FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA MATRIX *							
Rte.	Road Name	Posted Speed	GS Sl'd.	Dir	K	Truck %	VDOT 2019 AADT
840	University Blvd.	45	GS-6	0.907	0.098	1%	6,400
3631	Fog Light Wy.	25	GS-8	-	-	-	540
3624	Pike Br.	25	GS-8	-	-	-	1,000
1705	Jennell Dr.	25	GS-8	-	-	-	580
-	-	-	-	-	-	-	-

* Per VDOT's 2019 Daily Traffic Volume Estimates

FOR INDEX OF SHEETS SEE SHEET 1B

THIS PROJECT WAS DEVELOPED UTILIZING THE DEPARTMENT'S ENGINEERING DESIGN PACKAGE (OPENROADS).
VDOT'S Computer Identification No. (118253)

VDOT FUNCTIONAL CLASSIFICATION LEGEND
GS-1 (Rural Principal Arterial System)
GS-2 (Rural Minor Arterial System)
GS-3 (Rural Collector Rd. System)
GS-4 (Rural Local Rd. System)
GS-5 (Urban Principal Arterial System)
GS-6 (Urban Minor Arterial St. System)
GS-7 (Urban Collector St. System)
GS-8 (Urban Local St. System)
GS-9 (Service Road)

COMMONWEALTH OF VIRGINIA

Prince William County Dept. of Transportation

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

PRINCE WILLIAM COUNTY LOCALLY ADMINISTERED PROJECT

DEVLIN ROAD (RTE. 621) - WIDEN TO 4 LANES

From: 0.080 Mi N. of University Blvd. (Rte. 821)
To: 0.009 Mi. S. of Jennell Dr. (Rte. 1705)

FHWA-534 DATA 44003

STATE	FEDERAL AID PROJECT	STATE ROUTE	STATE PROJECT	SHEET NO.
VA.	-	621	(NFO) 0621-076-610 (SEE TABULATION BELOW FOR SECTION NUMBERS)	1

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA	
NON NHS - URBAN MINOR ARTERIAL - ROLLING - DIVIDED - 45 MPH MIN. DESIGN SPEED	
For additional info. see Functional Classification and Traffic Data Matrix (This Sheet)	DEVLIN ROAD, RTE. 621 (GS-6) Fr: UNIVERSITY BLVD. (RTE. 840) To: JENNELL DR. (RTE. 1705)
AADT (2021)	14,566
AADT (2026)	16,082
AADT (2045)	23,428
DHV (2021)	12,224
D (%) (design hour)	0.723
T (%) (design hour)	1%
V (MPH)	*
DESIGN VEHICLE	SEE 20 SHEET SERIES FOR AUTOTURNS

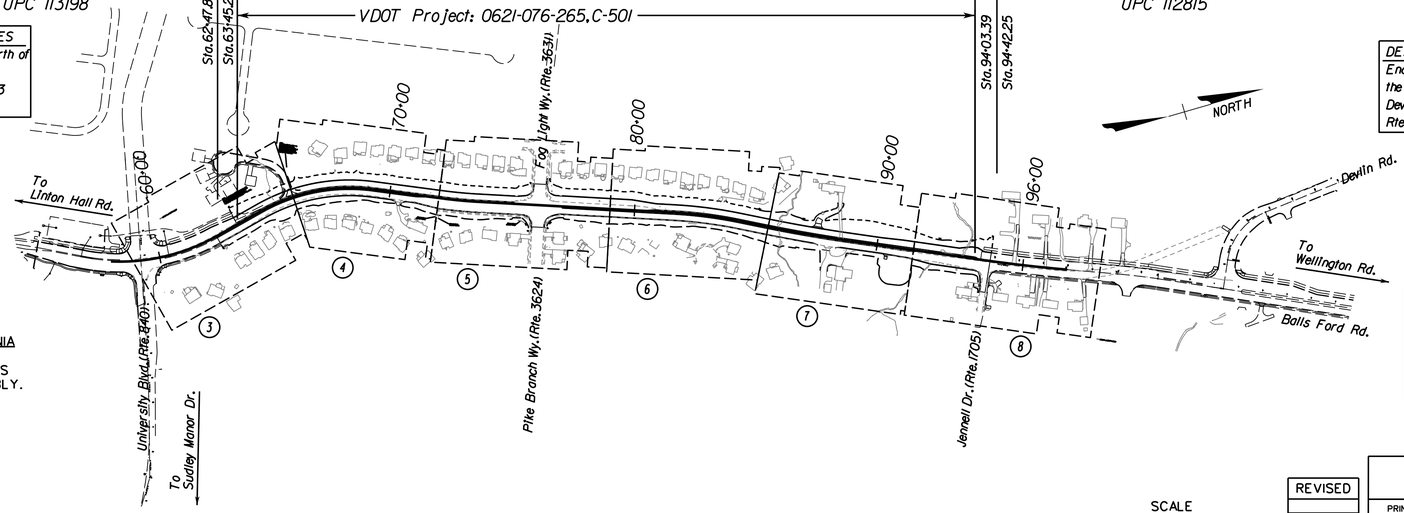
* See Plan and Profile Sheets for horizontal and vertical curve design speed data.

PROJECT DISTURBED AREA
Approximately ___ acres will be disturbed with this project. See SWPPP sheets 2N to 2N(3) for more information.

VDOT Project: 0621-076-265, RW-201
VDOT Project: 0621-076-265, PE-101
VDOT Project: 0621-076-265, C-501
VDOT Proj.: 0840-076-R68 C501 UPC 113198
VDOT Proj.: 6234-076-266, C501 UPC 112815

DESCRIPTION REFERENCES
Begin Project 0.080 mi. North of the Intx. of University Blvd. and Devlin Rd. Sta. 63+45.23 Rte. 621 C.Bl.

DESCRIPTION REFERENCES
End Project 0.009 mi. South of the Intx. of Jennel Dr. and Devlin Rd. Sta. 94+03.39 Rte. 621 C.Bl.



THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY AS AWARDED HAS BEEN SEALED AND SIGNED USING DIGITAL SIGNATURES AND THE OFFICIAL PLAN ASSEMBLY IN ELECTRONIC FORMAT IS STORED IN THE VDOT CENTRAL OFFICE PLAN LIBRARY, INCLUDING ALL SUBSEQUENT REVISIONS, WILL BE THE OFFICIAL CONSTRUCTION PLANS. FOR INFORMATION RELATIVE TO ELECTRONIC FILES AND LAYERED PLANS, SEE THE GENERAL NOTES.

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 2020 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS (REVISED MAY 2020), 2009 MUTCD, 2011 VIRGINIA SUPPLEMENT TO THE MUTCD, 2011 VIRGINIA WORK AREA PROTECTION MANUAL REVISION 2, 2019 AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

ALL CURVES ARE TO BE SUPERELEVATED, TRANSITIONED AND WIDENED IN ACCORDANCE WITH STANDARD TC-5.11U, EXCEPT WHERE OTHERWISE NOTED.

THE ORIGINAL APPROVED TITLE SHEET(S), INCLUDING ORIGINAL SIGNATURES, IS FILED IN THE VDOT CENTRAL OFFICE PLAN LIBRARY. ANY MISUSE OF ELECTRONIC FILES, INCLUDING SCANNED SIGNATURES, IS ILLEGAL AND ENFORCED TO THE FULL EXTENT OF THE LAW.

CONVENTIONAL SIGNS

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

PFI PLANS
MAY 2021

TIER 2 PROJECT

SCALE 0' 300' 600'

PRINCE WILLIAM COUNTY POPULATION 463,026 (Est. 2018 Census)

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	LENGTH INCLUDING BRIDGE(S) FEET	LENGTH INCLUDING BRIDGE(S) MILES	LENGTH EXCLUDING BRIDGE(S) FEET	LENGTH EXCLUDING BRIDGE(S) MILES	TYPE PROJECT	DESCRIPTION
0621-076-610	PE-101	-	PENG	118253	3,058.16	0.579	3,058.16	0.579	Prelim. Eng.	Sta. 63+45.23 to 94+03.39
	C-501	-	1000	118253	3,058.16	0.579	3,058.16	0.579	Construction	Sta. 63+45.23 to 94+03.39
	RW-201	-	ROWA	118253	3,194.36	0.605	3,194.36	0.605	Right of Way	Sta. 62+47.89 to 94+42.25

Project Lengths are based on Rte. 621 Construction Baseline between Sta. 60+00 and Sta. 96+00

REVISED

LOCALLY ADMINISTERED PROJECTS
PRINCE WILLIAM COUNTY DEPARTMENT OF TRANSPORTATION
RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION (PARTIAL TAKES)
DATE | CHIEF OF ENGINEERING AND CONSTRUCTION

LOCALLY ADMINISTERED PROJECTS
PRINCE WILLIAM COUNTY DEPARTMENT OF TRANSPORTATION
RECOMMENDED FOR APPROVAL FOR CONSTRUCTION
DATE | CHIEF OF ENGINEERING AND CONSTRUCTION

PWCDOT PROJECT	VDOT PROJECT	SHEET NO.
SPR2021-__	0621-076-610	1

PROJECT MANAGER Khattab Shammout, P.E. - PWC Dept. of Transportation (703) 792-7193
SURVEYED BY, DATE Nicholas Kougoulis, L.S., Rinker Design Assoc., P.C. (703) 334-9302; March 2021
DESIGN BY Mark A. Gunn, P.E. Rinker Design Assoc., P.C. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

NOVA DISTRICT

5/4/2021

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.

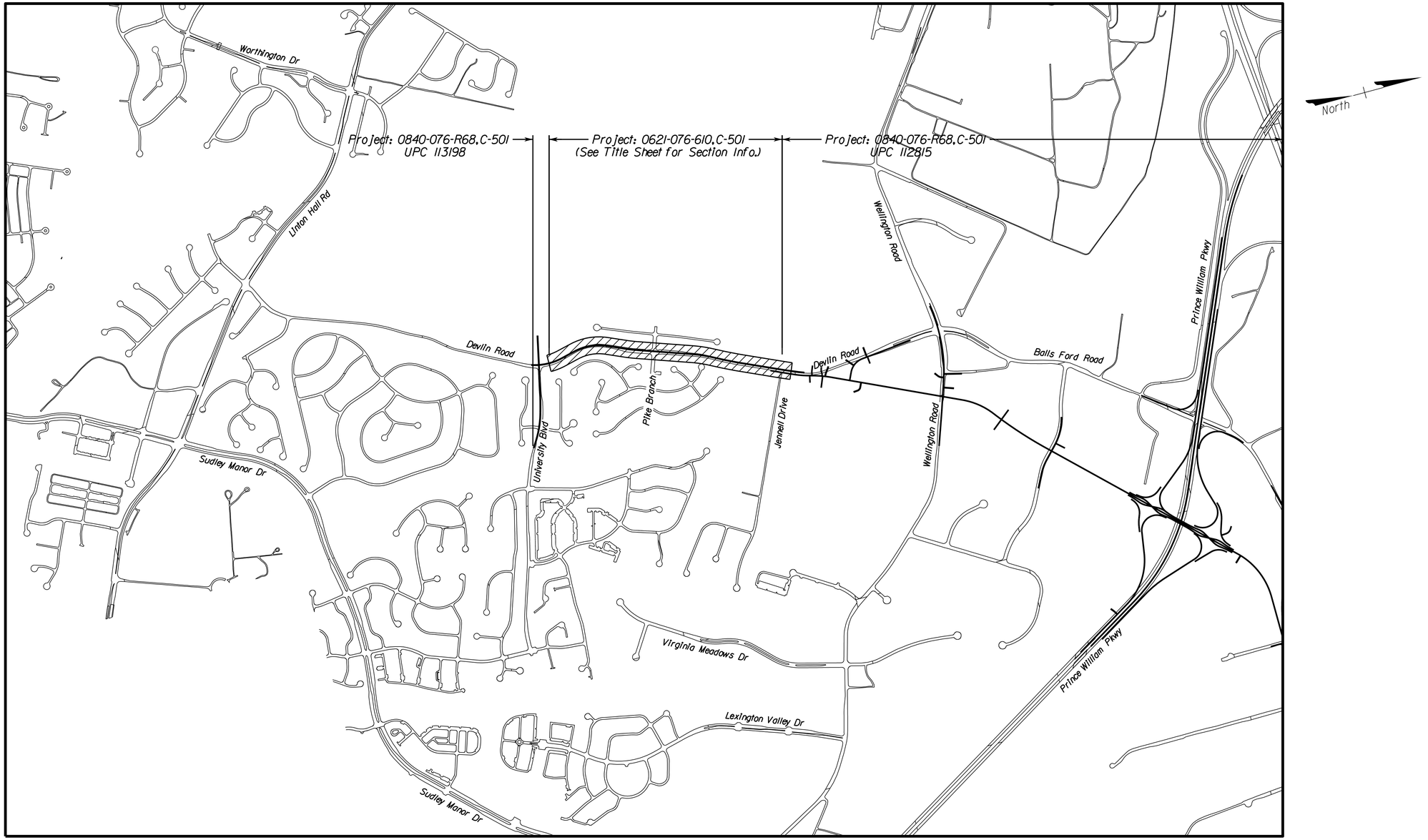
PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout,P.E.,(703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis LS (703) 334-9302; September 2018
DESIGN BY RDA: Mark A.Gunn P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Project Location Map

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	1A

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



DEVLIN ROAD - WIDEN TO 4 LANES - PROJECT LOCATION MAP

Prince William County,Virginia Population 463,026 (Est.2018 Census)

SCALE	VDOT PROJECT NO.	SHEET NO.
0' 750' 1500'	0621-076-610 PWCDOT PROJECT NO. SPR202I-___	1A

NOVA DISTRICT

5/4/2021

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SURVEYED BY, DATE RDA: Nicholas Kougoulis LS (703) 334-9302 September 2018
DESIGN BY RDA: Mark A.Gunn P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100 March 2021

Project Index of Sheets

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	IB

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

INDEX OF SHEETS

PROJECT INDEX OF SHEETS		
VDOT Project	0621-076-610, PE101, RW201, C501	
**********	**********	**********
Sheet No.	1	Title Sheet for Devin Road Road Widening Project
Sheet No.	1A	Project Location Map
Sheet No.	1B	Project Index of Sheets
Sheet No.	1C	Right of Way Data Sheet
Sheet No.	1D	Revision Data Sheet
**	1F	Survey Traverse Control
**	1F(1)	Survey Control Cards
Sheet No.	1F(2)	Survey Drainage Descriptions
Sheet No.	1F(3)	Survey Utility Descriptions
Sheet No.	1F(4)	Survey Property Owner Information
**	1F(5)	Survey Easement Descriptions
Sheet No.	1G	Geometric Data Information
Sheet No.	1G(1)	Geometric Data Information
Sheet No.	1H	Underground Utilities Test Hole Information
**	1J	Temporary Traffic Control General Notes
**	1J(1)	Temporary Traffic Control Sequence of Construction Narrative
**	1J(2)	Temporary Traffic Control Plans Typical Sections
**	1J(3)	Temporary Traffic Control Plans Typical Sections
**	1K	Temporary Traffic Control Plans Phase 1
**	1L	Temporary Traffic Control Plans Phase 2
**	1M	Temporary Traffic Control Plans Phase 3
**	1N thru 1T	Not Used
**	1U	Erosion and Sediment Control Notes and Details
**	1U(1)	Soil Identification Map
**	1U(2)	Erosion and Sediment Control Plan VESCH Narrative and Checklist
**	1U(3)	Letter of Nutrient Purchase
**	1V(3)	Erosion and Sediment Control Phase 1
**	1V(4)	Erosion and Sediment Control Phase 1
**	1V(5)	Erosion and Sediment Control Phase 1
**	1V(6)	Erosion and Sediment Control Phase 1
**	1V(7)	Erosion and Sediment Control Phase 1
**	1V(8)	Erosion and Sediment Control Phase 1
**	1W(3)	Erosion and Sediment Control Phase 2
**	1W(4)	Erosion and Sediment Control Phase 2
**	1W(5)	Erosion and Sediment Control Phase 2
**	1W(6)	Erosion and Sediment Control Phase 2
**	1W(7)	Erosion and Sediment Control Phase 2
**	1W(8)	Erosion and Sediment Control Phase 2
**	1X	Erosion and Sediment Control Temporary Sediment Basin Details
**	1Y thru 1Z	Not Used
Sheet No.	2	General Notes
Sheet No.	2A	Typical Sections
Sheet No.	2A(1)	Typical Sections
Sheet No.	2A(2)	Typical Sections
Sheet No.	2A(3)	Typical Sections
Sheet No.	2B	Typical Sections
Sheet No.	2B(1)	Typical Sections
Sheet No.	2C	Geotechnical Recommendations
**	2D	Roadside Development
**	2E thru 2I	Not Used
**	2J	Ditch Typicals and Profiles
**	2K	Drainage Descriptions
**	2L	Drainage Profiles
**	2L(1)	Drainage Profiles and Allowable Pipe Tables
**	2M	SWM Pond 8-1
**	2N	Stormwater Pollution Prevention Plan (SWPPP) General Information Sheet
**	2N(1)	Stormwater Pollution Prevention Plan (SWPPP) General Information Sheet
**	2N(2)	Stormwater Pollution Prevention Plan (SWPPP) General Information Sheet
**	2N(3)	Stormwater Pollution Prevention Plan (SWPPP) General Information Sheet
**	2O	Not Used
**	2P	Drainage and E&S Summary
**	2P(1)	Pavement Summary
**	2P(2)	Grading Summary
**	2P(3)	Incidental and TMP/SOC Summary
Sheet No.	2P(4)	Demolition Summary
**	2P(5)	Signage and Pavement Marking Summary
**	2P(6)	Underdrain Summary
**	2P(7)	Underdrain Summary
**	2Q	CG-12 Details

INDEX OF SHEETS CONTINUED ...

**	2R	Not Used
**	2S	Curb Return Profiles
**	2T	Retaining Wall Profile and Detail Sheets
**	2U	Noise Wall Profiles and Detail Sheets
**	2V thru 2Z	Not Used
Sheet No.	3	Plan Sheet, Rte. 621 (Sta. 59+00 to 66+00)
Sheet No.	3A	Profile Sheet, Rte. 621 (Sta. 59+00 to 66+00)
Sheet No.	3RW	Prop. R/W and Survey Boundary Info
Sheet No.	4	Plan Sheet, Rte. 621 (Sta. 66+00 to 72+00)
Sheet No.	4A	Profile Sheet, Rte. 621 (Sta. 66+00 to 72+00)
Sheet No.	4B	Entrance Profiles, (Sta. 66+00 to 72+00)
Sheet No.	4RW	Prop. R/W and Survey Boundary Info
Sheet No.	5	Plan Sheet, Rte. 621 (Sta. 72+00 to 79+00)
Sheet No.	5A	Profile Sheet, Rte. 621 (Sta. 72+00 to 79+00)
Sheet No.	5B	Connection Profiles, (Sta. 72+00 to 79+00)
Sheet No.	5RW	Prop. R/W and Survey Boundary Info
Sheet No.	6	Plan Sheet, Rte. 621 (Sta. 79+00 to 85+50)
Sheet No.	6A	Profile Sheet, Rte. 621 (Sta. 79+00 to 85+50)
Sheet No.	6RW	Prop. R/W and Survey Boundary Info
Sheet No.	7	Plan Sheet, Rte. 621 (Sta. 85+50 to 91+50)
Sheet No.	7A	Profile Sheet, Rte. 621 (Sta. 85+50 to 91+50)
Sheet No.	7B	Entrance Profiles, (Sta. 85+50 to 91+50)
Sheet No.	7RW	Prop. R/W and Survey Boundary Info
Sheet No.	8	Plan Sheet, Rte. 621 (Sta. 91+50 to 97+80)
Sheet No.	8A	Profile Sheet, Rte. 621 (Sta. 91+50 to 97+80)
Sheet No.	8B	Connection & Entrance Profiles, (Sta. 91+50 to 97+80)
Sheet No.	8RW	Prop. R/W and Survey Boundary Info
**	9	Traffic Signal Plans
**	10	Pavement Marking Plans
**	11	Signing Plan
Sheet No.	12(5)	Roadway Lighting Plan at Fog Light and Pike Branch Intersection
Sheet No.	12(8)	Roadway Lighting Plan at Jennell Intersection
**	13	Water Line & Sanitary Sewer Relocation Plan
**	14	Utility Relocation Plans
**	15 thru 19	Not Used
Sheet No.	20	AutoTurn Legend and Notes
Sheet No.	20(1)	AutoTurn Intersection Movements for Fog Light/Pike Branch
Sheet No.	20(2)	AutoTurn Intersection Movements for Jennell Drive
**********	**********	**********
CROSS SECTIONS		
Sheet No.	X1	Project Index of Cross Sections
Sheet No.	X2 thru X44	Devlin Road
**	X100 thru X101	Fog Light Wy.
**	X200 thru X201	Pike Branch Wy.
**	X300 thru X301	Jennell Dr.
**********	**********	**********
INDEX PLAN	SET NOTES:	
47 Total plan and profile sheets in this set		
44 Total cross section sheets		
** Denotes plans not included in this submission		

INDEX OF SHEETS CONTINUED ...

NOVA DISTRICT

5/4/2021

	VDOT PROJECT NO.	SHEET NO.
	0621-076-610 PWCDOT PROJECT NO. SPR2021-___	IB

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout,P.E.(703)792-7193
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DESIGN BY RDA: Mark A.Gunn P.E. (703)334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703)378-0100; March 2021

Preliminary Right of Way Data

NOTE: All data shown here is for information and estimating purposes only. VDOT Proj. 0621-076-610,RW-201 is a locally administered project by PWC and Final Acquisition Plats are required and shall be provided by a professional surveyor.

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	1C

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: Prince William County,Virginia
UPC No.: 112813

PROJECT ASSIGNED PARCEL NO.	LANDOWNER	PLAN SHEET NO.	AREAS																		PROFFERS YES / NO	PWC GPIN NO. & REMARKS
			TOTAL AREA	FEE TAKING	PRESCRIPTIVE ROW	FEE REMAINDER	PERMANENT EASEMENTS												TEMPORARY EASEMENTS				
							DRAIN.	DRAIN. AND WALL	WATER	SEWER	-	-	-	-	-	-	-	-	-	ENTRANCE	CONSTR.	
			ACRES	SQ.FT.	SQ.FT.	ACRES	SQ.FT.	SQ.FT.	SQ.FT.	SQ.FT.	SQ.FT.	SQ.FT.	SQ.FT.	SQ.FT.	SQ.FT.	SQ.FT.	SQ.FT.	SQ.FT.	SQ.FT.	SQ.FT.	SQ.FT.		
001	GHADBAN HARRY S	3	2.243 Ac.	13,041		1.944 Ac.	680	702													8,073	NO	7496-74-8749
002	HARRIS BARTON & JENNIFER	3	0.333 Ac.	54		0.331 Ac.		774													640	NO	7496-84-2240
003	WHITEHEAD BRIDGETT V & JAMAL & AARON R	3	0.248 Ac.	175		0.243 Ac.		781													497	NO	7496-84-1747
004	SILER STEPHEN J & DEBORAH L SILER	3	0.263 Ac.	350		0.254 Ac.		899													567	NO	7496-84-1554
005	BAIG ALI AFZAL & FAIZA JAMIL	3	0.319 Ac.	1,051		0.295 Ac.		1,372													2,468	NO	7496-84-1462
006	WILLIAM M.KULIK & CATHERINE MUSSETT	3,4	0.268 Ac.	883		0.248 Ac.		888													111	NO	7496-84-1372
007	BENJAMIN B.BISCOE & HEATHER H.BISCOE	4	0.458 Ac.			0.458 Ac.		1,010													533	NO	7496-74-8982
008	DAVID LEROY WILLIAMS & DELANA JEANNE BENTLEY	4	0.293 Ac.			0.293 Ac.		929	160												505	NO	7496-74-9290
009	THADDEUS ANDERSON & KIMBERLY L.KING-ANDERSON	4	0.273 Ac.			0.273 Ac.		687													475	NO	7496-74-9299
010	BERT-JAN CUMMINGS & STEPHANIE F.CUMMINGS	4	0.261 Ac.	7		0.261 Ac.		746													350	NO	7496-74-9506
011	ALLEN S.GIBSON,JR.& LATOSHA N.GIBSON	4	0.267 Ac.	110		0.264 Ac.		659													301	NO	7496-75-9712
012	MANOSIJ ROY & SUDIPA CHAKRABARTI	4	0.274 Ac.	269		0.268 Ac.		782													356	NO	7496-85-0019
013	JOHN B.TOLL & CASI L.TOLL	4	0.280 Ac.	416		0.270 Ac.		786													357	NO	7496-85-0922
014	RAMCHANDAR RATTAN & SANDRA C.RATTAN	4,5	0.284 Ac.	467		0.273 Ac.		788													357	NO	7496-85-0922
015	TEUN-MING HO & MEI-JU CHEN	4	0.285 Ac.	999		0.262 Ac.		996	120												447	NO	7496-84-1480
016	LAURA M.ALARCON ORTIZ	4	0.302 Ac.	987		0.279 Ac.		1,011	3												495	NO	7496-84-1688
017	WILLIAM SIDENER & KARA SIDENER	4	0.318 Ac.	288		0.311 Ac.		1,009													365	NO	7496-84-1895
018	DAVID GEIGER & ELIZABETH GEIGER	4	0.301 Ac.			0.301 Ac.		357													156	NO	7496-85-2302
019	RASHED UDDIN CHOUDHURY & SUHANA CHOWDHURY	4	0.243 Ac.			0.243 Ac.		132													281	NO	7496-85-2705
020	HC LAND COMPANY,LC.	4	0.343 Ac.			0.343 Ac.		786													1,054	NO	7496-85-3421
021	ELI CORY & JENNIFER KALE	4,5	0.347 Ac.			0.347 Ac.		409													406	NO	7496-85-3421
022	SALAZAR GERMAN	5	0.294 Ac.	465		0.283 Ac.		833													377	NO	7496-85-0938
023	CESAR JESUS CANTOS CEVALLOS & MARIA FERNANDA CANTOS	5	0.280 Ac.	430		0.270 Ac.		774													351	NO	7496-85-1145
024	BERNARD F.TANWARONG & CHARLOTTE N.DOGO	5	0.277 Ac.	423		0.267 Ac.		770													350	NO	7496-85-1452
025	VICTOR R.PEREZ & NORA L.PEREZ	5	0.395 Ac.	999		0.372 Ac.		1,191													542	NO	7496-85-1760
026	BIENVENIDO F.NOBLEZADA,II & VERNA E.P. NOBLEZADA	5	0.346 Ac.	658		0.331 Ac.		1,070													745	NO	7496-85-2377
027	JERRY G.LUSTAN & IRIS M.LUSTAN	5	0.248 Ac.	323		0.241 Ac.		781													355	NO	7496-85-2685
028	MEDHAT MOHAMED SALEM & MONA YEHIA ALLAM	5	0.242 Ac.	311		0.235 Ac.		770													350	NO	7496-85-2891
029	MEGAN PLANT	5,6	0.239 Ac.	304		0.232 Ac.		770													350	NO	7496-85-3098
030	MUHAMMED AZHAR IQBAL,ZULIKHA BIBI & HASHIM IQBAL AZHAR	5	0.405 Ac.	239		0.400 Ac.		1,548													1,764	NO	7496-85-3531
031	FREDDIE FLOWERS & MARCIA LYNETTE FLOWERS	5	0.297 Ac.	207		0.292 Ac.		1,039													988	NO	7496-85-3941
032	KHALID H.KURDO & ROPAK A.KURDO	5	0.303 Ac.	12		0.303 Ac.															339	NO	7496-85-4351
033	DANIEL MCLEAN & TRACEY MCLEAN	5	0.230 Ac.	6		0.230 Ac.															118	NO	7496-85-4768
034	CHRISTOPHER P.LAWRENCE & ROBIN M.LAWRENCE	5	0.327 Ac.			0.327 Ac.															264	NO	7496-85-5577
035	HASSAN KOBROSLI	5,6	0.352 Ac.			0.352 Ac.															1,844	NO	7496-85-5384
036	JIANG SHU AI	6	0.240 Ac.	216		0.235 Ac.		777													353	NO	7496-86-3304
037	AIZAZ KHAN	6	0.235 Ac.	9		0.235 Ac.		724													345	NO	7496-86-3511
038	KENNES HENDRICKSON & KAREN MAY HENDRICKSON	6	0.243 Ac.	326		0.236 Ac.		815													365	NO	7496-86-4116
039	RUDDY A.PANIAGUA & ITA PANIAGUA	6	0.236 Ac.	341		0.228 Ac.		773													353	NO	7496-86-4422
040	NESAR A ZIA & SHAFIQA K.ZIA	6	0.237 Ac.	329		0.229 Ac.		784	532												614	NO	7496-86-4431
041	HEVERT FUENTES	6	0.239 Ac.	313		0.232 Ac.		784	1,218												1,041	NO	7496-86-4637
042	CHUNILAL S.PATEL & DAKSHA PATEL	6	0.244 Ac.	295		0.237 Ac.		775	1,063												1,028	NO	7496-86-4944
043	IMTIAZ CHOHAN & NABIGHA CHOHAN	6,7	0.283 Ac.	537		0.271 Ac.		1,319	1,799												1,738	NO	7496-86-5450
044	LANIER FARMS HOMEOWNERS ASSOCIATION	7	0.286 Ac.	784		0.268 Ac.	763	1,460	2,119												716	NO	7496-86-6363
045	JING XU & BEINI HUA	6	0.288 Ac.			0.288 Ac.															1,221	NO	7496-85-5695
046	MOUNIR MOUTAOIAKIL & LAMIAA ROUGUI	6	0.352 Ac.	151		0.348 Ac.		1,649													1,513	NO	7496-86-6315
047	SOPHIA JEAN-PIERRE	6	0.412 Ac.	609		0.398 Ac.		2,036	180												925	NO	7496-86-7034
048	THOMAS P.MAINS IV & JACQUELINE M.MAINS	6,7	0.457 Ac.	120		0.454 Ac.		763													1,022	NO	7496-86-8147
049	LANIER FARMS HOMEOWNERS ASSOCIATION	7	3.320 Ac.	33		3.319 Ac.	1,088	1,281													2,257	NO	7496-96-4330
050	GORGONE VICKIE MAY	7	2.712 Ac.	9,720		2.489 Ac.	157													4,776	6,722	NO	7496-87-6903
051	GORGONE VICKIE MAY	7,8	2.527 Ac.	13,474		2.217 Ac.															11,950	NO	7496-87-7828
052	VICKIE MAY GORGONE	8	2.530 Ac.	13,712		2.215 Ac.	2,798														5,712	NO	7496-87-7828
053	JEFFERY S.LEWIS	7,8	5.000 Ac.	9,355		4.785 Ac.	1,288													6,277	7,843	NO	7496-96-1774
054	JEFFERY S.LEWIS	8	2.000 Ac.	671		1.985 Ac.	3,775														2,569	NO	7496-96-2596
~~055~~	~~FELISBERTO MAGALHAES,CARLOS MAGLHAES & HORACIO MAGALHAES~~	~~8~~	~~1.491 Ac.~~			~~1.491 Ac.~~																~~NO~~	~~7496-87-8746~~
056	VIRGINIA B.BUTLER	8	1.249 Ac.	148		1.246 Ac.														1,206	1,334	NO	7496-97-3212
~~057~~	~~DEVLIN,LLC~~	~~8~~	~~1.252 Ac.~~			~~1.252 Ac.~~																~~NO~~	~~7496-97-4024~~
058	LANIER FARMS HOMEOWNERS ASSOCIATION	5	0.056 Ac.	739		0.039 Ac.		610													237	NO	7496-85-3653
059	LANIER FARMS HOMEOWNERS ASSOCIATION	5	0.035 Ac.	728		0.018 Ac.															346	NO	7496-85-4270
TOTAL	PROJECT TOTALS			23,699	0		680	27,550	283	0	0	0	0	0	0	0	0	0	0	162	28,229		

NOVA DISTRICT

5/4/2021

VDOT PROJECT NO.	SHEET NO.
0621-076-610 PWCDOT PROJECT NO. SPR2021-___	1C

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

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PFI PLANS

PROJECT MANAGER _PWCDOT: Khattab Shammout, P.E. (703) 792-7193 _____
SURVEYED BY, DATE _RDA: Nicholas Kougoulis LS (703) 334-9302; September 2018
DESIGN BY RDA: Mark A.Gunn P.E. (703) 334-9288 _____.
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021 ____.

Revision Data Sheet

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	ID

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

State Project: XXXX-XXX-XXX, PE-101, RW-201, C-501
Federal Aid Project: N/A
From: XXX
To: XXX
UPC Number: XXXXXX

NOVA DISTRICT

5/4/2021

VDOT PROJECT NO.	SHEET NO.
0621-076-610 PWCDOT PROJECT NO. SPR2021-___	ID

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis LS (703) 334-9302 September 2018
DESIGN BY RDA: Mark A.Gunn P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100 March 2021

Note:
Inaccessible(1) - Structure Is Not Accessible Due to Traffic
Inaccessible(2) - Structure Is Full of Silt and Debris
Inaccessible(3) - Invert cannot be confirmed, possible Blind Connection
Pipe(4) - Inaccessible Pipe, Type & Size Cannot be Determined, possibly recessed, can't remove grate, etc.

Survey Drainage Descriptions

Structures A1 to A50

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	1F(2)

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

(1) In Pl. Storm Grate
Top = 253.21
Inv. In = 248.32 (From Structure 2)
Inv. Out = 248.21 (To East)

(2) to (1) In Pl. 190LF- 24" RCP @ 1.35%
Inv. In = 248.32
Inv. Out = 250.88

(2) In Pl. Storm Grate
Top = 255.88
Inv. In = 251.01 (From Structure 3)
Inv. Out = 250.88 (To Structure 1)

(3) to (2) In Pl. 118LF- 24" RCP @ 1.27%
Inv. In = 251.01
Inv. Out = 252.51

(3) In Pl. Storm Grate
Top = 258.58
Inv. In = 254.35 (From Structure 4)
Inv. Out = 252.51 (To Structure 2)

(4) to (3) In Pl. 57LF- 21" RCP @ 3.61%
Inv. In = 254.35
Inv. Out = 256.41

(4) In Pl. Storm Grate
Top = 259.35
Inv. In = 256.53 (From Structure 5)
Inv. Out = 256.41 (To Structure 3)

(5) to (4) In Pl. 108LF- 18" RCP @ 4.67%
Inv. In = 256.53
Inv. Out = 261.57

(5) In Pl. Manhole
Top = 266.96
Inv. In = 263.13 (From Structure 6)
Inv. Out = 261.57 (To Structure 4)

(6) to (5) In Pl. 105LF- 18" RCP @ 9.99%
Inv. In = 263.13
Inv. Out = 273.62

(6) In Pl. CI
Top = 281.70
Inv. In = 273.95 (From Southwest)
Inv. Out = 273.62 (To Structure 5)

(7) In Pl. CI
Top = 261.00
Inv. In = 252.13 (From Structure 8)
Inv. Out = 251.95 (To East)

(7A) In Pl. CI
Top = 261.66
Inv. Out = 253.48 (To Structure 7)

(7A) to (7) In Pl. 54LF- 15" RCP @ 0.93%
Inv. In = 252.98
Inv. Out = 253.48

(8) to (7) In Pl. 207LF- 33" RCP @ 3.63%
Inv. In = 252.13
Inv. Out = 259.64

(8) In Pl. Manhole
Top = 270.31
Inv. In = 260.28 (From Structure 9)
Inv. In = 260.39 (From Structure 8A)
Inv. Out = 259.64 (To Structure 7)

(8A) to (8) In Pl. 256LF- 24" RCP @ 1.20%
Inv. In = 260.39
Inv. Out = 263.46

(9) to (8) In Pl. 102LF- 24" RCP @ 4.23%
Inv. In = 260.28
Inv. Out = 264.59

(8A) In Pl. Storm Grate
Top = 270.66
Inv. In = 263.66 (From Structure 8B)
Inv. Out = 263.46 (To Structure 8)

(8B) to (8A) In Pl. 63LF- 24" RCP @ 3.11%
Inv. In = 263.66
Inv. Out = 265.62

(8B) In Pl. Storm Grate
Top = 268.45
Inv. Out = 265.62 (To Structure 8A)

(9) In Pl. CI
Top = 271.82
Inv. In = 264.85 (From Structure 10)
Inv. In = 266.30 (From Structure 9A)
Inv. Out = 264.59 (To Structure 8)

(9A) to (9) In Pl. 53LF- 15" RCP @ 1.21%
Inv. In = 266.30
Inv. Out = 266.94

(10) to (9) In Pl. 124LF- 24" RCP @ 6.01%
Inv. In = 264.85
Inv. Out = 272.30

(9A) In Pl. CI
Top = 271.87
Inv. Out = 266.94 (To Structure 9)

(10) In Pl. Manhole
Top = 279.17
Inv. In = 272.69 (From Structure 11)
Inv. In = 272.58 (From Structure 14)
Inv. Out = 272.28 (To Structure 9)

(11) to (10) In Pl. 96LF- 24" RCP @ 3.92%
Inv. In = 272.69
Inv. Out = 276.45

(11) In Pl. CI
Top = 283.69
Inv. In = 276.88 (From Structure 12)
Inv. Out = 276.45 (To Structure 10)

(12) to (11) In Pl. 29LF- 21" RCP @ 1.83%
Inv. In = 276.80
Inv. Out = 277.33

(12) In Pl. CI
Top = 284.29
Inv. In = 277.63 (From Structure 13)
Inv. Out = 277.33 (To Structure 11)

(13) to (12) In Pl. 58LF- 18" RCP @ 4.66%
Inv. In = 277.63
Inv. Out = 280.33

(13) In Pl. CI
Top = 286.42
Inv. In = 280.58 (From North)
Inv. In = 280.61 (From West)
Inv. Out = 280.33 (To Structure 12)

(14) In Pl. CI
Top = 283.90
Inv. In = 276.81 (From Structure 15)
Inv. Out = 276.02 (To Structure 10)

(14) to (10) In Pl. 47LF- 24" RCP @ 7.32%
Inv. In = 272.58
Inv. Out = 276.02

(15) In Pl. CI
Top = 284.56
Inv. In = 278.38 (From Structure 16)
Inv. In = 278.38 (from South)
Inv. Out = 277.50 (To Structure 14)

(15) to (14) In Pl. 29LF- 18" RCP @ 2.38%
Inv. In = 276.81
Inv. Out = 277.50

(16) In Pl. CI
Top = 287.79
Inv. In = 279.90 (From Structure 17)
Inv. Out = 279.75 (To Structure 15)

(16) to (15) In Pl. 55LF- 15" RCP @ 2.49%
Inv. In = 278.38
Inv. Out = 279.75

(17) In Pl. CI
Top = 287.64
Inv. Out = 280.42 (To Structure 16)

(17) to (16) In Pl. 37LF- 15" RCP @ 1.41%
Inv. In = 279.90
Inv. Out = 280.42

(18) In Pl. Storm Grate
Top = 253.76
Inv. In = 250.26 (From West)
Inv. Out = 250.22 (To Structure 19)

(19) to (18) In Pl. xLF- 27" RCP @ x%
Inv. In = 250.26
Inv. Out = x

(19) In Pl. Manhole
Top = x
Inv. In = x (From West)
Inv. In = x (From Structure 20)
Inv. Out = x(To Structure 19)

(19A) to (19) In Pl. xLF- x" RCP @ x%
Inv. In = x
Inv. Out = x

(19A) In Pl. Storm Grate
Top = x
Inv. In = x (From West)
Inv. In = x (From Structure 20)
Inv. Out = x(To Structure 19)

(20) In Pl. CI
Top = 269.32
Inv. In = 255.79 (From Structure 22)
Inv. Out = 255.52 (To Structure 19)

(20) to (19) In Pl. xLF- 15" RCP @ x%
Inv. In = x
Inv. Out = x

(21) In Pl. Storm Grate
Top = 267.34
Inv. Out = 259.89 (To Structure 22)

(21) to (22) In Pl. 142LF- 15" RCP @ 1.94%
Inv. In = 257.14
Inv. Out = 259.89

(22) In Pl. Storm Grate
Top = 265.92
Inv. In = 257.14 (From Structure 21)
Inv. In = 256.12 (From Structure 23)
Inv. Out = 255.99 (To Structure 20)

(22) to (20) In Pl. 63LF- 27" RCP @ 0.32%
Inv. In = 255.79
Inv. Out = 255.99

(23) In Pl. Storm Grate
Top = 264.83
Inv. In = 257.47 (From Structure 24)
Inv. In = 258.12 (From Structure 23A)
Inv. Out = 257.39 (To Structure 22)

(23) to (22) In Pl. 26LF- 27" RCP @ 0.49%
Inv. In = 256.12
Inv. Out = 257.39

(23A) In Pl. CI
Top = 296.28
Inv. In = 287.78 (From West)
Inv. Out = 287.21 (To Structure 23)

(23A) to (23) In Pl. 199LF- 15" RCP @ 14.62%
Inv. In = 258.12
Inv. Out = 287.21

(24) In Pl. CI
Top = 262.74
Inv. In = 259.11 (From Structure 25)
Inv. Out = 258.71 (To Structure 23)

(24) to (23) In Pl. 273LF- 24" RCP @ 0.45%
Inv. In = 257.47
Inv. Out = 258.71

(25) In Pl. Storm Manhole
Top = 269.16
Inv. In = 262.79 (From Structure 26)
Inv. Out = 262.19 (To Structure 24)

(25) to (24) In Pl. 29LF- 15" RCP @ 10.62%
Inv. In = 259.11
Inv. Out = 262.19

(26) In Pl. Storm Grate
Top = 286.75
Inv. In = 280.40 (From West)
Inv. Out = 279.77 (To Structure 25)

(26) to (25) In Pl. 155LF- 15" RCP @ 10.95%
Inv. In = 262.79
Inv. Out = 279.77

(27) In Pl. CI
Top = 253.69
Inv. In = 247.90 (From Structure 28)
Inv. Out = 247.71 (To East)

(28) to (27) In Pl. 110LF- 30" RCP @ 0.56%
Inv. In = 247.90
Inv. Out = 248.52

(28) In Pl. Storm Grate
Top = 252.50
Inv. In = 248.56 (From Structure 29)
Inv. Out = 248.52 (To Structure 27)

(29) to (28) In Pl. 46LF- 24" RCP @ 0.59%
Inv. In = 248.56
Inv. Out = 248.83

(29) In Pl. Storm Grate
Top = 253.09
Inv. In = 248.90 (From Structure 30)
Inv. Out = 248.83 (To Structure 28)

(30) to (29) In Pl. 30LF- 24" RCP @ 6.63%
Inv. In = 248.90
Inv. Out = 250.89

(30) In Pl. Storm Structure
Top = 261.40
Inv. In = 254.96 (From Structure 30A)
Inv. In = 255.26 (From Structure 30B)
Inv. In = 256.91 (From Structure 31)
Inv. In = 256.91 (From Structure 32)
Inv. Out = 250.89 (To Structure 29)

(30A) to (30) In Pl. 8LF- 15" RCP @ 39.63%
Inv. In = 254.96
Inv. Out = 258.13

(30A) In Pl. Storm Grate
Top = 260.01
Inv. Out = 258.13 (To Structure 30)

(30B) to (30) In Pl. 11LF- 15" RCP @ 20.00%
Inv. In = 255.26
Inv. Out = 257.46

(30B) In Pl. Storm Grate
Top = 259.21
Inv. Out = 257.46 (To Structure 30)

(31) In Pl. End Section
Inv. In = 257.73 (To Structure 30)

(31) to (30) In Pl. 58LF- 30" RCP @ 1.41%
Inv. In = 256.91
Inv. Out = 257.73

(32) In Pl. End Section
Inv. In = 257.99 (To Structure 30)

(32) to (30) In Pl. 58LF- 30" RCP @ 1.86%
Inv. In = 256.91
Inv. Out = 257.99

(33) In Pl. Storm Grate
Top = 245.18
Inv. In = 241.77 (From Structure 34)
Inv. Out = 241.18 (To Southeast)

(34) to (33) In Pl. 201LF- 15" RCP @ 2.20%
Inv. In = 241.77
Inv. Out = 246.19

(34) In Pl. End Section
Inv. In = 246.19 (To Structure 33)

(35) In Pl. 40LF- 15" CMP @ 0.50%
Inv. In = 265.19
Inv. Out = 264.99

(36) In Pl. 36LF- 12" CMP @ 1.36%
Inv. In = 269.15
Inv. Out = 268.66

(37) In Pl. 64LF- 36" RCP @ 1.97%
Inv. In = 253.83
Inv. Out = 252.57

(38) In Pl. 28LF- 12" CMP @ 1.25%
Inv. In = 255.97
Inv. Out = 255.62

(39) In P
Inv.
Inv. Out = 250.50

(40) In Pl. 24LF- 15" CMP @ 2.75%
Inv. In = 249.88
Inv. Out = 249.22

(41) In Pl. 21LF- 12" CMP @ 2.67%
Inv. In = 248.97
Inv. Out = 248.41

(42) In Pl. 20LF- 12" CMP @ 4.50%
Inv. In = 253.86
Inv. Out = 252.96

(43) In Pl. 36LF- 15" CMP @ 1.03%
Inv. In = 254.72
Inv. Out = 254.35

(44) In Pl. 31LF- 12" CMP @ 0.84%
Inv. In = 255.10
Inv. Out = 254.84

(45) In Pl. 27LF- x" CMP @ x%
Inv. In = x
Inv. Out = x

(46) In Pl. End Section
Top = 254.43
Inv. Out = 254.43 (To Structure 47)

(46) to (47) In Pl. 48LF- 24" RCP @ 1.48%
Inv. In = 254.43
Inv. Out = 253.72

(47) In Pl. Conc. DI (No Top)
Top = x
Inv. In = 253.72 (From Structure 46)
Inv. Out = 253.41 (To Structure 48)

(47) to (48) In Pl. 218LF- 18" RCP @ 2.89%
Inv. In = 253.41
Inv. Out = 247.12

(48) In Pl. 218LF- 18" RCP @ 2.89%
Inv. Out = 247.12 (From Structure 47)

(49) In Pl. 31LF- 18" CMP @ 0.71%
Inv. In = 255.04
Inv. Out = 254.82

(50) In Pl. 53LF- 30" RCP @ 0.87%
Inv. In = 254.84
Inv. Out = 254.38

NOVA DISTRICT

5/4/2021

	VDOT PROJECT NO.	SHEET NO.
	0621-076-610 PWCDOT PROJECT NO. SPR2021-___	1F(2)

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, LS (703) 334-9302, September 2018
DESIGN BY RDA: Mark A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100, March 2021

Survey Utility Descriptions

MARK A. GUNN
Lic. No. 038323
COMMONWEALTH OF VIRGINIA
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	IF(3)

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

UTILITY LEGEND

EB	Electric Box	TB	Telephone Booth
	Electric Guy Pole		Telephone Guy Pole
	Electric Ground Light		Telephone Guy Wire
	Electric Guy Wire		Test Holes (All Utilities)
E	Electric Hand Hole		Telephone Cell Tower
	Electric Meter	T	Telephone Hand Hole
E	Electric Manhole	T	Telephone Manhole
	Electric Marker Post		Telephone Marker Post
E	Electric Pedestal		Telephone Pole
	Electric Stub	T	Telephone Pedestal
	Electric Power Pole		Telephone Riser Pole
	Electric Power Riser Pole		Television Satellite Dish
	Electric Light Pole		Tower Anchor
	Electric Luminaire		Traffic Camera Pole
	End of Information (All Utilities)	TC	Traffic Control Hand Hole
	Fire Hydrant	TC	Traffic Control Manhole
F	Fiber Optic Hand Hole		Traffic Control Guy Wire
	Fiber Optic Marker	TC	Traffic Control Pedestal
FO	Fiber Optic Manhole		Traffic Signal Guy Pole
FO	Fiber Optic Pedestal		Traffic Signal Pole
	Gas Meter		Traffic Signal Pole w/Luminaire
G	Gas Manhole		Telephone Stub
	Gas Marker Post	TV	Television Hand Hole
MW	Gas Monitoring Well	TV	Television Manhole
	Gas Stub		Television Marker Post
	Gas Test Station	TV	Television Pedestal
	Gas Valve		Television Stub
	Gas Vent		Water Blow Off
	Gas Well	W	Water Well
	Sanitary Air Release Valve		Water Meter
	Sanitary Flow Arrow	WM	Water Manhole
	Sanitary Stub		Water Marker Post
	Sewer Clean Out		Water Spigot
	Sanitary Force Main Valve		Water Siamese Connection
	Sanitary Marker Post		Water Stub
S	Sanitary Manhole		Water Valve
	Sewer Vent Pipe		Water Post Inspection Valve
	Unknown Clean Out		Water Irrigation Valve
U	Unknown Hand Hole	ST	Water Steam Manhole
UK	Unknown Manhole		Water Steam Vent Pipe

CAFO	Fiber Optic Cable Television
CHEM	Chemical Line (above or below ground)
FO Duct	Underground Fiber Optic Duct
FUEL	Fuel Line (above or below ground)
G	Gas Line *
G Duct	Gas Line Duct
SAN	Gravity Sewer *
SFM	Sanitary Force Main *
TCFO	Traffic Control Fiber Optic
T/FO	Telephone Fiber Optic
FO	Underground Fiber Optic
Unk	Unknown Utility Line
E	Underground Power Cable
E Duct	Underground Power Cable Duct
T/Tg	Underground Telephone Cable
T/Tg Duct	Underground Telephone Cable Duct
TC	Underground Traffic Control
TC Duct	Underground Traffic Control Duct
CATV	Underground Television Cable
CATV Duct	Underground Television Cable Duct
VS	Vacuum Sewer
W	Water Line *
W Duct	Water Line Duct
Unk	Depicted According To Utility Records **
Unk	Abandoned According To Utility Records **
Unk	According To Miss Utility Information **

* Designate size (Variable from 0.75" to 54")
** Designate type (Unknown line is shown)

NOVA DISTRICT

5/4/2021

General Notes:

Date Of Preliminary Submittal: 03/15/2021
Date Of Final Submittal: TBD

Accumark,Inc. Performed An Underground Utility Designation Effort In 02/2021 Within The Project Limits Specified By The Client.

Accumark, Inc. Does Not Guarantee That Utilities Shown Comprise All Utilities Within The Project Limits Provided By The Client.

Field Designating And Marking Performed By Accumark, Inc. In Accordance With Quality Level B Standards Unless Otherwise Noted Hereon As Quality Levels C Or D.

Quality Control / Quality Assurance Review Performed By Frank R. Richardson, II, L.S. - Accumark, Inc.

The Utility Sizes Shown Herein Are Based On Information Provided By The Utility Company's Owner, By Written Records, By Verbal Information Or By Observed Visual Evidence.

Surveyed Locations Of Designated Utilities May Not Represent The Exact Centerline Of The Utility. Test Holes Will Be Necessary To Identify The Exact Centerline.

Utility Field Location Reference Notes:

All Horizontal And Vertical Survey Data Contained In Utility Mapping File "NV21-004 Accumark Utilities.dgn" Are Referenced To Traverse Stations / Control Points As Shown In A Text File Entitled "19096-005 ADJ TRV Proj Coords.txt" Received Via Email From RDA On 02/25/2021.

At The Time Of Utility File Submittal No Topographic Base Mapping Has Been Provided To Accumark. Accumark Reserves The Right To Review The Utility File And Make Any Appropriate Revisions Once A Base Mapping File Has Been Received. Accumark May Also Remove Any Duplicate Utility Structures Found In The Base Mapping.

Utility Owners

Water & Sewer:
Prince William County Service Authority
Engineering
P.O.Box 2266
4 County Complex Court
Woodbridge,VA 22195-2266
Maureen Knight (703) 335-7930
FAX (703) 335-8933.

