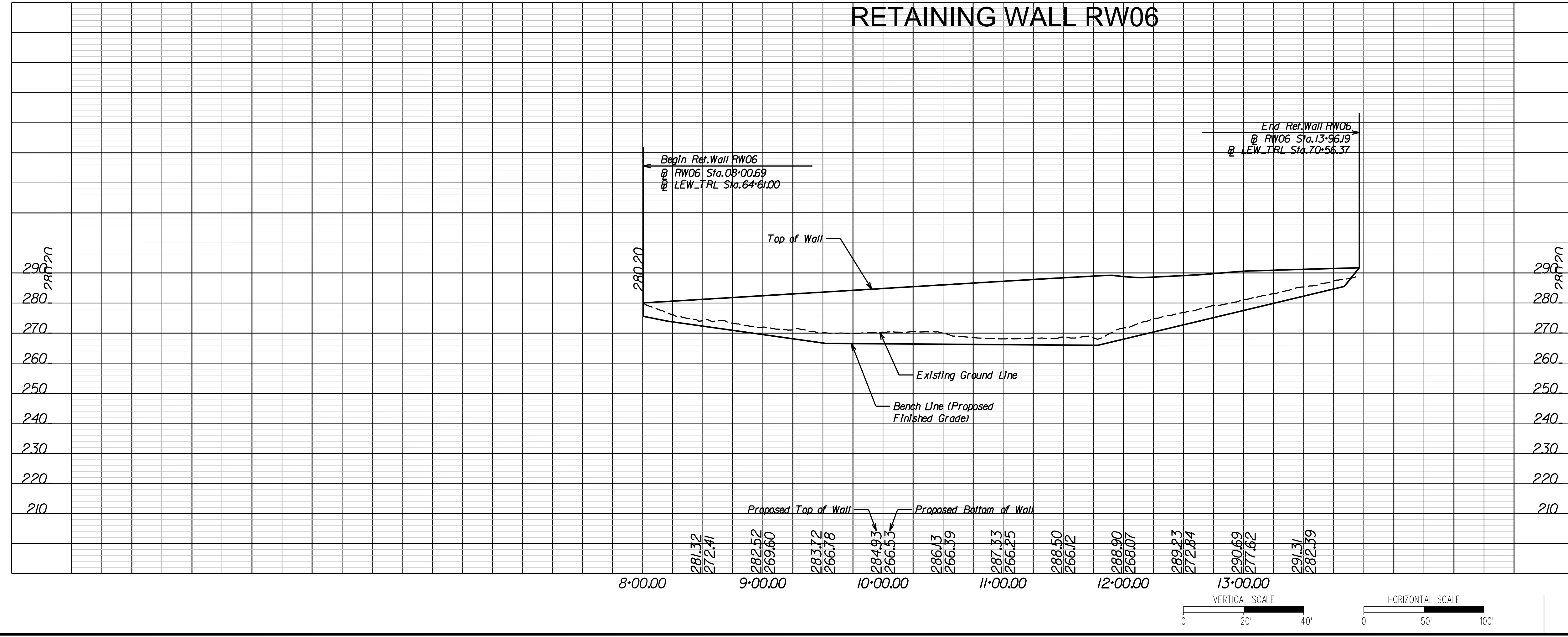
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	64

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



RETAINING WALL RW06



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

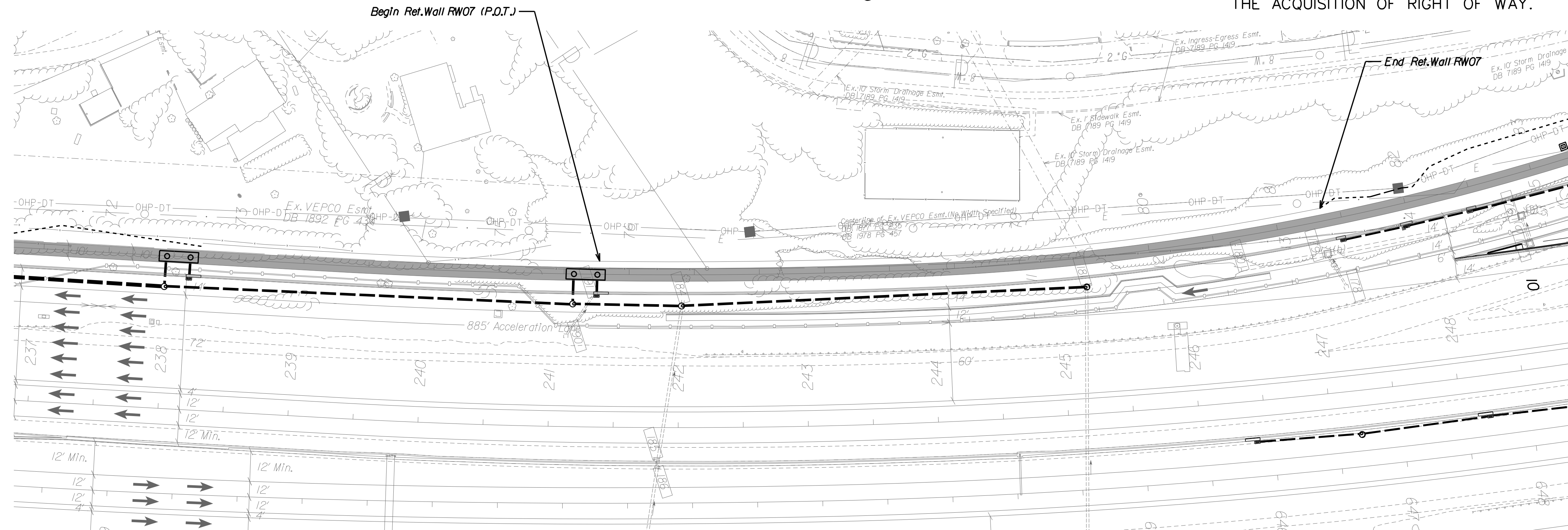
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

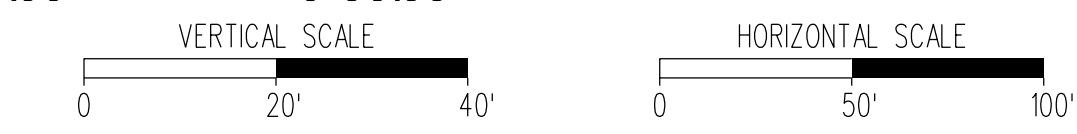
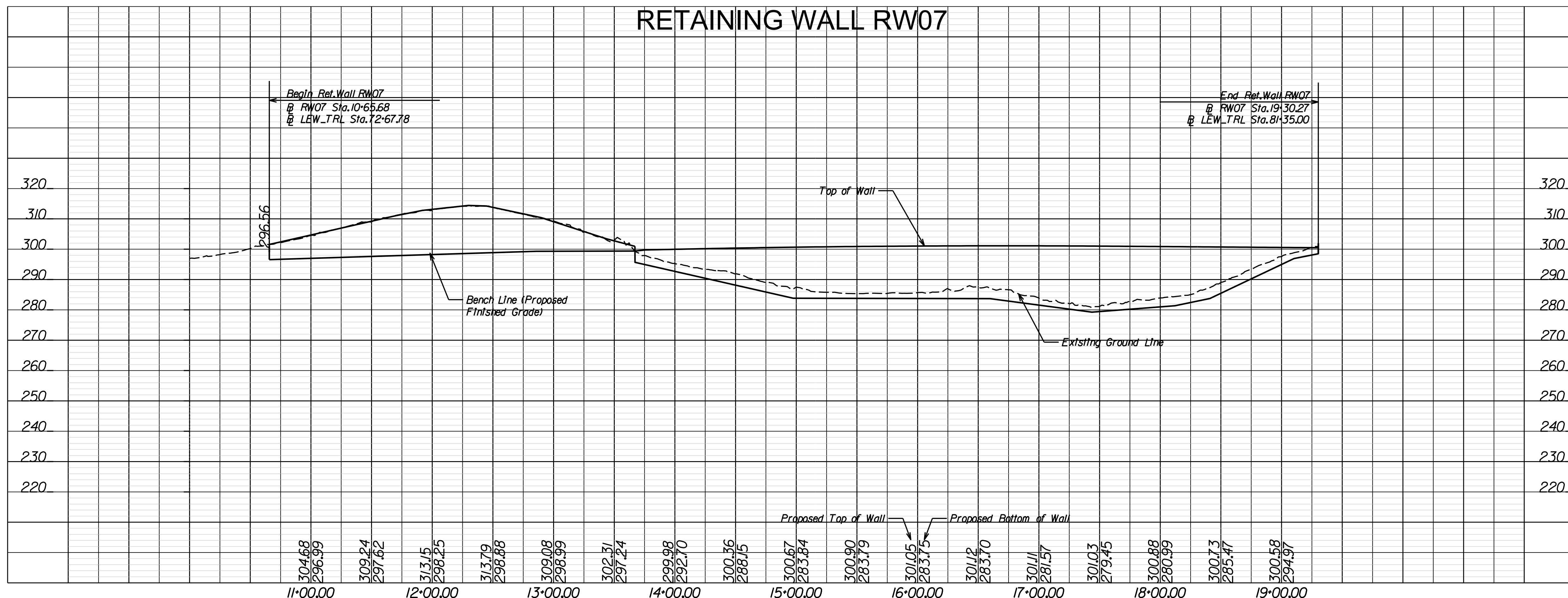
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	65

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



RETAINING WALL RW07



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

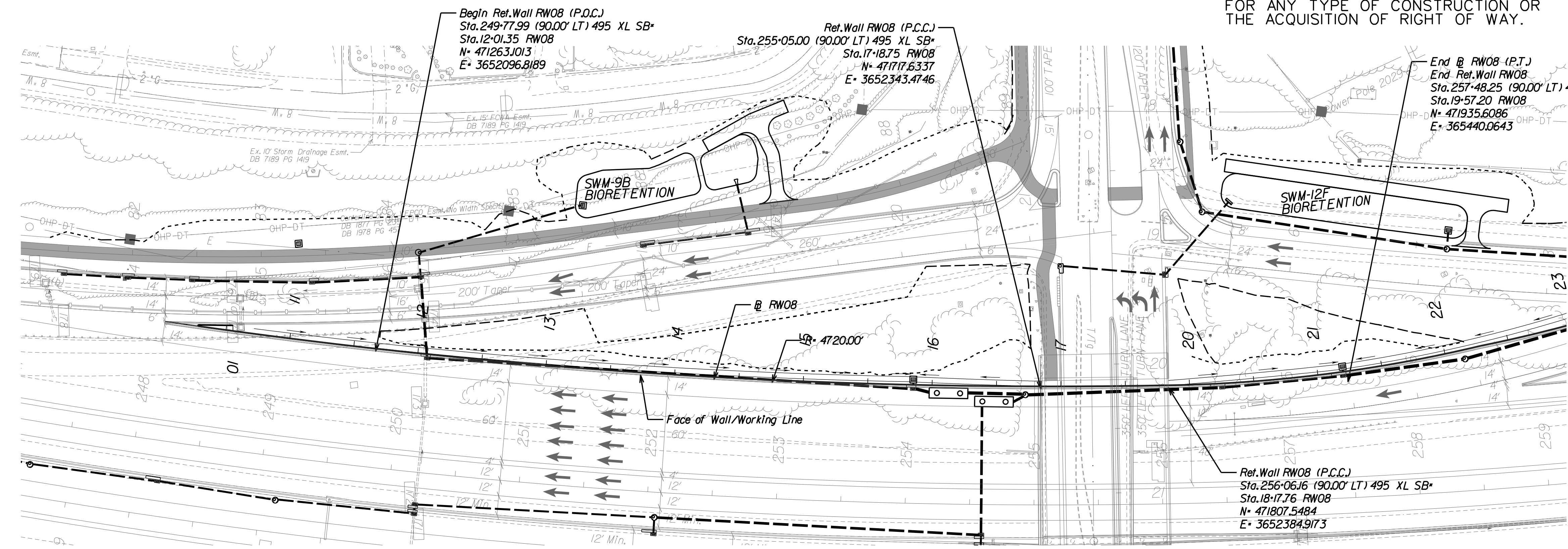
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

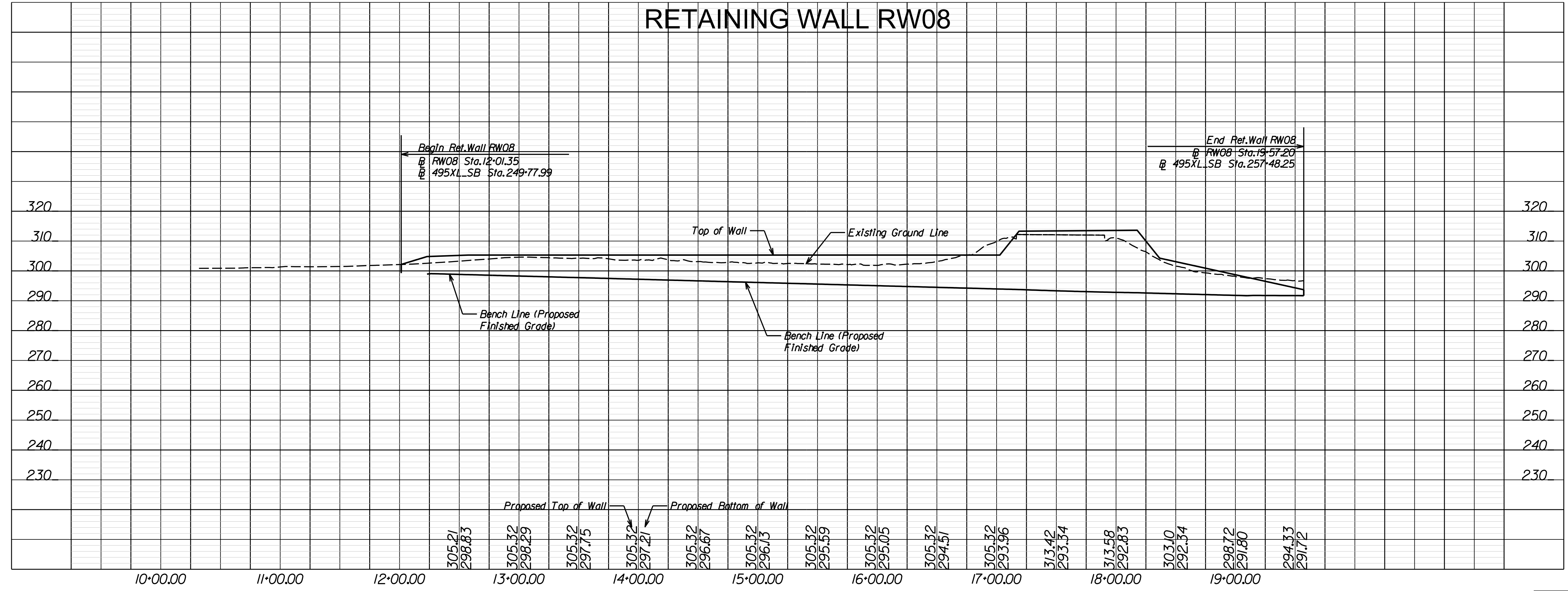
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	66

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



RETAINING WALL RW08



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

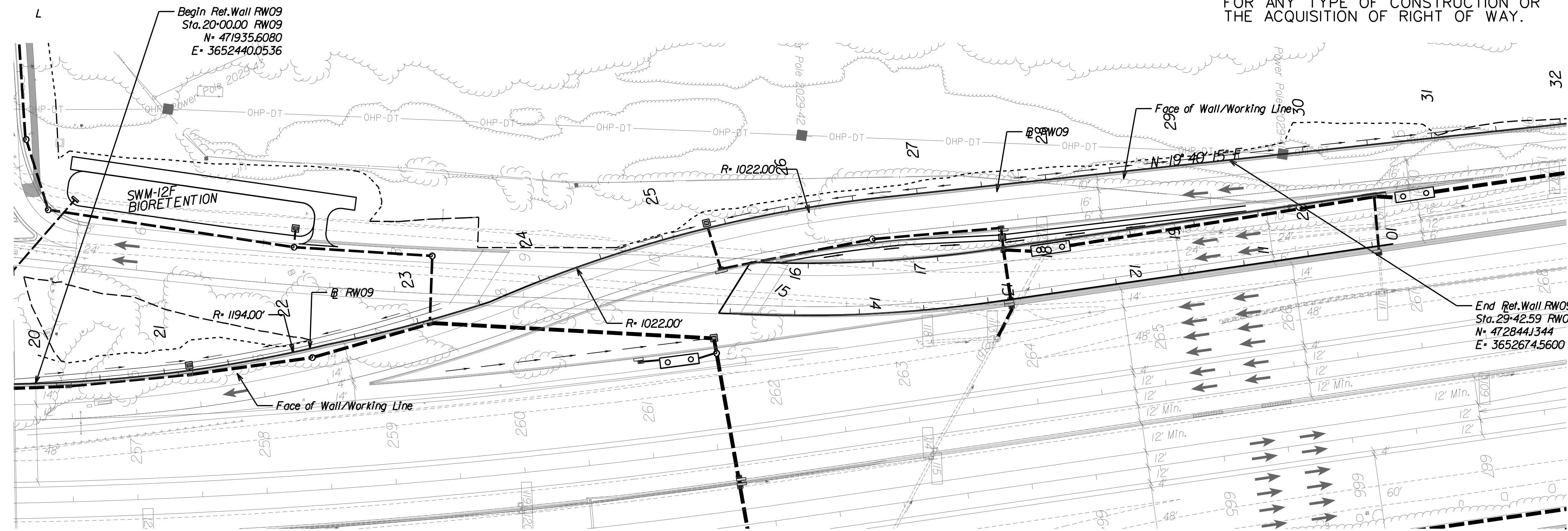
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

