

Rte.	Road Name	Posted Speed	GS Std.	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 Branch Dr.	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 NORTH - 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	ROUTE	STATE PROJECT	SHEET NO.
VA.	-	621	(NFO) 0621-076-610 (SEE TABULATION BELOW FOR SECTION NUMBERS)	1

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)	11,200
AADT (2026)	18,900
AADT (2045)	25,100
DHV (2045)	2,183
D (%) (design hour)	0.700
T (%) (design hour)	3%
V (MPH)	*
DESIGN VEHICLE	SEE 20 SHEET SERIES FOR AUTOTURNS

PROJECT MANAGER: Anwar, Maham, P.E., PWC, Dept. of Transportation, (571) 316-9624
 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) 318-0100; March, 2021

NOVA DISTRICT

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.

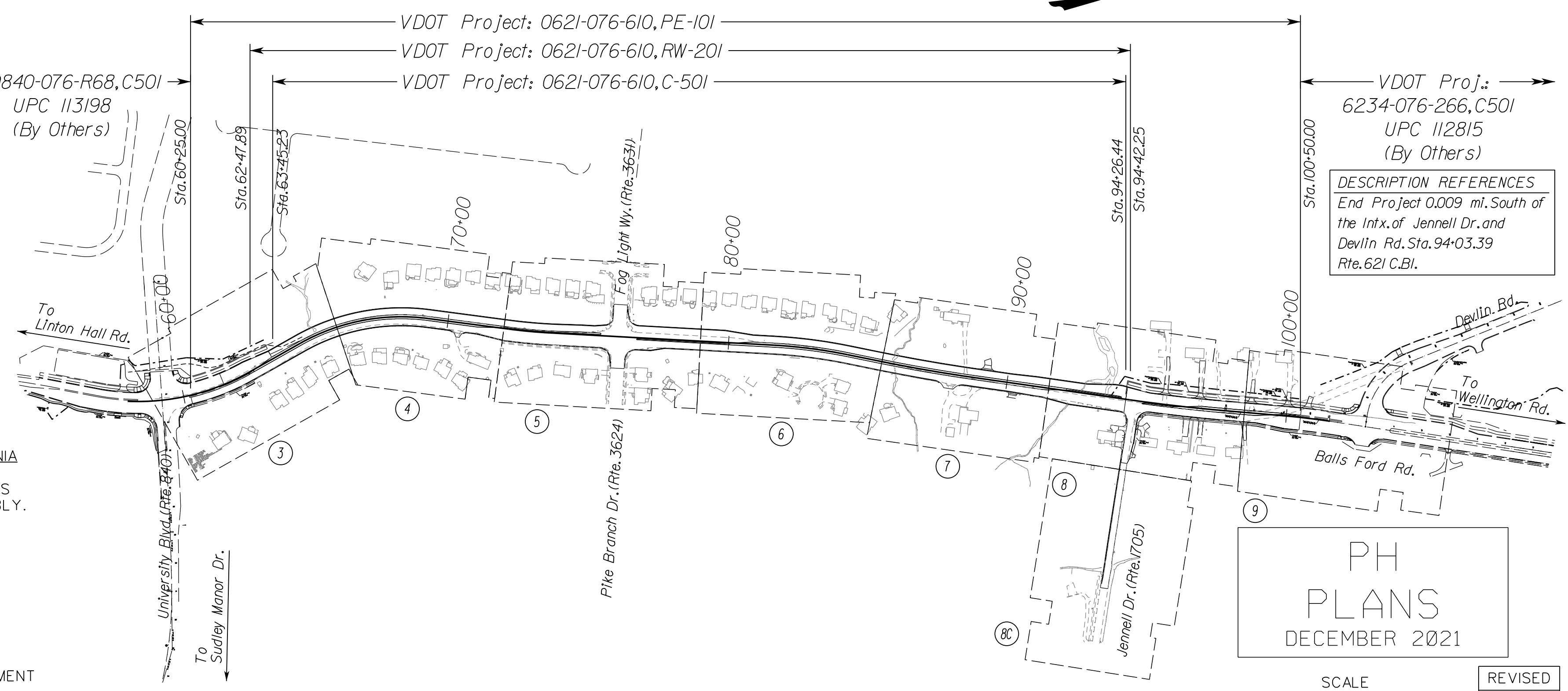
THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT'S 2020 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS (REVISED MAY 2020), 2009 MUTCD, 2011 VIRGINIA SUPPLEMENT TO THE MUTCD, 2011 VIRGINIA WORK AREA PROTECTION MANUAL REVISION 2, 2019 AND AS AMENDED BY CONTRACT PROVISIONS 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.

PROPOSED SWM FACILITY SHALL BE MAINTAINED BY VIRGINIA DEPARTMENT OF TRANSPORTATION.

STATE LINE	CITY/TOWN OR VILLAGE	RIGHT OF WAY LINE	FENCE LINE	UNFENCED PROPERTY LINE	FENCED PROPERTY LINE	WATER LINE	SANITARY SEWER LINE	GAS LINE	ELECTRIC UNDERGROUND CABLE	TRAVELED WAY	GUARD RAIL	RETAINING WALL	RAILROADS	BASE OR SURVEY LINE
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---



PROJECT DISTURBED AREA
Approximately 10.38 acres will be disturbed with this project.

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

TIER 2 PROJECT	
LOCALLY ADMINISTERED PROJECTS	PRINCE WILLIAM COUNTY DEPARTMENT OF TRANSPORTATION RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION (PARTIAL TAKES) ASSISTANT DIRECTOR OF TRANSPORTATION
LOCALLY ADMINISTERED PROJECTS	PRINCE WILLIAM COUNTY DEPARTMENT OF TRANSPORTATION RECOMMENDED FOR APPROVAL FOR CONSTRUCTION ASSISTANT DIRECTOR OF TRANSPORTATION
RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION (PARTIAL TAKES)	INFRASTRUCTURE INVESTMENT DIRECTOR STATE LOCATION AND DESIGN ENGINEER CHIEF FINANCIAL OFFICER CHIEF ENGINEER
RECOMMENDED FOR APPROVAL FOR CONSTRUCTION	CHIEF OF POLICY INFRASTRUCTURE INVESTMENT DIRECTOR STATE LOCATION AND DESIGN ENGINEER STATE STRUCTURE AND BRIDGE ENGINEER CHIEF FINANCIAL OFFICER
APPROVED FOR CONSTRUCTION	CHIEF ENGINEER
APPROVED	DIVISION ADMINISTRATOR FEDERAL HIGHWAY ADMINISTRATION U.S. DEPARTMENT OF TRANSPORTATION

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		TYPE PROJECT	DESCRIPTION
					FEET	MILES	FEET	MILES		
0621-076-610	PE-101	-	PENG	118253	4,025.00	0.762	4,025.00	0.762	Prelim. Eng.	Sta. 60+25.00 to 100+50.00
	C-501	-	1000	118253	3,081.21	0.584	3,081.21	0.584	Construction	Sta. 63+45.23 to 94+26.44
	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

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.

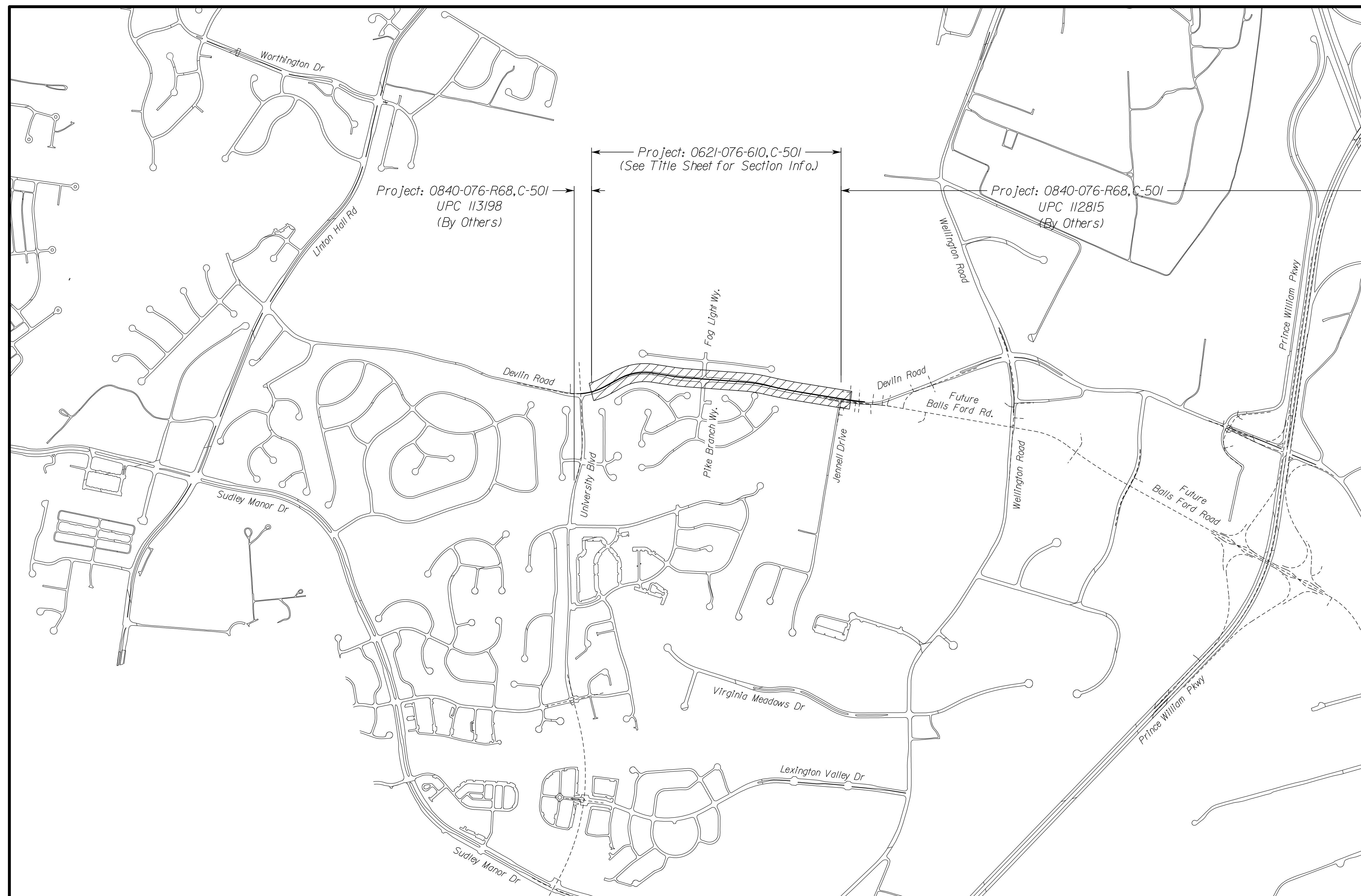
PH PLANS

PROJECT MANAGER: *PWC DOT: Aowar_Mohamreh, P.E. (571) 316-9624*
SURVEYED BY, DATE: *RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021*
DESIGN BY: *RDA: Mack_A_Gunn, P.E. (703) 334-9288*
SUBSURFACE UTILITY BY, DATE: *Accurmark (703) 378-0100; March, 2021*

Project Location Map

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 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)

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

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PH PLANS

SCALE 0' 750' 1500'	VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1A
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NOVA DISTRICT

PROJECT MANAGER _PWCDDOT-Aowar_Mohamed,P.E.(571)316-9624-----
 SURVEYED BY, DATE _RDA- Nicholas_Kougoulis_L.S.(703)334-9302; March, 2021
 DESIGN BY RDA: Mack_A.Gunn_P.E.(703)334-9288-----
 SUBSURFACE UTILITY BY, DATE Accurmark (703)378-0100; March, 2021-----

Project Index of Sheets

REVISED	STATE	STATE		SHEET NO.
		ROUTE	VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 RW201	1B

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	DESCRIPTION
VDOT Project 0621-076-610, PE101, RW201, CS01	

Sheet No. 1	Title Sheet
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
Sheet No. 1F	Survey Traverse Control
Sheet No. 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	Construction Alignment Data
Sheet No. 1G(1)	Construction Alignment Data
Sheet No. 1H	Underground Utilities Test Hole Information
Sheet No. 1J	Temporary Traffic Control General Notes
** 1J(1)	Temporary Traffic Control Sequence of Construction Narrative
Sheet No. 1J(2)	Temporary Traffic Control Plans Typical Sections
Sheet No. 1J(3)	Temporary Traffic Control Plans Typical Sections
Sheet No. 1K(3)	Temporary Traffic Control Plans Phase 1 (Sta.59+00 to 66+00)
Sheet No. 1K(4)	Temporary Traffic Control Plans Phase 1 (Sta.66+00 to 72+00)
Sheet No. 1K(5)	Temporary Traffic Control Plans Phase 1 (Sta.72+00 to 79+00)
Sheet No. 1K(6)	Temporary Traffic Control Plans Phase 1 (Sta.79+00 to 85+50)
Sheet No. 1K(7)	Temporary Traffic Control Plans Phase 1 (Sta.85+50 to 91+50)
Sheet No. 1K(8)	Temporary Traffic Control Plans Phase 1 (Sta.91+50 to 98+50)
Sheet No. 1K(9)	Temporary Traffic Control Plans Phase 1 (Sta.98+50 to 101+53)
Sheet No. 1L(3)	Temporary Traffic Control Plans Phase 2 (Sta.59+00 to 66+00)
Sheet No. 1L(4)	Temporary Traffic Control Plans Phase 2 (Sta.66+00 to 72+00)
Sheet No. 1L(5)	Temporary Traffic Control Plans Phase 2 (Sta.72+00 to 79+00)
Sheet No. 1L(6)	Temporary Traffic Control Plans Phase 2 (Sta.79+00 to 85+50)
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Sheet No. 1L(8)	Temporary Traffic Control Plans Phase 2 (Sta.91+50 to 98+50)
Sheet No. 1L(8D)	Temporary Traffic Control Plans Phase 2 (Sta.12+50 to 18+55)
Sheet No. 1L(9)	Temporary Traffic Control Plans Phase 2 (Sta.12+50 to 18+55)
Sheet No. 1M(3)	Temporary Traffic Control Plans Phase 3 (Sta.59+00 to 66+00)
Sheet No. 1M(4)	Temporary Traffic Control Plans Phase 3 (Sta.66+00 to 72+00)
Sheet No. 1M(5)	Temporary Traffic Control Plans Phase 3 (Sta.72+00 to 79+00)
Sheet No. 1M(6)	Temporary Traffic Control Plans Phase 3 (Sta.79+00 to 85+50)
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Sheet No. 1M(8D)	Temporary Traffic Control Plans Phase 3 (Sta.12+50 to 18+55)
Sheet No. 1M(9)	Temporary Traffic Control Plans Phase 3 (Sta.98+50 to 101+53)
** 1N thru 1T	Not Used
Sheet No. 1U	Erosion and Sediment Control Notes and Details
Sheet No. 1U(1)	Soil Identification Map
** 1U(2)	Erosion and Sediment Control Plan VESCH Narrative and Checklist
** 1U(3)	Letter of Nutrient Purchase
Sheet No. 1V(3)	Erosion and Sediment Control Phase 1, Route 621 (Sta.59+00 to 66+00)
Sheet No. 1V(4)	Erosion and Sediment Control Phase 1, Route 621 (Sta.66+00 to 72+00)
Sheet No. 1V(5)	Erosion and Sediment Control Phase 1, Route 621 (Sta.72+00 to 79+00)
Sheet No. 1V(6)	Erosion and Sediment Control Phase 1, Route 621 (Sta.79+00 to 85+50)
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Sheet No. 1V(8)	Erosion and Sediment Control Phase 1, Route 621 (Sta.91+50 to 98+50)
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Sheet No. 1W(4)	Erosion and Sediment Control Phase 2, Route 621 (Sta.66+00 to 72+00)
Sheet No. 1W(5)	Erosion and Sediment Control Phase 2, Route 621 (Sta.72+00 to 79+00)
Sheet No. 1W(6)	Erosion and Sediment Control Phase 2, Route 621 (Sta.79+00 to 85+50)
Sheet No. 1W(7)	Erosion and Sediment Control Phase 2, Route 621 (Sta.85+50 to 91+50)
Sheet No. 1W(8)	Erosion and Sediment Control Phase 2, Route 621 (Sta.91+50 to 98+50)
Sheet No. 1W(8D)	Erosion and Sediment Control Phase 2, Rte.1705 (Sta.12+50 to 18+55)
** 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

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Sheet No. 2C	Geotechnical Recommendations
** 2D	Roadside Development
** 2E thru 2I	Not Used
** 2J	Ditch Typical and Profiles
Sheet No. 2K	Drainage Descriptions
Sheet No. 2K(1)	Drainage Descriptions
Sheet No. 2L	Drainage Profiles
Sheet No. 2L(1)	Drainage Profiles
Sheet No. 2L(2)	Drainage Profiles
Sheet No. 2L(3)	Drainage Profiles
Sheet No. 2L(4)	Drainage Profiles
Sheet No. 2L(5)	Drainage Profiles
Sheet No. 2L(6)	Drainage Profiles
Sheet No. 2L(7)	Existing Pipe Extension Details
** 2M	SWM Pond 7-1
Sheet No. 2N	Stormwater Pollution Prevention Plan (SWPPP) General Information Sheet
Sheet No. 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
Sheet No. 2Q	CG-12 Details
Sheet No. 2Q(1)	CG-12 Details
** 2R	Not Used
Sheet No. 2S	Curb Return Profiles
Sheet No. 2S(1)	Curb Return Profiles
Sheet No. 2S(2)	Curb Return Profiles
Sheet No. 2T	Retaining Wall Profile and Detail Sheets (RW 4-1)
Sheet No. 2T(1)	Retaining Wall Profile and Detail Sheets (RW 4-1)
Sheet No. 2T(2)	Retaining Wall Profile and Detail Sheets (RW 5-1)
Sheet No. 2T(3)	Retaining Wall Profile and Detail Sheets (RW 5-1)
Sheet No. 2U	Noise Wall Profiles and Detail Sheets (NW 3-1)
Sheet No. 2U(1)	Noise Wall Profiles and Detail Sheets (NW 4-1)
Sheet No. 2U(2)	Noise Wall Profiles and Detail Sheets (NW 4-1)
Sheet No. 2U(3)	Noise Wall Profiles and Detail Sheets (NW 4-2)
Sheet No. 2U(4)	Noise Wall Profiles and Detail Sheets (NW 5-1)
Sheet No. 2U(5)	Noise Wall Profiles and Detail Sheets (NW 5-1)
Sheet No. 2U(6)	Noise Wall Profiles and Detail Sheets (NW 5-2)
Sheet No. 2U(7)	Noise Wall Profiles and Detail Sheets (NW 5-2)
** 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 98+50)
Sheet No. 8RW	Prop.R/W and Survey Boundary Info
Sheet No. 8A	Profile Sheet, Rte.621 (Sta.91+50 to 98+50)
Sheet No. 8B	Profile Sheet, Rte.1705 (Sta.10+00 to 12+50)
Sheet No. 8C	Entrance Profiles
Sheet No. 8D	Plan Sheet, Rte.1705 (Sta.12+50 to 18+55)
Sheet No. 8DRW	Prop.R/W and Survey Boundary Info
Sheet No. 8E	Profile Sheet, Rte.1705 (Sta.12+50 to 18+55)
Sheet No. 9	Plan Sheet, Rte.621 (Sta.98+50 to 101+53)

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Sheet No. 9A	Profile Sheet, Rte.621 (Sta.98+50 to 101+53)
Sheet No. 10(3)	Pavement Marking Plan (Sta.59+00 to 66+00)
Sheet No. 10(4)	Pavement Marking Plan (Sta.66+00 to 72+00)
Sheet No. 10(5)	Pavement Marking Plan (Sta.72+00 to 79+00)
Sheet No. 10(6)	Pavement Marking Plan (Sta.79+00 to 85+50)
Sheet No. 10(7)	Pavement Marking Plan (Sta.85+50 to 91+50)
Sheet No. 10(8)	Pavement Marking Plan (Sta.91+50 to 98+50)
Sheet No. 10(8D)	Pavement Marking Plan (Sta.12+50 to 18+55)
Sheet No. 10(9)	Pavement Marking Plan (Sta.98+50 to 101+53)
Sheet No. 11	Signing Plan General Notes, Legend, and Index of Sheets
Sheet No. 11(1A)	Permanent Signing Schedule
Sheet No. 11(2A)	Sign Panel Details
Sheet No. 11(2B)	Sign Panel Details
Sheet No. 11(3)	Signage Plan (Sta.59+00 to 66+00)
Sheet No. 11(4)	Signage Plan (Sta.66+00 to 72+00)
Sheet No. 11(5)	Signage Plan (Sta.72+00 to 79+00)
Sheet No. 11(6)	Signage Plan (Sta.79+00 to 85+50)
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Sheet No. 11(8D)	Signage Plan (Sta.12+50 to 18+55)
Sheet No. 11(9)	Signage Plan (Sta.98+50 to 101+53)
** 12	Traffic Signal Plans
Sheet No. 13(5)	Roadway Lighting Plan at Fog Light and Pike Branch Intersection
Sheet No. 13(8)	Roadway Lighting Plan at Jennell Intersection
** 14	Water Line & Sanitary Sewer Relocation Plan
** 15	Utility Relocation Plans
** 16 thru 19	Not Used
** 20	AutoTurn Legend and Notes
** 20(1)	AutoTurn Intersection Movements for Fog Light/Pike Branch
** 20(2)	AutoTurn Intersection Movements for Jennell Drive

CROSS SECTIONS	
Sheet No. X	Project Index of Cross Sections
Sheet No. X1 thru X43	Devlin Road
Sheet No. X100	Fog Light Wy.
Sheet No. X200	Pike Branch Dr.
Sheet No. X300 thru X308	Jennell Dr.

INDEX PLAN SET NOTES:	
145 Total plan and profile sheets in this set	
55 Total cross section sheets	
** Denotes plans not included in this submission	

NOVA DISTRICT

12/15/2021

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

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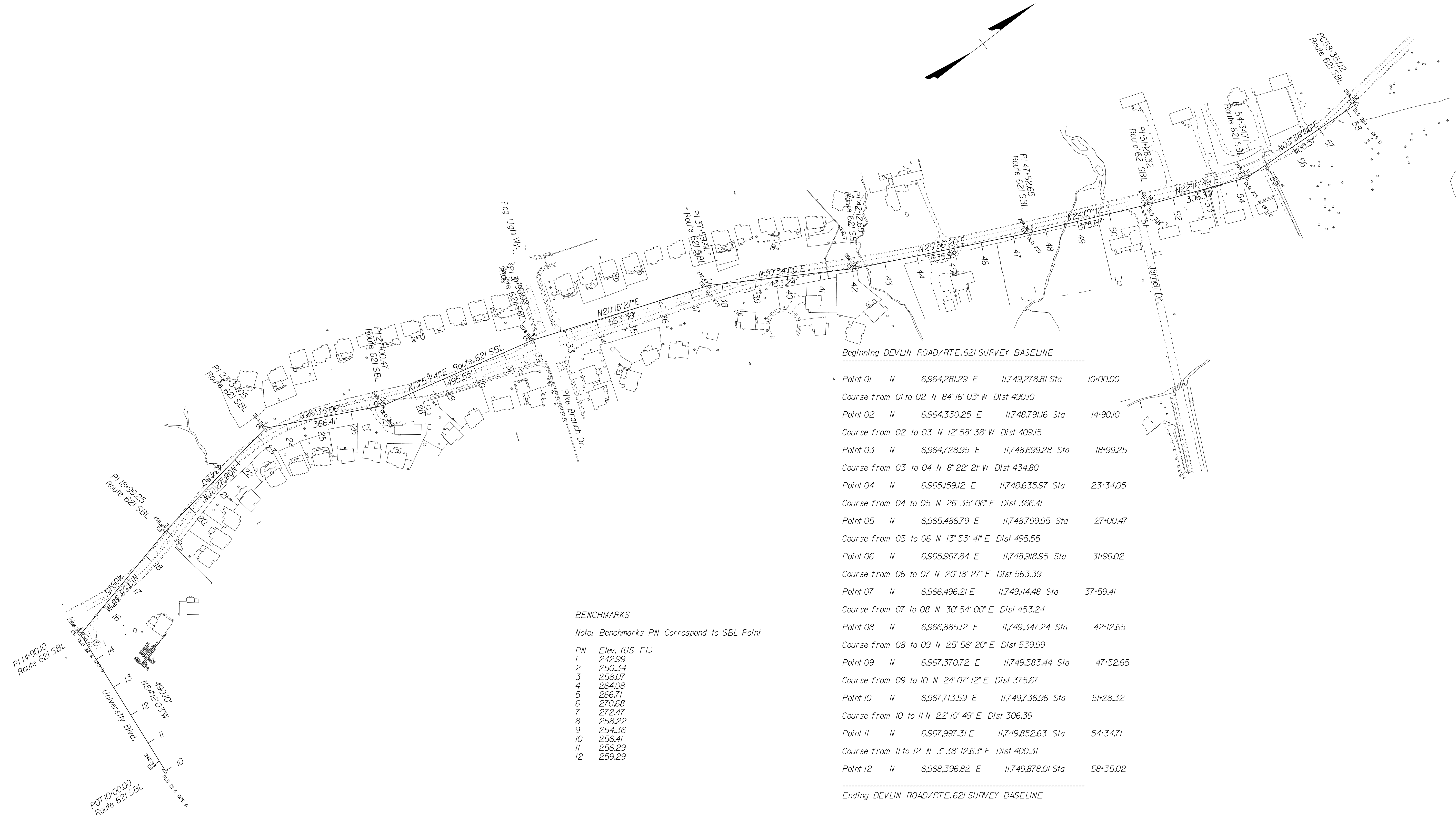
PH PLANS

PROJECT MANAGER PWCDOT: Awwar, Motbarneh, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas Kougoullis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

Survey Traverse Control

REVISED	STATE		VDOT PROJECT NO.	SHEET NO.
	STATE	ROUTE		
	VA.	621	0621-076-610 PE101 CS01 RW201	1F(1)

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



BENCHMARKS

Note: Benchmarks PN Correspond to SBL Point

PN	Elev. (US Ft.)
1	242.99
2	250.34
3	258.07
4	264.08
5	266.71
6	270.68
7	272.47
8	258.22
9	254.36
10	256.41
11	256.29
12	259.29

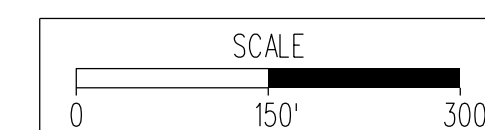
Beginning DEVLIN ROAD/RTE. 621 SURVEY BASELINE

Point 01	N	6,964,281.29	E	11,749,278.81	Sta	10+00.00
Course from 01 to 02 N 8° 16' 03" W Dist 490.10						
Point 02	N	6,964,330.25	E	11,748,791.16	Sta	14+90.10
Course from 02 to 03 N 12° 58' 38" W Dist 409.15						
Point 03	N	6,964,728.95	E	11,748,699.28	Sta	18+99.25
Course from 03 to 04 N 8° 22' 21" W Dist 434.80						
Point 04	N	6,965,159.12	E	11,748,635.97	Sta	23+34.05
Course from 04 to 05 N 26° 35' 06" E Dist 366.41						
Point 05	N	6,965,486.79	E	11,748,799.95	Sta	27+00.47
Course from 05 to 06 N 13° 53' 41" E Dist 495.55						
Point 06	N	6,965,967.84	E	11,748,918.95	Sta	31+96.02
Course from 06 to 07 N 20° 18' 27" E Dist 563.39						
Point 07	N	6,966,496.21	E	11,749,114.48	Sta	37+59.41
Course from 07 to 08 N 30° 54' 00" E Dist 453.24						
Point 08	N	6,966,885.12	E	11,749,347.24	Sta	42+12.65
Course from 08 to 09 N 25° 56' 20" E Dist 539.99						
Point 09	N	6,967,370.72	E	11,749,583.44	Sta	47+52.65
Course from 09 to 10 N 24° 07' 12" E Dist 375.67						
Point 10	N	6,967,713.59	E	11,749,736.96	Sta	51+28.32
Course from 10 to 11 N 22° 10' 49" E Dist 306.39						
Point 11	N	6,967,997.31	E	11,749,852.63	Sta	54+34.71
Course from 11 to 12 N 3° 38' 12.63" E Dist 400.31						
Point 12	N	6,968,396.82	E	11,749,878.01	Sta	58+35.02

Ending DEVLIN ROAD/RTE. 621 SURVEY BASELINE

NOVA DISTRICT

12/8/2021



VDOT PROJECT NO.
0621-076-610
PWCDOT PROJECT NO.
SPR2021-00067

SHEET NO.
1F(1)

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.