Power:
NORTHERN VIRGINIA ELECTRIC COOPERATIVE
Manager Field Services
14500 Minnieville Rd. 22193
Dale Diffenbaugh
Office: 703-392-1720
Ddiffenbaugh@Novec.com

Telecomm:
Verizon
William (Bill) Lacy
Verizon Project Designer / Higtway Relocations
9401 Peabody Street Manassas,VA 20110
office 703/369-9571 fax 703/330-7323
cell 540/520-1905
william.lacy@verizon.com

Comcast
Planning & Design
324 W MAIN ST
CHARLOTTESVILLE,VA
22901
Doug Wright
434-951-3843
DOUGLAS_WRIGHT@comcast.com
NED-BLT_BeltwayRegionDesignRequests@cable.comcast.com

Gas:
Washington Gas
6801 Industrial Road
Springfield,VA
703-750-1000
Maps Administrator 703-750-4745

(A) In Pl. Manhole
Rim = 247.87
Inv. In = 233.29 (From Structure B)
Inv. In = 232.98 (From North)
Inv. Out = 233.09' (To East)

(B) to (A) In Pl. 424LF-8" PVC @ 5.34%
Inv. In = 233.29
Inv. Out = 255.92

(B) In Pl. Manhole
Rim = 268.28
Inv. In = 256.10 (From Structure C)
Inv. Out = 255.92 (To Structure A)

(C) to (B) In Pl. 181LF-8" PVC @ 1.88%
Inv. In = 256.10
Inv. Out = 259.51

(C) In Pl. Manhole
Rim = 272.04
Inv. In = 259.86 (From Structure D)
Inv. Out = 259.51 (To Structure B)

(D) to (C) In Pl. 171LF-8" PVC @ 6.26%
Inv. In = 259.86
Inv. Out = 270.57

(D) In Pl. Manhole
Rim = 283.50
Inv. In = 270.93 (From Structure E)
Inv. In = 271.00 (From Structure F)
Inv. In = 271.00 (From Structure G)
Inv. Out = 270.57 (To Structure C)

(E) to (D) In Pl. 110LF-8" PVC @ 8.75%
Inv. In = 270.93
Inv. Out = 280.55

(E) In Pl. Manhole
Rim = 292.38
Inv. In = 280.58 (From West)
Inv. Out = 280.55 (To Structure D)

(F) In Pl. Manhole
Rim = 298.57
Inv. In = 288.00 (2 Laterals From North)
Inv. Out = 287.74 (To Structure D)

(F) to (D) In Pl. 449LF-8" PVC @ 3.73%
Inv. In = 271.00
Inv. Out = 287.74

(G) In Pl. Manhole
Rim = 299.82
Inv. In = 287.39 (2 Laterals From South)
Inv. Out = 286.97 (To Structure D)

(G) to (D) In Pl. 347LF-8" PVC @ 4.60%
Inv. In = 271.00
Inv. Out = 286.97

(H) In Pl. Manhole
Rim = 244.73
Inv. In = 237.10 (From Structure I)
Inv. Out = 236.81 (To Southeast)

(I) to (H) In Pl. 375LF-8" PVC @ 0.40%
Inv. In = 237.10
Inv. Out = 238.60

(I) In Pl. Manhole
Rim = 247.85
Inv. In = 238.77 (From Structure J)
Inv. Out = 238.60 (To Structure H)

(J) to (I) In Pl. 359LF-8" PVC @ 0.39%
Inv. In = 238.77
Inv. Out = 240.16

(J) In Pl. Manhole
Rim = 252.73
Inv. In = 240.32 (From Structure K)
Inv. Out = 240.16 (To Structure I)

(K) to (J) In Pl. 151LF-8" PVC @ 2.52%
Inv. In = 240.32
Inv. Out = 244.13

(K) In Pl. Manhole
Rim = 251.28
Inv. In = 244.25 (From North)
Inv. Out = 244.13 (To Structure J)

	VDOT PROJECT NO.	SHEET NO.
	0621-076-610 PWCDOT PROJECT NO. SPR2021-___	IF(3)

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.

PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis LS (703) 334-9302 September 2018
DESIGN BY RDA: Mark A.Gunn PE (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100 March 2021

Survey Property Owner Inforamtion

PARCELS 501-568

501
NEIGHBORHOODS V,LLC
PARCEL ID: 7496-84-1827
Instr. *20180403022954
3,7127 Ac. (Record)

502
THE HC LAND COMPANY, LC. PROFIT SHARING PLAN AND TRUST
PARCEL ID: 7496-74-8749
Instr. *20060612008858O
Instr. *20071009011268G
2.24304 Ac. (Record)

503
BENJAMIN B. BISCOE & HEATHER H. BISCOE
PARCEL ID: 7496-74-8982
Instr. *20030221003417S
19,964 Sq. Ft. (Record)

504
DAVID LEROY WILLIAMS & DELANA JEANNE BENTLEY
PARCEL ID: 7496-74-9290
Instr. *20030221003417S
12,762 Sq. Ft. (Record)

505
THADDEUS ANDERSON & KIMBERLY L. KING-ANDERSON
PARCEL ID: 7496-74-9299
Instr. *20030221003417S
11,885 Sq. Ft. (Record)

506
BERT-JAN CUMMINGS & STEPHANIE F. CUMMINGS
PARCEL ID: 7496-74-9506
Instr. *20030221003417S
11,380 Sq. Ft. (Record)

507
ALLEN S. GIBSON, JR. & LATOSHA N. GIBSON
PARCEL ID: 7496-75-9712
Instr. *20030221003417S
11,650 Sq. Ft. (Record)

508
MANOSIJ ROY & SUDIPA CHAKRABARTI
PARCEL ID: 7496-85-0019
Instr. *20030221003417S
11,917 Sq. Ft. (Record)

509
JOHN B. TOLL & CASI L. TOLL
PARCEL ID: 7496-85-0922
Instr. *20030221003417S
12,185 Sq. Ft. (Record)

510
RAMCHANDAR RATTAN &SANDRA C. RATTAN
PARCEL ID: 7496-85-1029
Instr. *20030221003417S
12,352 Sq. Ft. (Record)

511
SALAZAR GERMAN
PARCEL ID: 7496-85-0938
Instr. *20030221003417S
0.2939 AC. (Tax)

512
CESAR JESUS CANTOS CEVALLOS & MARIA FERNANDA CANTOS
PARCEL ID: 7496-85-1145
Instr. *20030221003417S
12,194 Sq. Ft. (Record)

513
BERNARD F. TANWARONG & CHARLOTTE N. DOGO
PARCEL ID: 7496-85-1452
Instr. *20100325002466A
12,073 Sq. Ft. (Record)

514
VICTOR R. PEREZ & NORA L. PEREZ
PARCEL ID: 7496-85-1760
Instr. *20030221003417S
17,199 Sq. Ft. (Record)

515
BIENVENIDO F. NOBLEZADA, II & VERNA EP. NOBLEZADA
PARCEL ID: 7496-85-2377
Instr. *20030221003417S
15,072 Sq. Ft. (Record)

516
JERRY G.LUSTAN & IRIS M. LUSTAN
PARCEL ID: 7496-85-2685
Instr. *20030221003417S
10,795 Sq. Ft. (Record)

517
MEDHAT MOHAMED SALEM & MONA YEHIA ALLAM
PARCEL ID: 7496-85-2891
Instr. *20030221003417S
10,524 Sq. Ft. (Record)

518
MEGAN PLANT
PARCEL ID: 7496-85-3098
Instr. *20030221003417S
10,421 Sq. Ft. (Record)

519
JIANG SHU AI
PARCEL ID: 7496-86-3304
Instr. *20030221003417S
0.2404 AC. (Tax)

520
AIZAZ KHAN
PARCEL ID: 7496-86-3511
Instr. *20030221003417S
10,230 Sq. Ft. (Record)

521
KENNES HENDRICKSON & KAREN MAY HENDRICKSON
PARCEL ID: 7496-86-4116
Instr. *20030221003417S
10,596 Sq. Ft. (Record)

522
RUDDY A. PANIAGUA & ITA PANIAGUA
PARCEL ID: 7496-86-4422
Instr. *20030221003417S
10,283 Sq. Ft. (Record)

523
NESAR A ZIA & SHAFIOA K. ZIA
PARCEL ID: 7496-86-4431
Instr. *20030221003417S
10,313 Sq. Ft. (Record)

524
HEVERT FUENTES
PARCEL ID: 7496-86-4637
Instr. *20030221003417S
10,398 Sq. Ft. (Record)

525
CHUNILAL S. PATEL & DAKSHA PATEL
PARCEL ID: 7496-86-4944
Instr. *20030221003417S
10,607 Sq. Ft. (Record)

526
IMTIAZ CHOHAN & NABIGHA CHOHAN
PARCEL ID: 7496-86-5450
Instr. *20030221003417S
12,323 Sq. Ft. (Record)

527
LANIER FARMS HOMEOWNERS ASSOCIATION
PARCEL ID: 7496-86-6363
Instr. *20030221003417S
12,463 Sq. Ft. (Record)

528
VICKIE MAY GORGONE
PARCEL ID: 7496-86-5881
D.B. 2880 PG. 339
2,1857 AC. (Record)

529
VICKIE MAY GORGONE
PARCEL ID: 7496-87-6903
D.B. 2880 PG. 335
2,7117 AC. (Record)

530
VICKIE MAY GORGONE
PARCEL ID: 7496-87-7828
D.B. 2880 PG. 337
2.5265 AC. (Record)

531
FELISBERTO MAGALHAES, CARLOS MAGALHAES & HORACIO MAGALHAES
PARCEL ID: 7496-87-8746
D.B. 392 PG. 542
1.5232 AC. (Record)

532
ANTHONY LINEHAM & HELEN LINEHAM
PARCEL ID: 7496-87-8960
Instr. *20170622004765G
1.4476 AC. (Record)

533
RICARDO ESPARZA LOPEZ
PARCEL ID: 7496-87-9573
Instr. *20190923006991I
1.6444 AC. (Tax)

534
ANDREW L. JOHNSON
PARCEL ID: 7496-87-9988
D.B. 2797 PG. 148
1.81098 AC. (Record)

535
VICKIE MAY GORGONE
PARCEL ID: 7496-98-0200
D.B. 2880 PG. 341
1.4325 AC. (Tax)

536
JAMES E. QUEEN
PARCEL ID: 7496-97-4556
D.B. 2372 PG. 001
60,750 Sq. Ft. (Record)

537
CHRIS MARKOGIANNAKIS, HELEN MARKOGIANNAKIS, ALEXIS MARKOGIANNAKIS, JOHN MARKOGIANNAKIS, & MICHAEL MARKOGIANNAKIS
PARCEL ID: 7496-97-4544
Instr. *20070824009725S
1.3353 AC. (Tax)

538
JAROLD WRIGHT BUCHANAN & GLENNA UTZ BUCHANAN
PARCEL ID: 7696-97-4232
D.B. 421 PG. 591
51,911 Sq. Ft. (Record)

539
8033 DEVLIN LLC
PARCEL ID: 7696-97-4024
Instr. *20120917008897S
54,550 Sq. Ft. (Record)

540
VIRGINIA B. BUTLER
PARCEL ID: 7696-97-3212
Instr. *
1.2491 AC. (Tax)

541
JEFFREY S. LEWIS
PARCEL ID: 7496-96-2596
Instr. *20021008013097S
2.0 AC. (Record)

542
JEFFREY S. LEWIS
PARCEL ID: 7496-96-1774
Instr. *20020920012121I
5.0 AC. (Record)

543
LANIER FARMS HOMEOWNERS ASSOCIATION
PARCEL ID: 7496-96-4330
Instr. *20030128002102S
144,610 Sq. Ft. (Record)

544
THOMAS P. MAINS IV & JACQUELINE M. MAINS
PARCEL ID: 7496-86-8147
Instr. *20030128002102S
Instr. *20030527009233S
19,897 Sq. Ft. (Record)

545
SOPHIA JEAN-PIERRE
PARCEL ID: 7496-86-7034
Instr. *20030128002102S
Instr. *20030527009233S
17,967 Sq. Ft. (Record)

546
MAISON PERRY K
PARCEL ID: 7496-86-5359
Instr. *20060616009130S
0.2845 Acres

548
HASSAN KOBROSLI
PARCEL ID: 7496-85-5384
Instr. *20030128002102S
Instr. *20030527009233S
15,330 Sq. Ft. (Record)

549
CHRISTOPHER P.LAWRENCE & ROBIN M. LAWRENCE
PARCEL ID: 7496-85-5577
Instr. *20030128002102S
Instr. *20030527009233S
14,237 Sq. Ft. (Record)

550
DANIEL MCLEAN & TRACEY MCLEAN
PARCEL ID: 7496-85-4768
Instr. *20030128002102S
Instr. *20030527009233S
10,000 Sq. Ft. (Record)

551
LANIER FARMS HOMEOWNERS ASSOCIATION
PARCEL ID: 7496-85-4270
Instr. *20030128002102S
1,502 Sq. Ft. (Record)

552
LANIER FARMS HOMEOWNERS ASSOCIATION
PARCEL ID: 7496-85-3653
Instr. *
2,425 Sq. Ft. (Record)

553
KHALID H. KURDO & ROPAK A. KURDO
PARCEL ID: 7496-85-4351
Instr. *20030128002102S
Instr. *20030527009233S
Instr. *20050414005927S
13,220 Sq. Ft. (Record)

554
FREDDIE FLOWERS & MARCIA LYNETTE FLOWERS
PARCEL ID: 7496-85-3941
Instr. *20030128002102S
Instr. *20030527009233S
12,938 Sq. Ft. (Record)

555
MUHAMMED AZHAR IQBAL, ZULIKHA BIBI & HASHIM IQBAL AZHAR
PARCEL ID: 7496-85-3531
Instr. *20030128002102S
Instr. *20030527009233S
17,623 Sq. Ft. (Record)

556
ELI CORY & JENNIFER KALE
PARCEL ID: 7496-85-3421
Instr. *20030128002102S
Instr. *20030527009233S
15,098 Sq. Ft. (Record)

557
HC LAND COMPANY, L.C.
PARCEL ID: 7496-85-3421
Instr. *20040806013387S
Instr. *20040806041338T4
0.34309 AC. (Record)

558
RASHED UDDIN CHOUDHURY & SUHANA CHOWDHURY
PARCEL ID: 7496-85-2705
Instr. *20060330005107I
0.24183 AC. (Record)

559
DAVID GEIGER & ELIZABETH GEIGER
PARCEL ID: 7496-85-2302
Instr. *20040806013387S
13,121 Sq. Ft. (Record)

560
WILLIAM SIDENER & KARA SIDENER
PARCEL ID: 7496-84-1895
Instr. *20030128002102S
Instr. *20030527009233S
13,856 Sq. Ft. (Record)

561
LAURA M. ALARCON ORTIZ
PARCEL ID: 7496-84-1688
Instr. *20030128002102S
Instr. *20030527009233S
13,143 Sq. Ft. (Record)

562
TEUN-MING HO & MEI-JU CHEN
PARCEL ID: 7496-84-1480
Instr. *20030128002102S
Instr. *20030527009233S
12,409 Sq. Ft. (Record)

563
WILLIAM M. KULIK & CATHERINE MUSSETT
PARCEL ID: 7496-84-1372
Instr. *20030128002102S
Instr. *20030527009233S
11,668 Sq. Ft. (Record)

564
ALI AFZAL BAIG & FAIZA JAMIL
PARCEL ID: 7496-84-1462
Instr. *20100600049380
13,887 Sq. Ft. (Record)

565
STEPHEN J. SILER & DEBORAH L. SILER
PARCEL ID: 7496-84-1554
Instr. *20100600049380
11,435 Sq. Ft. (Record)

566
BRIDGETT V. WHITHEAD & JAMAL WHITEHEAD
PARCEL ID: 7496-84-1747
Instr. *20100600049380
10,782 Sq. Ft. (Record)

567
BARTON HARRIS & JENNIFER HARRIS
PARCEL ID: 7496-84-2240
Instr. *20100600049380
14,484 Sq. Ft. (Record)

568
VIRGINIA EAGLE PROPORTIES, LLC
PARCEL ID: 7496-97-6793
Instr. *20191216009283S
14,8444 AC. (Record)

569
HARRIS BARTON & JENNIFER
PARCEL ID: 7496-84-2240
Instr. *20110520004231A
0.3325 AC.

570
WHITEHEAD BRIDGETT V & JAMAL & AARON R
PARCEL ID: 7496-84-1747
Instr. *20141024007723T
0.2475 AC.

571
SILER STEPHEN J & DEBORAH L SILER
PARCEL ID: 7496-84-1554
Instr. *20110728006226I
0.2625 AC.

572
BAIG ALI AFZAL & FAIZA JAMIL
PARCEL ID: 7496-84-1462
Instr. *20190503002950A
0.3188 AC.

NOVA DISTRICT

5/4/2021

MARK A. GUNN
Lic. No. 038323
COMMONWEALTH OF VIRGINIA
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	IF(4)

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

VDOT PROJECT NO.	SHEET NO.
0621-076-610	IF(4)
PWCDOT PROJECT NO. SPR2021-___	

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

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, LS (703) 334-9302; September 2018
DESIGN BY RDA: Mark A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Geometric Data

MARK A. GUNN
Lic. No. 038323
COMMONWEALTH OF VIRGINIA
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	IG

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

Devlin Road (Route 621)

Posted Speed 45 MPH
From Sta.63+45.23 to Sta.94+03.39

Chain RTE621 contains:
CUR RTE621_1 CUR RTE621_4 CUR RTE621_7 CUR RTE621_10 CUR RTE621_13 CUR RTE621_16

Beginning chain RTE621 description
Feature: - 25 Scale Baselines
****

	Curve Data		
Curve RTE621_1			
P.I. Station	60+30.00 N	6,964,482.03 E	11,748,767.69
Delta =	32° 04' 49.62" (LT)		
Degree =	7° 09' 43.10"		
Tangent =	230.00		
Length =	447.93		
Radius =	800.00		
External =	32.41		
Long Chord =	442.10		
Mid.Ord. =	31.15		
P.C. Station	58+00.00 N	6,964,264.23 E	11,748,693.75
P.T. Station	62+47.93 N	6,964,705.84 E	11,748,714.66
C.C. N	6,964,521.41 E	11,747,936.21	
Back = N	18° 45' 06.21" E		
Ahead = N	13° 19' 43.41" W		
Chord Bear = N	2° 42' 41.40" E		

Course from PT RTE621_1 to PC RTE621_4 N 13° 19' 43.41" W Dist 210.03

	Curve Data		
Curve RTE621_4			
P.I. Station	67+01.82 N	6,965,147.50 E	11,748,610.02
Delta =	36° 56' 38.58" (RT)		
Degree =	7° 50' 55.45"		
Tangent =	243.86		
Length =	470.70		
Radius =	730.00		
External =	39.65		
Long Chord =	462.59		
Mid.Ord. =	37.61		
P.C. Station	64+57.96 N	6,964,910.21 E	11,748,666.24
P.T. Station	69+28.66 N	6,965,370.94 E	11,748,707.71
C.C. N	6,965,078.50 E	11,749,376.58	
Back = N	13° 19' 43.41" W		
Ahead = N	23° 36' 55.17" E		
Chord Bear = N	5° 08' 35.88" E		

Course from PT RTE621_4 to PC RTE621_7 N 23° 36' 55.17" E Dist 289.40

	Curve Data		
Curve RTE621_7			
P.I. Station	72+89.84 N	6,965,701.87 E	11,748,852.40
Delta =	4° 21' 47.65" (LT)		
Degree =	3° 02' 28.24"		
Tangent =	71.77		
Length =	143.47		
Radius =	1,884.00		
External =	1.37		
Long Chord =	143.44		
Mid.Ord. =	1.37		
P.C. Station	72+18.07 N	6,965,636.11 E	11,748,823.64
P.T. Station	73+61.54 N	6,965,769.62 E	11,748,876.06
C.C. N	6,966,390.82 E	11,747,097.42	
Back = N	23° 36' 55.17" E		
Ahead = N	19° 15' 07.52" E		
Chord Bear = N	21° 26' 01.34" E		

Course from PT RTE621_7 to PC RTE621_10 N 19° 15' 07.52" E Dist 800.00

	Curve Data		
Curve RTE621_10			
P.I. Station	82+93.58 N	6,966,649.54 E	11,749,183.38
Delta =	8° 21' 13.32" (RT)		
Degree =	3° 10' 08.45"		
Tangent =	132.04		
Length =	263.61		
Radius =	1,808.00		
External =	4.81		
Long Chord =	263.37		
Mid.Ord. =	4.80		
P.C. Station	81+61.54 N	6,966,524.89 E	11,749,139.84
P.T. Station	84+25.15 N	6,966,766.55 E	11,749,244.56
C.C. N	6,965,928.75 E	11,750,846.73	
Back = N	19° 15' 07.52" E		
Ahead = N	27° 36' 20.83" E		
Chord Bear = N	23° 25' 44.17" E		

Course from PT RTE621_10 to PC RTE621_13 N 27° 36' 20.83" E Dist 116.07

	Curve Data		
Curve RTE621_13			
P.I. Station	87+15.06 N	6,967,023.45 E	11,749,378.90
Delta =	3° 21' 29.83" (LT)		
Degree =	0° 57' 58.33"		
Tangent =	17.3.84		
Length =	347.58		
Radius =	5,930.00		
External =	2.55		
Long Chord =	347.53		
Mid.Ord. =	2.55		
P.C. Station	85+41.22 N	6,966,869.40 E	11,749,298.35
P.T. Station	88+88.80 N	6,967,181.95 E	11,749,450.29
C.C. N	6,969,617.28 E	11,744,043.44	
Back = N	27° 36' 20.83" E		
Ahead = N	24° 14' 51.00" E		
Chord Bear = N	25° 55' 35.92" E		

Course from PT RTE621_13 to PC RTE621_16 N 24° 14' 51.00" E Dist 552.56

	Curve Data		
Curve RTE621_16			
P.I. Station	96+10.69 N	6,967,840.16 E	11,749,746.76
Delta =	3° 13' 59.73" (LT)		
Degree =	0° 57' 17.75"		
Tangent =	169.34		
Length =	338.59		
Radius =	6,000.00		
External =	2.39		
Long Chord =	338.54		
Mid.Ord. =	2.39		
P.C. Station	94+41.35 N	6,967,685.76 E	11,749,677.22
P.T. Station	97+79.94 N	6,967,998.24 E	11,749,807.48
C.C. N	6,970,149.84 E	11,744,206.54	
Back = N	24° 14' 51.00" E		
Ahead = N	21° 00' 51.27" E		
Chord Bear = N	22° 37' 51.14" E		

****
Ending chain RTE621 description

Private Entr.7032RT

No Posted Speed
From Sta.10+00.00 to Sta.11+38.33

Chain ENTR7032 contains:
ENTR70321 CUR ENTR7032_3 CUR ENTR7032_6 ENTR70328

Beginning chain ENTR7032 description
Feature: - 25 Scale Baselines
Description: Entr Sta 70+32 Rt
****

Point ENTR70321 N 6,965,465.80 E 11,748,749.18 Sta 10+00.00

Course from ENTR70321 to PC ENTR7032_3 S 75° 17' 51.94" E Dist 58.29

	Curve Data		
Curve ENTR7032_3			
P.I. Station	10+68.98 N	6,965,448.29 E	11,748,815.90
Delta =	24° 07' 39.39" (LT)		
Degree =	114° 35' 29.61"		
Tangent =	10.69		
Length =	21.06		
Radius =	50.00		
External =	1.13		
Long Chord =	20.90		
Mid.Ord. =	1.10		
P.C. Station	10+58.29 N	6,965,451.00 E	11,748,805.57
P.T. Station	10+79.34 N	6,965,450.04 E	11,748,826.44
C.C. S	6,965,499.37 E	11,748,818.25	
Back = S	75° 17' 51.94" E		
Ahead = N	80° 34' 28.67" E		
Chord Bear = S	87° 21' 41.63" E		

Course from PT ENTR7032_3 to PC ENTR7032_6 N 80° 34' 28.67" E Dist 30.27

	Curve Data		
Curve RTE621_16			
P.I. Station	96+10.69 N	6,967,840.16 E	11,749,746.76
Delta =	3° 13' 59.73" (LT)		
Degree =	0° 57' 17.75"		
Tangent =	169.34		
Length =	338.59		
Radius =	6,000.00		
External =	2.39		
Long Chord =	338.54		
Mid.Ord. =	2.39		
P.C. Station	94+41.35 N	6,967,685.76 E	11,749,677.22
P.T. Station	97+79.94 N	6,967,998.24 E	11,749,807.48
C.C. N	6,970,149.84 E	11,744,206.54	
Back = N	24° 14' 51.00" E		
Ahead = N	21° 00' 51.27" E		
Chord Bear = N	22° 37' 51.14" E		

****
Ending chain RTE621 description

Pike Branch Way (Route 3624)

Posted Speed 25 MPH
From Sta.10+00.00 to Sta.12+40.33

Chain RTE3624 contains:
RTE36241 RTE36242

Beginning chain RTE3624 description
Feature: - 25 Scale Baselines
Description: Pike Branch Way
****

Point RTE36241 N 6,966,004.36 E 11,748,958.04 Sta 10+00.00

Course from RTE36241 to RTE36242 S 70° 44' 52.48" E Dist 240.33

Point RTE36242 N 6,965,925.11 E 11,749,184.93 Sta 12+40.33

****
Ending chain RTE3624 description

Fog Light Way (Route 3631)

Posted Speed 25 MPH
From Sta.10+00.00 to Sta.12+41.85

Chain RTE3631 contains:
RTE36311 RTE36312

Beginning chain RTE3631 description
Feature: - 25 Scale Baselines
Description: Fog Light Way
****

Point RTE36311 N 6,966,004.36 E 11,748,958.04 Sta 10+00.00

Course from RTE36311 to RTE36312 N 70° 44' 52.48" W Dist 241.85

Point RTE36312 N 6,966,084.10 E 11,748,729.71 Sta 12+41.85

****
Ending chain RTE3631 description

Private Entr.8793RT

No Posted Speed
From Sta.10+00.00 to Sta.12+25.07

Chain ENTR8793 contains:
ENTR87931 ENTR87932

Beginning chain ENTR8793 description
****

Point ENTR87931 N 6,967,095.71 E 11,749,410.61 Sta 10+00.00

Course from ENTR87931 to ENTR87932 S 67° 58' 34.94" E Dist 223.11

Point ENTR87932 N 6,967,012.05 E 11,749,617.44 Sta 12+23.11

****
Ending chain ENTR8793 description

NOVA DISTRICT

5/4/2021

	VDOT PROJECT NO.	SHEET NO.
	0621-076-610 PWCDOT PROJECT NO. SPR2021-___	IG

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, LS (703) 334-9302; September 2018
DESIGN BY RDA: Mark A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Geometric Data

MARK A. GUNN
Lic. No. 038323
COMMONWEALTH OF VIRGINIA
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	IG(1)

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

Private Entr.8750LT

No Posted Speed
From Sta.10+00.00 to Sta.11+93.15

Chain ENTR8750 contains:
ENTR8750I CUR ENTR8750_3 CUR ENTR8750_6 ENTR87508

Beginning chain ENTR8750 description
Feature: - 25 Scale Baselines
****

Point ENTR8750I N 6,967,056.08 E 11,749,391.82 Sta 10+00.00

Course from ENTR8750I to PC ENTR8750_3 N 64° 24' 41.24" W Dist 53.50

Curve Data
'----------'

Curve ENTR8750_3
P.I. Station 10+77.28 N 6,967,089.46 E 11,749,322.12
Delta = 61° 27' 32.28" (RT)
Degree = 143° 14' 22.02"
Tangent = 23.78
Length = 42.91
Radius = 40.00
External = 6.53
Long Chord = 40.88
Mid.Ord. = 5.62
P.C. Station 10+53.50 N 6,967,079.19 E 11,749,343.56
P.T. Station 10+96.41 N 6,967,113.20 E 11,749,320.89
C.C. N 6,967,115.27 E 11,749,360.84
Back = N 64° 24' 41.24" W
Ahead = N 2° 57' 08.96" W
Chord Bear = N 33° 40' 55.10" W

Course from PT ENTR8750_3 to PC ENTR8750_6 N 2° 57' 08.96" W Dist 41.38

Curve Data
'----------'

Curve ENTR8750_6
P.I. Station 11+61.46 N 6,967,178.17 E 11,749,317.54
Delta = 68° 07' 44.78" (LT)
Degree = 163° 42' 08.02"
Tangent = 23.67
Length = 41.62
Radius = 35.00
External = 7.25
Long Chord = 39.21
Mid.Ord. = 6.01
P.C. Station 11+37.79 N 6,967,154.53 E 11,749,318.76
P.T. Station 11+79.41 N 6,967,185.84 E 11,749,295.16
C.C. N 6,967,152.73 E 11,749,283.81
Back = N 2° 57' 08.96" W
Ahead = N 71° 04' 53.74" W
Chord Bear = N 37° 01' 01.35" W

Course from PT ENTR8750_6 to ENTR87508 N 71° 04' 53.74" W Dist 48.01

Point ENTR87508 N 6,967,201.41 E 11,749,249.74 Sta 12+27.42

****
Ending chain ENTR8750 description

Jenell Dr.(Rte.1705)

Posted Speed 25 MPH
From Sta.10+00.00 to Sta.12+65.56

Chain RTE1705 contains:
RTE1705I RTE17052

Beginning chain RTE1705 description
Feature: - 25 Scale Baselines
Description: Jenell Drive
****

Point RTE1705I N 6,967,698.43 E 11,749,682.90 Sta 10+00.00

Course from RTE1705I to RTE17052 S 64° 53' 26.93" E Dist 265.56

Point RTE17052 N 6,967,585.74 E 11,749,923.37 Sta 12+65.56

****
Ending chain RTE1705 description

Private Entr.1105RT

No Posted Speed
From Sta.10+00.00 to Sta.10+66.53

Chain ENTR11105 contains:
ENTR11105I ENTR11052

Beginning chain ENTR11105 description
Feature: - 25 Scale Baselines
Description: Entr Sta 11+05 Rt
****

Point ENTR11105I N 6,967,653.87 E 11,749,778.00 Sta 10+00.00

Course from ENTR11105I to ENTR11052 S 25° 06' 33.07" W Dist 66.53

Point ENTR11052 N 6,967,593.63 E 11,749,749.77 Sta 10+66.53

****
Ending chain ENTR11105 description

SWM Entr.9041RT

No Posted Speed
From Sta.10+00.00 to Sta.11+51.36

Chain ENTR9041 contains:
ENTR9041101 ENTR9041102

Beginning chain ENTR9041 description
****

Point ENTR9041101 N 6,967,321.25 E 11,749,513.04 Sta 10+00.00

Course from ENTR9041101 to ENTR9041102 S 65° 45' 09.49" E Dist 150.00

Point ENTR9041102 N 6,967,259.65 E 11,749,649.80 Sta 11+50.00

****
Ending chain ENTR9041 description

NOVA DISTRICT

5/4/2021

	VDOT PROJECT NO.	SHEET NO.
	0621-076-610 PWCDOT PROJECT NO. SPR2021-___	IG(1)

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, LS (703) 334-9302; September 2018
DESIGN BY RDA: Mark A. Gunn, PE (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Underground Utilities Test Hole Information

REVISED	STATE	ROUTE	VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	1H

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

PLAN SHEET	TEST HOLE	DISTANCE (FEET)	(1) STATION & ROADWAY	OWNER	TYPE OF FACILITY	(2) ELEV. (FEET)	(3) CONFLICT YES/NO	(4) REMARKS	UTILITY (5) ADJUSTMENT REQUIRED
-	-- (date)	0',Rt.	0+00,Devlin Rd.	N/A	-	-	-	-	-

PLAN SHEETS	TEST HOLES	DISTANCE (FEET)	(1) STATION & ROADWAY	OWNER	TYPE OF FACILITY	(2) ELEV. (FEET)	(3) CONFLICT YES/NO	(4) REMARKS	UTILITY (5) ADJUSTMENT REQUIRED

UTILITY LEGEND

Anchor (for towers)
Camera Pole
EB Electric Box
Electric Guy Pole
Electric Ground Light
Electric Guy Wire
Electric Hand Hole
Electric Meter
Electric Manhole
Electric Marker Post
Electric Pedestal
Electric Stub
End of Information (All Utilities)
Fire Hydrant
Fiber Optic Hand Hole
Fiber Optic Marker
Gas Meter
Gas Manhole
Gas Marker Post
Gas Monitoring Well
Gas Stub
Gas Test Station
Gas Valve
Gas Vent
Gas Well
Irrigation Valve
Light Pole
Luminaire
Unknown Manhole
Post Inspection Valve
Power Pole
Power Riser Pole
Sanitary Flow Arrow
Satellite Dish
Sewer Clean Out
Sanitary Force Main Valve
Sanitary Marker Post
Sanitary Manhole

Sanitary Stub
Steam Manhole
Steam Vent Pipe
Sewer Vent Pipe
Traffic Control Hand Hole
Traffic Control Manhole
TB Telephone Booth
Telephone Guy Pole
Telephone Guy Wire
Test Holes (All Utilities)
Telephone Hand Hole
Telephone Manhole
Telephone Marker Post
Telephone Pole
Telephone Pedestal
Telephone Riser Pole
Traffic Guy Wire
Traffic Signal Guy Pole
Traffic Signal Pole
Traffic Signal Pole w/Luminaire
Telephone Stub
Television Hand Hole
Television Manhole
Television Marker Post
Television Pedestal
Television Stub
Unknown Clean Out
Unknown Hand Hole
Water Blow Off
Water Well
Water Meter
Water Manhole
Water Marker Post
Water Spigot
Water Siamese Connection
Water Stub
Water Valve

CAFO — Fiber Optic Cable Television
CHEM — Chemical Line (above or below ground)
FO Duct — Underground Fiber Optic Duct
FUEL — Fuel Line (above or below ground)
G — Gas Line *
G Duct — Gas Line Duct
SAN — Gravity Sewer *
SFM — Sanitary Force Main *
TCFO — Traffic Control Fiber Optic
T/FO — Telephone Fiber Optic
FO — Underground Fiber Optic
Unk — Unknown Utility Line
E — Underground Power Cable
E Duct — Underground Power Cable Duct
T/Tg — Underground Telephone Cable
T/Tg Duct — Underground Telephone Cable Duct
TC — Underground Traffic Control
TC Duct — Underground Traffic Control Duct
CATV — Underground Television Cable
CATV Duct — Underground Television Cable Duct
VS — Vacuum Sewer
W — Water Line *
W Duct — Water Line Duct
Unk — Depicted According To Utility Records **
Unk — Abandoned According To Utility Records **
Unk — According To Miss Utility Information **

NOTES:

(1) ALL TEST HOLES ARE REFERENCED FROM THE SURVEY BASELINE UNLESS OTHERWISE NOTED.

(2) ELEVATIONS SHOWN HEREON ARE TO THE TOP OF THE FACILITY UNLESS OTHERWISE NOTED.

(3) YES OR NO; NO INDICATES NO DIRECT CONFLICT, HOWEVER, CLEARANCE MAY BE LESS THAN ACCEPTABLE TO UTILITY OWNER.

(4) REMARKS TO INCLUDE CLEARANCE DIMENSION (REGARDLESS OF DISTANCE).

(5) YES OR NO; INFORMATION TO BE PROVIDED BY THE VDOT DISTRICT UTILITY ENGINEER.

UTILITY OWNERS

1. Verizon
Mr. Joe Zych
9401 Peabody Street
Manassas, VA 20110
703.369.9571

2. PWC Service Authority
Maureen Knight
4 County Complex Court
Woodbridge, VA 22195
703.335.7930

3. Northern Virginia Electric Copperative (NOVEC)
Dale Diffenbauch
14500 Minnieville Rd.
Prince William, VA 22193
703.392.1720

4. Comcast
Doug Write
324 W. Main Street
Charlottsville, VA 22901
434.951.3843

5. Washington Gas
Mr. Roger Gault
6801 Industrial Road
Springfield, VA 22151
703.750.1000

NOTE: SEE UTILITY RELOCATION PLANS, 14 THRU 14(8), FOR TEST PIT LOCATIONS.

Miss Utilitiy's Telephone Numbers
Miss Utility ____ 1-800-552-7001
Check Ticket Status ____ 1-800-552-3120

Miss Utility's Service is Free
Miss Utility Provides Emergency Service
365 Days a Year, 24 Hours a Day

NOVA DISTRICT

5/4/2021

VDOT PROJECT NO.	SHEET NO.
0621-076-610 PWCDOT PROJECT NO. SPR2021-___	1H

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DESIGN BY RDA: Mark A.Gunn PE (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

VDOT General Notes

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	2

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

GRADING

G-1 The grade line denotes top of finished pavement unless shown otherwise on typical sections or plans.
G-3 Earthwork quantities on this project are based on anticipated settlement and may require adjusting during construction. Payment will be made only for quantities actually moved.
G-4 The cost of removal of all existing concrete items located in the area to be graded, including, but not limited to the following, shall be included in the price bid for regular excavation: _____
G-5 The excavation of unsuitable material as specified on these plans is based on previously conducted subsurface soil investigation. If, during construction, it is deemed necessary to change the depth more than one foot, or the limits of such excavation, such change is to be made at the direction of the Engineer and measurement and payment shall be made in accordance with Section 303 of the applicable VDOT Road and Bridge Specifications.
G-6 The borrow material for this project shall be a minimum CBR XX or as approved by the Materials Engineer.
G-7 Material from regular excavation which is suitable for stabilization with hydraulic cement (lime) shall be placed in the top portion of the subgrade.

PAVEMENT

P-1 If any settlement occurs in concrete pavement adjacent to bridges prior to acceptance of the project by the Department, the contractor shall restore the pavement to the original grade either by the mud jack method or by replacing the pavement. In the event the pavement cracks or becomes damaged, it shall be replaced, if directed by the Engineer.
P-2 The pavement materials on this project will be paid for on a tonnage basis. The weight will vary in accordance with the specific gravity of the aggregates and the asphaltic content of the mix actually used to secure the design depth. The weight of the asphalt concrete is based on 95% of the theoretical maximum density.

INCIDENTALS

I-5 That portion of the right of way lying within the Clear Zone or within a minimum of 10 feet from the edge of pavement or surfacing or within the limits of the construction slopes beyond 10 feet, shall be cleared and grubbed in accordance with the applicable VDOT Road and Bridge Specifications, Section 301, where sufficient right of way or construction easement is provided.
I-6 Certain trees shall be preserved as noted on plans or as directed by the Engineer.
I-7 Where Standard slope roundoffs would damage trees, bushes or other desirable vegetation, they shall be omitted when so ordered by the Engineer.
I-9 When no centerline alignment is shown for a proposed entrance, the entrance shall be constructed in the same location as the existing entrance.
I-12 St'd. RM-2 right of way monuments shall be set by the Contractor.
I-14 Salvaged guardrail materials not used in the new construction shall become the property of the Contractor and shall be disposed of at a licensed landfill, recycled or be retained by the Contractor.
I-16 The "underground utilities" survey data on this project has been provided by consultant and copies are available from the Department.
I-17 For method of constructing Straight-Line Taper Lanes in curb and/or curb and gutter sections, see typical details on Sheet ____.
I-18 All pavement markings and traffic flow arrows shown on the roadway construction plans are schematic only. The actual location and application of pavement markings shall be in accordance with Section 704 of the applicable VDOT Road and Bridge Specifications, MUTCD, sequence of construction/ traffic control plans, pavement marking plan sheets ... thru ... and as directed by the Engineer.
I-19 The following outside sources, under contract with VDOT, have provided information on this project.

Hydraulic Design	- Rinker Design Assoc., P.C.
Roadway Design	- Rinker Design Assoc., P.C.
Utility Design	- Rinker Design Assoc., P.C. & Utility Companies (See Plans)
Utility Designation	- Accumark Inc.
Utility Location	- Accumark & Rinker Design Assoc., P.C.
Survey	- McKenzie Snyder, Inc. & Rinker Design Assoc., P.C.
Bridge Design	- Not Applicable
Traffic Design	- Rinker Design Assoc., P.C.
Landscape Design	- Not Applicable

If questions or problems arise during construction, please contact the Area Construction Engineer. DO NOT CONTACT THE OUTSIDE SOURCES.
I-20 The Official Electronic PDF Version of the plans will override the paper copies or prints of specific layers.

Portions of this plan assembly have been CADD generated. To assist in the preparation of the bid and construction of the project, Microstation format (.dgn) files will be made available to the prime contractor during bids and after award of the contract.
I-21 All electronic plan assemblies will include the construction plans in two formats: PDF files and MicroStation format (.dgn) files. Only the PDF files will be considered as part of the official plan assembly.

The MicroStation format (.dgn) files are furnished only as information for the contractor. These plans are developed in layers (levels) to aid in readability. (See the VDOT CADD Manual for CADD Level Structure). However, the construction items may or may not be in the proper layering scheme as described in the VDOT CADD Manual. The Microstation files will only match the scanned files if all required levels are turned on. A Microstation Software license is required to be able to read these files.

STORMWATER MANAGEMENT

S-1 CLEARING AND GRUBBING OF SWM BASIN SITE - The area where the dam is to be constructed and the area upstream of the dam, to an elevation equal to the crest of the dam (maximum ponded water elevation), shall be cleared and grubbed in accordance with Section 301 of the applicable VDOT Road and Bridge Specifications.
S-2 SWM BASIN DAM CONSTRUCTION - The dam for detention basins (no permanent pool) shall conform to the details contained in the plans and shall be constructed in accordance with Section 303 of the applicable VDOT Road and Bridge Specifications. The native material on which the dam will set shall meet the specifications for AASHTO Type A-4 or finer material. Where the native material does not meet this requirement, the area beneath the dam is to be excavated a minimum of 4' and backfilled with a material meeting the AASHTO Type A-4 or finer classification unless otherwise specified in the plans. The material used for the embankment of the dam shall be AASHTO Type A-4 or finer or otherwise specified in the plans. Dams with foundation and embankment material not meeting the above requirements or dams greater than 15' in height, or dams for retention basins (permanent pool) shall incorporate a membrane-lined trench, a homogenous embankment with seepage controls, a zoned embankment or other such approved designs as specified in the plans.
S-3 SWM BASIN OUTLET PIPE - The pipe culvert under or through the dam for detention basins (no permanent pool) shall be reinforced concrete pipe with rubber gaskets in accordance with Section 232 and 212 of the applicable VDOT Road and Bridge Specifications. A concrete cradle shall extend the full length of the pipe culvert in accordance with the Standard Drawings. The connection between the pipe culvert and the SWM-1 Drainage Structure (or other control structure) shall be made watertight as approved by the Engineer and the cost shall be included in the price bid for pipe.
S-4 The SWM-1 Drainage Structure (or other control structure) shall have 4" high numbers and 1" wide stripes painted at 1' intervals as shown on the Standard Drawings or detail sheets. The numbers and stripes are to be installed at the time of the initial installation of the SWM-1 Drainage Structure (or other control structure). Paint and application shall be in accordance with Section 231 and 411 of the applicable VDOT Road and Bridge Specifications and the cost is to be included in the price bid for the applicable structure.
S-5 All SWM Basins designated for use as temporary sediment basins shall be constructed during the initial phase of earth moving activities or as specified by the plans or directed by the Engineer. During project construction, the SWM-1 Drainage Structure (or other control structure) shall be modified in accordance with the Standard Drawings or plan details in order to provide a temporary sediment basin with both a "wet" storage volume (permanent pool) and a "dry" storage volume. Sediment accumulated in the basin shall be removed when the volume of the "wet" storage (permanent pool) has been reduced by 50%. Sediment shall be disposed of in accordance with Section 106.04 of the applicable VDOT Road and Bridge Specifications. When project construction is complete to a stage where no additional sediment from the project is expected to enter the basin, as determined by the Engineer, the basin shall be cleaned out and restored to the original design elevations, the area stabilized and all temporary modifications to the SWM-1 Drainage Structure (or other control structure) removed.

DRAINAGE

D-1 The horizontal location of all drainage structures shown on these plans is approximate only, with the exception of structures showing specific stations, special design bridges and storm sewer systems.
D-2 The horizontal location and invert elevations shown for proposed culverts and storm sewer outfall pipes are based on existing survey data and required design criteria. If during construction, it is found that the horizontal location or invert elevations shown on the plans differ significantly from the horizontal location or elevations of the stream or swale in which the culvert or storm sewer outfall pipe is to be placed, the Engineer shall confer with, and get approval from, the applicable District Drainage Engineer before installing the culvert or storm sewer outfall pipe.
D-3 The "H" dimensions shown on plans for drop inlets and junction boxes and the "L.F. " dimensions shown for manholes are for estimating purposes and are based on the proposed invert elevations shown for the structure and the anticipated top (rim) elevation based on existing or proposed finished grade. The actual "H" or "L.F. " dimensions are to be determined by the contractor from field conditions.
D-6 Pipes shall conform to any of the allowable types shown on sheet number XX, within the applicable height of cover limitations.
For strength, sheet thickness, or class designation: available sizes: height of cover limitations: and other restrictions for a particular pipe type or height of cover, see the VDOT Road and Bridge Standard PC-1. Structural plate pipe may be substituted for corrugated pipe of the same size, provided the substitution complies with the applicable sections of the VDOT Road and Bridge Standards PC-1.
D-10 The proposed riprap may be omitted by the Engineer if the slope designated for placement of riprap is found to be comprised of solid rock or closely consolidated boulders with soundness, size and weight equal to, or exceeding, the specifications for the proposed riprap.
D-11 The proposed granular filter blanket for the proposed riprap may be omitted by the Engineer if the slope on which it is to be placed is found to be comprised of material which is coarser than that specified for the proposed granular filter blanket.
D-12 All existing drainage facilities labeled "To Be Abandoned" shall be left in place, backfilled and plugged in accordance with the VDOT Road and Bridge Standard PP-1. Basis of Payment will be C.Y. of Flowable Backfill.
D-13 Existing drainage facilities being utilized as a part of the drainage system, and designated on the plans "To Be Cleaned Out" shall be cleaned as directed by the Engineer. The cost incidental to this shall be included in the contract price for other items.
D-14 Proposed drop inlets with a height (H) less than the standard minimum shown in the VDOT Road and Bridge Standards shall be considered and paid for as Standard Drop Inlets for the type specified. Pipes with less than standard minimum finished height of cover shall be noted as such in the drainage description for the pipe. Specific pipe bedding and cover requirements are provided in the applicable PB-1 and PC-1 standard drawings of the VDOT Road and Bridge Standards.
D-16 When CG-6 or CG-7 is specified on a radius (such as at a street intersection), the Engineer may approve a decrease in the cross slope of the gutter to facilitate proper drainage.
D-17 St'd. SL-1 Safety Slab locations are based on the assumed use of precast structures. If cast-in-place structures are utilized, and the interior chamber dimensions (length and width, or diameter) are less than 4 feet, the safety slabs shall not be installed.

EROSION AND SEDIMENT CONTROL (ESC)

E-1 If the removal of Brush Silt Barrier is specified by the plans or required by the Engineer, the cost of removal and disposal of brush shall be in accordance with Section 109 of the applicable VDOT Road and Bridge Specifications.
E-2 Rock for Check Dams, Inlet Protection, Erosion Control Stone and Riprap shall be in accordance with Section 203 and Section 414 of the applicable VDOT Road and Bridge Specifications.
E-3 The following symbols are used to depict Erosion Control items in the plan assembly:

EC-2, Ty. 1 / EC-2, Ty. 2 / EC-2, Ty. 3 / EC-2, Ty. 4	Denotes Rolled Erosion Control Product, Temporary, St'd. EC-2 Type 1, 2, 3 or 4
EC-3, Ty. 1 / EC-3, Ty. 2 / EC-3, Ty. 3	Denotes Rolled Erosion Control Product, Permanent, St'd. EC-3 Type 1, 2 or 3
TSF-A / TSF-B	Denotes Temporary Silt Fence, St'd EC-5 Type A or B
TDC	Denotes Temporary Diversion Channel, St'd EC-12
DD	Denotes Temporary Diversion Dike, St'd EC-9
TC-I	Denotes Turbidity Curtain, Type - Impervious
TC-P	Denotes Turbidity Curtain, Type - Pervious
RCD-1	Denotes Rock Check Dam, Type I: St'd EC-4
RCD-2	Denotes Rock Check Dam, Type II: St'd EC-4
IP-A	Denotes Inlet Protection, Type A: St'd EC-6
IP-B	Denotes Inlet Protection, Type B: St'd EC-6
TSI	Denotes Slope Interrupter: St'd EC-15

E-4 Permanent vegetation shall be established on all denuded areas not otherwise stabilized with non-erodible materials. See the Roadside Development Sheet for details on permanent vegetation establishment.

NOVA DISTRICT

5/4/2021

	VDOT PROJECT NO.	SHEET NO.
	0621-076-610 PWCDOT PROJECT NO. SPR2021-___	2

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.

PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, LS (703) 334-9302; September 2018
DESIGN BY RDA: Mark A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Typical Sections

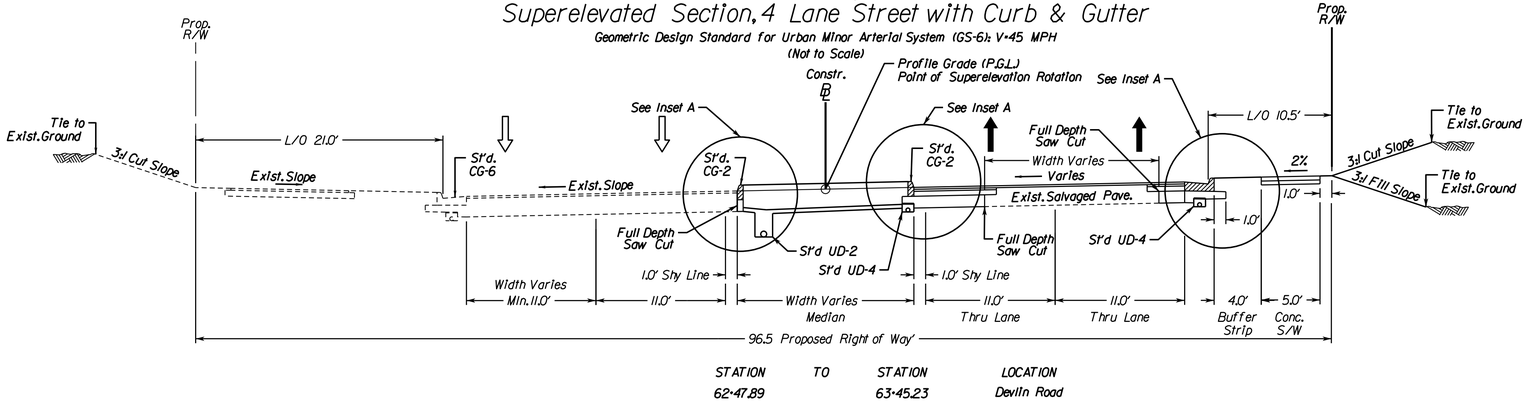
COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	2A

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

Devlin Road, Rte. 621
Superelevated Section, 4 Lane Street with Curb & Gutter
Geometric Design Standard for Urban Minor Arterial System (GS-6): V=45 MPH
(Not to Scale)

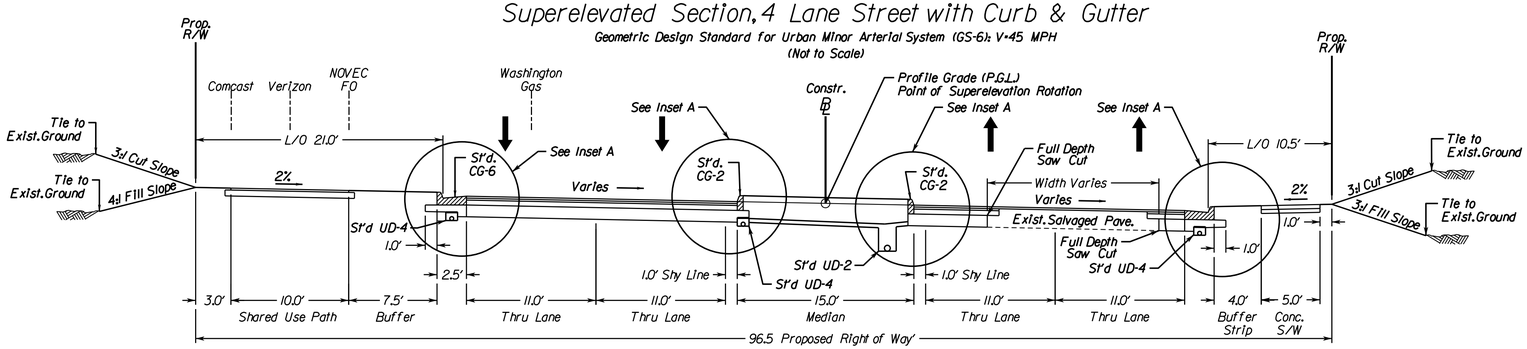


STATION	TO	STATION	LOCATION
62+47.89		63+45.23	Devlin Road

INSET A

PAVEMENT DETAILS TO BE ADDED FOLLOWING GEOTECHNICAL INVESTIGATION

Devlin Road, Rte. 621
Superelevated Section, 4 Lane Street with Curb & Gutter
Geometric Design Standard for Urban Minor Arterial System (GS-6): V=45 MPH
(Not to Scale)



STATION	TO	STATION	LOCATION
63+45.23		66+25.00	Devlin Road
86+75.00		94+03.39	Devlin Road

INSET LEGEND

(1) Surface Course / Mill & Overlay: (1.5") Asph. Conc. Seal Coat, Type SM-9.5D	(3A) Base Course: (8.0") Asphalt Concrete Type BM-25.0A	(6) Existing Asphalt and Subbase Pavement Layers
(1A) Surface Course / Mill & Overlay: (2.0") Asphalt Concrete Type SM-9.5D	(4) Subbase Course: (12.0") Aggregate Base Mat'l Type I, No. 21B	(7) Subbase Course: (6.0") Aggregate Base Mat'l Type I, No. 21B extended 6" either side of the surface.
(1B) Surface Course: (2.0") Asphalt Concrete Type SM-9.5A	(4A) Subbase Course: (Variable Depth) Plain Aggregate, Type I, Size No. 21-B	(8) Regular Fill Material to be compacted in accordance with VDOT Road and Bridge Specifications
(2) Intermediate Course: (2.0") Asphalt Concrete Type IM-19.0A	(5) Surface: (4.0") Hydraulic Cement Concrete, Class A3	
(3) Base Course: (5.0") Asphalt Concrete Type BM-25.0A	(5A) Base: (4.0") Aggregate Base Mat'l Type I, No. 21A or No. 21B extended 4" beyond either side of surface	

TYPICAL SECTION NOTES

1. Pavement widening to be performed in accordance with VDOT St'd. WP-2
2. St'd. UD-4 Req'd., see plan sheets for detailed locations.
3. St'd. UD-2 Req'd., see plan sheets for detailed locations.
4. When widening existing pavement, the pavement subgrade slope shall be designed such that the existing pavement subbase material can properly drain to a standard UD-4 edge drain.
5. When widening the existing pavement the bottom of the new BM-25.0A shall be placed even with the bottom of the existing base asphalt.
6. The final surface course shall be placed in continuous operation across the full pavement width after all previous layers have been completed and shall include all areas where eradication of existing pavement markings have been performed for temporary tie-ins.
7. Where the existing pavement is to be widened, all existing pavement edgedrains (UD-4) shall be removed.
8. When liquid asphalt is used as a curing material for the cement stabilized course, it shall be liquid asphalt CRS-1, CR-1h or CMS-2 applied at a rate of 0.2 gal/sy. Where necessary for maintenance of traffic, cover material consisting of No. 10 Aggregate or Grading B Sand shall be applied at a rate of 10 lbs./sy.
9. All existing paved shoulders and existing gore areas shall be cut with a smooth vertical face to expose the original mainline pavement structure, demolished and reconstructed with the mainline pavement sections identified above. A note shall be added to the plans indicating that the Prince William County Engineer shall be notified if less than 11.5" of asphalt concrete is encountered along edge lines of mainline pavements prior to widening.
10. In locations where the proposed grade will be more then 1.5" but less than 3.5" above the existing pavement surface, the existing pavement surface should be milled sufficiently to provide enough depth for the installation of the surface and intermediate courses provided in the pavement design. Where intermediate pavement is required for buildup it shall be placed in a uniform layer across the full pavement width.