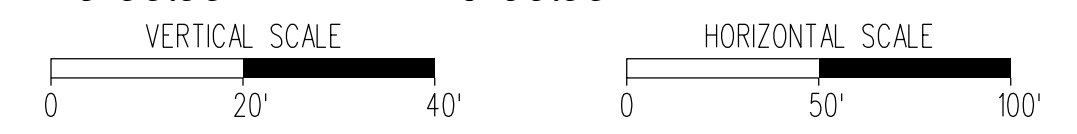
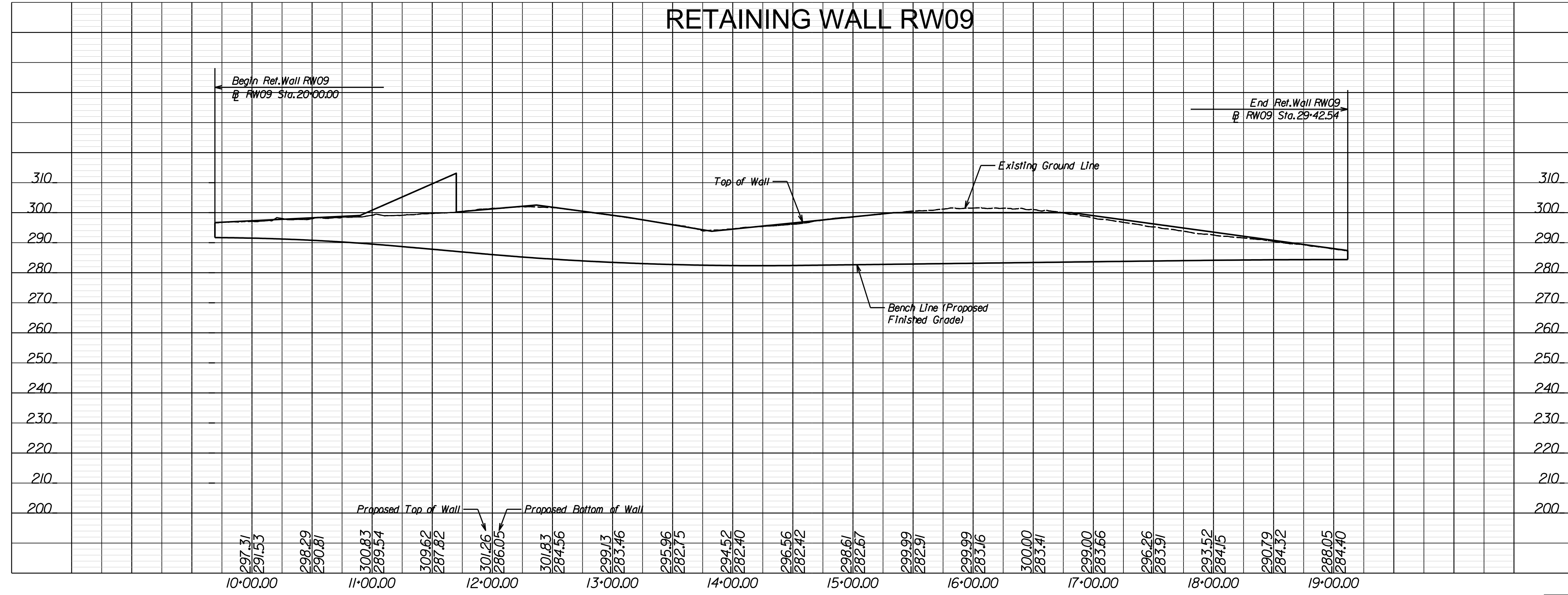
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	67

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



RETAINING WALL RW09



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

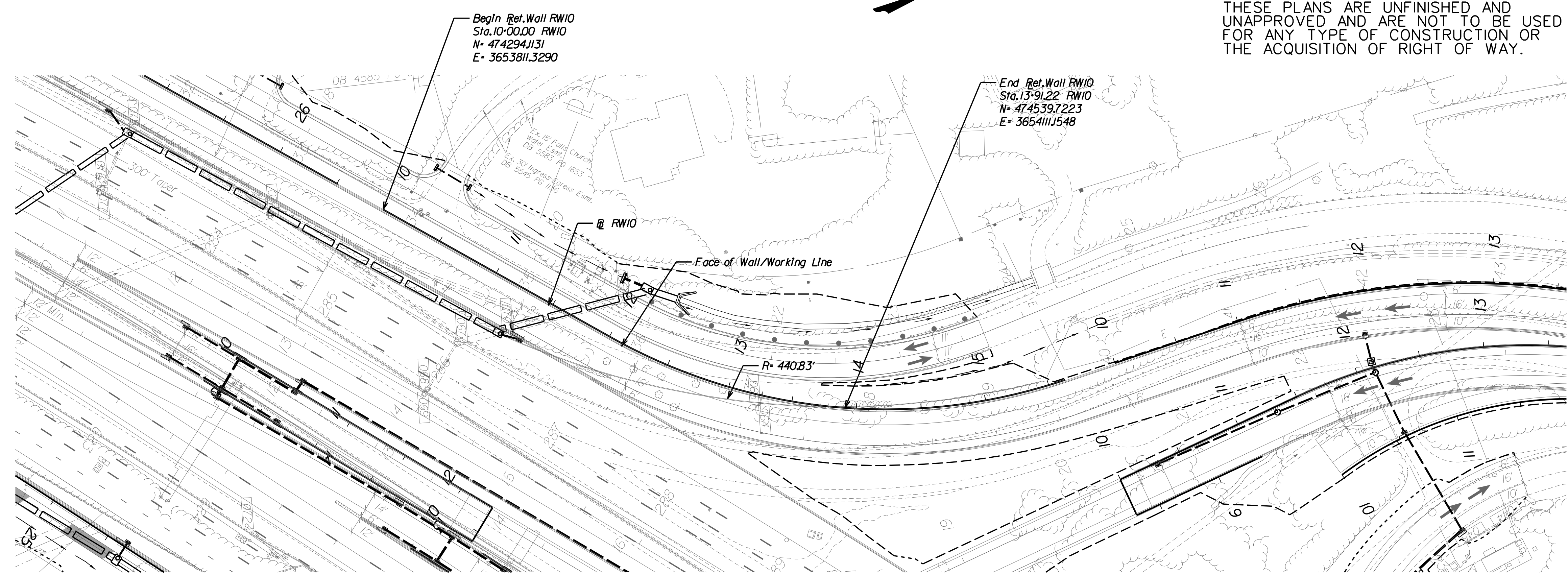
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

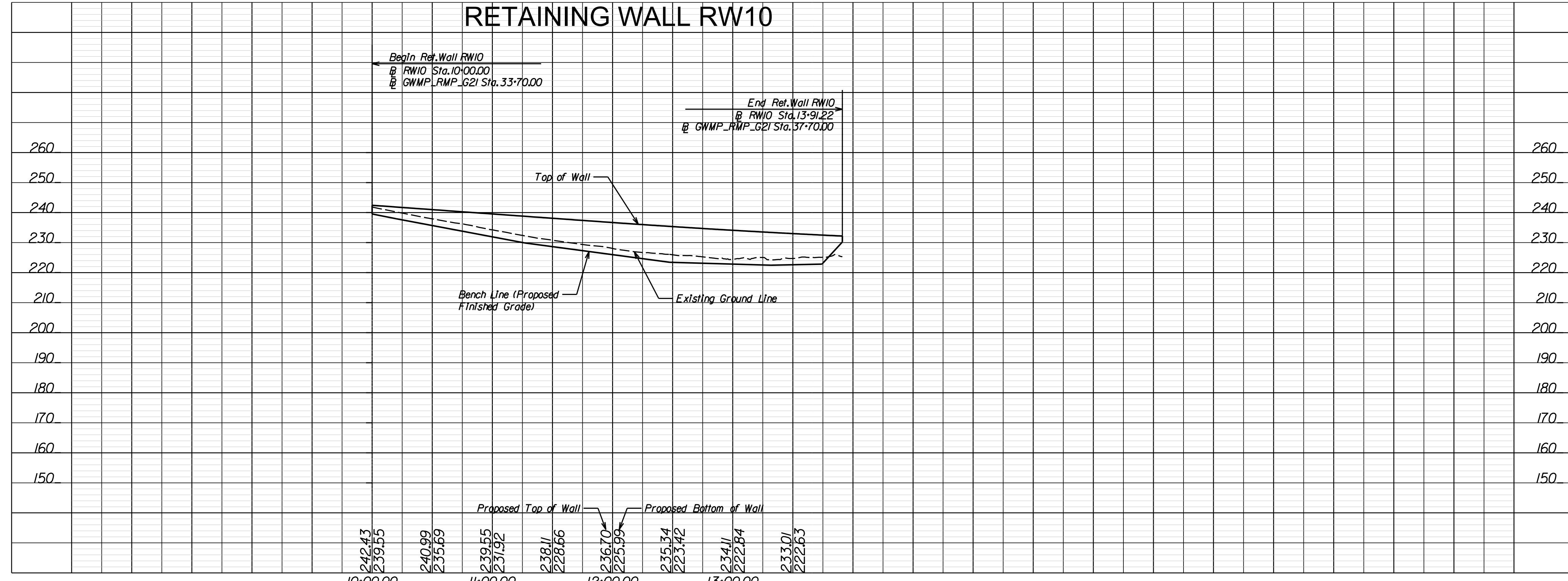
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	68

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



RETAINING WALL RW10



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

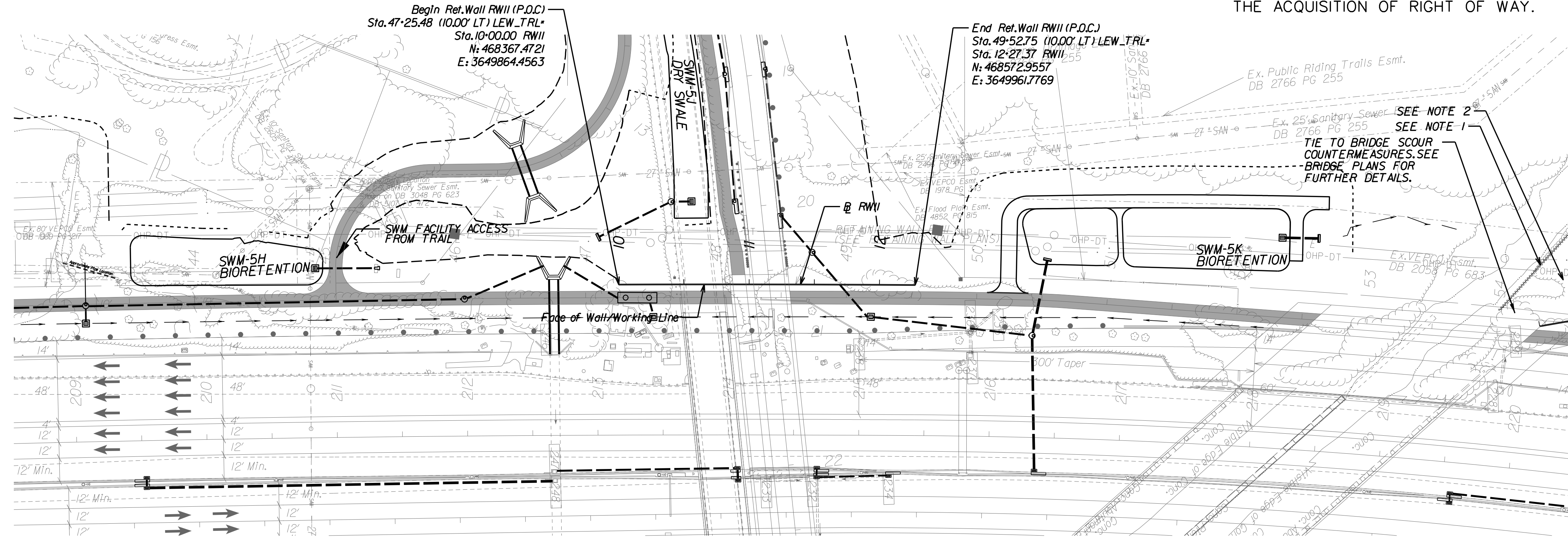
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

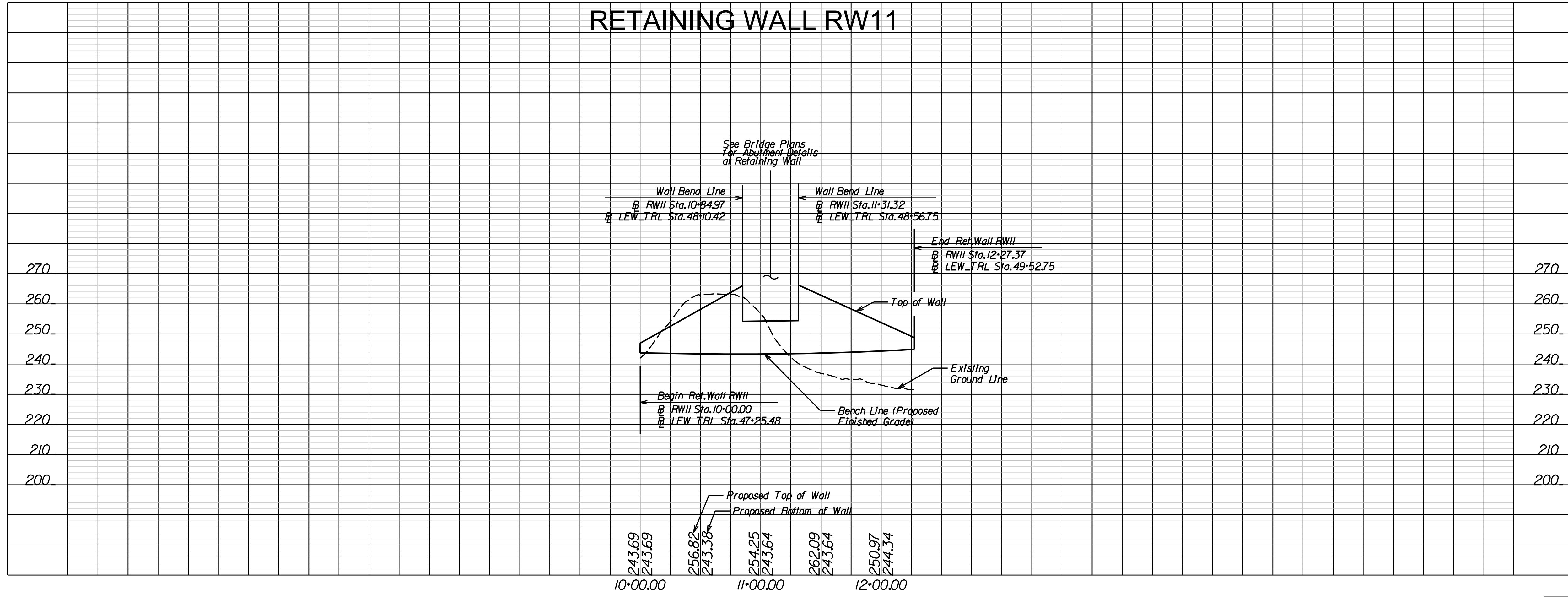
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	69

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



RETAINING WALL RW11



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

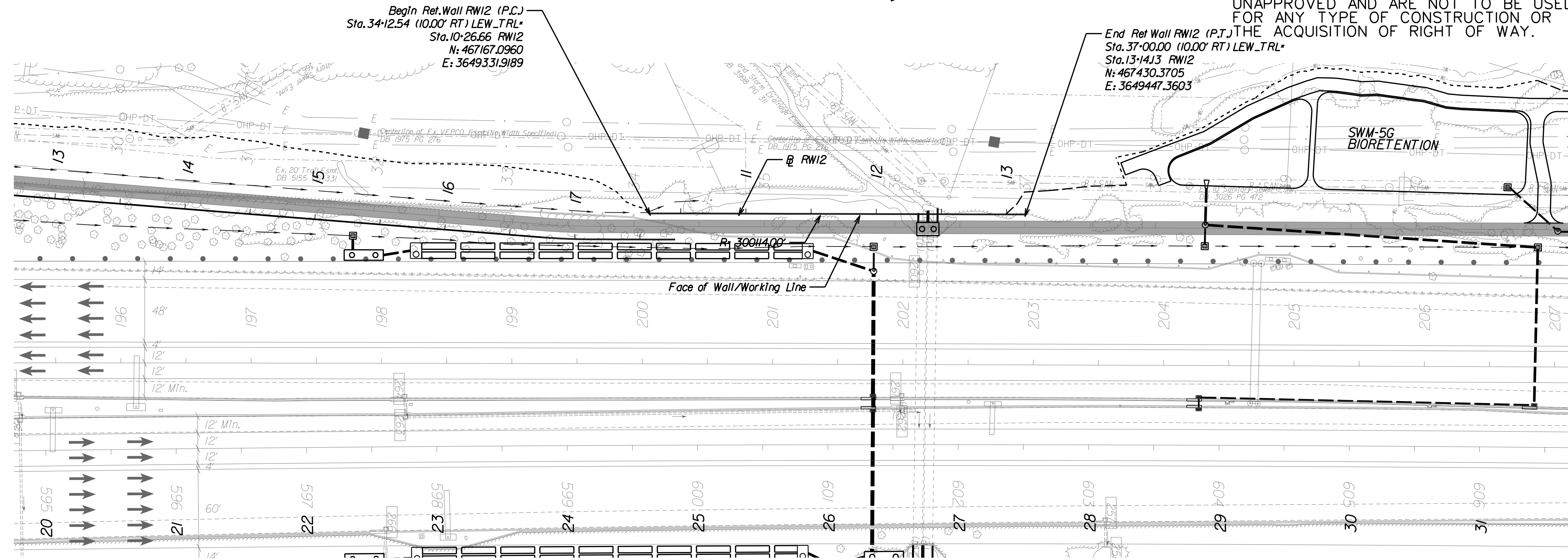
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

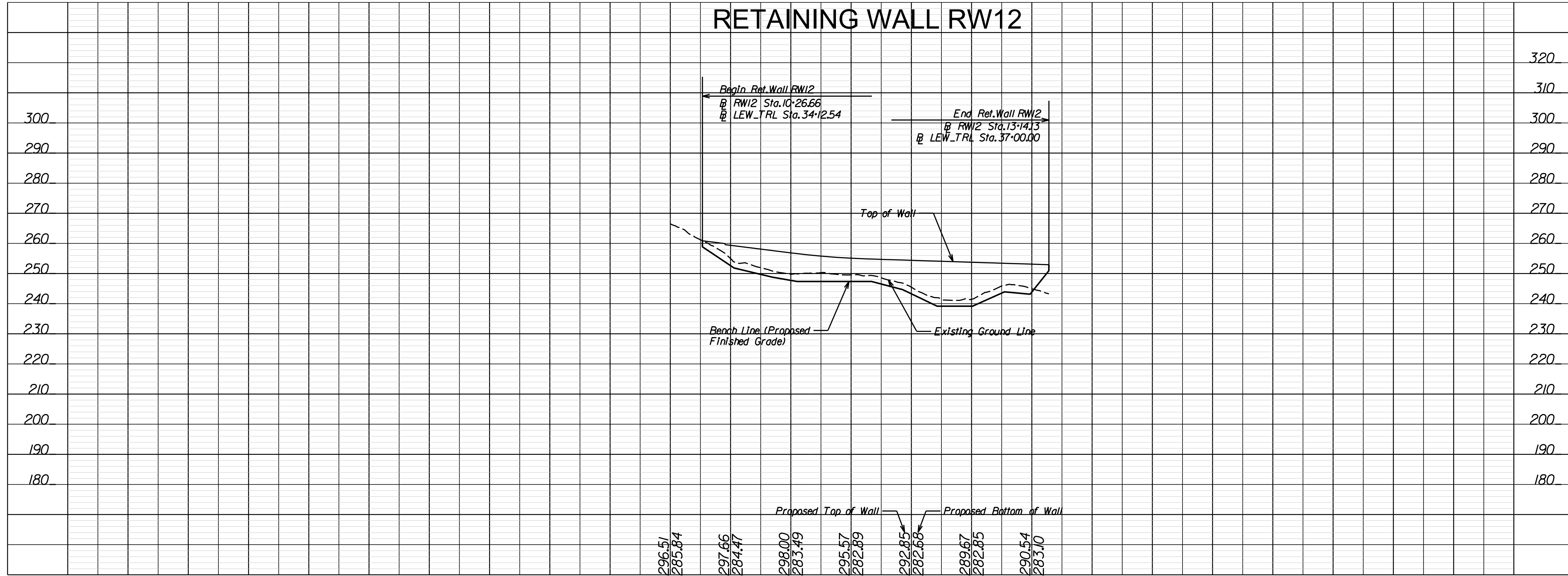
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	70

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



RETAINING WALL RW12



PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Bice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