PH PLANS

PROJECT MANAGER: PWC DOT: Aowar_Mohamed, P.E. (571) 316-9624
 SURVEYED BY, DATE: RDA: Nicholas_Kougoullis, L.S. (703) 334-9302; March, 2021
 DESIGN BY: RDA: Mack_A_Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March, 2021

Survey Control Cards

REVISED	STATE		VDOT PROJECT NO.	SHEET NO.
	STATE	ROUTE		
	VA.	621	0621-076-610 PE101 CS01 RW201	1F(1)

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

LD-200 (REV. 10/2014) Virginia Department of Transportation Horizontal Control
 Control Station I.D.: I Date: 05-17-2021

VDOT Project Coordinates (2014) East (X): 11749278.814 ft. North (Y): 6964281.294 ft. Elevation: 242.99 ft.	VA State Plane Coordinates: NAD 83 - U.S. Survey Feet East (X): 11748631.817 ft. North (Y): 6963897.792 ft. Ortho. Elevation (H): 242.99 ft. Zone: North & South (place an 'X' beside one)
Project Specific Combined Scale Factor: 1.000055070 (9 Decimal Places)	Project Information Project Number: 118253 Route: 621 City/County: Prince William Established By: RDA
Latitude: 38° 46' 02.9195" N (5 Decimal Places) Longitude: 77° 34' 04.9637" W (5 Decimal Places) Geoid Separation (N): -32.037m Ellipsoid Height (H): 42.026m Horizontal Datum: NAD83 Year: 2011 Vertical Datum: NAVD88 Geoid: 2012b Azimuth to Station: 2 Is 275° 43' 57"	To convert Virginia State Plane Coordinates to VDOT Project Coordinates, use the following formula: * Multiply the Easting And Northing Values (For Both Zones) by the Project Specific Combined Scale Factor. (Located above left) * Reverse this Procedure to convert VDOT Project Coordinates (2014) to NAD 83 - U.S. Survey Feet

Control Based On: Station (Name/PID) OPUS Project or Project (Monument No.): N/A

DETAILED SKETCH (Not to Scale)

LD-200 (REV. 10/2014)

LD-200 (REV. 10/2014) Virginia Department of Transportation Horizontal Control
 Control Station I.D.: II Date: 05-17-2021

VDOT Project Coordinates (2014) East (X): 11749852.631 ft. North (Y): 6967997.314 ft. Elevation: 256.29 ft.	VA State Plane Coordinates: NAD 83 - U.S. Survey Feet East (X): 11749205.602 ft. North (Y): 6967613.608 ft. Ortho. Elevation (H): 256.29 ft. Zone: North & South (place an 'X' beside one)
Project Specific Combined Scale Factor: 1.000055070 (9 Decimal Places)	Project Information Project Number: 118253 Route: 621 City/County: Prince William Established By: RDA
Latitude: 38° 46' 39.59046" N (5 Decimal Places) Longitude: 77° 33' 57.24209" W (5 Decimal Places) Geoid Separation (N): -32.034 Ellipsoid Height (H): 46.083m Horizontal Datum: NAD83 Year: 2011 Vertical Datum: NAVD88 Geoid: 2012b Azimuth to Station: 12 Is 03° 38' 06"	To convert Virginia State Plane Coordinates to VDOT Project Coordinates, use the following formula: * Multiply the Easting And Northing Values (For Both Zones) by the Project Specific Combined Scale Factor. (Located above left) * Reverse this Procedure to convert VDOT Project Coordinates (2014) to NAD 83 - U.S. Survey Feet

Control Based On: Station (Name/PID) OPUS Project or Project (Monument No.): N/A

DETAILED SKETCH (Not to Scale)

LD-200 (REV. 10/2014)

LD-200 (REV. 10/2014) Virginia Department of Transportation Horizontal Control
 Control Station I.D.: 2 Date: 05-17-2021

VDOT Project Coordinates (2014) East (X): 11748791.161 ft. North (Y): 6964330.247 ft. Elevation: 250.34 ft.	VA State Plane Coordinates: NAD 83 - U.S. Survey Feet East (X): 11748144.191 ft. North (Y): 6963946.742 ft. Ortho. Elevation (H): 250.34 ft. Zone: North & South (place an 'X' beside one)
Project Specific Combined Scale Factor: 1.000055070 (9 Decimal Places)	Project Information Project Number: 118253 Route: 621 City/County: Prince William Established By: RDA
Latitude: 38° 46' 03.45224" N (5 Decimal Places) Longitude: 77° 34' 11.141" W (5 Decimal Places) Geoid Separation (N): -32.039m Ellipsoid Height (H): 44.265m Horizontal Datum: NAD83 Year: 2011 Vertical Datum: NAVD88 Geoid: 2012b Azimuth to Station: 1 Is 95° 43' 57"	To convert Virginia State Plane Coordinates to VDOT Project Coordinates, use the following formula: * Multiply the Easting And Northing Values (For Both Zones) by the Project Specific Combined Scale Factor. (Located above left) * Reverse this Procedure to convert VDOT Project Coordinates (2014) to NAD 83 - U.S. Survey Feet

Control Based On: Station (Name/PID) OPUS Project or Project (Monument No.): N/A

DETAILED SKETCH (Not to Scale)

LD-200 (REV. 10/2014)

LD-200 (REV. 10/2014) Virginia Department of Transportation Horizontal Control
 Control Station I.D.: 12 Date: 05-17-2021

VDOT Project Coordinates (2014) East (X): 11749878.014 ft. North (Y): 6968396.817 ft. Elevation: 259.29 ft.	VA State Plane Coordinates: NAD 83 - U.S. Survey Feet East (X): 11749230.984 ft. North (Y): 6968013.089 ft. Ortho. Elevation (H): 259.29 ft. Zone: North & South (place an 'X' beside one)
Project Specific Combined Scale Factor: 1.000055070 (9 Decimal Places)	Project Information Project Number: 118253 Route: 621 City/County: Prince William Established By: RDA
Latitude: 38° 46' 43.53653" N (5 Decimal Places) Longitude: 77° 33' 56.87028" W (5 Decimal Places) Geoid Separation (N): -32.034m Ellipsoid Height (H): 46.997m Horizontal Datum: NAD83 Year: 2011 Vertical Datum: NAVD88 Geoid: 2012b Azimuth to Station: 12 Is 183° 38' 06"	To convert Virginia State Plane Coordinates to VDOT Project Coordinates, use the following formula: * Multiply the Easting And Northing Values (For Both Zones) by the Project Specific Combined Scale Factor. (Located above left) * Reverse this Procedure to convert VDOT Project Coordinates (2014) to NAD 83 - U.S. Survey Feet

Control Based On: Station (Name/PID) OPUS Project or Project (Monument No.): N/A

DETAILED SKETCH (Not to Scale)

LD-200 (REV. 10/2014)

VDOT PROJECT NO. 0621-076-610 PWC DOT PROJECT NO. SPR2021-00067	SHEET NO. 1F(1)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

NOVA DISTRICT

12/8/2021

PROJECT MANAGER PNWCDOT-Awarat_Mohamed.P.E. (1571) 316-9624
SURVEYED BY, DATE RDA_Nicholas_Kougoulis.L.S. (703) 334-9302; March, 2021
DESIGN BY RDA_Mack_A.Gunn.P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

Note:
Inaccessible(1) - Str. Is Not Accessible Due to Traffic
Inaccessible(2) - Str. 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

REVISED	STATE	ROUTE	STATE		SHEET NO.
			VDOT PROJECT NO.		
	VA.	621	0621-076-610	PE101 CS01 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. Stm. Grate
Top = 253.21
Inv. In = 248.32 (From Str.2)
Inv. Out = 248.21 (To East)
- 2 to 1 In Pl. 190LF- 24" Conc. Pipe @ 1.35%
Inv. In = 248.32
Inv. Out = 250.88
- 2 In Pl. Stm. Grate
Top = 255.88
Inv. In = 251.01 (From Str.3)
Inv. Out = 250.88 (To Str.1)
- 3 to 2 In Pl. 118LF- 24" Conc. Pipe @ 1.27%
Inv. In = 251.01
Inv. Out = 252.51
- 3 In Pl. Stm. Grate
Top = 258.58
Inv. In = 254.35 (From Str.4)
Inv. Out = 252.51 (To Str.2)
- 4 to 3 In Pl. 57LF- 2" Conc. Pipe @ 3.61%
Inv. In = 254.35
Inv. Out = 256.41
- 4 In Pl. Stm. Grate
Top = 259.35
Inv. In = 256.53 (From Str.5)
Inv. Out = 256.41 (To Str.3)
- 5 to 4 In Pl. 108LF- 18" Conc. Pipe @ 4.67%
Inv. In = 256.53
Inv. Out = 261.57
- 5 In Pl. Manhole
Top = 266.96
Inv. In = 263.13 (From Str.6)
Inv. Out = 261.57 (To Str.4)
- 6 to 5 In Pl. 105LF- 18" Conc. Pipe @ 9.99%
Inv. In = 263.13
Inv. Out = 273.62
- 6 In Pl. Cl
Top = 281.70
Inv. In = 273.95 (From Southwest)
Inv. Out = 273.62 (To Str.5)
- 7 In Pl. Cl
Top = 261.00
Inv. In = 252.13 (From Str.8)
Inv. Out = 251.95 (To East)
- 7A In Pl. Cl
Top = 261.66
Inv. Out = 253.48 (To Str.7)
- 7A to 7 In Pl. 54LF- 15" Conc. Pipe @ 0.93%
Inv. In = 252.98
Inv. Out = 253.48
- 8 to 7 In Pl. 207LF- 33" Conc. Pipe @ 3.63%
Inv. In = 252.13
Inv. Out = 259.64
- 8 In Pl. Manhole
Top = 270.31
Inv. In = 260.28 (From Str.9)
Inv. In = 260.39 (From Str.8A)
Inv. Out = 259.64 (To Str.7)
- 8A to 8 In Pl. 256LF- 24" Conc. Pipe @ 1.20%
Inv. In = 260.39
Inv. Out = 263.46
- 9 to 8 In Pl. 102LF- 24" Conc. Pipe @ 4.23%
Inv. In = 260.28
Inv. Out = 264.59
- 8A In Pl. Stm. Grate
Top = 270.66
Inv. In = 263.66 (From Str.8B)
Inv. Out = 263.46 (To Str.8)
- 8B to 8A In Pl. 63LF- 24" Conc. Pipe @ 3.11%
Inv. In = 263.66
Inv. Out = 265.62
- 8B In Pl. Stm. Grate
Top = 268.45
Inv. Out = 265.62 (To Str.8A)
- 9 In Pl. Cl
Top = 271.82
Inv. In = 264.85 (From Str.10)
Inv. In = 266.30 (From Str.9A)
Inv. Out = 264.59 (To Str.8)
- 9A to 9 In Pl. 53LF- 15" Conc. Pipe @ 1.21%
Inv. In = 266.30
Inv. Out = 266.94
- 10 to 9 In Pl. 124LF- 24" Conc. Pipe @ 6.01%
Inv. In = 264.85
Inv. Out = 272.30
- 9A In Pl. Cl
Top = 271.87
Inv. Out = 266.94 (To Str.9)
- 10 In Pl. Manhole
Top = 279.17
Inv. In = 272.69 (From Str.11)
Inv. In = 272.58 (From Str.14)
Inv. Out = 272.28 (To Str.9)
- 10A to 10 In Pl. 96LF- 24" Conc. Pipe @ 3.92%
Inv. In = 272.69
Inv. Out = 276.45
- 11 to 10 In Pl. Cl
Top = 283.69
Inv. In = 276.88 (From Str.12)
Inv. Out = 276.45 (To Str.10)
- 12 to 11 In Pl. 29LF- 21" Conc. Pipe @ 1.83%
Inv. In = 276.80
Inv. Out = 277.33
- 12 In Pl. Cl
Top = 284.29
Inv. In = 277.63 (From Str.13)
Inv. Out = 277.33 (To Str.11)
- 13 to 12 In Pl. 58LF- 18" Conc. Pipe @ 4.66%
Inv. In = 277.63
Inv. Out = 280.33
- 13 In Pl. Cl
Top = 286.42
Inv. In = 280.58 (From North)
Inv. In = 280.61 (From West)
Inv. Out = 280.33 (To Str.12)
- 14 In Pl. Cl
Top = 283.90
Inv. In = 276.81 (From Str.15)
Inv. Out = 276.02 (To Str.10)
- 14 to 10 In Pl. 47LF- 24" Conc. Pipe @ 7.32%
Inv. In = 272.58
Inv. Out = 276.02
- 15 In Pl. Cl
Top = 284.56
Inv. In = 278.38 (From Str.16)
Inv. In = 278.38 (From South)
Inv. Out = 277.50 (To Str.14)
- 15 to 14 In Pl. 29LF- 18" Conc. Pipe @ 2.38%
Inv. In = 276.81
Inv. Out = 277.50
- 16 In Pl. Cl
Top = 287.79
Inv. In = 279.90 (From Str.17)
Inv. Out = 279.75 (To Str.15)
- 16 to 15 In Pl. 55LF- 15" Conc. Pipe @ 2.49%
Inv. In = 278.38
Inv. Out = 279.75
- 17 In Pl. Cl
Top = 287.64
Inv. Out = 280.42 (To Str.16)
- 17 to 16 In Pl. 37LF- 15" Conc. Pipe @ 1.41%
Inv. In = 279.90
Inv. Out = 280.42
- 18 In Pl. Stm. Grate
Top = 253.76
Inv. In = 250.26 (From Str.19)
Inv. Out = 250.22 (To Southwest)
- 19 to 18 In Pl. 197LF- 27" Conc. Pipe @ 2.01%
Inv. In = 254.30
Inv. Out = 250.26
- 19 In Pl. Manhole
Top = 264.49
Inv. In = 255.82 (From Str.19A)
Inv. In = 254.36 (From Str.20)
Inv. Out = 254.30 (To Str.18)
- 19A to 19 In Pl. 48LF- 15" Conc. Pipe @ 1.58%
Inv. In = 256.58
Inv. Out = 255.82
- 19A In Pl. Stm. Grate
Top = 259.32
Inv. Out = 256.58 (To Str.19)
- 20 In Pl. Cl
Top = 269.32
Inv. In = 255.79 (From Str.22)
Inv. Out = 255.52 (To Str.19)
- 20 to 19 In Pl. 47LF- 27" Conc. Pipe @ 2.47%
Inv. In = 255.52
Inv. Out = 254.36
- 21 In Pl. Stm. Grate
Top = 267.34
Inv. Out = 259.89 (To Str.22)
- 21 to 22 In Pl. 142LF- 15" Conc. Pipe @ 1.94%
Inv. In = 257.14
Inv. Out = 259.89
- 22 In Pl. Stm. Grate
Top = 265.92
Inv. In = 257.14 (From Str.21)
Inv. In = 256.12 (From Str.23)
Inv. Out = 255.99 (To Str.20)
- 22 to 20 In Pl. 63LF- 27" Conc. Pipe @ 0.32%
Inv. In = 255.79
Inv. Out = 255.99
- 23 In Pl. Stm. Grate
Top = 264.83
Inv. In = 257.47 (From Str.24)
Inv. In = 258.12 (From Str.23A)
Inv. Out = 257.39 (To Str.22)
- 23 to 22 In Pl. 261LF- 27" Conc. Pipe @ 0.49%
Inv. In = 256.12
Inv. Out = 257.39
- 23A In Pl. Cl
Top = 296.28
Inv. In = 287.78 (From West)
Inv. Out = 287.21 (To Str.23)
- 23A to 23 In Pl. 199LF- 15" Conc. Pipe @ 14.62%
Inv. In = 287.21
Inv. Out = 258.12
- 24 In Pl. Cl
Top = 262.74
Inv. In = 259.11 (From Str.25)
Inv. Out = 258.71 (To Str.23)
- 24 to 23 In Pl. 273LF- 24" Conc. Pipe @ 0.45%
Inv. In = 257.47
Inv. Out = 258.71
- 25 In Pl. Stm. Manhole
Top = 269.16
Inv. In = 262.79 (From Str.26)
Inv. Out = 262.19 (To Str.24)
- 25 to 24 In Pl. 29LF- 15" Conc. Pipe @ 10.62%
Inv. In = 259.11
Inv. Out = 262.19
- 26 In Pl. Stm. Grate
Top = 286.75
Inv. In = 280.40 (From West)
Inv. Out = 279.77 (To Str.25)
- 26 to 25 In Pl. 155LF- 15" Conc. Pipe @ 10.95%
Inv. In = 262.79
Inv. Out = 279.77
- 27 In Pl. Cl
Top = 253.69
Inv. In = 247.90 (From Str.28)
Inv. Out = 247.71 (To East)
- 28 to 27 In Pl. 110LF- 30" Conc. Pipe @ 0.56%
Inv. In = 247.90
Inv. Out = 248.52
- 28 In Pl. Stm. Grate
Top = 252.50
Inv. In = 248.56 (From Str.29)
Inv. Out = 248.52 (To Str.27)
- 29 to 28 In Pl. 46LF- 24" Conc. Pipe @ 0.59%
Inv. In = 248.56
Inv. Out = 248.83
- 29 In Pl. Stm. Grate
Top = 253.09
Inv. In = 248.90 (From Str.30)
Inv. Out = 248.83 (To Str.28)
- 30 to 29 In Pl. 30LF- 24" Conc. Pipe @ 6.63%
Inv. In = 248.90
Inv. Out = 250.89
- 30 In Pl. Stm. Str.
Top = 261.40
Inv. In = 254.96 (From Str.30A)
Inv. In = 255.26 (From Str.30B)
Inv. In = 256.91 (From Str.31)
Inv. In = 256.91 (From Str.32)
Inv. Out = 250.89 (To Str.29)
- 30A to 30 In Pl. 8LF- 15" Conc. Pipe @ 39.63%
Inv. In = 254.96
Inv. Out = 258.13
- 30A In Pl. Stm. Grate
Top = 260.01
Inv. Out = 258.13 (To Str.30)
- 30B to 30 In Pl. 11LF- 15" Conc. Pipe @ 20.00%
Inv. In = 255.26
Inv. Out = 257.46
- 30B In Pl. Stm. Grate
Top = 259.21
Inv. Out = 257.46 (To Str.30)
- 31 In Pl. ES
Inv. In = 257.73 (To Str.30)
- 31 to 30 In Pl. 58LF- 30" Conc. Pipe @ 1.41%
Inv. In = 256.91
Inv. Out = 257.73
- 32 In Pl. ES
Inv. In = 257.99 (To Str.30)
- 32 to 30 In Pl. 58LF- 30" Conc. Pipe @ 1.86%
Inv. In = 256.91
Inv. Out = 257.99
- 33 In Pl. Stm. Grate
Top = 245.18
Inv. In = 241.77 (From Str.34)
Inv. Out = 241.18 (To Southeast)
- 34 to 33 In Pl. 201LF- 15" Conc. Pipe @ 2.20%
Inv. In = 241.77
Inv. Out = 246.19
- 34 In Pl. ES
Inv. In = 246.19 (To Str.33)
- 35 In Pl. 40LF- 15" Metal Pipe @ 0.50%
Inv. In = 265.19
Inv. Out = 264.99
- 36 In Pl. 36LF- 12" Metal Pipe @ 1.36%
Inv. In = 269.15
Inv. Out = 268.66
- 37 In Pl. 64LF- 36" Conc. Pipe @ 1.97%
Inv. In = 253.83
Inv. Out = 252.57
- 38 In Pl. 28LF- 12" Metal Pipe @ 1.25%
Inv. In = 255.97
Inv. Out = 255.62
- 39 In Pl. 68LF- 48" Conc. Pipe @ 0.57%
Inv. In = 250.89
Inv. Out = 250.50
- 40 In Pl. 24LF- 15" Metal Pipe @ 2.75%
Inv. In = 249.88
Inv. Out = 249.22
- 41 In Pl. 21LF- 12" Metal Pipe @ 2.67%
Inv. In = 248.97
Inv. Out = 248.41
- 42 In Pl. 20LF- 12" Metal Pipe @ 4.50%
Inv. In = 253.86
Inv. Out = 252.96
- 43 In Pl. 36LF- 15" Metal Pipe @ 1.03%
Inv. In = 254.72
Inv. Out = 254.35
- 44 In Pl. 31LF- 12" Metal Pipe @ 0.84%
Inv. In = 255.10
Inv. Out = 254.84
- 45 In Pl. 36LF- Metal Pipe @ 1.72%
Inv. In = 255.88
Inv. Out = 255.26
- 46 In Pl. ES
Top = 254.41
Inv. Out = 254.41 (To Str.47)
- 46 to 47 In Pl. 48LF- 24" Conc. Pipe @ 1.56%
Inv. In = 254.41
Inv. Out = 253.66
- 47 In Pl. Conc. DI (No Top)
Top = 254.51
Inv. In = 253.66 (From Str.46)
Inv. Out = 253.44 (To Str.48)
- 47 to 48 In Pl. 218LF- 18" Conc. Pipe @ 2.91%
Inv. In = 253.44
Inv. Out = 247.10
- 48 In Pl. 218LF- 18" Conc. Pipe @ 2.91%
Inv. Out = 247.10 (From Str.47)
- 49 In Pl. 31LF- 18" Metal Pipe @ 0.71%
Inv. In = 255.04
Inv. Out = 254.82
- 50 In Pl. 53LF- 30" Conc. Pipe @ 0.87%

Route : Deviln Road/Rte. 621
Project : Deviln Road Widening
District : Northern Virginia
County : Prince William
From : North of University Blvd.
To : 0.3 Mi. South of Wellington Rd.
Horizontal Datum Based On VA State Plane North Zone NAD83
Vertical Datum Based On NAVD88
Survey By : RDA
Operator : RDA
Date : 1/21 - 5/21
Scale : 1" = 25'
UPC* : 118253

I HEREBY CERTIFY THAT THIS ROUTE SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF IS CORRECT AND COMPLIES WITH THE STANDARDS AND PROCEDURES AS ESTABLISHED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION LOCATION AND DESIGN DIVISION, SURVEY MANUAL 2014.

PROPERTY INFORMATION IS BASED ON DEEDS AND PLATS OF RECORD. PHYSICAL EVIDENCE FOUND WAS PLACED ON DRAWING.

THE INFORMATION SHOWN ON THIS DRAWING WAS COMPILED FROM EXISTING LAND RECORDS AND DOES NOT REPRESENT A BOUNDARY SURVEY.

BEARINGS AND DISTANCES IN PARENTHESES ARE FROM RECORDED PLATS OR DEED DATA.

THIS FILE WAS CREATED FROM THE SEED FILE USFOOTSEED.DGN

THIS ROUTE SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF RINKER DESIGN ASSOCIATES, P.C., FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE IMAGERY AND / OR ORIGINAL DATA WAS OBTAINED DURING FEBRUARY, 2021 AND THAT THIS PLAT, MAP, OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

VDOT PROJECT NO. 0621-076-610	SHEET NO. 1F(2)
PNWCDOT PROJECT NO. SPR2021-00067	

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PH PLANS

NOVA DISTRICT

12/8/2021

PROJECT MANAGER_PWCDDOT-Aowar_Mohamed.P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoullis_L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn_P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accumark (703) 378-0100; March, 2021

Survey Utility Descriptions

Table with columns: REVISED, STATE, ROUTE, STATE, VDOT PROJECT NO., SHEET NO. Values: VA, 621, 0621-076-610, 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

- List of utility structures including manholes, PVC pipes, and poles with details like rim height, structure type, and location (e.g., 'In Pl. Manhole Rim = 247.87').

General Notes:

Date Of Preliminary Submittal: 03/15/2021, Rev. 06/29/2021, Rev. 08/24/2021
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

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

Telecomm: Verizon William (Bill) Lacy Verizon Project Designer / Highway Relocations 9401 Peabody Street Manassas, VA 20110

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

Utility Notes:

- U1 Access To Lot Denied By Homeowner.
U2 At Time Of Survey Crew Found Rear Lot Contained A Dog - No Entry Attempted.
U3 At Time Of Designation Crew Found Locked Fence. Two Attempts Were Made, Homeowner Not Home Either Attempt.

UTILITY LEGEND

Legend table listing symbols for various utilities: Electric Box, Telephone Booth, Gas Manhole, etc.

Legend table listing line styles for various utilities: CAFO, CHEM, FUEL, Gas Line, etc.

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.