VDOT PROJECT NO.	SHEET NO.
0621-076-610	2A
PWCDOT PROJECT NO. SPR2021-___	

NOVA DISTRICT

5/4/2021

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

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PFI PLANS

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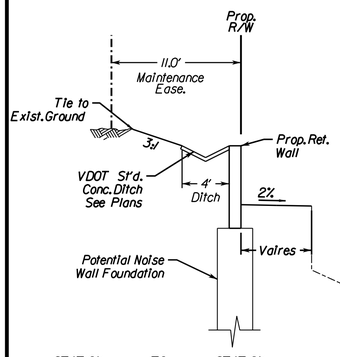
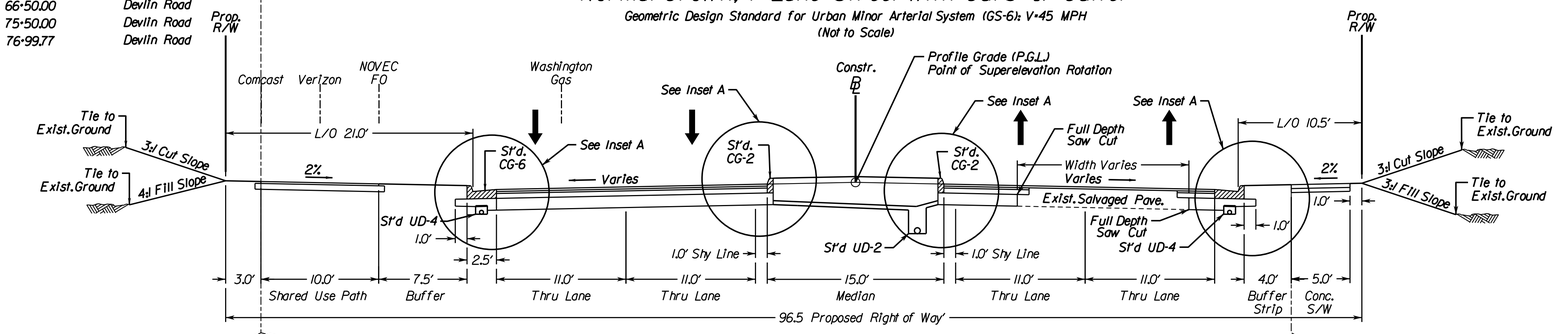
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Typical Sections

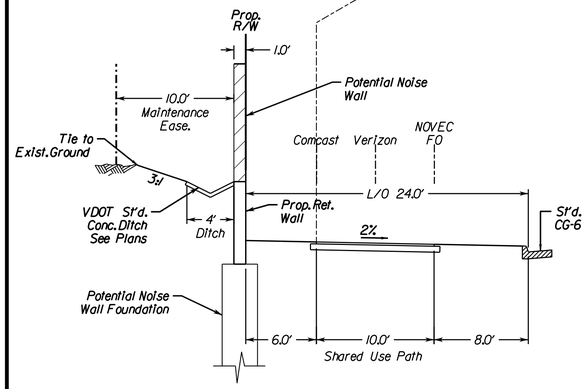


STATION	TO	STATION	LOCATION
66+25.00		66+50.00	Devlin Road
75+08.70		75+50.00	Devlin Road
76+55.00		76+99.77	Devlin Road

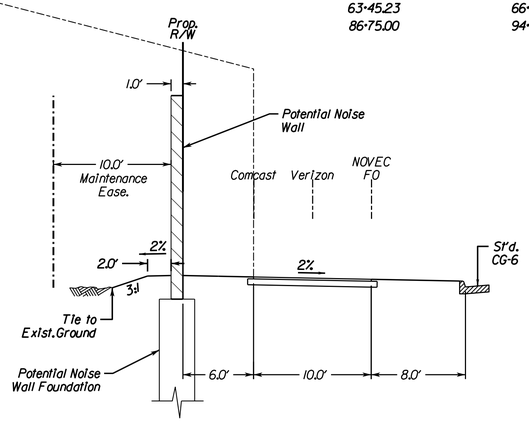
Devlin Road, Rte. 621
Normal Crown, 4 Lane Street with Curb & Gutter
Geometric Design Standard for Urban Minor Arterial System (GS-6): V=45 MPH
(Not to Scale)



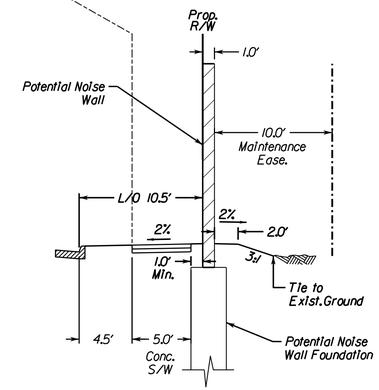
STATION	TO	STATION	LOCATION
63+45.23		66+25.00	Devlin Road
86+75.00		94+03.39	Devlin Road



STATION	TO	STATION	LOCATION
XXX		85+00.00	Devlin Road



STATION	TO	STATION	LOCATION
85+00.00		86+75.00	Devlin Road



STATION	TO	STATION	LOCATION
62+75.14		86+75.00	Devlin Road

INSET A

PAVEMENT DETAILS TO BE ADDED FOLLOWING GEOTECHNICAL INVESTIGATION

INSET LEGEND

(1) Surface Course / Mill & Overlay: (1.5") Asph. Conc. Seal Coat, Type SM-9.5D	(3A) Base Course: (8.0") Asphalt Concrete Type BM-25.0A	(6) Existing Asphalt and Subbase Pavement Layers
(1A) Surface Course / Mill & Overlay: (2.0") Asphalt Concrete Type SM-9.5D	(4) Subbase Course: (12.0") Aggregate Base Mat'l Type I, No. 21B	(7) Subbase Course: (6.0") Aggregate Base Mat'l Type I, No. 21B extended 6" either side of the surface.
(1B) Surface Course: (2.0") Asphalt Concrete Type SM-9.5A	(4A) Subbase Course: (Variable Depth) Plain Aggregate, Type I, Size No. 21-B	(8) Regular Fill Material to be compacted in accordance with VDOT Road and Bridge Specifications
(2) Intermediate Course: (2.0") Asphalt Concrete Type IM-19.0A	(5) Surface: (4.0") Hydraulic Cement Concrete, Class A3	
(3) Base Course: (5.0") Asphalt Concrete Type BM-25.0A	(5A) Base: (4.0") Aggregate Base Mat'l Type I, No. 21A or No. 21B extended 4" beyond either side of surface	

TYPICAL SECTION NOTES

1. Pavement widening to be performed in accordance with VDOT Std. WP-2
2. Std. UD-4 Req'd., see plan sheets for detailed locations.
3. Std. UD-2 Req'd., see plan sheets for detailed locations.
4. When widening existing pavement, the pavement subgrade slope shall be designed such that the existing pavement subbase material can properly drain to a standard UD-4 edge drain.
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COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	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

NOVA DISTRICT

5/4/2021

VDOT PROJECT NO.	SHEET NO.
0621-076-610 PWCDOT PROJECT NO. SPR2021-___	2A(1)

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

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PFI PLANS

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SURVEYED BY, DATE RDA: Nicholas Kougoulis, LS (703) 334-9302; September 2018
DESIGN BY RDA: Mark A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Typical Sections

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
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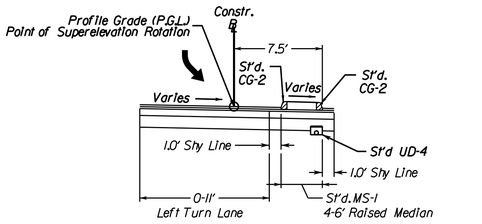
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	2A(2)

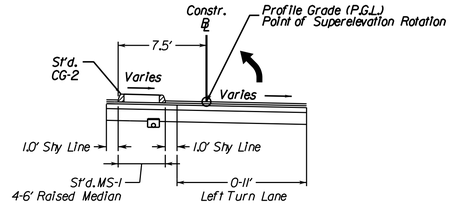
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

SB Left Turn Lane
Variable Slope
(Not to Scale)



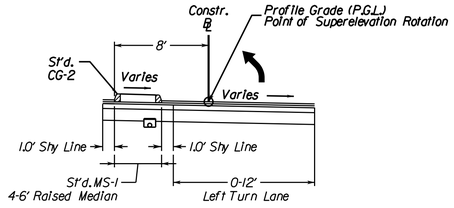
STATION	TO	STATION	LOCATION
71+89.16		75+08.60	Devlin Road

NB Left Turn Lane
Variable Slope
(Not to Scale)



STATION	TO	STATION	LOCATION
77+04.13		80+04.67	Devlin Road

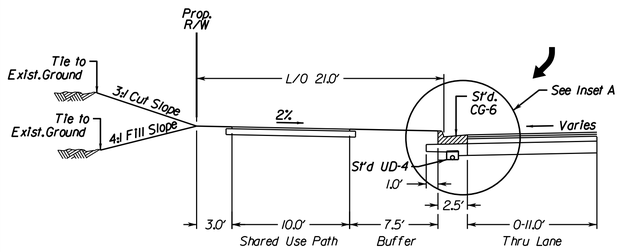
NB Left Turn Lane
Variable Slope
(Not to Scale)



STATION	TO	STATION	LOCATION
92+13.00		94+10.67	Devlin Road

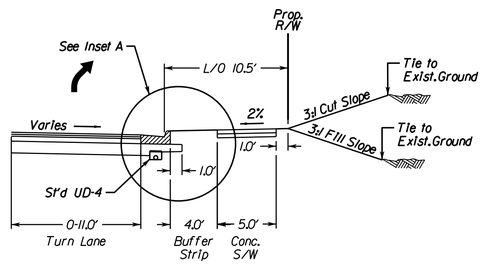
INSET A

SB Right Turn Lane
Variable Slope
(Not to Scale)



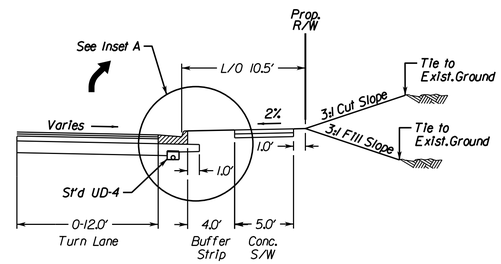
STATION	TO	STATION	LOCATION
76+79.15		80+86.18	Devlin Road

NB Right Turn Lane
Variable Slope
(Not to Scale)



STATION	TO	STATION	LOCATION
71+07.34		75+42.90	Devlin Road

NB Right Turn Lane
Variable Slope
(Not to Scale)



STATION	TO	STATION	LOCATION
71+07.34		94+03.39	Devlin Road

TYPICAL SECTION NOTES

1. Pavement widening to be performed in accordance with VDOT St'd.WP-2
2. St'd.UD-4 Req'd., see plan sheets for detailed locations.
3. St'd.UD-2 Req'd., see plan sheets for detailed locations.
4. When widening existing pavement, the pavement subgrade slope shall be designed such that the existing pavement subbase material can properly drain to a standard UD-4 edge drain.
5. When widening the existing pavement the bottom of the new BM-25.0A shall be placed even with the bottom of the existing base asphalt.
6. The final surface course shall be placed in continuous operation across the full pavement width after all previous layers have been completed and shall include all areas where eradication of existing pavement markings have been performed for temporary tie-ins.
7. Where the existing pavement is to be widened, all existing pavement edgedrains (UD-4) shall be removed.
8. When liquid asphalt is used as a curing material for the cement stabilized course, it shall be liquid asphalt CRS-1, CR-1h or CMS-2 applied at a rate of 0.2 gal/sy. Where necessary for maintenance of traffic, cover material consisting of No.10 Aggregate or Grading B Sand shall be applied at a rate of 10 lbs./sy.
9. All existing paved shoulders and existing gore areas shall be cut with a smooth vertical face to expose the original mainline pavement structure, demolished and reconstructed with the mainline pavement sections identified above. A note shall be added to the plans indicating that the Prince William County Engineer shall be notified if less than 11.5" of asphalt concrete is encountered along edge lines of mainline pavements prior to widening.
10. In locations where the proposed grade will be more then 1.5" but less than 3.5" above the existing pavement surface, the existing pavement surface should be milled sufficiently to provide enough depth for the installation of the surface and intermediate courses provided in the pavement design. Where intermediate pavement is required for buildup it shall be placed in a uniform layer across the full pavement width.

INSET LEGEND

(1) Surface Course / Mill & Overlay: (1.5") Asph.Conc. Seal Coat, Type SM-9.5D	(3A) Base Course: (8.0") Asphalt Concrete Type BM-25.0A	(6) Existing Asphalt and Subbase Pavement Layers
(1A) Surface Course / Mill & Overlay: (2.0") Asphalt Concrete Type SM-9.5D	(4) Subbase Course: (12.0") Aggregate Base Mat'l Type I, No. 21B	(7) Subbase Course: (6.0") Aggregate Base Mat'l Type I, No. 21B extended 6" either side of the surface.
(1B) Surface Course: (2.0") Asphalt Concrete Type SM-9.5A	(4A) Subbase Course: (Variable Depth) Plain Aggregate, Type I, Size No. 21-B	(8) Regular Fill Material to be compacted in accordance with VDOT Road and Bridge Specifications
(2) Intermediate Course: (2.0") Asphalt Concrete Type IM-19.0A	(5) Surface: (4.0") Hydraulic Cement Concrete, Class A3	
(3) Base Course: (5.0") Asphalt Concrete Type BM-25.0A	(5A) Base: (4.0") Aggregate Base Mat'l Type I, No. 21A or No. 21B extended 4" beyond either side of surface	

VDOT PROJECT NO.	SHEET NO.
0621-076-610	2A(2)
PWCDOT PROJECT NO. SPR2021-___	

NOVA DISTRICT

5/4/2021

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COMMONWEALTH OF VIRGINIA
PROFESSIONAL ENGINEER

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Manassas, Virginia
(RESPONSIBLE ENGINEER)

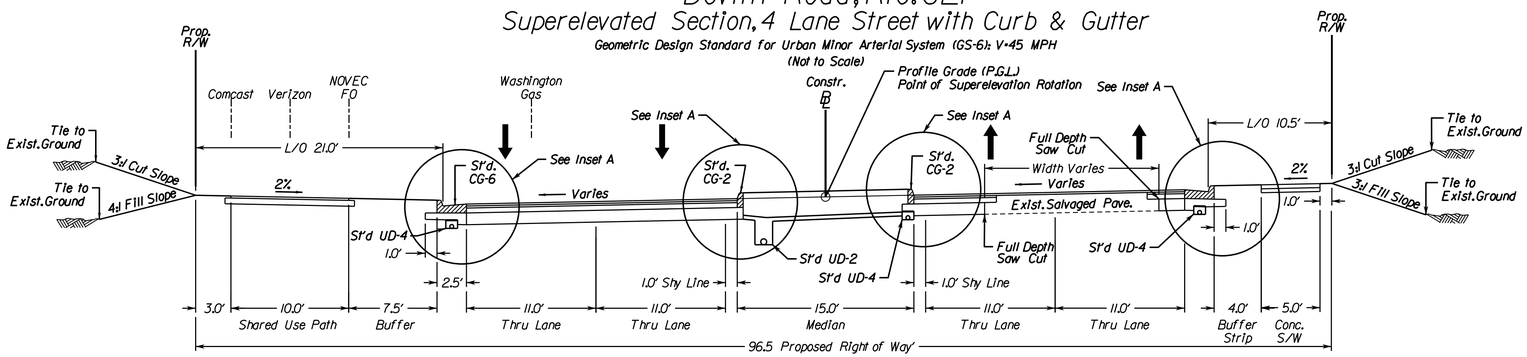
REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	2A(3)

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

Devlin Road, Rte. 621

Superelevated Section, 4 Lane Street with Curb & Gutter

Geometric Design Standard for Urban Minor Arterial System (GS-6); V=45 MPH
(Not to Scale)

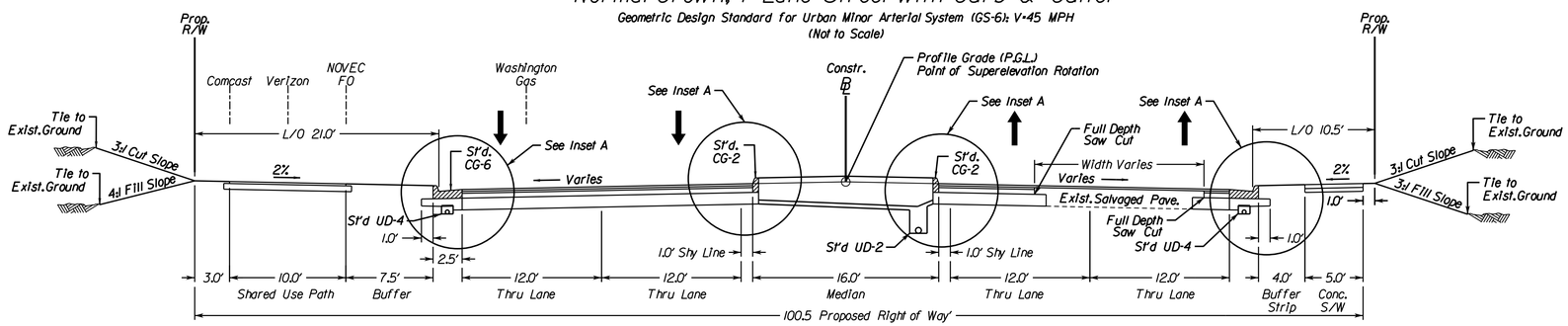


STATION	TO	STATION	LOCATION
63+45.23		66+25.00	Devlin Road
86+75.00		94+03.39	Devlin Road

Devlin Road, Rte. 621

Normal Crown, 4 Lane Street with Curb & Gutter

Geometric Design Standard for Urban Minor Arterial System (GS-6); V=45 MPH
(Not to Scale)



STATION	TO	STATION	LOCATION
91+04.69		94+03.39	Devlin Road

INSET A

PAVEMENT DETAILS TO BE ADDED FOLLOWING GEOTECHNICAL INVESTIGATION

INSET LEGEND

1. Surface Course / Mill & Overlay: (1.5") Asph. Conc. Seal Coat, Type SM-9.5D
1A. Surface Course / Mill & Overlay: (2.0") Asphalt Concrete Type SM-9.5D
1B. Surface Course: (2.0") Asphalt Concrete Type SM-9.5A
2. Intermediate Course: (2.0") Asphalt Concrete Type IM-19.0A
3. Base Course: (5.0") Asphalt Concrete Type BM-25.0A
3A. Base Course: (8.0") Asphalt Concrete Type BM-25.0A
4. Subbase Course: (12.0") Aggregate Base Mat'l Type I, No. 21B
4A. Subbase Course: (Variable Depth) Plain Aggregate, Type I, Size No. 21-B
5. Surface: (4.0") Hydraulic Cement Concrete, Class A3
5A. Base: (4.0") Aggregate Base Mat'l Type I, No. 21A or No. 21B extended 4" beyond either side of surface
6. Existing Asphalt and Subbase Pavement Layers
7. Subbase Course: (6.0") Aggregate Base Mat'l Type I, No. 21B extended 6" either side of the surface.
8. Regular Fill Material to be compacted in accordance with VDOT Road and Bridge Specifications

TYPICAL SECTION NOTES

1. Pavement widening to be performed in accordance with VDOT Std. WP-2
2. Std. UD-4 Req'd., see plan sheets for detailed locations.
3. Std. UD-2 Req'd., see plan sheets for detailed locations.
4. When widening existing pavement, the pavement subgrade slope shall be designed such that the existing pavement subbase material can properly drain to a standard UD-4 edge drain.
5. When widening the existing pavement the bottom of the new BM-25.0A shall be placed even with the bottom of the existing base asphalt.
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8. When liquid asphalt is used as a curing material for the cement stabilized course, it shall be liquid asphalt CRS-1, CR-1h or CMS-2 applied at a rate of 0.2 gal/sy. Where necessary for maintenance of traffic, cover material consisting of No. 10 Aggregate or Grading B Sand shall be applied at a rate of 10 lbs./sy.
9. All existing paved shoulders and existing gore areas shall be cut with a smooth vertical face to expose the original mainline pavement structure, demolished and reconstructed with the mainline pavement sections identified above. A note shall be added to the plans indicating that the Prince William County Engineer shall be notified if less than 11.5" of asphalt concrete is encountered along edge lines of mainline pavements prior to widening.
10. In locations where the proposed grade will be more then 1.5" but less than 3.5" above the existing pavement surface, the existing pavement surface should be milled sufficiently to provide enough depth for the installation of the surface and intermediate courses provided in the pavement design. Where intermediate pavement is required for buildup it shall be placed in a uniform layer across the full pavement width.

VDOT PROJECT NO.	SHEET NO.
0621-076-610	2A(3)
PWCDOT PROJECT NO. SPR2021-___	

NOVA DISTRICT

5-4-2021

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.

PFI PLANS

PROJECT MANAGER _PWCDOT: Khattab Shammout, P.E. (703) 792-7193 _____
SURVEYED BY, DATE _RDA: Nicholas Kougoulis, LS. (703) 334-9302; September 2018
DESIGN BY RDA: Mark A.Gunn, P.E. (703) 334-9288 _____.
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021 ____.

Typical Sections

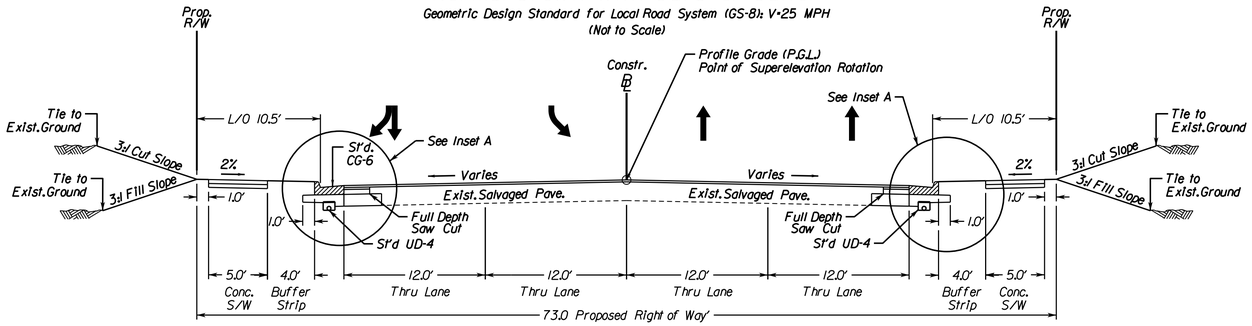
COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	2B

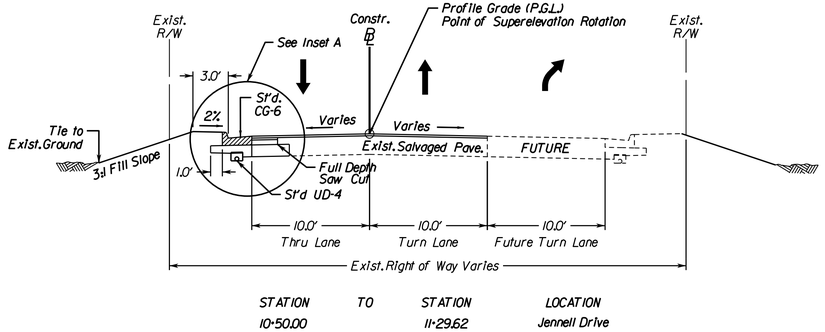
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Fog Light Way and Pike Branch Way
Normal Crown with Curb & Gutter
Geometric Design Standard for Local Road System (GS-8): V=25 MPH
(Not to Scale)



STATION	TO	STATION	LOCATION
10+50.00		11+09.37	Fog Light Way
10+50.00		11+07.32	Pike Branch Way

Jennell Drive
Normal Crown with Curb & Gutter
Geometric Design Standard for Local Road System (GS-8): V=25 MPH
(Not to Scale)



STATION	TO	STATION	LOCATION
10+50.00		11+29.62	Jennell Drive

INSET A

PAVEMENT DETAILS TO BE ADDED FOLLOWING GEOTECHNICAL INVESTIGATION

INSET LEGEND

1. Surface Course / Mill & Overlay: (1.5") Asph.Conc. Seal Coat, Type SM-9.5D
1A. Surface Course / Mill & Overlay: (2.0") Asphalt Concrete Type SM-9.5D
1B. Surface Course: (2.0") Asphalt Concrete Type SM-9.5A
2. Intermediate Course: (2.0") Asphalt Concrete Type IM-19.0A
3. Base Course: (5.0") Asphalt Concrete Type BM-25.0A
3A. Base Course: (8.0") Asphalt Concrete Type BM-25.0A
4. Subbase Course: (12.0") Aggregate Base Mat'l Type I, No. 21B
4A. Subbase Course: (Variable Depth) Plain Aggregate, Type I, Size No. 21-B
5. Surface: (4.0") Hydraulic Cement Concrete, Class A3
5A. Base: (4.0") Aggregate Base Mat'l Type I, No. 21A or No. 21B extended 4" beyond either side of surface
6. Existing Asphalt and Subbase Pavement Layers
7. Subbase Course: (6.0") Aggregate Base Mat'l Type I, No. 21B extended 6" either side of the surface.
8. Regular Fill Material to be compacted in accordance with VDOT Road and Bridge Specifications

TYPICAL SECTION NOTES

1. Pavement widening to be performed in accordance with VDOT Std. WP-2
2. Std. UD-4 Req'd., see plan sheets for detailed locations.
3. Std. UD-2 Req'd., see plan sheets for detailed locations.
4. When widening existing pavement, the pavement subgrade slope shall be designed such that the existing pavement subbase material can properly drain to a standard UD-4 edge drain.
5. When widening the existing pavement the bottom of the new BM-25.0A shall be placed even with the bottom of the existing base asphalt.
6. The final surface course shall be placed in continuous operation across the full pavement width after all previous layers have been completed and shall include all areas where eradication of existing pavement markings have been performed for temporary tie-ins.
7. Where the existing pavement is to be widened, all existing pavement edgedrains (UD-4) Shall be removed.
8. When liquid asphalt is used as a curing material for the cement stabilized course, it shall be liquid asphalt CRS-1, CR-1h or CMS-2 applied at a rate of 0.2 gal/sy. Where necessary for maintenance of traffic, cover material consisting of No. 10 Aggregate or Grading B Sand shall be applied at a rate of 10 lbs./sy.
9. All existing paved shoulders and existing gore areas shall be cut with a smooth vertical face to expose the original mainline pavement structure, demolished and reconstructed with the mainline pavement sections identified above. A note shall be added to the plans indicating that the Prince William County Engineer shall be notified if less than 11.5" of asphalt concrete is encountered along edge lines of mainline pavements prior to widening.
10. In locations where the proposed grade will be more then 1.5" but less than 3.5" above the existing pavement surface, the existing pavement surface should be milled sufficiently to provide enough depth for the installation of the surface and intermediate courses provided in the pavement design. Where intermediate pavement is required for buildup it shall be placed in a uniform layer across the full pavement width.

VDOT PROJECT NO.	SHEET NO.
0621-076-610	2B
PWCDOT PROJECT NO. SPR2021-___	

NOVA DISTRICT

5/4/2021

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.

PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, LS (703) 334-9302; September 2018
DESIGN BY RDA: Mark A. Gunn, PE (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Typical Sections

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

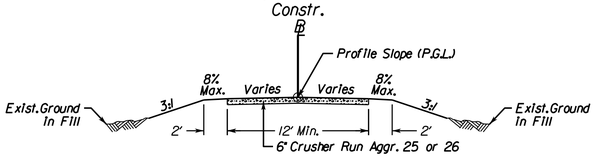
REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	2B(1)

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

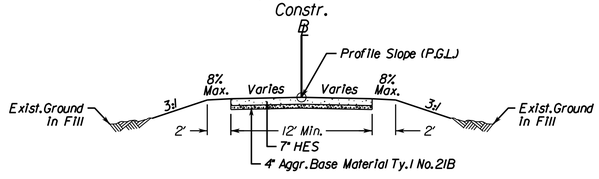
Private & Commercial Entrances

VDOT Std. PE-1, CG-9D, CG-11
(Not to Scale)

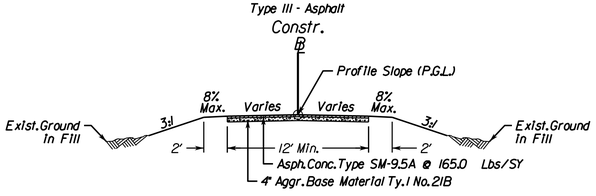
Type I - Gravel



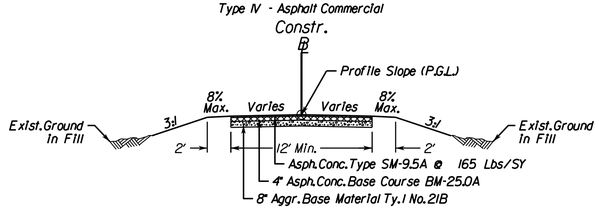
Type II - Concrete



Type III - Asphalt



Type IV - Asphalt Commercial



NOTE:
The type of entrance (I, II, III, IV) to be constructed will be determined by the existing condition at the time of construction. See VDOT Standards for private and commercial entrance details and additional information.

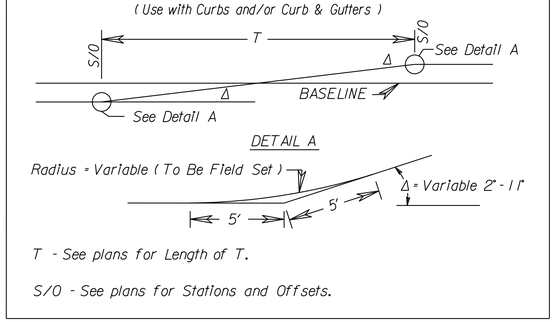
INSET A

PAVEMENT DETAILS TO BE ADDED FOLLOWING GEOTECHNICAL INVESTIGATION

INSET LEGEND		
(1) Surface Course / Mill & Overlay: (1.5") Asph. Conc. Seal Coat, Type SM-9.5D	(3A) Base Course: (8.0") Asphalt Concrete Type BM-25.0A	(6) Existing Asphalt and Subbase Pavement Layers
(1A) Surface Course / Mill & Overlay: (2.0") Asphalt Concrete Type SM-9.5D	(4) Subbase Course: (12.0") Aggregate Base Mat'l Type I, No. 21B	(7) Subbase Course: (6.0") Aggregate Base Mat'l Type I, No. 21B extended 6" either side of the surface.
(1B) Surface Course: (2.0") Asphalt Concrete Type SM-9.5A	(4A) Subbase Course: (Variable Depth) Plain Aggregate, Type I, SIze No. 21-B	(8) Regular Fill Material to be compacted in accordance with VDOT Road and Bridge Specifications
(2) Intermediate Course: (2.0") Asphalt Concrete Type IM-19.0A	(5) Surface: (4.0") Hydraulic Cement Concrete, Class A3	
(3) Base Course: (5.0") Asphalt Concrete Type BM-25.0A	(5A) Base: (4.0") Aggregate Base Mat'l Type I, No. 21A or No. 21B extended 4" beyond either side of surface	

TYPICAL STRAIGHT - LINE TAPER LANE

(Use with Curbs and/or Curb & Gutters)



T - See plans for Length of T.

S/O - See plans for Stations and Offsets.

TYPICAL SECTION NOTES

1. Pavement widening to be performed in accordance with VDOT Std. WP-2
2. Std. UD-4 Req'd., see plan sheets for detailed locations.
3. Std. UD-2 Req'd., see plan sheets for detailed locations.
4. When widening existing pavement, the pavement subgrade slope shall be designed such that the existing pavement subbase material can properly drain to a standard UD-4 edge drain.
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	VDOT PROJECT NO.	SHEET NO.
	0621-076-610	2B(1)
	PWCDOT PROJECT NO. SPR2021-___	

NOVA DISTRICT

5/4/2021

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

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, LS. (703) 334-9302; September 2018
DESIGN BY RDA: Mark A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Geotechnical Recommendations

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 P.E101 C501 RW201	2C

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

NO GEOTECHNICAL RECOMMENDATIONS HAVE BEEN PROVIDED. RECOMMENDATIONS ARE TO FOLLOW FIELD INVESTIGATIONS TO DETERMINE PAVEMENT DESIGN AND POTENTIAL UNSUITABLE MATERIAL RECOMMENDATIONS.

NOVA DISTRICT

5/4/2021

VDOT PROJECT NO.	SHEET NO.
0621-076-610 PWCDOT PROJECT NO. SPR202I-___	2C

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

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout,P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis LS (703) 334-9302; September 2018
DESIGN BY RDA: Mark A.Gunn P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Demolition Summary

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 P.E101 C501 RW201	2P(4)

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

DEMOLITION SUMMARY

DEMO NO.	SHEET NO.	PARCEL NO.	LANDOWNER	STA.	RIGHT OR LEFT	BASELINE	DESCRIPTION
D-1	3	002	HARRIS BARTON & JENNIFER	62+60	RT.	DEVLIN RD.	SHED
D-901	4	019	RASHED UDDIN CHOUDHURY & SUHANA CHOWDHURY	70+54	RT.	DEVLIN RD.	MAILBOX
D-902	5	026	BIENVENIDO F.NOBLEZADA,II & VERNA E.P.NOBLEZADA	76+57	LT.	DEVLIN RD.	STONE COLUMN
D-903	5	-	INSIDE OF ROW	76+60	LT.	DEVLIN RD.	STONE COLUMN
D-904	5	032	KHALID H.KURDO & ROPAK A.KURDO	75+49	RT.	DEVLIN RD.	FLOOD LIGHT
D-905	5	-	INSIDE OF ROW	74+27	RT.	DEVLIN RD.	BUS SIGN / TRASH CAN
D-906	7	050	GORGONE VICKIE MAY	88+28	RT.	DEVLIN RD.	MAILBOX
D-907	7	050	GORGONE VICKIE MAY	88+31	RT.	DEVLIN RD.	MAILBOX
D-908	7	050	GORGONE VICKIE MAY	88+32	LT.	DEVLIN RD.	MAILBOX
D-909	7	053	JEFFERY S.LEWIS	88+71	RT.	DEVLIN RD.	MAILBOX
D-2	6	041	HEVERY FUENTES	83+45	LT.	DEVLIN RD.	FEATURE

NOVA DISTRICT

5/4/2021

	VDOT PROJECT NO.	SHEET NO.
	0621-076-610 PWCDOT PROJECT NO. SPR2021-___	2P(4)

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis L.S. (703) 334-9302; September 2018
DESIGN BY RDA: Mark A. Gunn P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

UTILITY OWNERS
(SEE SHEET 1H)

Roadway Legend

- 1 Denotes St'd. MS-1 Req'd.
- 3 Denotes St'd. MS-2 Req'd.
- 4 Denotes St'd. CG-6 Req'd.
- 14 Denotes Tie to Existing Curb & Gutter
- 15 Denotes Full Depth Saw Cut Req'd.
- 16 Denotes 5' Sidewalk
- 17 Denotes 10' Shared Use Path
- C Denotes Construction Limits in Cuts
- F Denotes Construction Limits in Fills
- Denotes Future Site Plan Design

Drainage Legend

- 1 Denotes Pipe/Structure to be Removed
- 2 Denotes UD-2 Req'd.
- 3 Denotes UD-3 Req'd.
- 4 Denotes UD-4 Req'd.
- 5 Denotes CD-1 Req'd.
- 6 Denotes CD-2 Req'd.
- 7 Denotes Pipe/Structure Plugged & Abandoned

Noise Wall Legend

- Denotes Potential Location of Noise Wall/Barrier

Pavement Legend

- Denotes Limits of Full Depth Pave.
- Denotes Limits of Mill and Overlay
- Denotes Limits of Demo of Pave.

R/W Legend

Note: Dot - dot - dashed lines denote Temporary Easements
Note: Dot - dashed lines denote Permanent Easements

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

Survey Control Data Sheet	1F and 1F(1)
Construction Geometrics	1G and 1G(1)
Erosion Controls Ph.1 & Ph.2	TBD
Typical Sections	2A - 2A(2)
Drainage Descriptions	TBD
Profile Route 621	3A

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	ROUTE	VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	3

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

SCALE 0 25' 50'

VDOT PROJECT NO. 0621-076-610
PWCDOT PROJECT NO. SPR2021-___
SHEET NO. 3

NOVA DISTRICT

5/4/2021

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

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis LS (703) 334-9302; September 2018
DESIGN BY RDA: Mark A. Gunn PE (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 334-9288; November 2018

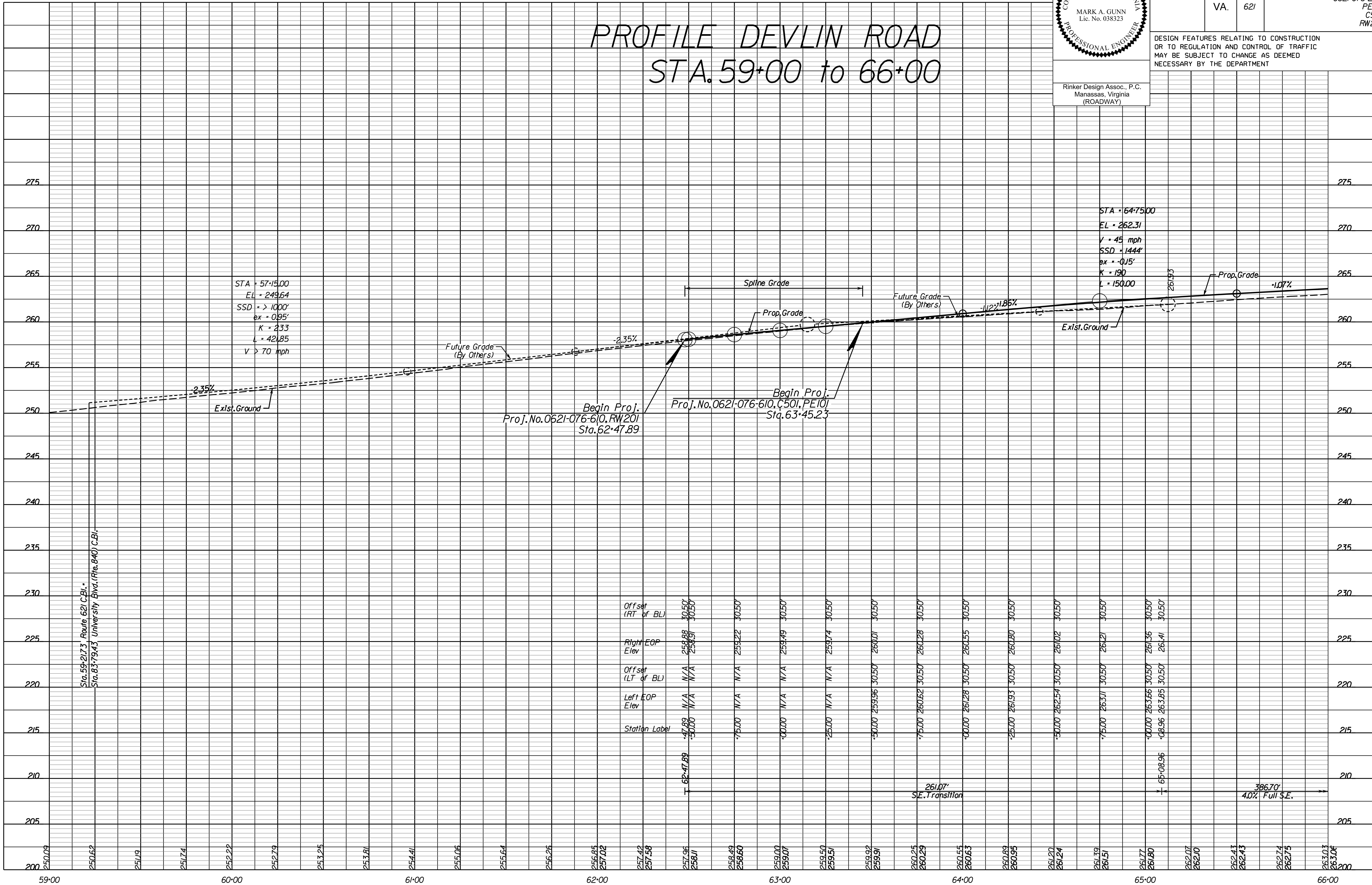
REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	621	0621-076-265 PE101 C501 RW201	3A

COMMONWEALTH OF VIRGINIA — MARK A. GUNN, Lic. No. 038323 — PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(ROADWAY)

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

PROFILE DEVLIN ROAD
STA. 59+00 to 66+00



Station Label	Offset (RT of BL)	Right EOP Elev	Offset (LT of BL)	Left EOP Elev
+47.89	30.50'	258.88	N/A	N/A
+50.00	30.50'	258.91	N/A	N/A
+75.00	30.50'	259.22	N/A	N/A
+00.00	30.50'	259.49	N/A	N/A
+25.00	30.50'	259.74	N/A	N/A
+50.00	30.50'	260.01	30.50'	259.96
+75.00	30.50'	260.28	30.50'	260.62
+00.00	30.50'	260.55	30.50'	261.28
+25.00	30.50'	260.80	30.50'	261.93
+50.00	30.50'	261.02	30.50'	262.54
+75.00	30.50'	261.21	30.50'	263.11
+00.00	30.50'	261.36	30.50'	263.66
+08.96	30.50'	261.41	30.50'	263.85

Station	Existing	Proposed
59+00	250.09	
59+25	250.62	
59+50	251.19	
59+75	251.74	
60+00	252.22	
60+25	252.79	
60+50	253.25	
60+75	253.81	
61+00	254.41	
61+25	255.06	
61+50	255.64	
61+75	256.26	
62+00	256.85	257.02
62+25	257.42	257.58
62+50	257.96	258.11
62+75	258.49	258.60
63+00	259.00	259.07
63+25	259.50	259.51
63+50	259.92	259.91
63+75	260.25	260.29
64+00	260.55	260.63
64+25	260.89	260.95
64+50	261.20	261.24
64+75	261.39	261.51
65+00	261.77	261.80
65+25	262.07	262.10
65+50	262.43	262.43
65+75	262.74	262.75
66+00	263.03	263.06

NOVA DISTRICT

5/4/2021

SCALE HORIZ: 1"=25' VERT: 1"=5'

VDOT PROJECT NO. 0621-076-265
PWCDOT PROJECT NO. SPR2021-___
SHEET NO. 3A

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

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PFI PLANS

5/4/2021 35x23 (in.) default_rda_25.tbl 118253003rw.dgn
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PROJECT MANAGER PWCDOT; Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA; Nicholas Kougoulis, L.S. (703) 334-9302; September 2018
DESIGN BY RDA; Mark A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Prop.R/W and Survey Boundary Info.

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	3RW

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

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

Right of Way Data Sheet	1C
Plan Sheet	3

NOTE: ALL DATA SHOWN HERE IS FOR INFORMATION AND ESTIMATING PURPOSES ONLY. VDOT PROJ.0621-076-610, RW-201 IS A LOCALLY ADMINISTERED PROJECT BY PWCDOT AND FINAL ACQUISITION PLATS ARE REQUIRED AND SHALL BE PROVIDED BY A PROFESSIONAL SURVEYOR.

R/W Legend
Note : Dot - dot - dashed lines denote Temporary Easements
Note : Dot - dashed lines denote Permanent Easements

SCALE 0 25' 50'

VDOT PROJECT NO. 0621-076-310
PWCDOT PROJECT NO. SPR2021-___
SHEET NO. 3RW

NOVA DISTRICT

5/4/2021

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.

PFI PLANS

NOVA DISTRICT

5/4/2021

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

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PFI PLANS

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PROJECT MANAGER _ PWCDOT; Khottab Shammout, P.E. (703) 792-7193 _____
SURVEYED BY, DATE _ RDA; Nicholas Kougoulis LS (703) 334-9302; September 2018
DESIGN BY _RDA; Mark A Gunn PE (703) 334-9288 _____
SUBSURFACE UTILITY BY, DATE _Accumark (703) 334-9288; November 2018

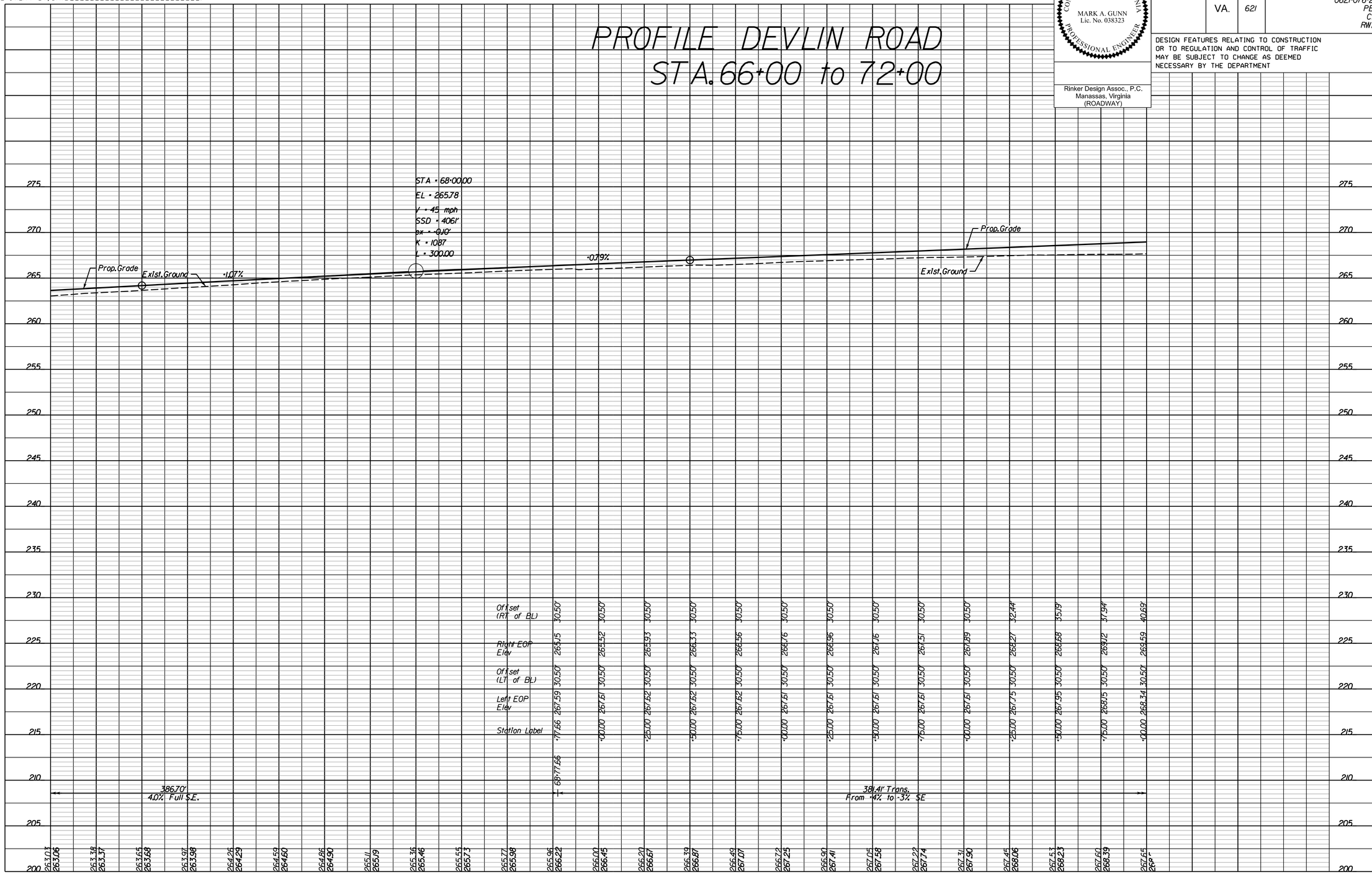
PROFILE DEVLIN ROAD
STA. 66+00 to 72+00

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(ROADWAY)

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-265 PE101 C501 RW201	4A

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



SCALE HORIZ: 1"=25' (0, 10', 25') VERT: 1"=5' (0, 1', 2')

VDOT PROJECT NO.	SHEET NO.
0621-076-265 PWCDOT PROJECT NO. SPR2021-	4A

NOVA DISTRICT

5/4/2021

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PFI PLANS

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PROJECT MANAGER _ PWCDOT; Khattab Shammout, P.E. (703) 792-7193 _____
SURVEYED BY, DATE _ RDA; Nicholas Kougoulis LS (703) 334-9302; September 2018
DESIGN BY _RDA; Mark A Gunn PE (703) 334-9288 _____.
SUBSURFACE UTILITY BY, DATE _Accumark (703) 334-9288; November 2018

Entrance Profiles

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

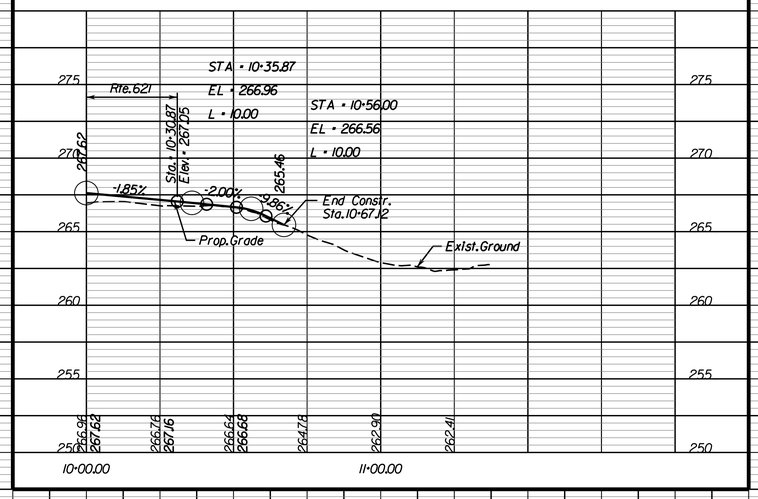
Rinker Design Assoc., P.C.
Manassas, Virginia
(ROADWAY)

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-265 PE101 C501 RW201	4B

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

Private Entr.

Sta.70+32.9 Rt. off of Rte.621 Constr. Bl.



NOVA DISTRICT

5/4/2021

SCALE	VDOT PROJECT NO.	SHEET NO.
HORIZ: 1"=25' (0, 10', 25') VERT: 1"=5' (0, 1', 2')	0621-076-265 PWCDOT PROJECT NO. SPR2021-___	4B

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis LS (703) 334-9302 September 2018
DESIGN BY RDA: Mark A. Gunn PE (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100 March 2021

Prop. R/W and Survey Boundary Info.

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	4RW

COMMONWEALTH OF VIRGINIA — MARK A. GUNN Lic. No. 038323 — PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C. Manassas, Virginia (RESPONSIBLE ENGINEER)

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

ALERT: SITE PLAN PROPOSED FOR THIS AREA. CHECK FOR THE SITE PLAN CONSTRUCTION AT EACH STAGE OF PROJECT DEVELOPMENT AND ORDER ADDITIONAL SURVEY WHEN CONSTRUCTED. STATUS OF ANY PROFFERED R/W SHOULD BE CHECKED AT R/W STAGE.