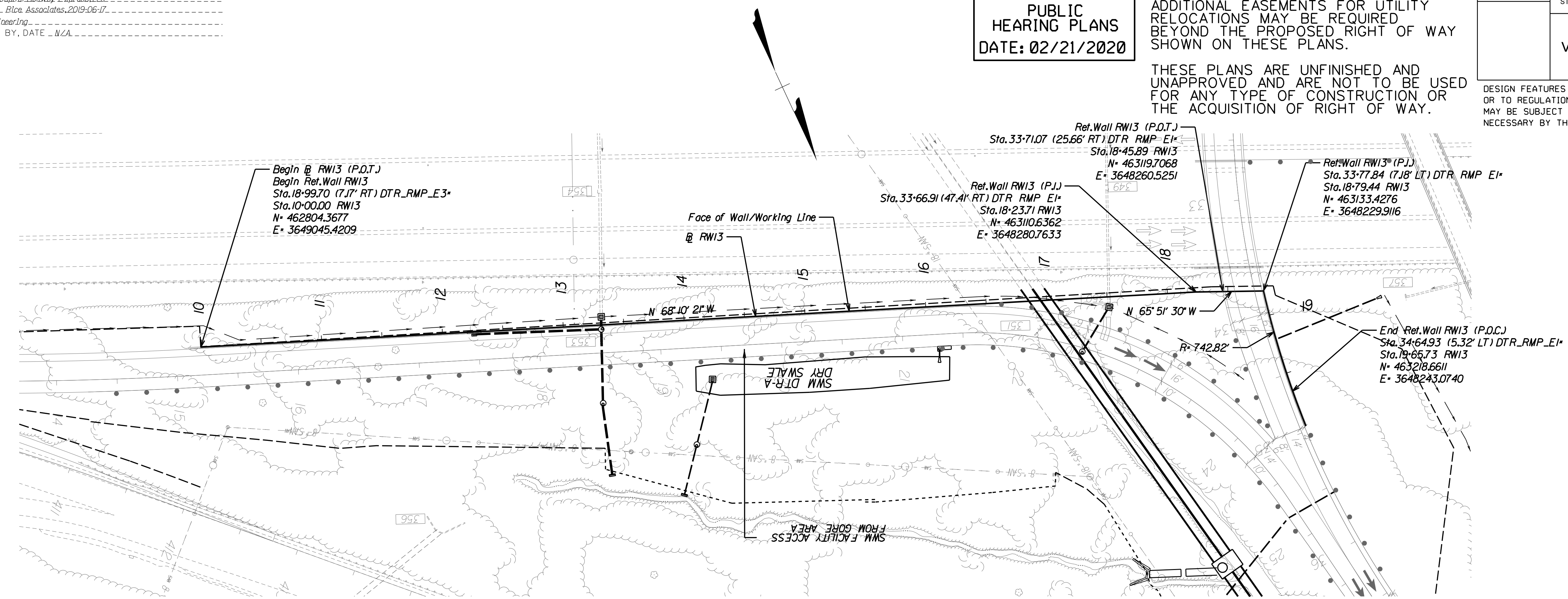
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

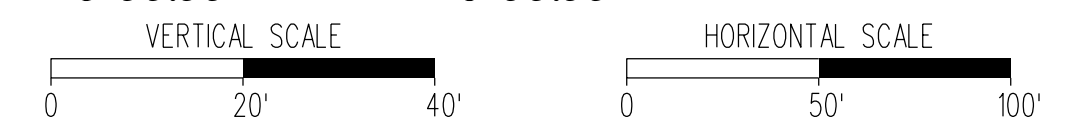
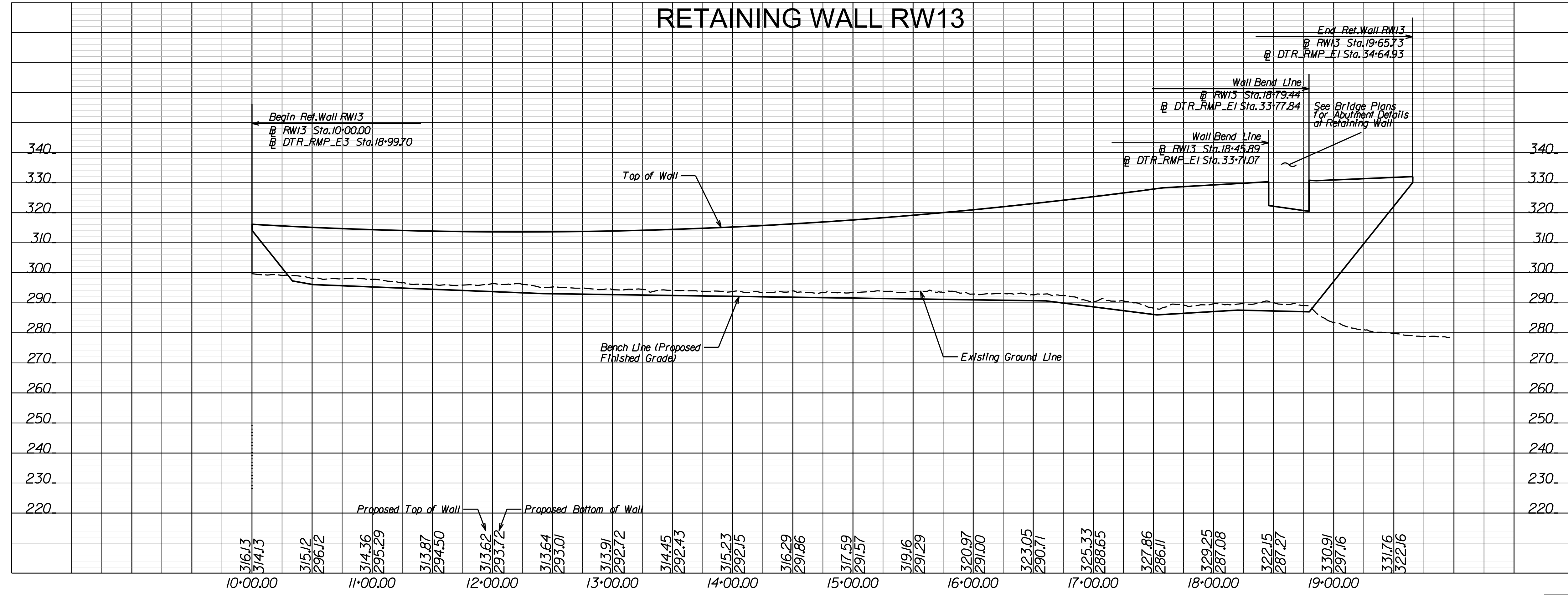
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	71

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



RETAINING WALL RW13



PROJECT	SHEET NO.
0495-029-419	71

PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

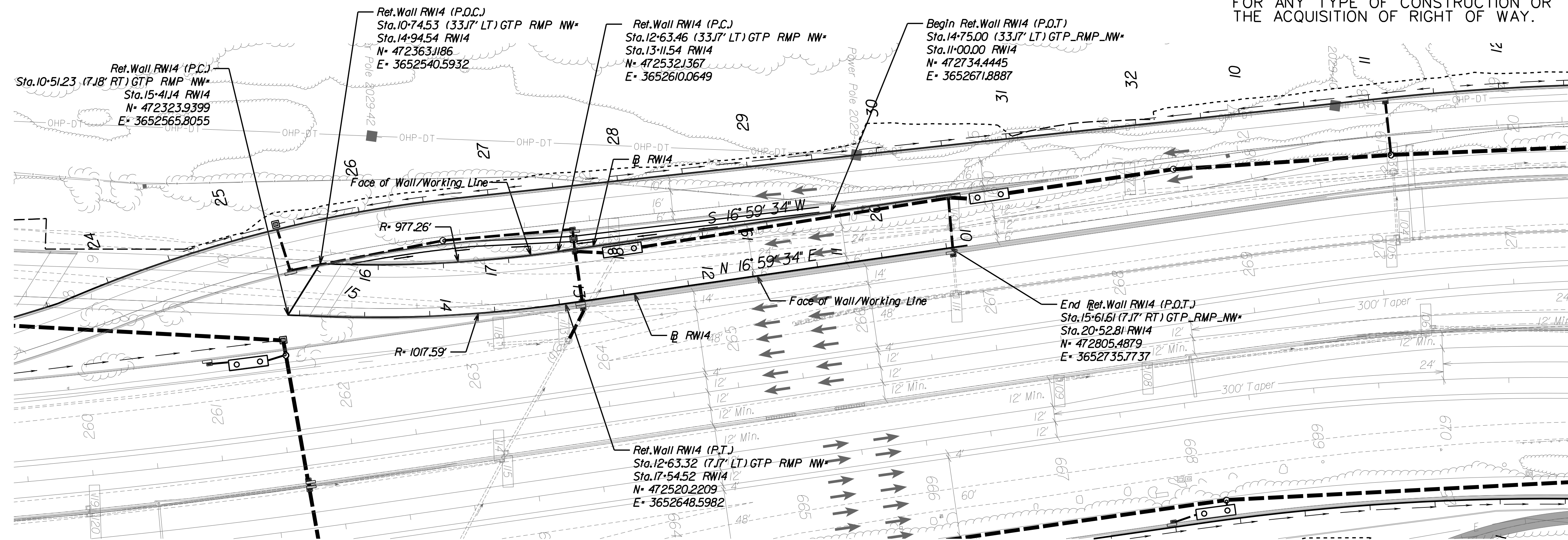
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

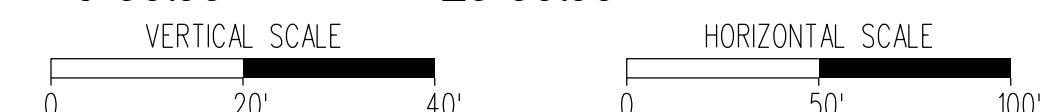
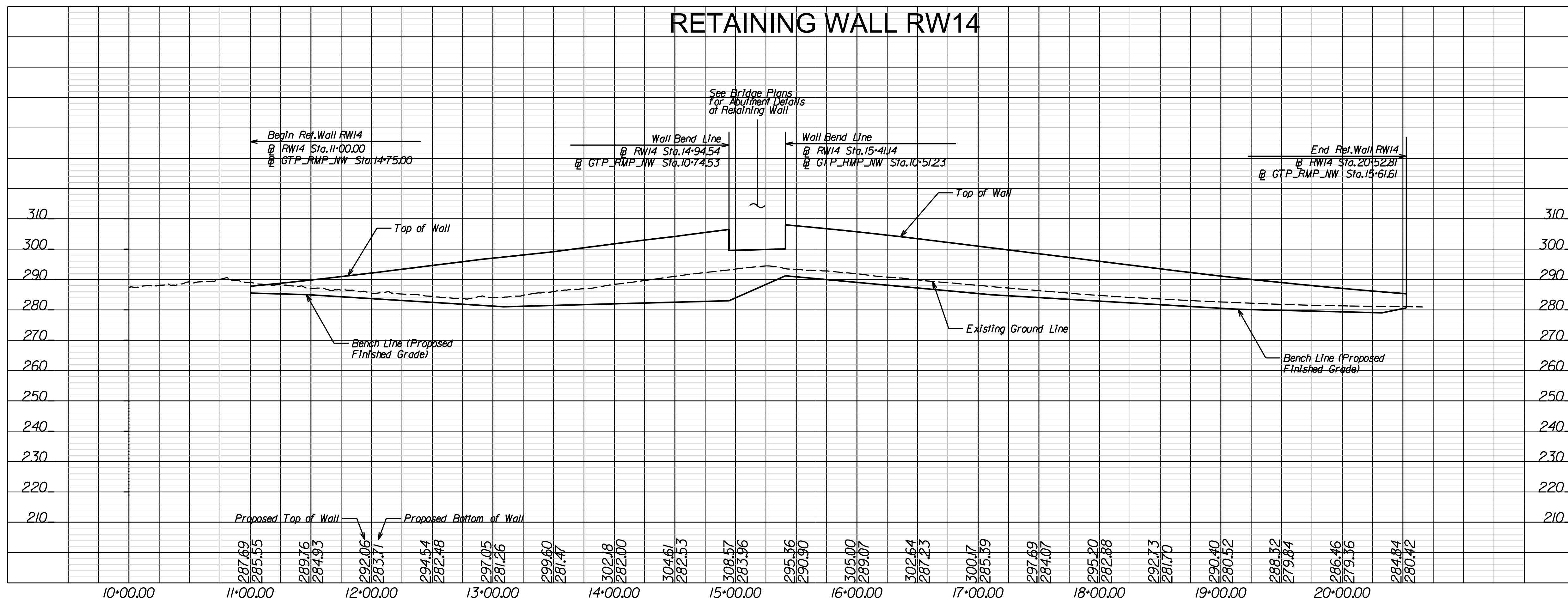
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	72

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



RETAINING WALL RW14



PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Bice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

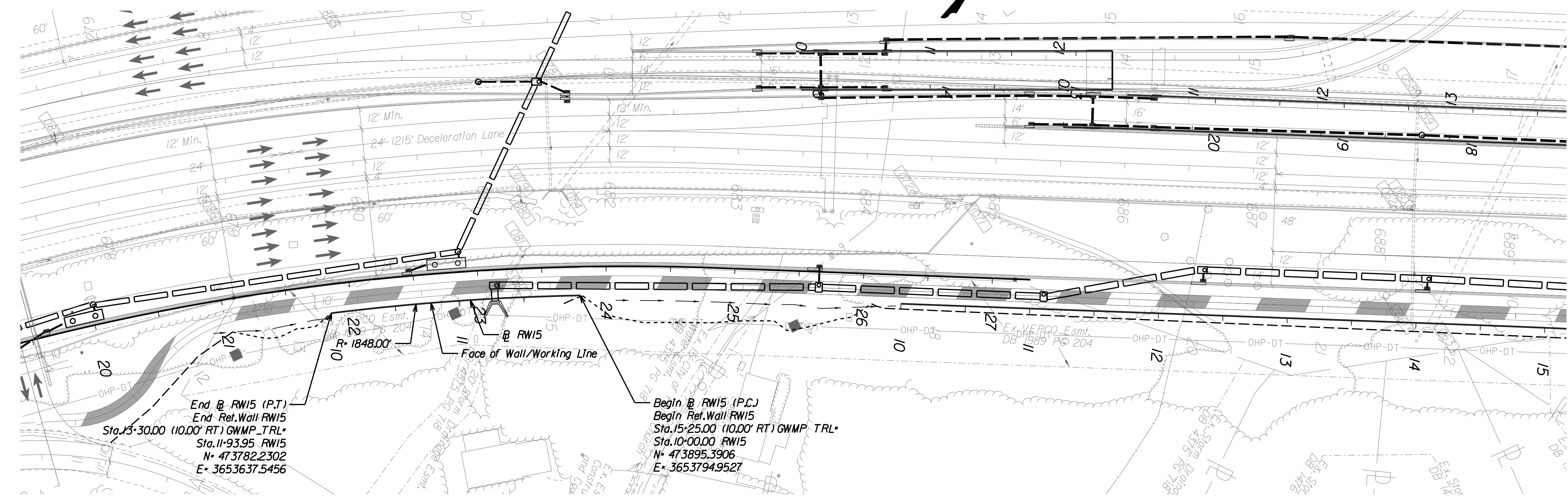
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

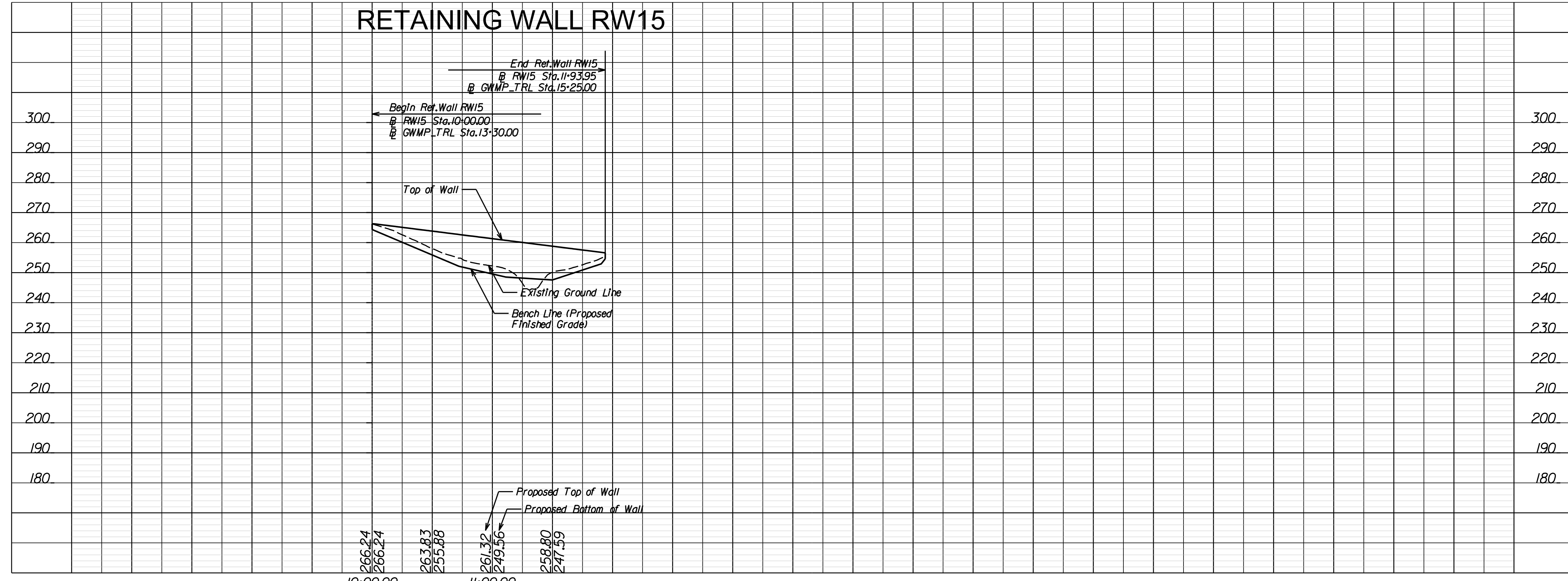
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	73