PH PLANS

NOVA DISTRICT

12/8/2021

Table with columns: VDOT PROJECT NO., SHEET NO. Values: 0621-076-610, IF(3)

PROJECT MANAGER PWCDOT:Awaw_Mohamreh,P.E.(571)316-9624
SURVEYED BY, DATE RDA: Nicholas Kouyoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

Survey Property Owner Info

REVISED	STATE	STATE		SHEET NO.
		ROUTE	VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 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

062 501
NEIGHBORHOODS V, LLC
PARCEL ID: 7496-84-1827
Instr. *201804030022954
3,7299 Ac. (Record)

001 502
BOARD OF COUNTY SUPERVISORS OF PRINCE WILLIAM COUNTY, VIRGINIA
PARCEL ID: 7496-74-8646
Instr. *20106150071763
2,1374 Ac. (Record)

007 503
THE BENJAMIN & HEATHER BISCOE LIVING TRUST
PARCEL ID: 7496-74-8982
Instr. *201601290005772
19,964 Sq. Ft. (Record)

008 504
DAVID LEROY WILLIAMS & DELANA JEANNE BENTLEY
PARCEL ID: 7496-74-9290
Instr. *201809170068372
12,762 Sq. Ft. (Record)

009 505
THADDEUS ANDERSON & KIMBERLY L. KING-ANDERSON
PARCEL ID: 7496-74-9299
Instr. *200709260109012
11,885 Sq. Ft. (Record)

010 506
BERT-JAN CUMMINGS & STEPHANIE F. CUMMINGS
PARCEL ID: 7496-74-9506
Instr. *200611200163672
11,380 Sq. Ft. (Record)

011 507
ALLEN S. GIBSON, JR. & LATOSHA N. GIBSON
PARCEL ID: 7496-75-9712
Instr. *200610180149236
11,650 Sq. Ft. (Record)

012 508
MANOSIJ ROY & SUDIPA CHAKRABARTI
PARCEL ID: 7496-85-0019
Instr. *20081190109912
11,917 Sq. Ft. (Record)

013 509
JOHN B. TOLL & CASI L. TOLL
PARCEL ID: 7496-85-0922
Instr. *200908120079647
12,185 Sq. Ft. (Record)

014 510
RAMCHANDAR RATTAN & SANDRA C. RATTAN
PARCEL ID: 7496-85-1029
Instr. *200607200107746
12,352 Sq. Ft. (Record)

022 511
ANSARUL AAMIR & NAHEED KAUSAR
PARCEL ID: 7496-85-0938
Instr. *202104230049274
0,2939 Ac. (Tax)

023 512
CESAR JESUS CANTOS CEVALLOS & MARIA FERNANDA CANTOS
PARCEL ID: 7496-85-1145
Instr. *201609070071770
12,194 Sq. Ft. (Record)

024 513
BERNARD F. TANWARONG & CHARLOTTE N. DOGO
PARCEL ID: 7496-85-1452
Instr. *201905290036020
12,073 Sq. Ft. (Record)

025 514
VICTOR R. PEREZ & NORA L. PEREZ
PARCEL ID: 7496-85-1760
Instr. *200605300081586
17,199 Sq. Ft. (Record)

026 515
BIENVENIDO F. NOBLEZADA, II & VERNA E.P. NOBLEZADA
PARCEL ID: 7496-85-2377
Instr. *200602070021630
15,072 Sq. Ft. (Record)

027 516
JERRY G. LUSTAN & IRIS M. LUSTAN
PARCEL ID: 7496-85-2685
Instr. *200605010066892
10,795 Sq. Ft. (Record)

028 517
JOHN HUDSPETH & MARY ANN HUDSPETH
PARCEL ID: 7496-85-2891
Instr. *202105120057497
10,524 Sq. Ft. (Record)

029 518
MEGAN PLANT
PARCEL ID: 7496-85-3098
Instr. *201808210061415
10,421 Sq. Ft. (Record)

036 519
SHU AI JIANG
PARCEL ID: 7496-86-3304
Instr. *201105120039713
Instr. *200601030001139
0,2404 Ac. (Tax)

037 520
AIZAZ KHAN
PARCEL ID: 7496-86-3511
Instr. *200512220219358
10,230 Sq. Ft. (Record)

038 521
KENNES HENDRICKSON & KAREN MAY HENDRICKSON
PARCEL ID: 7496-86-4116
Instr. *202001140003599
10,596 Sq. Ft. (Record)

039 522
RUDDY A. PANIAGUA & ITA PANIAGUA
PARCEL ID: 7496-86-4422
Instr. *202005290041836
10,283 Sq. Ft. (Record)

040 523
NESAR A ZIA & SHAFIQA K. ZIA
PARCEL ID: 7496-86-4431
Instr. *200604210062454
10,313 Sq. Ft. (Record)

041 524
HEVERT FUENTES
PARCEL ID: 7496-86-4637
Instr. *200702010015112
10,398 Sq. Ft. (Record)

042 525
CHUNIL S. PATEL & DAKSHA PATEL
PARCEL ID: 7496-86-4944
Instr. *201309190095377
12,323 Sq. Ft. (Record)

043 526
IMTIAZ CHOHAN & NABIGHA CHOHAN
PARCEL ID: 7496-86-5450
Instr. *201309190095377
12,323 Sq. Ft. (Record)

044 527
LANIER FARMS HOMEOWNERS ASSOCIATION
PARCEL ID: *****
Instr. *
12,463 Sq. Ft. (Record)

050 528
VICKIE MAY GORGONE
PARCEL ID: 7496-86-5881
D.B. 2880 PG. 339
2,1857 AC. (Record)

051 529
VICKIE MAY GORGONE
PARCEL ID: 7496-87-6903
D.B. 2880 PG. 335
2,7117 AC. (Record)

052 530
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
Instr. *200410290184677
1,5232 AC. (Record)

532
ANTHONY LINEHAM & HELEN LINEHAM
PARCEL ID: 7496-87-8960
Instr. *201706220047659
1,4476 AC. (Record)

533
RICARDO ESPARZA LOPEZ
PARCEL ID: 7496-87-9573
Instr. *201909230069191
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. *200708240097255
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)

057 539
8033 DEVLIN LLC
PARCEL ID: 7696-97-4024
Instr. *201209170088978
54,550 Sq. Ft. (Record)

056 540
VIRGINIA B. BUTLER
PARCEL ID: 7696-97-3212
D.B. 398 PG. 340
Instr. *200609200136086
1,2491 AC. (Tax)

054 541
JEFFREY S. LEWIS
PARCEL ID: 7496-96-2596
Instr. *200210080130979
2.0 AC. (Record)

053 542
JEFFREY S. LEWIS
PARCEL ID: 7496-96-1774
Instr. *200209200121211
5.0 AC. (Record)

049 543
LANIER FARMS HOMEOWNERS ASSOCIATION
PARCEL ID: *****
Instr. *
144,610 Sq. Ft. (Record)

048 544
THOMAS P. MAINS IV & JACQUELINE M. MAINS
PARCEL ID: 7496-86-8147
Instr. *201905010028759
19,897 Sq. Ft. (Record)

047 545
SOPHIA JEAN-PIERRE
PARCEL ID: 7496-86-7034
Instr. *201703210021319
17,967 Sq. Ft. (Record)

046 546
MOUNIR MOUTAOIAKIL & LAMIAA ROUGUI
PARCEL ID: 7496-86-6315
Instr. *201104260034442
22,239 Sq. Ft. (Record)

045 547
JING XU
PARCEL ID: 7496-85-5695
Instr. *202103260036999
14,534 Sq. Ft. (Record)

035 548
HASSAN KOBROSLI
PARCEL ID: 7496-85-5384
Instr. *201702080010834
15,330 Sq. Ft. (Record)

034 549
CHRISTOPHER P. LAWRENCE & ROBIN M. LAWRENCE
PARCEL ID: 7496-85-5577
Instr. *20111010090175
14,237 Sq. Ft. (Record)

033 550
DANIEL MCLEAN & TRACEY MCLEAN
PARCEL ID: 7496-85-4768
Instr. *200606230094878
10,000 Sq. Ft. (Record)

059 551
LANIER FARMS HOMEOWNERS ASSOCIATION
PARCEL ID: 7496-85-4270
Instr. *200301280021029
1,502 Sq. Ft. (Record)

058 552
LANIER FARMS HOMEOWNERS ASSOCIATION
PARCEL ID: 7496-85-3653
Instr. *200301280021029
2,425 Sq. Ft. (Record)

032 553
KHALID H. KURDO & ROPAK A. KURDO
PARCEL ID: 7496-85-4351
Instr. *200811040105306
13,220 Sq. Ft. (Record)

031 554
FREDDIE FLOWERS & MARCIA LYNETTE FLOWERS
PARCEL ID: 7496-85-3941
Instr. *202102020012518
Instr. *200305270092338
12,938 Sq. Ft. (Record)

030 555
NADIR IQBAL AZHAR
PARCEL ID: 7496-85-3531
Instr. *202102220021496
17,623 Sq. Ft. (Record)

021 556
ELICORY & JENNIFER KALE
PARCEL ID: 7496-85-3421
Instr. *200410150175929
15,098 Sq. Ft. (Record)

020 557
HC LAND COMPANY, L.C.
PARCEL ID: 7496-85-3421
Instr. *200603300051071
0,34309 AC. (Record)

019 558
RASHED UDDIN CHOUDHURY & SUHANA CHOWDHURY
PARCEL ID: 7496-85-2705
Instr. *201907030046712
0,24183 AC. (Record)

018 559
DAVID GEIGER & ELIZABETH GEIGER
PARCEL ID: 7496-85-2302
Instr. *201910180076842
13,121 Sq. Ft. (Record)

017 560
WILLIAM SIDENER & KARA SIDENER
PARCEL ID: 7496-84-1895
Instr. *200410140175120
13,856 Sq. Ft. (Record)

016 561
LAURA M. ALARCON ORTIZ
PARCEL ID: 7496-84-1688
Instr. *200207010052719
13,143 Sq. Ft. (Record)

015 562
TEUN-MING HO & MEI-JU CHEN
PARCEL ID: 7496-84-1480
Instr. *200503310050041
12,409 Sq. Ft. (Record)

006 563
WILLIAM M. KULIK & CATHERINE MUSSETT
PARCEL ID: 7496-84-1372
Instr. *200505230082518
11,668 Sq. Ft. (Record)

005 564
ALI AFZAL BAIG & FAIZA JAMIL
PARCEL ID: 7496-84-1462
Instr. *201905030029509
13,887 Sq. Ft. (Record)

004 565
STEPHEN J. SILER & DEBORAH L. SILER
PARCEL ID: 7496-84-1554
Instr. *201107280062261
11,435 Sq. Ft. (Record)

003 566
BRIDGETT V. WHITEHEAD & JAMAL WHITEHEAD
PARCEL ID: 7496-84-1747
Instr. *201410240077237
10,782 Sq. Ft. (Record)

022 567
BARTON HARRIS & JENNIFER HARRIS
PARCEL ID: 7496-84-2240
Instr. *201105200042314
14,484 Sq. Ft. (Record)

568
VIRGINIA EAGLE PROPERTIES, LLC
PARCEL ID: 7496-87-6793
Instr. *201912160092838
14,8444 AC. (Record)

569
BOARD OF COUNTY SUPERVISORS OF PRINCE WILLIAM COUNTY, VIRGINIA
PARCEL ID: 7496-84-0137
Instr. *202106150071763
0,056 AC. (Record)

060 570
3118 PATRICK HENRY, LLC & 4011 WOODLAND, LLC
PARCEL ID: 7496-97-8123
Instr. *200601090004653
5,490 AC. (Record)

061 571
THE RESERVE AT JENNEL ESTATES HOMEOWNERS ASSOCIATION
PARCEL ID: 7496-96-6070
Instr. *201506080045291
5,0085 AC. (Record)

NOVA DISTRICT

12/8/2021

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

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PH PLANS

VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. IF(4)
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PROJECT MANAGER PWCDOT-Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoullis, LS (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

Construction Alignment Data

REVISED	STATE	STATE		SHEET NO.
		ROUTE	VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 RW201	16

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 RTE6211 CUR RTE6212 CUR RTE6213 CUR RTE6214 CUR RTE6215
CUR RTE6216 CUR RTE6217

Beginning chain RTE621 description

Curve Data			
Curve RTE6211	60+30.00 N	6,964,482.03 E	11,748,767.69
P.I. Station			
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 RTE6211 to PC RTE6212 N 13° 19' 43.41" W Dist 210.03

Curve Data			
Curve RTE6212	67+01.82 N	6,965,147.50 E	11,748,610.02
P.I. Station			
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 RTE6212 to PC RTE6213 N 23° 36' 55.17" E Dist 289.40

Curve Data			
Curve RTE6213	72+89.84 N	6,965,701.87 E	11,748,852.40
P.I. Station			
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 2° 26' 01.34" E		

Course from PT RTE6213 to PC RTE6214 N 19° 15' 07.52" E Dist 800.00

Curve Data			
Curve RTE6214	82+93.58 N	6,966,649.54 E	11,749,83.38
P.I. Station			
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 RTE6214 to PC RTE6215 N 27° 36' 20.83" E Dist 116.07

Curve Data			
Curve RTE6215	87+15.06 N	6,967,023.45 E	11,749,378.90
P.I. Station			
Delta	3° 21' 29.83" (LT)		
Degree	0° 57' 58.33"		
Tangent	173.84		
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 RTE6215 to PC RTE6216 N 24° 14' 51.00" E Dist 552.56

Curve Data			
Curve RTE6216	96+10.69 N	6,967,840.16 E	11,749,746.76
P.I. Station			
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		

Course from PT RTE6216 to PC RTE6217 N 21° 00' 51.27" E Dist 208.06

Curve Data			
Curve RTE6217	100+70.76 N	6,968,269.72 E	11,749,911.77
P.I. Station			
Delta	3° 46' 05.43" (RT)		
Degree	2° 16' 38.12"		
Tangent	82.76		
Length	165.47		
Radius	2,516.00		
External	1.36		
Long Chord	165.44		
Mid.Ord.	1.36		
P.C. Station	99+87.99 N	6,968,192.46 E	11,749,882.09
P.T. Station	101+53.46 N	6,968,344.86 E	11,749,946.47
C.C.	N	6,967,290.22 E	11,752,230.76
Back	N 21° 00' 51.27" E		
Ahead	N 24° 46' 56.71" E		
Chord Bear	N 22° 53' 53.99" E		

Ending chain RTE621 description

Private Entr.7040RT

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

Chain ENTR7040 contains:
ENTR704001 CUR ENTR70401 CUR ENTR70402 ENTR704002

Beginning chain ENTR7040 description

Point ENTR704001 N 6,965,473.52 E 11,748,752.56 Sta 10+00.00
Course from ENTR704001 to PC ENTR70401 S 66° 23' 04.83" E Dist 49.84

Curve Data			
Curve ENTR70401	10+64.67 N	6,965,447.61 E	11,748,811.81
P.I. Station			
Delta	33° 02' 26.50" (LT)		
Degree	11° 43' 29.61"		
Tangent	148.3		
Length	288.33		
Radius	50.00		
External	2.15		
Long Chord	28.44		
Mid.Ord.	2.06		
P.C. Station	10+49.84 N	6,965,453.55 E	11,748,798.23
P.T. Station	10+78.67 N	6,965,450.04 E	11,748,826.44
C.C.	N	6,965,499.37 E	11,748,818.25
Back	S 66° 23' 04.83" E		
Ahead	N 80° 34' 28.67" E		
Chord Bear	S 82° 54' 18.08" E		

Course from PT ENTR70401 to PC ENTR70402 N 80° 34' 28.67" E Dist 30.27

Curve Data			
Curve ENTR70402	11+22.97 N	6,965,457.29 E	11,748,870.14
P.I. Station			
Delta	31° 20' 49.88" (LT)		
Degree	11° 43' 29.61"		
Tangent	140.3		
Length	27.36		
Radius	50.00		
External	1.93		
Long Chord	27.02		
Mid.Ord.	1.86		
P.C. Station	11+08.94 N	6,965,455.00 E	11,748,856.30
P.T. Station	11+36.29 N	6,965,466.46 E	11,748,880.76
C.C.	N	6,965,504.32 E	11,748,848.11
Back	N 80° 34' 28.67" E		
Ahead	N 49° 13' 38.79" E		
Chord Bear	N 64° 54' 03.73" E		

Course from PT ENTR70402 to ENTR704002 N 49° 13' 38.77" E Dist 1.36

Point ENTR704002 N 6,965,467.34 E 11,748,881.79 Sta 11+37.65
Ending chain ENTR7040 description

Pike Branch Drive (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 Drive

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:
ENTR8793101 ENTR8793102

Beginning chain ENTR8793 description

Point ENTR8793101 N 6,967,095.71 E 11,749,410.61 Sta 10+00.00
Course from ENTR8793101 to ENTR8793102 S 67° 58' 34.94" E Dist 223.11
Point ENTR8793102 N 6,967,012.05 E 11,749,617.44 Sta 12+23.11

Ending chain ENTR8793 description

NOVA DISTRICT

12/8/2021

VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 16
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PH PLANS

PROJECT MANAGER PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
 SURVEYED BY, DATE RDA: Nicholas_Kougoultis, L.S. (703) 334-9302; March, 2021
 DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

Construction Alignment Data

REVISED	STATE	STATE		SHEET NO.
	ROUTE	VDOT PROJECT NO.		
	VA.	621	0621-076-610 PE101 CS01 RW201	1G(1)

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Private Entr. 8925LT

No Posted Speed
 From Sta. 10+00.00 to Sta. 12+42.10

Chain ENTR8925 contains:
 ENT8925101 CUR ENT89251 CUR ENT89252 ENT8925102

Beginning chain ENTR8925 description

Point ENT8925101 N 6,967,214.96 E 11,749,465.16 Sta 10+00.00

Course from ENT8925101 to PC ENTR89251 N 65° 45' 09.00" W Dist 52.00

Curve Data

Curve ENTR89251
 P.I. Station 10+78.06 N 6,967,247.02 E 11,749,393.99
 Delta - 66° 10' 17.45" (LT)
 Degree - 143° 14' 22.02"
 Tangent - 26.06
 Length - 46.20
 Radius - 40.00
 External - 7.74
 Long Chord - 43.67
 Mid. Ord. - 6.49
 P.C. Station 10+52.00 N 6,967,236.32 E 11,749,417.75
 P.T. Station 10+98.20 N 6,967,229.61 E 11,749,374.60
 C.C. N 6,967,199.85 E 11,749,401.32
 Back - N 65° 45' 09.00" W
 Ahead - S 48° 04' 33.55" W
 Chord Bear - S 81° 09' 42.28" W

Course from PT ENTR89251 to PC ENTR89252 S 48° 04' 33.55" W Dist 53.42

Curve Data

Curve ENTR89252
 P.I. Station 11+75.10 N 6,967,178.22 E 11,749,317.37
 Delta - 60° 50' 32.71" (RT)
 Degree - 143° 14' 22.02"
 Tangent - 23.49
 Length - 42.48
 Radius - 40.00
 External - 6.39
 Long Chord - 40.51
 Mid. Ord. - 5.51
 P.C. Station 11+51.62 N 6,967,193.92 E 11,749,334.85
 P.T. Station 11+94.09 N 6,967,185.84 E 11,749,295.16
 C.C. N 6,967,223.68 E 11,749,308.12
 Back - S 48° 04' 33.55" W
 Ahead - N 71° 04' 53.74" W
 Chord Bear - S 78° 29' 49.91" W

Course from PT ENTR89252 to ENT8925102 N 71° 04' 53.74" W Dist 48.01

Point ENT8925102 N 6,967,201.41 E 11,749,249.74 Sta 12+42.10

Ending chain ENTR8925 description

SWM Entr. 9023RT

No Posted Speed
 From Sta. 10+00.00 to Sta. 11+57.56

Chain ENTR9023 contains:
 ENTR9023101 ENTR9023102

Beginning chain ENTR9023 description

Point ENTR9023101 N 6,967,304.84 E 11,749,505.64 Sta 10+00.00

Course from ENTR9023101 to ENTR9023102 S 65° 45' 09.49" E Dist 157.56

Point ENTR9023102 N 6,967,240.13 E 11,749,649.31 Sta 11+57.56

Ending chain ENTR9023 description

Jennell Dr. (Rte. 1705)

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

Chain RTE1705 contains:
 RTE1705101 CUR RTE17051 RTE1705102

Beginning chain RTE1705 description

Point RTE1705101 N 6,967,698.43 E 11,749,682.90 Sta 10+00.00

Course from RTE1705101 to PC RTE17051 S 64° 53' 26.93" E Dist 414.97

Curve Data

Curve RTE17051
 P.I. Station 15+19.65 N 6,967,477.92 E 11,750,153.45
 Delta - 0° 35' 59.29" (LT)
 Degree - 0° 17' 11.32"
 Tangent - 104.69
 Length - 209.37
 Radius - 20,000.00
 External - 0.27
 Long Chord - 209.37
 Mid. Ord. - 0.27
 P.C. Station 14+14.97 N 6,967,522.34 E 11,750,058.65
 P.T. Station 16+24.34 N 6,967,434.49 E 11,750,248.70
 C.C. N 6,965,632.36 E 11,758,545.55
 Back - S 64° 53' 26.93" E
 Ahead - S 65° 29' 26.22" E
 Chord Bear - S 65° 11' 26.58" E

Course from PT RTE17051 to RTE1705102 S 65° 29' 26.22" E Dist 230.67

Point RTE1705102 N 6,967,338.80 E 11,750,458.58 Sta 18+55.00

Ending chain RTE1705 description

Private Entr. 1105RT

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

Chain ENTR1105 contains:
 ENTR11051 ENTR11052

Beginning chain ENTR1105 description
 Feature: - 25 Scale Baselines
 Description: Entr Sta 11+05 Rt

Point ENTR11051 N 6,967,653.87 E 11,749,778.00 Sta 10+00.00

Course from ENTR11051 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 ENTR1105 description

NOVA DISTRICT

12/8/2021

VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1G(1)
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PH PLANS

PROJECT MANAGER _PWCDOT_:Awar_Mohamreh,P.E.(571)316-9624-----
SURVEYED BY, DATE _RDA_: Nicholas_Kougoulis,_LS_(703)334-9302;March,2021
DESIGN BY _RDA_: Mack_A.Gunn,_P.E._(703)334-9288-----
SUBSURFACE UTILITY BY, DATE _Accumark_(703)378-0100;March,2021-----

Temporary Traffic Control General Notes

REVISED	STATE	STATE		SHEET NO.
		ROUTE	VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 RW201	11

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

Temporary Traffic Control Plan

General Notes:

1 Transportation Management Plan/Sequence of Construction Type B Project Information:

- a Identify the project's TMP Type:
This project's TMP/SOC has been designed in conformance with a Type B, Category III TMP/SOC.
- b Identify the work zone location, length, and widths:
The project location is as shown on Sheet IA. The work zone areas have been delineated as shown on the TMP/SOC Sheet IK through IM series. The work zone lengths and widths vary by location as shown in these plans.
- c Note the hours the Construction Area will be active:
Construction Area shall be considered active when any impact to traffic occurs (1st Cone In Road). Construction Area hours have the following limitations, unless otherwise approved or directed by the engineer and Prince William County:

One-lane closures will be restricted to the hours of 9:30 am to 3:00 pm, Monday through Thursday, 9:30 am to 2:00 pm, Friday, and night time closures are allowed from 10:00 pm to 5:00 am.

No lane closures will be allowed from noon on the day before a holiday until noon on the workday following the holiday. Holidays include all State and Federal holidays.

Designation of Night Time Hours:
Night time hours shall be designated as hours between 10:00 pm through 5:00 am.
Night time work requires approval by the Prince William County Project Manager.

Designation of Peak Hours:
Peak hours are 6:00 am through 9:30 am & 3:00 pm through 7:00 pm.

- d The TMP/SOC, during construction, shall be in accordance with the Virginia Department of Transportation Road and Bridge Specifications, dated 2020; the 2011 Virginia Work Area Protection Manual, Revision 2; the Manual on Uniform Traffic Control Devices (MUTCD), Revision 1 & 2, 2009 Edition; and the Virginia Supplement to the MUTCD, dated 2011.
- e Note any existing entrances, existing intersections, or existing pedestrian access points that will be affected by the Construction Area or by the traffic control devices:

Existing Entrances:

All existing commercial or private entrances shall remain open for the duration of construction. The Contractor shall ensure that all entrance accessibility is maintained during construction.

Existing Intersections:

There are two intersections within the project limits:
An unsignalized intersection of Deviln Road and Fog Light Way/Pike Branch Way at approximate station 76+00. This intersection shall remain operational for the duration of the project.
An unsignalized intersection of Deviln Road and Jennell Drive at approximate station 94+50. This intersection shall remain operational for the duration of the project.

Existing Pedestrian Access Points:

There are existing crosswalk at the intersection of Fog Light Way/Pike Branch Way. These crosswalks are to be maintained throughout construction. The contractor shall ensure safe access to pedestrians.

Existing Bus Stops:

There is an existing bus stop along the northbound side of Deviln Road at approximately station 74+00. All bus stops are to be maintained for the duration of the project

- f Identify the major types of travelers:
The roadway carries diverse types of travelers. Chris Yung Elementary School is located near the intersection of Deviln Road and Fog Light Way. In the peak hours however, daily commuters are the prevailing traveler type for this roadway.
- g The Contractor, at no additional cost to the project and which shall be considered incidental to the cost of the project, shall:

Designate a person assigned to the project who will have the primary responsibility, with sufficient authority, for implementing the TMP/SOC and other safety and mobility aspects of the permit work. This person shall be designated the "Project Safety Officer."

Ensure that personnel assigned to the project are trained in traffic control to a level commensurate with their responsibilities in accordance with VDOT's work zone traffic control training guidelines.

Inform the VDOT, Prince William County, Lane Closure Advisory Management System (LCAMS), and/or the Engineer of any work requiring lane shifts, lane closures, and/or phase changes a minimum of one week prior to implementing this activity. Prince William County may use various media publications to announce changes in traffic conditions for which the Contractor shall provide information as needed at no additional cost to the project.

Perform reviews of the Construction Area to ensure compliance with contract documents at regularly scheduled intervals at the direction of the Engineer. Contractor shall maintain a copy of the temporary traffic control plan at the work site at all times.

The Contractor shall coordinate with the Prince William County Police Department, Prince William County Fire/Rescue Department, and Virginia State Police for any lane closures and any detours of any nature at no additional cost to the project.

Notify the Regional Transportation Operations Center (TOC) 1 week in advance in order to place lane closure information on the 511 system and VA-Traffic.

Schedule all phases of construction in such a manner that water, sanitary sewer, cable, fiber cable/optic cable, any overhanging utilities, and any underground utilities services will not be interrupted.

h During non-working hours, all construction equipment is to stay outside of the construction area clear zone as designated in the VWAPM, Appendix A. Construction equipment (including temporary concrete traffic barrier service) is not to block or obstruct sight distance at any intersection or private entrance along the project when the construction work zone is active.

2 It is understood that the work is to be done utilizing the TTC plaques from the Virginia Work Area Protection Manual (2019 Rev 2). However, if there is any significant deviation from the TTC Plaques then a revision shall be submitted for review. Work will only be allowed to proceed under existing TTC Plaques until the review is complete.

3 This TMP/SOC plan is intended as a guide. It is not to enumerate every detail which must be considered in the construction of each phase, but only to show the general handling of existing traffic. The distance requirements for the advance warning signs, the contractor may modify the TTC examples in the Virginia Work Area Protection Manual only slightly. Any significant deviation will require a signed and sealed plan to be submitted for approval PRIOR to work at the proposed location. It shall be the responsibility of the Contractor to present a formal TMP/SOC plans with construction signage.

4 Contractor is to maintain two lanes of traffic (one in each direction) on Deviln Road during construction of this project with a minimum clear roadway width in accordance with VDOT standard GS-10, Type E, unless otherwise approved by the Engineer. For street intersections, commercial connections, or private entrances, a minimum width no less than existing width shall be maintained at all times unless otherwise approved by the Engineer. When construction zone is not active, the Contractor shall ensure all street connections/entrances maintain a minimum of two lanes of traffic (one in each direction).

5 Contractor shall follow the geotechnical recommendations for the project. Materials designated as unsuitable material as detailed in the geotechnical recommendations shall be disposed of offsite and are not to be used for any part of construction.