001 (See Sht. 3 for Owner Info)
006 563 (See Sht. IF(2) for Owner Info)
007 503 (See Sht. IF(2) for Owner Info)
008 504 (See Sht. IF(2) for Owner Info)
009 505 (See Sht. IF(2) for Owner Info)
010 506 (See Sht. IF(2) for Owner Info)
011 507 (See Sht. IF(2) for Owner Info)
012 508 (See Sht. IF(2) for Owner Info)
013 509 (See Sht. IF(2) for Owner Info)
014 510 (See Sht. IF(2) for Owner Info)
015 562 (See Sht. IF(2) for Owner Info)
016 561 (See Sht. IF(2) for Owner Info)
017 560 (See Sht. IF(2) for Owner Info)
018 559 (See Sht. IF(2) for Owner Info)
019 558 (See Sht. IF(2) for Owner Info)
020 557 (See Sht. IF(2) for Owner Info)
021 556 (See Sht. IF(2) for Owner Info)

Prop. R/W
Prop. Temp. Constr. Ease.
Prop. Perm. Drain. and Wall Ease.
Prop. Perm. Water Ease.
Prop. Temp. Constr. Ease. for Entr.
Entr. Constr. Bl. (See Sht. IG for more Bl. Alignment Info)
Contractor Not to Disturb. Exist. Shed.
D-901 (Mailbox)
P.T.
N 23° 36' 55" E
VA NORTH 1983
Match Line, Sta. 69+00 See Sheet 3RW
Match Line, Sta. 72+00 See Sheet 5RW

R/W Legend
Note: Dot - dot - dashed lines denote Temporary Easements
Note: Dot - dashed lines denote Permanent Easements

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

Right of Way Data Sheet	IC, IC(1)
Plan Sheet	4

NOTE: ALL DATA SHOWN HERE IS FOR INFORMATION AND ESTIMATING PURPOSES ONLY. VDOT PROJ. 0621-076-610, RW-201 IS A LOCALLY ADMINISTERED PROJECT BY PWCDOT AND FINAL ACQUISITION PLATS ARE REQUIRED AND SHALL BE PROVIDED BY A PROFESSIONAL SURVEYOR.

SCALE 0 25' 50'

VDOT PROJECT NO.	SHEET NO.
0621-076-310 PWCDOT PROJECT NO. SPR2021-___	4RW

NOVA DISTRICT

5/4/2021

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, LS (703) 334-9302; September 2018
DESIGN BY RDA: Mark A. Gunn, PE (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Roadway Legend

1 Denotes St'd. MS-1 Req'd.
2 Denotes St'd. MS-1A Req'd.
3 Denotes St'd. MS-2 Req'd.
4 Denotes St'd. CG-6 Req'd.
5 Denotes St'd. Radial CG-6 Req'd.
6 Denotes St'd. CG-2 Req'd.
7 Denotes St'd. Radial CG-2 Req'd.
C Denotes Construction Limits In Cuts
F Denotes Construction Limits In Fills
12 Denotes St'd. CG-12, Type A Req'd.
13 Denotes St'd. CG-12, Type B Req'd.
14 Denotes Tie to Existing Curb & Gutter
15 Denotes Full Depth Saw Cut Req'd.
16 Denotes 5' Sidewalk
17 Denotes 10' Shared Use Path
18 Denotes St'd. FE-CL Req'd.
27 Denotes Curb Warping Required

UTILITY OWNERS
(SEE SHEET 1H)

Devlin Rd. Constr. Bl.
Curve RTE 621_T
PI = 72+89.84
DELTA = 4° 21' 47.65" (LT)
D = 3° 02' 28"
T = 71.77'
L = 143.47'
R = 1884.00'
PC = 72+18.07
PT = 73+61.54
V = 45mph
E = 3.00%
LR = 123.00'

End Constr. Sta. 11+14.05
N 70° 44' 52" W
Fog Light Wy. (Rte. 3631)
POT 12+41.85
End Constr. Sta. 11+12.33
S 70° 44' 52" E
Pike Branch Wy. (Rte. 3624)
POT 12+40.33
N 19° 15' 08" E
Match Line, Sta. 72+00 See Sheet 4
Match Line, Sta. 79+00 See Sheet 6
VA NORTH 1983

Prop. Perm. Drain. and Wall Ease.
Prop. Temp. Constr. Ease.
Potential Noise Wall
Ditch 4
Ditch 5
Ditch 6
Prop. R/W
Prop. Ret. Wall
End Ret. Wall Sta. 75+50.65.50' Lt.
End Potential Noise Wall Sta. 75+08.70, 56.50' Lt.
Begin Ret. Wall Sta. 76+55.79.0' Lt.
D-902 (Stone Column)
Begin Potential Noise Wall Sta. 76+99.77, 67.50' Lt.
D-903 (Stone Column)
D-904 (Flood Light)
D-906 (Sign/Trash Can)
Contractor Not to Disturb Exist. Sign
Contractor Not to Disturb. Exist. Shed.
End Potential Noise Wall Sta. 75+02.23, 54.00' Rt.
Begin Potential Noise Wall Sta. 77+14.22, 43.00' Rt.
Prop. Conc. Bus Stop Pad
5' Std. Truncated Domes Req'd.
299 LF Left Turn Lane
299 LF Right Turn Lane
280 LF Right Turn Lane
280 LF Left Turn Lane
Unable to Access Parcel to As-Built Structures

014	510	(See Sht. IF(2) for Owner Info)
022	511	(See Sht. IF(2) for Owner Info)
023	512	(See Sht. IF(2) for Owner Info)
024	513	(See Sht. IF(2) for Owner Info)
025	514	(See Sht. IF(2) for Owner Info)
026	515	(See Sht. IF(2) for Owner Info)
027	516	(See Sht. IF(2) for Owner Info)
028	517	(See Sht. IF(2) for Owner Info)
029	518	(See Sht. IF(2) for Owner Info)
030	555	(See Sht. IF(2) for Owner Info)
031	554	(See Sht. IF(2) for Owner Info)
032	553	(See Sht. IF(2) for Owner Info)
033	550	(See Sht. IF(2) for Owner Info)
034	549	(See Sht. IF(2) for Owner Info)
035	548	(See Sht. IF(2) for Owner Info)
058	552	(See Sht. IF(2) for Owner Info)
059	551	(See Sht. IF(2) for Owner Info)
021	556	(See Sht. IF(2) for Owner Info)

Drainage Legend

1 Denotes Pipe/Structure to be Removed
2 Denotes UD-2 Req'd.
3 Denotes UD-3 Req'd.
4 Denotes UD-4 Req'd.
5 Denotes CD-1 Req'd.
6 Denotes CD-2 Req'd.
7 Denotes Pipe/Structure Plugged & Abandoned

R/W Legend

Note: Dot - dot - dashed lines denote Temporary Easements
Note: Dot - dashed lines denote Permanent Easements

Pavement Legend

Denotes Limits of Full Depth Pave.
Denotes Limits of Mill and Overlay
Denotes Limits of Demo of Pave.

Noise Wall Legend

Denotes Potential Location of Noise Wall/Barrier

5A POI Fog Light Wy. Sta. 10+00.00
POI Devlin Rd. Sta. 76+10.18
Delta = 90°00'00"

5B POI Pike Branch Wy. Sta. 10+00.00
POI Devlin Rd. Sta. 76+10.18
Delta = 90°00'00"

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

Survey Control Data Sheet	IF and IF(1)
Construction Geometrics	IG and IG(1)
Erosion Controls PhI & Ph2	TBD
Typical Sections	2A - 2A(2)
Drainage Descriptions	TBD
Profile Route 621	5A
Profile Entr. and Conn.	5B

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
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PROFESSIONAL ENGINEER

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(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	5

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

SCALE 0 25' 50'

VDOT PROJECT NO. 0621-076-610
PWCDOT PROJECT NO. SPR202I-___

SHEET NO. 5

NOVA DISTRICT

5/4/2021

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

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PFI PLANS

Cell Revised 12/11/12

5/4/2021 1:50:56 PM | 35x23 (In.) L:\DesignAid-Fred\Plot-Drivers\default_rda_25.tbl | default_rda_25.tbl L:\DesignAid-Fred\PLOT-Drivers\Imperial\025-Plan VDOTLD Local PDF.pltcfg | 25.00 ft / in. | 118253005a.dgn Plotted By: klovlng

PROJECT MANAGER _ PWCDOT; Khottab Shammout, P.E. (703) 792-7193 _____
SURVEYED BY, DATE _ RDA; Nicholas Kougoulis LS (703) 334-9302; September 2018
DESIGN BY _RDA; Mark A Gunn PE (703) 334-9288 _____
SUBSURFACE UTILITY BY, DATE _Accumark (703) 334-9288; November 2018

COMMONWEALTH OF VIRGINIA
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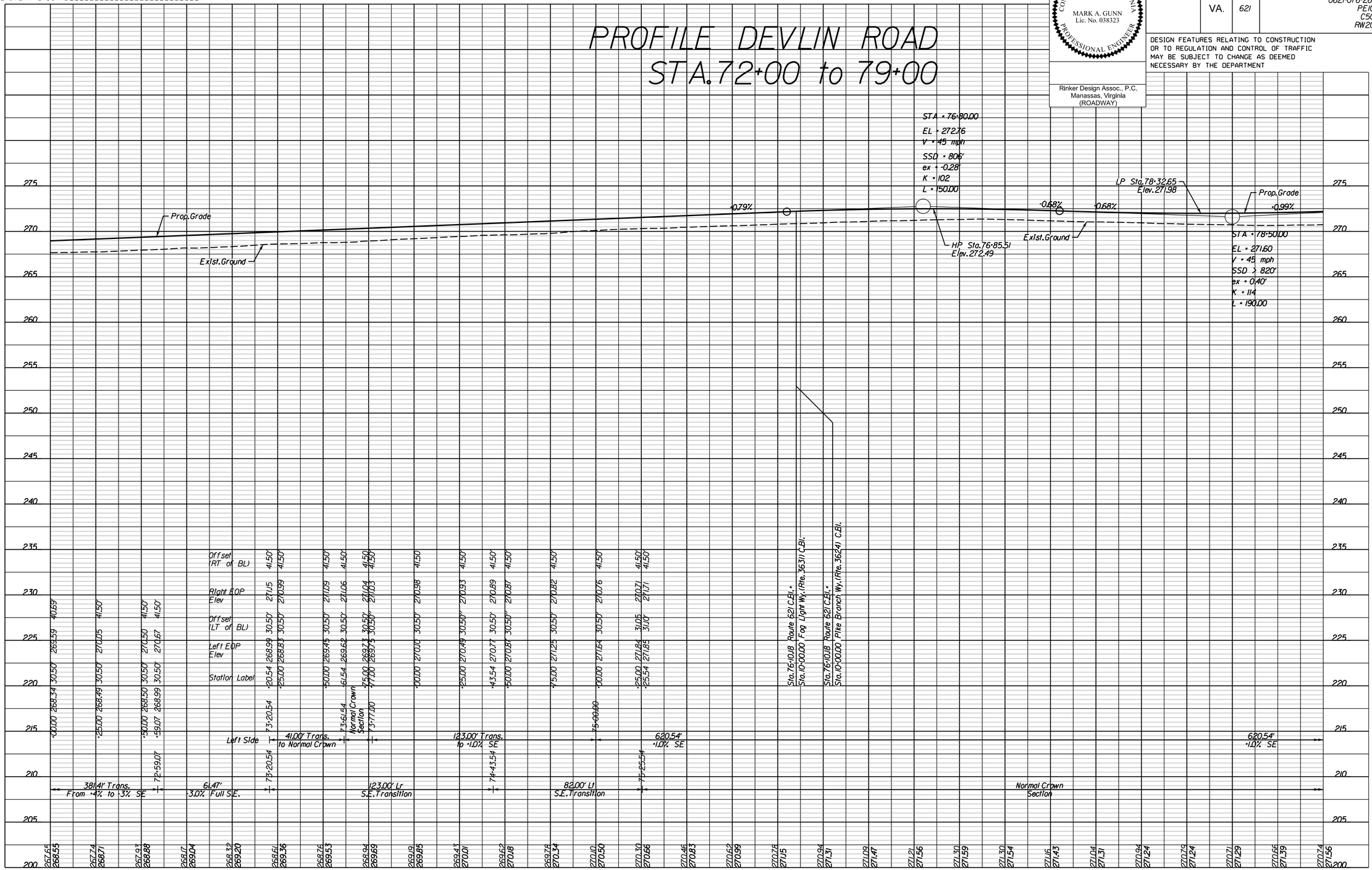
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(ROADWAY)

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-265 PE101 C501 RW201	5A

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

PROFILE DEVLIN ROAD
STA. 72+00 to 79+00



SCALE HORIZ: 1"=25' (0, 10', 25') VERT: 1"=5' (0, 1', 2')

VDOT PROJECT NO. 0621-076-265
PWCDOT PROJECT NO. SPR2021-

SHEET NO. 5A

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PFI PLANS

NOVA DISTRICT

5/4/2021

5/4/2021 35x23 (in) default_rda_25.tbl 118253005b.dgn
8:59:31 AM L:\DesignAid-Fred\Plot-Drivers\default_rda_25.tbl L:\DesignAid-Fred\PLOT-Drivers\Imperial\025-Plan VDOTLD Local PDF.pltcfg 25.00 ft / in. Plotted By: kloving

PROJECT MANAGER_ PWCDOT; Khottab Shammout, P.E. (703) 792-7193 _____
SURVEYED BY, DATE_ RDA; Nicholas Kougoulis LS (703) 334-9302; September 2018
DESIGN BY _RDA; Mark A Gunn PE (703) 334-9288 _____.
SUBSURFACE UTILITY BY, DATE _Accumark (703) 334-9288; November 2018

Connection Profiles

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

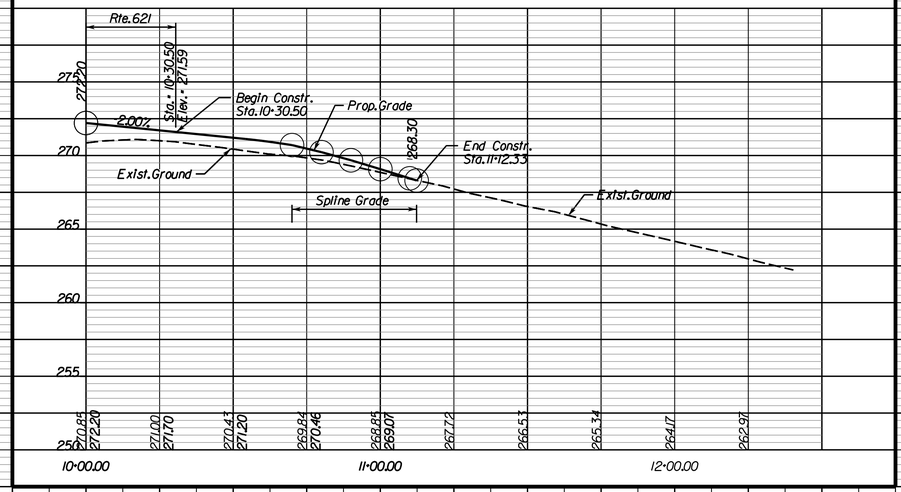
Rinker Design Assoc., P.C.
Manassas, Virginia
(ROADWAY)

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-265 PE101 C501 RW201	5B

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

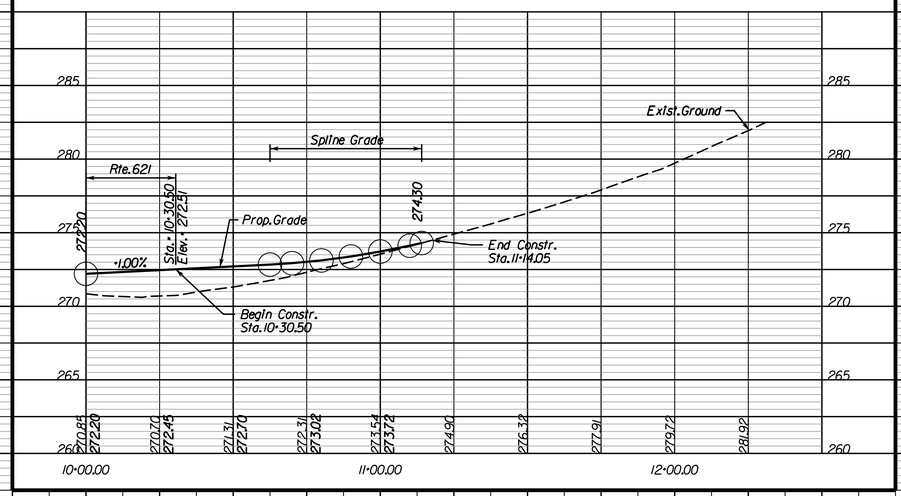
Pike Branch Way (Rte. 3624)

Sta. 76+10.18 Rt. off of Rte. 621 Constr. Bl.



Fog Light Way (Rte. 3631)

Sta. 76+10.18 Lt. off of Rte. 621 Constr. Bl.



SCALE	VDOT PROJECT NO.	SHEET NO.
HORIZ: 1"=25' (0, 10', 25') VERT: 1"=5' (0, 1, 2)	0621-076-265 PWCDOT PROJECT NO. SPR202[illegible]	5B

NOVA DISTRICT

5/4/2021

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, LS (703) 334-9302, September 2018
DESIGN BY RDA: Mark A. Gunn, PE (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100, March 2021

Prop. R/W and Survey Boundary Info.

MARK A. GUNN
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COMMONWEALTH OF VIRGINIA
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
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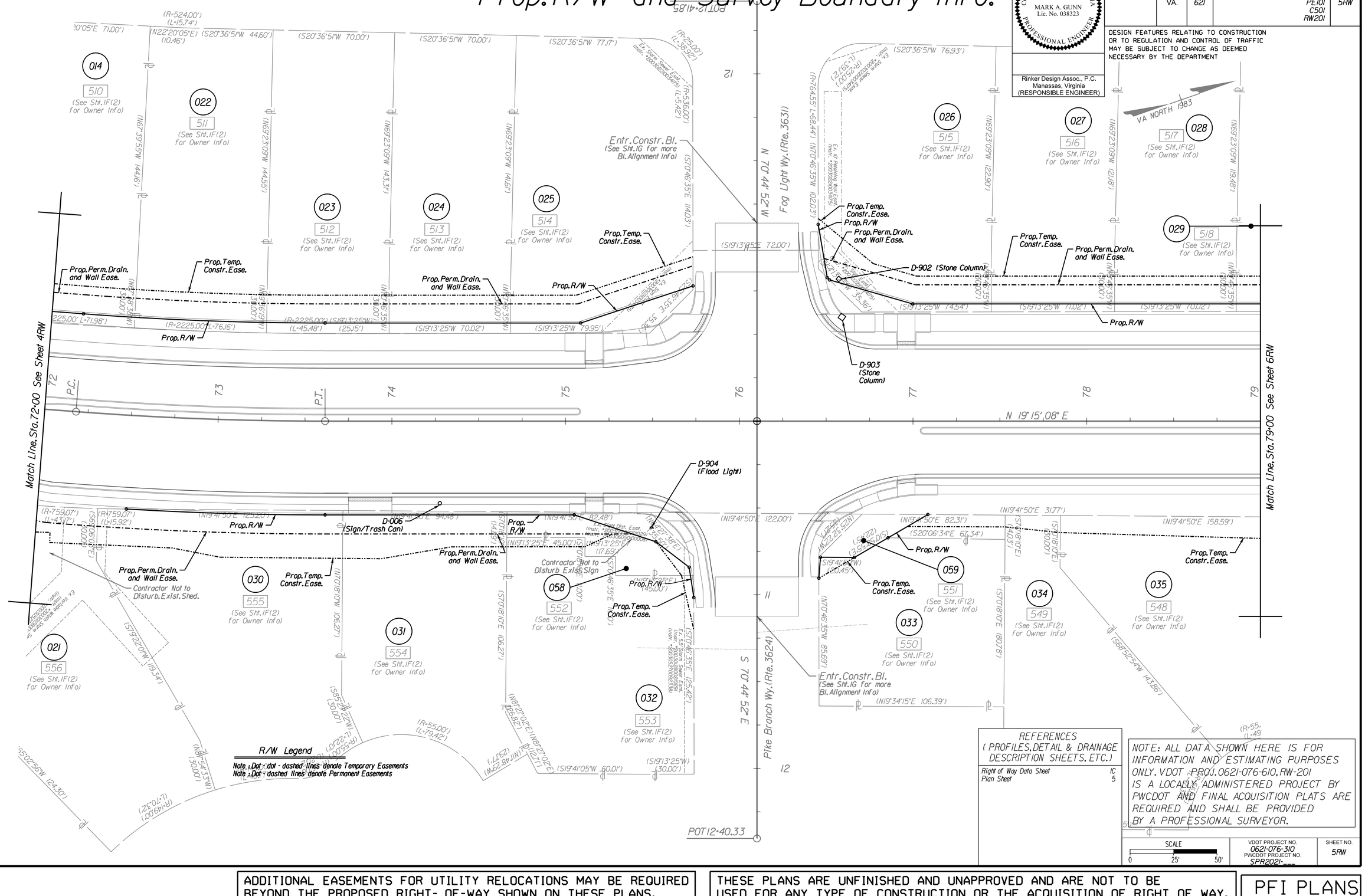
(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	5RW

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



NOVA DISTRICT

5/4/2021

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

Right of Way Data Sheet	1C
Plan Sheet	5

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SCALE 0 25' 50'

VDOT PROJECT NO.	SHEET NO.
0621-076-310 PWCDOT PROJECT NO. SPR2021-___	5RW

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, L.S. (703) 334-9302; September 2018
DESIGN BY RDA: Mark A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

UTILITY OWNERS
(SEE SHEET 1H)

Roadway Legend

- 1 — Denotes St'd. MS-1 Req'd.
- 3 — Denotes St'd. MS-2 Req'd.
- 4 — Denotes St'd. CG-6 Req'd.
- 6 — Denotes St'd. CG-2 Req'd.
- 15 — Denotes Full Depth Saw Cut Req'd.
- 16 — Denotes 5' Sidewalk
- C — Denotes Construction Limits in Cuts
- F — Denotes Construction Limits in Fills

Drainage Legend

- 1 — Denotes Pipe/Structure to be Removed
- 2 — Denotes UD-2 Req'd.
- 3 — Denotes UD-3 Req'd.
- 4 — Denotes UD-4 Req'd.
- 5 — Denotes CD-1 Req'd.
- 6 — Denotes CD-2 Req'd.
- 7 — Denotes Pipe/Structure Plugged & Abandoned

Pavement Legend

- Denotes Limits of Full Depth Pave.
- Denotes Limits of Mill and Overlay
- Denotes Limits of Demo of Pave.

Noise Wall Legend

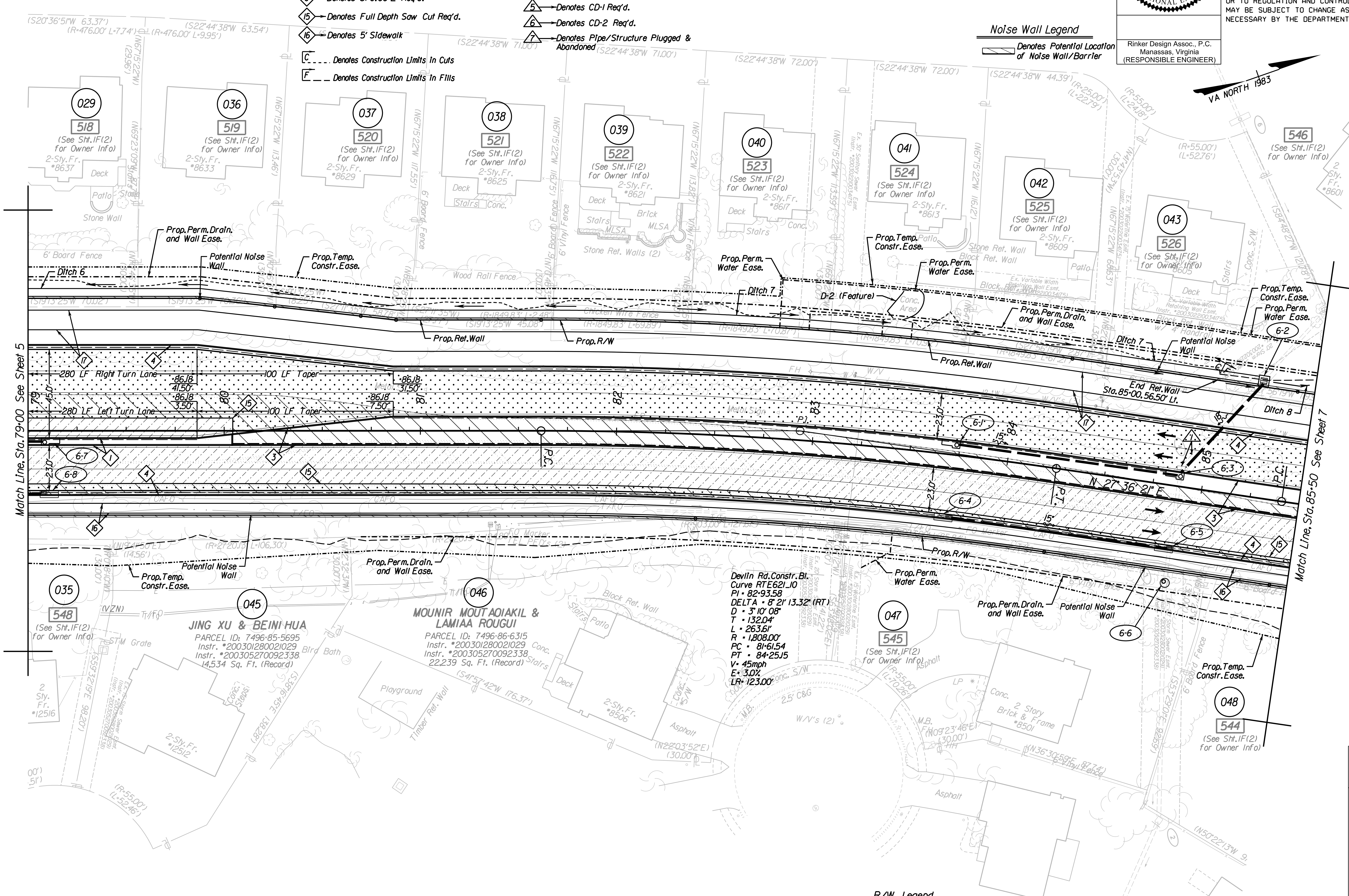
- Denotes Potential Location of Noise Wall/Barrier

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	ROUTE	VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	6

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


VA NORTH 1983
029 518 (See Sht. 1F(2) for Owner Info) 2-Sty. Fr. *8637
036 519 (See Sht. 1F(2) for Owner Info) 2-Sty. Fr. *8633
037 520 (See Sht. 1F(2) for Owner Info) 2-Sty. Fr. *8629
038 521 (See Sht. 1F(2) for Owner Info) 2-Sty. Fr. *8625
039 522 (See Sht. 1F(2) for Owner Info) 2-Sty. Fr. *8621
040 523 (See Sht. 1F(2) for Owner Info) 2-Sty. Fr. *8617
041 524 (See Sht. 1F(2) for Owner Info) 2-Sty. Fr. *8613
042 525 (See Sht. 1F(2) for Owner Info) 2-Sty. Fr. *8609
043 526 (See Sht. 1F(2) for Owner Info) *8605
546 (See Sht. 1F(2) for Owner Info) 2-Sty. Fr. *8601
035 548 (See Sht. 1F(2) for Owner Info)
045 JING XU & BEINI HUA PARCEL ID: 7496-85-5695 Instr. *200301280021029 Instr. *200305270092338 14,534 Sq. Ft. (Record)
046 MOUNIR MOUTAOIAKIL & LAMIAA ROUGUI PARCEL ID: 7496-86-6315 Instr. *200301280021029 Instr. *200305270092338 22,239 Sq. Ft. (Record)
047 545 (See Sht. 1F(2) for Owner Info)
048 544 (See Sht. 1F(2) for Owner Info)
Devlin Rd. Constr. Bl. Curve RTE621_10 PI = 82+93.58 DELTA = 8° 21' 13.32" (RT) D = 3° 10' 08" T = 132.04' L = 263.61' R = 1,808.00' PC = 81+61.54 PT = 84+25.15 V= 45mph E= 3.0% LR= 123.00'
Match Line, Sta. 79+00 See Sheet 5
Match Line, Sta. 85+50 See Sheet 7
280 LF Right Turn Lane
280 LF Left Turn Lane
100 LF Taper
End Ret. Wall Sta. 85+00, 56.50' Lt.
N 27° 36' 21" E
Prop. Perm. Drain. and Wall Ease.
Potential Noise Wall
Prop. Temp. Constr. Ease.
Prop. Perm. Water Ease.
Prop. Ret. Wall
Prop. R/W
D-2 (Feature)
Ditch 6
Ditch 7
Ditch 8
6' Board Fence
Wood Rail Fence
Stone Ret. Walls (2)
Block Ret. Wall
Stone Wall
Playground
Timber Ret. Wall
2 Story Brick & Frame *8501
2-Sty. Fr. *8506
2-Sty. Fr. *12512
2-Sty. Fr. *12516

R/W Legend

Note: Dot - dot - dashed lines denote Temporary Easements
Note: Dot - dashed lines denote Permanent Easements

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

Survey Control Data Sheet	1F and 1F(1)
Construction Geometrics	1G and 1G(1)
Erosion Controls Ph1 & Ph2	TBD
Typical Sections	2A - 2A(2)
Drainage Descriptions	TBD
Profile Route 621	6A

SCALE 0 25' 50'

VDOT PROJECT NO.	SHEET NO.
0621-076-610 PWCDOT PROJECT NO. SPR2021-___	6

NOVA DISTRICT

5/4/2021

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.

PFI PLANS

Cell Revised 12/11/12

5/4/2021 1:43:27 PM | 35x23 (in) L:\DesignAid-Fred\Plot-Drivers\default_rda_25.tbl | default_rda_25.tbl L:\DesignAid-Fred\PLOT-Drivers\Imperial\025-Plan VDOTLD Local PDF.pltcfg | 25.00 ft / in. | 118253006a.dgn Plotted By: kloving

PROJECT MANAGER _ PWCDOT; Khattab Shammout, P.E. (703) 792-7193 _____
SURVEYED BY, DATE _ RDA; Nicholas Kougoulis LS (703) 334-9302; September 2018
DESIGN BY _RDA; Mark A Gunn PE (703) 334-9288 _____.
SUBSURFACE UTILITY BY, DATE _Accumark (703) 334-9288; November 2018

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(ROADWAY)

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-265 PE101 C501 RW201	6A

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

PROFILE DEVLIN ROAD
STA. 79+00 to 85+50

STA = 78+50.00
EL = 271.60
V = 45 mph
SSD > 820'
ex = 0.40'
K = 114
L = 190.00

-0.99%
Prop. Grade
Exist. Ground
-0.99%
HP Sta. 80+77.78
Elev. 273.51

STA = 81+85.00
EL = 274.91
V = 45 mph
SSD = 387'
ex = -2.23'
K = 69
L = 350.00

-4.11%
-4.11%
Prop. Grade
Exist. Ground
-0.67%

STA = 85+15.00
EL = 261.34
V = 45 mph
SSD = 403'
ex = 1.21'
K = 81
L = 280.00

275 270 265 260 255 250 245 240 235 230 225 220 215 210 205 200

	79+00	80+00	81+00	82+00	83+00	84+00	85+00
Offset (RT of BL)	30.50'	30.50'	30.50'	30.50'	30.50'	30.50'	30.50'
Right EOP Elev	272.45	272.70	272.81	272.53	272.12	265.81	263.31	263.75	262.99	263.31	262.12	261.70	261.17
Offset (LT of BL)	40.25'	37.23'	30.50'	30.50'	30.50'	30.50'	30.50'	30.50'	30.50'	30.50'	30.50'	30.50'	30.50'
Left EOP Elev	273.46	273.68	273.78	273.66	273.54	267.64	265.90	264.58	263.84	262.97	262.73	262.18	261.46
Station Label	97.54	25.00	50.00	75.00	00.00	84.15	00.00	25.00	75.00	00.00	07.15	25.00	50.00
	00.00	20.54	00.00	00.00	20.54	25.00	50.00	75.00	00.00	02.54	25.00	50.00	75.00
	273.48	273.69	273.78	273.66	273.54	267.64	265.90	264.58	263.84	262.97	262.73	262.18	261.46
	39.98	37.48	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50
	272.41	272.68	272.77	272.53	272.12	265.81	263.31	263.75	262.99	263.31	262.12	261.70	261.17

620.54'
-1.0% SE
82' Trans.
From -1% to -3% SE
181.61'
-3.0% Full S.E.

	79+97.54	80+79.54	81+20.54	82+02.54	83+84.15	85+07.15
	Normal Crown Section	82.00' Lt S.E. Transition	123.00' Lt S.E. Transition	Left Side		123.00' Lt S.E. Transition	82.00' Lt S.E. Transition

	79+00	80+00	81+00	82+00	83+00	84+00	85+00
	271.56	270.98	271.78	271.33	272.06	271.65	272.34	272.06	272.54	272.41	272.67	272.62	272.73	272.64	272.72	272.58	272.63	272.46	272.48	272.08	272.25	271.83	271.95	271.41	271.58	271.14	271.14	270.75	270.62	270.15	270.04	269.13	269.38	268.03	268.85	266.96	267.86	266.26	266.99	265.19	266.09	264.00	265.23	262.87	264.43	261.78	263.68	260.87	262.99	260.12	262.36	259.25

SCALE HORIZ: 1"=25' (0 10' 25') VERT: 1"=5' (0 1' 2')

VDOT PROJECT NO.	SHEET NO.
0621-076-265 PWCDOT PROJECT NO. SPR2021-	6A

NOVA DISTRICT

5/4/2021

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

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, LS (703) 334-9302; September 2018
DESIGN BY RDA: Mark A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

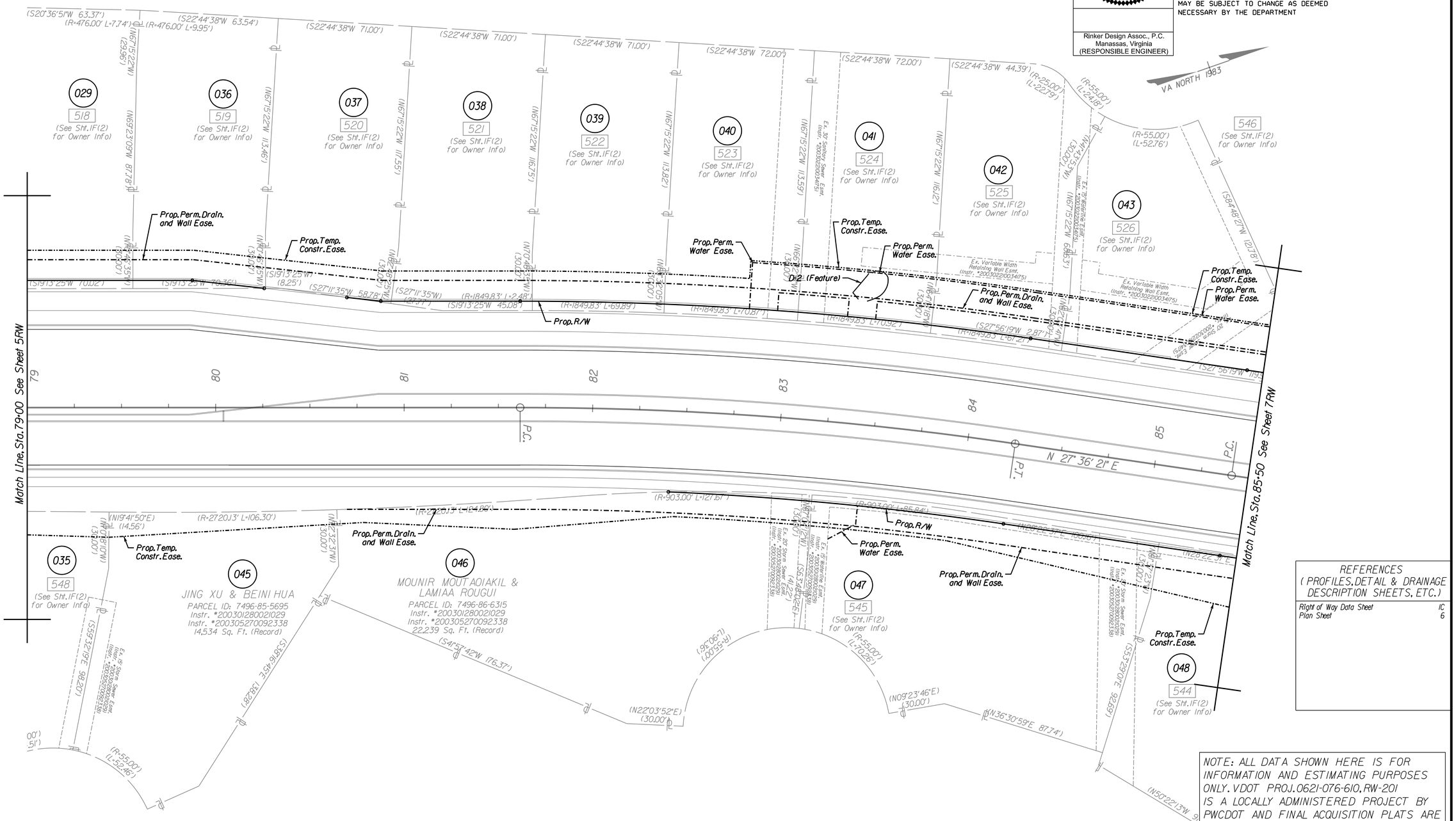
Prop. R/W and Survey Boundary Info.

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	6RW

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



REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Right of Way Data Sheet	1C
Plan Sheet	6

NOTE: ALL DATA SHOWN HERE IS FOR INFORMATION AND ESTIMATING PURPOSES ONLY. VDOT PROJ. 0621-076-610, RW-201 IS A LOCALLY ADMINISTERED PROJECT BY PWCDOT AND FINAL ACQUISITION PLATS ARE REQUIRED AND SHALL BE PROVIDED BY A PROFESSIONAL SURVEYOR.

R/W Legend
Note : Dot - dot - dashed lines denote Temporary Easements
Note : Dot - dashed lines denote Permanent Easements

SCALE	VDOT PROJECT NO.	SHEET NO.
0 25' 50'	0621-076-310 PWCDOT PROJECT NO. SPR2021-___	6RW

NOVA DISTRICT

5/4/2021

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, LS (703) 334-9302; September 2018
DESIGN BY RDA: Mark A. Gunn, PE (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

UTILITY OWNERS
(SEE SHEET 1H)

C ___ Denotes Construction Limits In Cuts
F ___ Denotes Construction Limits In Fills

Roadway Legend

1 Denotes Sl'd.MS-1 Req'd.
3 Denotes Sl'd.MS-2 Req'd.
4 Denotes Sl'd.CG-6 Req'd.
6 Denotes Sl'd.CG-2 Req'd.
13 Denotes Sl'd.CG-12,Type B Req'd.
15 Denotes Full Depth Saw Cut Req'd.
16 Denotes 5' Sidewalk
17 Denotes 10' Shared Use Path
18 Denotes Sl'd.FE-CL Req'd.
23 Denotes Sl'd.HR-1,Type 2 Req'd.
28 Denotes Sl'd.HR-1,Type 3 Req'd.

VA NORTH 1983

Drainage Legend

1 Denotes Pipe/Structure to be Removed
2 Denotes UD-2 Req'd.
3 Denotes UD-3 Req'd.
4 Denotes UD-4 Req'd.
5 Denotes CD-1 Req'd.
6 Denotes CD-2 Req'd.
7 Denotes Pipe/Structure Plugged & Abandoned

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	7

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

546 (See Sht.1F(2) for Owner Info)
527 (See Sht.1F(2) for Owner Info)
526 (See Sht.1F(2) for Owner Info)
544 (See Sht.1F(2) for Owner Info)
543 (See Sht.1F(2) for Owner Info)

043 044 048 049 050 051 053

Match Line, Sta.85+50 See Sheet 6

Match Line, Sta.91+50 See Sheet 8

NOVA DISTRICT

5/4/2021

R/W Legend

Note : Dot - dot - dashed lines denote Temporary Easements
Note : Dot - dot - dashed lines denote Permanent Easements

Noise Wall Legend

Denotes Potential Location of Noise Wall/Barrier

Pavement Legend

Denotes Limits of Full Depth Pave.
Denotes Limits of Mill and Overlay
Denotes Limits of Demo of Pave.
Denotes Limits of Obscuring of Driveway

7A POI Private Driveway, Sta.10+00.00
POI Devlin Rd. Sta.87+93.86
Delta = 90°00'00"

7B POI Private Driveway, Sta.10+00.00
POI Devlin Rd. Sta.87+50.00
Delta = 90°00'00"

7C POI SWM Entr., Sta.10+00.00
POI Devlin Rd. Sta.90+41.57
Delta = 90°00'00"

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

Survey Control Data Sheet	1F and 1F(1)
Construction Geometrics	1G and 1G(1)
Erosion Controls Ph1 & Ph2	TBD
Typical Sections	2A - 2A(2)
Drainage Descriptions	TBD
Profile Route 621	7A
Profile Entr.and Conn.	7B

SCALE 0 25' 50'

VDOT PROJECT NO.	SHEET NO.
0621-076-610 PWCDOT PROJECT NO. SPR2021-___	7

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

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PFI PLANS

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PROJECT MANAGER _ PWCDOT; Khattab Shammout, P.E. (703) 792-7193 _____
SURVEYED BY, DATE _ RDA; Nicholas Kougoulis LS (703) 334-9302; September 2018
DESIGN BY _RDA; Mark A Gunn PE (703) 334-9288 _____
SUBSURFACE UTILITY BY, DATE _Accumark (703) 334-9288; November 2018

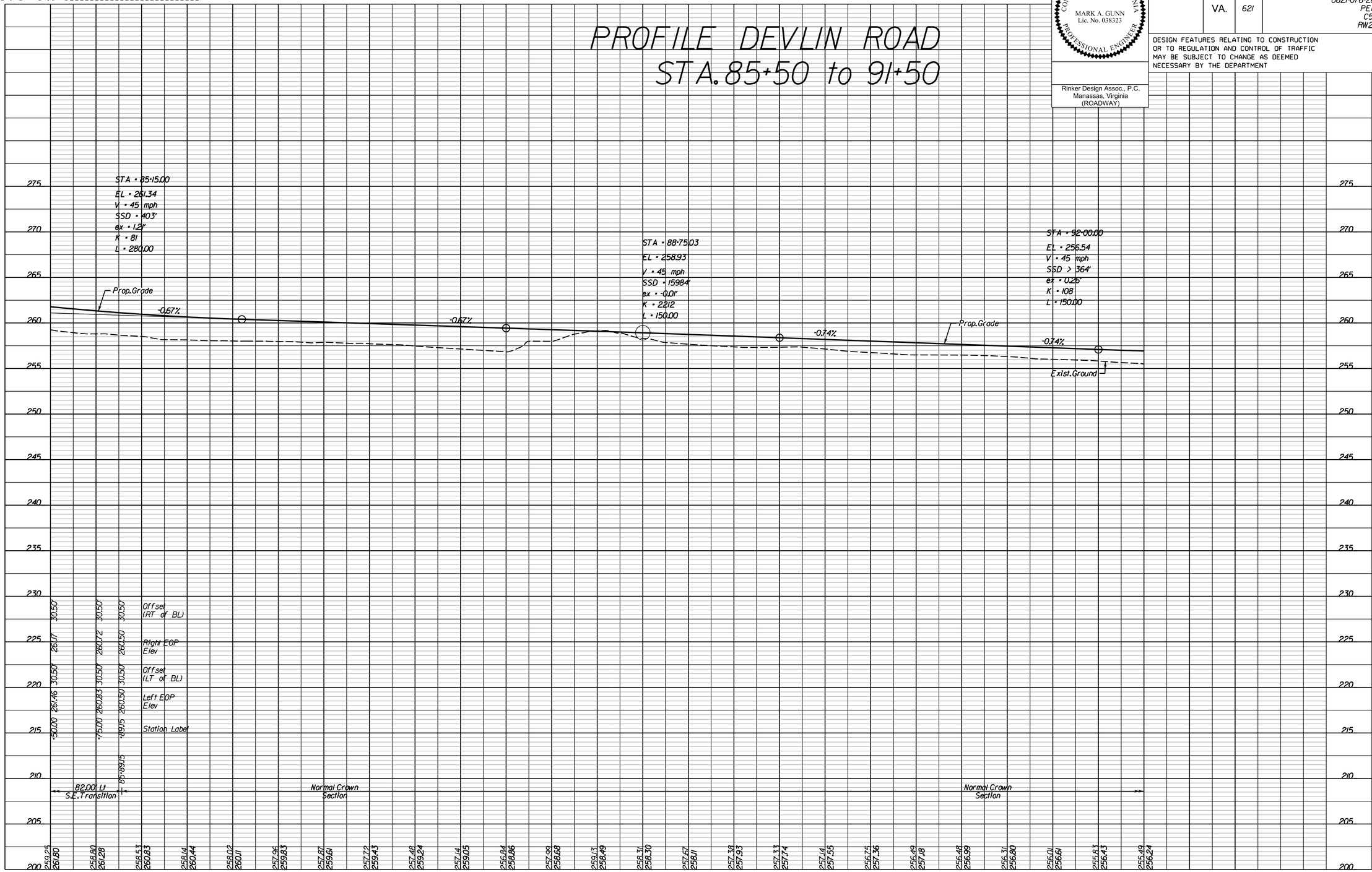
PROFILE DEVLIN ROAD
STA. 85+50 to 91+50

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(ROADWAY)

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-265 PE101 C501 RW201	7A

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



SCALE HORIZ: 1"=25' (0, 10', 25') VERT: 1"=5' (0, 1', 2')

VDOT PROJECT NO.	SHEET NO.
0621-076-265 PWCDOT PROJECT NO. SPR2021-	7A

NOVA DISTRICT

5/4/2021

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

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PFI PLANS

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PROJECT MANAGER _ PWCDOT; Khattab Shammout, P.E. (703) 792-7193 _____
SURVEYED BY, DATE _ RDA; Nicholas Kougoulis LS (703) 334-9302; September 2018
DESIGN BY _RDA; Mark A Gunn PE (703) 334-9288 _____
SUBSURFACE UTILITY BY, DATE _Accumark (703) 334-9288; November 2018

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

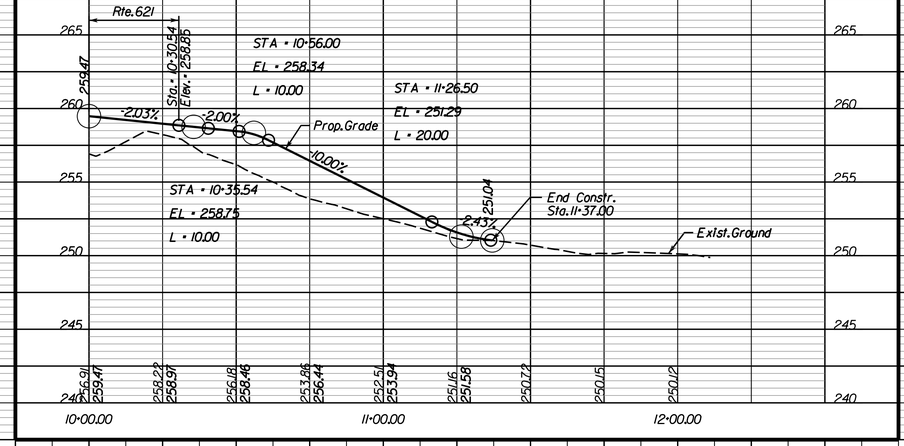
Rinker Design Assoc., P.C.
Manassas, Virginia
(ROADWAY)

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-265 PE101 C501 RW201	7B

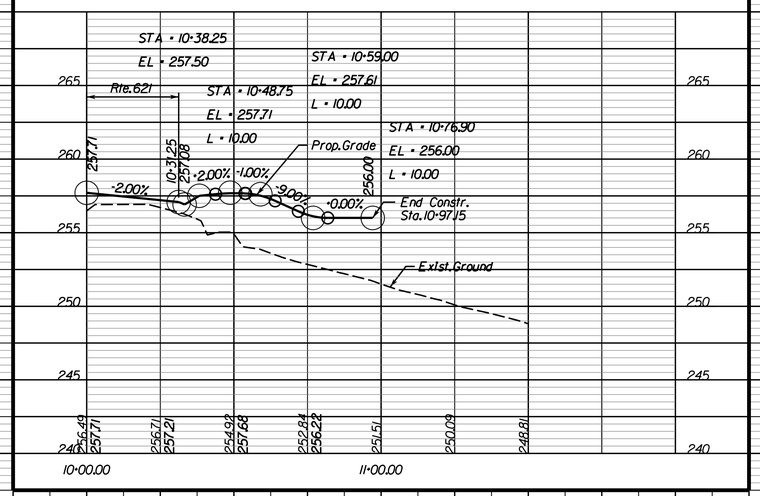
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Entrance Profiles

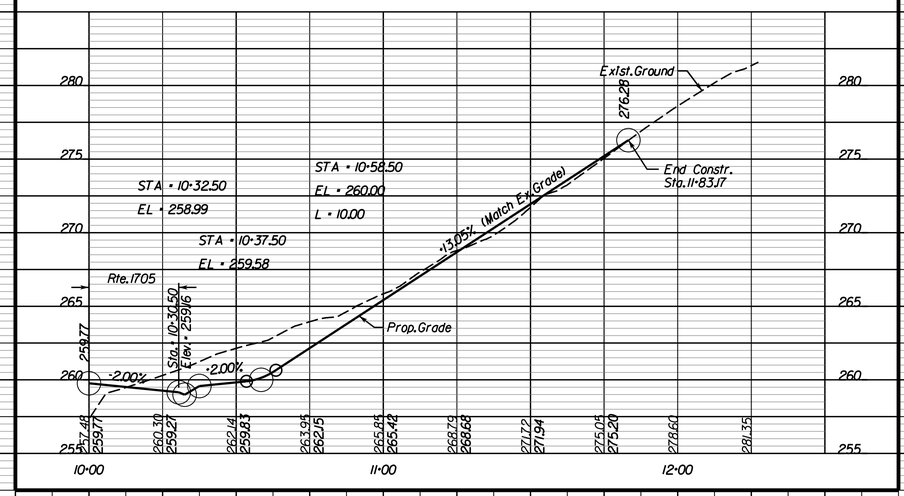
Private Entr.
Sta. 87+93.86 Rt. off of Rte. 621 Constr. Bl.



SWM Pond 7-1 Entr.
Sta. 90+41.57 Rt. off of Rte. 621 Constr. Bl.



Private Entr.
Sta. 87+50.00 Lt. off of Rte. 621 Constr. Bl.



NOVA DISTRICT

5/4/2021

SCALE	VDOT PROJECT NO.	SHEET NO.
HORIZ: 1"=25' (0 10' 25') VERT: 1"=5' (0 1" 2")	0621-076-265 PWCDOT PROJECT NO. SPR2021-___	7B

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

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PFI PLANS

NOVA DISTRICT

5/4/2021

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, L.S. (703) 334-9302; September 2018
DESIGN BY RDA: Mark A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

REVISED	STATE	ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	8

COMMONWEALTH OF VIRGINIA — MARK A. GUNN Lic. No. 038323 — PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

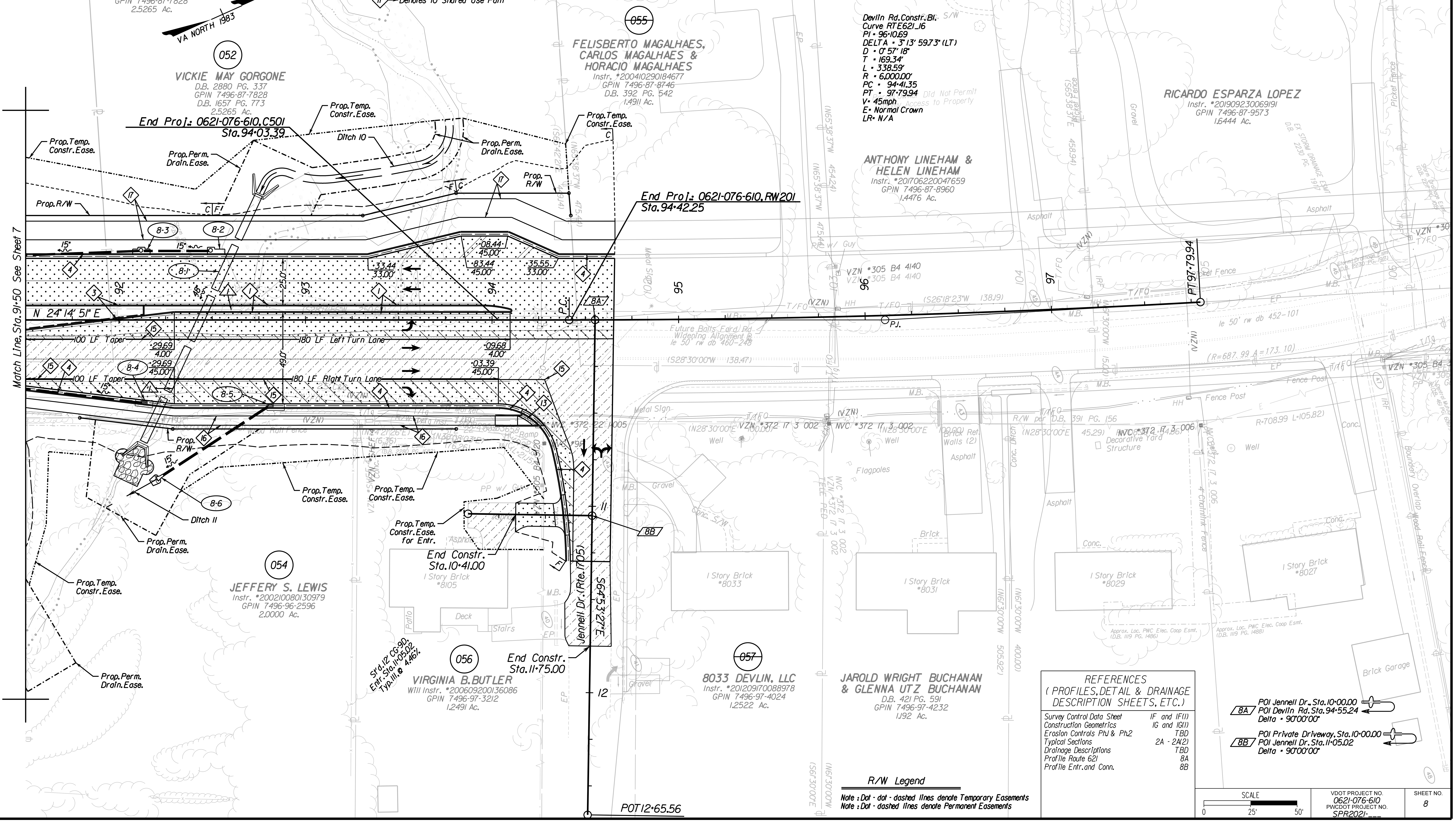
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

UTILITY OWNERS (SEE SHEET 1H)

Roadway Legend
- 1 Denotes St'd. MS-1 Req'd.
- 3 Denotes St'd. MS-2 Req'd.
- 4 Denotes St'd. CG-6 Req'd.
- 13 Denotes St'd. CG-12, Type B Req'd.
- 15 Denotes Full Depth Saw Cut Req'd.
- 16 Denotes 5' Sidewalk
- 17 Denotes 10' Shared Use Path

Drainage Legend
- 1 Denotes Pipe/Structure to be Removed
- 2 Denotes UD-2 Req'd.
- 3 Denotes UD-3 Req'd.
- 4 Denotes UD-4 Req'd.
- 5 Denotes CD-1 Req'd.
- 6 Denotes CD-2 Req'd.
- 7 Denotes Pipe/Structure Plugged & Abandoned

Pavement Legend
- Denotes Limits of Full Depth Pave.
- Denotes Limits of Mill and Overlay
- Denotes Limits of Demo of Pave.