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



RETAINING WALL RW15



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY DATE N/A

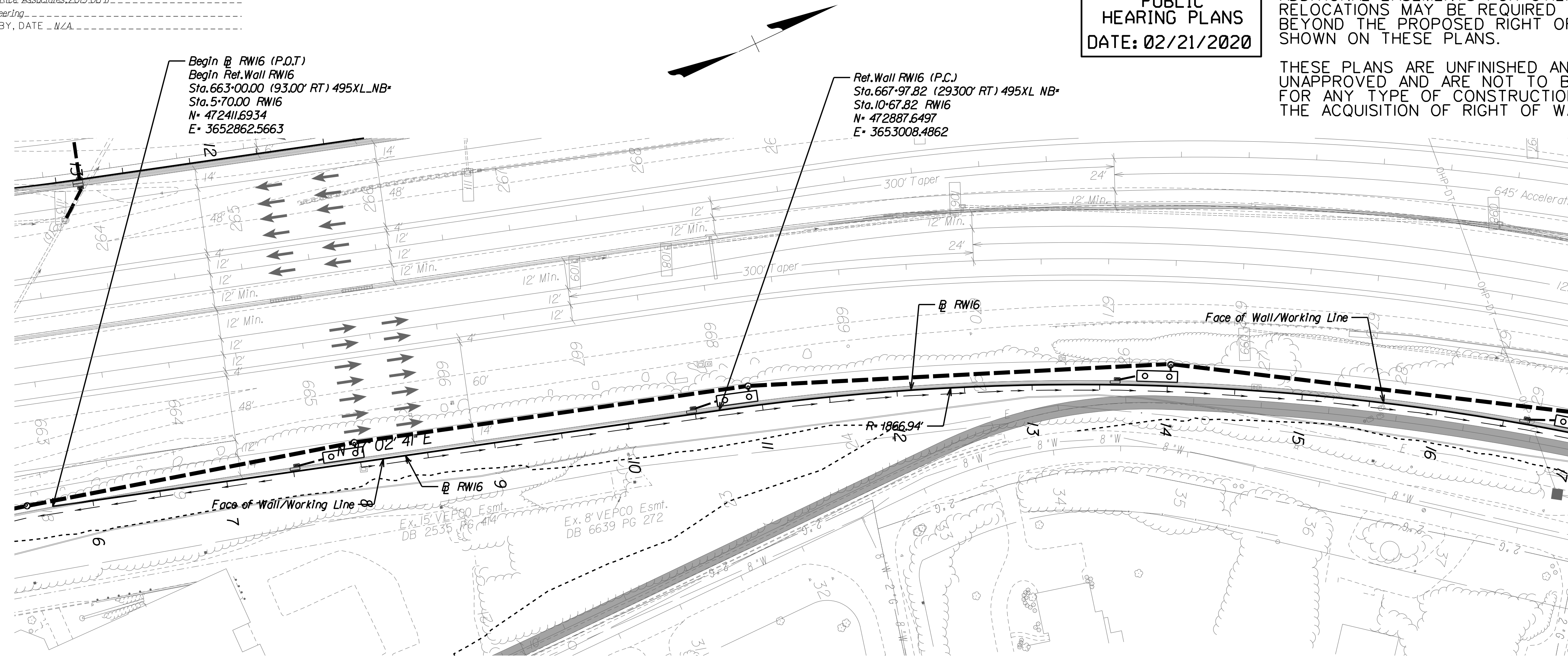
PUBLIC HEARING PLANS
DATE: 02/21/2020

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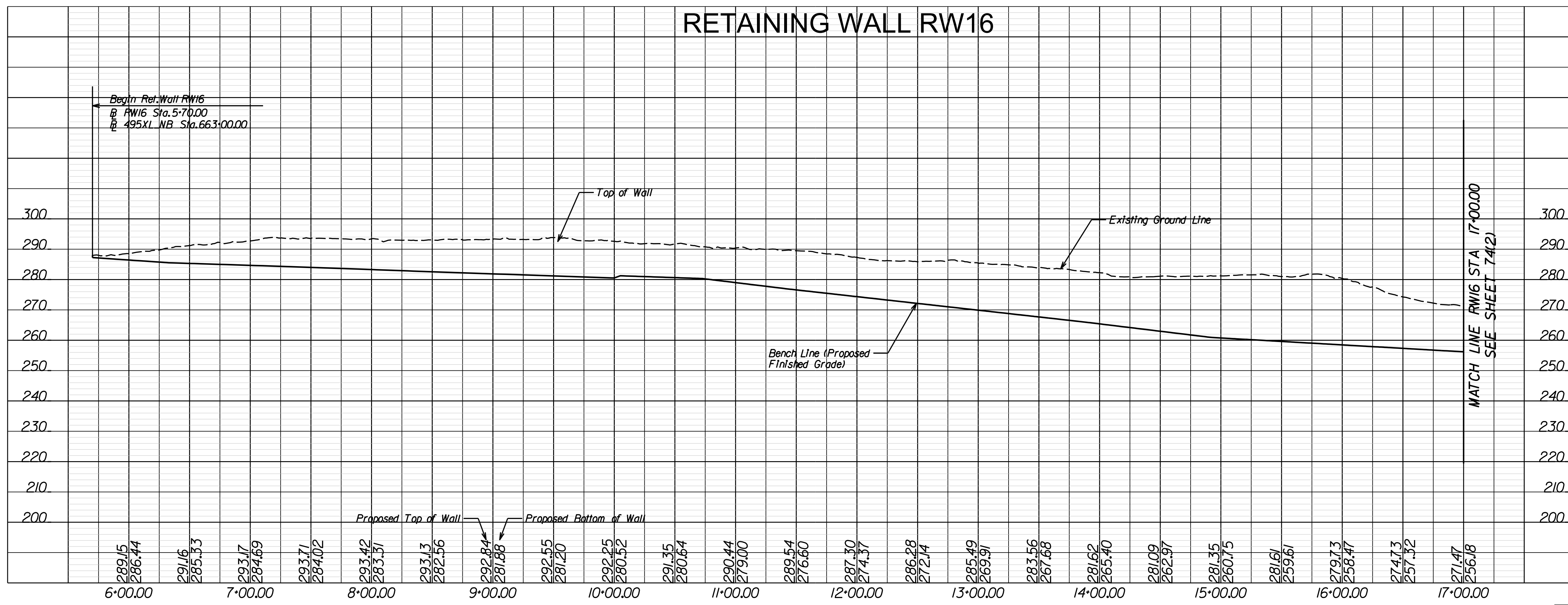
REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	74(1)

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

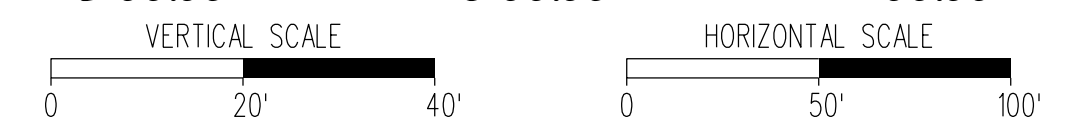


MATCH LINE RW16 STA 17+00.00
SEE SHEET 74(2)

RETAINING WALL RW16



MATCH LINE RW16 STA 17+00.00
SEE SHEET 74(2)



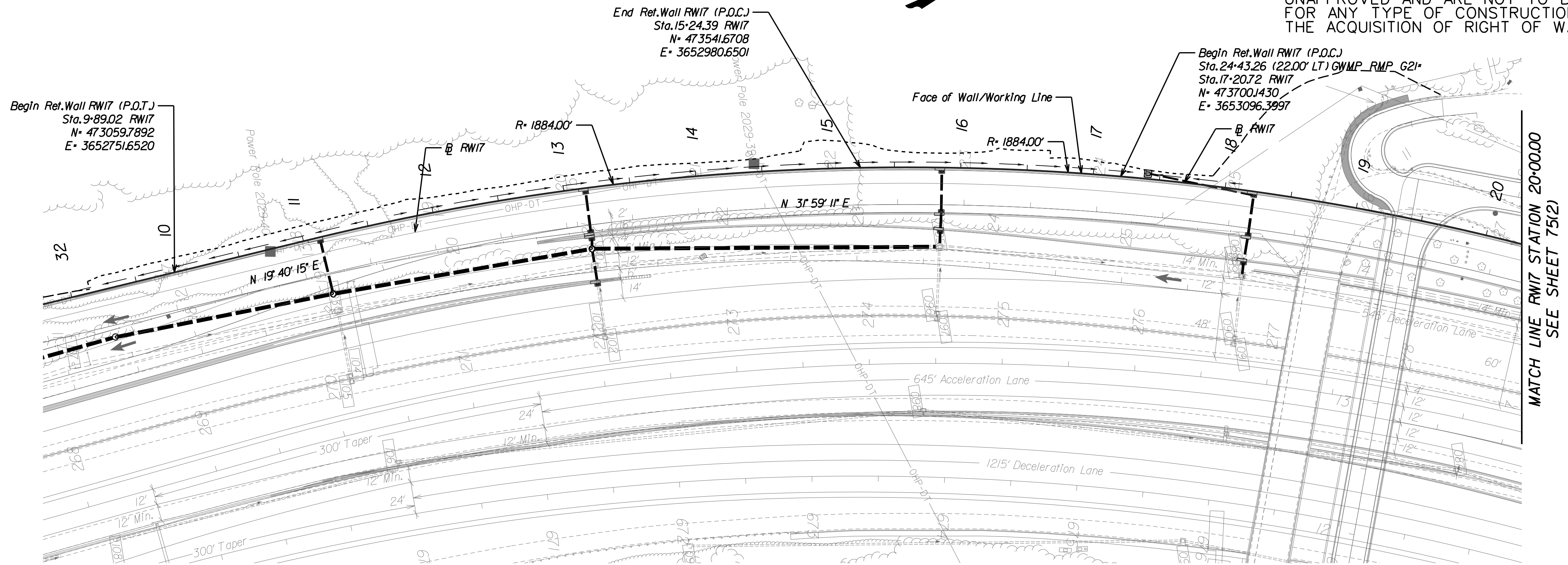
PROJECT MANAGER Capital Beltway Express, LLC
 SURVEYED BY, DATE Rice Associates, 2019-06-17
 DESIGN BY HDR Engineering
 SUBSURFACE UTILITY BY, DATE N/A

PUBLIC HEARING PLANS
 DATE: 02/21/2020

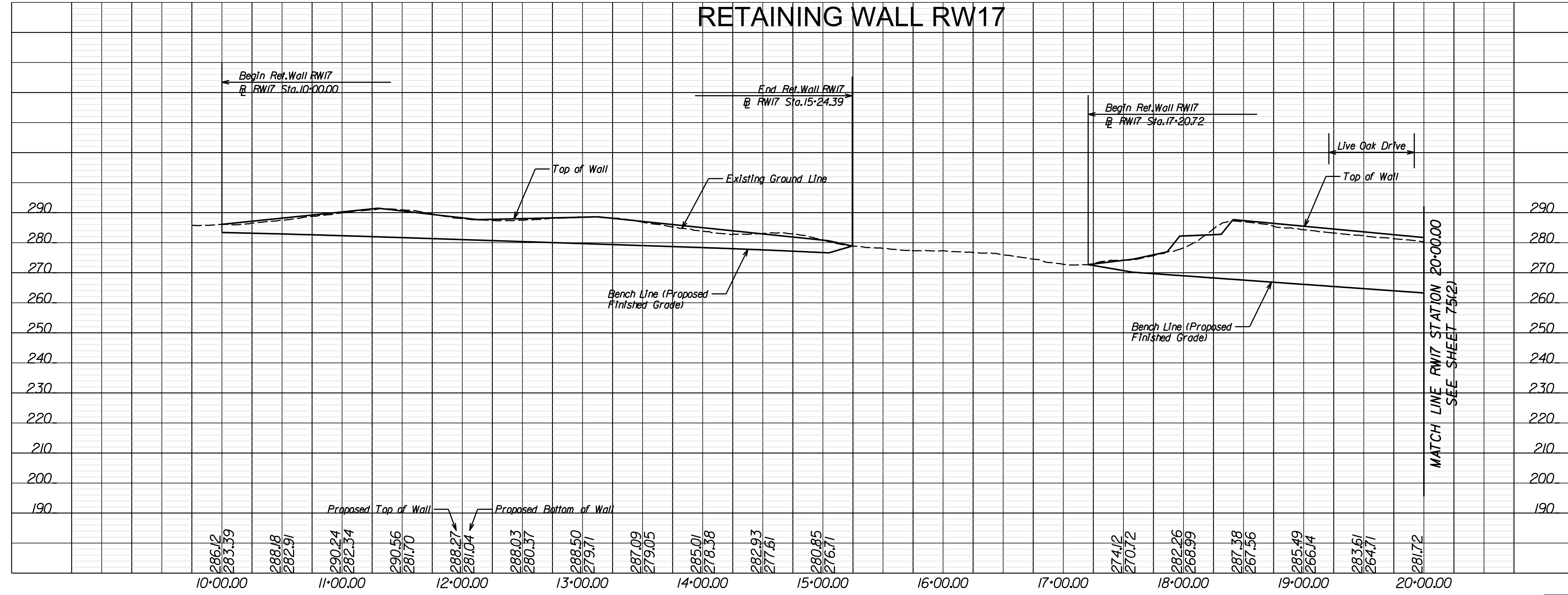
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	75(1)

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



RETAINING WALL RW17



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Btce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

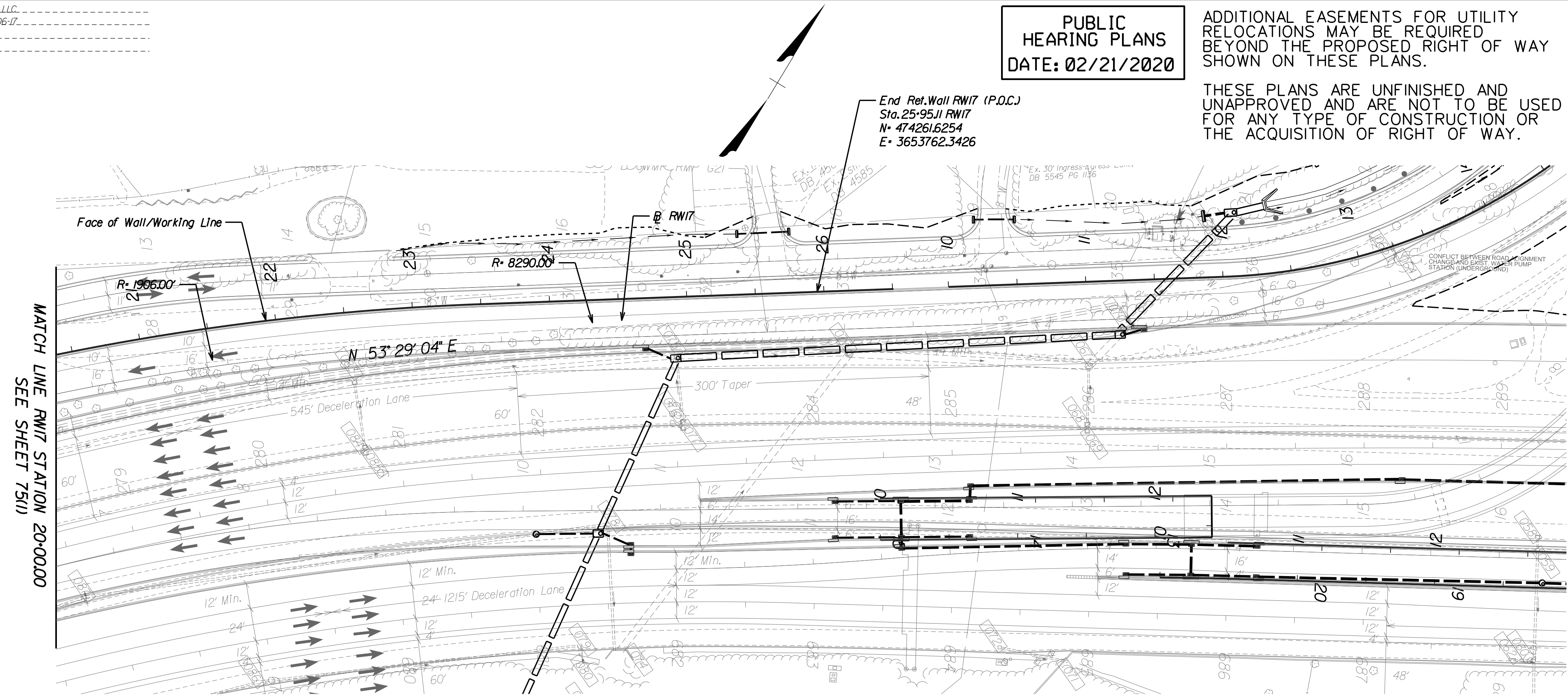
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

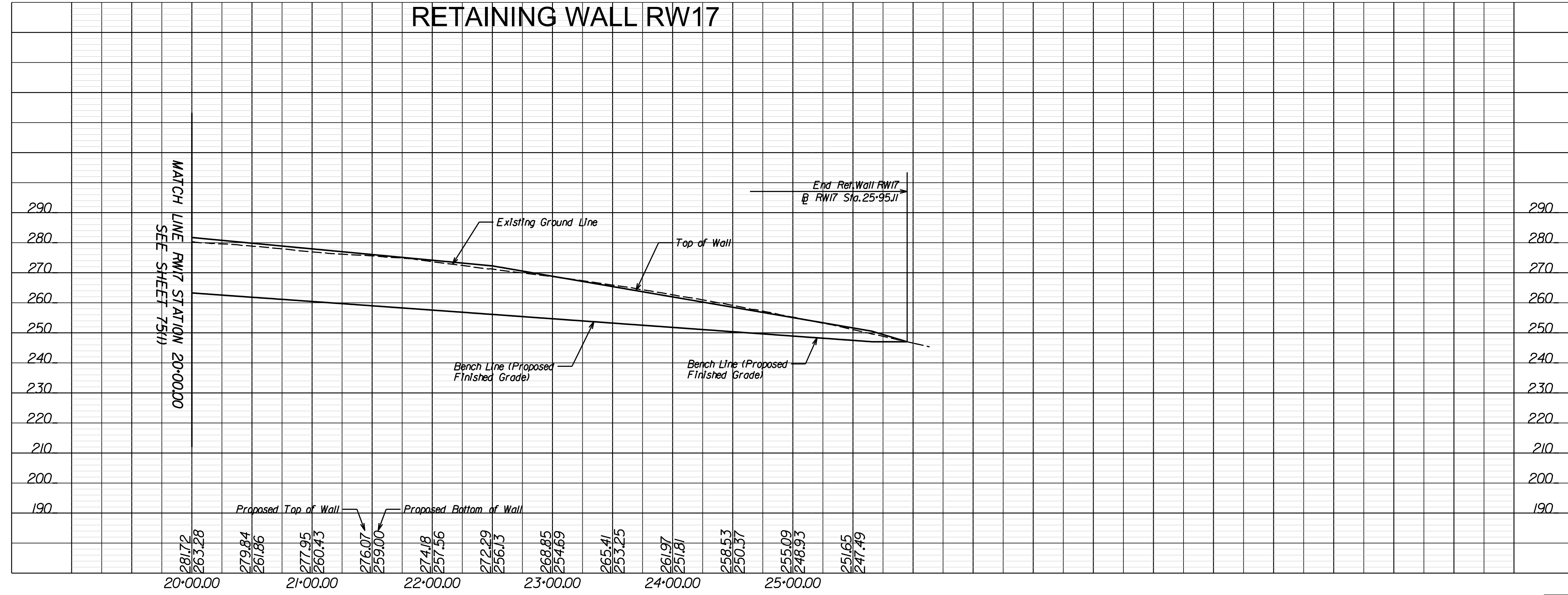
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	75(2)