6 Existing surface, aggregate base, and sub base material which will be demolished or obliterated during construction, and which are suitable for maintenance of traffic, should be utilized prior to the use of commercial material.

7 Each phase of construction shall be completed to the installation of intermediate course asphalt prior to the start of the next phase unless otherwise directed by the Engineer.

8 Contractor shall ensure positive drainage for the duration of the project. Contractor shall add any additional temporary measures necessary to facilitate proper, positive drainage for the duration of construction.

9 Where Group 2 Channelizing Devices are used to separate the Construction Area and traffic, a minimum clear zone area as defined in the VWAPM, Appendix A is to be maintained.

10 The Contractor is to coordinate with Prince William County for location(s) of the construction staging area(s). Contractor shall obtain all necessary permits and easements for the construction staging area and/or office to be located onsite within the project limits. The Contractor is responsible for these costs (permits, easements), and they shall be incidental to the project and not paid for as a separate item.

11 All areas excavated below the existing pavement surface and within the clear zone at the conclusion of each workday, shall be backfilled to form an approximate 6:1 wedge against the existing pavement or newly constructed pavement surface for the safety and protection of vehicular traffic. All costs for placing, maintaining, and removing 6:1 wedge shall be included in the price bid for other items in the contract and no additional compensation shall be allowed.

12 The mill and overlay areas (i.e. construction in Phase I) to be done in accordance with VWAPM, Rev. I and std ACOT-1, where appropriate, to ensure smooth transition.

13 IMPLEMENTING THE TRANSPORTATION MANAGEMENT PLAN
During the first day of the new work zone traffic pattern, the project's Manager and project's Maintenance of Traffic Coordinator shall inspect the work zone to ensure compliance with the TMP. On the third to fifth day of implementation of the TMP's new work zone traffic pattern, the District Work Zone Safety Coordinator and the project's Maintenance of Traffic Coordinator shall conduct an on-site review of the work zone's performance and recommend to the Contractor any required changes to the TMP to enhance the work zone's safety and mobility. All such changes shall be documented. An on-site review of the project's work zone traffic control by the District Work Zone Safety Coordinator, project's Manager/Maintenance of Traffic Coordinator, District Safety Engineer, and the Contractor shall be conducted within 48 hours of any fatal incident/crash within the work zone.

14 EVALUATION OF THE TRANSPORTATION MANAGEMENT PLAN
A performance assessment of the TMP including area-wide impacts on adjacent roadways shall be performed by the Regional Traffic Engineering and Operations sections during construction. As circumstances dictate, a review of the overall effectiveness of the project's TMP shall be completed during the Post-Construction Meeting and included with the Post-Construction Report. A copy of the specific information on the effectiveness of the TMP will be forwarded to the State Traffic Engineer for review. A copy of the TMP Interim/Post-Construction Report Form can be obtained from the Regional Traffic Engineer.

15 PUBLIC COMMUNICATIONS PLAN
The Contractor shall be responsible for:

- a Notifying the Project Manager/Residency Administrator two weeks in advance of any scheduled work plans and traffic delays.
- b Notifying the Project Manager/Residency Administrator, Regional Operations Manager, and the Public Affairs Staff of any unscheduled traffic delays.

15 TRANSPORTATION OPERATIONS


The Contractor shall be responsible for implementing and providing the following:

- a Maintaining project lane closure information on LCAMS and VA-Traffic throughout the duration of the project. It is suggested that an individual should be designated as the point of contact and receive training on how to enter the necessary information into LCAMS. The contractor shall contact the VDOT TOC 15-45 minutes prior to executing all lane and/or shoulder closures and contact TOC after the work has been completed and lane and/or shoulder closures have been removed.
- b Notify the Lane Closure Advisory Management System (LCAMS) one week in advance in order to place lane closure information on the 511 system and VA-Traffic.
- c Post a list of local emergency response agencies inside the project's construction office/trailer.
- d Immediately report any traffic incidents that may occur in the work zone.
- e Notify the project's Maintenance of Traffic Coordinator, Project Manager, Resident Administrator, District Work Zone Safety Coordinator, District Traffic Engineer, the Regional Operations Manager, and Public Affairs Manager of any incidents and expected traffic delays.
- f Within 24 hours of any incidents within the construction work zone, a review of the traffic controls shall be completed and necessary adjustments made to reduce the frequency and severity of any future incidents.
- g Notify the Regional Transportation Operations Center (TOC), who TOC requires one-week advanced notice to place lane closure information in the 511 system (LCAMS). This is usually the Wednesday prior to the requested operation.

CONTACT NUMBERS

Project Manager	Arwar Mahamreh	(571) 316-9624
Construction Manager	Mo Ayyoubi	(703) 792-7193
Construction Safety Manager	TBD	
Public Relations	TBD	
VDOT Residency Administrator - Construction	TBD	
District Work Zone Safety Coordinator(s)	TBD	
	TBD	
Emergency Call		911
Non-Emergency Numbers:		
Prince William County Police		(703) 792-6500
Prince William County Fire & Rescue		(703) 792-6800

TMP/SOC Designer:
Adam D Welschenbach, P.E.
Advance Work Zone Traffic Control Training, VDOT Certificate No. 010720206, Expires 1-31-2024



Commonwealth of Virginia
Virginia Department of Transportation

VERIFICATION OF COMPLETION OF
ADVANCED WORK ZONE TRAFFIC CONTROL TRAINING
AND FLAGGER CERTIFICATION

This is to verify that Adam Welschenbach has successfully completed training and an examination by the Department on the proper practices and methods for the installation, maintenance, removal of temporary traffic control devices and flagging operations.

Date: 1/7/2020
R J Shury
State Traffic Engineer

Verification No. : 010720206
Expiration Date: 1/31/2024

NOVA DISTRICT

12/8/2021

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PH PLANS

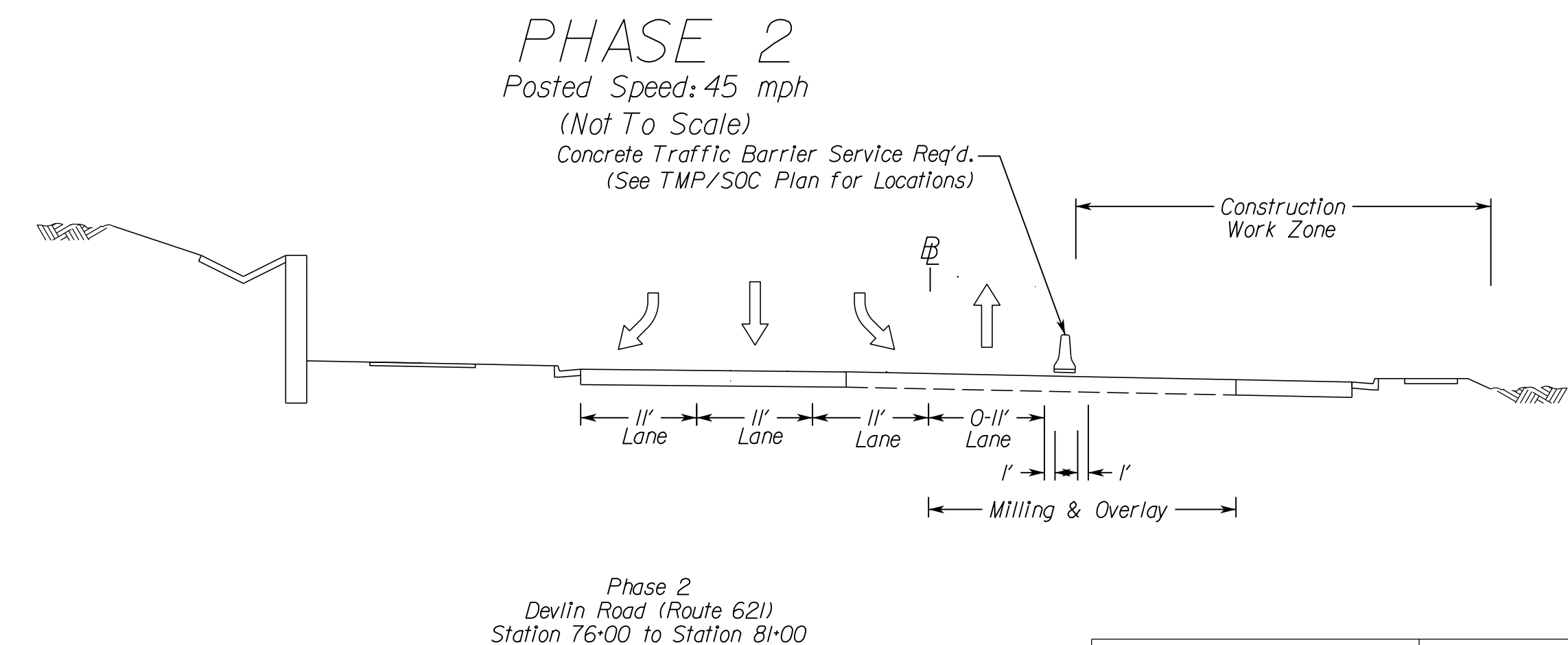
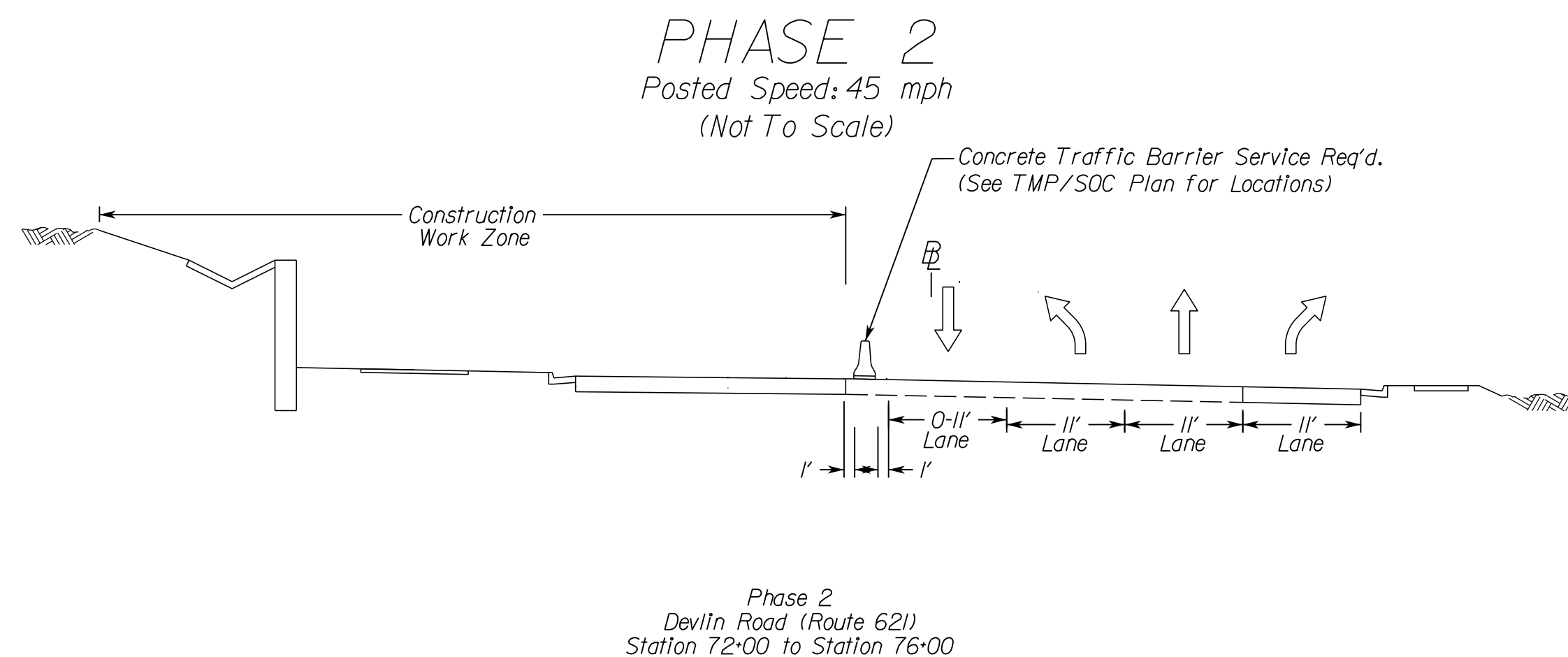
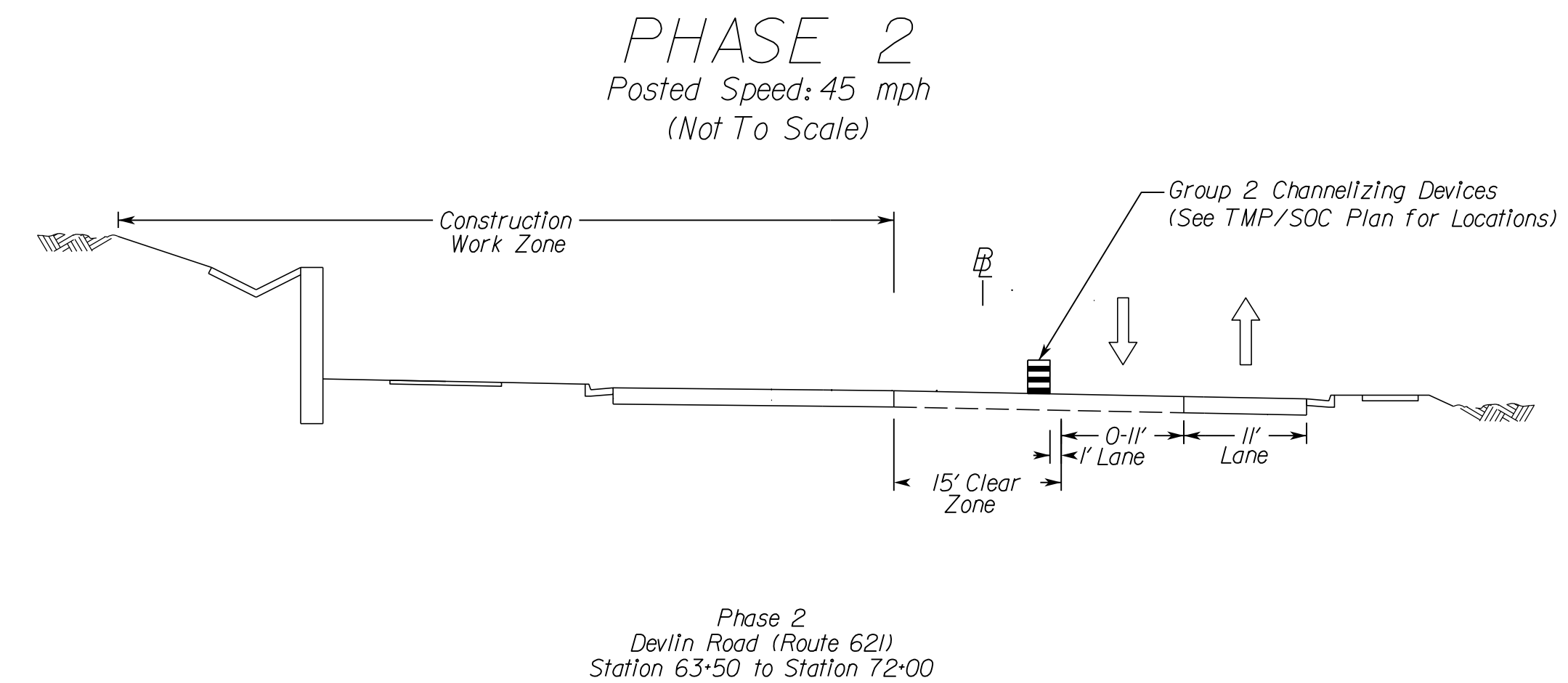
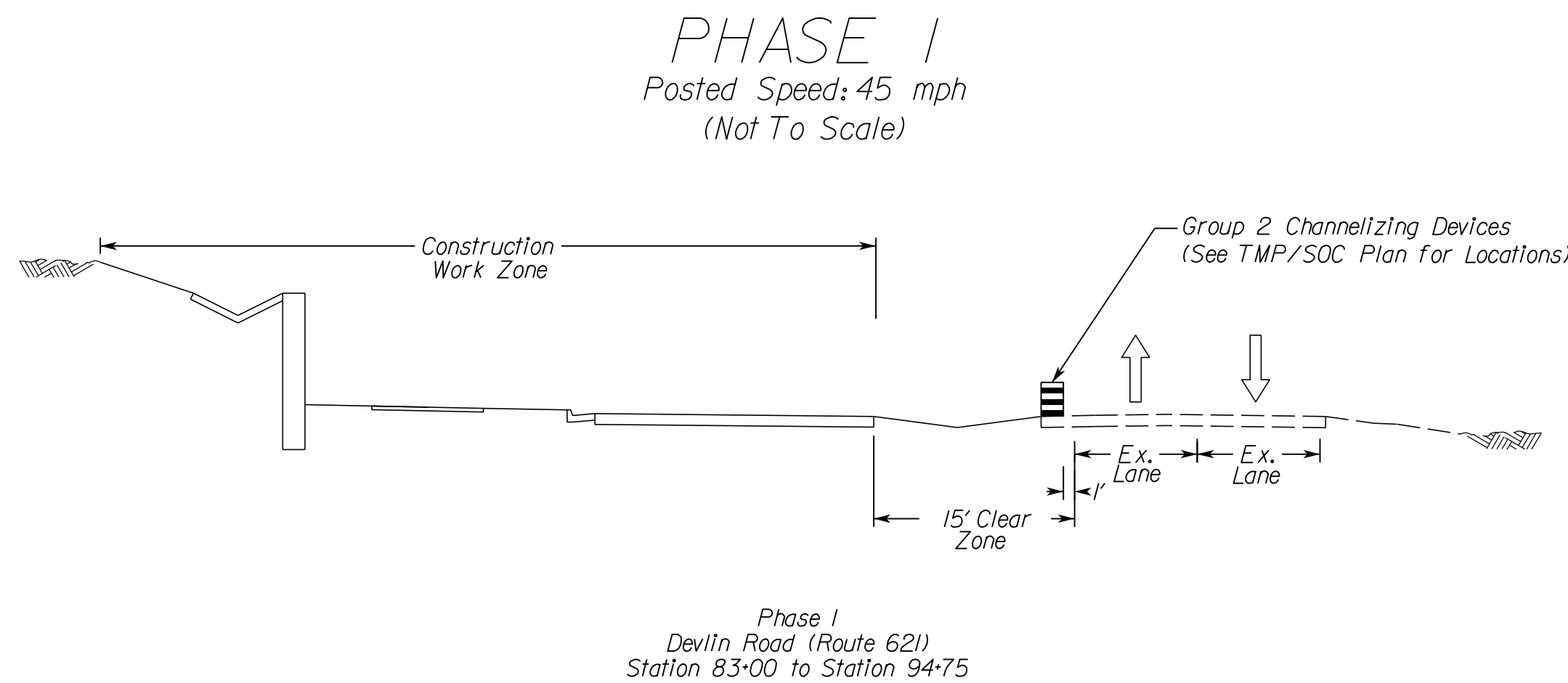
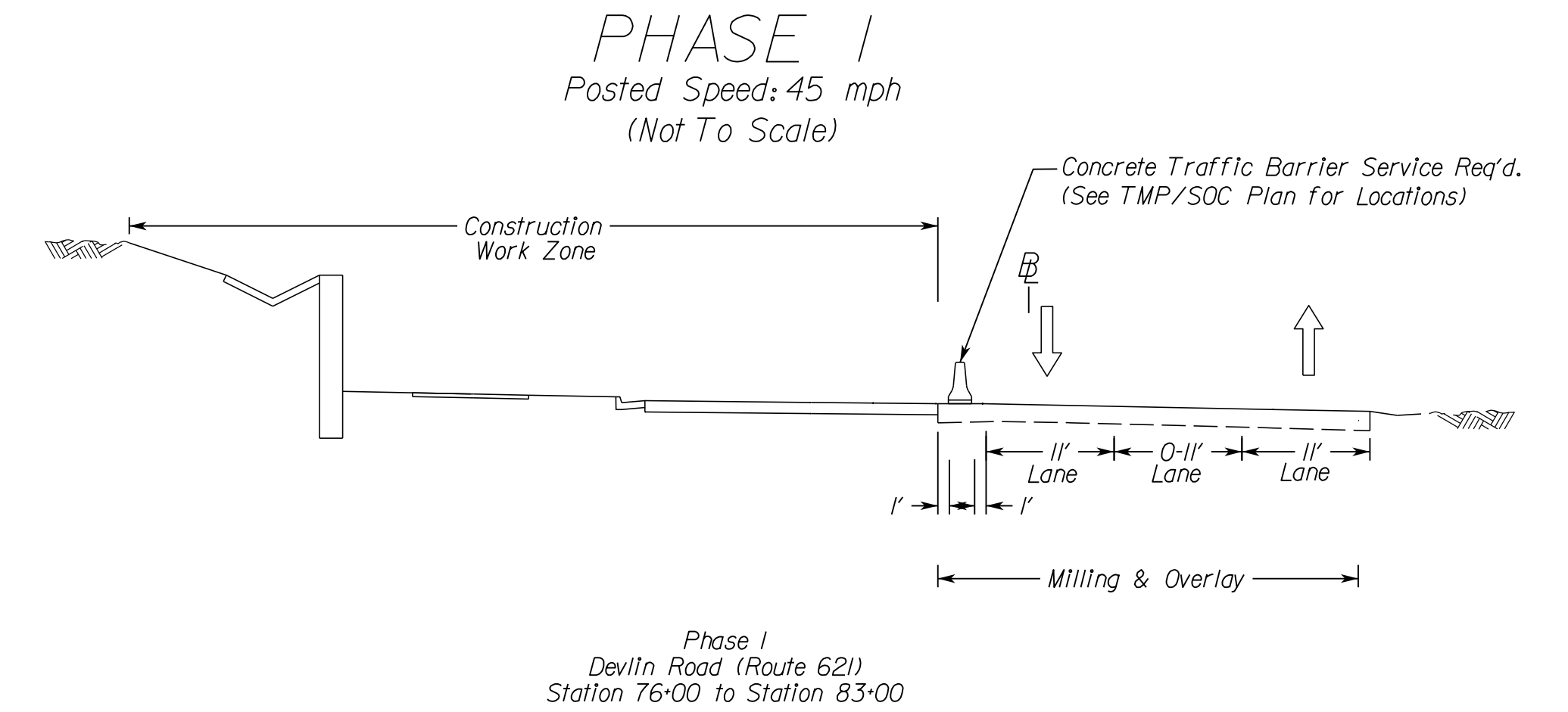
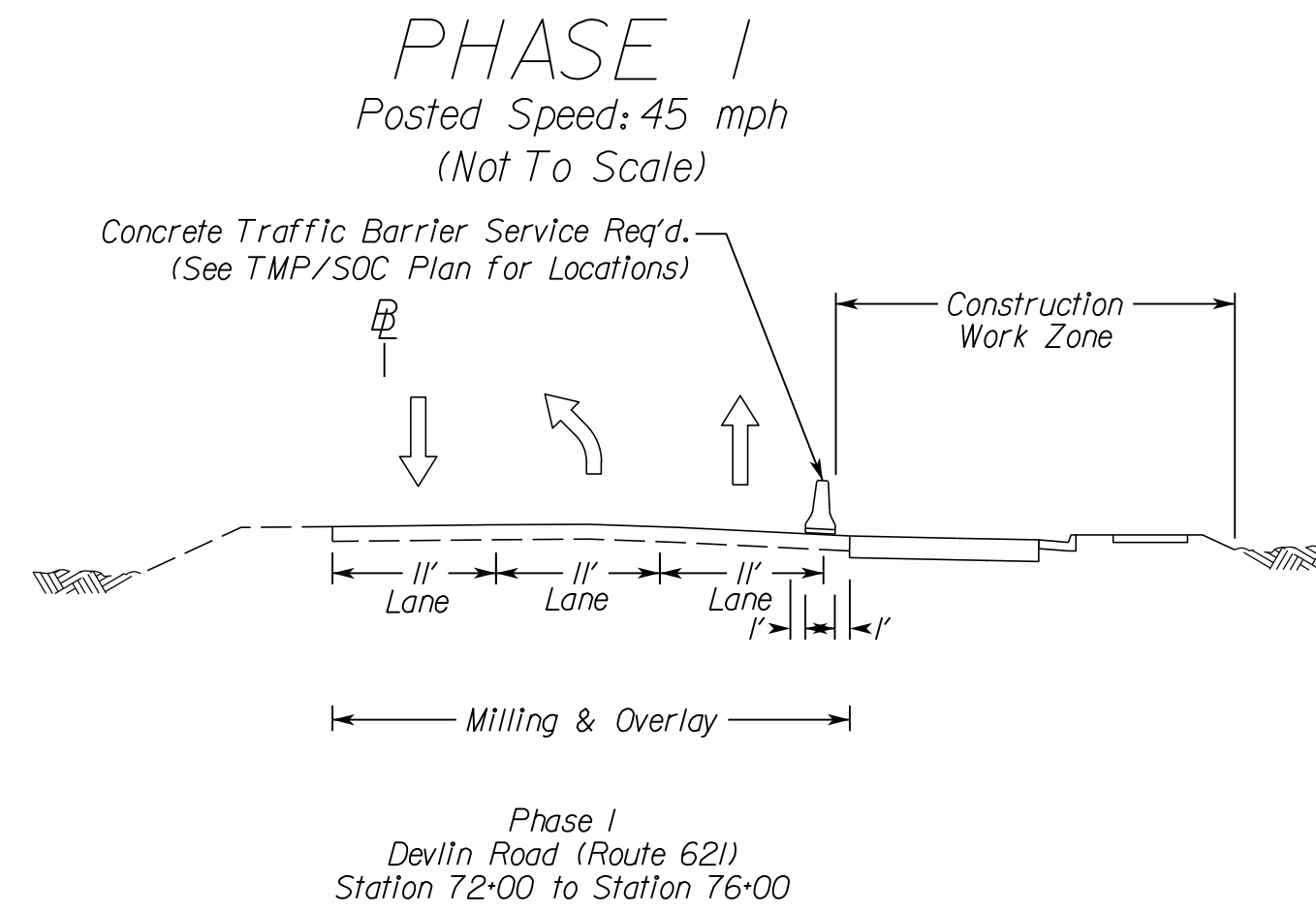
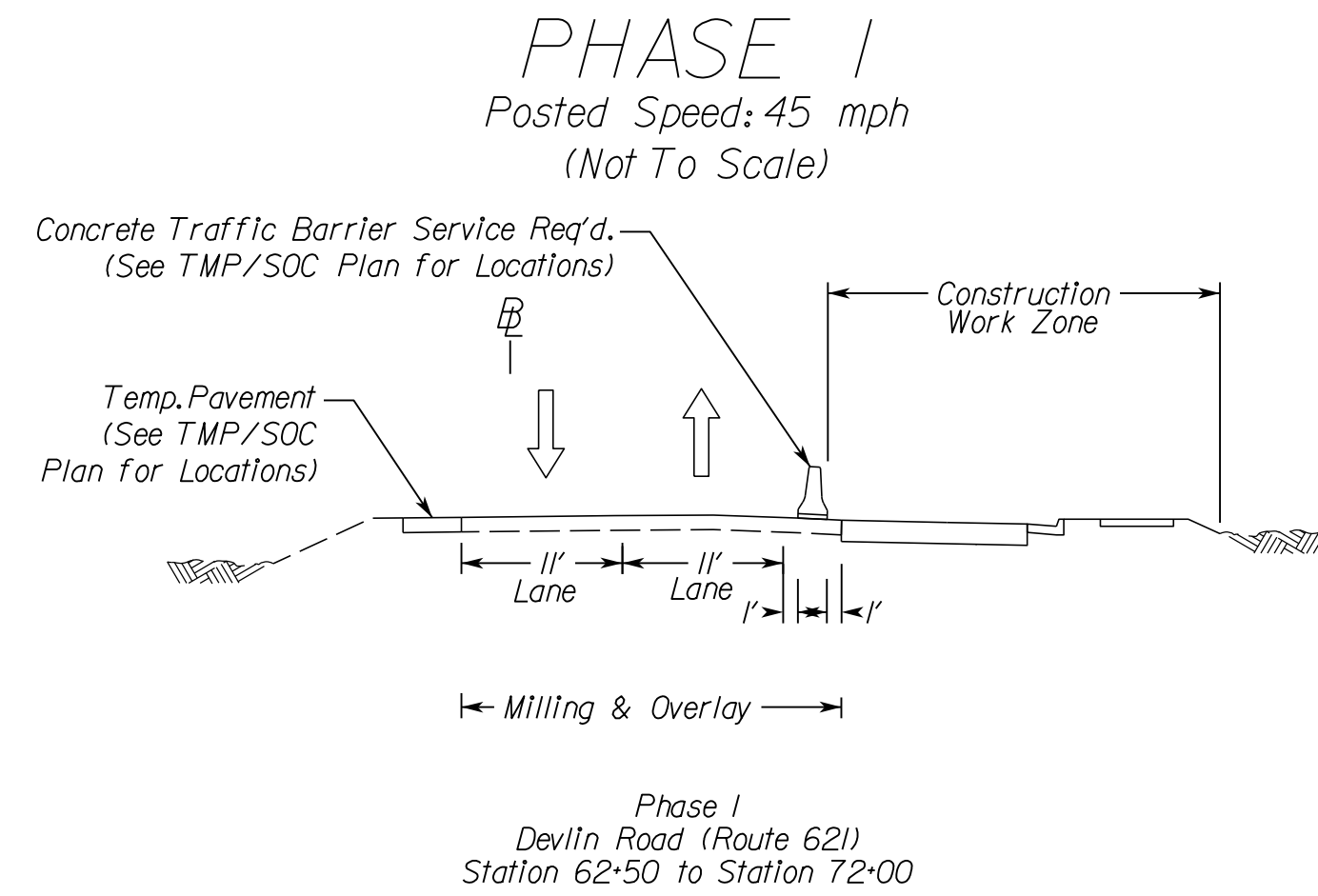
VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11
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PROJECT MANAGER: PWCDOT: Aowar, Motbarneh, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas Kougoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