VA NORTH 1983
051 GORGONE VICKIE MAY DB 2880 DP 0337 GPIN 7496-87-7828 2.5265 Ac.
052 VICKIE MAY GORGONE D.B. 2880 PG. 337 GPIN 7496-87-7828 D.B. 1657 PG. 773 2.5265 Ac.
055 FELISBERTO MAGALHAES, CARLOS MAGALHAES & HORACIO MAGALHAES Instr. #200410290184677 GPIN 7496-87-8746 D.B. 392 PG. 542 1.4911 Ac.
Devlin Rd. Constr. Bl. Curve RTE621_16
PI = 96+10.69
DELTA = 3°13' 59.73" (LT)
D = 0°57' 18"
T = 169.34'
L = 338.59'
R = 6,000.00'
PC = 94+41.35
PT = 97+79.94
V= 45mph
E= Normal Crown
LR= N/A
ANTHONY LINEHAM & HELEN LINEHAM Instr. #201706220047659 GPIN 7496-87-8960 1.4476 Ac.
RICARDO ESPARZA LOPEZ Instr. #201909230069191 GPIN 7496-87-9573 1.6444 Ac.
1 Story Brick #8030
End Proj.: 0621-076-610, C501 Sta. 94+03.39
End Proj.: 0621-076-610, RW201 Sta. 94+42.25
Prop. Temp. Constr. Ease.
Prop. Perm. Drain. Ease.
Prop. R/W
Ditch 10
Ditch 11
N 24° 14' 51" E
Match Line, Sta. 91+50 See Sheet 7
100 LF Taper
180 LF Left Turn Lane
180 LF Right Turn Lane
PT 97+79.94
Future Balls Ford Rd. Widening Alignment
054 JEFFERY S. LEWIS Instr. #200210080130979 GPIN 7496-96-2596 2.0000 Ac.
1 Story Brick #8105
End Constr. Sta. 10+41.00
End Constr. Sta. 11+75.00
Prop. Temp. Constr. Ease. for Entr.
Jennell Dr. (Rte. 1705)
S64°53'27"E
Std. 12' CG-9D, Entr. Sta. 11+05.02, Typ. III, @ 4.46%
056 VIRGINIA B. BUTLER Will Instr. #200609200136086 GPIN 7496-97-3212 1.2491 Ac.
057 8033 DEVLIN, LLC Instr. #201209170088978 GPIN 7496-97-4024 1.2522 Ac.
1 Story Brick #8033
JAROLD WRIGHT BUCHANAN & GLENNA UTZ BUCHANAN D.B. 421 PG. 591 GPIN 7496-97-4232 1.192 Ac.
1 Story Brick #8031
1 Story Brick #8029
1 Story Brick #8027
Brick Garage
POT 12+65.56
8A POI Jennell Dr. Sta. 10+00.00 POI Devlin Rd. Sta. 94+55.24 Delta = 90°00'00"
8B POI Private Driveway, Sta. 10+00.00 POI Jennell Dr. Sta. 11+05.02 Delta = 90°00'00"
NOVA DISTRICT

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

Survey Control Data Sheet	1F and 1F(1)
Construction Geometrics	1G and 1G(1)
Erosion Controls Ph1 & Ph2	TBD
Typical Sections	2A - 2A(2)
Drainage Descriptions	TBD
Profile Route 621	8A
Profile Entr. and Conn.	8B

R/W Legend
Note: Dot - dot - dashed lines denote Temporary Easements
Note: Dot - dashed lines denote Permanent Easements

SCALE 0 25' 50'

VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-___ SHEET NO. 8

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

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PFI PLANS

5/4/2021 1:43:52 PM | 35x23 (in.) | L:\DesignAid-Fred\Plot-Drivers\default_rda_25.tbl | default_rda_25.tbl | L:\DesignAid-Fred\PLOT-Drivers\Imperial\025-Plan VDOTLD Local PDF.pltcfg | 25.00 ft / in. | 118253008a.dgn | Plotted By: klovlng

PROJECT MANAGER _ PWCDOT; Khattab Shammout, P.E. (703) 792-7193 _____
SURVEYED BY, DATE _ RDA; Nicholas Kougoulis LS (703) 334-9302; September 2018
DESIGN BY _RDA; Mark A Gunn PE (703) 334-9288 _____
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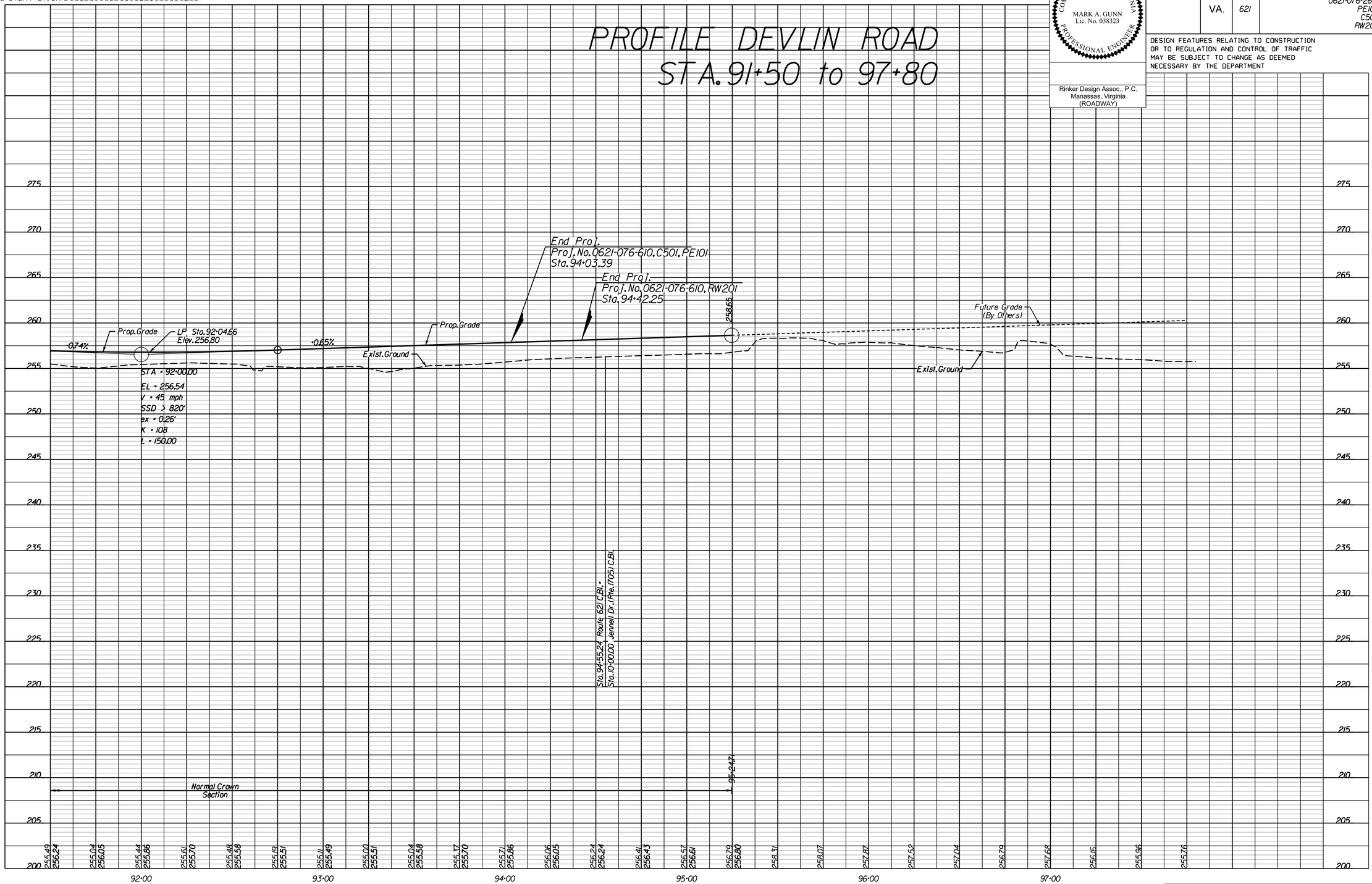
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(ROADWAY)

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-265 PE101 C501 RW201	8A

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

PROFILE DEVLIN ROAD
STA. 91+50 to 97+80



SCALE HORIZ: 1"=25' (0, 10', 25') VERT: 1"=5' (0, 1', 2')

VDOT PROJECT NO.	SHEET NO.
0621-076-265 PWCDOT PROJECT NO. SPR2021-___	8A

NOVA DISTRICT

5/4/2021

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.

PFI PLANS

Cell Revised 12/11/12

5/4/2021 9:00:34 AM | 35x23 (In) L:\DesignAid-Fred\Plot-Drivers\default_rda_25.tbl | default_rda_25.tbl L:\DesignAid-Fred\PLOT-Drivers\Imperial\025-Plan VDOTLD Local PDF.pltcfg | 25.00 ft / in. | 118253008bdgn Plotted By: kloving

PROJECT MANAGER _ PWCDOT; Khottab Shammout, P.E. (703) 792-7193 _____
SURVEYED BY, DATE _ RDA; Nicholas Kougoulis LS (703) 334-9302; September 2018
DESIGN BY _RDA; Mark A Gunn PE (703) 334-9288 _____.
SUBSURFACE UTILITY BY, DATE _Accumark (703) 334-9288; November 2018

Connection & Entrance Profiles

COMMONWEALTH OF VIRGINIA
MARK A. GUNN
Lic. No. 038323
PROFESSIONAL ENGINEER

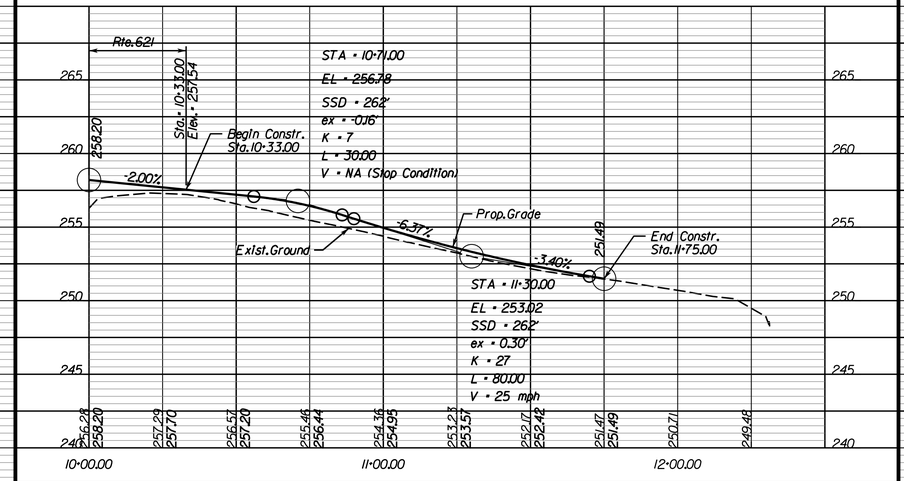
Rinker Design Assoc., P.C.
Manassas, Virginia
(ROADWAY)

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-265 PE101 C501 RW201	8B

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

Jennell Dr. (Rte. 1705)

Sta. 94+55.24 Rt. off of Rte. 621 Constr. Bl.



Private Entr.

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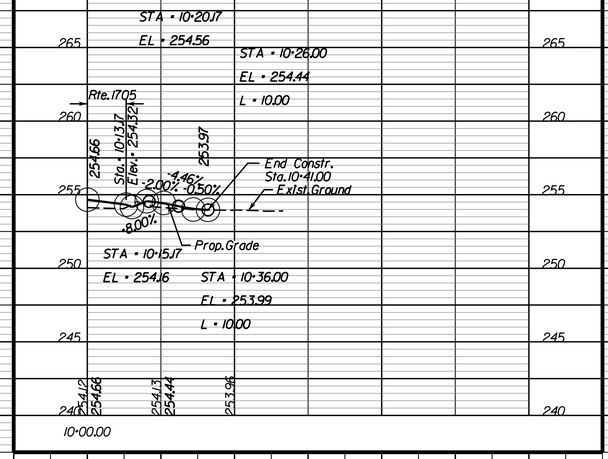

NOVA DISTRICT

5/4/2021

SCALE HORIZ: 1"=25' (0, 10', 25') VERT: 1"=5' (0, 1, 2)

VDOT PROJECT NO.	SHEET NO.
0621-076-265	8B
PWCDOT PROJECT NO. SPR2021-	

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

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PFI PLANS

NOVA DISTRICT

5/4/2021

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PFI PLANS

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, LS (703) 334-9302, September 2018
DESIGN BY RDA: Mark A. Gunn, PE (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Roadway Lighting Plan

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	12(5)

COMMONWEALTH OF VIRGINIA — MARK A. GUNN Lic. No. 038323 — PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

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

UTILITY OWNERS
(SEE SHEET IH)

Match Line, Sta. 72+00 See Sheet 4

Match Line, Sta. 79+00 See Sheet 6

NOVA DISTRICT

Fog Light Wy. (Rte. 3631)

Pike Branch Wy. (Rte. 3624)

N 70° 44' 52" W

S 70° 44' 52" E

N 19° 15' 08" E

POT12+41.85

POT12+40.33

VA NORTH 1983

Prop. Perm. Drain. and Wall Ease.
Prop. Temp. Constr. Ease.
Prop. R/W
Std. 2" Conduit Req'd.
Std. JB-S3 Req'd. Sta. 13+14.60, 53.85' Lt. Devlin Rd. C.Bl.
DE Pole (By Others) Sta. 14+46.76, 47.99' Lt. Neabsco Mills Rd. C.Bl.
DE 250w LED (By Others)
Std. 2" Bored Conduit Req'd.
Contractor Not to Disturb Exist. Sign
Contractor Not to Disturb Exist. Shed.
Entr. Constr. Bl. (See Sht. IG for more Bl. Alignment Info)

R/W Legend

Note: Dot - dot - dashed lines denote Temporary Easements
Note: Dot - dashed lines denote Permanent Easements

Noise Wall Legend

Denotes Potential Location of Noise Wall/Barrier

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

Survey Control Data Sheet	IF and IF(1)
Construction Geometrics	IG and IG(1)
Erosion Controls Ph1 & Ph2	TBD
Typical Sections	2A - 2A(2)
Drainage Descriptions	TBD
Profile Route 621	5A
Profile Entr. and Conn.	5B

SCALE 0 25' 50'

VDOT PROJECT NO. 0621-076-310
PWCDOT PROJECT NO. SPR2021-___

SHEET NO. 12(5)

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

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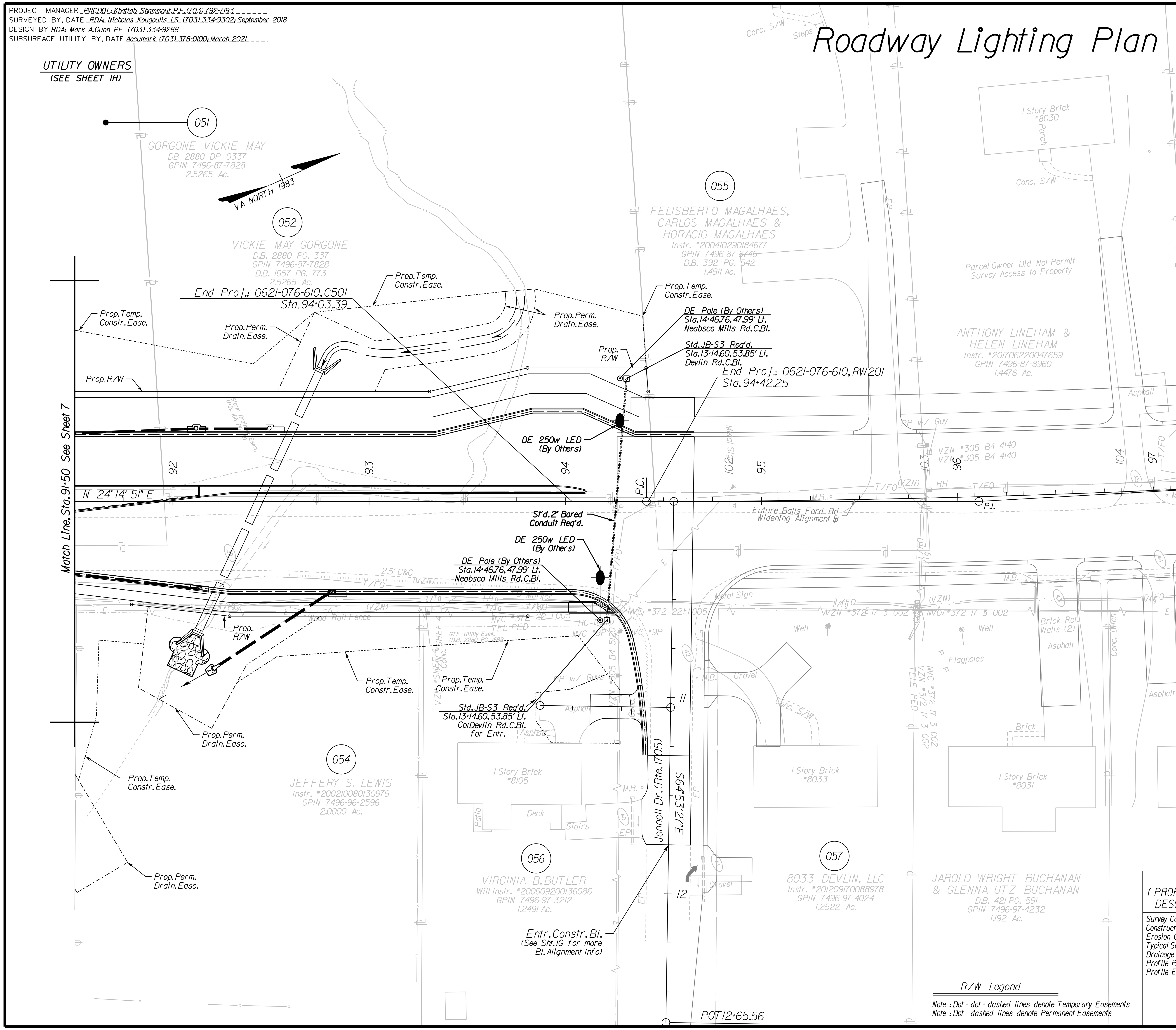
PFI PLANS

5/4/2021

PROJECT MANAGER PWCDOT: Khattab Shammout, P.E. (703) 792-7193
SURVEYED BY, DATE RDA: Nicholas Kougoulis, L.S. (703) 334-9302; September 2018
DESIGN BY RDA: Mark A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

UTILITY OWNERS
(SEE SHEET 1H)

Roadway Lighting Plan



REVISED	STATE	ROUTE	VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	12(8)

MARK A. GUNN Lic. No. 038323 — COMMONWEALTH OF VIRGINIA PROFESSIONAL ENGINEER

Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

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

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

Survey Control Data Sheet	1F and 1F(1)
Construction Geometrics	1G and 1G(1)
Erosion Controls Ph1 & Ph2	TBD
Typical Sections	2A - 2A(2)
Drainage Descriptions	TBD
Profile Route 621	8A
Profile Entr. and Conn.	8B

R/W Legend
Note: Dot - dot - dashed lines denote Temporary Easements
Note: Dot - dashed lines denote Permanent Easements

SCALE 0 25' 50'

VDOT PROJECT NO. 0621-076-310
PWCDOT PROJECT NO. SPR2021-___
SHEET NO. 12(8)

NOVA DISTRICT

5/4/2021

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PFI PLANS

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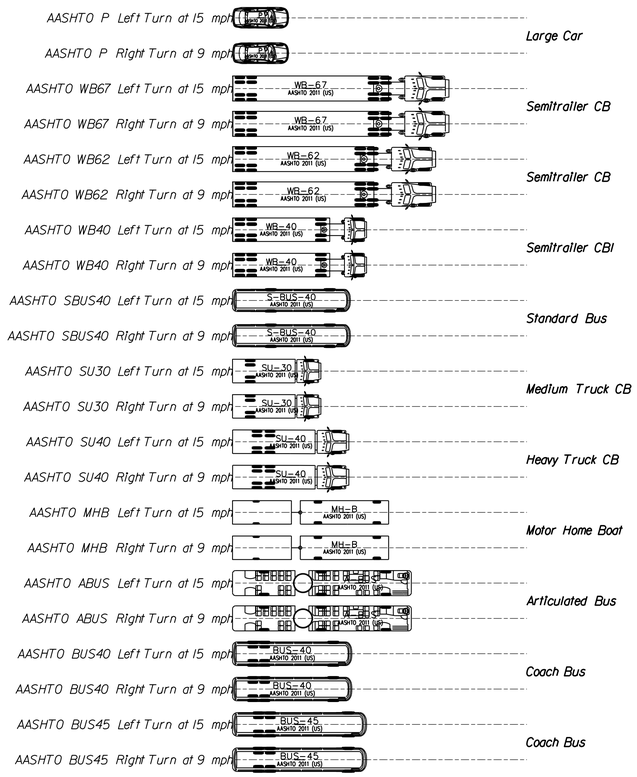
AutoTURN Legend and Notes

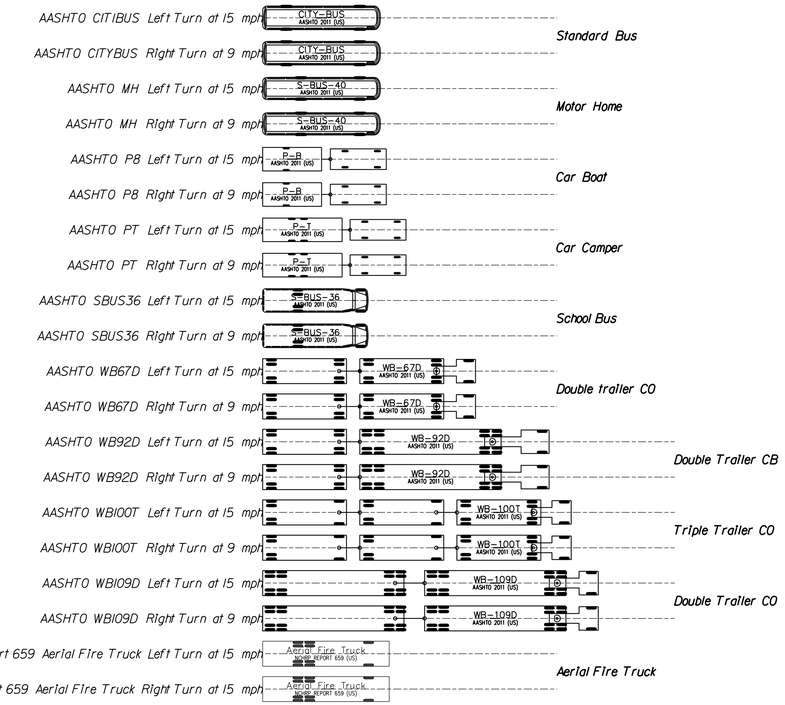
REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 P.E101 C501 RW201	20

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

AASHTO 2011 AUTOTURN LEGEND



AASHTO 2011 AUTOTURN LEGEND CONT...



AutoTURN Notes and Program Information

AutoTURN is not intended to be a source for design information. The software must be used in conjunction with the most currently available design guidelines for the local jurisdiction.

Interpretation of Program Results

AutoTURN is primarily a kinematic model, meaning that it does not account for the forces resulting from vehicle inertia or road surface conditions other than dry pavement.
AutoTURN produces geometrically idealized results that may be difficult to replicate exactly under actual field driving and road conditions. A successfully run AutoTURN simulation does NOT suggest that all drivers can follow the defined path in real conditions, NOR does it imply that other driveable paths between the desired start and end positions are not possible.
For the above reasons, AutoTURN results should be used conservatively, with ample allowances added for clearances between vehicle tire track The track of a vehicle is defined as the distance between the outside edges of the outermost tires on the left and right sides, or swept path The swept path of a vehicle is the envelope swept out by the sides of the vehicle body, or any other part of the structure of the vehicle. A swept path determines whether the vehicle will make contact with vertical obstructions. Create a swept path simulation by selecting the Vehicle body envelope In Simulation Properties, envelopes Envelopes refer to the lines traced out by the selected vehicle elements, the vehicle load, or clearances from these elements. See Swept Path and Tire Tracks. and road edges or obstructions.

Surface Conditions

All movmenets have been simulated using dry roadway surfaces. AutoTURN may produce inaccurate results if other conditions are simulated.

Tight Maneuvers with Standard Vehicles

The standard design vehicles provided with AutoTURN have turn limitations derived from the turning templates contained in the Design Manuals published by the corresponding jurisdictions. The primary purpose of these design manuals is to provide guidance for typical road design conditions.

Acceleration

AutoTURN does not consider vehicle acceleration or deceleration. When simulations are generated from a stopped position, or to a stopped position, the vehicle is assumed to reach its final speed, or come to a stop, in a short enough distance that it can be ignored when determining the turn radius

	VDOT PROJECT NO.	SHEET NO.
	0621-076-610	20
	PWCDOT PROJECT NO. SPR2021-___	

NOVA DISTRICT

5/4/2021

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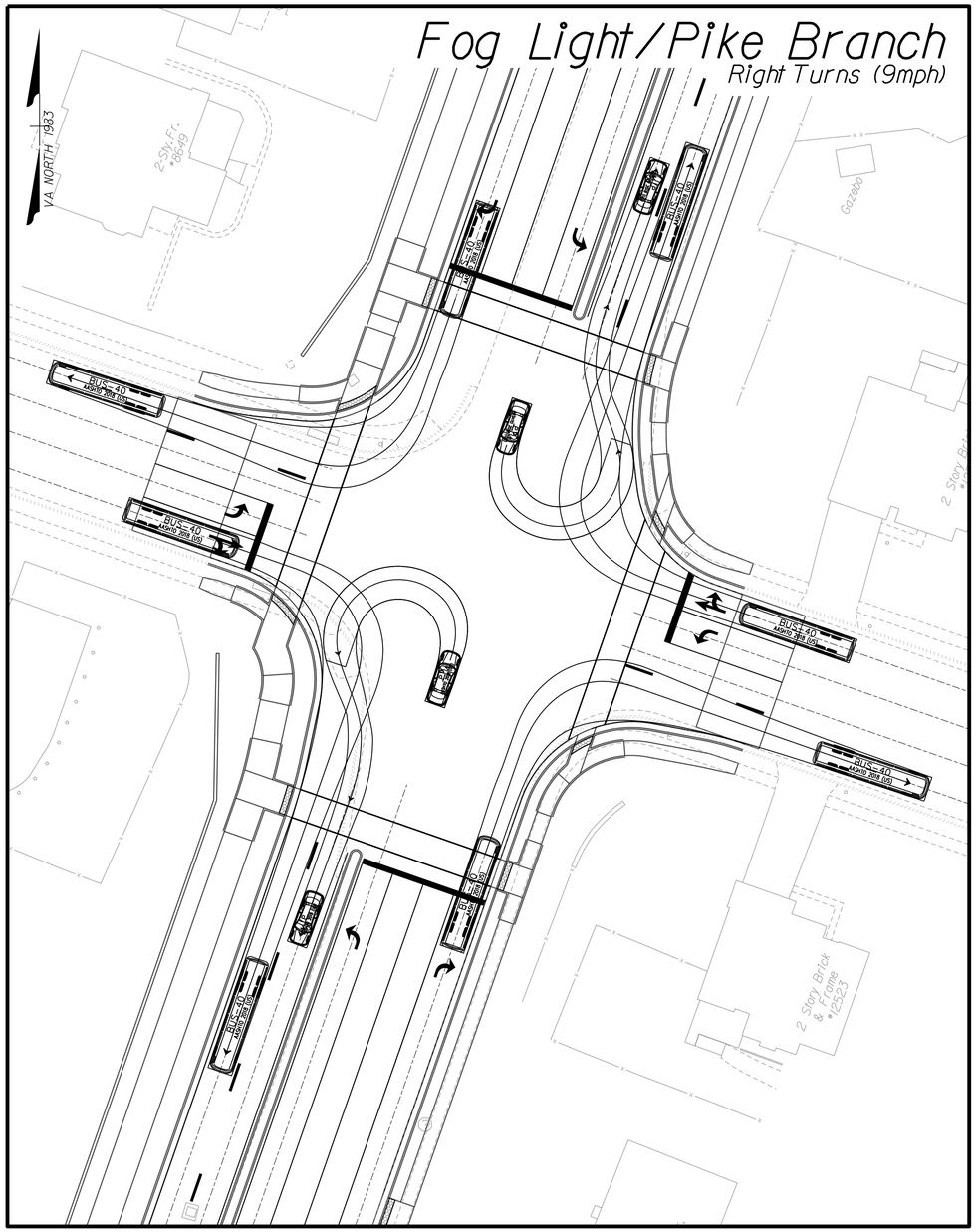
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

AutoTURN Intersection Movements

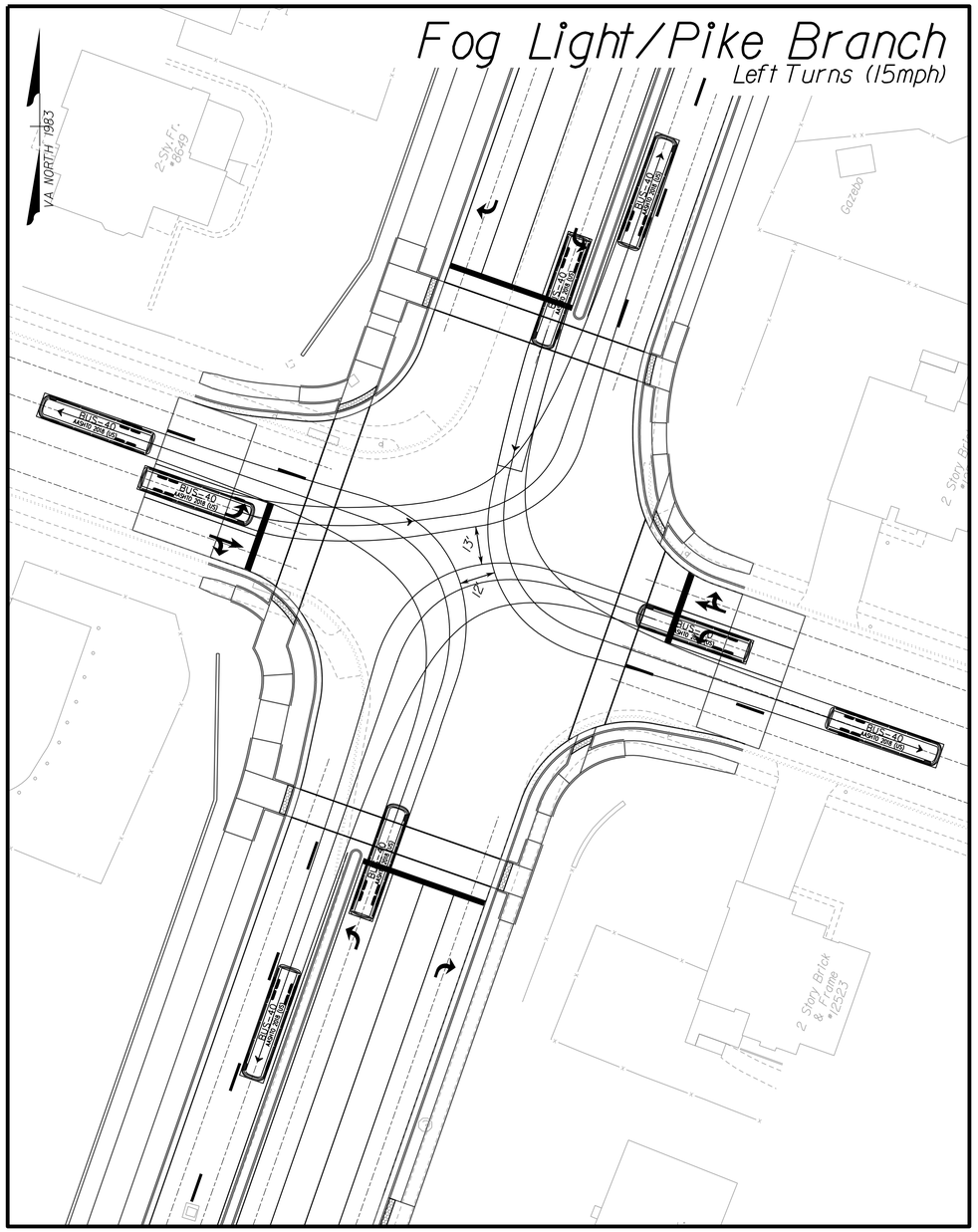
REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 P.E.101 C501 RW201	20(1)

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

Fog Light/Pike Branch
Right Turns (9mph)



Fog Light/Pike Branch
Left Turns (15mph)



NOVA DISTRICT

5/4/2021

SCALE	VDOT PROJECT NO.	SHEET NO.
0 25' 50'	0621-076-610 PWCDOT PROJECT NO. SPR2021-___	20(1)

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

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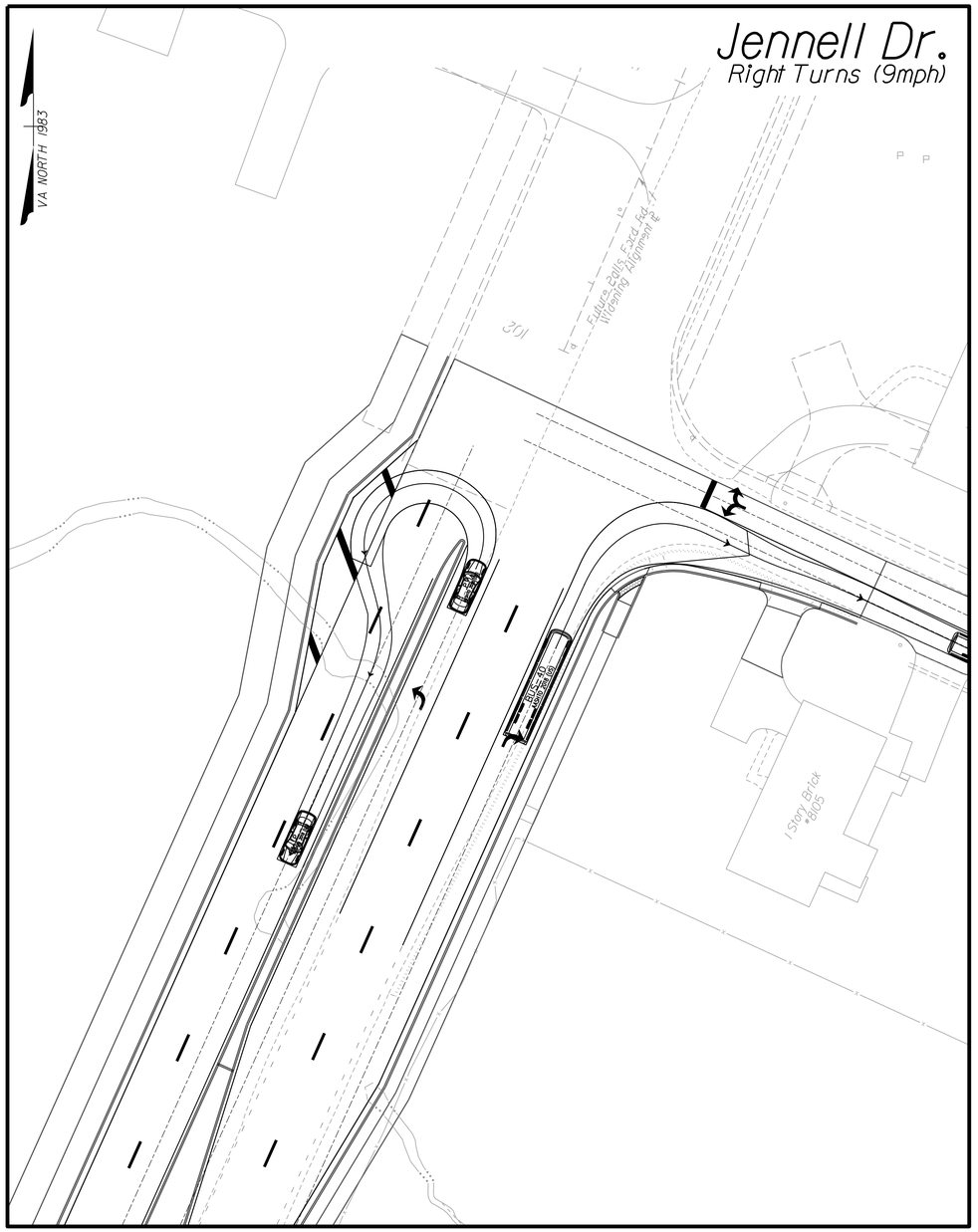
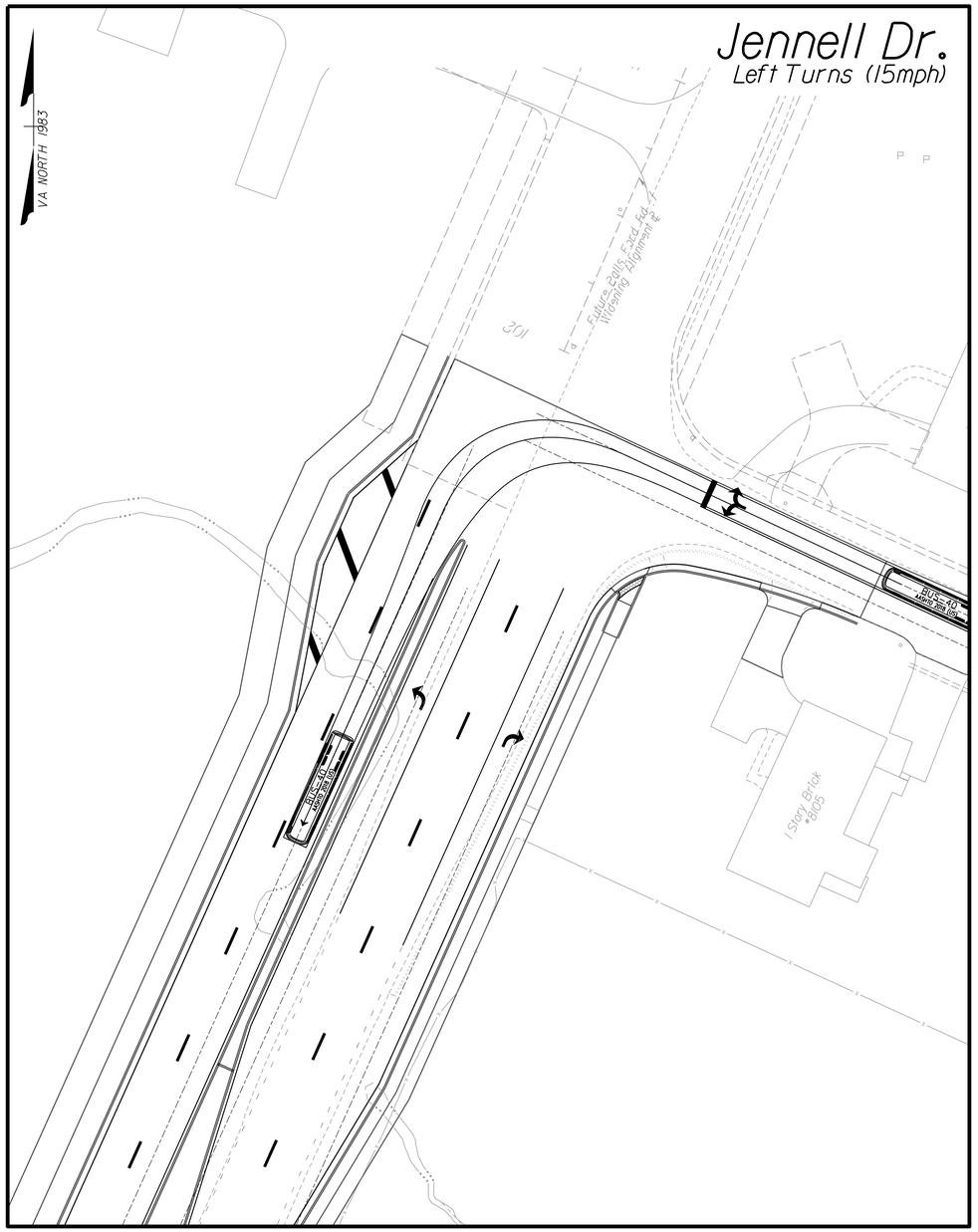
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

AutoTURN Intersection Movements

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	20(2)

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





NOVA DISTRICT

5/4/2021

SCALE	VDOT PROJECT NO.	SHEET NO.
0 25' 50'	0621-076-610 PWCDOT PROJECT NO. SPR2021-___	20(2)

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

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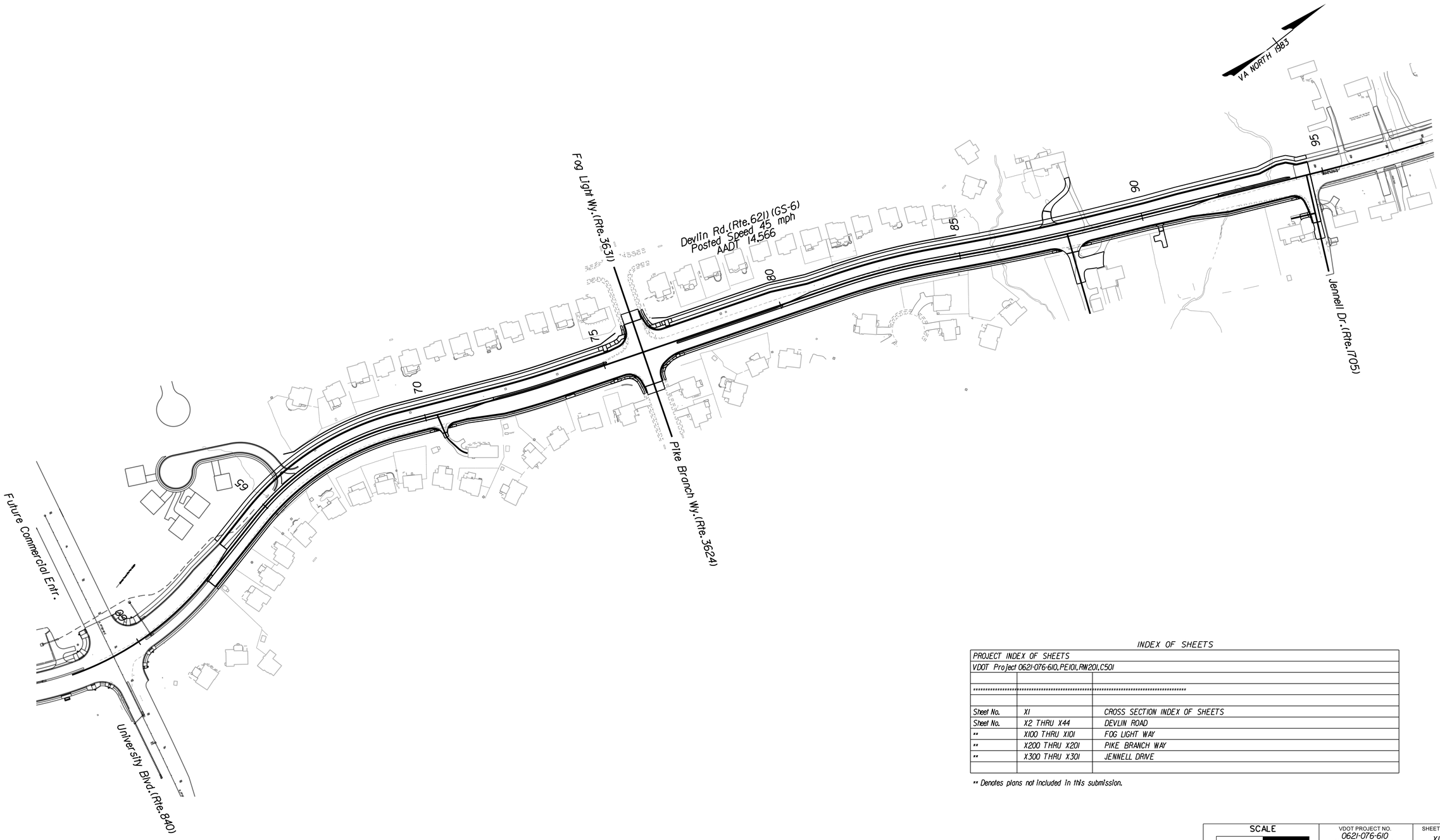
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March 2021

Cross Section Index of Sheets

REVISED	STATE	STATE ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 C501 RW201	X1

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



INDEX OF SHEETS

PROJECT INDEX OF SHEETS		
VDOT Project 0621-076-610,PE101,RW201,C501		
**********	**********	**********
Sheet No.	X1	CROSS SECTION INDEX OF SHEETS
Sheet No.	X2 THRU X44	DEVLIN ROAD
**	X100 THRU X101	FOG LIGHT WAY
**	X200 THRU X201	PIKE BRANCH WAY
**	X300 THRU X301	JENNELL DRIVE

** Denotes plans not included in this submission.

SCALE	VDOT PROJECT NO.	SHEET NO.
0' 125' 250'	0621-076-610 PWCDOT PROJECT NO. SPR2021-___	X1

NOVA DISTRICT

5/4/2021

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PFI PLANS

5/4/2021
8:39:50 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

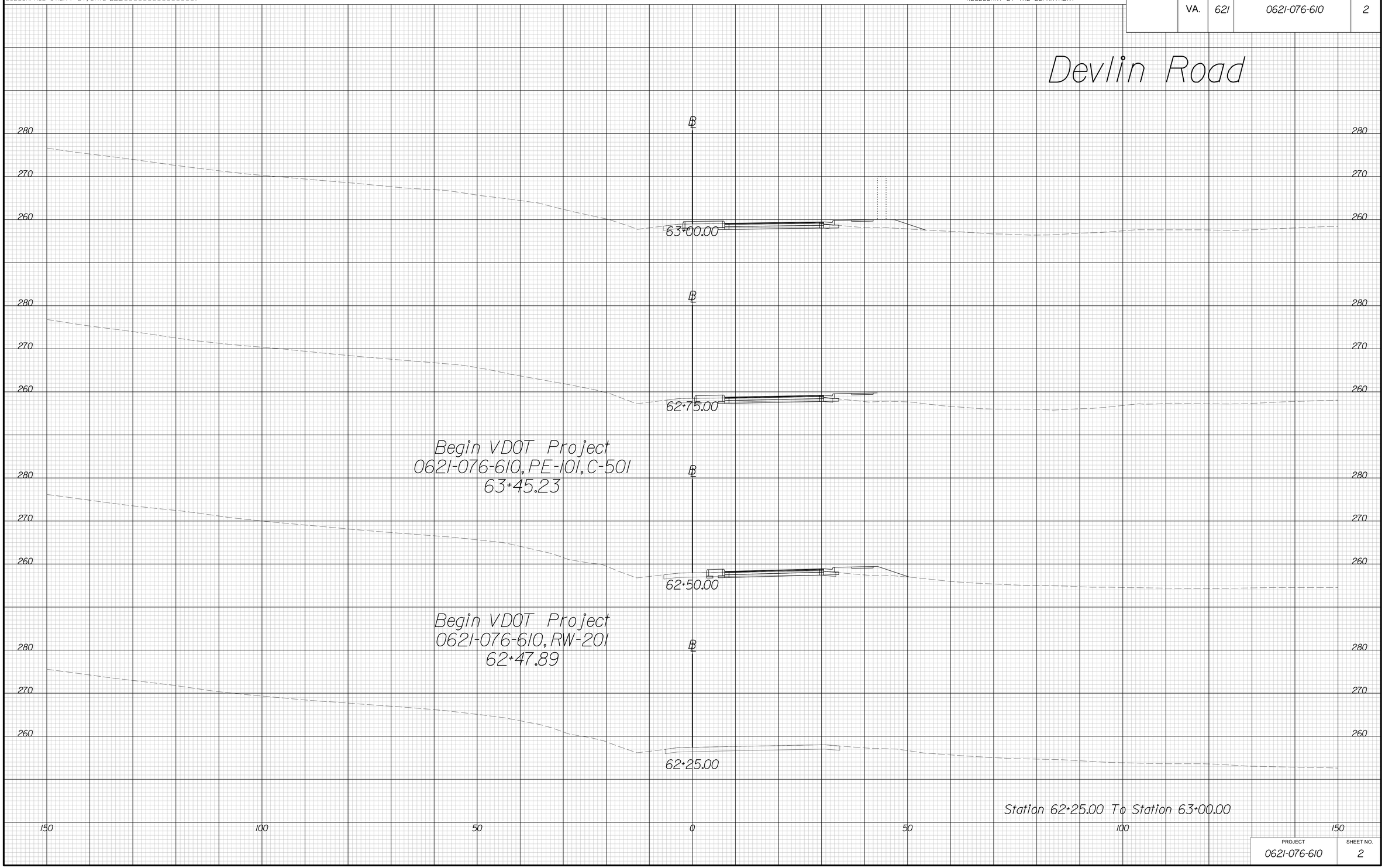
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	2

Devlin Road



Station 62+25.00 To Station 63+00.00

PROJECT	SHEET NO.
0621-076-610	2

5/4/2021
8:39:54 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

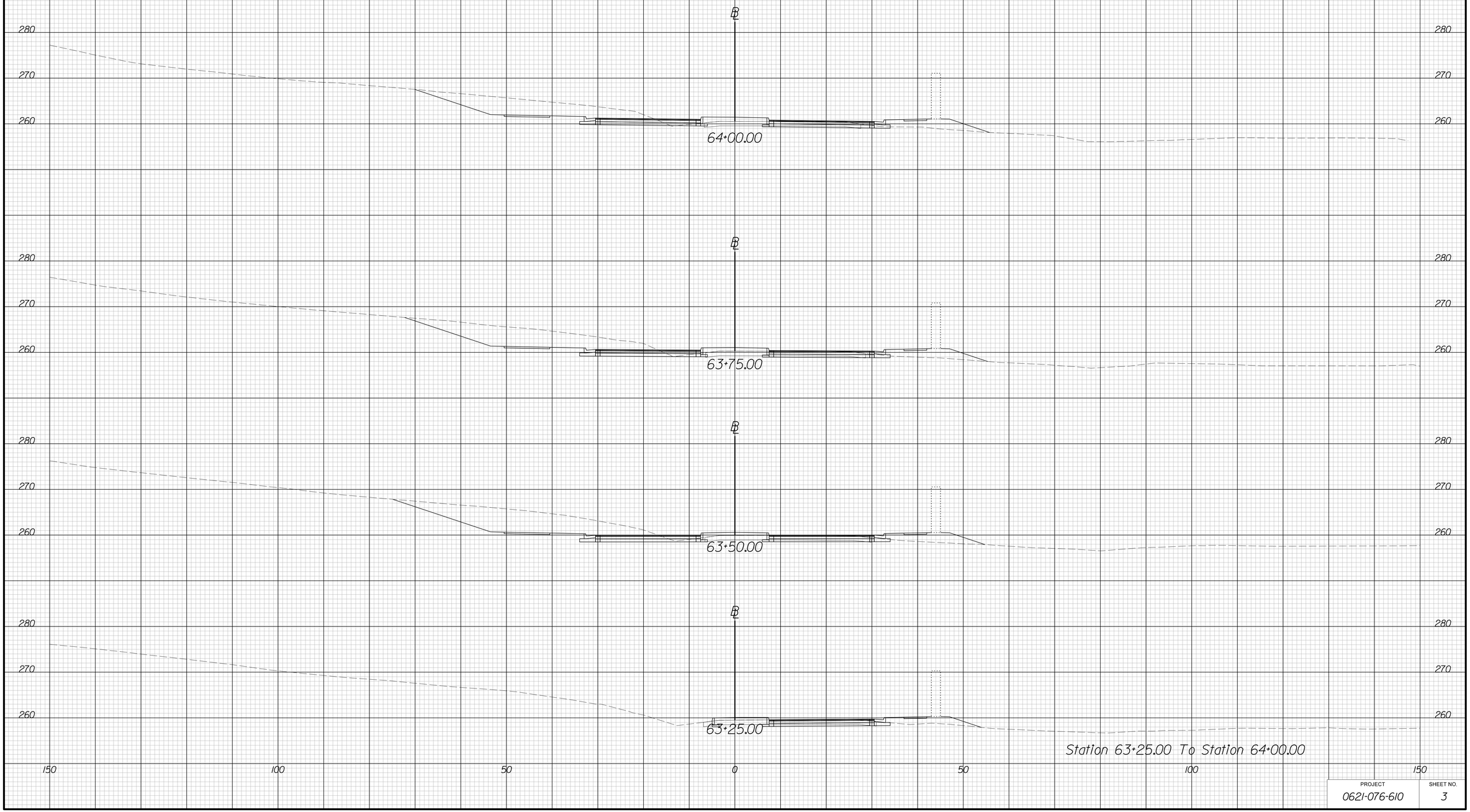
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	3