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



RETAINING WALL RW17



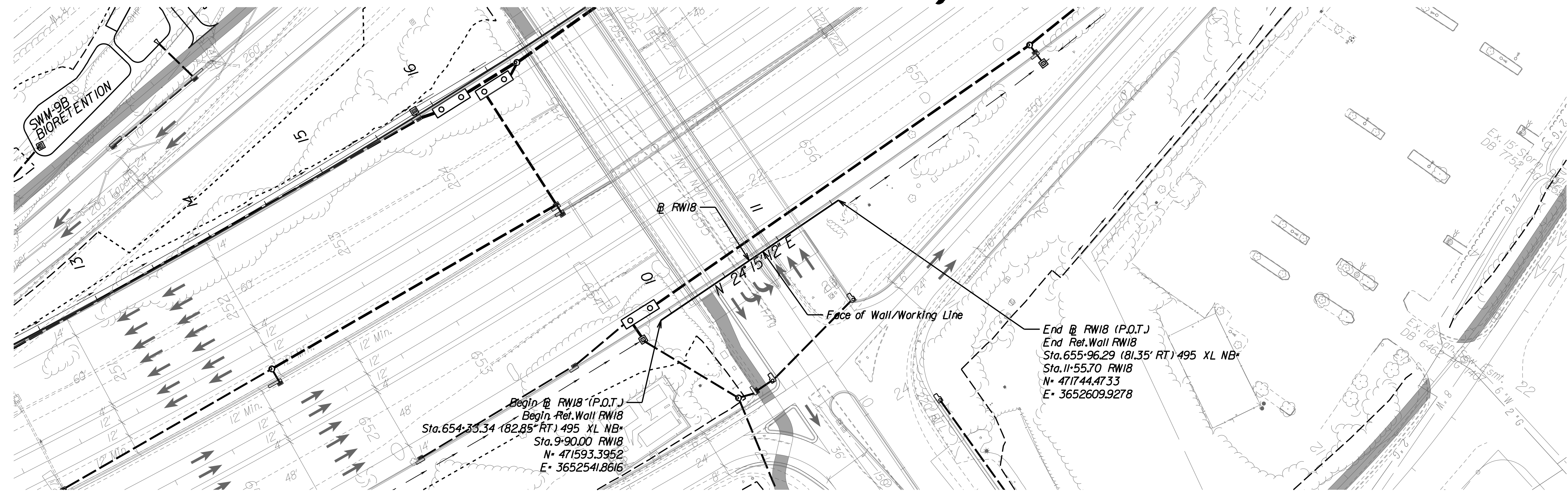
PROJECT MANAGER *Capital Beltway Express, LLC*
 SURVEYED BY, DATE *Bice Associates, 2019-06-17*
 DESIGN BY *HDR Engineering*
 SUBSURFACE UTILITY BY, DATE *N/A*

PUBLIC HEARING PLANS
 DATE: 02/21/2020

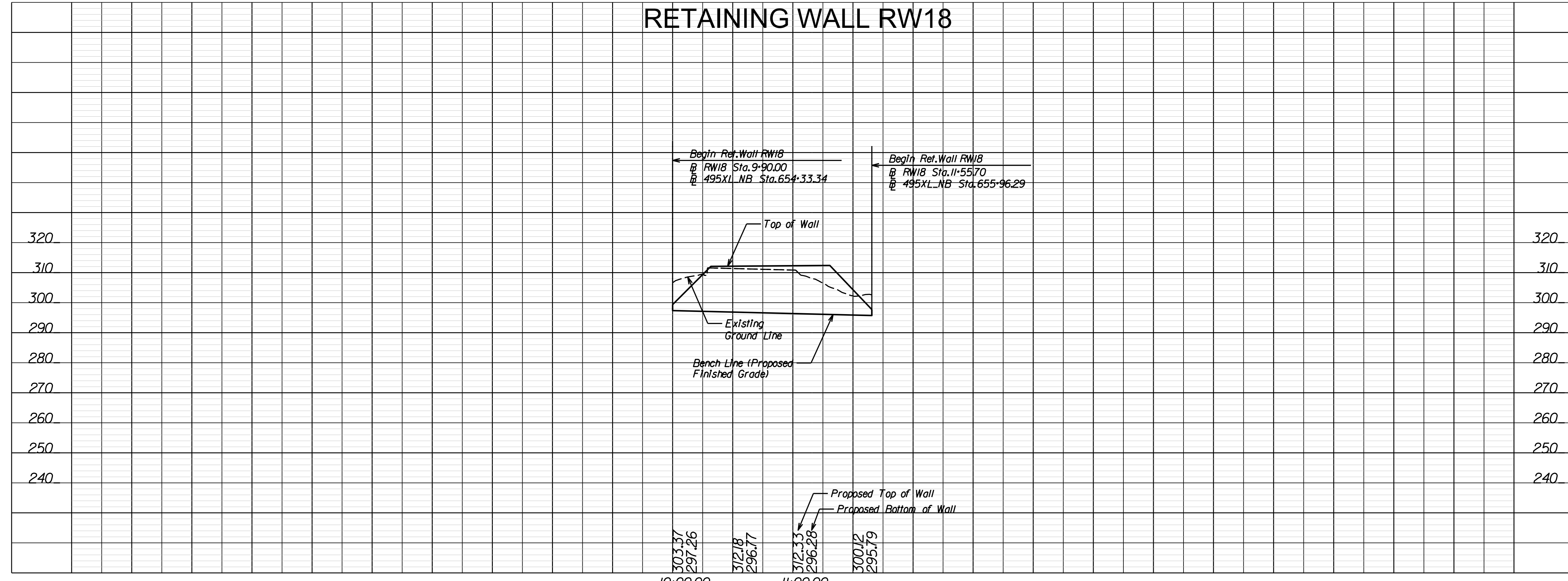
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	76

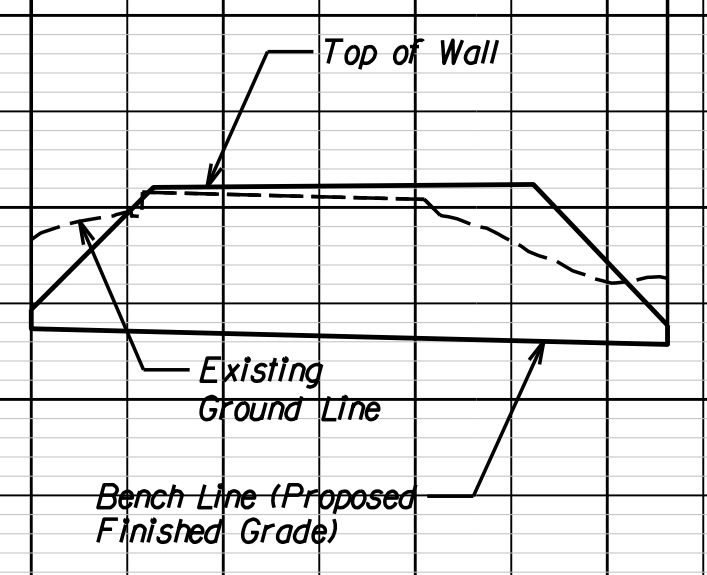
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



RETAINING WALL RW18



Begin Ret. Wall RW18 @ RW18 Sta. 9+90.00 @ 495XL NB Sta. 654+33.34
 Begin Ret. Wall RW18 @ RW18 Sta. 11+55.70 @ 495XL NB Sta. 655+96.29



Proposed Top of Wall
 Proposed Bottom of Wall
 303.37
 297.26
 312.18
 296.77
 312.33
 296.28
 300.12
 295.79



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

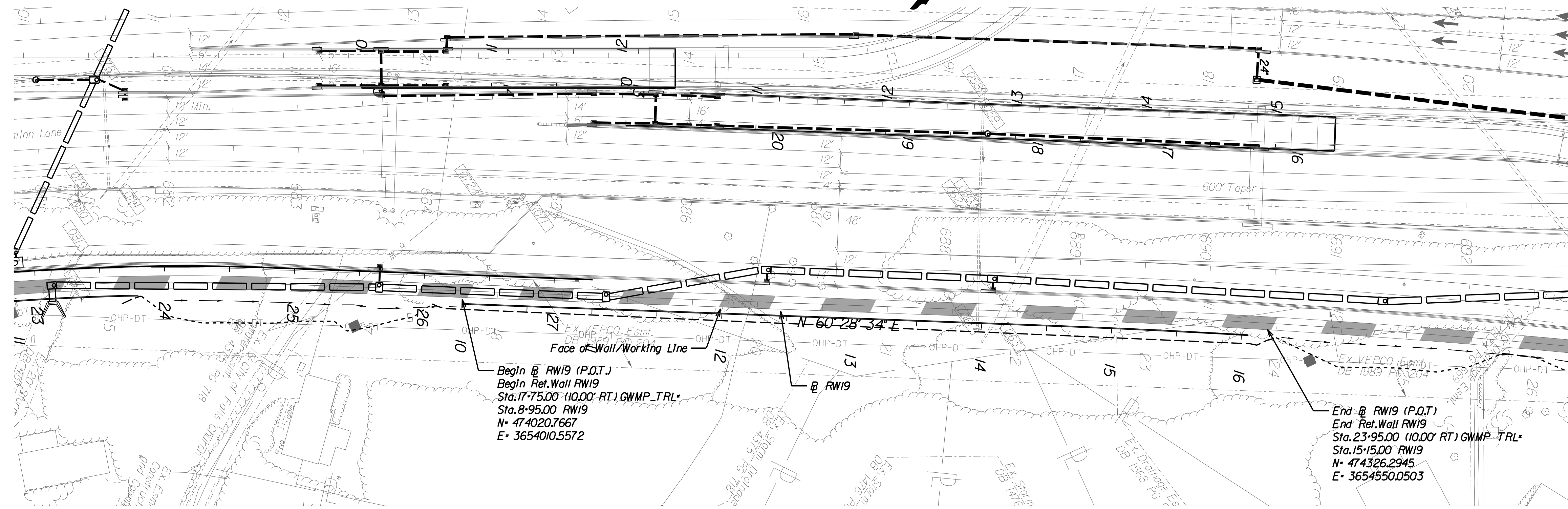
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

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

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	77

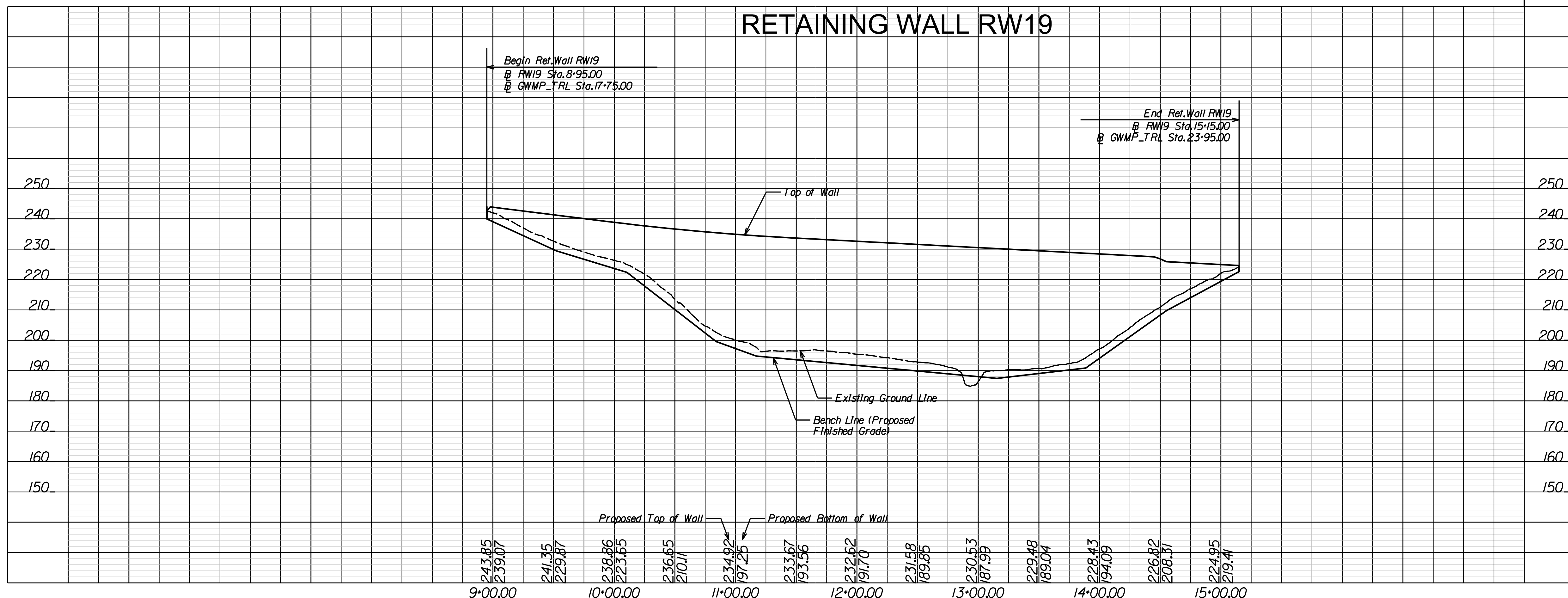
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



Begin @ RW19 (P.O.T.)
Begin Ret. Wall RW19
Sta. 17+75.00 (10.00' RT) GWMP_TRL
Sta. 8+95.00 RW19
N= 474020.7667
E= 3654010.5572

End @ RW19 (P.O.T.)
End Ret. Wall RW19
Sta. 23+95.00 (10.00' RT) GWMP_TRL
Sta. 15+15.00 RW19
N= 474326.2945
E= 3654550.0503

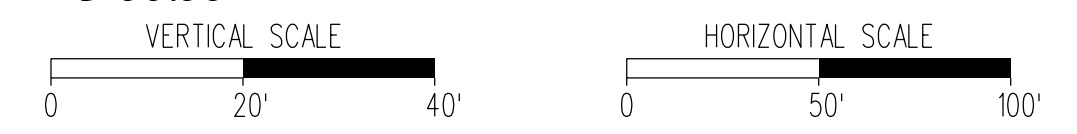
RETAINING WALL RW19



Begin Ret. Wall RW19
@ RW19 Sta. 8+95.00
@ GWMP_TRL Sta. 17+75.00

End Ret. Wall RW19
@ RW19 Sta. 15+15.00
@ GWMP_TRL Sta. 23+95.00

Station	Proposed Top of Wall	Proposed Bottom of Wall
9+00.00	243.85	239.07
10+00.00	241.35	229.87
11+00.00	238.86	223.65
12+00.00	236.65	210.11
13+00.00	234.92	197.25
14+00.00	233.67	193.56
15+00.00	232.62	191.70



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

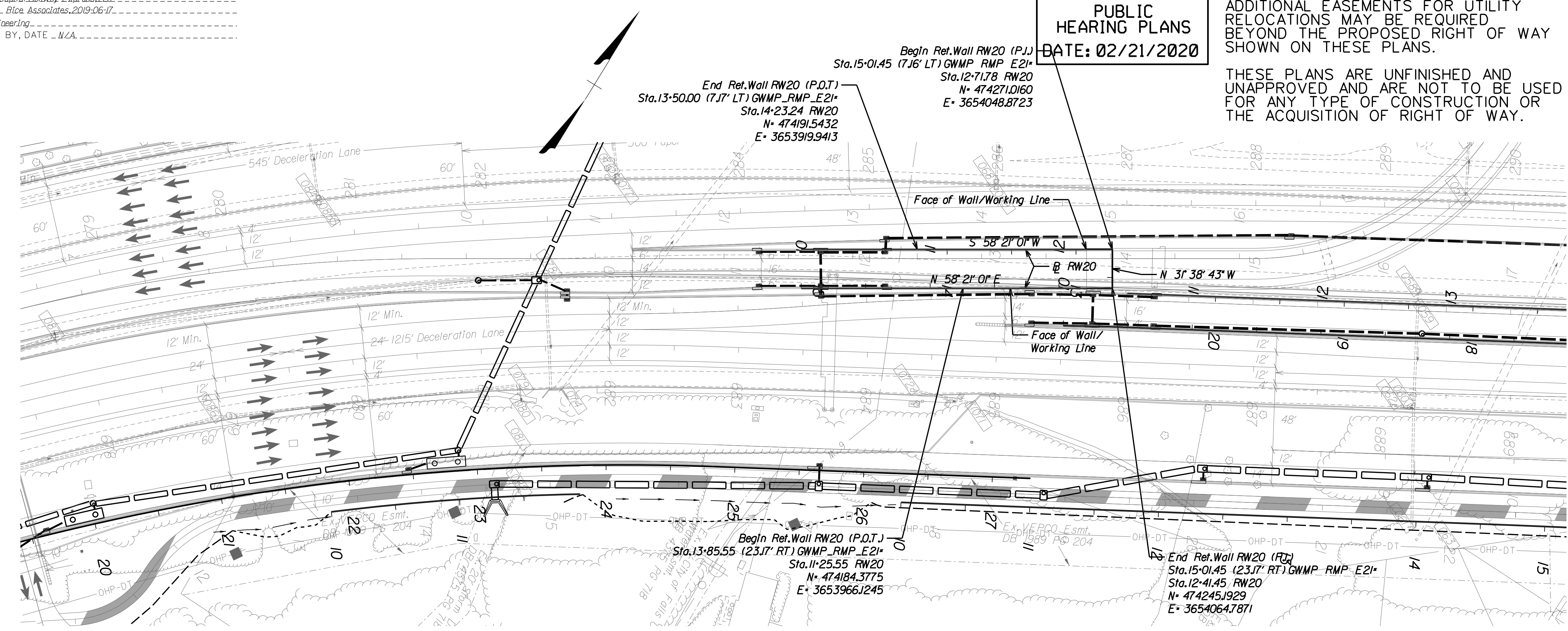
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

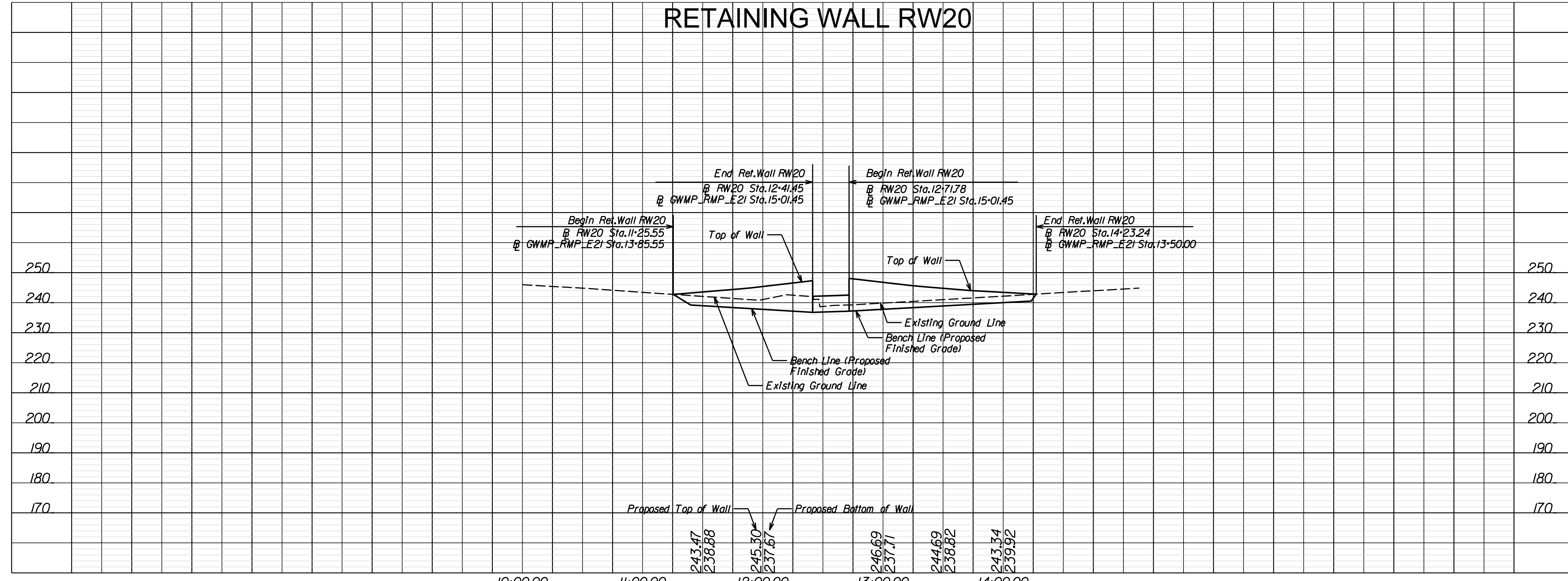
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	495		0495-029-419 R-201,C-501	78