Temporary Traffic Control Plans Typical Sections

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	11(2)

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PH PLANS

VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11(2)
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NOVA DISTRICT

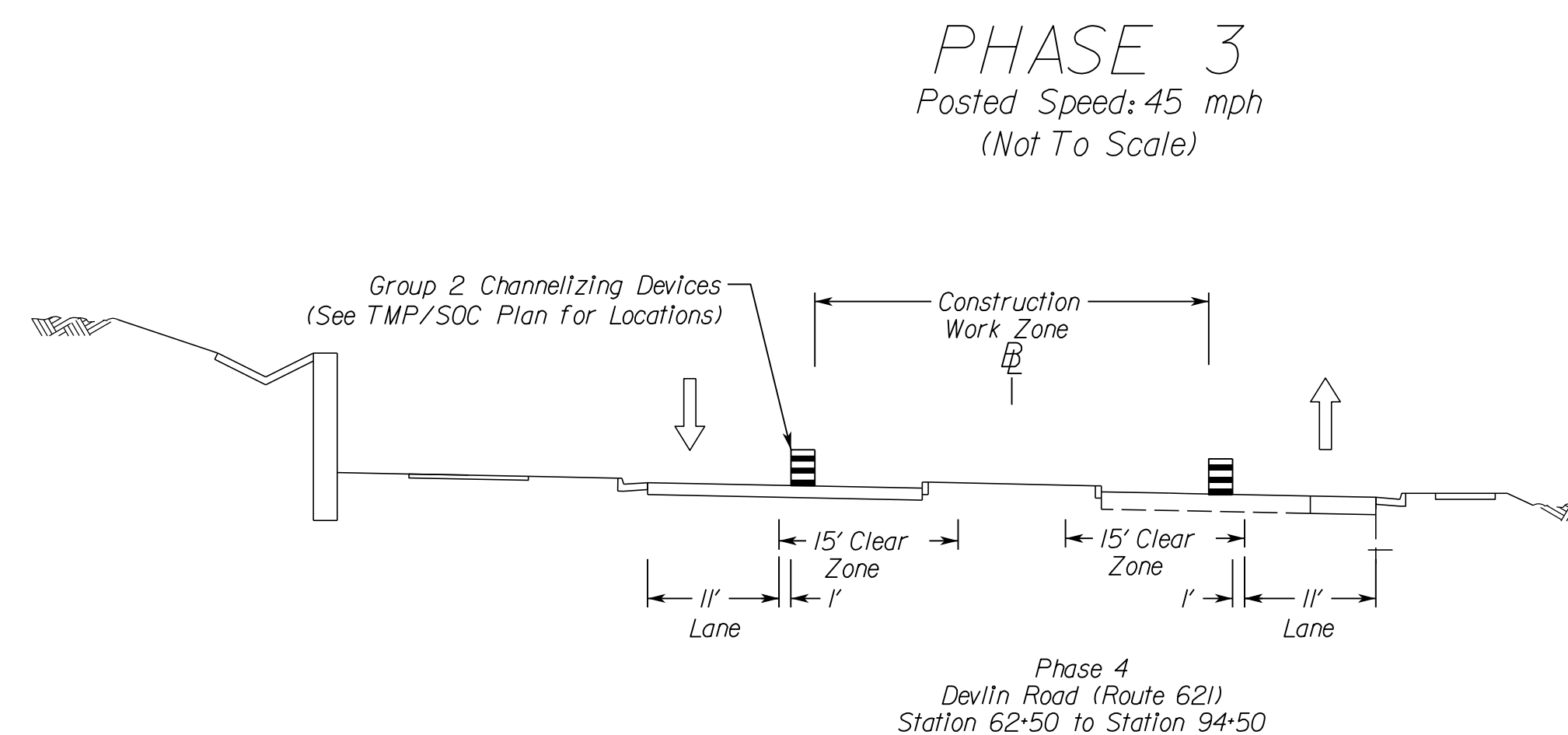
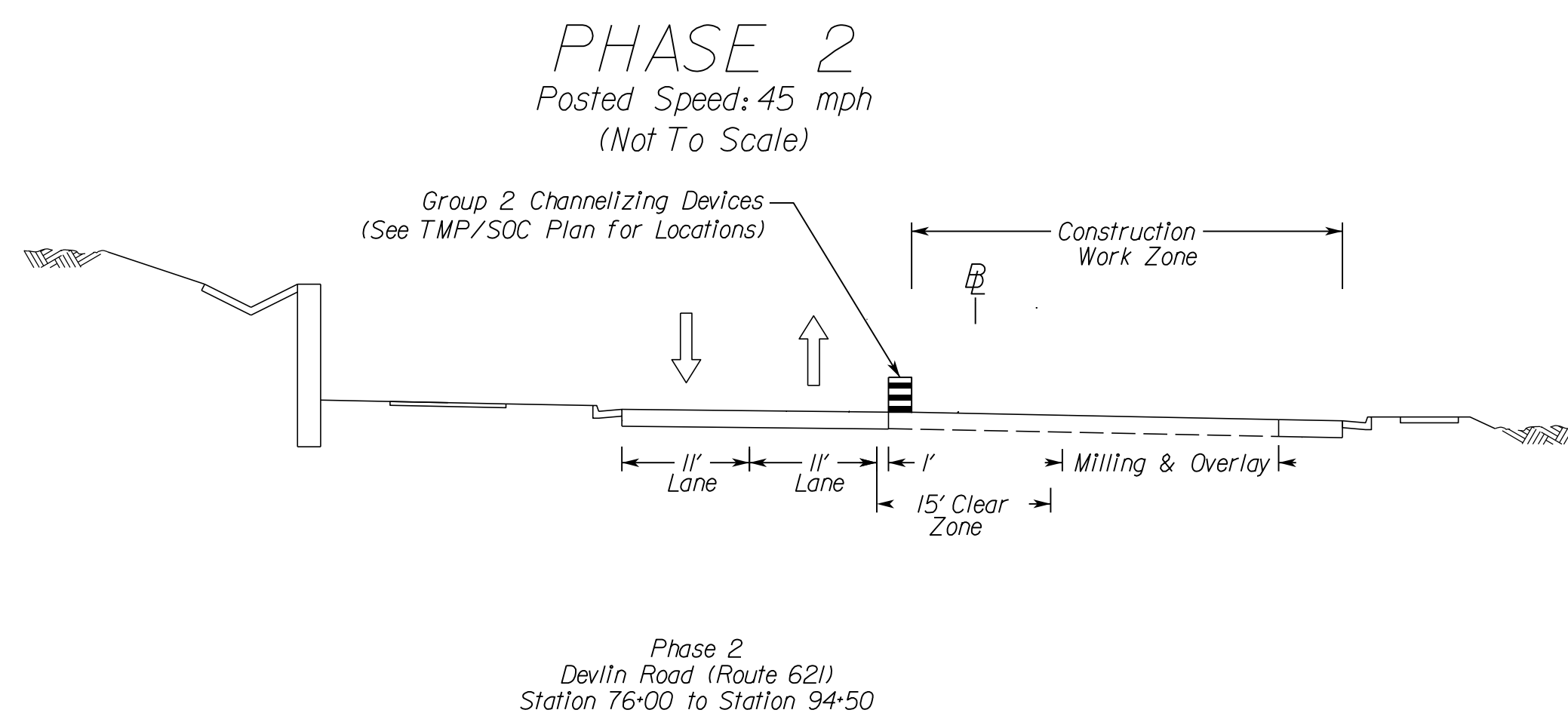
12/8/2021

PROJECT MANAGER: PWCDOT: Awwar, Motbarneh, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March, 2021

Temporary Traffic Control Plans Typical Sections

REVISED	STATE	STATE		SHEET NO.
	ROUTE	VDOT PROJECT NO.		
	VA.	621	0621-076-610 PE101 CS01 RW201	11(3)

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NOVA DISTRICT

12/8/2021

VDOT PROJECT NO.
0621-076-310
PWCDOT PROJECT NO.
SPR2021-00067

SHEET NO.
11(3)

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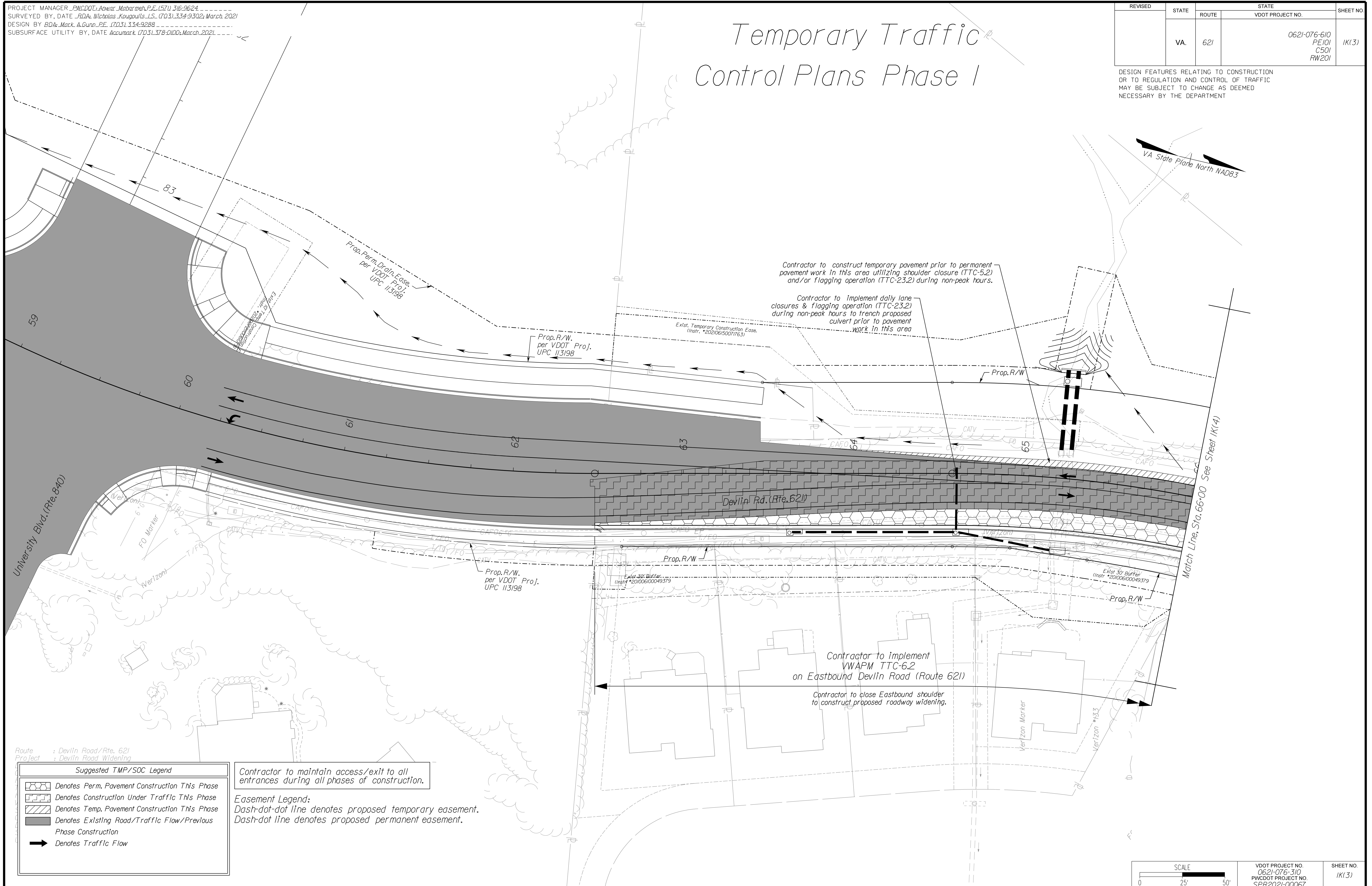
PH PLANS

PROJECT MANAGER: PWC DOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March, 2021

Temporary Traffic Control Plans Phase I

REVISED	STATE	ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 CS01 RW201	1K(3)

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

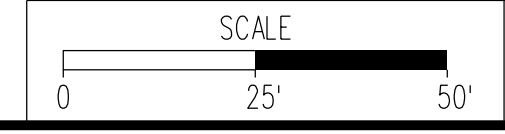


Route : Devilin Road/Rte. 621
Project : Devilin Road Widening

Suggested TMP/SOC Legend	
	Denotes Perm. Pavement Construction This Phase
	Denotes Construction Under Traffic This Phase
	Denotes Temp. Pavement Construction This Phase
	Denotes Existing Road/Traffic Flow/Previous Phase Construction
	Denotes Traffic Flow

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.



VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1K(3)
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NOVA DISTRICT

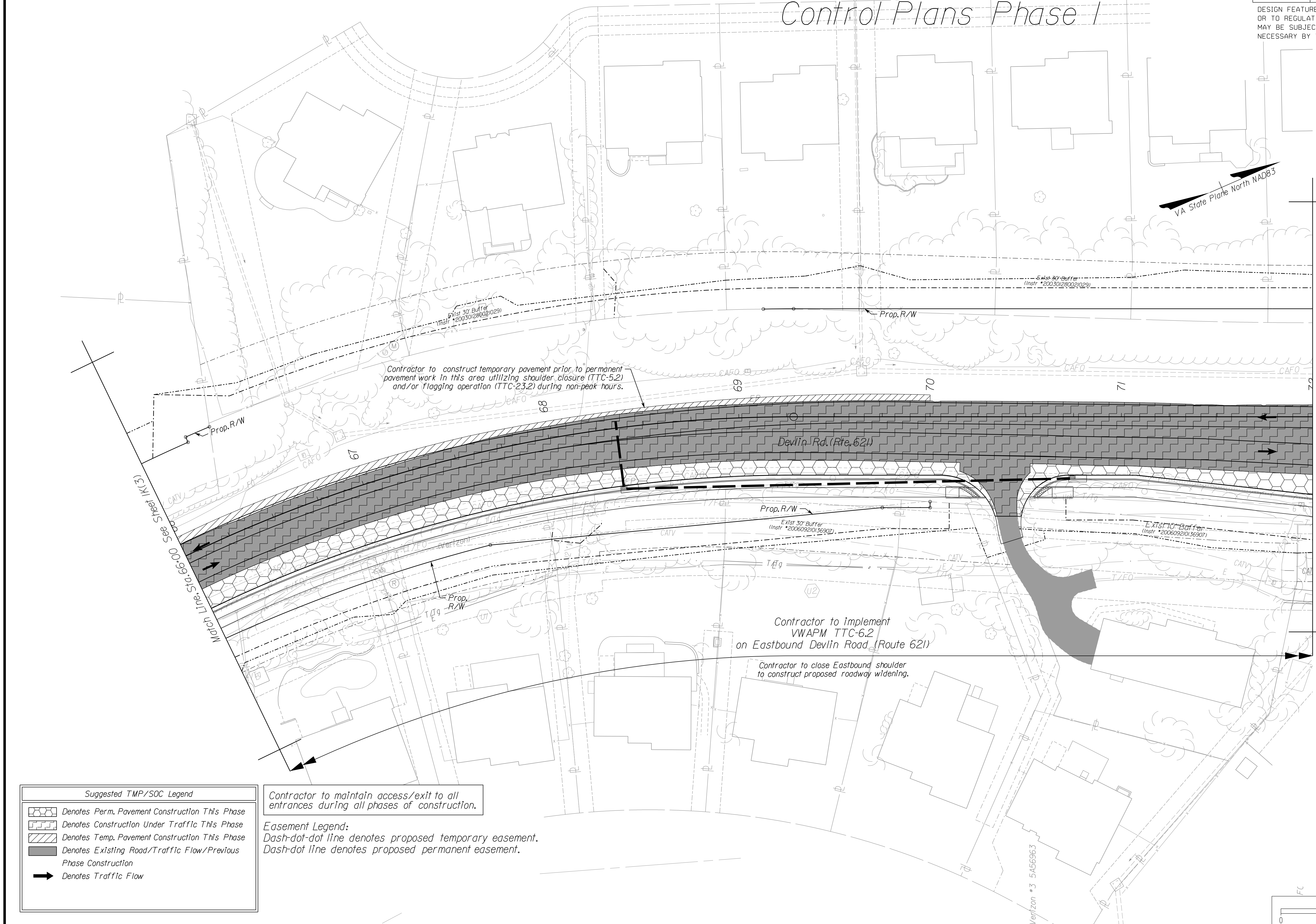
12/8/2021

PROJECT MANAGER_PWCDDOT:Awad_Mohamed,P.E.(571)316-9624
SURVEYED BY, DATE_RDA:Nicholas_Kougoultis,LS.(703)334-9302;March,2021
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 CS01 RW201	1K(4)

Temporary Traffic Control Plans Phase I

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



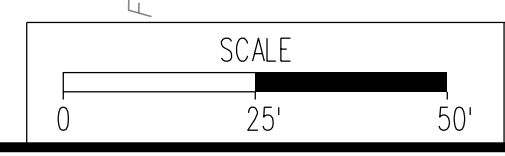
NOVA DISTRICT

Suggested TMP/SOC Legend

	Denotes Perm. Pavement Construction This Phase
	Denotes Construction Under Traffic This Phase
	Denotes Temp. Pavement Construction This Phase
	Denotes Existing Road/Traffic Flow/Previous Phase Construction
	Denotes Traffic Flow

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.



VDOT PROJECT NO. 0621-076-310
PWCDOT PROJECT NO. SPR2021-00067

SHEET NO. 1K(4)

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.

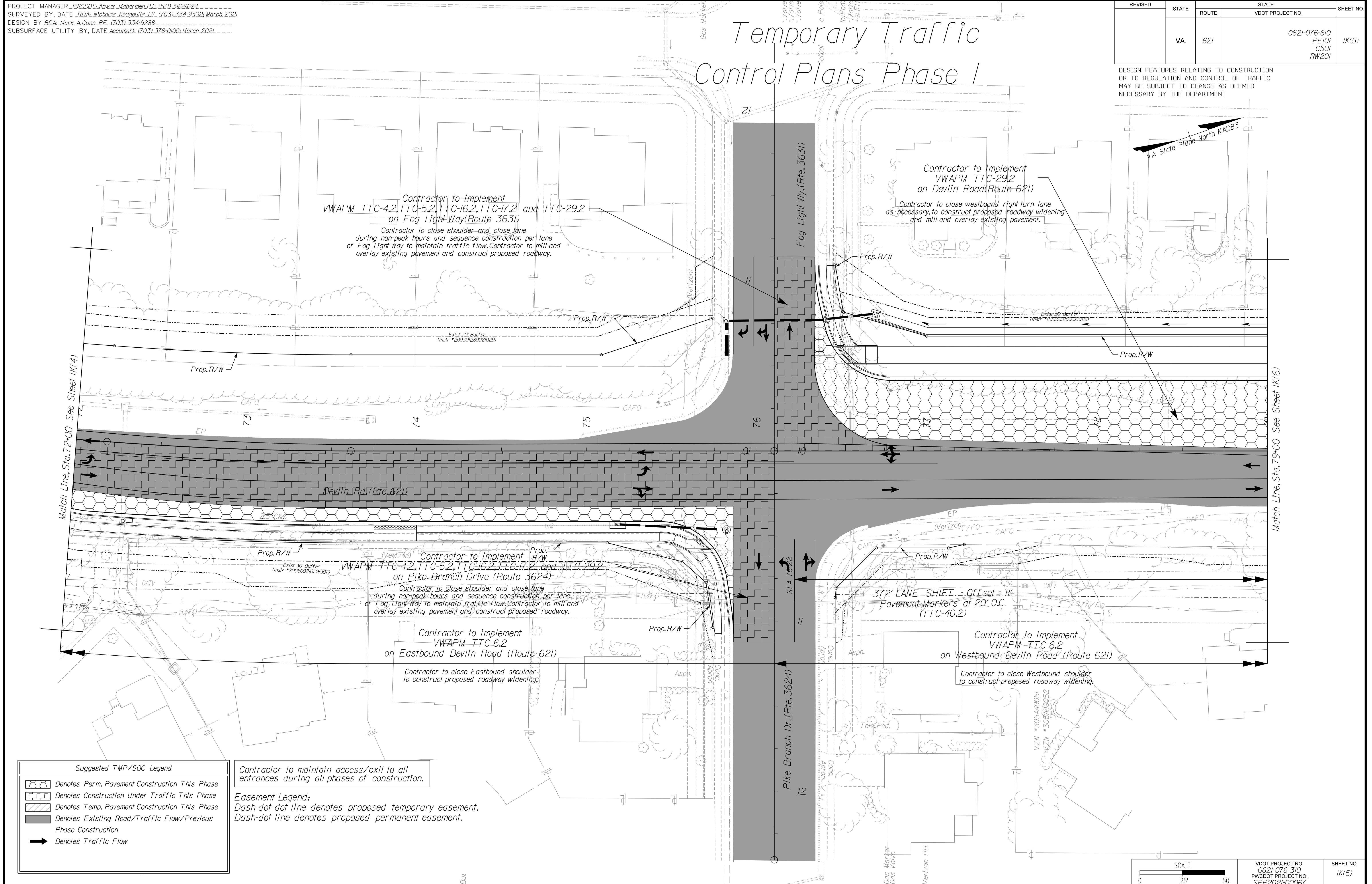
PH PLANS

PROJECT MANAGER_PWCDDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	1K(5)

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

Temporary Traffic Control Plans Phase I



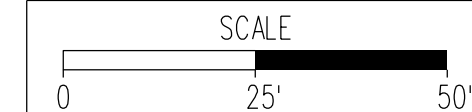
NOVA DISTRICT

12/8/2021

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.

PH PLANS



VDOT PROJECT NO. 0621-076-310
PWCDDOT PROJECT NO. SPR2021-00067

SHEET NO. 1K(5)

PROJECT MANAGER: PWCDOT: Awwar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March, 2021

Temporary Traffic Control Plans Phase I

REVISED	STATE	ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 CS01 RW201	1K16

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



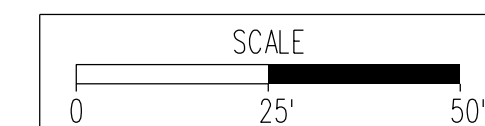
NOVA DISTRICT

Suggested TMP/SOC Legend

	Denotes Perm. Pavement Construction This Phase
	Denotes Construction Under Traffic This Phase
	Denotes Temp. Pavement Construction This Phase
	Denotes Existing Road/Traffic Flow/Previous Phase Construction
	Denotes Traffic Flow

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.



VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1K16
---	-------------------

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

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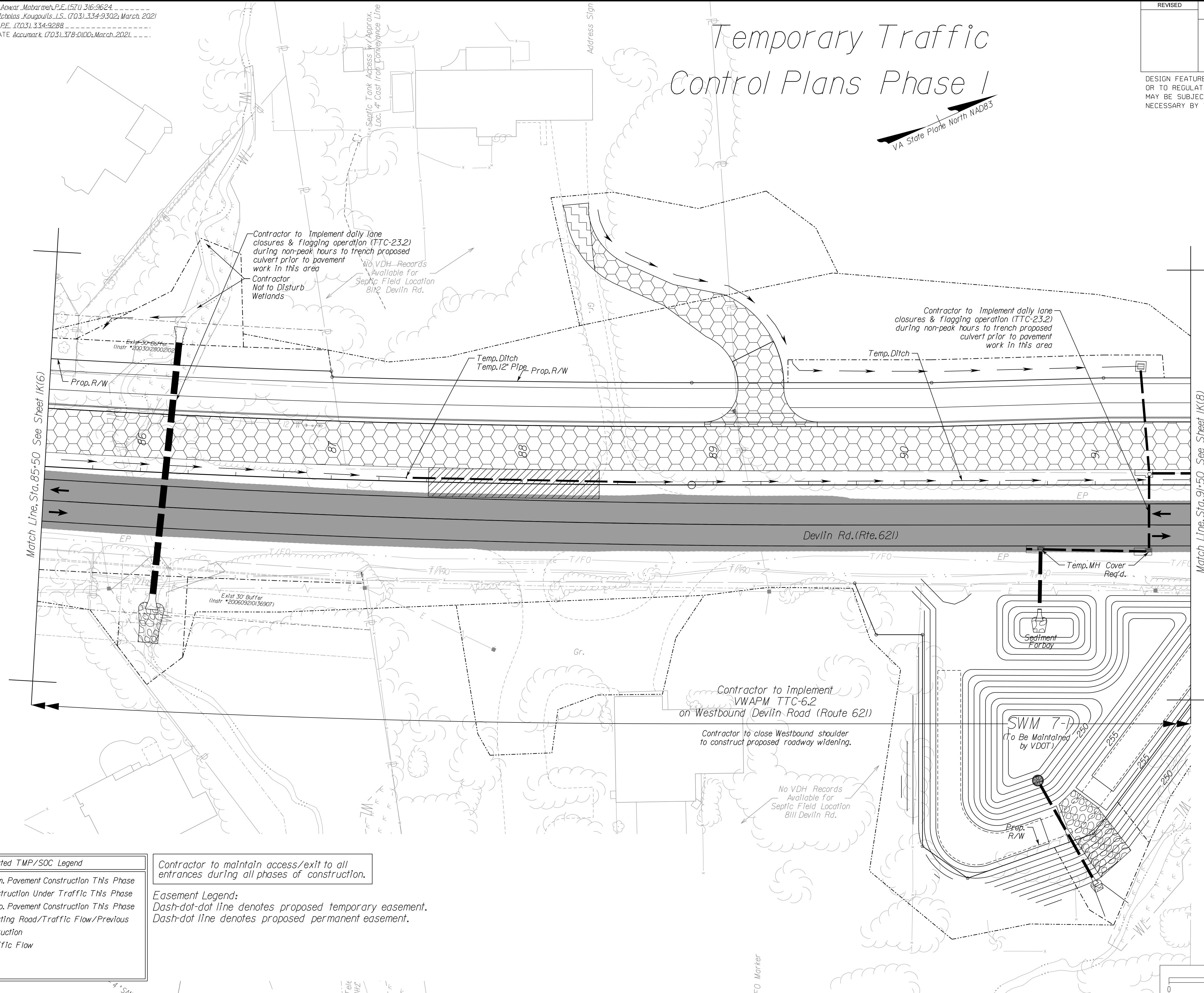
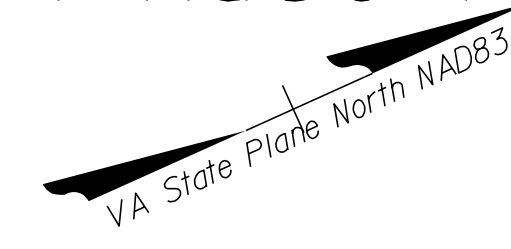
PH PLANS

PROJECT MANAGER: PWC DOT: Awar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	
					1K(7)

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

Temporary Traffic Control Plans Phase I



Match Line, Sta. 85+50 See Sheet 1K(6)

Match Line, Sta. 91+50 See Sheet 1K(8)

Suggested TMP/SOC Legend

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	Denotes Construction Under Traffic This Phase
	Denotes Temp. Pavement Construction This Phase
	Denotes Existing Road/Traffic Flow/Previous Phase Construction
	Denotes Traffic Flow

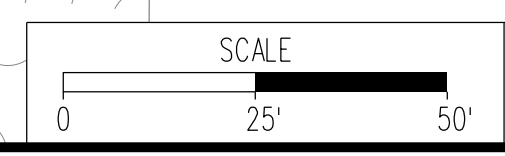
Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.

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

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PH PLANS



VDOT PROJECT NO. 0621-076-310 PWC DOT PROJECT NO. SPR2021-00067	SHEET NO. 1K(7)
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NOVA DISTRICT

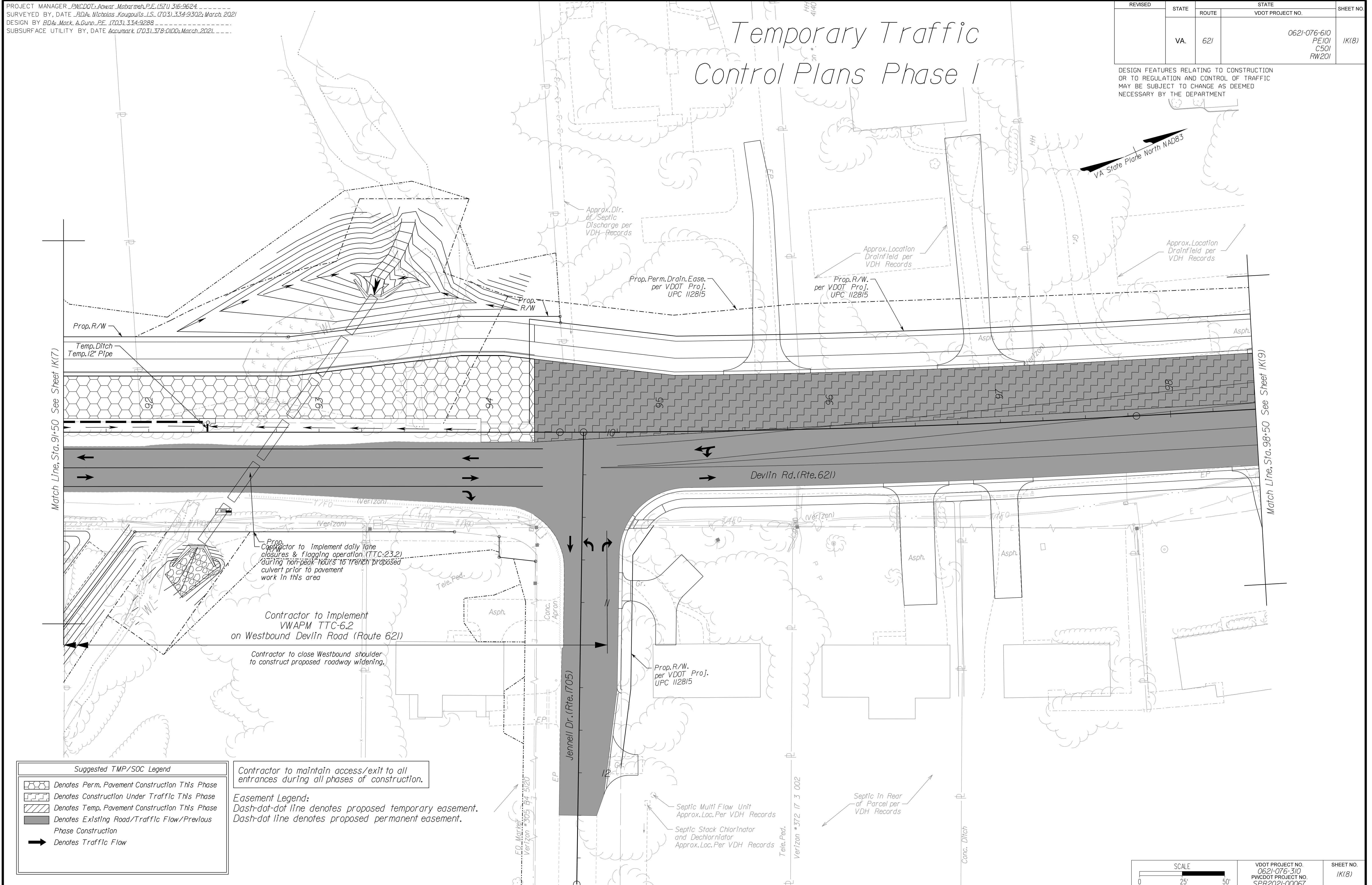
12/8/2021

PROJECT MANAGER_PWCDDOT: Awwar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	1K18

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

Temporary Traffic Control Plans Phase I



Match Line, Sta. 91+50 See Sheet 1K17

Match Line, Sta. 98+50 See Sheet 1K19

Contractor to implement daily lane closures & flagging operation (TTC-23.2) during non-peak hours to trench proposed culvert prior to pavement work in this area

Contractor to implement VWAPM TTC-6.2 on Westbound Devlin Road (Route 621)

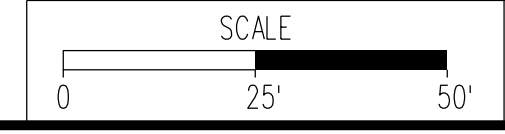
Contractor to close Westbound shoulder to construct proposed roadway widening.

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
 Dash-dot-dot line denotes proposed temporary easement.
 Dash-dot line denotes proposed permanent easement.

Suggested TMP/SOC Legend

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	Denotes Traffic Flow



VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1K18
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

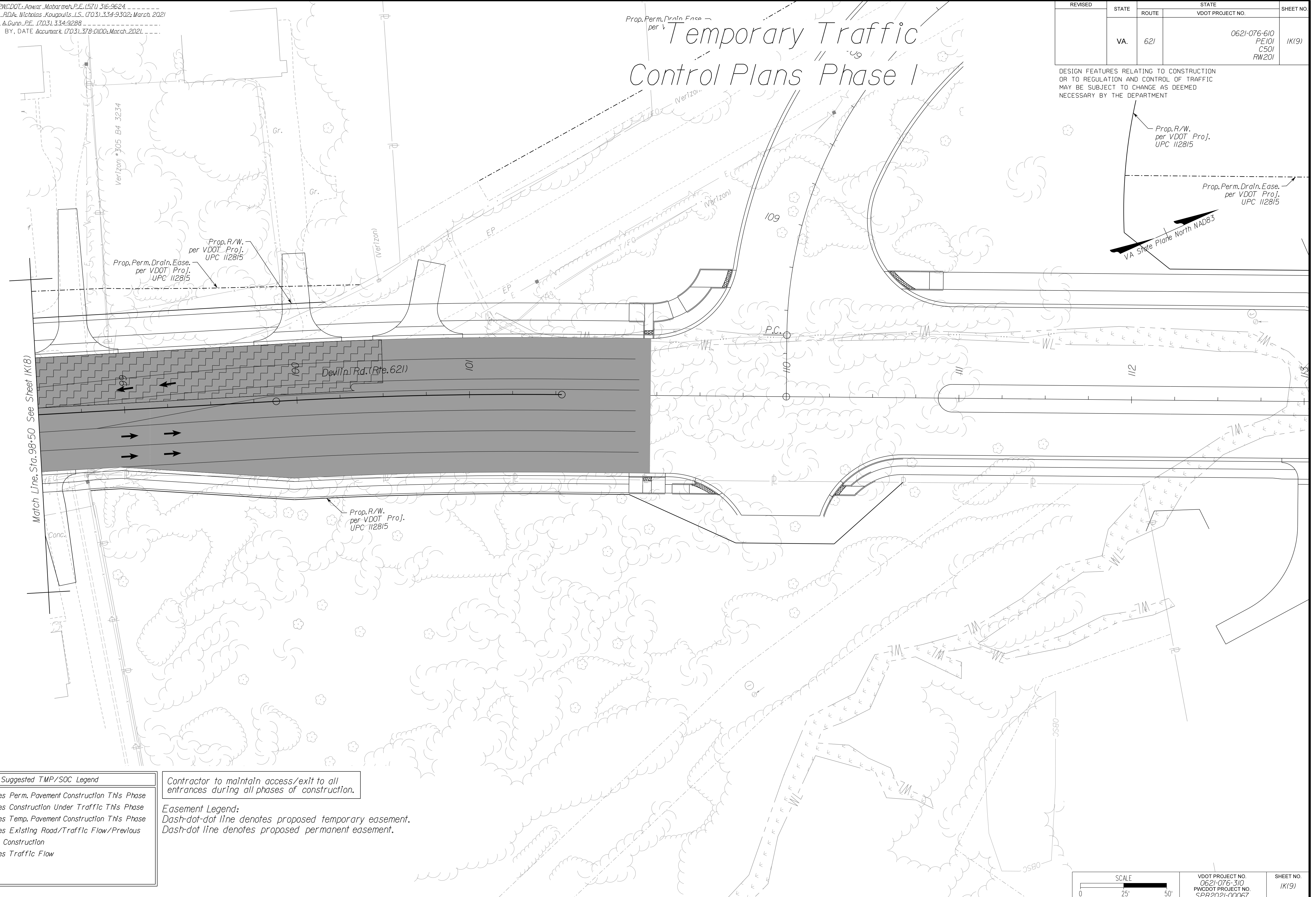
NOVA DISTRICT

PROJECT MANAGER: PWCDOT: Aowar_Mohamreh, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March 2021
DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March 2021

Temporary Traffic Control Plans Phase I

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	1K(9)

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



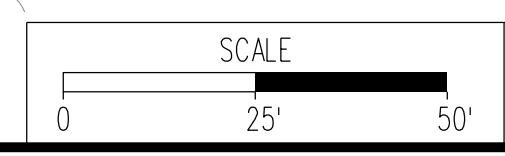
Match Line, Sta. 98+50. See Sheet 1K(8)

Suggested TMP/SOC Legend

- Denotes Perm. Pavement Construction This Phase
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- Denotes Temp. Pavement Construction This Phase
- Denotes Existing Road/Traffic Flow/Previous Phase Construction
- Denotes Traffic Flow

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.



VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1K(9)
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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.

PH PLANS

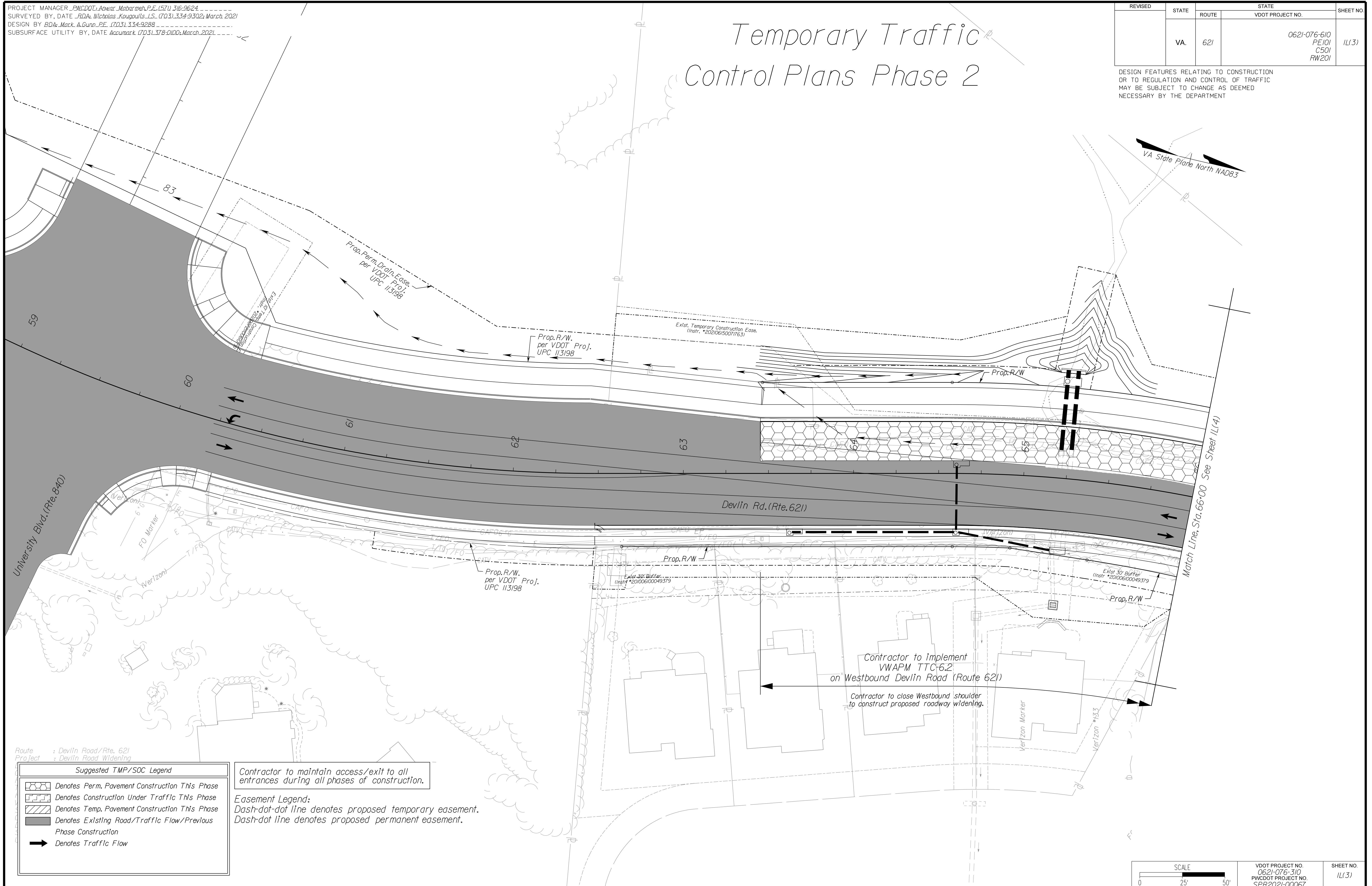
NOVA DISTRICT

PROJECT MANAGER: PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

Temporary Traffic Control Plans Phase 2

REVISED	STATE	ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 CS01 RW201	11(3)

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

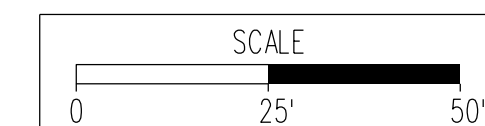


Route : Devlin Road/Rte. 621
Project : Devlin Road Widening

Suggested TMP/SOC Legend	
	Denotes Perm. Pavement Construction This Phase
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	Denotes Existing Road/Traffic Flow/Previous Phase Construction
	Denotes Traffic Flow

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.



VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11(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.

PH PLANS

NOVA DISTRICT

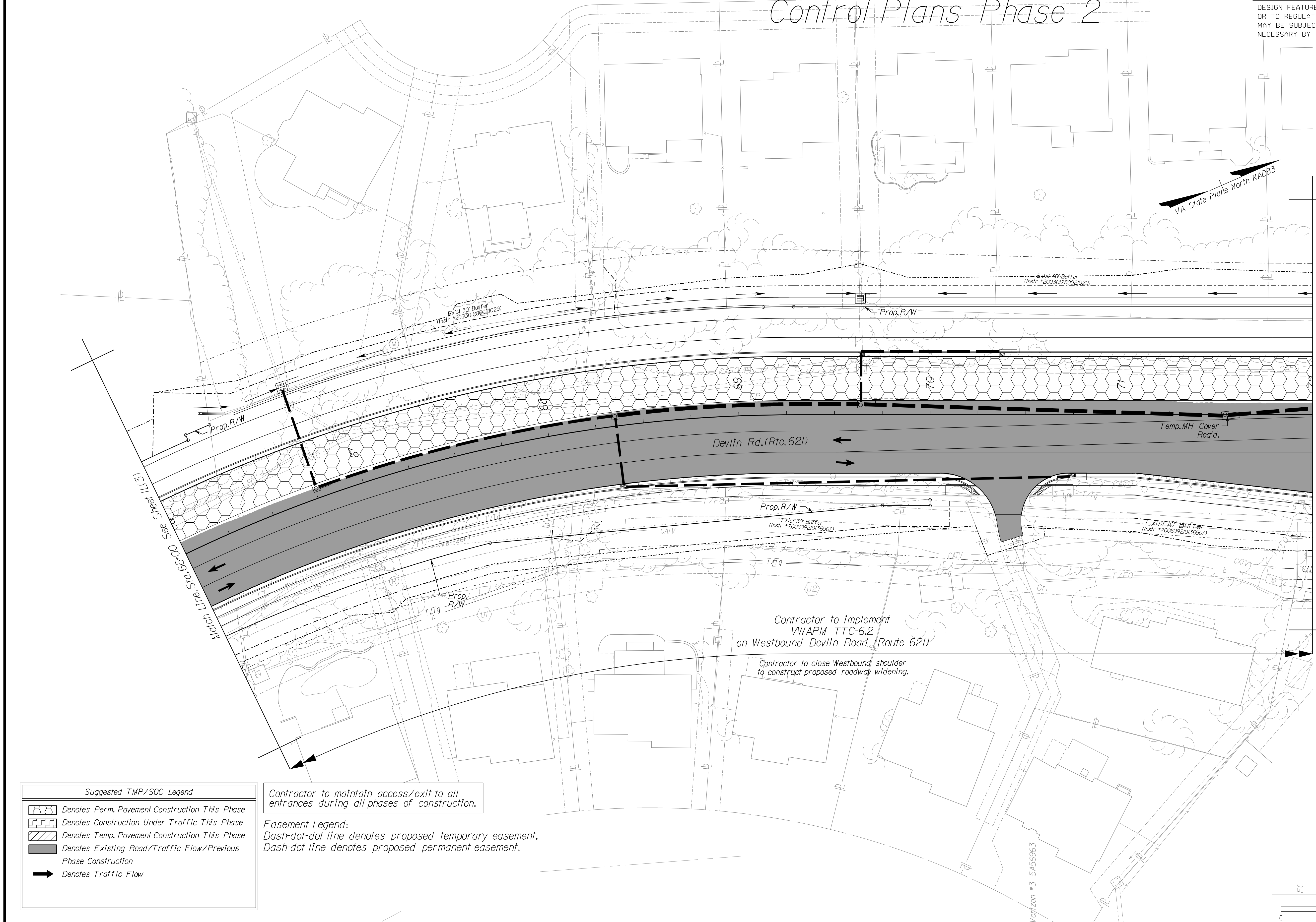
12/8/2021

PROJECT MANAGER_PWCDDOT:Awad_Mohamed.P.E.(571)316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoullis_L.S.(703)334-9302; March, 2021
DESIGN BY_RDA: Mack_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 CS01 RW201	1L(4)

Temporary Traffic Control Plans Phase 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

Suggested TMP/SOC Legend

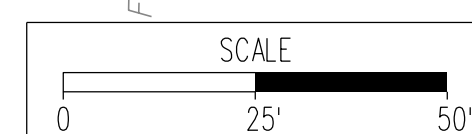
	Denotes Perm. Pavement Construction This Phase
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	Denotes Temp. Pavement Construction This Phase
	Denotes Existing Road/Traffic Flow/Previous Phase Construction
	Denotes Traffic Flow

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.

Contractor to implement VWAPM TTC-6.2 on Westbound DevilIn Road (Route 621)

Contractor to close Westbound shoulder to construct proposed roadway widening.



VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1L(4)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

PROJECT MANAGER PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_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 CS01 RW201	11(5)

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

Temporary Traffic Control Plans Phase 2

Contractor to implement VWAPM TTC-4.2, TTC-5.2, TTC-16.2, TTC-17.2 and TTC-29.2 on Fog Light Way (Route 3631)
Contractor to close shoulder and close lane during non-peak hours and sequence construction per lane of Fog Light Way to maintain traffic flow. Contractor to mill and overlay existing pavement and construct proposed roadway.

Contractor to implement VWAPM TTC-4.2, TTC-5.2, TTC-23.2, TTC-29.2 on Devilin Road (Route 621)
Contractor to close shoulder and close lane during non-peak hours, as necessary, to mill and overlay existing pavement.

Contractor to implement VWAPM TTC-4.2, TTC-5.2, TTC-16.2, TTC-17.2 and TTC-29.2 on Pike Branch Drive (Route 3624)
Contractor to close shoulder and close lane during non-peak hours and sequence construction per lane of Pike Branch Way to maintain traffic flow. Contractor to mill and overlay existing pavement and construct proposed roadway.

Contractor to implement VWAPM TTC-6.2 on Westbound Devilin Road (Route 621)
Contractor to close Westbound shoulder to construct proposed roadway widening.

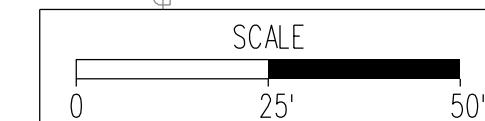
Contractor to implement VWAPM TTC-6.2 on Eastbound Devilin Road (Route 621)
Contractor to close Eastbound shoulder to construct proposed roadway widening.

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.

Suggested TMP/SOC Legend

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VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11(5)
---	--------------------

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.