Devlin Road



Station 63+25.00 To Station 64+00.00

PROJECT	SHEET NO.
0621-076-610	3

5/4/2021
8:39:59 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

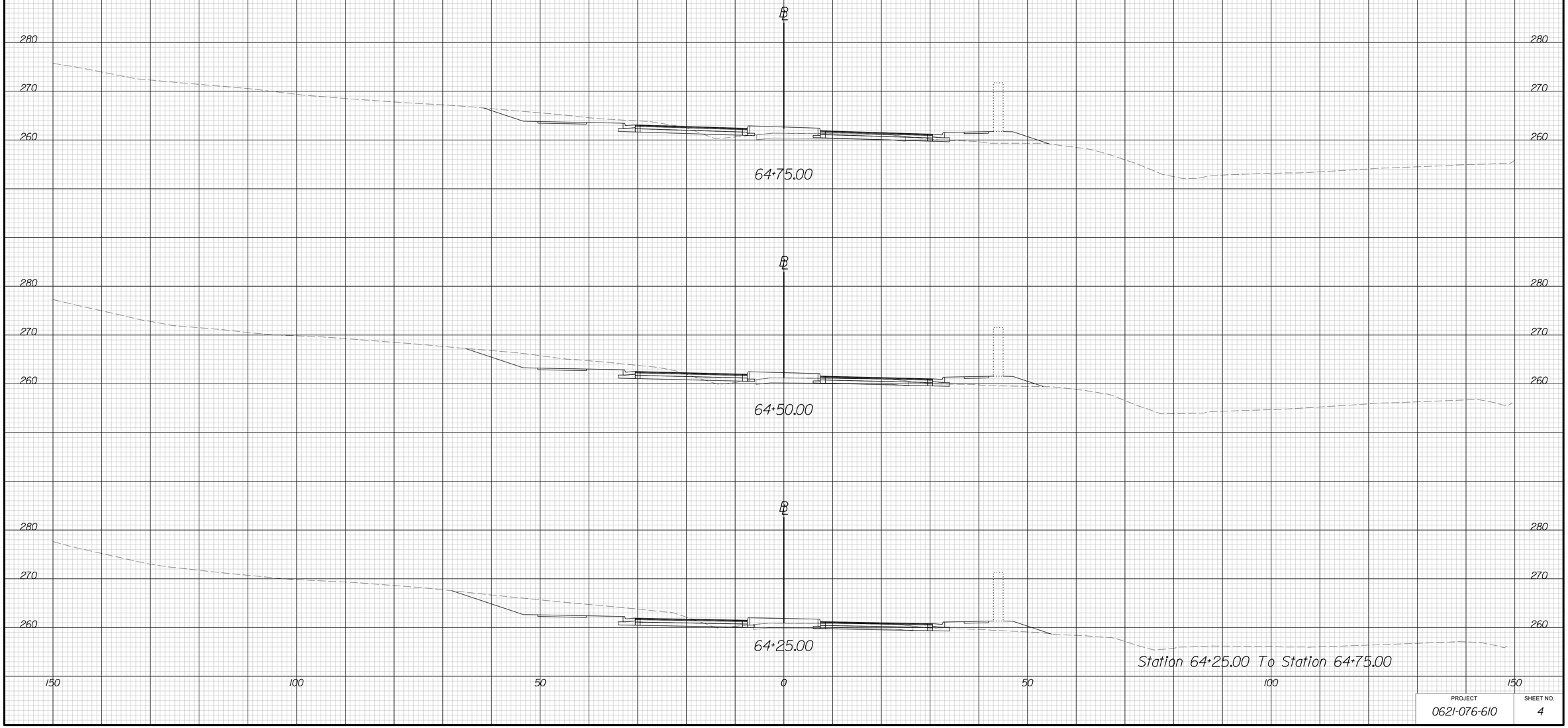
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	4

Devlin Road



Station 64+25.00 To Station 64+75.00

PROJECT	SHEET NO.
0621-076-610	4

5/4/2021
8:40:03 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

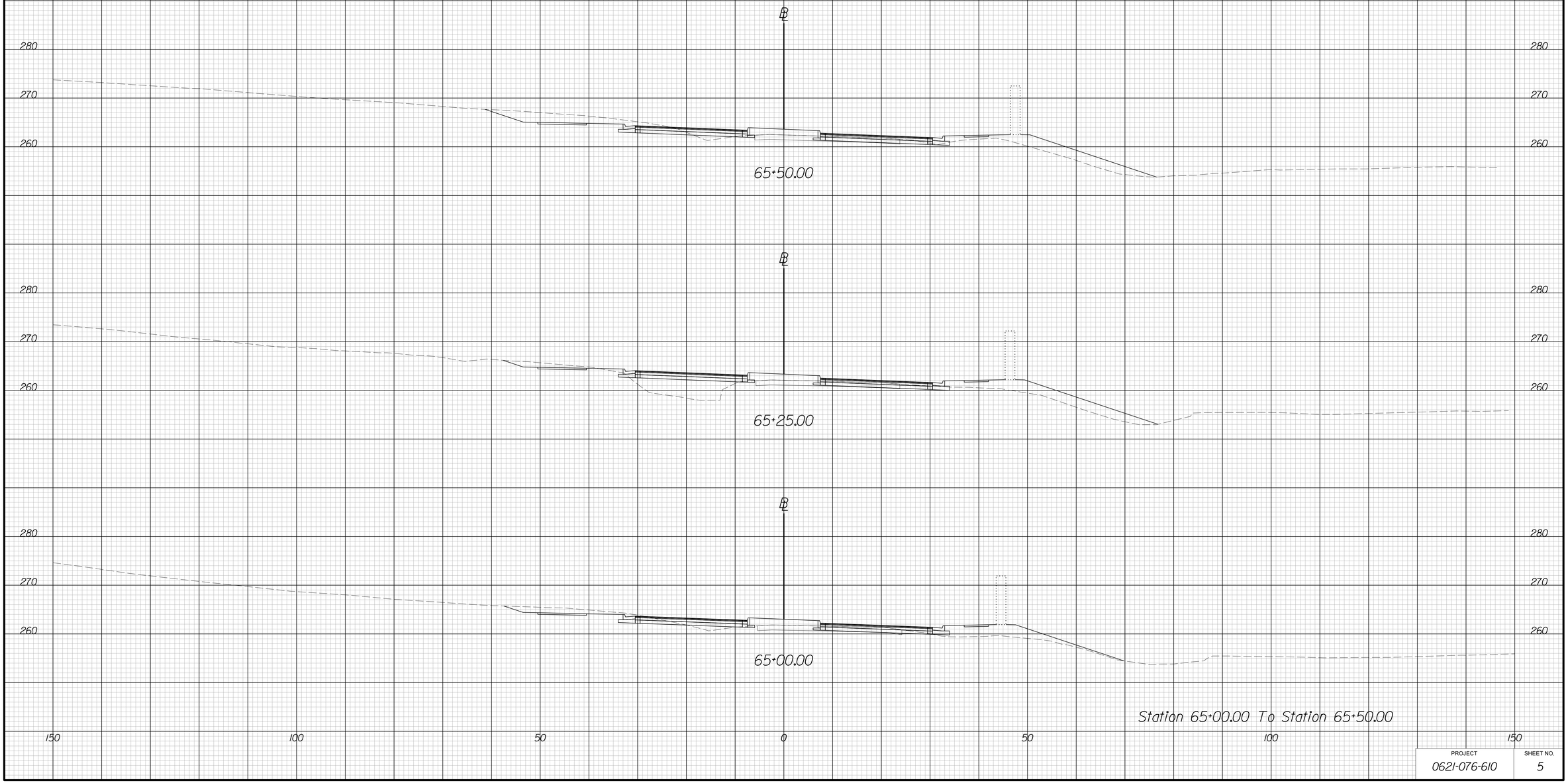
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	5

Devlin Road



Station 65+00.00 To Station 65+50.00

PROJECT	SHEET NO.
0621-076-610	5

5/4/2021
8:40:07 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

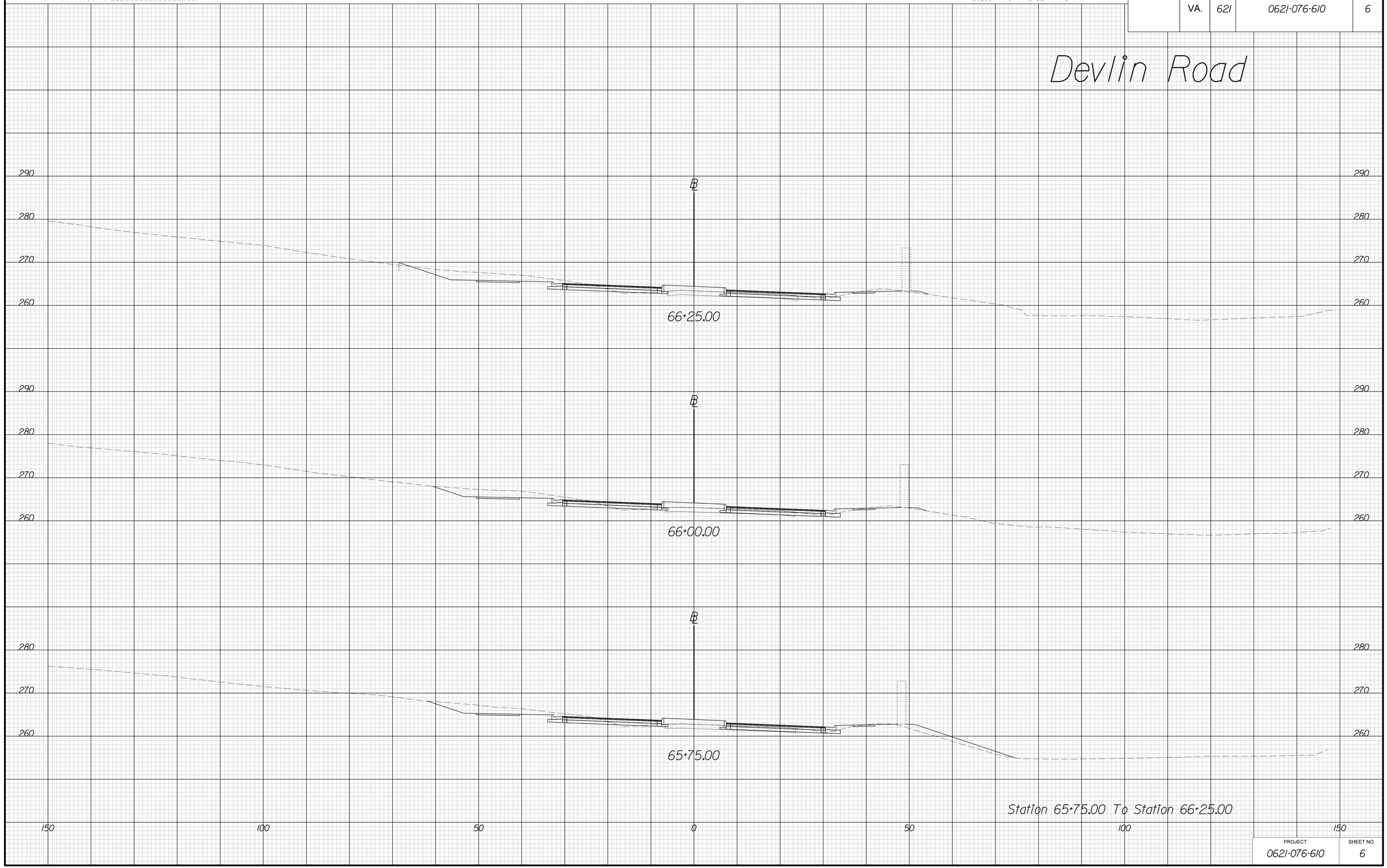
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	6

Devlin Road



Station 65+75.00 To Station 66+25.00

PROJECT	SHEET NO.
0621-076-610	6

5/4/2021
8:40:12 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

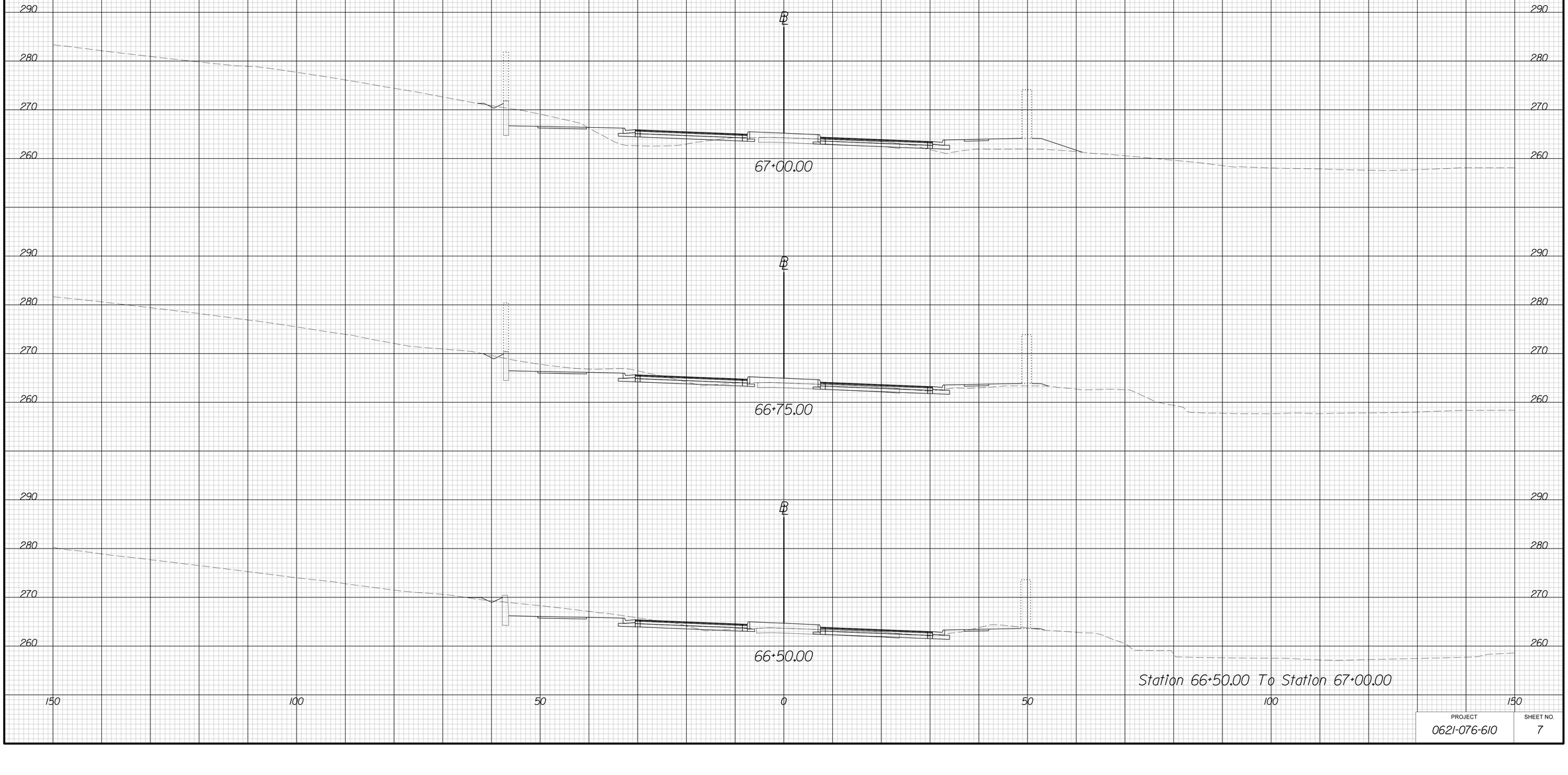
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	7

Devlin Road



Station 66+50.00 To Station 67+00.00

PROJECT	SHEET NO.
0621-076-610	7

5/4/2021
8:40:16 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

CROSS SECTIONS

SCALE 1 IN. = 10 FT

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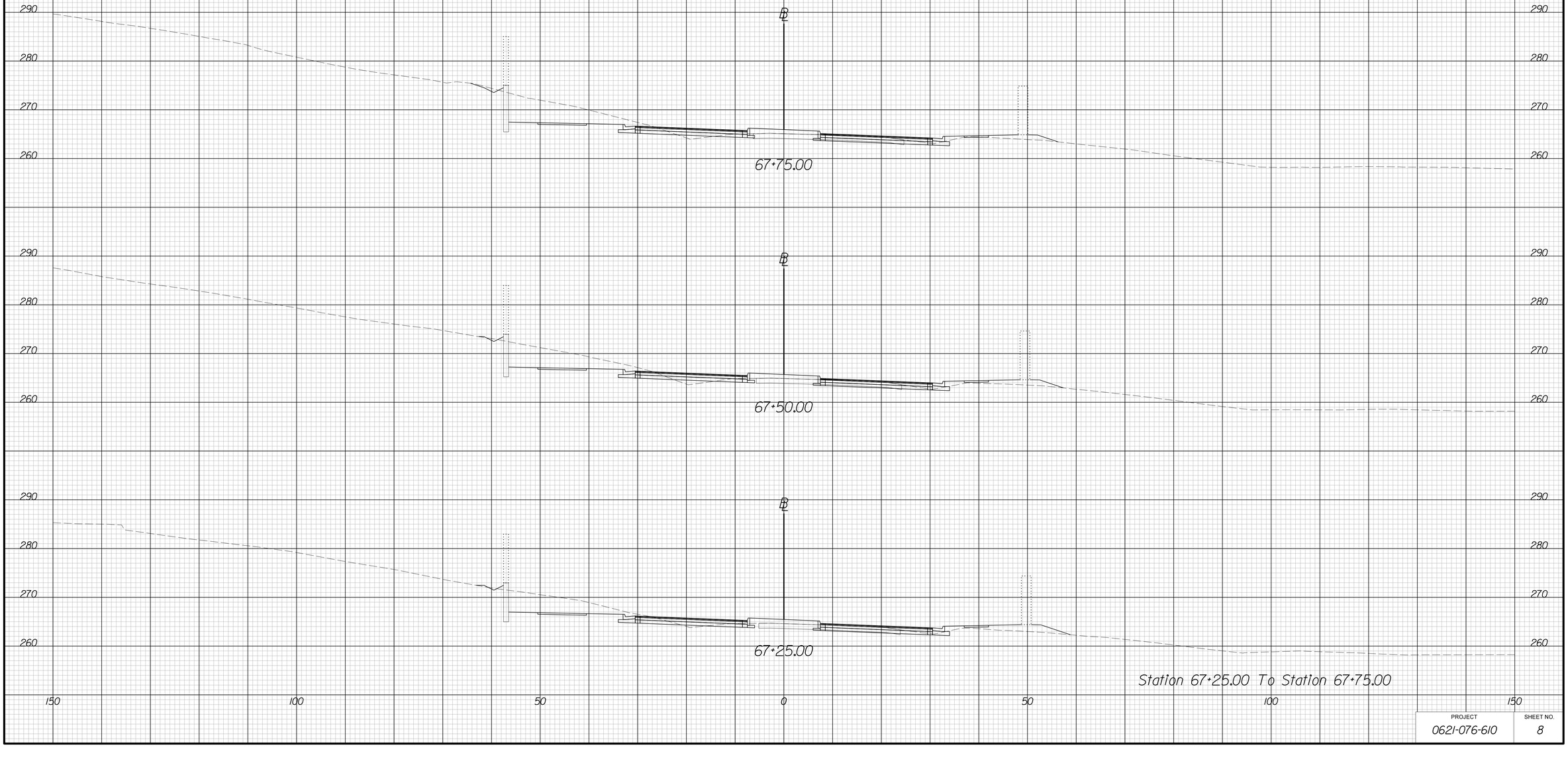
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	8

Devlin Road



Station 67+25.00 To Station 67+75.00

PROJECT	SHEET NO.
0621-076-610	8

5/4/2021
8:40:19 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

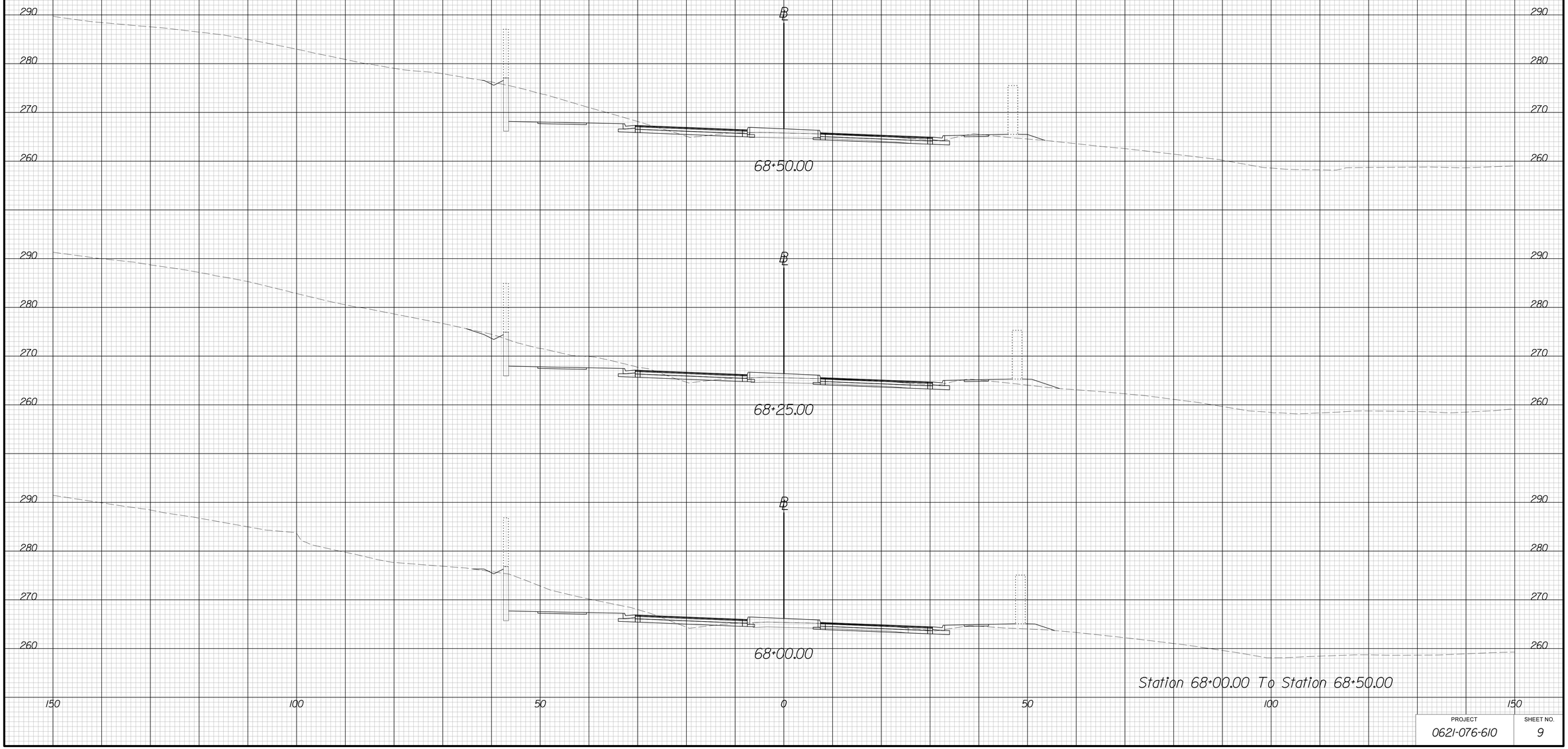
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	9

Devlin Road



Station 68+00.00 To Station 68+50.00

PROJECT	SHEET NO.
0621-076-610	9

5/4/2021
8:40:23 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

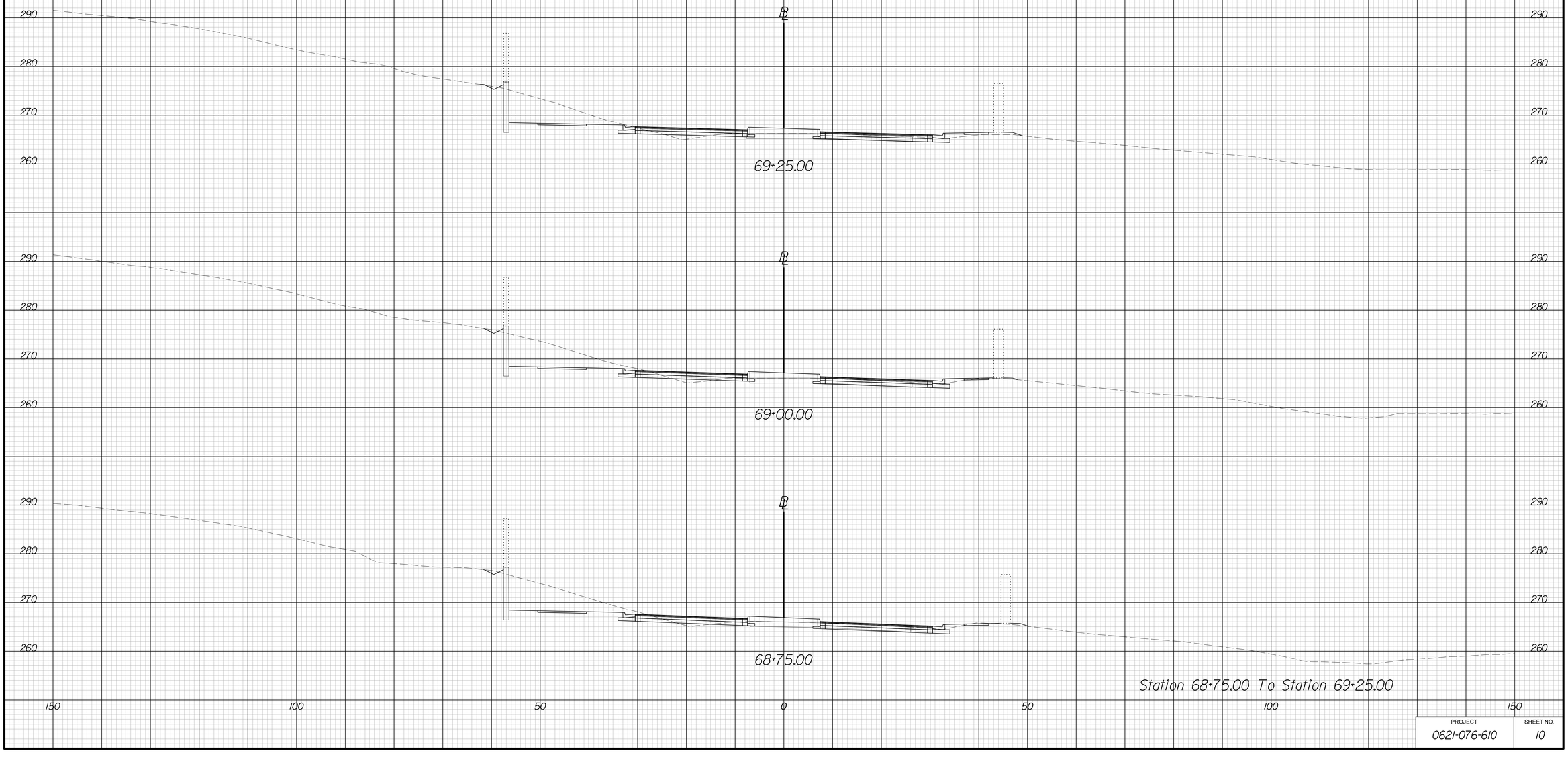
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	10

Devlin Road



Station 68+75.00 To Station 69+25.00

PROJECT	SHEET NO.
0621-076-610	10

5/4/2021
8:40:27 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

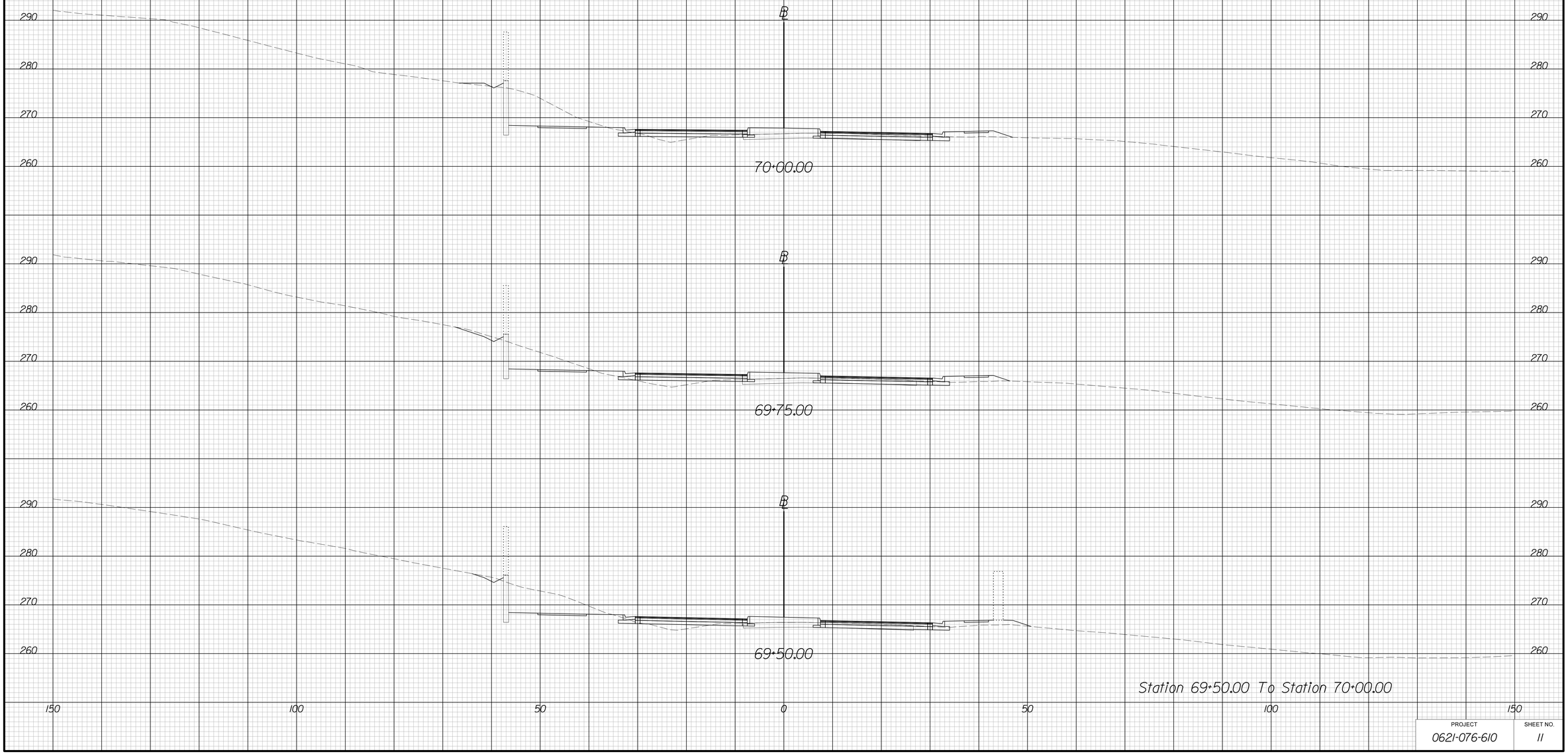
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE		SHEET NO.
		ROUTE	PROJECT	
	VA.	621	0621-076-610	11

Devlin Road



Station 69+50.00 To Station 70+00.00

PROJECT	SHEET NO.
0621-076-610	11

5/4/2021
8:40:31 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

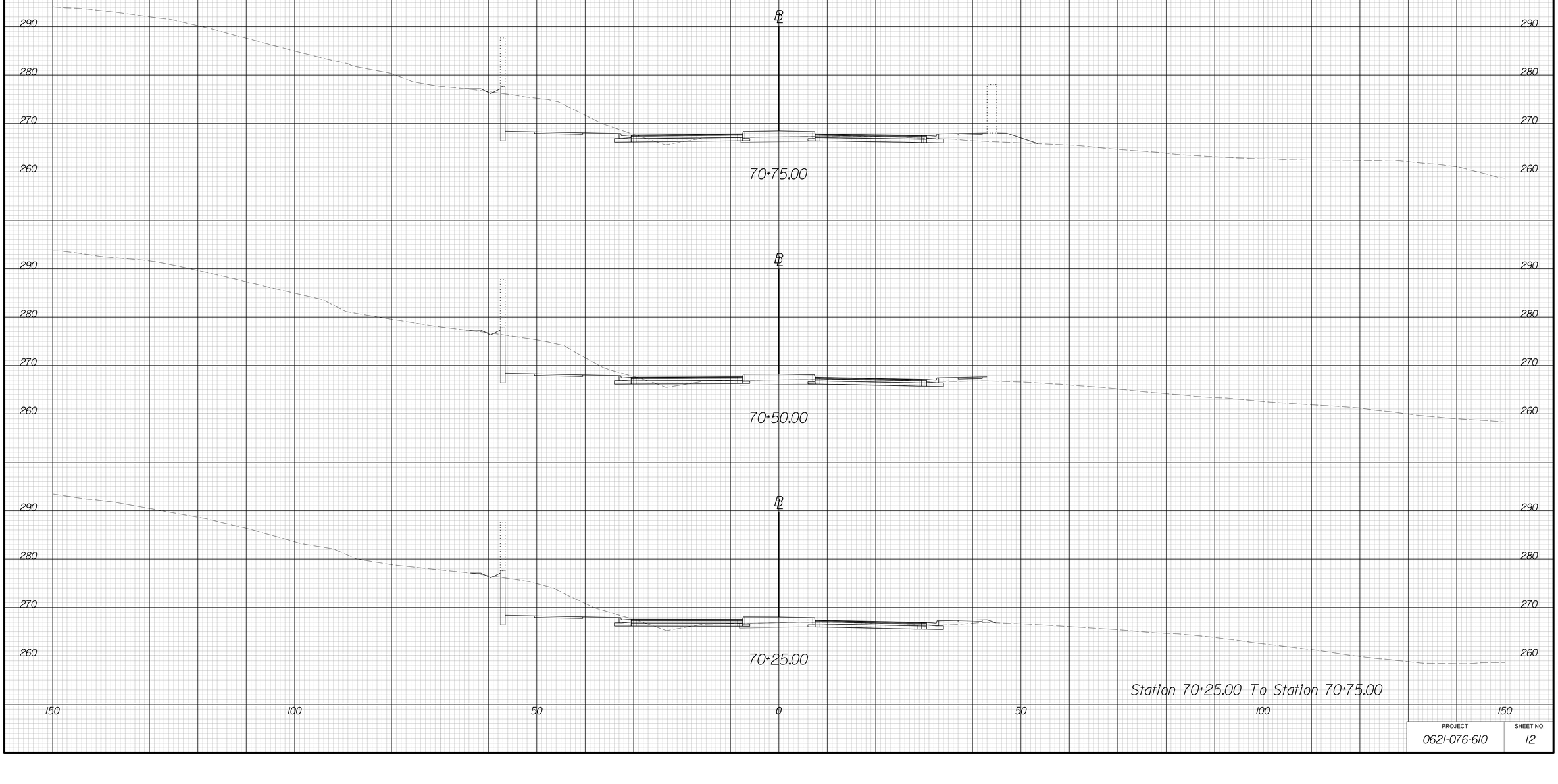
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	12

Devlin Road



Station 70+25.00 To Station 70+75.00

PROJECT	SHEET NO.
0621-076-610	12

5/4/2021
8:40:35 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

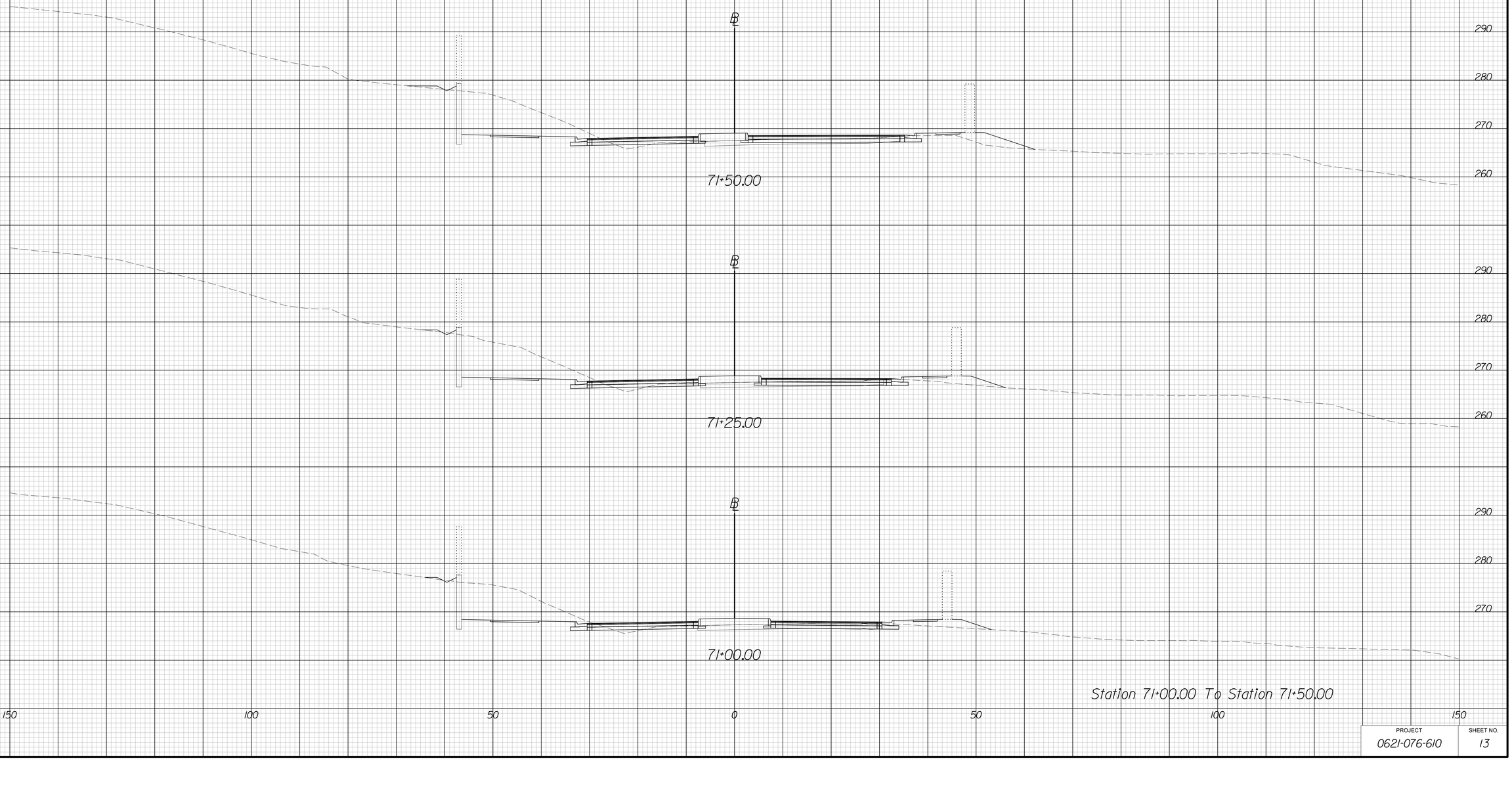
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	13

Devlin Road



Station 71+00.00 To Station 71+50.00

PROJECT	SHEET NO.
0621-076-610	13

5/4/2021
8:40:39 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

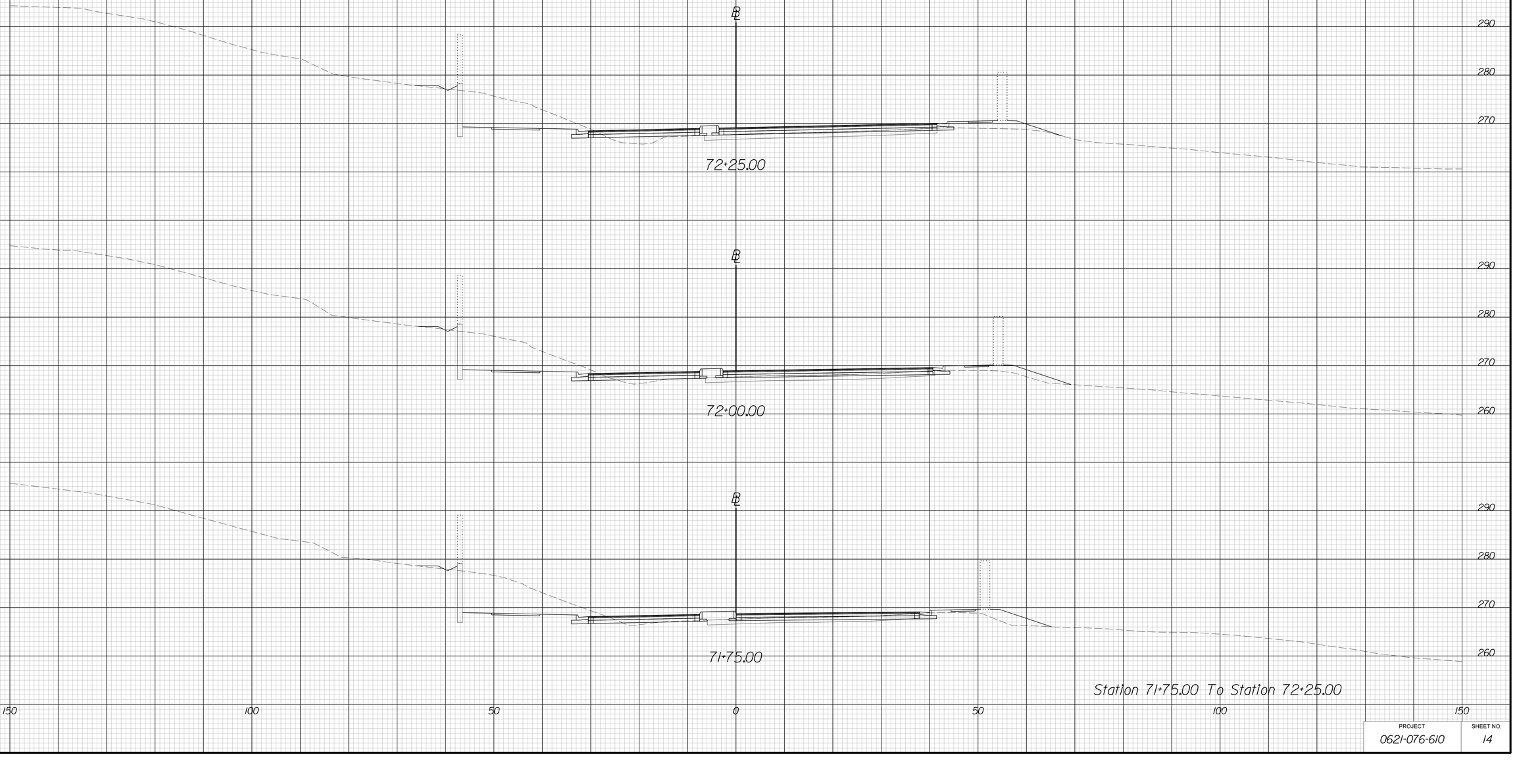
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	14

Devlin Road



Station 71+75.00 To Station 72+25.00

PROJECT	SHEET NO.
0621-076-610	14

5/4/2021
8:40:43 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

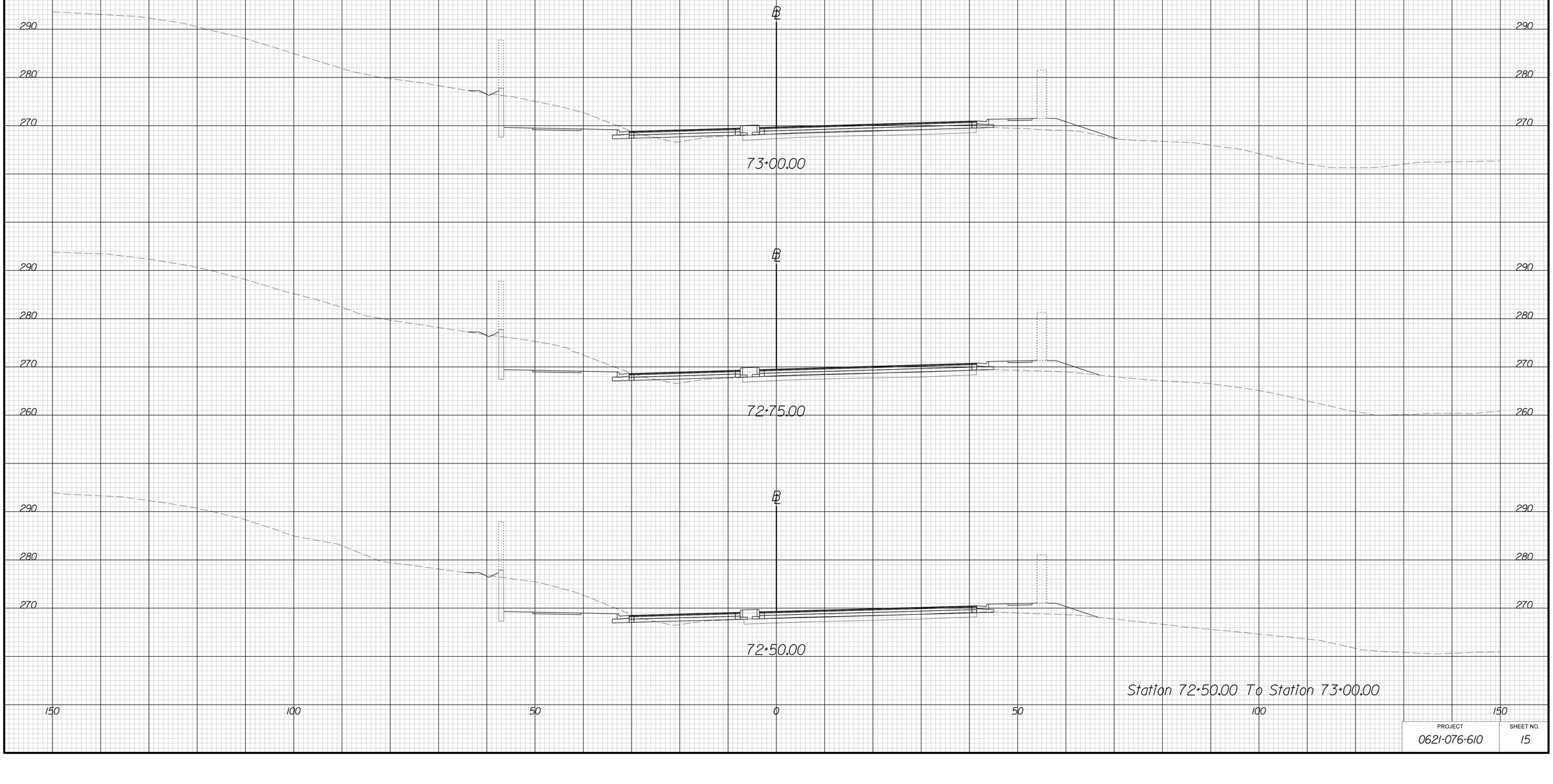
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	15

Devlin Road



Station 72+50.00 To Station 73+00.00

PROJECT	SHEET NO.
0621-076-610	15

5/4/2021
8:40:47 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

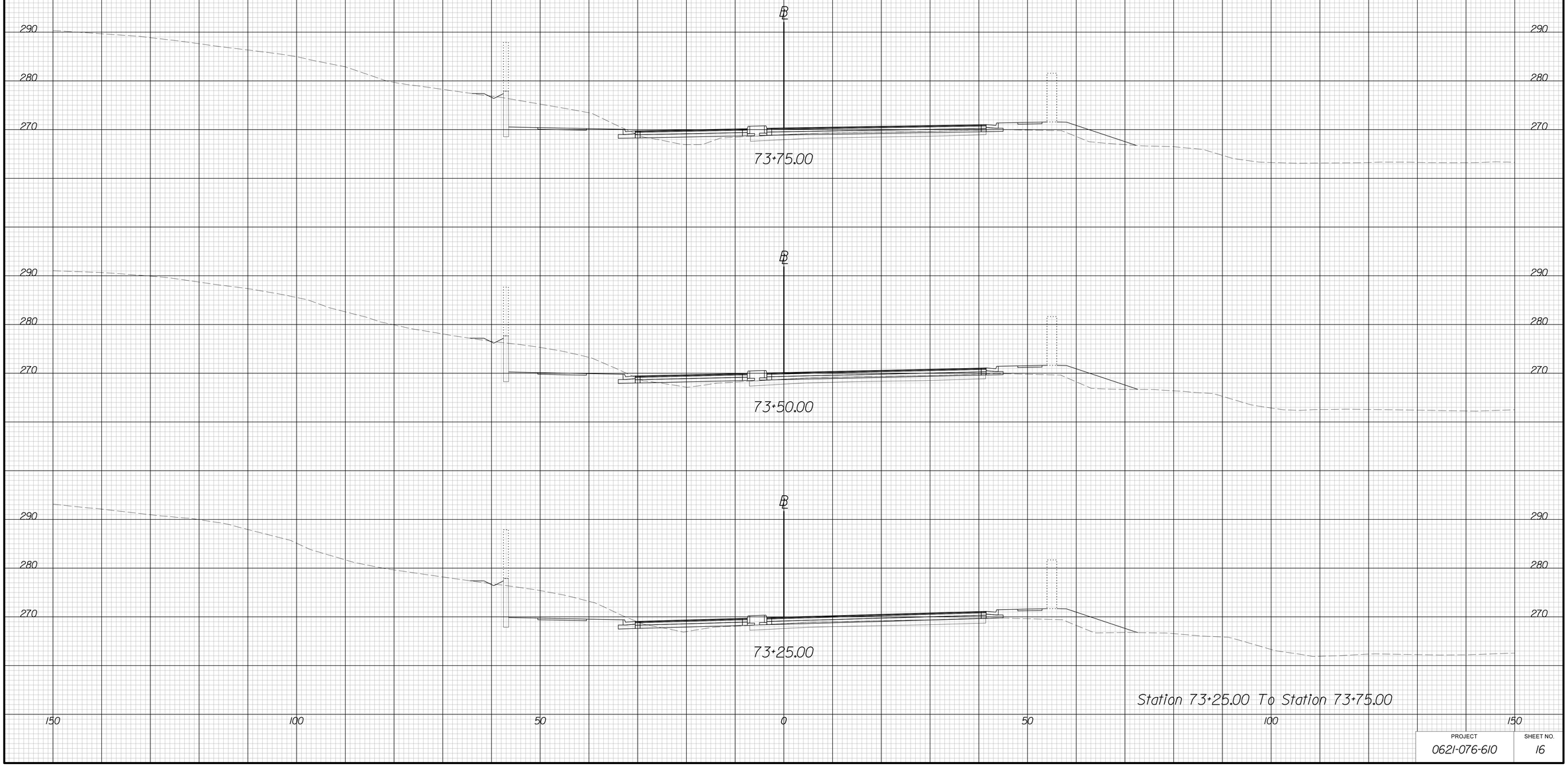
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	16