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



RETAINING WALL RW20



PROJECT MANAGER - Capital Beltway Express, LLC
SURVEYED BY, DATE - Rice Associates, 2019-06-17
DESIGN BY - HDR Engineering
SUBSURFACE UTILITY BY, DATE - N/A

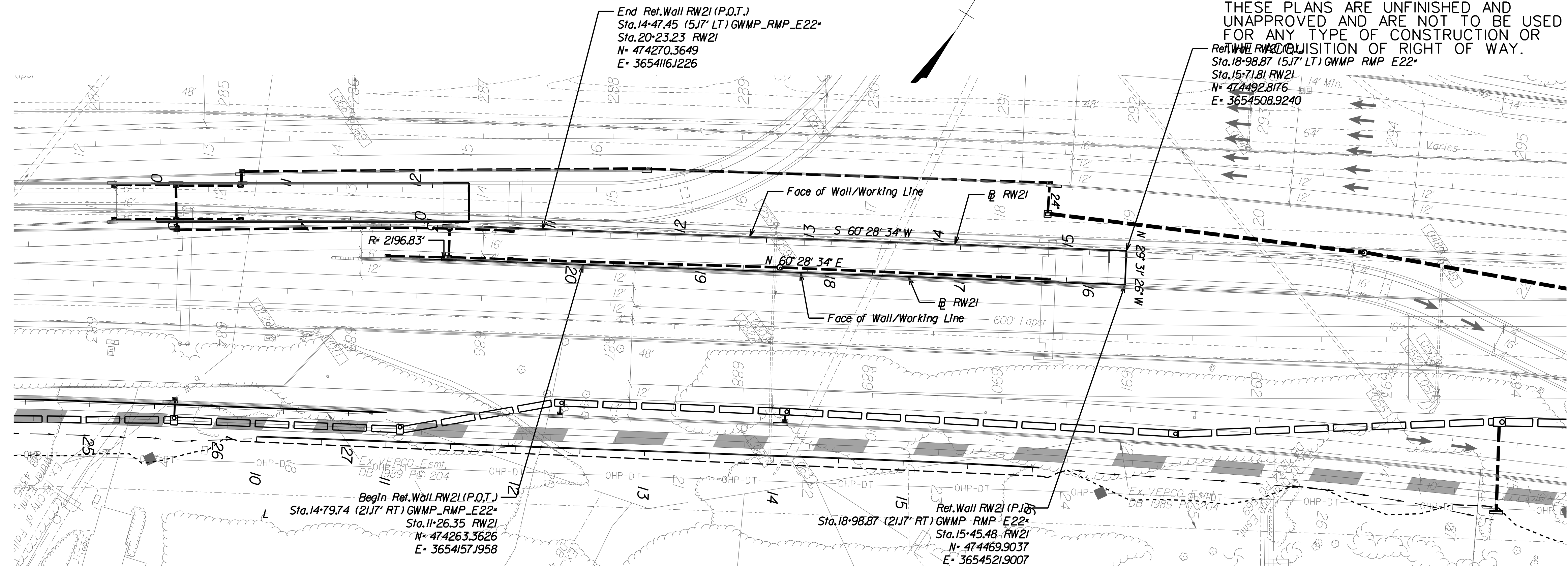
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

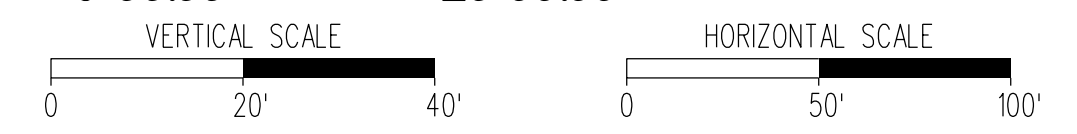
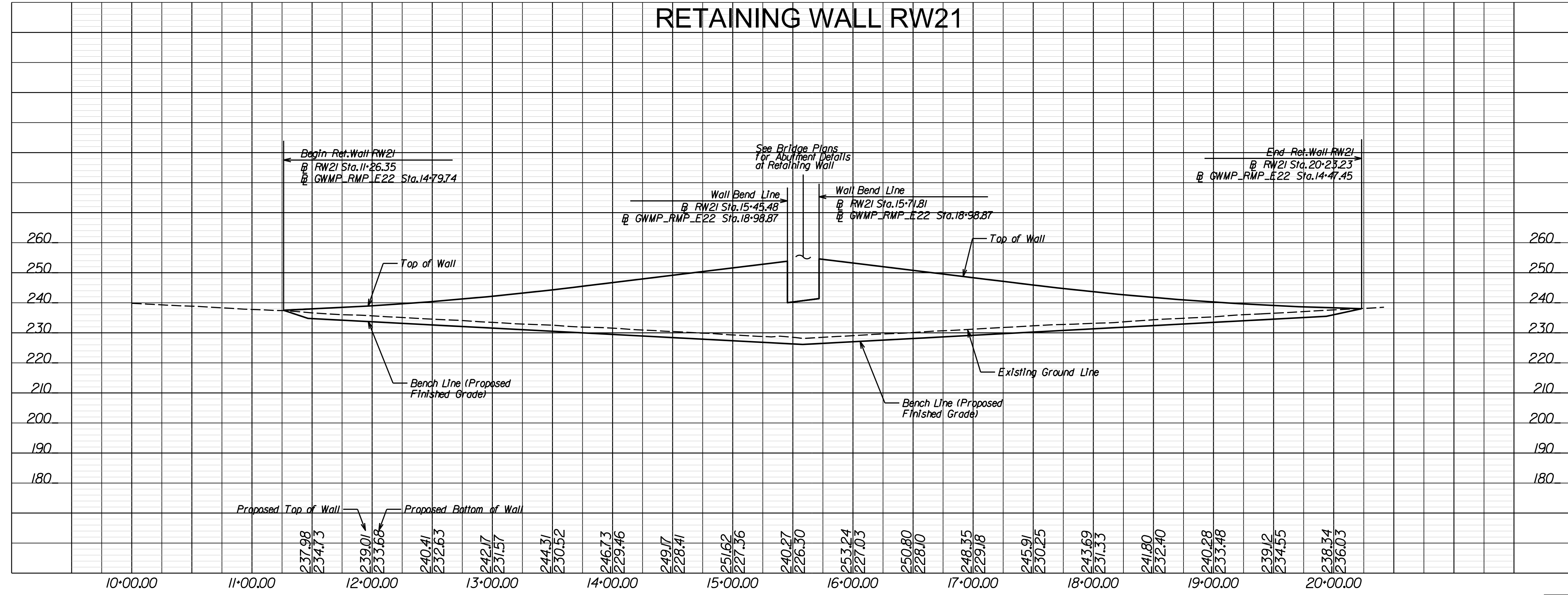
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	79

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



RETAINING WALL RW21



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

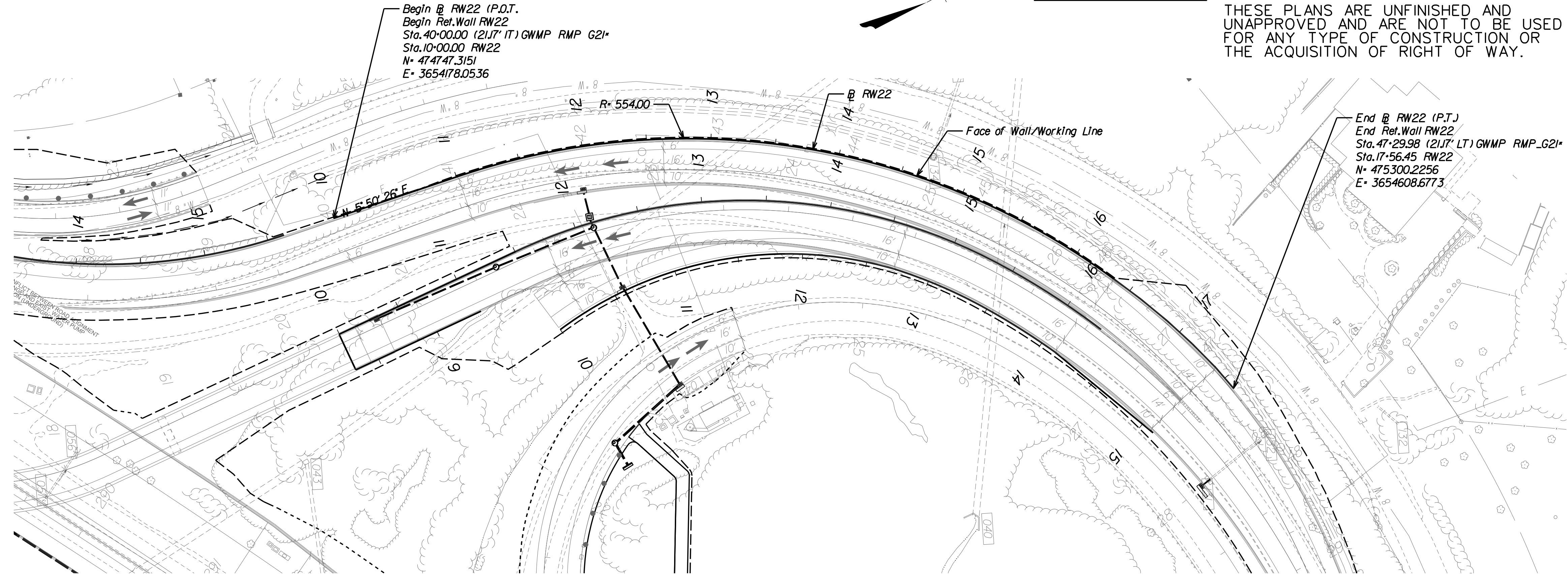
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

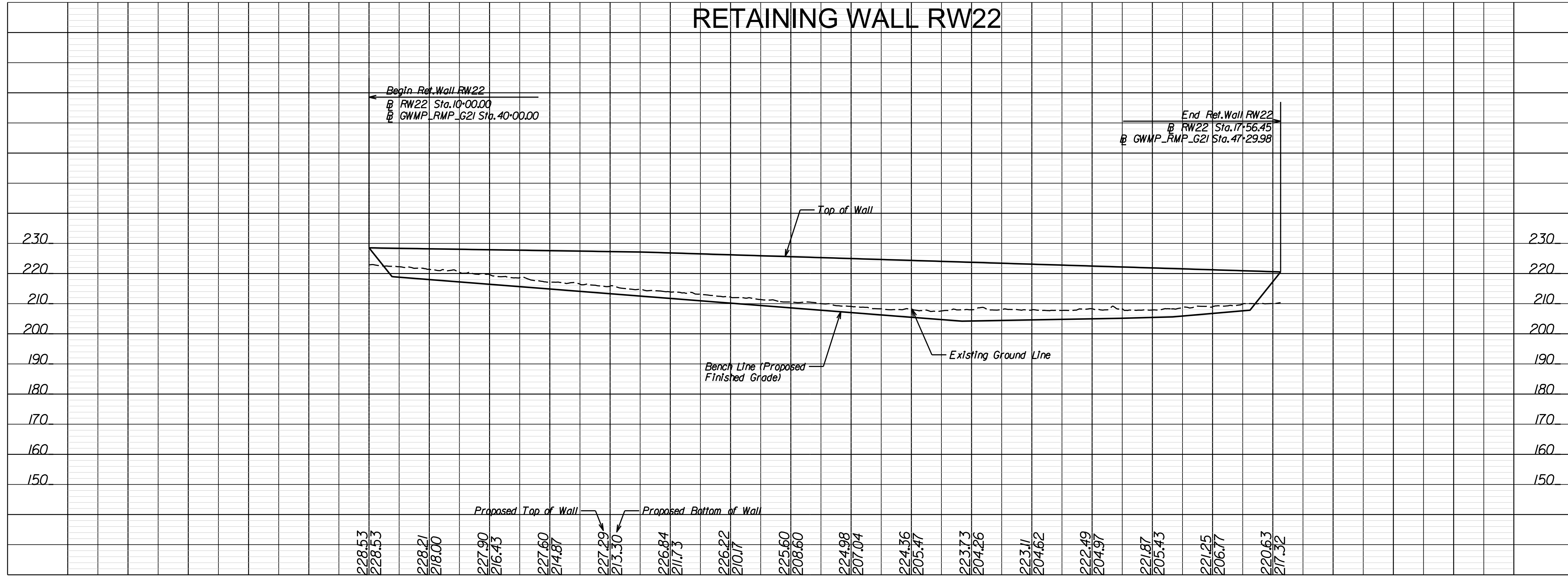
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	80

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



RETAINING WALL RW22



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

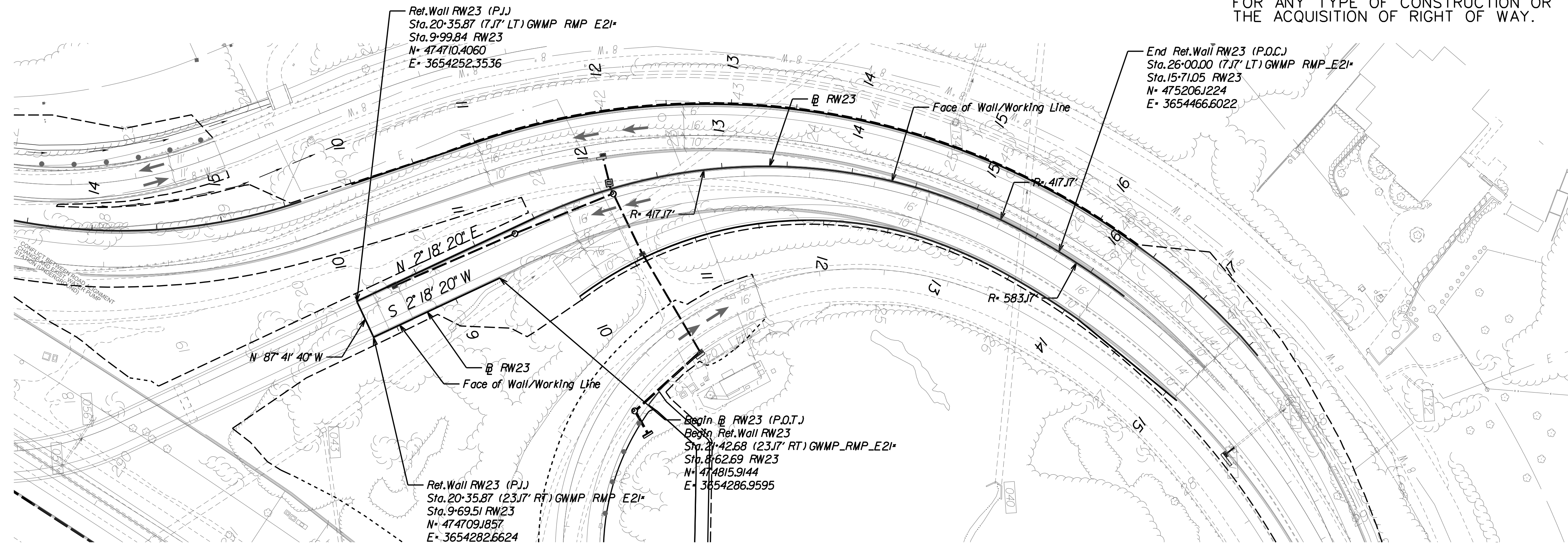
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

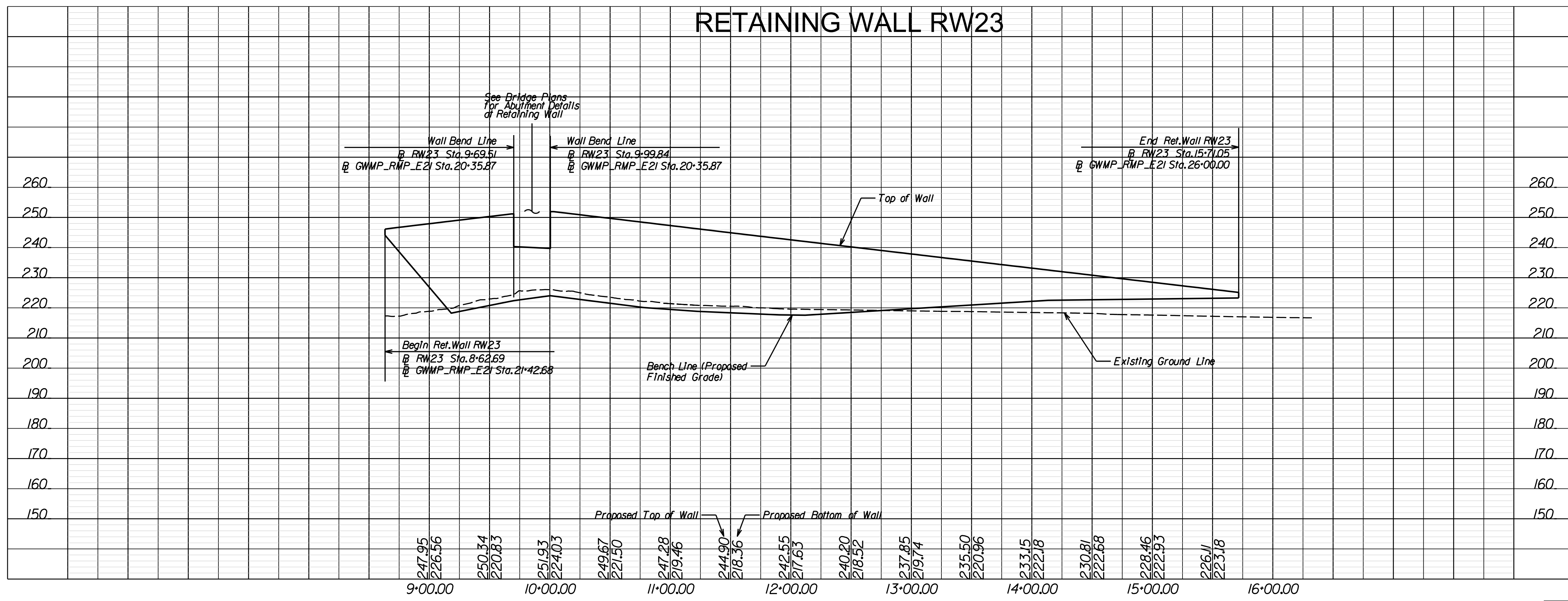
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	81

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



RETAINING WALL RW23



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

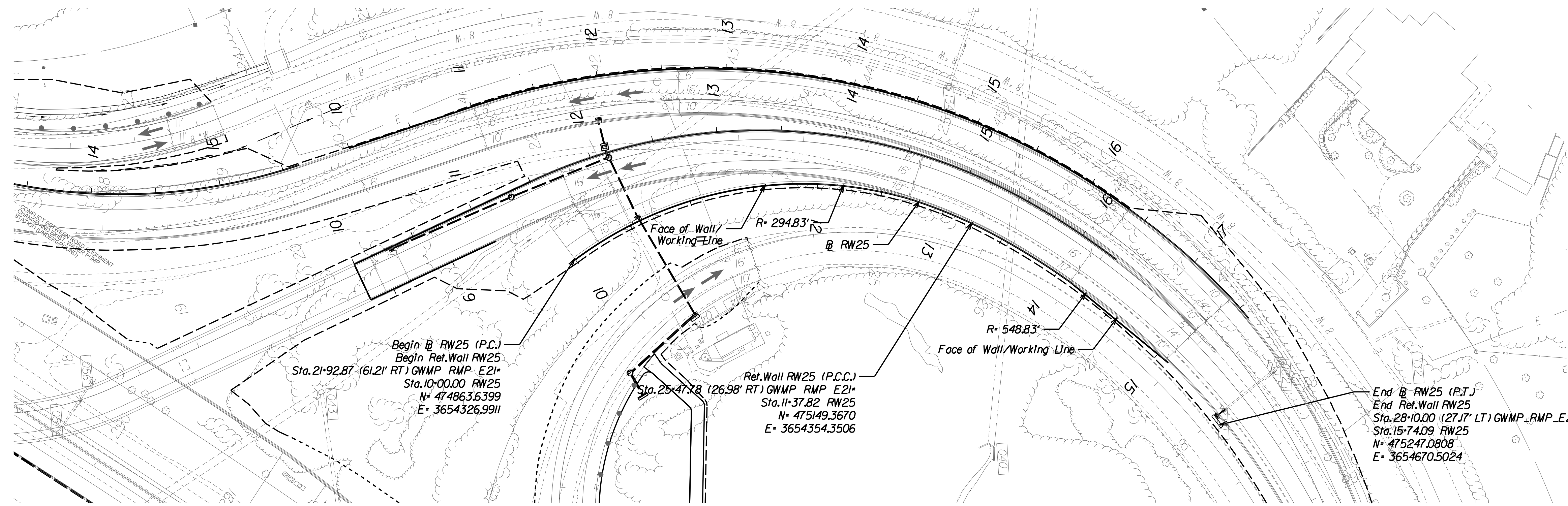
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

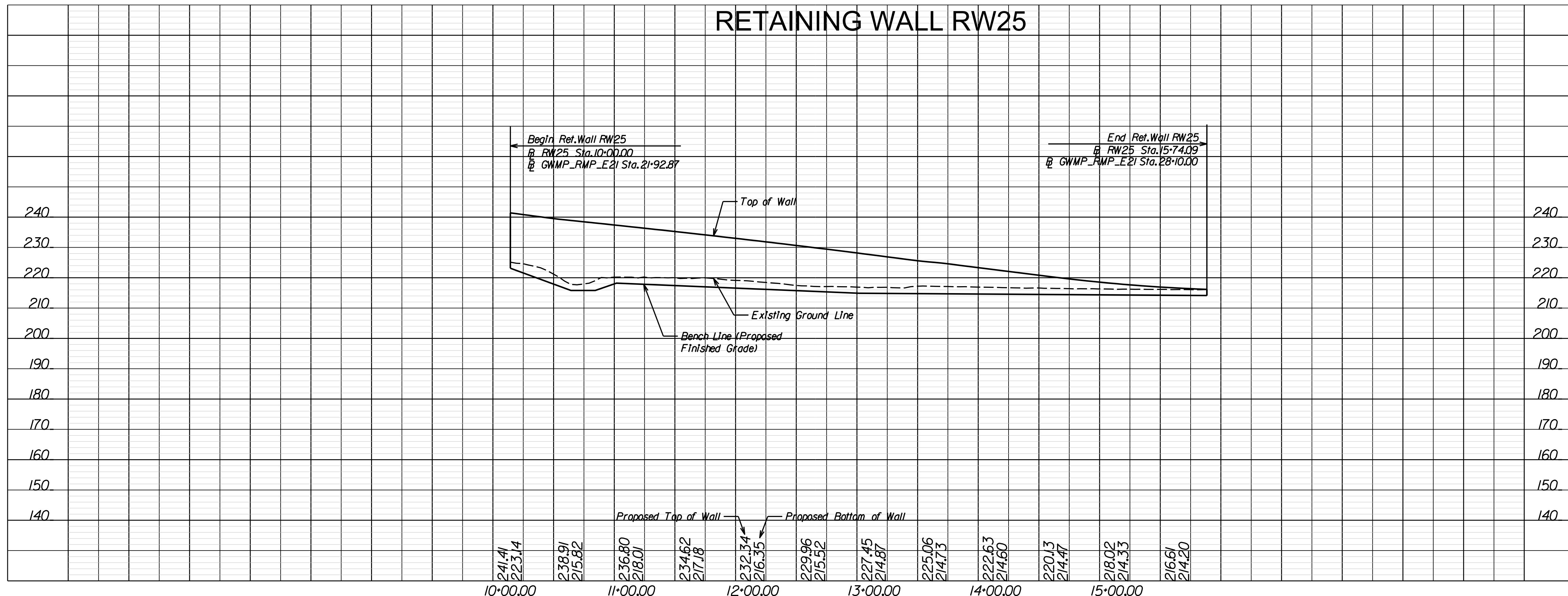
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	83

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



RETAINING WALL RW25



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

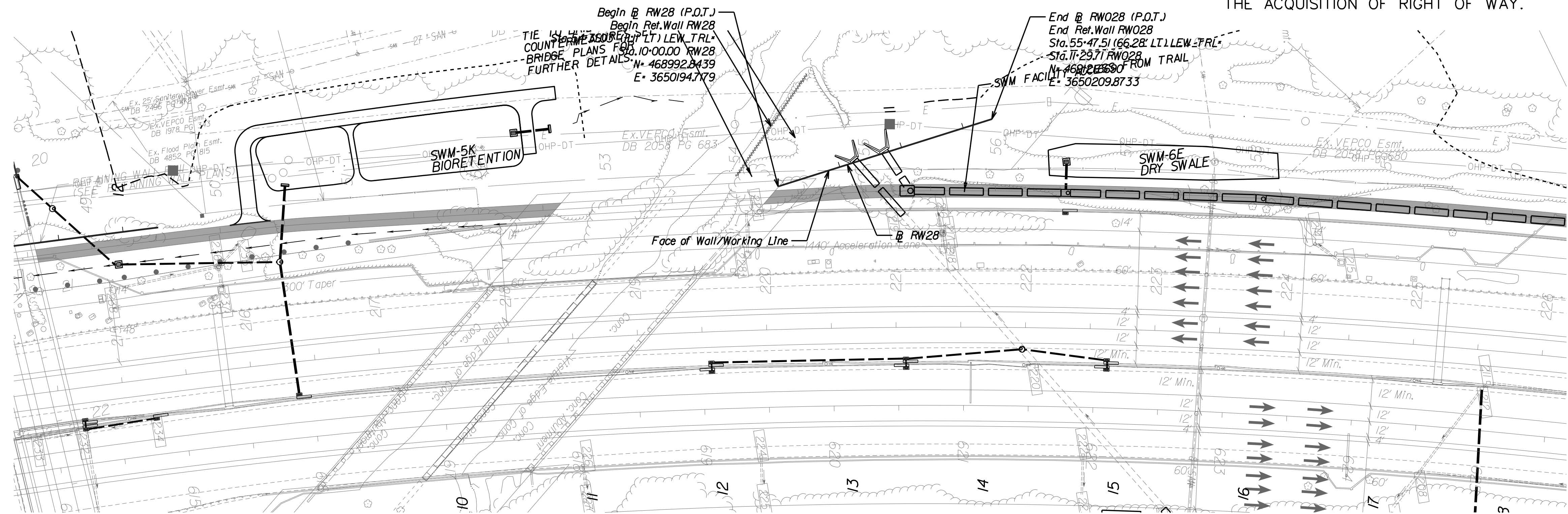
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

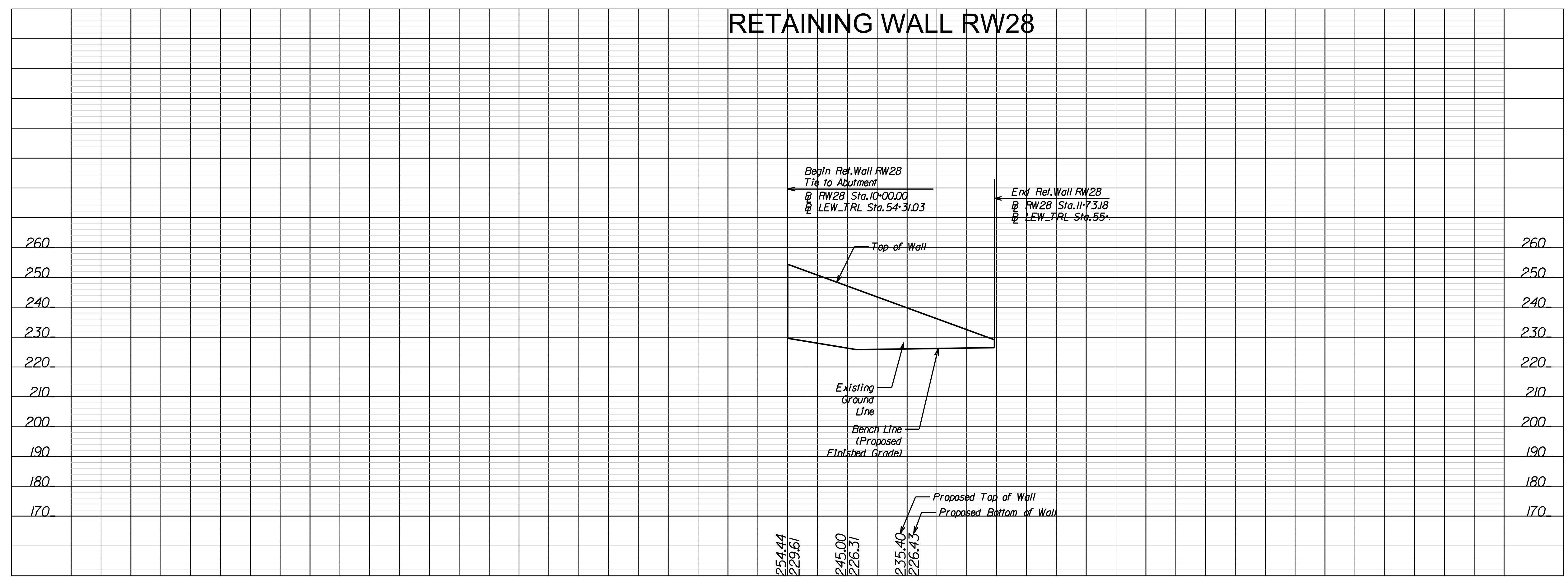
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	86

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



RETAINING WALL RW28



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Bice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

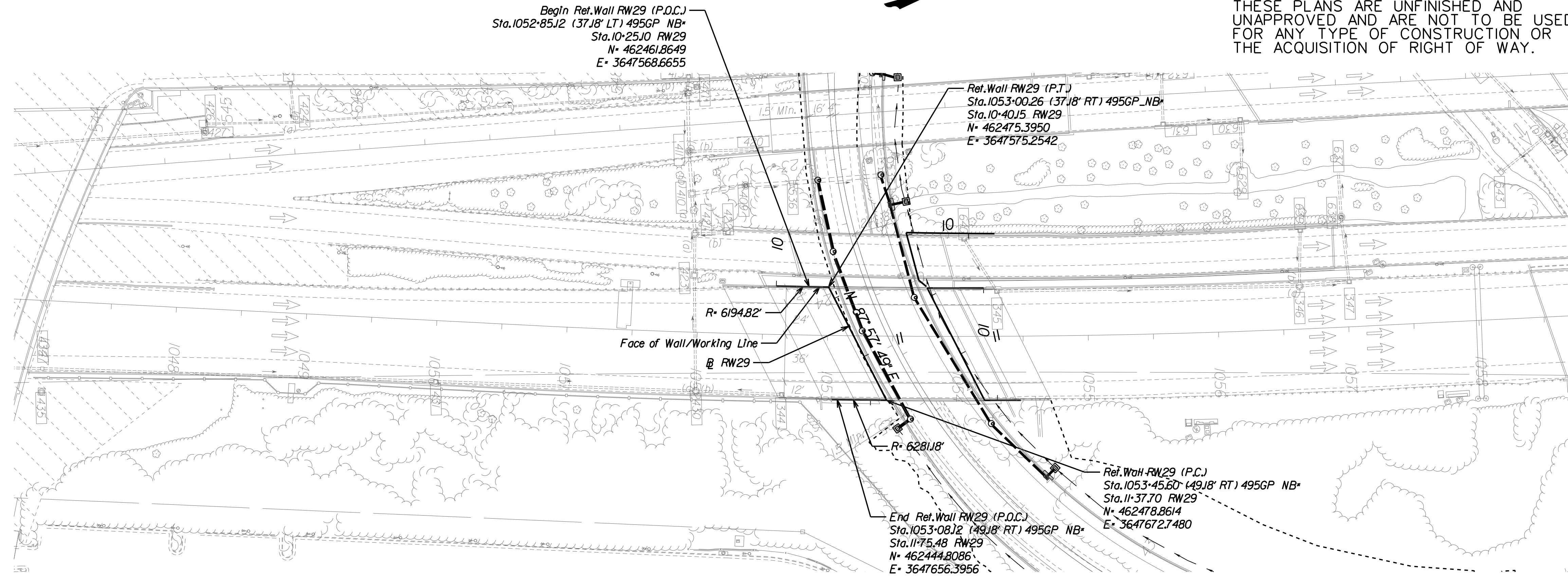
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

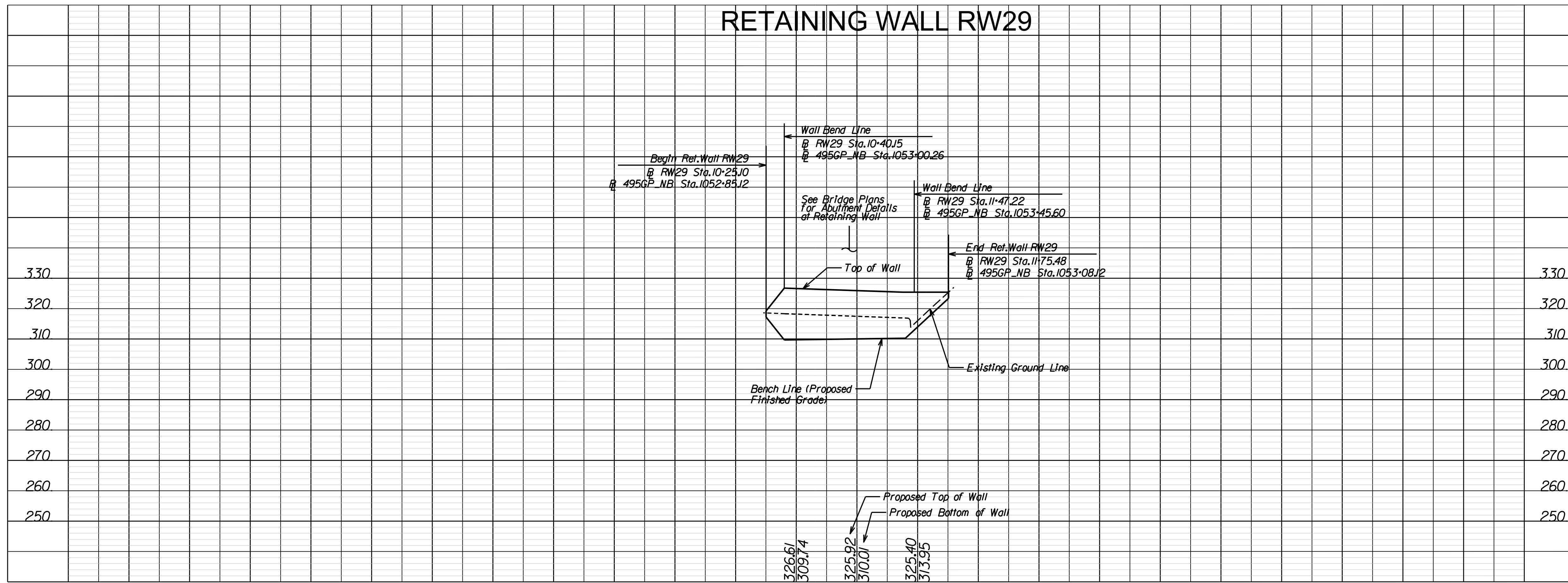
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	87

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



RETAINING WALL RW29



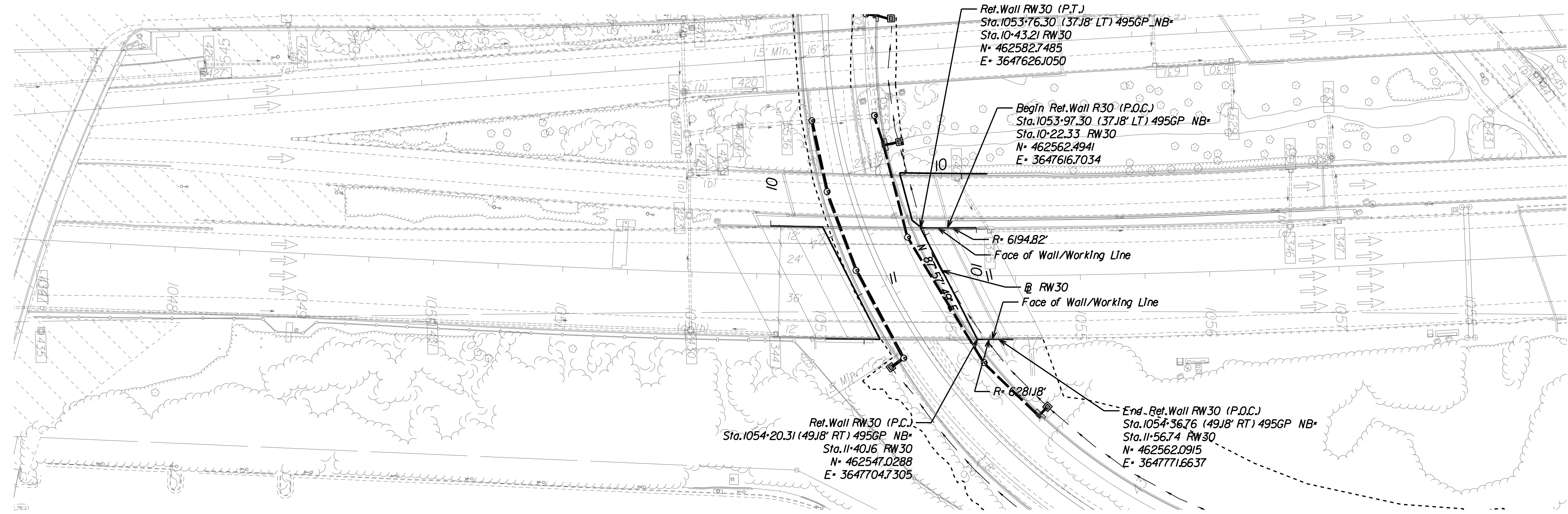
PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