Devlin Road



Station 73+25.00 To Station 73+75.00

PROJECT	SHEET NO.
0621-076-610	16

5/4/2021
8:40:50 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

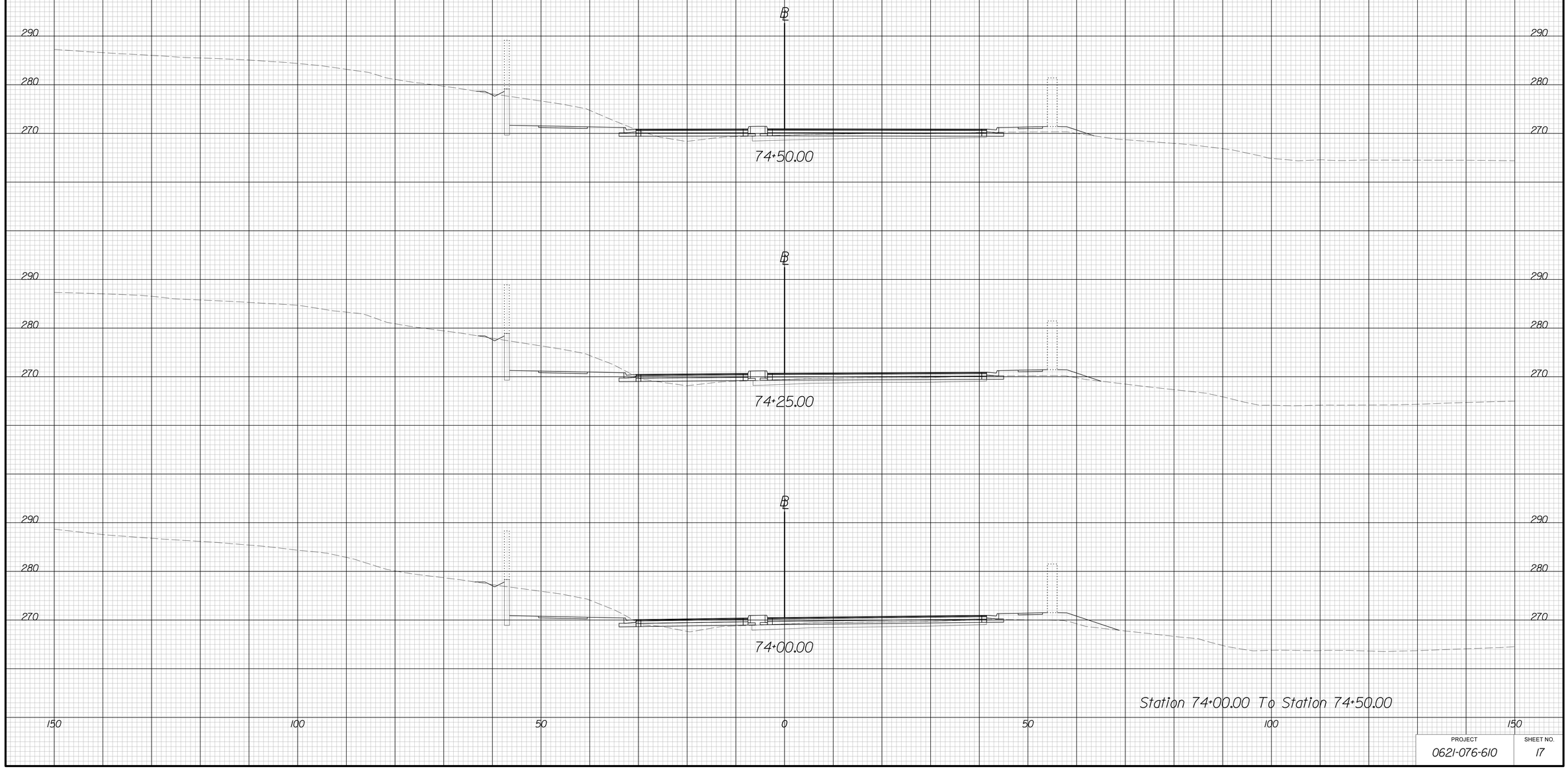
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	17

Devlin Road



Station 74+00.00 To Station 74+50.00

PROJECT	SHEET NO.
0621-076-610	17

5/4/2021
8:40:54 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

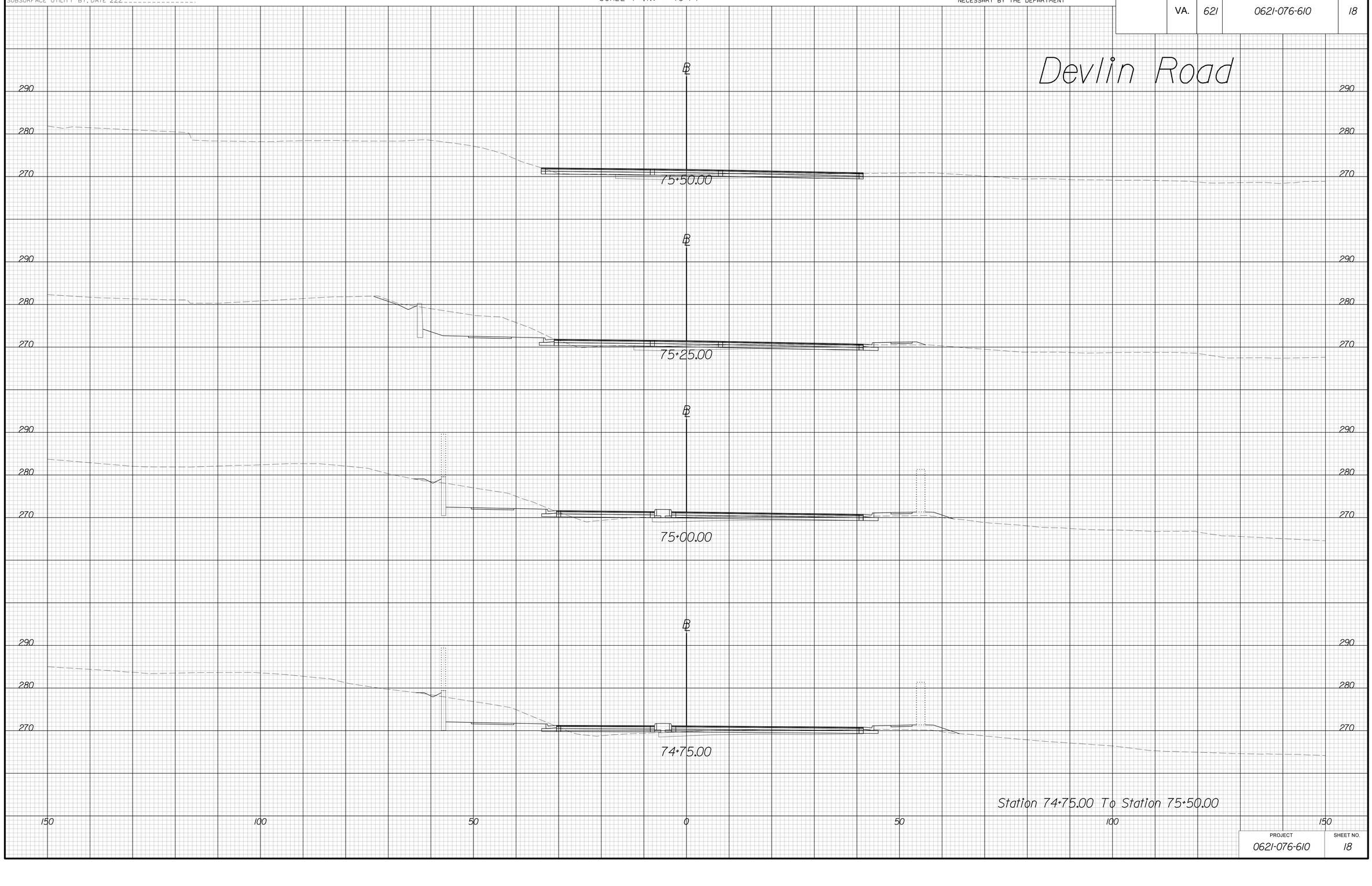
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	18

Devlin Road



Station 74+75.00 To Station 75+50.00

PROJECT	SHEET NO.
0621-076-610	18

5/4/2021
8:40:58 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

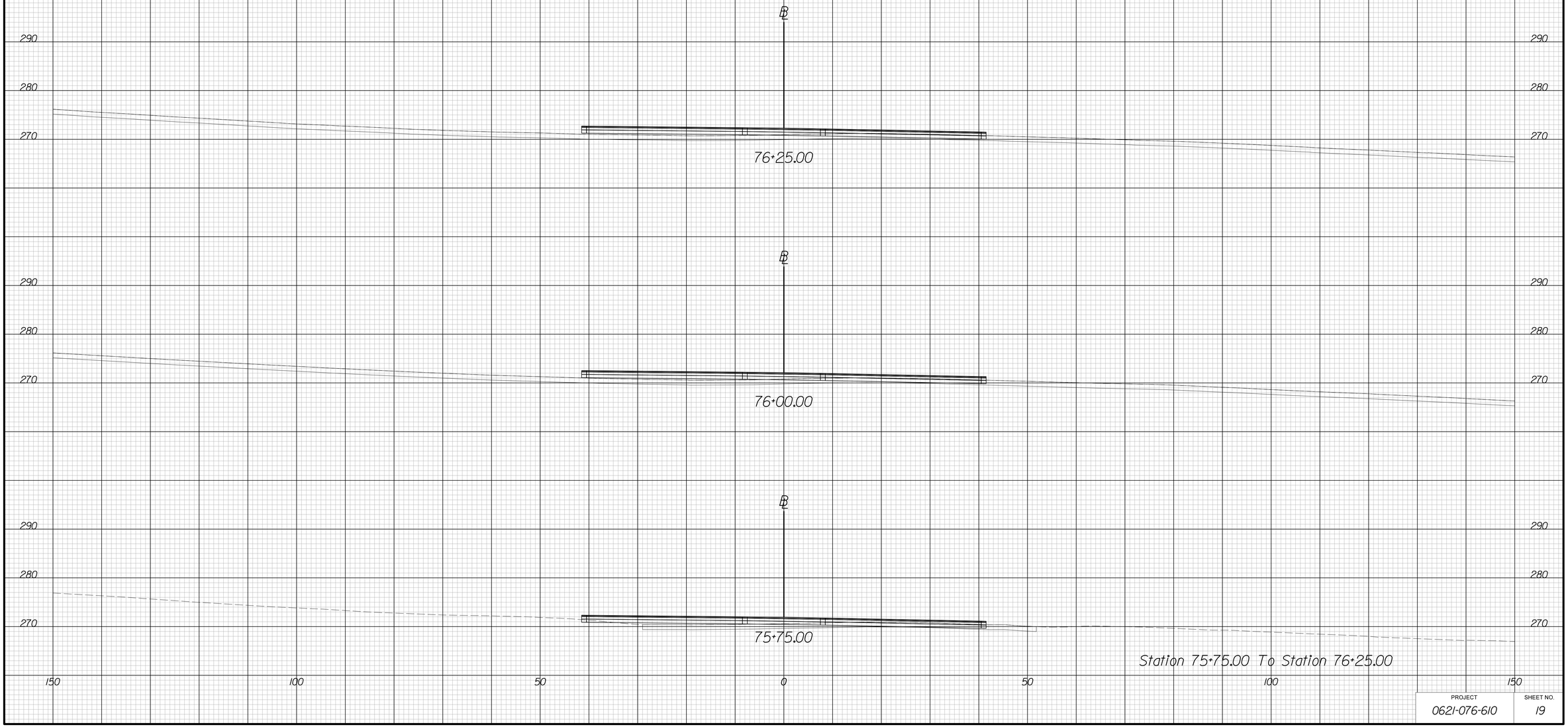
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	19

Devlin Road



Station 75+75.00 To Station 76+25.00

PROJECT	SHEET NO.
0621-076-610	19

5/4/2021
8:41:02 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

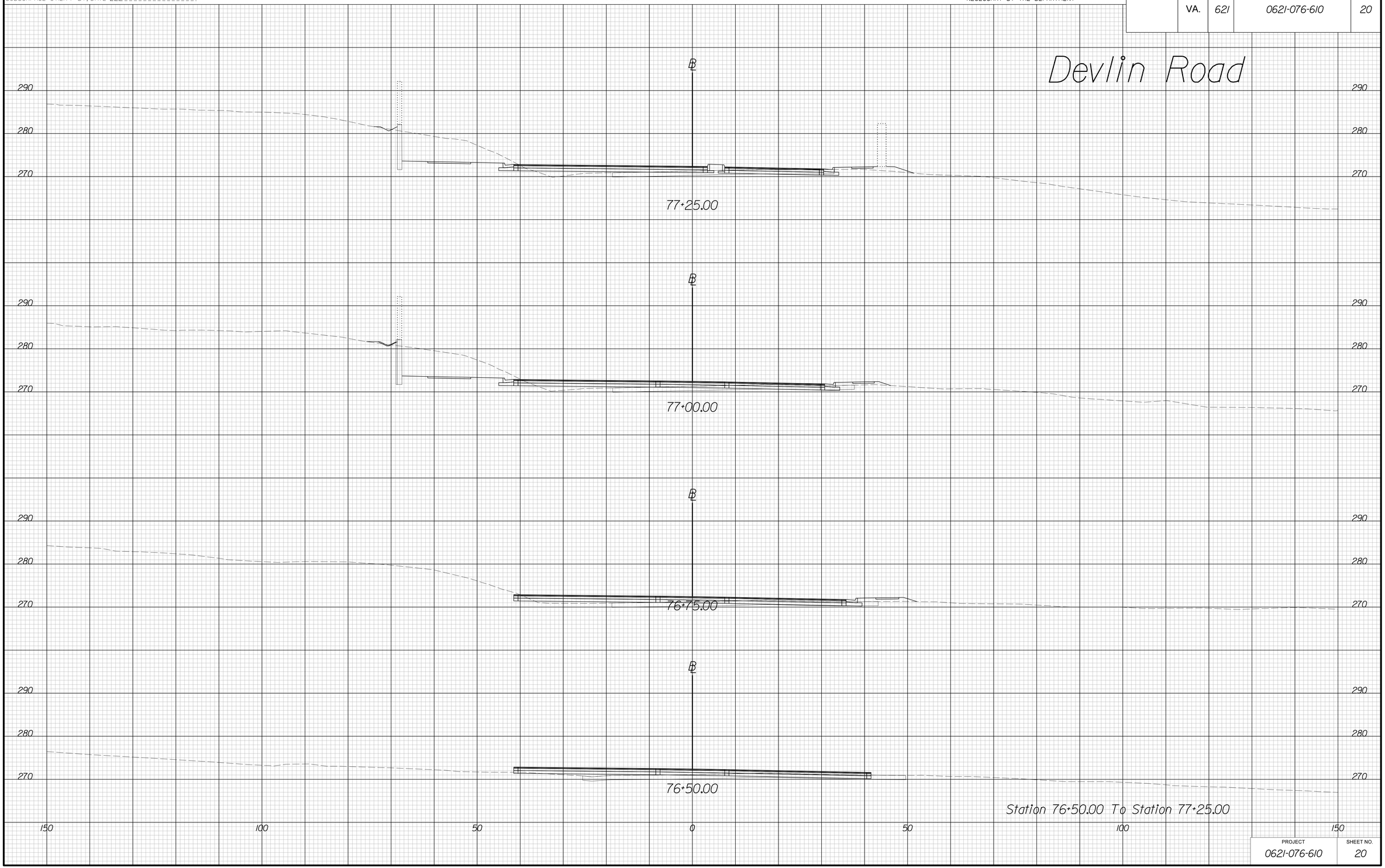
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	20

Devlin Road



Station 76+50.00 To Station 77+25.00

PROJECT	SHEET NO.
0621-076-610	20

5/4/2021
8:41:05 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

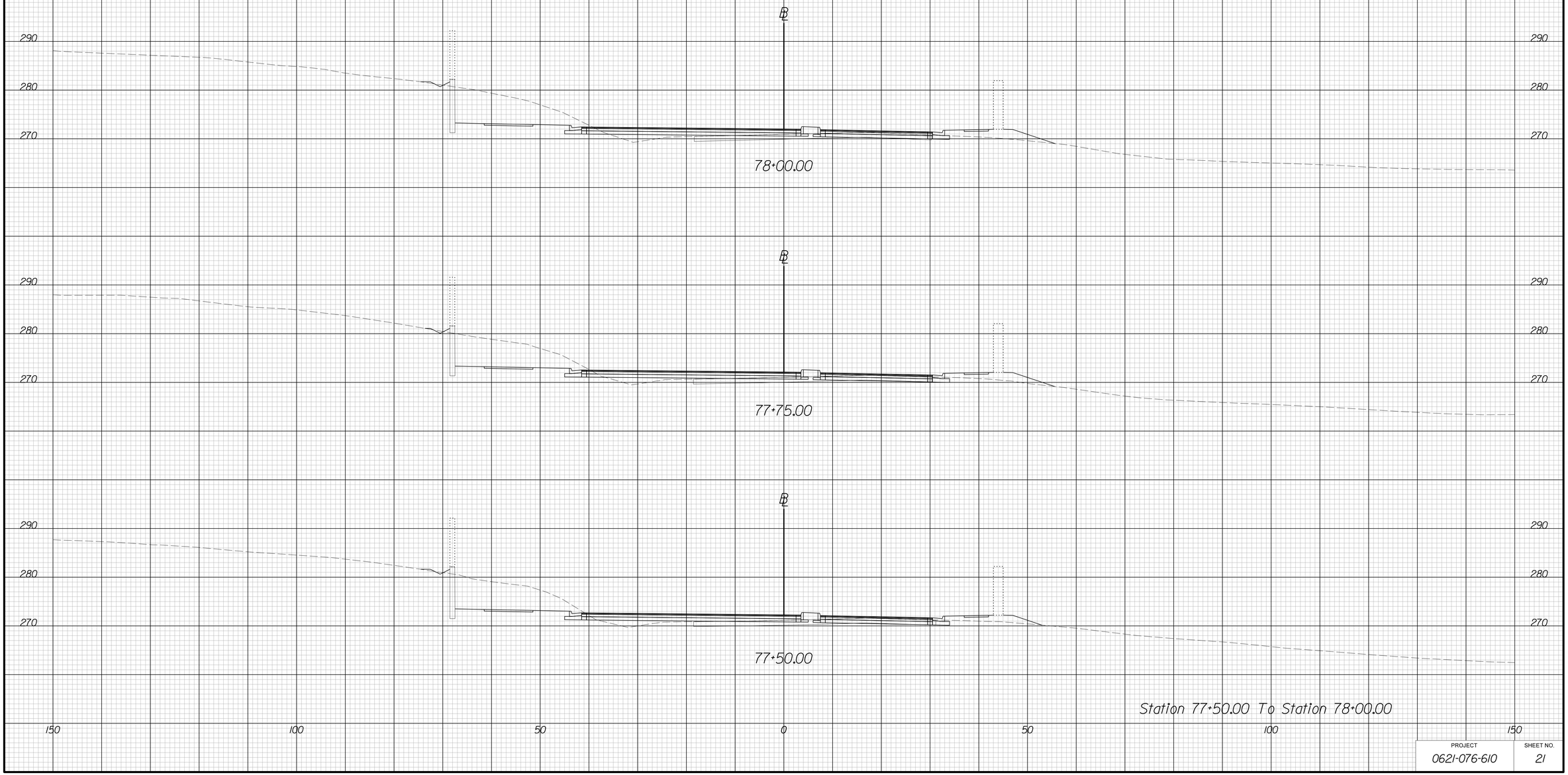
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	21

Devlin Road



Station 77+50.00 To Station 78+00.00

PROJECT	SHEET NO.
0621-076-610	21

5/4/2021
8:41:09 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

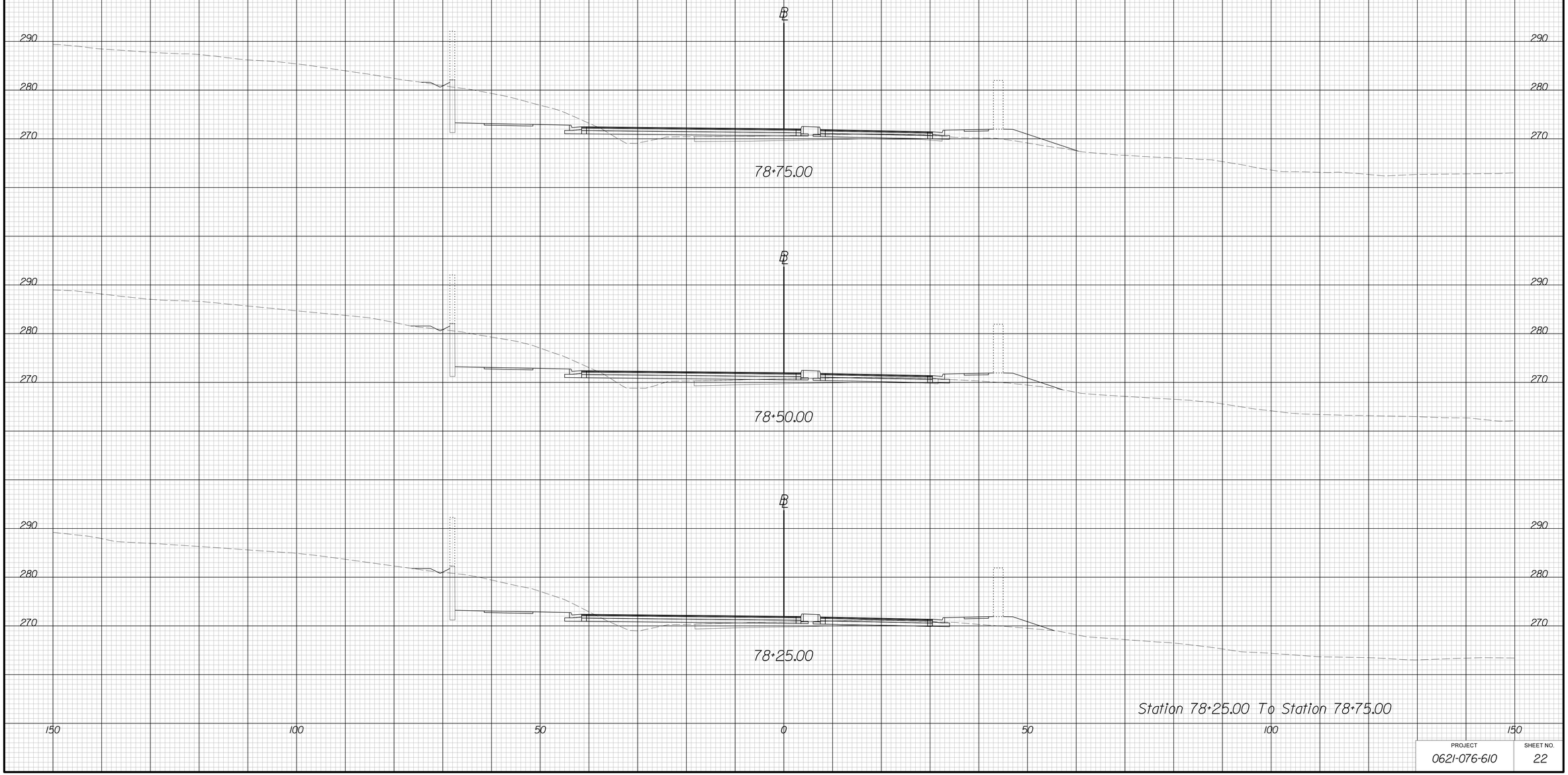
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	22

Devlin Road



Station 78+25.00 To Station 78+75.00

PROJECT	SHEET NO.
0621-076-610	22

5/4/2021
8:41:13 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

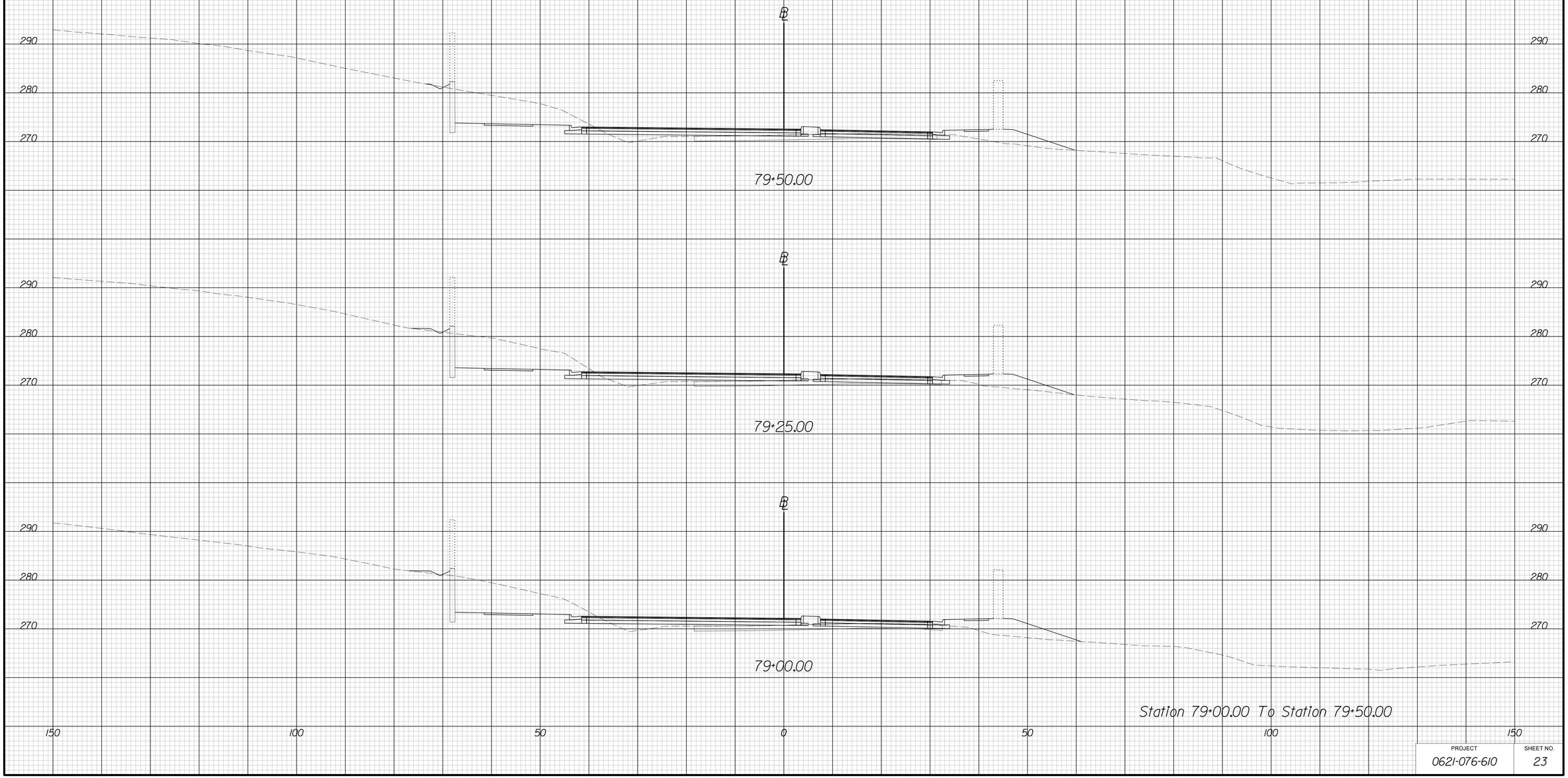
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	23

Devlin Road



Station 79+00.00 To Station 79+50.00

PROJECT	SHEET NO.
0621-076-610	23

5/4/2021
8:41:17 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

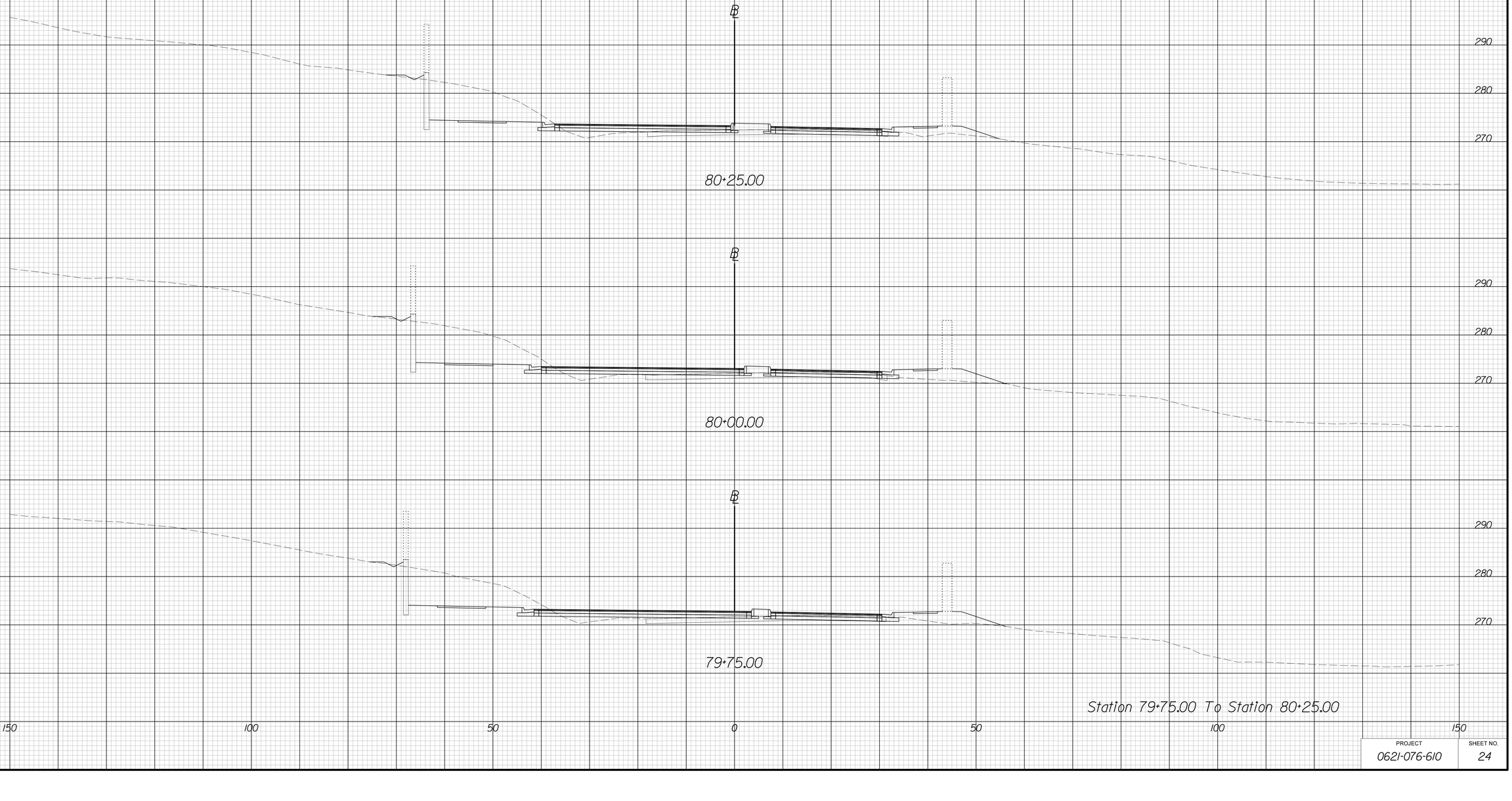
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	24

Devlin Road



Station 79+75.00 To Station 80+25.00

PROJECT	SHEET NO.
0621-076-610	24

5/4/2021

8:41:21 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

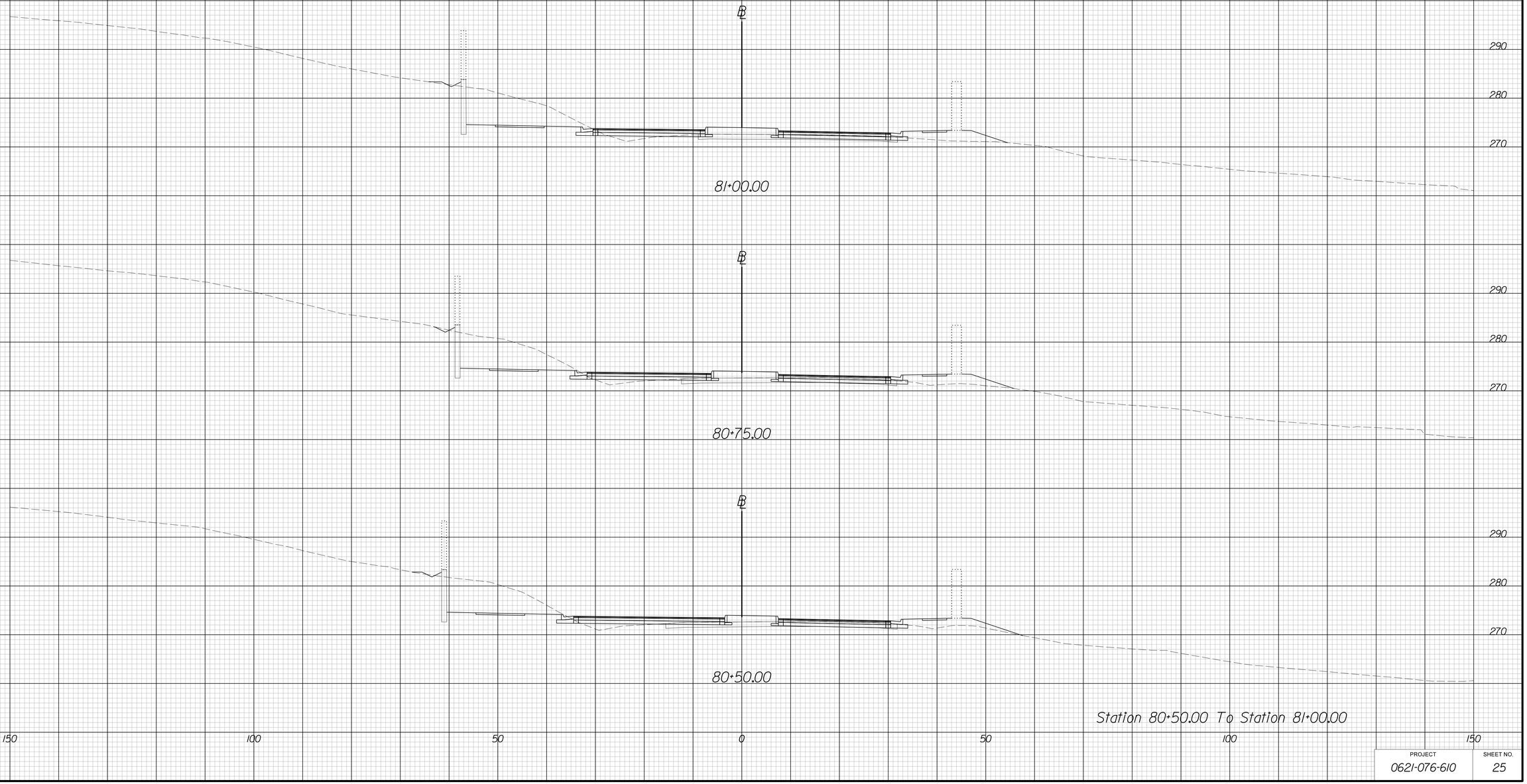
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	25

Devlin Road



Station 80+50.00 To Station 81+00.00

PROJECT	SHEET NO.
0621-076-610	25

5/4/2021
8:41:24 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

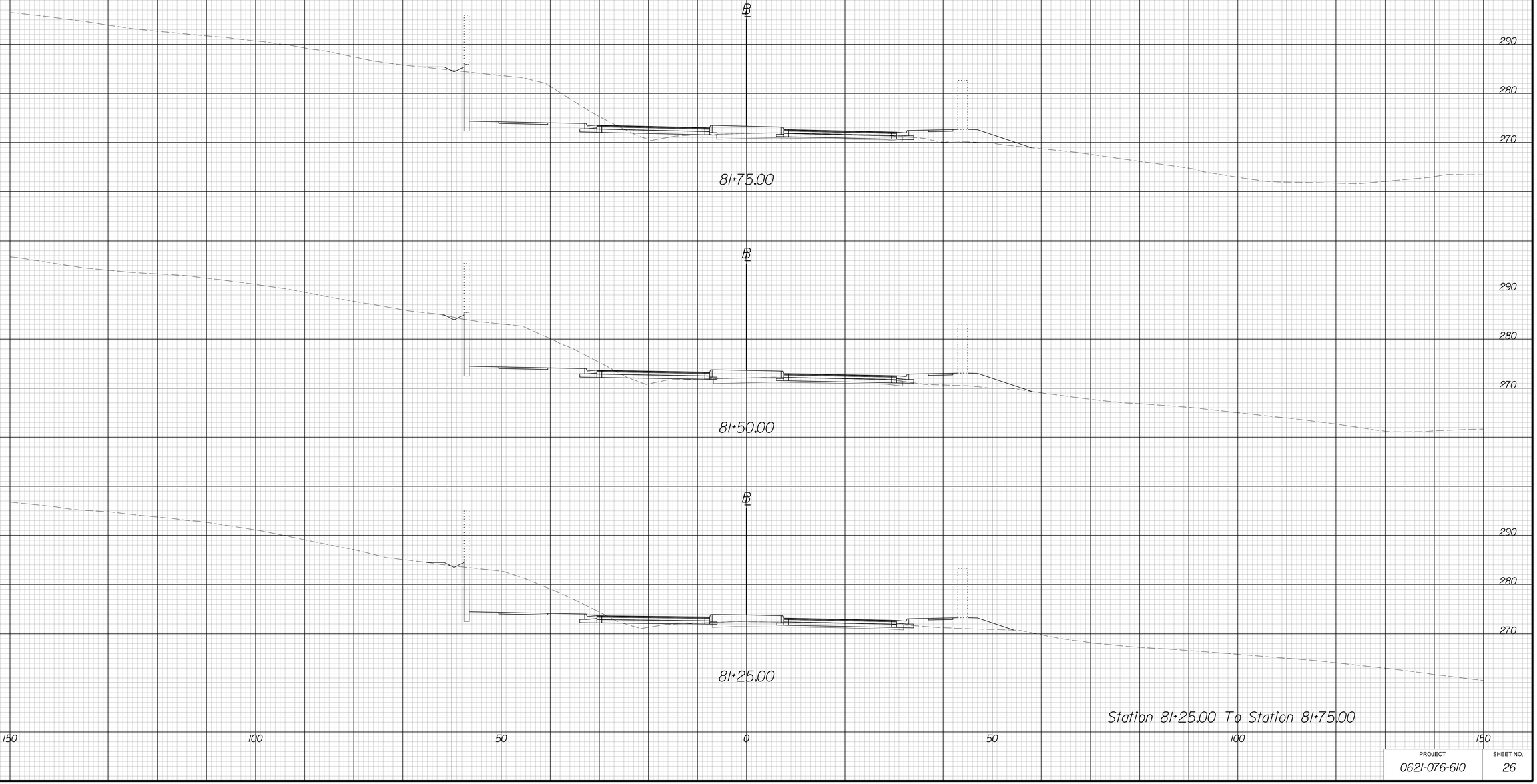
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	26

Devlin Road



Station 81+25.00 To Station 81+75.00

PROJECT	SHEET NO.
0621-076-610	26

5/4/2021
8:41:28 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

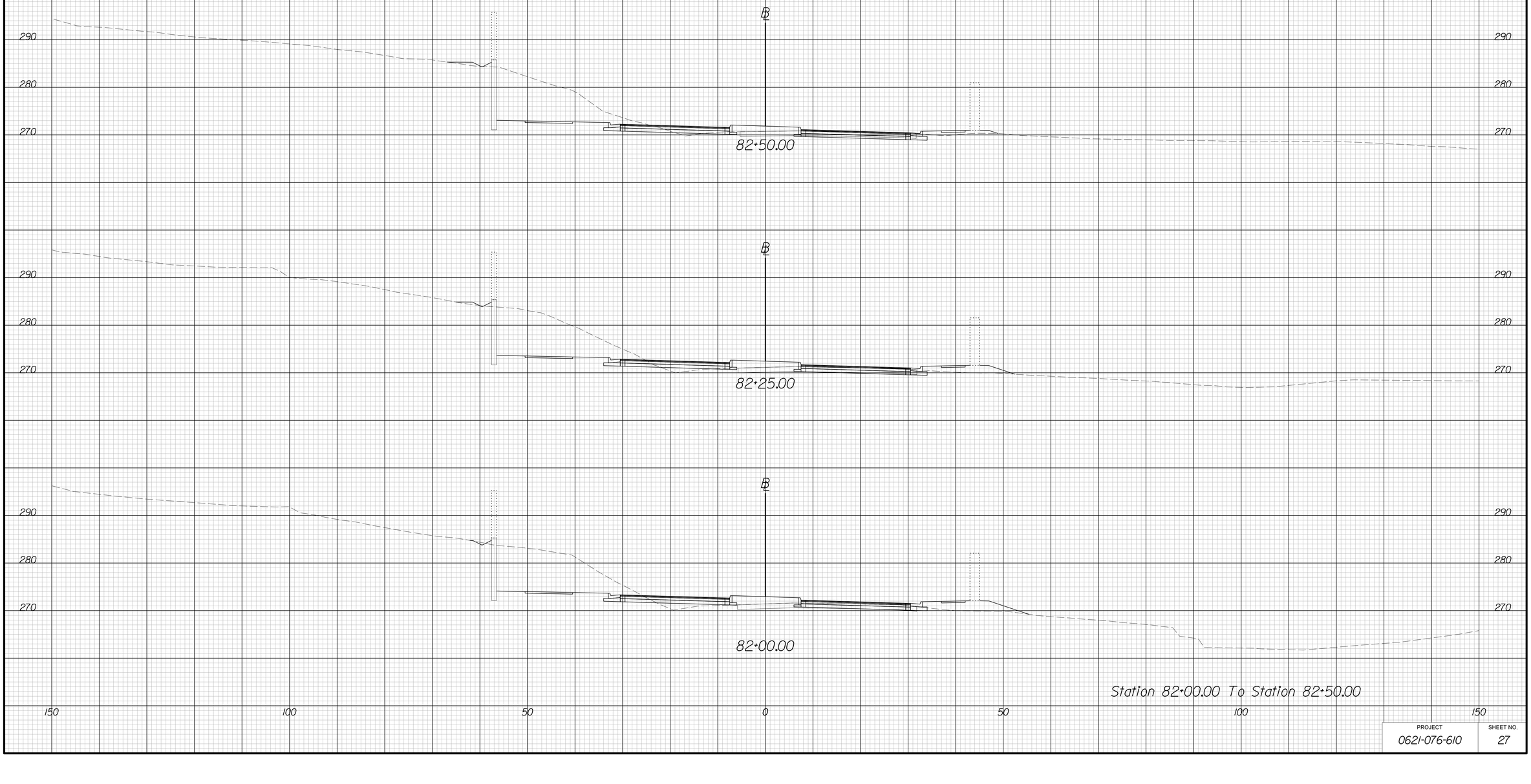
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	27

Devlin Road



Station 82+00.00 To Station 82+50.00

PROJECT	SHEET NO.
0621-076-610	27

5/4/2021
8:41:32 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

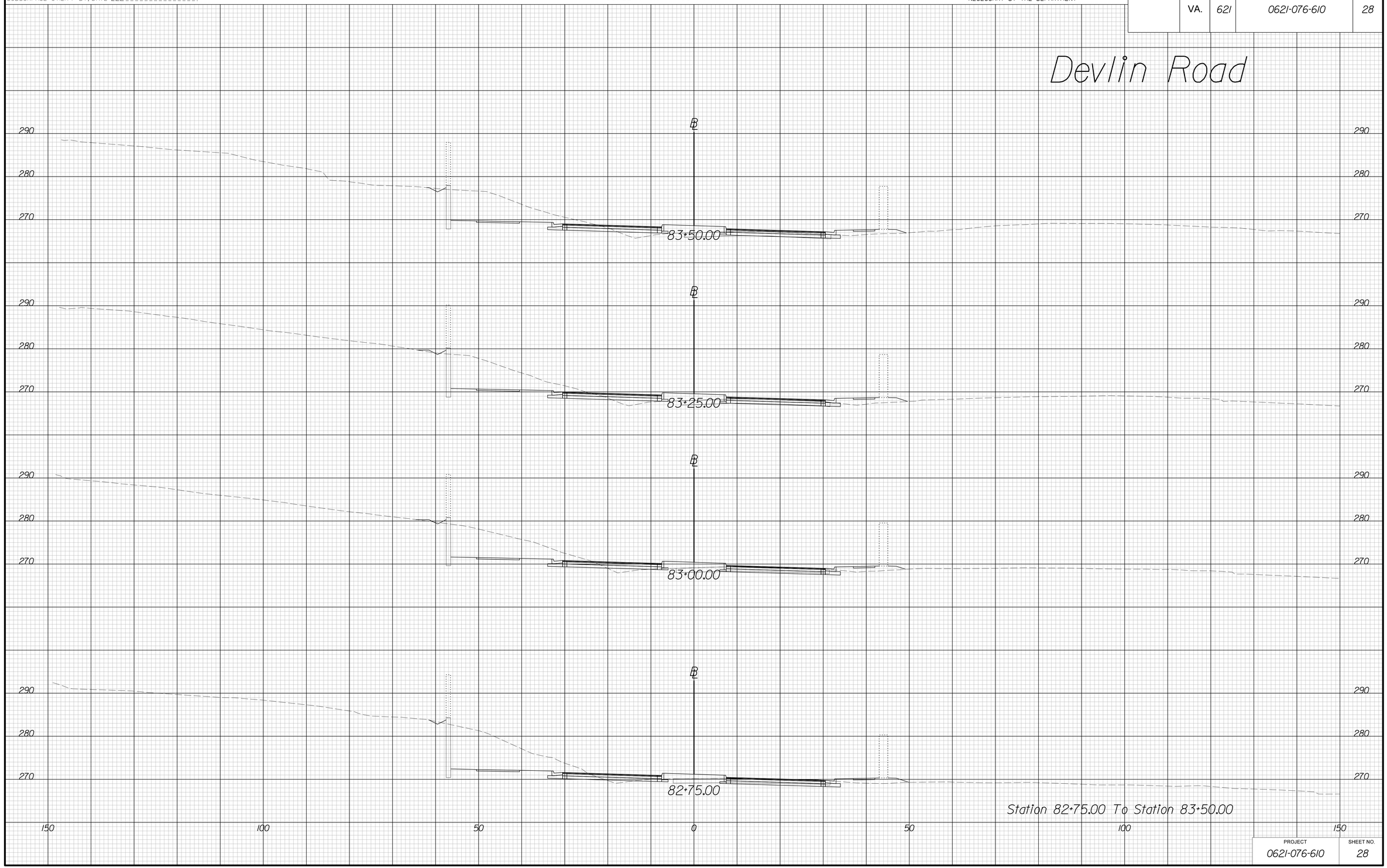
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	28

Devlin Road



Station 82+75.00 To Station 83+50.00

PROJECT	SHEET NO.
0621-076-610	28

5/4/2021
8:41:36 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

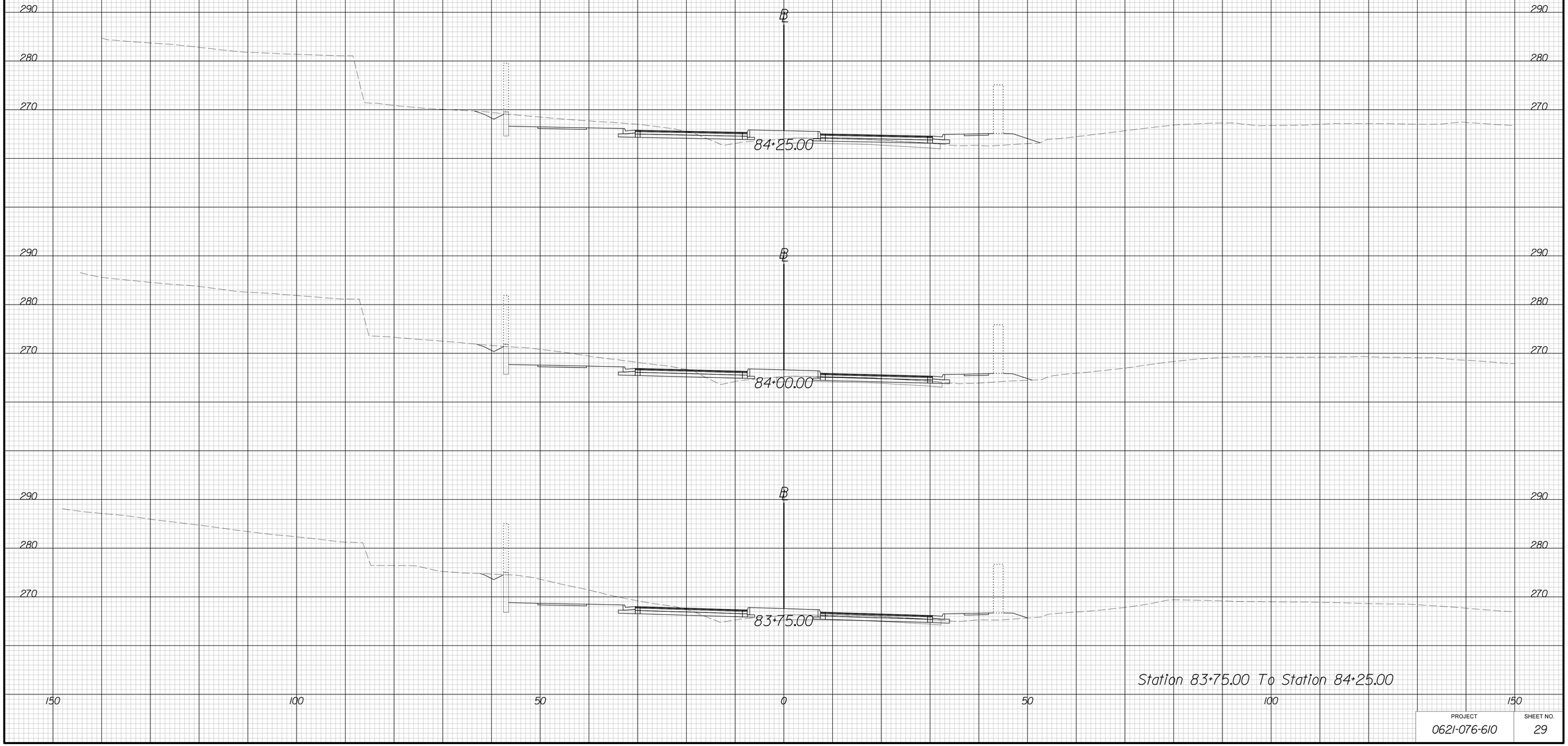
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	29

Devlin Road



Station 83+75.00 To Station 84+25.00

PROJECT	SHEET NO.
0621-076-610	29

5/4/2021
8:41:40 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

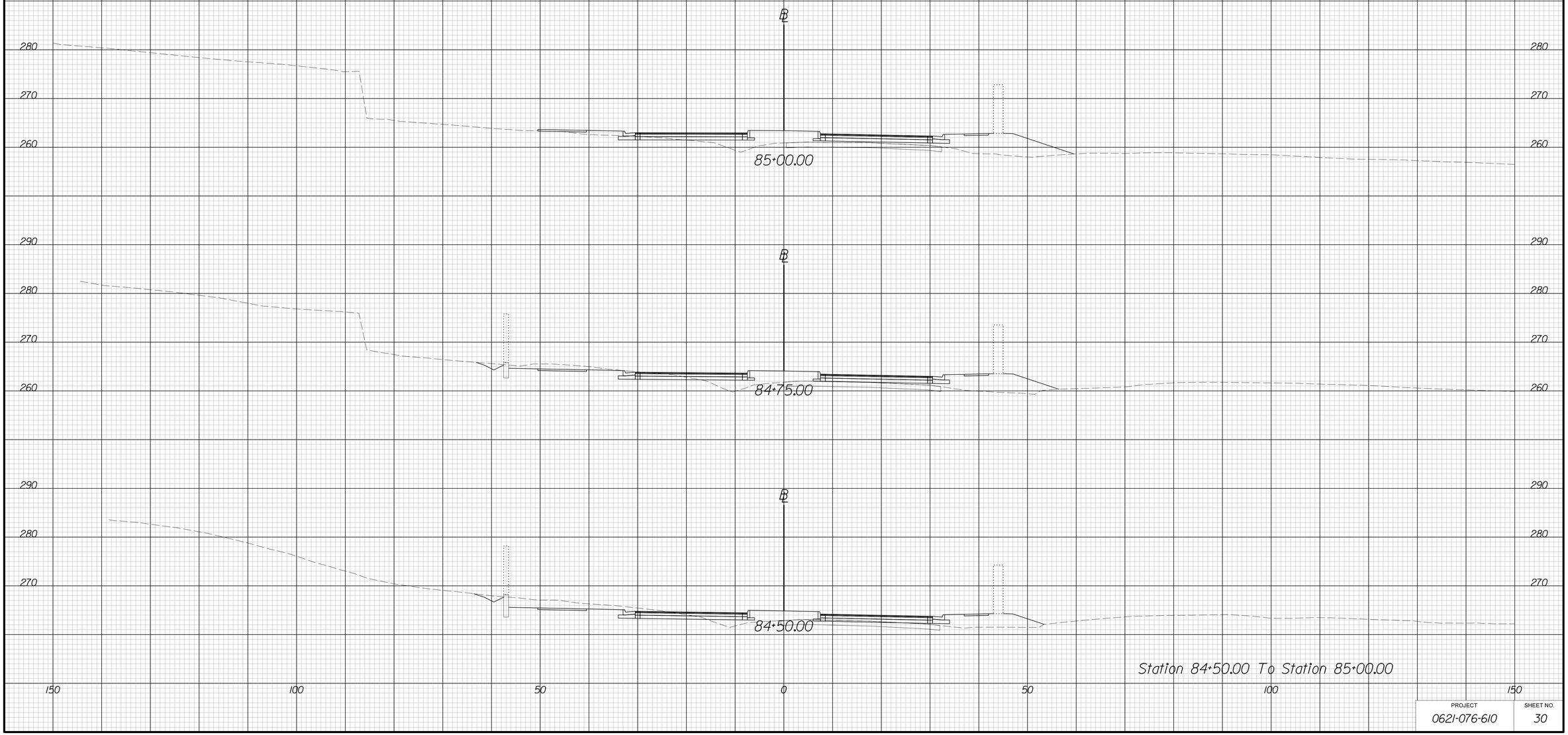
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	30

Devlin Road



Station 84+50.00 To Station 85+00.00

PROJECT	SHEET NO.
0621-076-610	30

5/4/2021
8:41:44 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

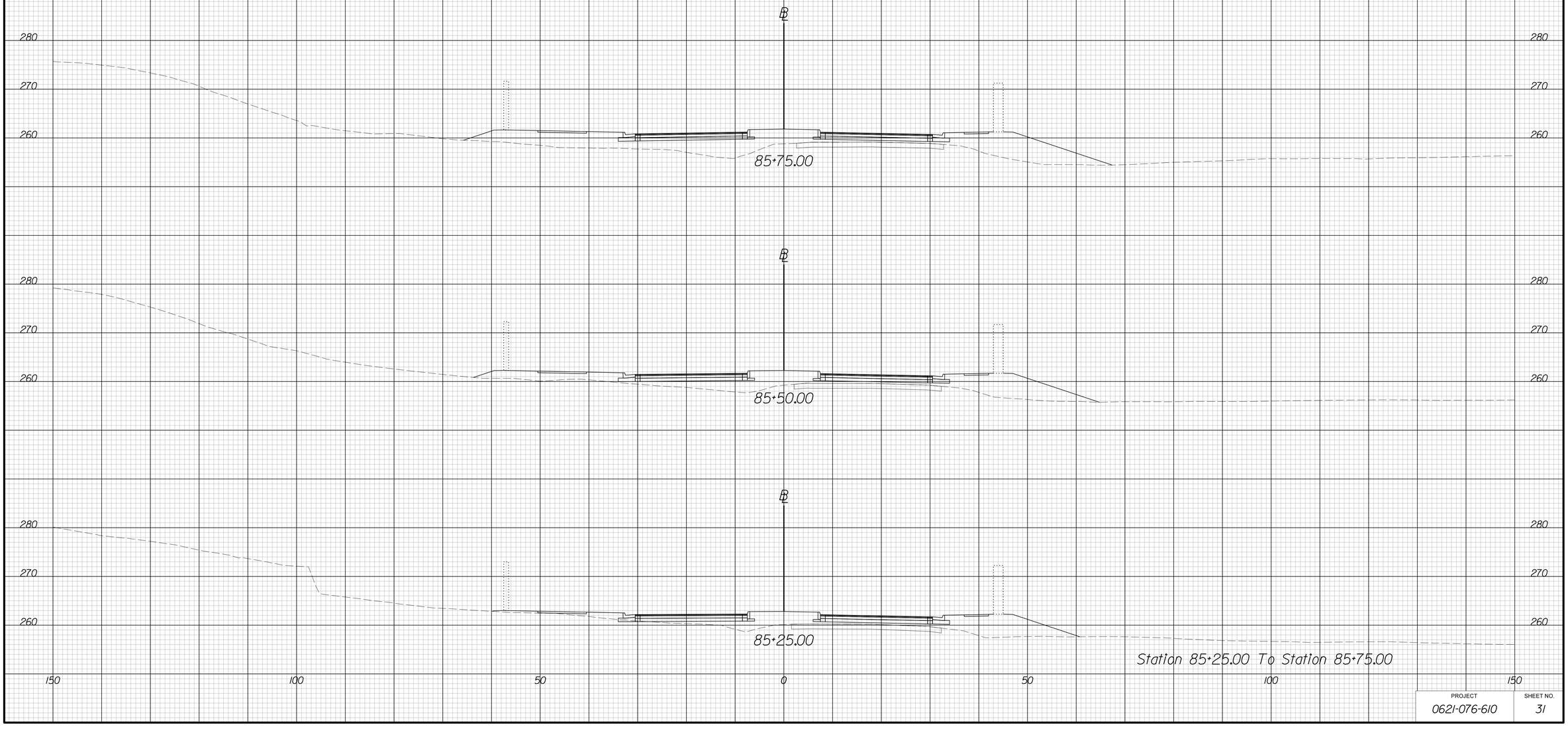
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	31

Devlin Road



Station 85+25.00 To Station 85+75.00

PROJECT	SHEET NO.
0621-076-610	31

5/4/2021
8:41:47 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

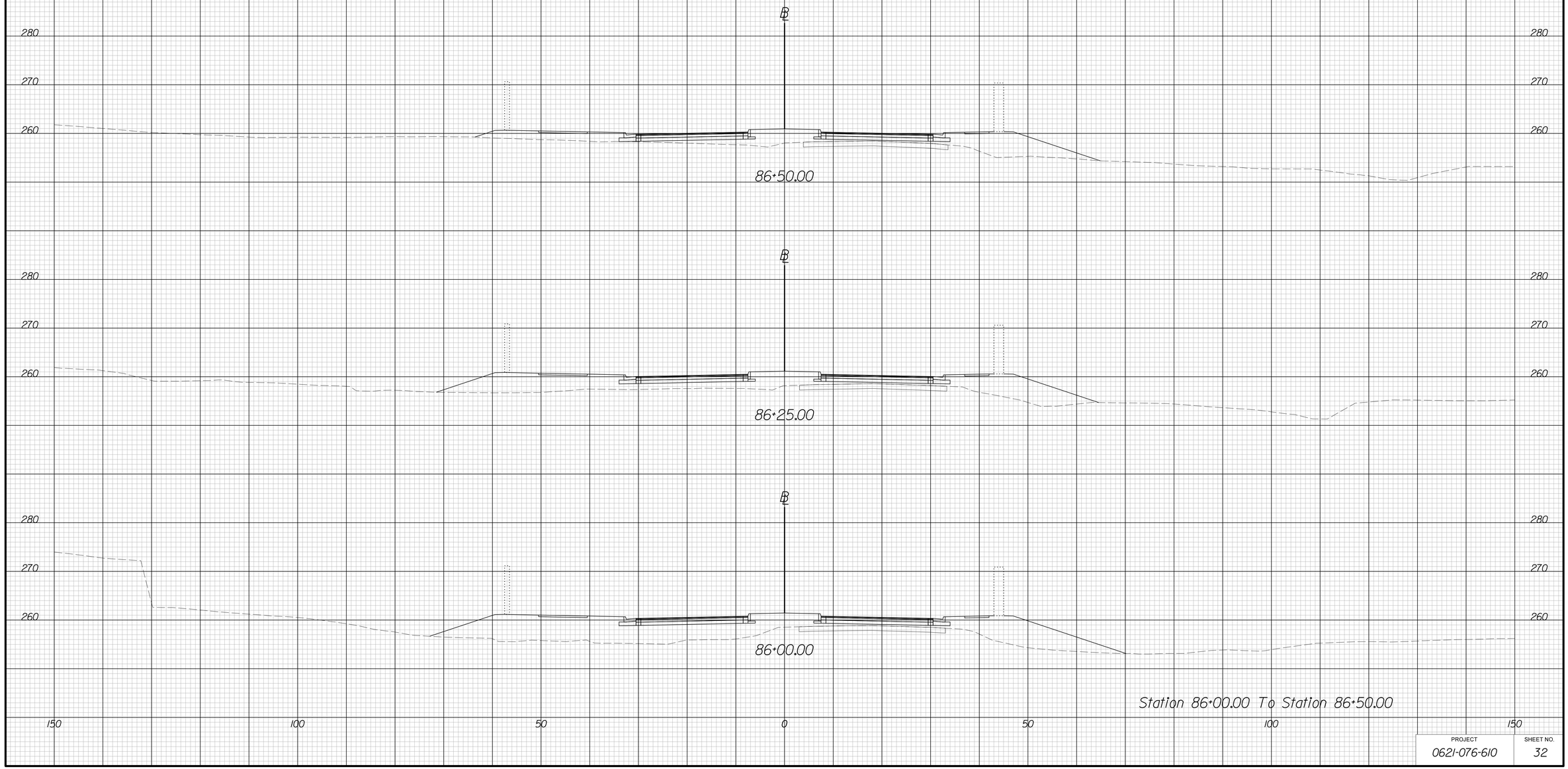
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	32

Devlin Road



Station 86+00.00 To Station 86+50.00

PROJECT	SHEET NO.
0621-076-610	32

5/4/2021
8:41:51 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

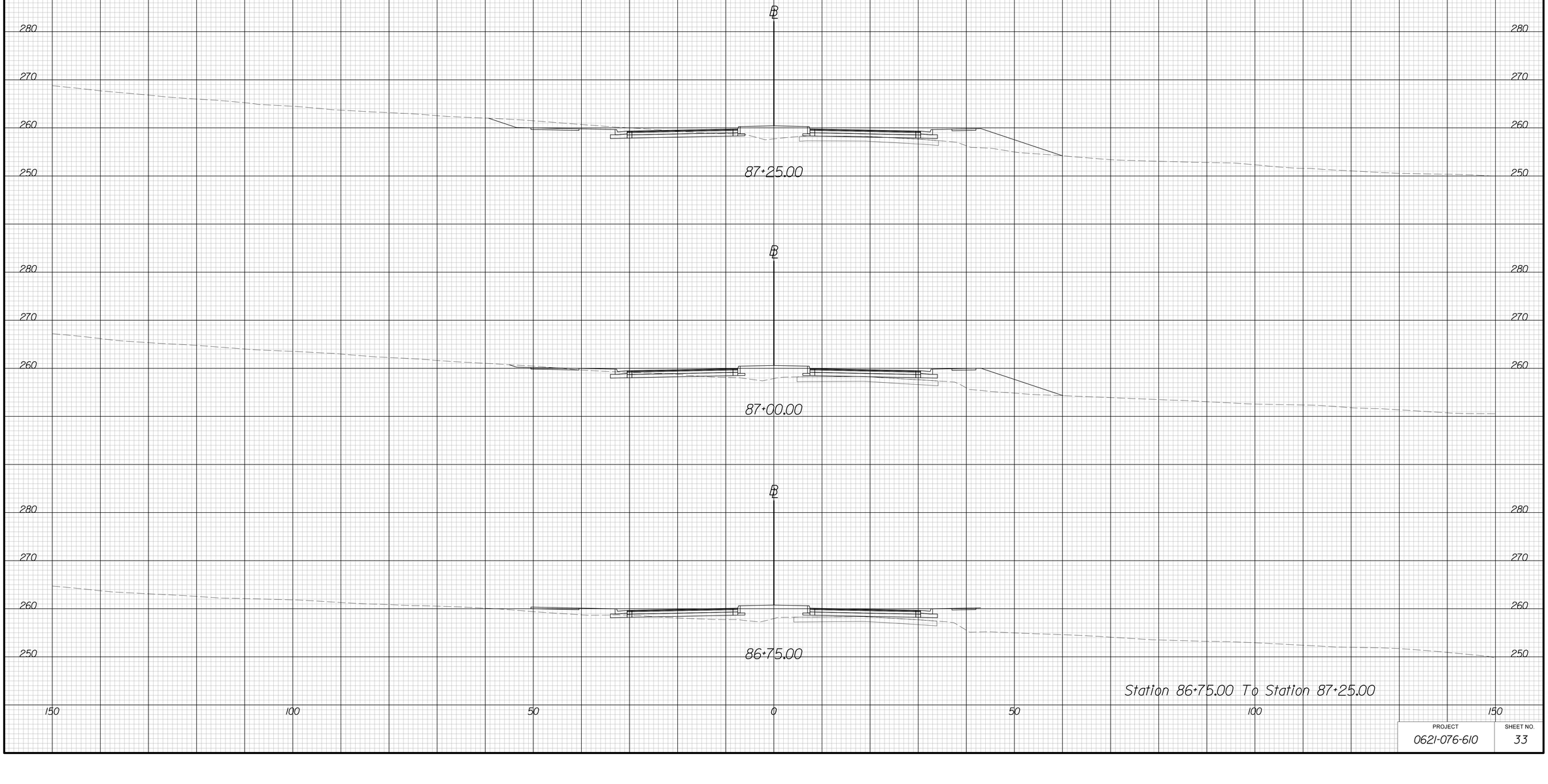
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	33

Devlin Road



Station 86+75.00 To Station 87+25.00

PROJECT	SHEET NO.
0621-076-610	33

5/4/2021
8:41:55 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

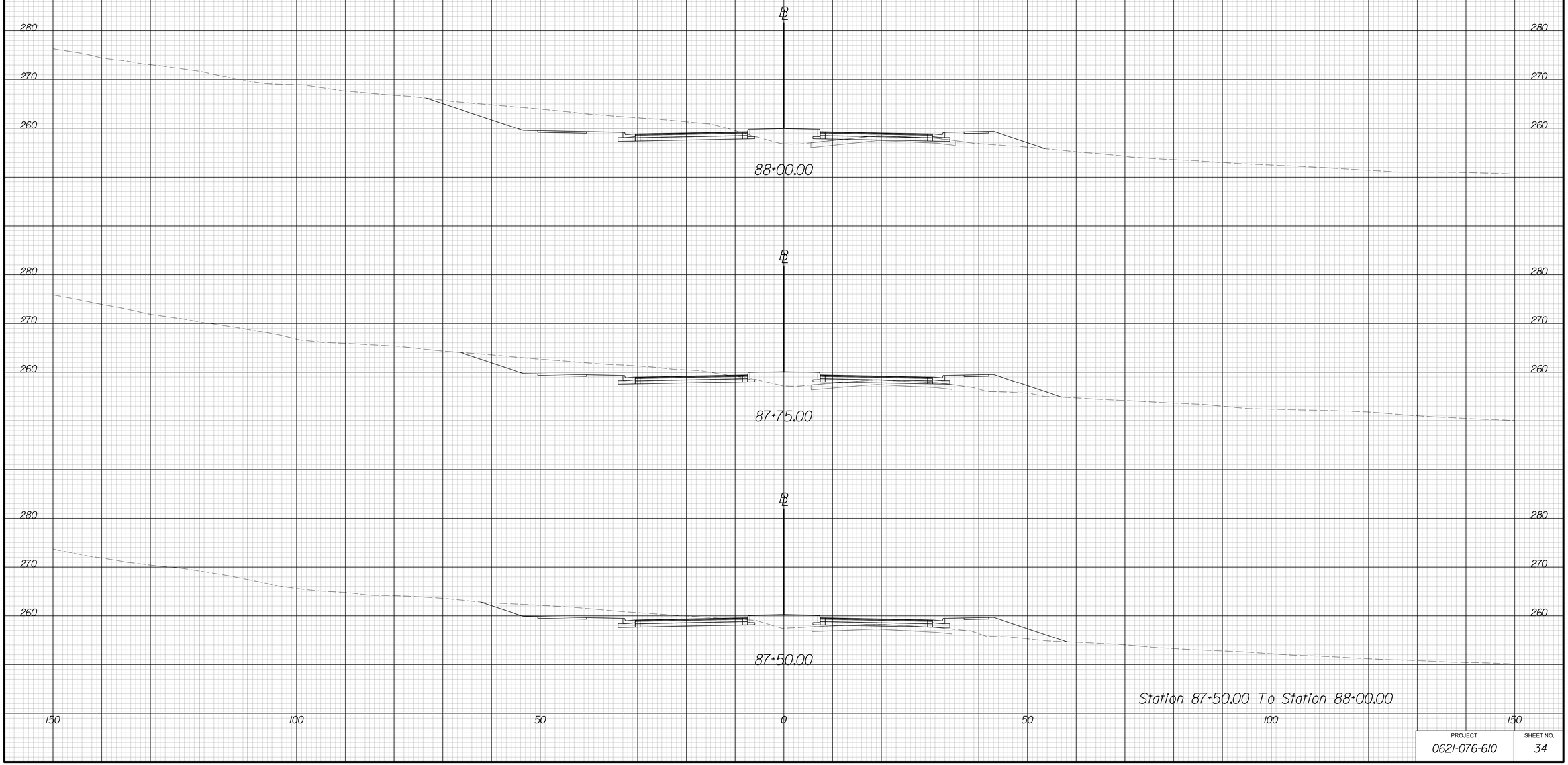
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	34

Devlin Road



Station 87+50.00 To Station 88+00.00

PROJECT	SHEET NO.
0621-076-610	34

5/4/2021
8:41:59 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

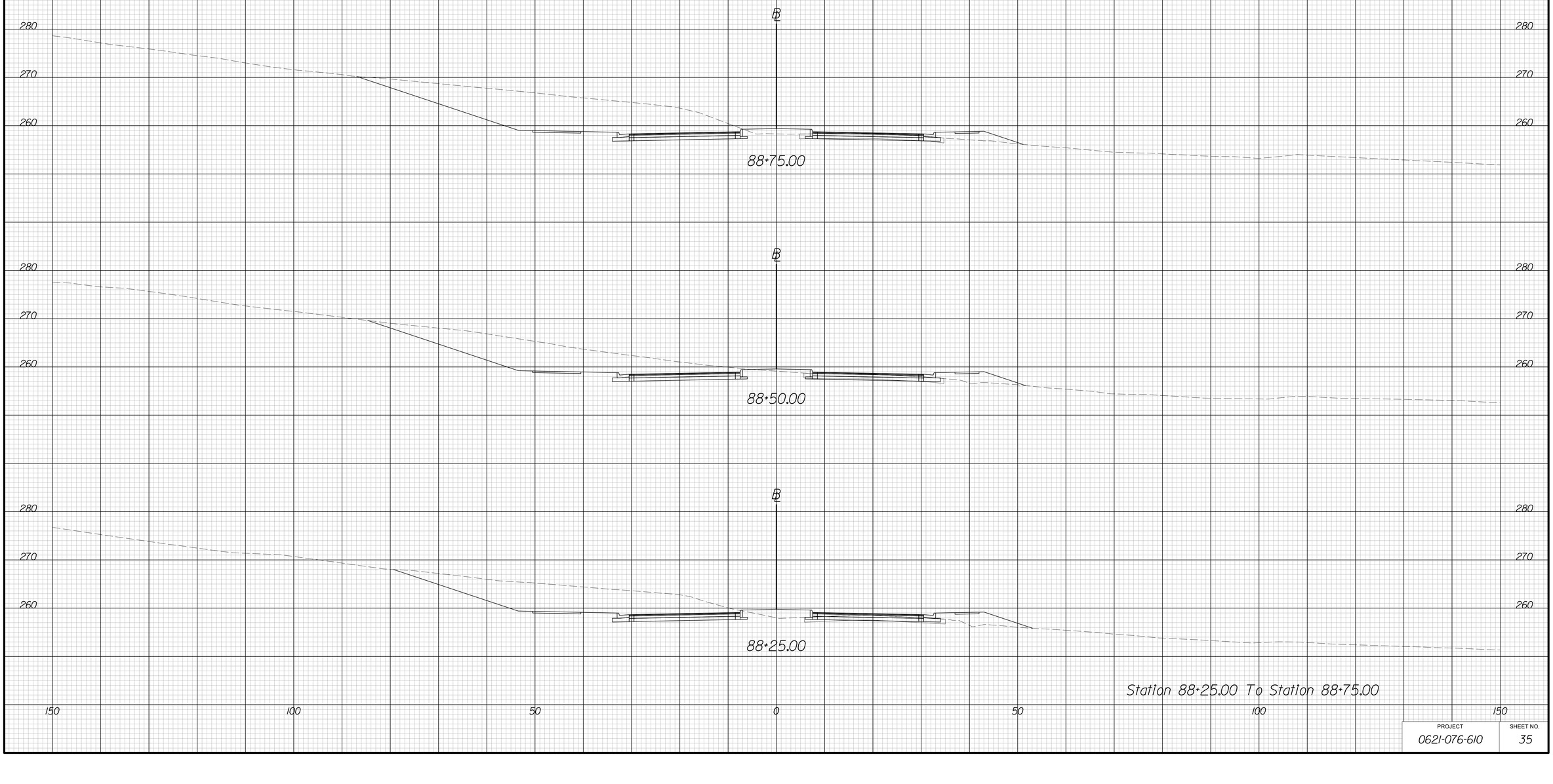
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	35

Devlin Road



Station 88+25.00 To Station 88+75.00

PROJECT	SHEET NO.
0621-076-610	35

5/4/2021
8:42:03 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

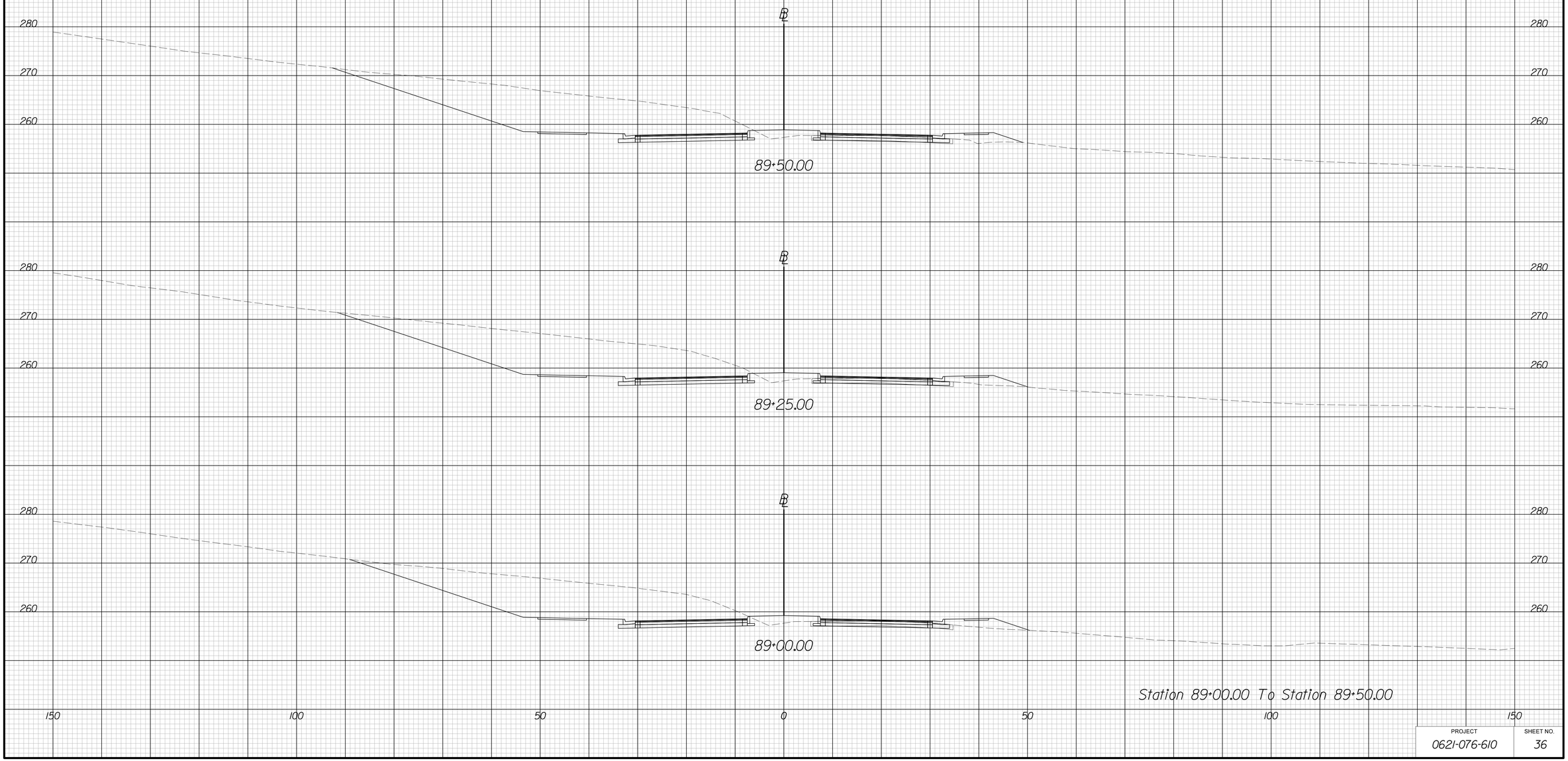
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	36

Devlin Road



Station 89+00.00 To Station 89+50.00

PROJECT	SHEET NO.
0621-076-610	36

5/4/2021
8:42:07 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

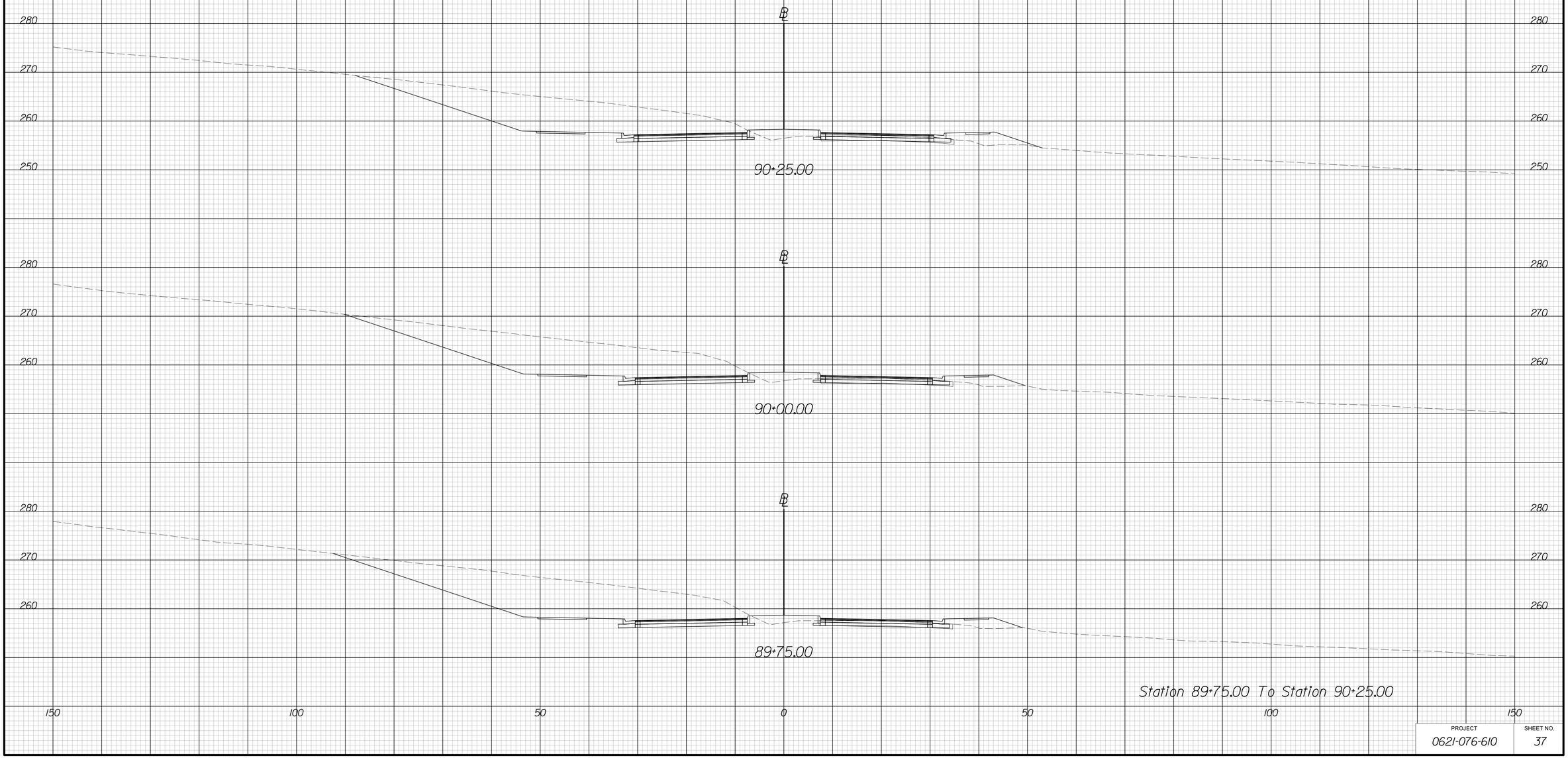
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	37

Devlin Road



Station 89+75.00 To Station 90+25.00

PROJECT	SHEET NO.
0621-076-610	37

5/4/2021
8:42:11 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

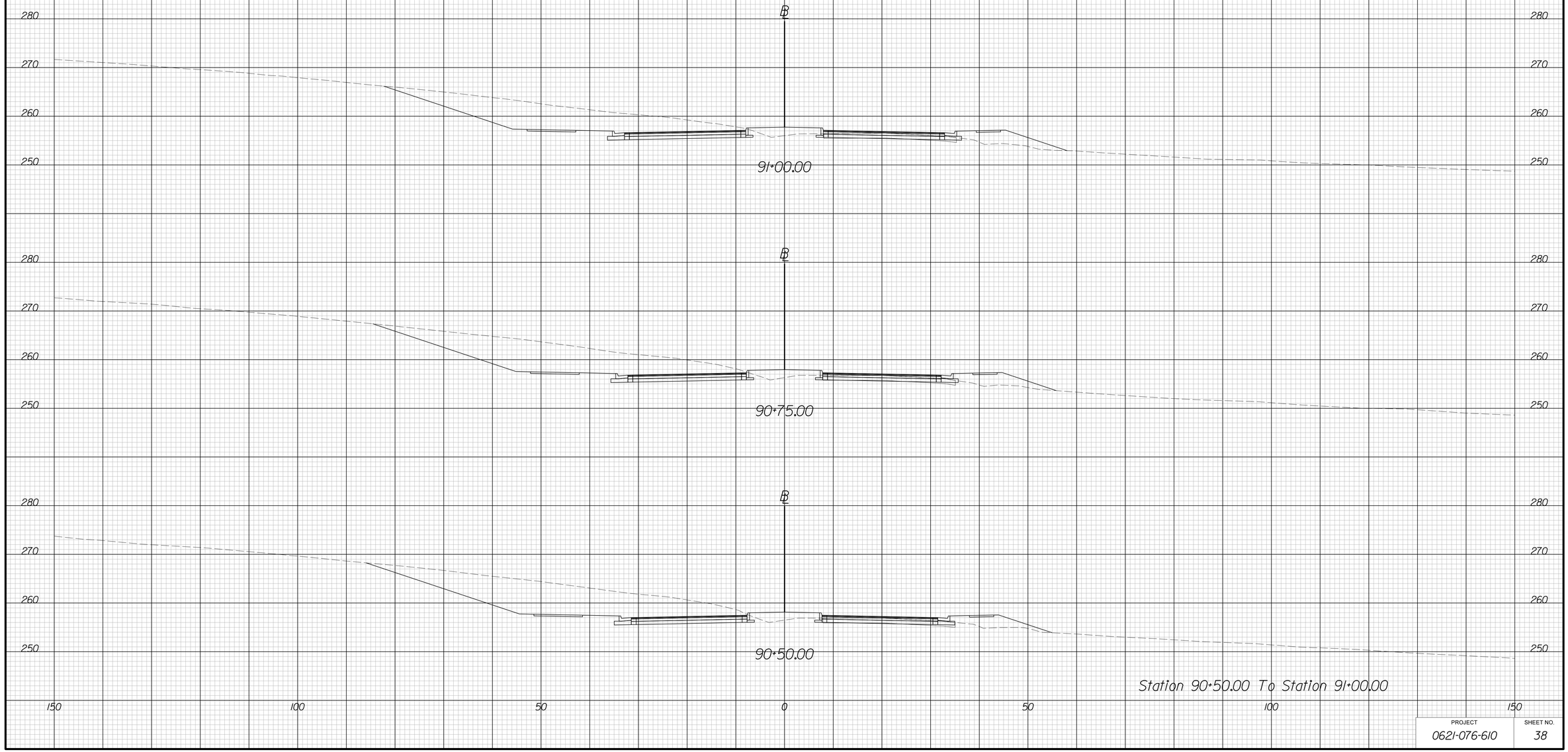
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	38

Devlin Road



Station 90+50.00 To Station 91+00.00

PROJECT	SHEET NO.
0621-076-610	38

5/4/2021
8:42:15 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

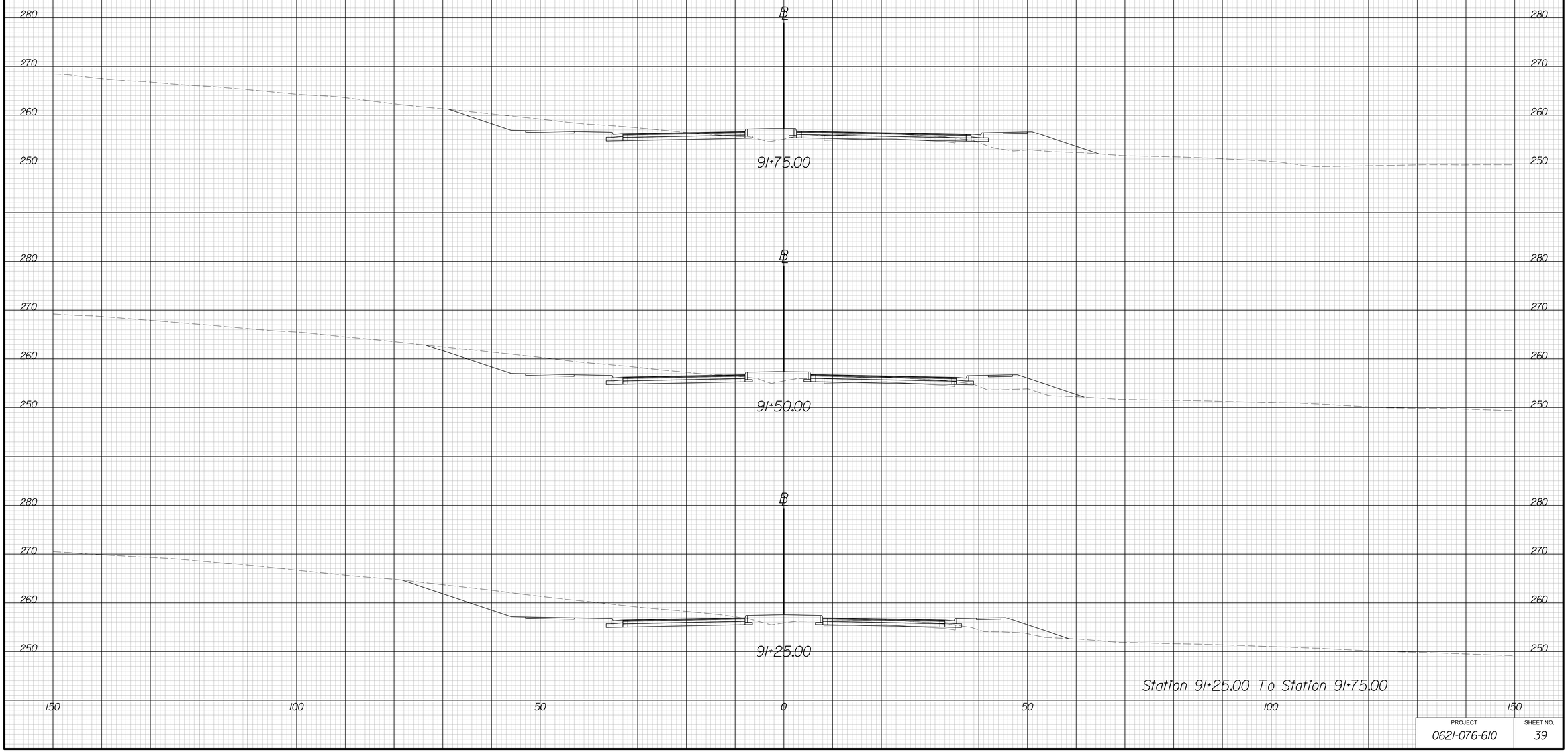
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	39

Devlin Road



Station 91+25.00 To Station 91+75.00

PROJECT	SHEET NO.
0621-076-610	39

5/4/2021
8:42:18 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

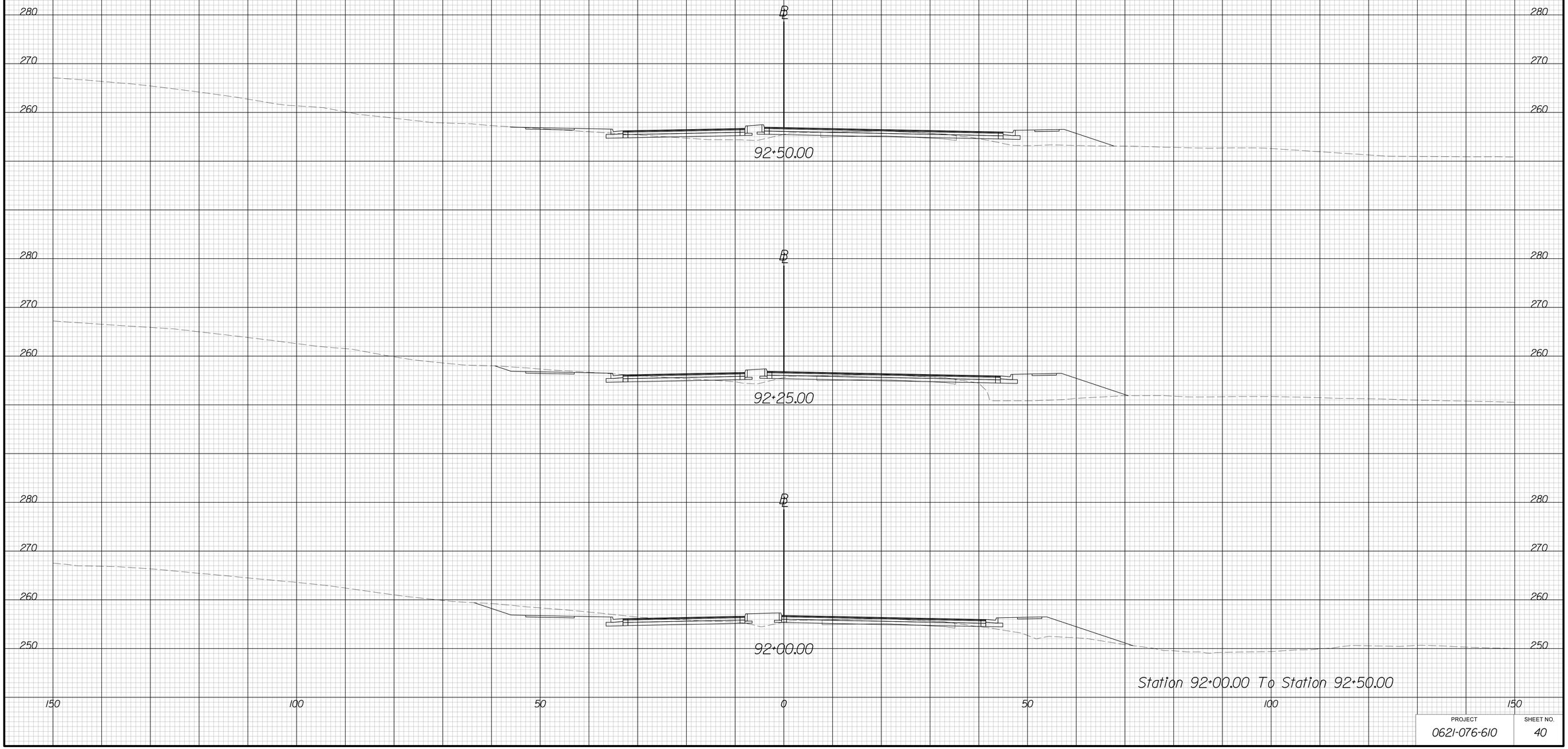
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	40

Devlin Road



Station 92+00.00 To Station 92+50.00

PROJECT	SHEET NO.
0621-076-610	40

5/4/2021
8:42:22 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

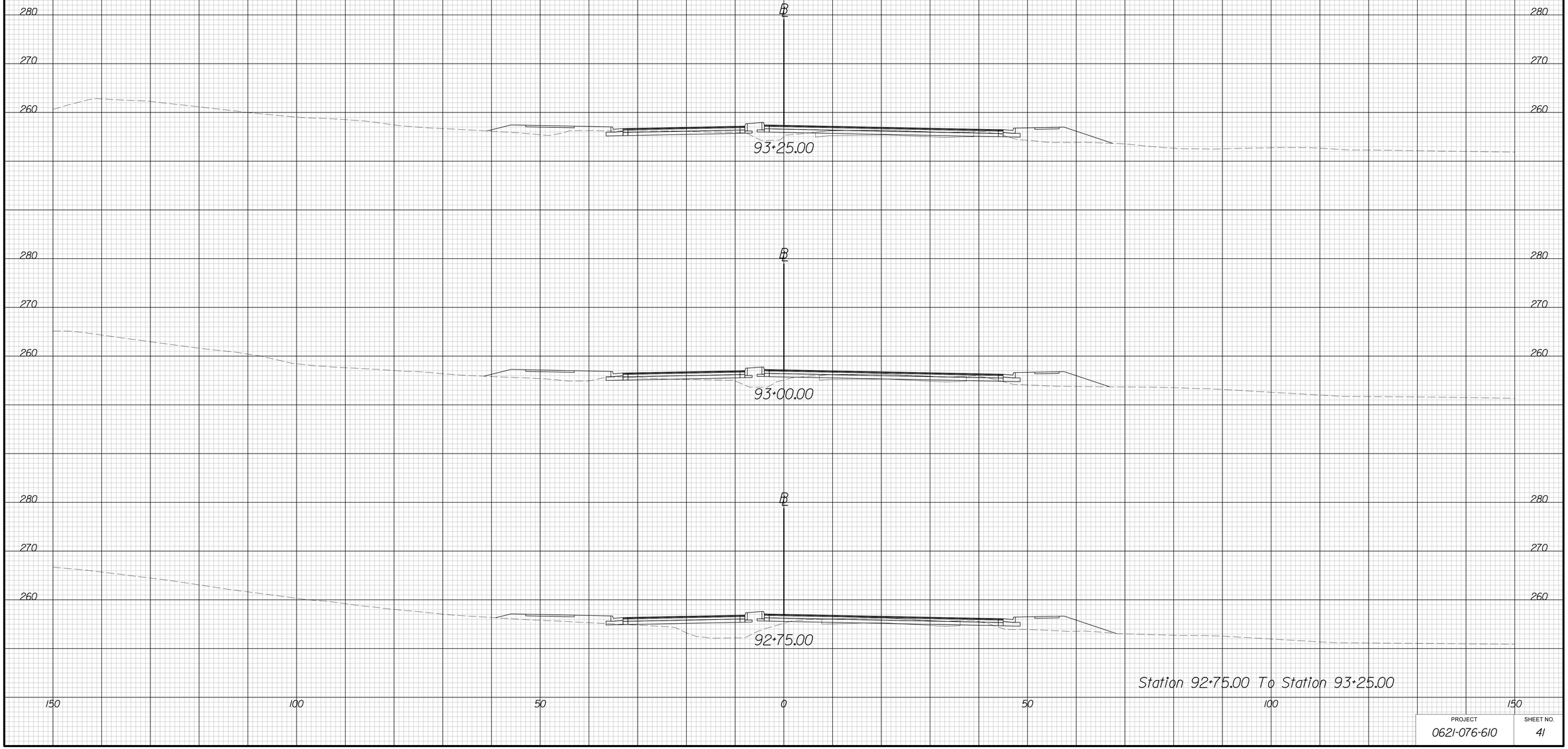
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	41

Devlin Road



Station 92+75.00 To Station 93+25.00

PROJECT	SHEET NO.
0621-076-610	41

5/4/2021
8:42:26 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

CROSS SECTIONS

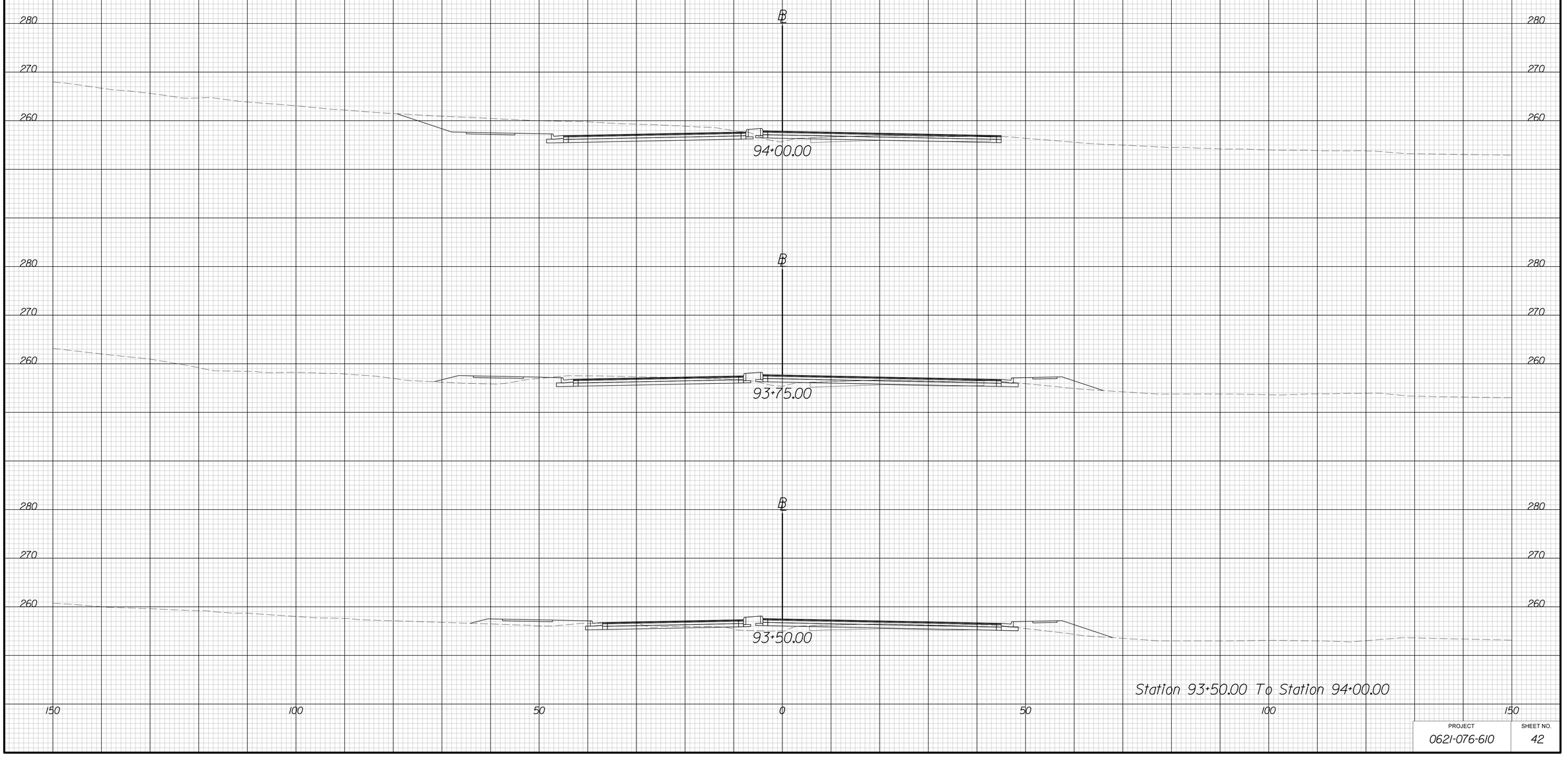
SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	42

Devlin Road

Begin VDOT Project
0621-076-610, PE-101, C-501
94+03.39



Station 93+50.00 To Station 94+00.00

PROJECT	SHEET NO.
0621-076-610	42

5/4/2021
8:42:30 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

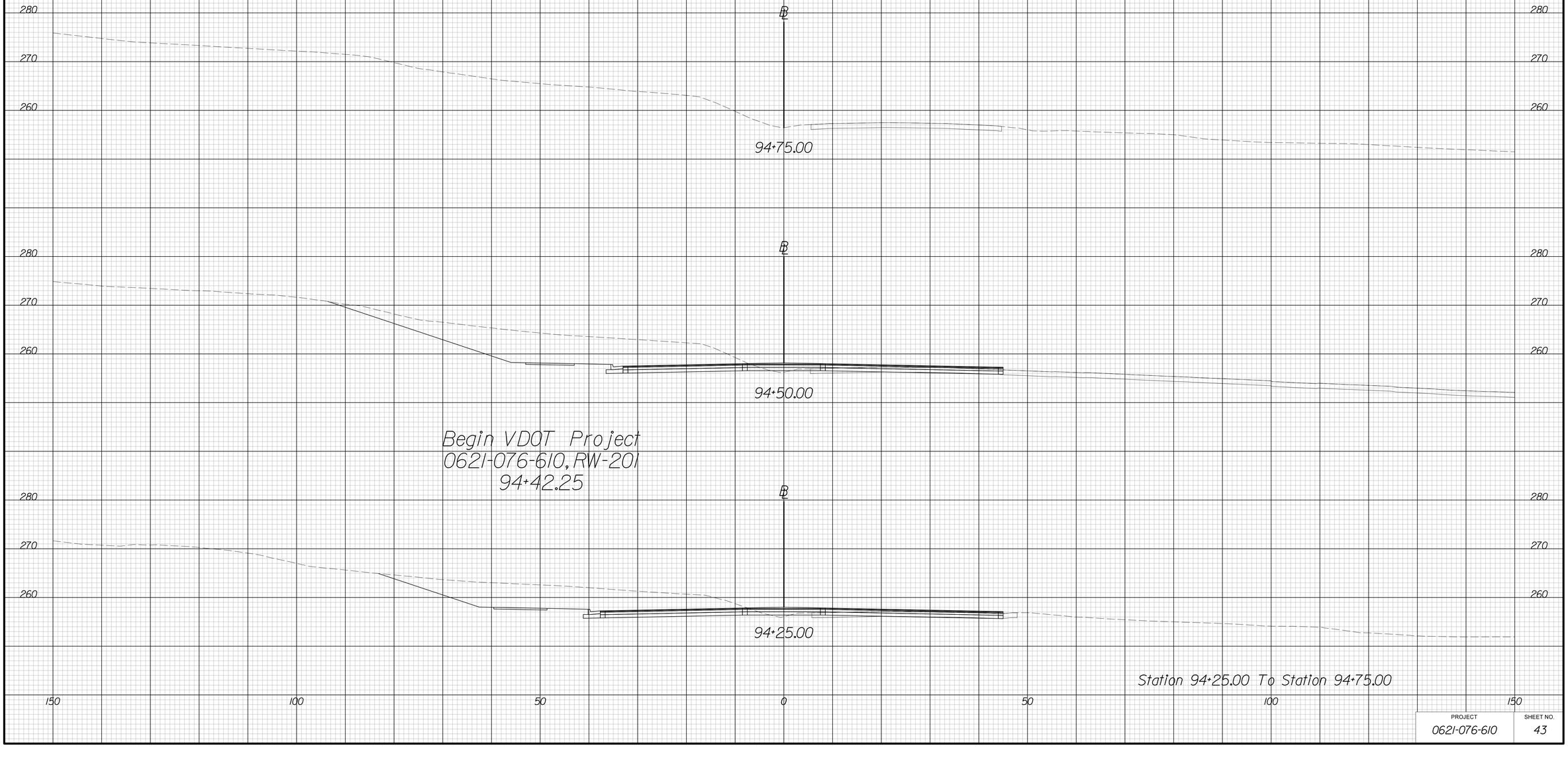
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	621	0621-076-610	43

Devlin Road



Station 94+25.00 To Station 94+75.00

PROJECT	SHEET NO.
0621-076-610	43

5/4/2021
8:42:34 AM

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YYY
SUBSURFACE UTILITY BY, DATE ZZZ

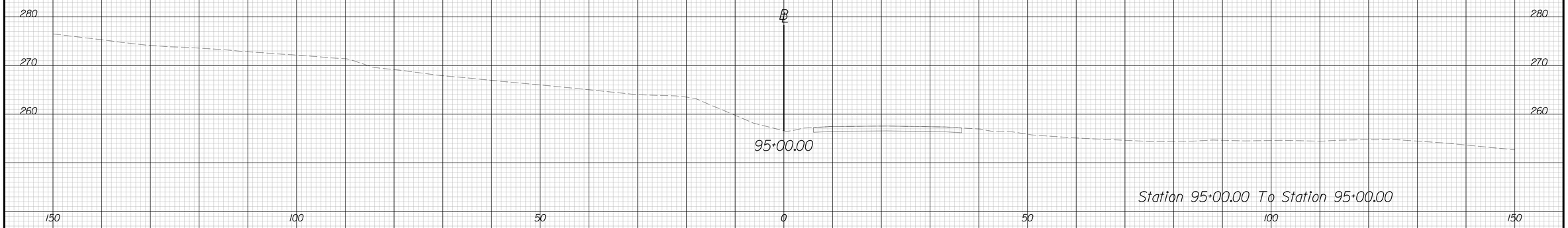
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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

REVISED	STATE	STATE		SHEET NO.
		ROUTE	PROJECT	
	VA.	621	0621-076-610	44

Devlin Road



Station 95+00.00 To Station 95+00.00

PROJECT	SHEET NO.
0621-076-610	44