PUBLIC HEARING PLANS
DATE: 02/21/2020

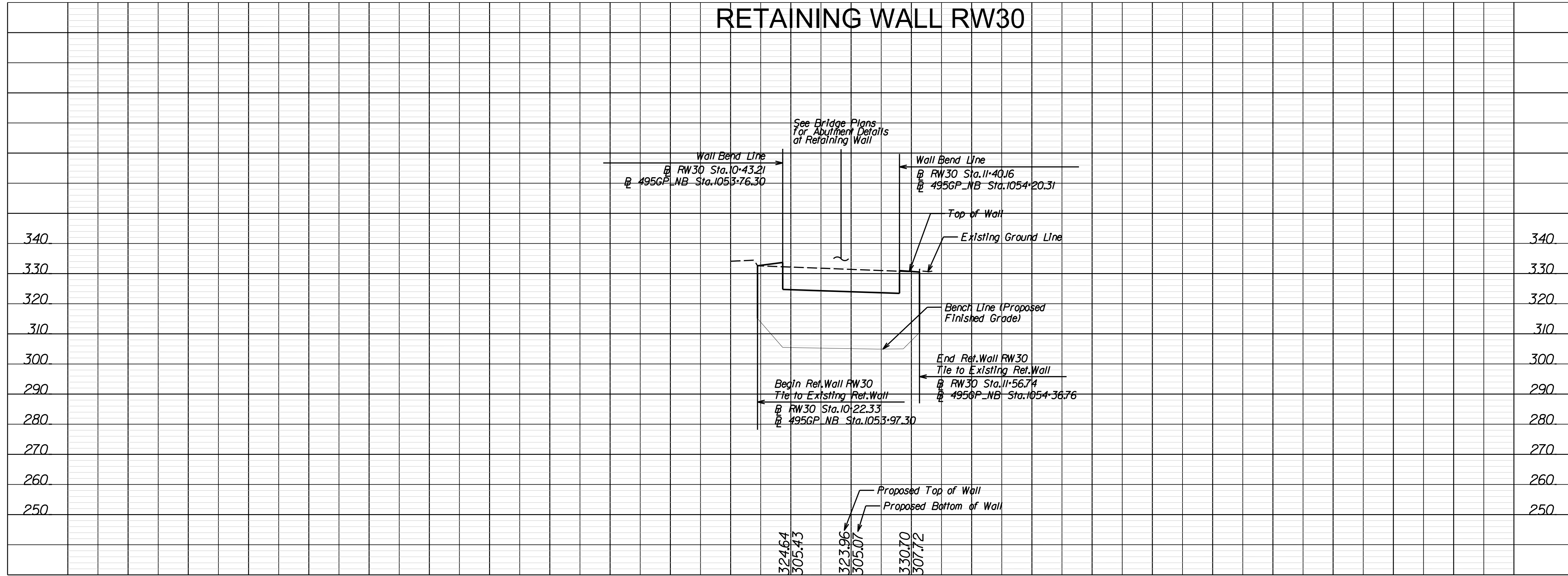
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	88

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



RETAINING WALL RW30



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Rice Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

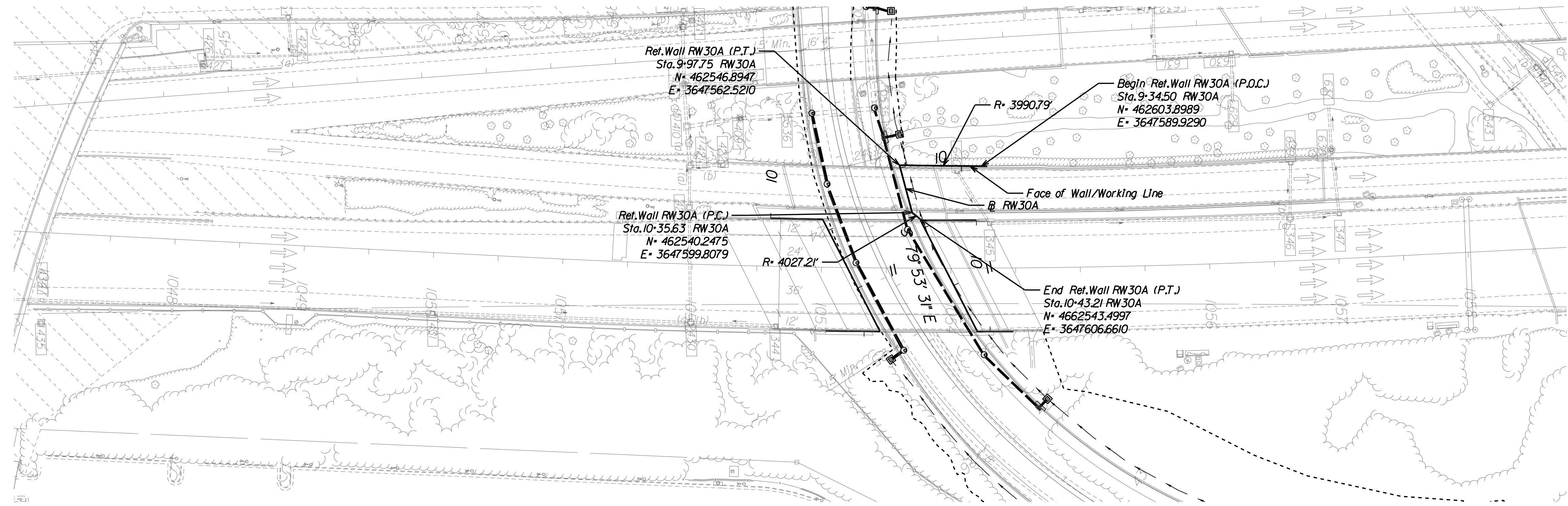
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

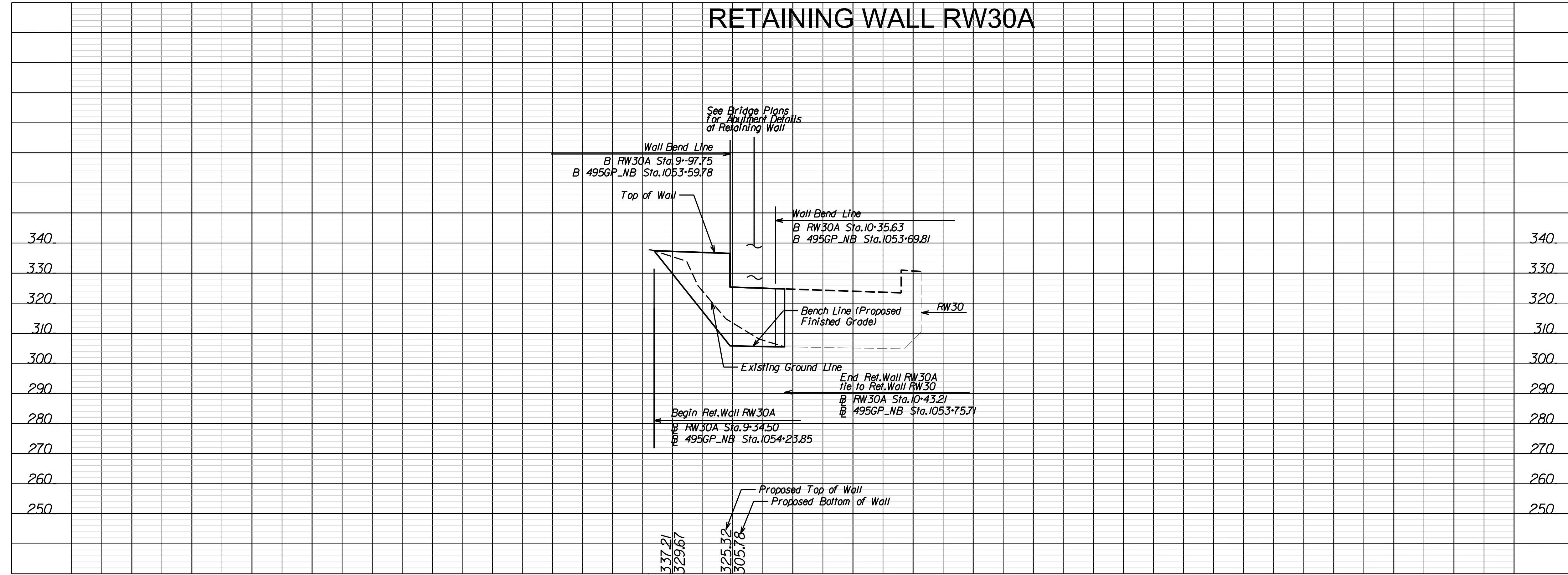
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	88A

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



RETAINING WALL RW30A



PROJECT MANAGER Capital Beltway Express, LLC
SURVEYED BY, DATE Btce Associates, 2019-06-17
DESIGN BY HDR Engineering
SUBSURFACE UTILITY BY, DATE N/A

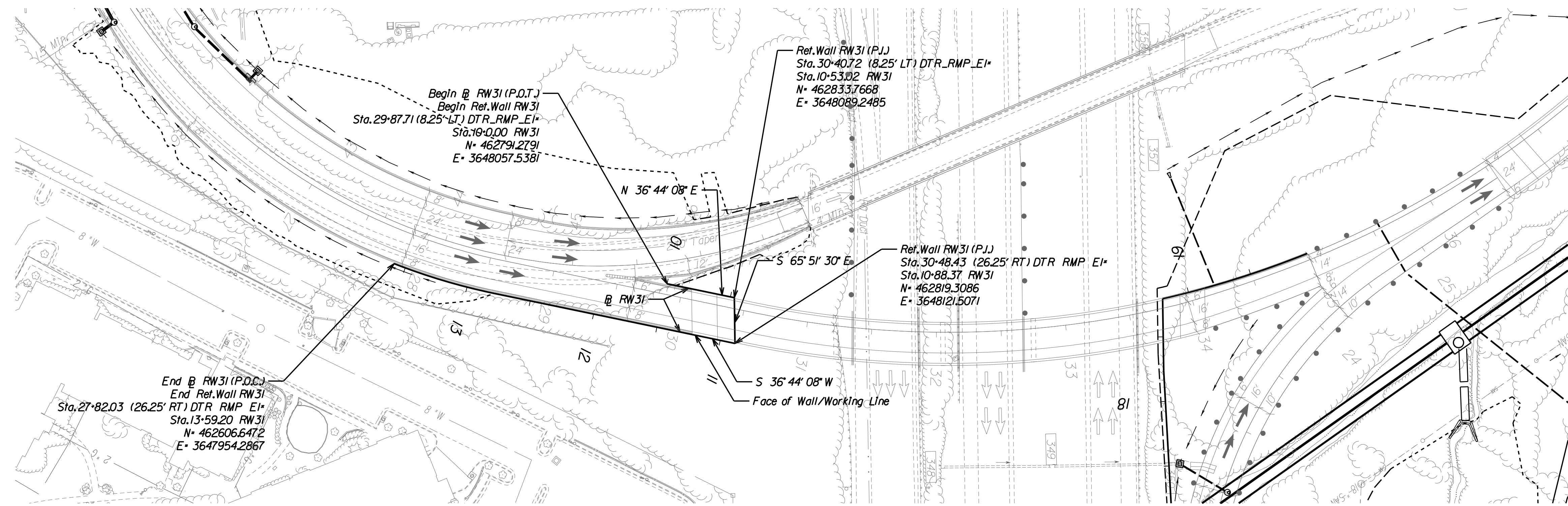
PUBLIC HEARING PLANS
DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

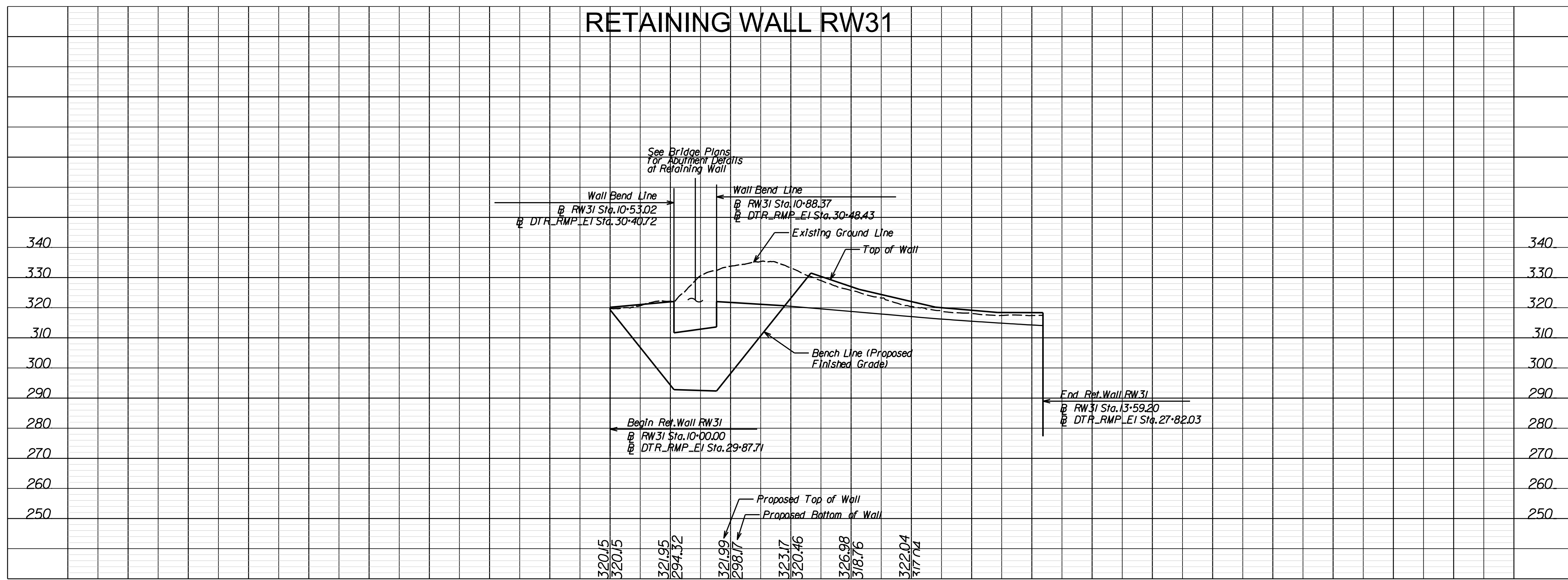
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201, C-501	89

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



RETAINING WALL RW31



PROJECT MANAGER *Capital Beltway Express, LLC*
 SURVEYED BY, DATE *Bice Associates, 2019-06-17*
 DESIGN BY *HDR Engineering*
 SUBSURFACE UTILITY BY, DATE *N/A*

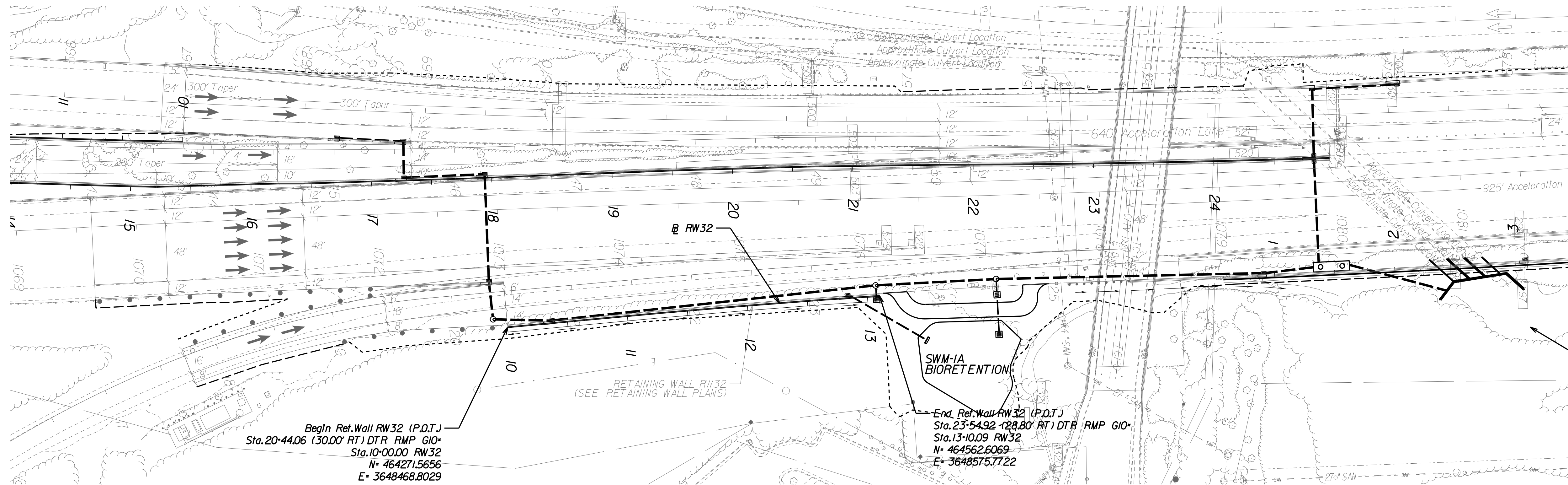
PUBLIC HEARING PLANS
 DATE: 02/21/2020

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS.

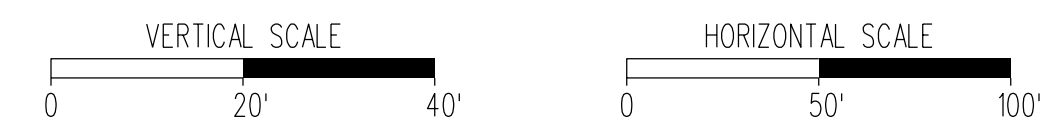
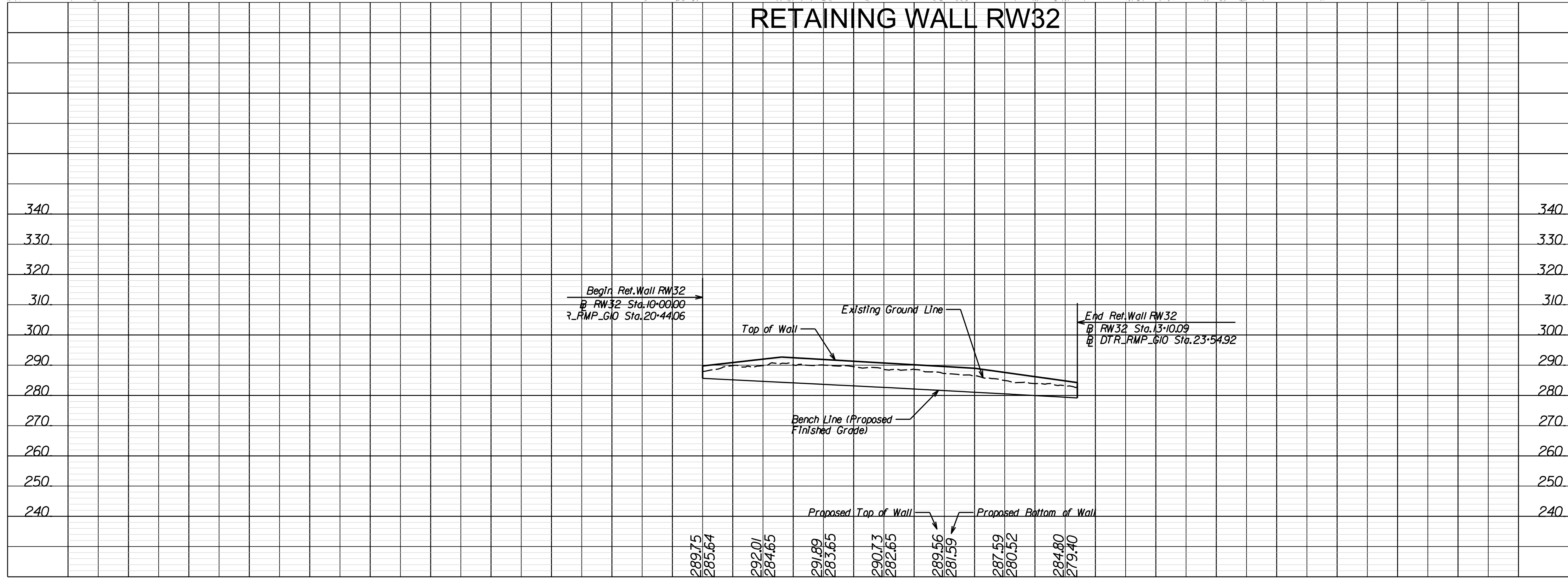
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	495	0495-029-419 R-201,C-501	90

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



RETAINING WALL RW32



PROJECT	SHEET NO.
0495-029-419	90