PH PLANS

NOVA DISTRICT

12/8/2021

Match Line, Sta. 72+00 See Sheet 11(4)

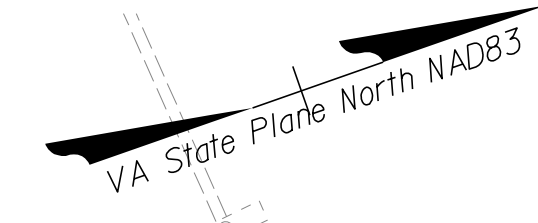
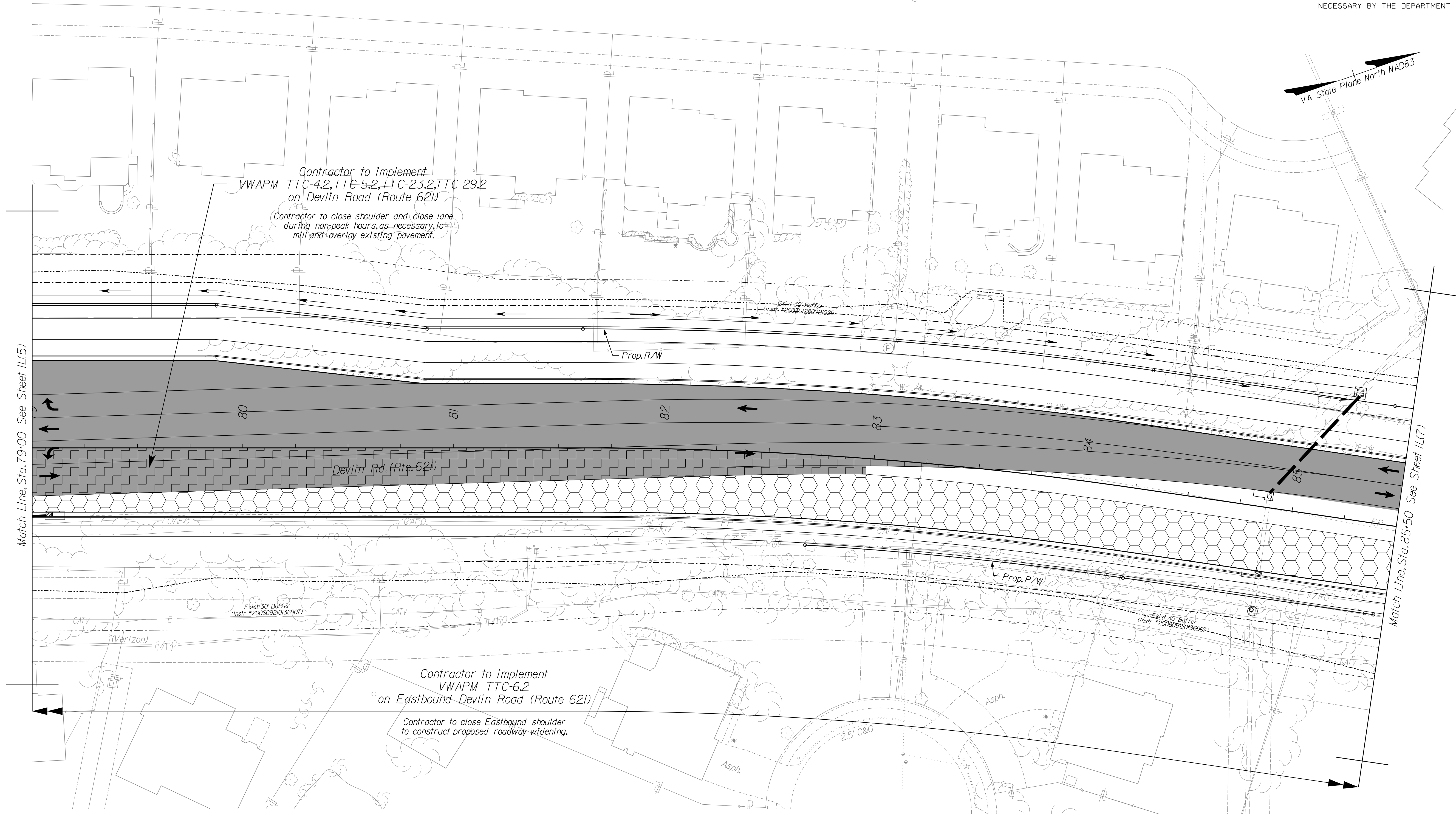
Match Line, Sta. 79+00 See Sheet 11(6)

PROJECT MANAGER_PWC DOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

Temporary Traffic Control Plans Phase 2

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	11(16)

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



Match Line, Sta. 79+00 See Sheet 11(5)

Match Line, Sta. 85+50 See Sheet 11(7)

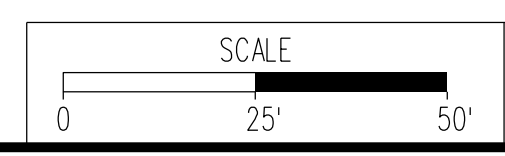
NOVA DISTRICT

Suggested TMP/SOC Legend

	Denotes Perm. Pavement Construction This Phase
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	Denotes Temp. Pavement Construction This Phase
	Denotes Existing Road/Traffic Flow/Previous Phase Construction
	Denotes Traffic Flow

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
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VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11(16)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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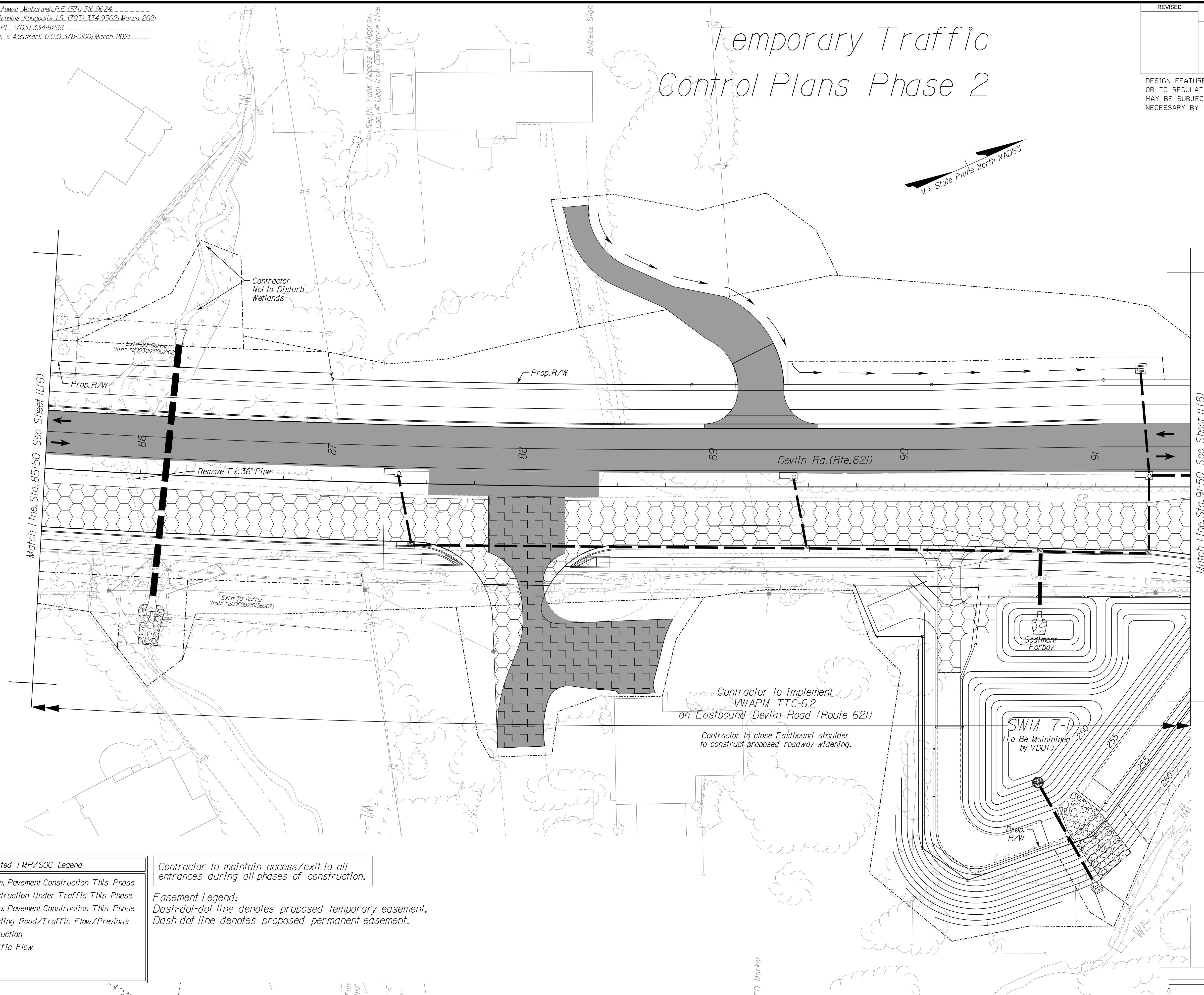
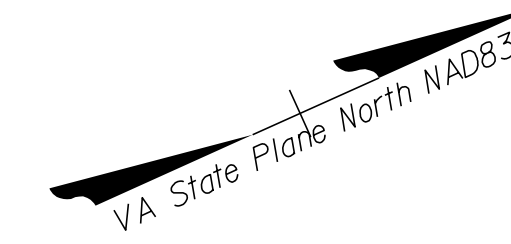
PH PLANS

PROJECT MANAGER: *PWCDDT: Aowar_Mohamed, P.E. (571) 316-9624*
 SURVEYED BY, DATE: *RDA: Nicholas_Kougoultis, L.S. (703) 334-9302; March, 2021*
 DESIGN BY: *RDA: Mack_A.Gunn, P.E. (703) 334-9288*
 SUBSURFACE UTILITY BY, DATE: *Accumark (703) 378-0100; March, 2021*

REVISED	STATE		STATE		SHEET NO.
	ROUTE	VDOT PROJECT NO.	VDOT PROJECT NO.	VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 RW201		11(7)

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

Temporary Traffic Control Plans Phase 2



NOVA DISTRICT

Suggested TMP/SOC Legend	
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PH PLANS

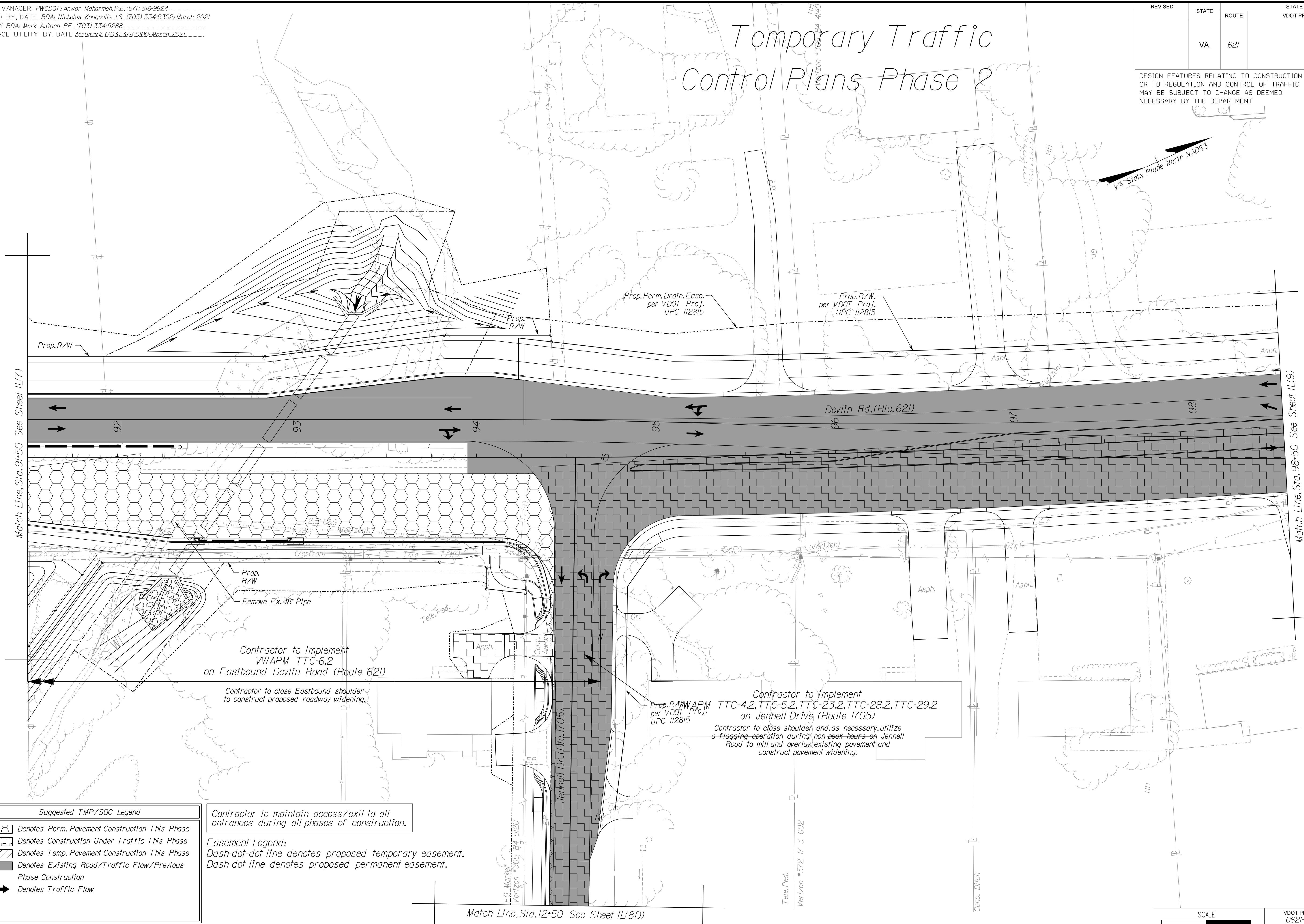
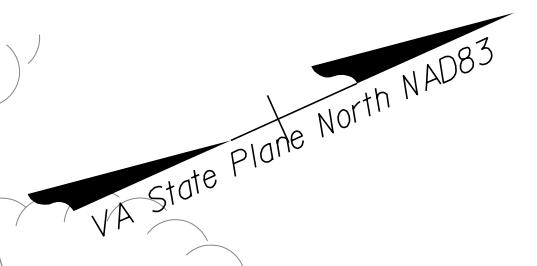
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PROJECT MANAGER: PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
		VA.	621		

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

Temporary Traffic Control Plans Phase 2



Match Line, Sta. 9+50 See Sheet 11(7)

Match Line, Sta. 98+50 See Sheet 11(9)

Match Line, Sta. 12+50 See Sheet 11(8D)

Suggested TMP/SOC Legend

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	Denotes Existing Road/Traffic Flow/Previous Phase Construction
	Denotes Traffic Flow

Contractor to maintain access/exit to all entrances during all phases of construction.

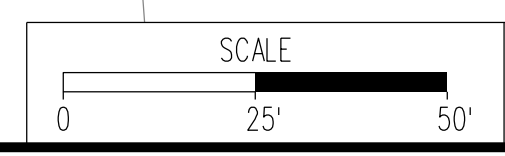
Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.

Contractor to implement TTC-4.2, TTC-5.2, TTC-23.2, TTC-28.2, TTC-29.2 on Jennell Drive (Route 1705)
Contractor to close shoulder and, as necessary, utilize a flagging operation during non-peak hours on Jennell Road to mill and overlay existing pavement and construct pavement widening.

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.

PH PLANS



VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11(8)
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NOVA DISTRICT

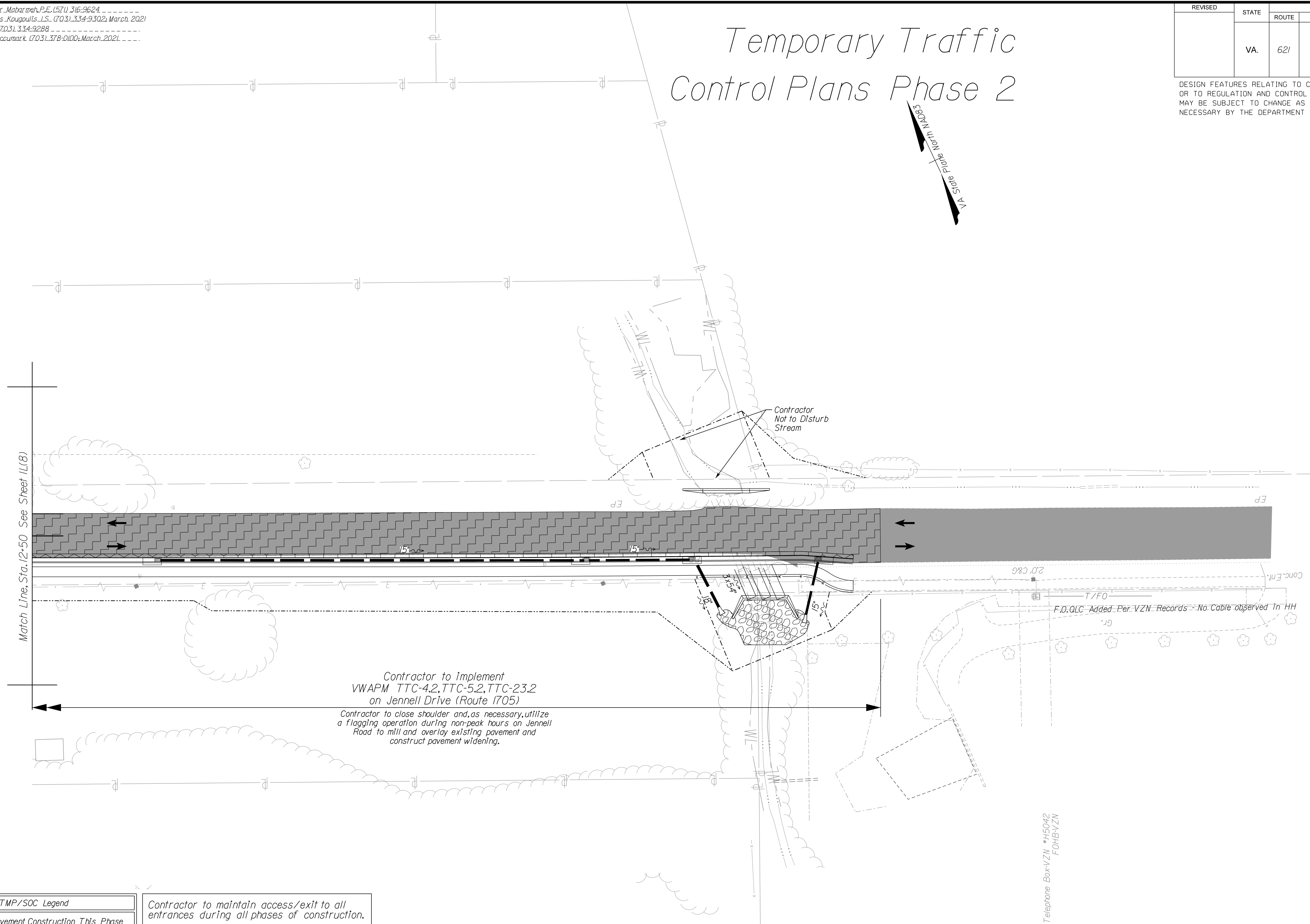
12/8/2021

PROJECT MANAGER PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March, 2021

REVISED	STATE	STATE		SHEET NO.
	ROUTE	VDOT PROJECT NO.		
	VA.	621	0621-076-610 PE101 CS01 RW201	1L(8D)

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

Temporary Traffic Control Plans Phase 2



Match Line Sta. 12+50 See Sheet 1L(8)

Contractor to implement VWAPM TTC-4.2, TTC-5.2, TTC-23.2 on Jennell Drive (Route 1705)

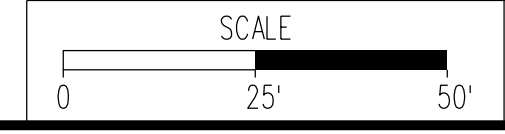
Contractor to close shoulder and, as necessary, utilize a flagging operation during non-peak hours on Jennell Road to mill and overlay existing pavement and construct pavement widening.

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.

Suggested TMP/SOC Legend

	Denotes Perm. Pavement Construction This Phase
	Denotes Construction Under Traffic This Phase
	Denotes Temp. Pavement Construction This Phase
	Denotes Existing Road/Traffic Flow/Previous Phase Construction
	Denotes Traffic Flow



VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1L(8D)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

NOVA DISTRICT

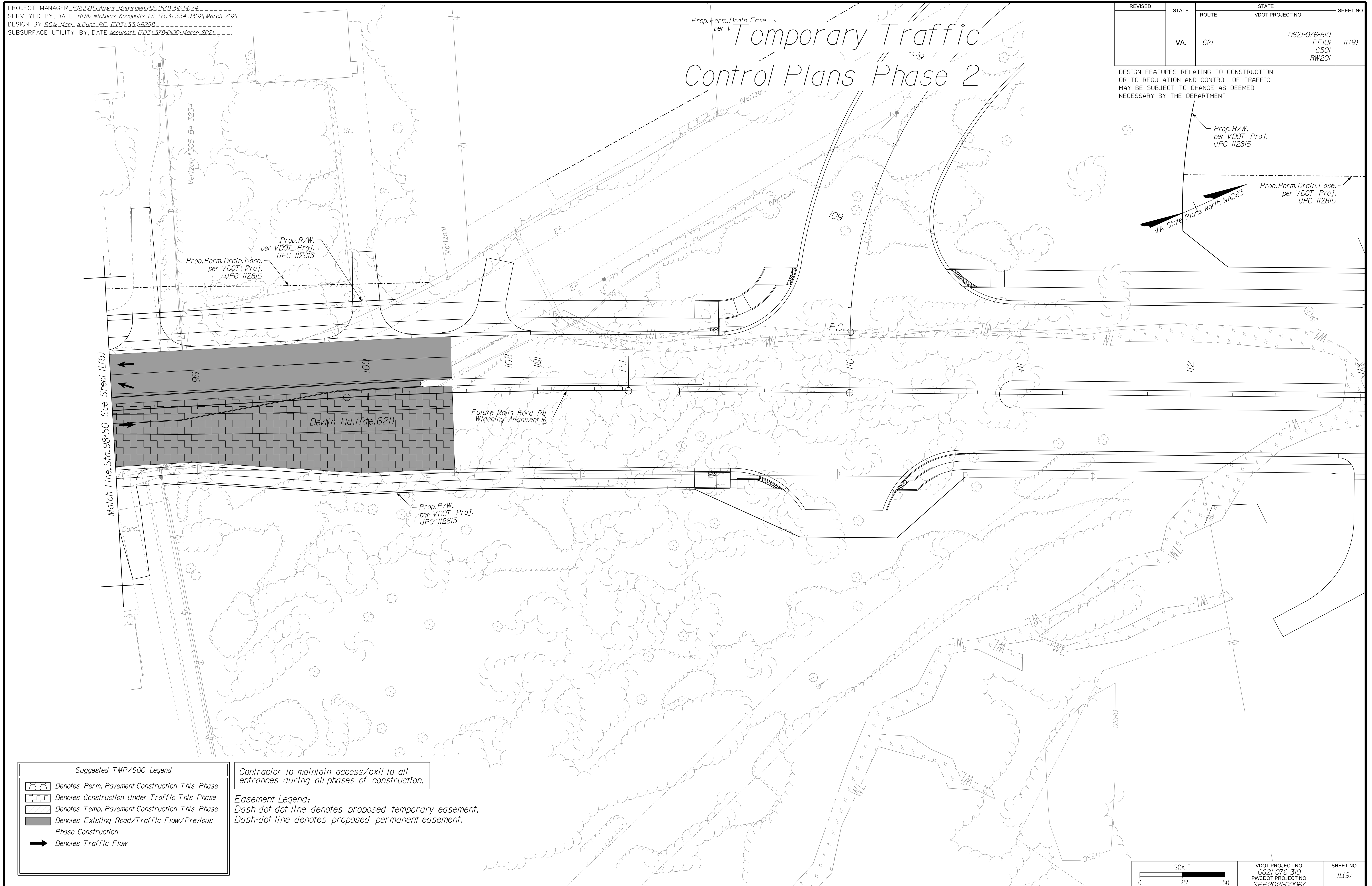
12/8/2021

PROJECT MANAGER: PWCDOT: Aowar_Mohamadh.P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas_Kougoulis_L.S. (703) 334-9302; March 2021
DESIGN BY: RDA: Mack_A.Gunn.P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March 2021

Temporary Traffic Control Plans Phase 2

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	11(9)

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



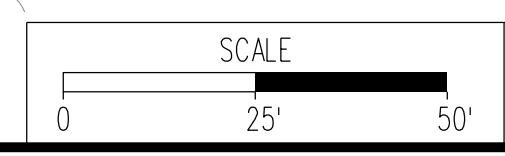
Match Line, Sta. 98+50. See Sheet 11(8)

Suggested TMP/SOC Legend

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	Denotes Construction Under Traffic This Phase
	Denotes Temp. Pavement Construction This Phase
	Denotes Existing Road/Traffic Flow/Previous Phase Construction
	Denotes Traffic Flow

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.



VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11(9)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

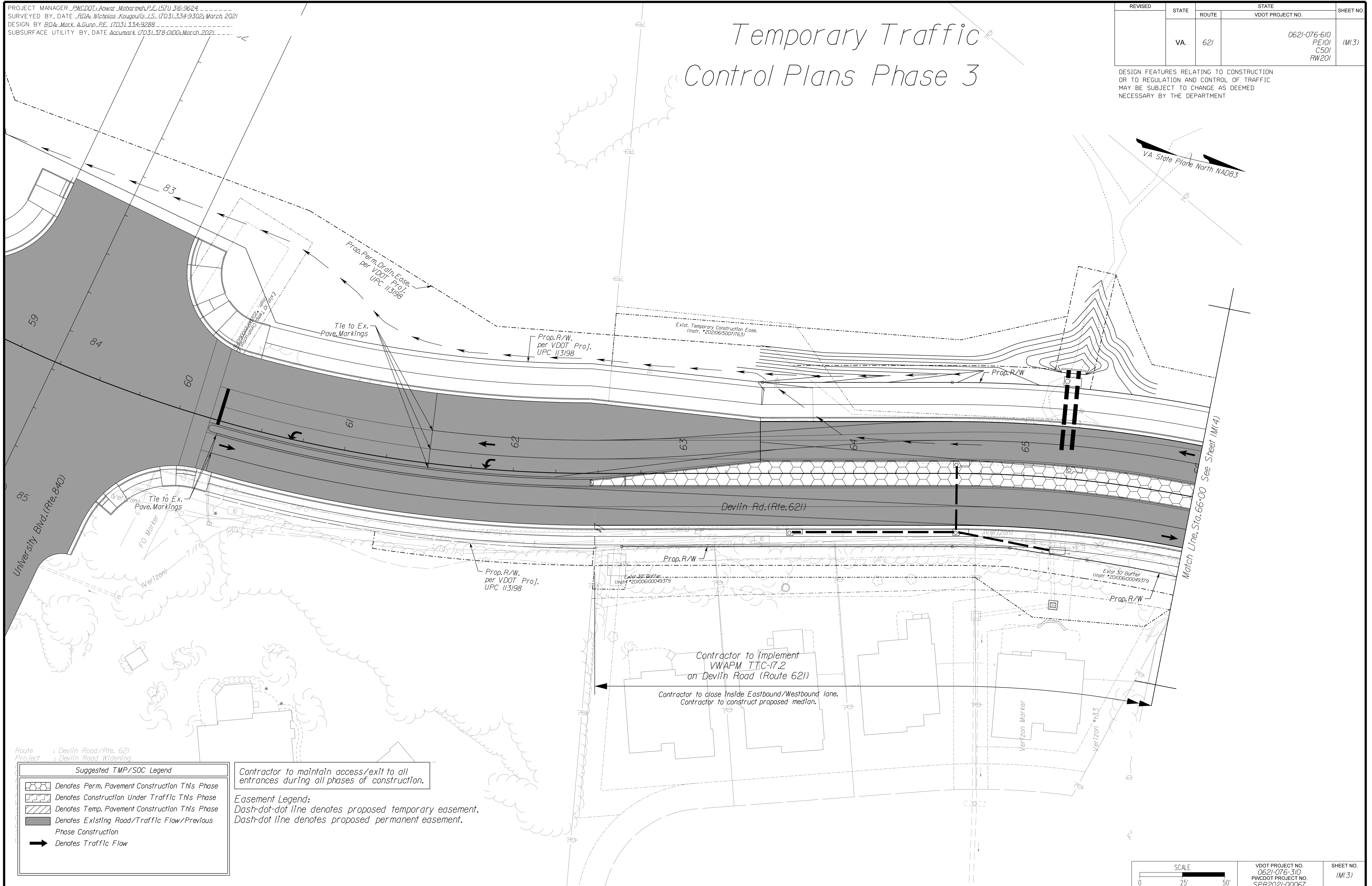
NOVA DISTRICT

PROJECT MANAGER: *PWC DOT: Aowar_Mohamreh, P.E. (571) 316-9624*
SURVEYED BY, DATE: *RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021*
DESIGN BY: *RDA: Mack_A.Gunn, P.E. (703) 334-9288*
SUBSURFACE UTILITY BY, DATE: *Accumark (703) 378-0100; March, 2021*

Temporary Traffic Control Plans Phase 3

REVISED	STATE	ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 CS01 RW201	1M(3)

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

Route : Devlin Road/Rte. 621
Project : Devlin Road Widening

Suggested TMP/SOC Legend

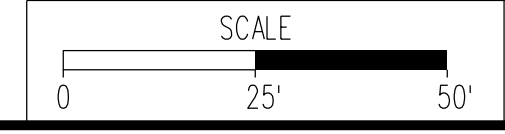
	Denotes Perm. Pavement Construction This Phase
	Denotes Construction Under Traffic This Phase
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	Denotes Existing Road/Traffic Flow/Previous Phase Construction
	Denotes Traffic Flow

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.

Contractor to implement VWAPM TTC-17.2 on Devlin Road (Route 621)

Contractor to close Inside Eastbound/Westbound lane. Contractor to construct proposed median.



VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1M(3)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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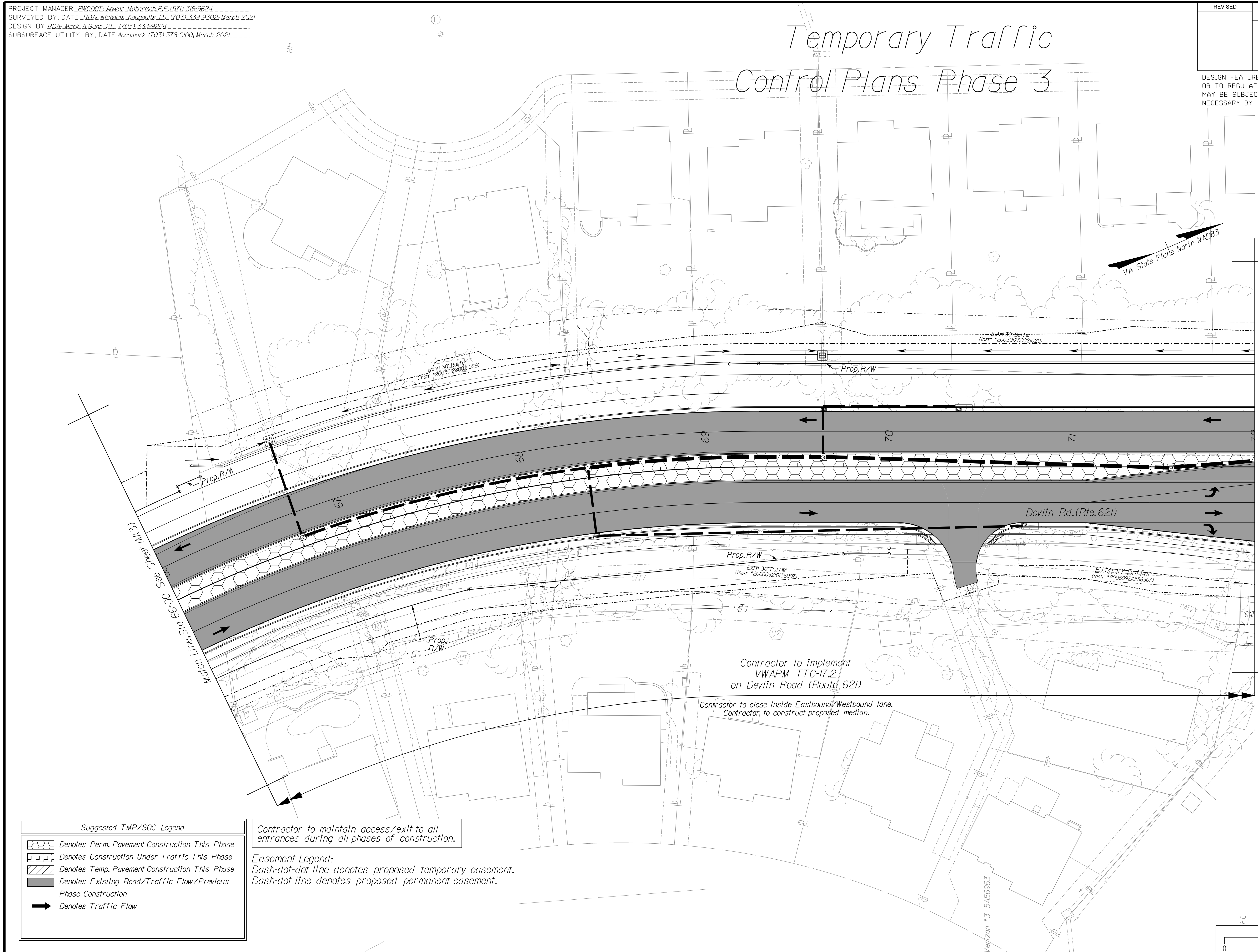
PH PLANS

PROJECT MANAGER: PWCDOT: Aowar, Motbarneh, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas Kougoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March, 2021

Temporary Traffic Control Plans Phase 3

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	1M(4)

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



Match Line Sta. 66+00 See Sheet 1M(3)

Match Line, Sta. 72+00 See Sheet 1M(5)

Contractor to implement VWAPM TTC-17.2 on Devlin Road (Route 621)

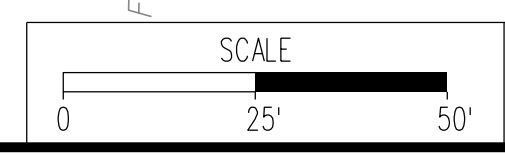
Contractor to close inside Eastbound/Westbound lane.
Contractor to construct proposed median.

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
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Suggested TMP/SOC Legend

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VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1M(4)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

NOVA DISTRICT

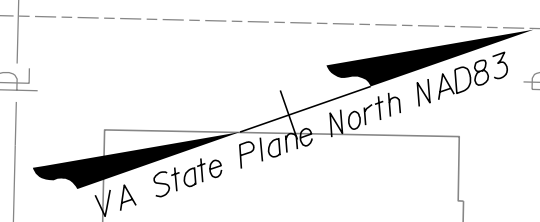
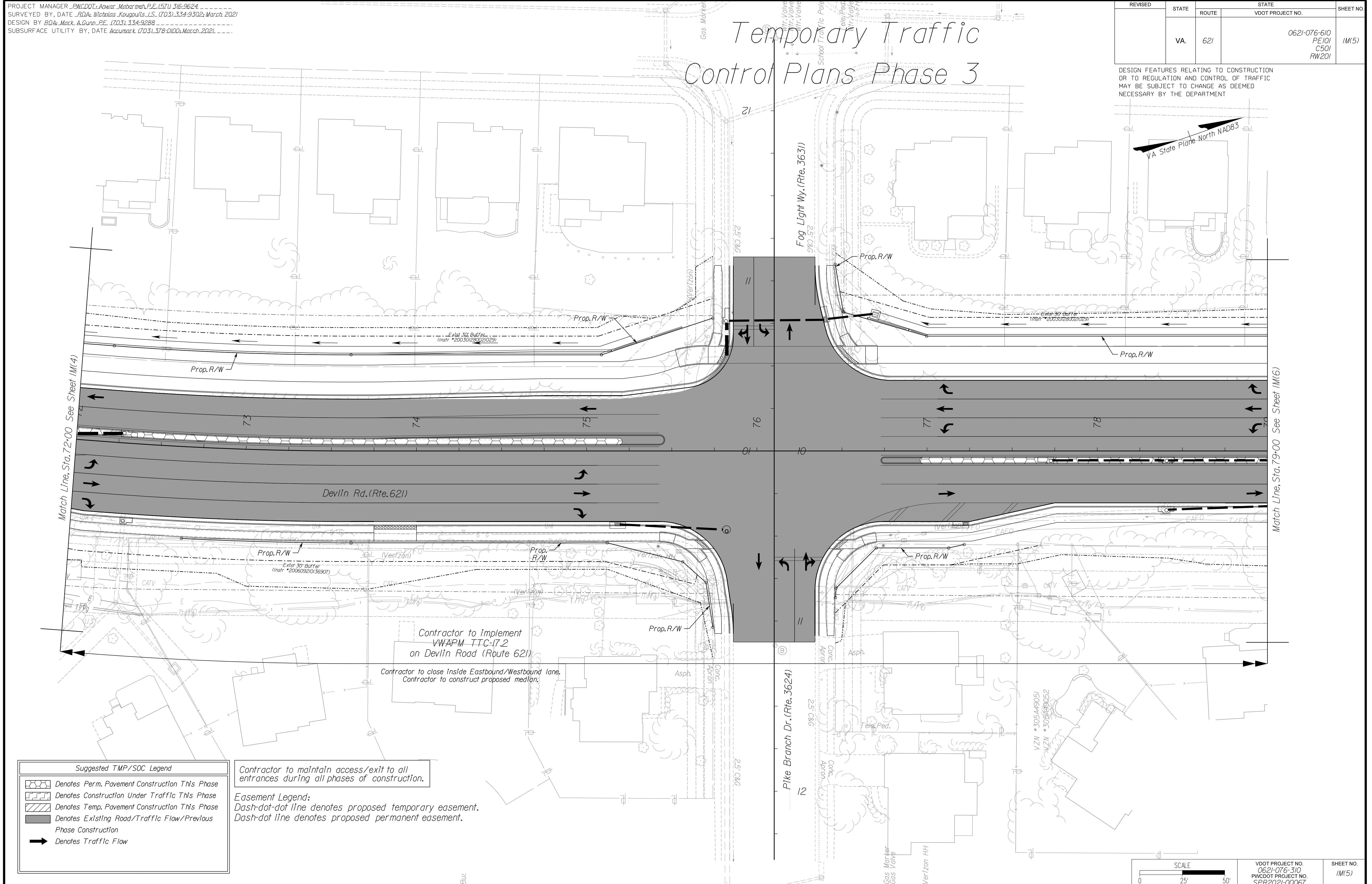
12/8/2021

PROJECT MANAGER PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_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 CS01 RW201	11(5)

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

Temporary Traffic Control Plans Phase 3



NOVA DISTRICT

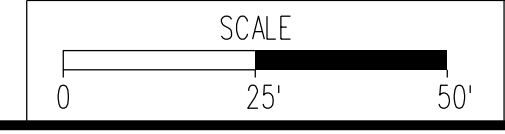
Suggested TMP/SOC Legend

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- Denotes Traffic Flow

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.

Contractor to implement VWAPM TTC-17.2 on Devlin Road (Route 621)
Contractor to close inside Eastbound/Westbound lane.
Contractor to construct proposed median.



VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11(5)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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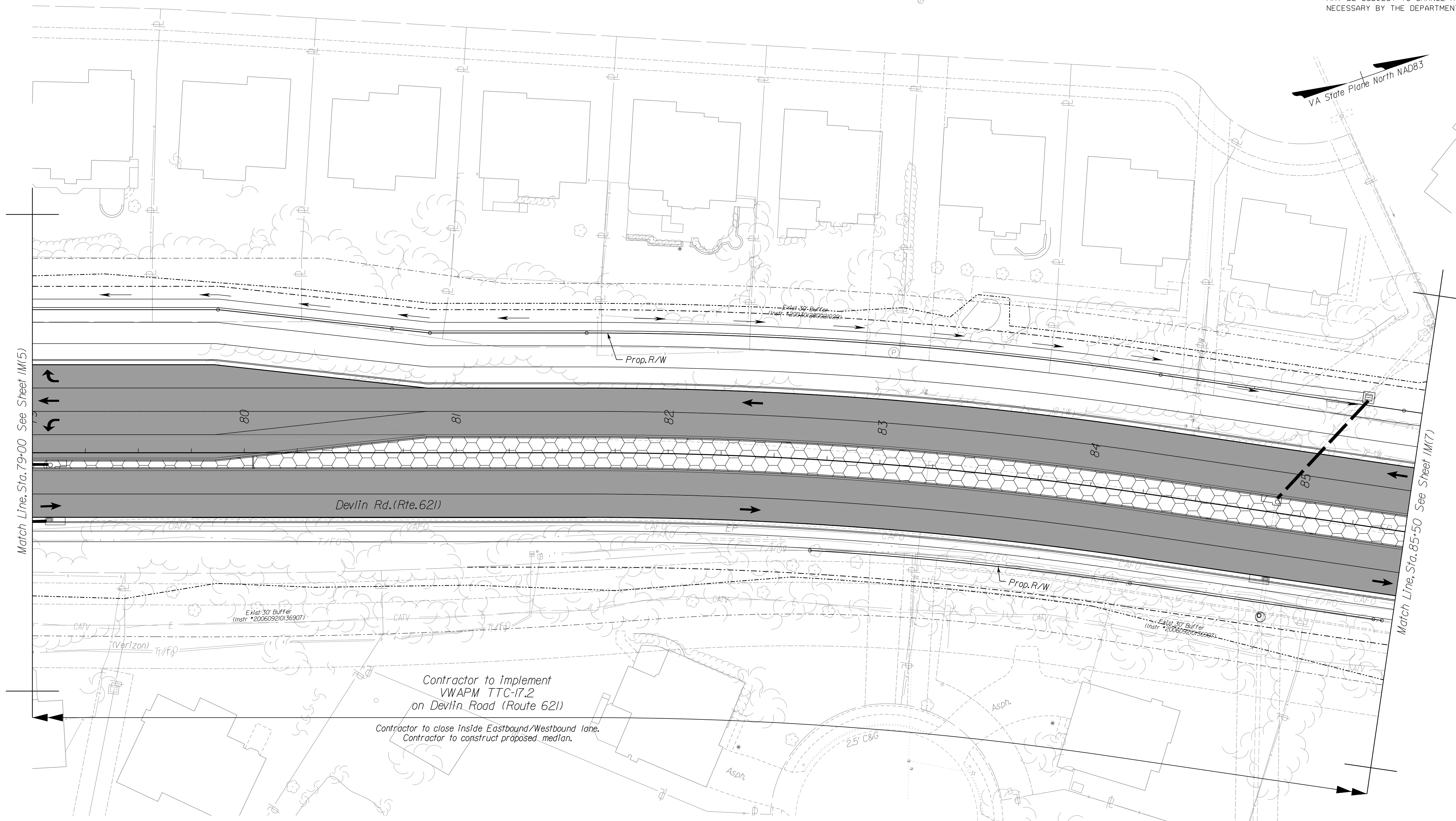
PH PLANS

PROJECT MANAGER_PWCDDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

Temporary Traffic Control Plans Phase 3

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	1M(6)

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

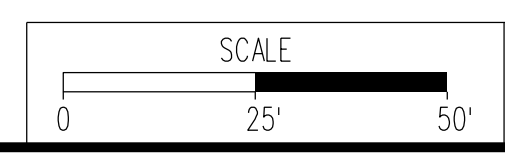
Suggested TMP/SOC Legend

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Dash-dot line denotes proposed permanent easement.

Contractor to implement VWAPM TTC-17.2 on Devlin Road (Route 621)
Contractor to close inside Eastbound/Westbound lane.
Contractor to construct proposed median.



VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1M(6)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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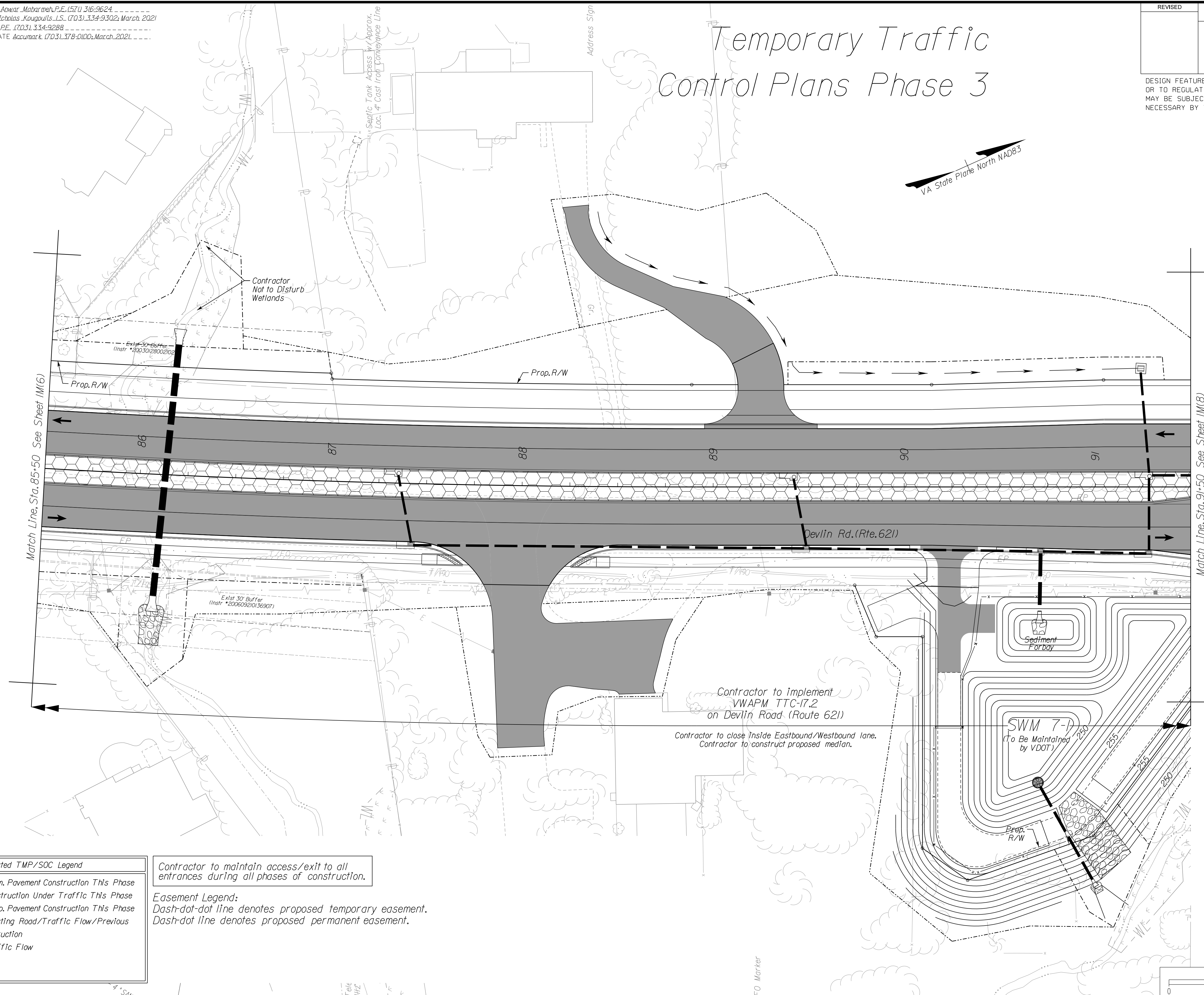
PH PLANS

PROJECT MANAGER: *PWC DOT: Aowar_Mohamed, P.E. (571) 316-9624*
 SURVEYED BY, DATE: *RDA: Nicholas_Kougoulis, LS (703) 334-9302; March 2021*
 DESIGN BY: *RDA: Mack_A.Gunn, P.E. (703) 334-9288*
 SUBSURFACE UTILITY BY, DATE: *Accurmark (703) 378-0100; March 2021*

REVISED	STATE		STATE		SHEET NO.
	ROUTE	VDOT PROJECT NO.	VDOT PROJECT NO.	VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 RW201		IM(7)

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

Temporary Traffic Control Plans Phase 3



NOVA DISTRICT

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PH PLANS

SCALE: 0 25' 50'

VDOT PROJECT NO. 0621-076-310
 PWC DOT PROJECT NO. SPR2021-00067

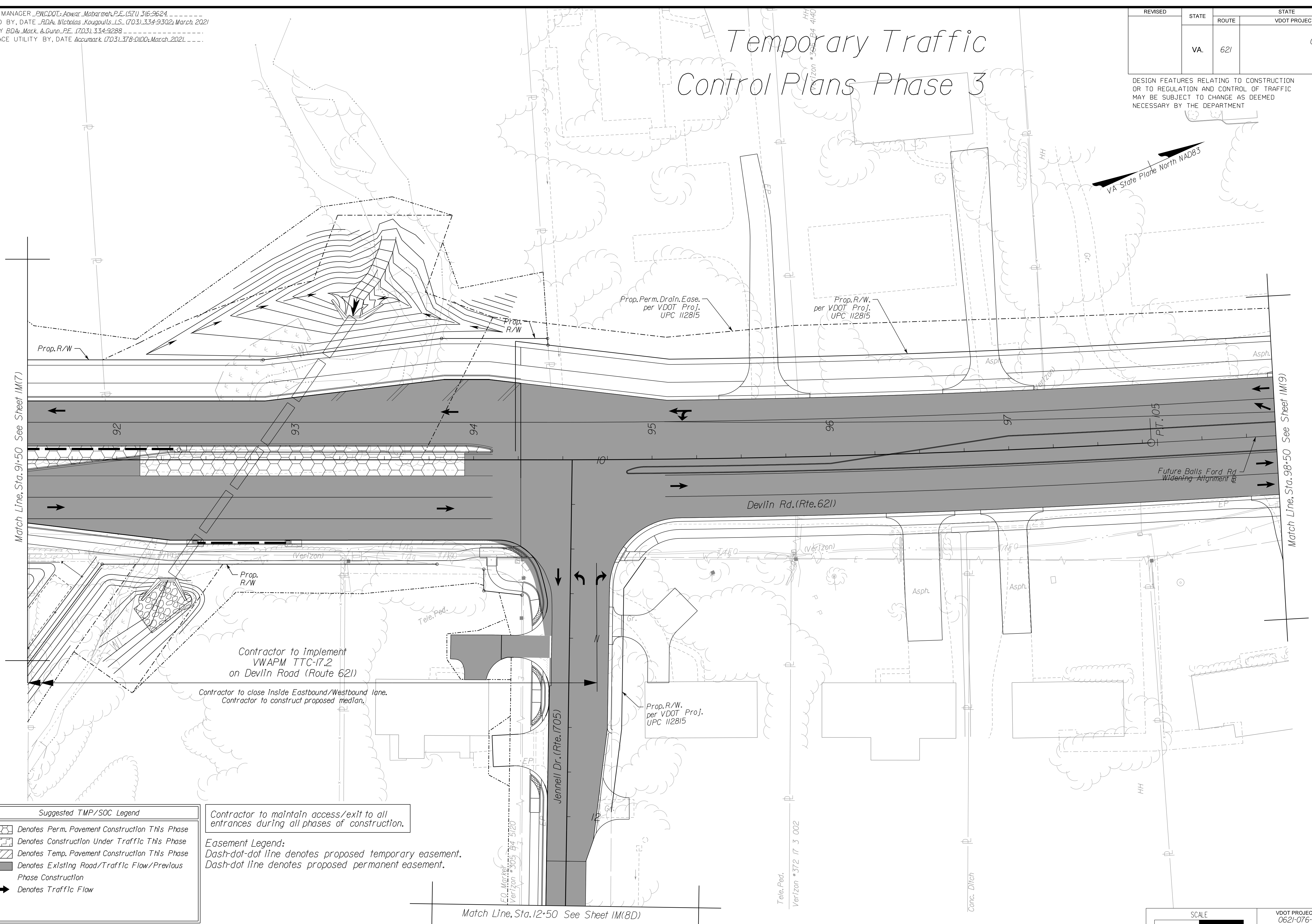
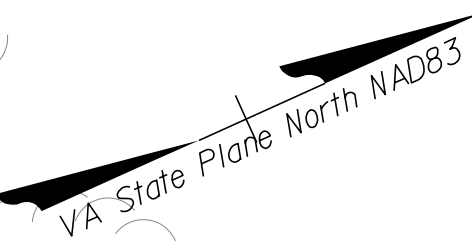
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PROJECT MANAGER_PWCDDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	1M(8)

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

Temporary Traffic Control Plans Phase 3



Match Line, Sta. 91+50 See Sheet 1M(7)

Match Line, Sta. 98+50 See Sheet 1M(9)

Match Line, Sta. 12+50 See Sheet 1M(8D)

NOVA DISTRICT

Suggested TMP/SOC Legend	
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Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
Dash-dot-dot line denotes proposed temporary easement.
Dash-dot line denotes proposed permanent easement.

Contractor to close Inside Eastbound/Westbound lane.
Contractor to construct proposed median.

Contractor to implement VWAPM TTC-17.2 on Devlin Road (Route 621)

12/8/2021

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

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VDOT PROJECT NO.	SHEET NO.
0621-076-310 PWCDDOT PROJECT NO. SPR2021-00067	1M(8)

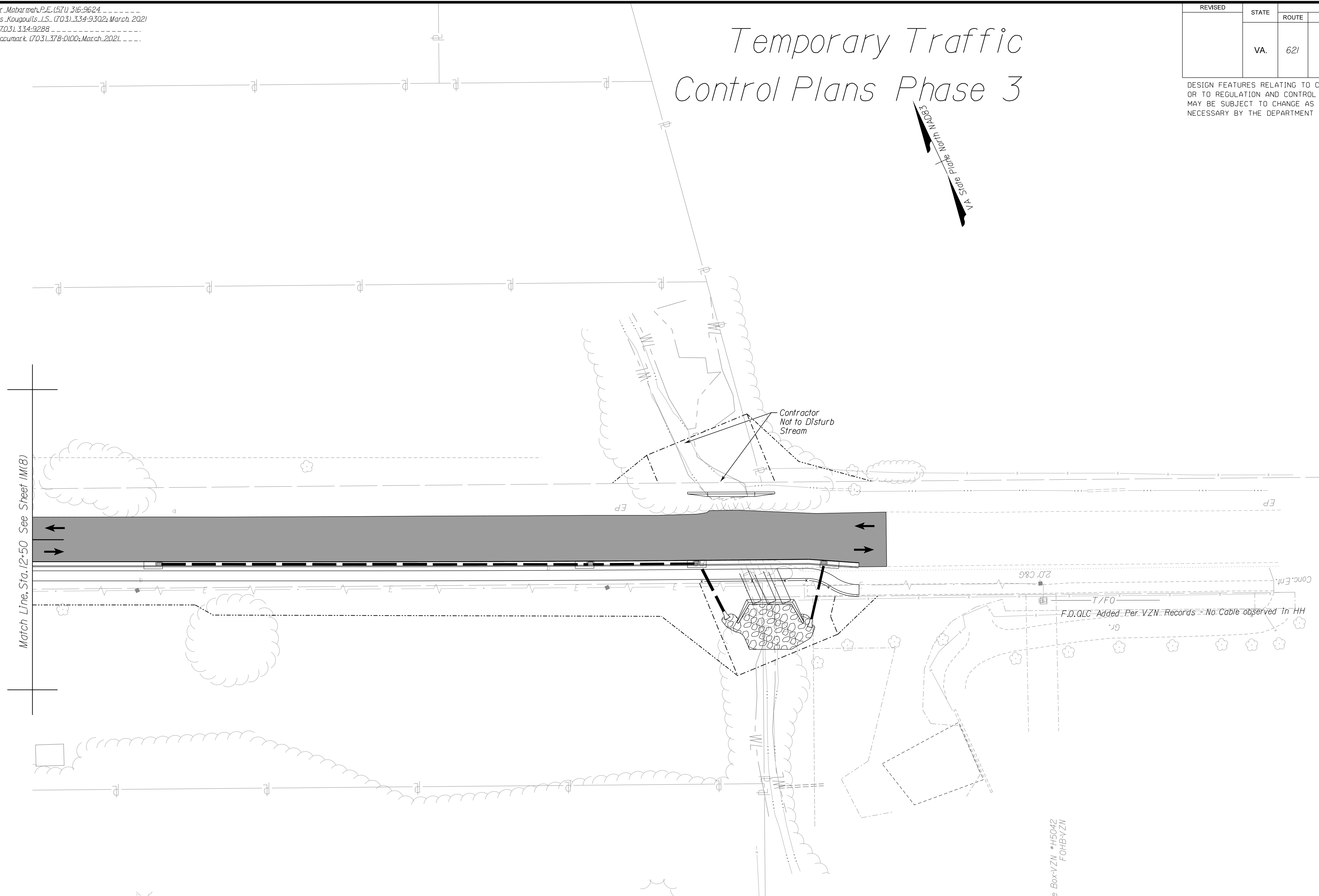
PH PLANS

PROJECT MANAGER: PWCDOT: Awwar, Motarneh, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March, 2021

REVISED	STATE	STATE		SHEET NO.
	ROUTE	VDOT PROJECT NO.		
	VA.	621	0621-076-610 PE101 CS01 RW201	1M(8D)

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

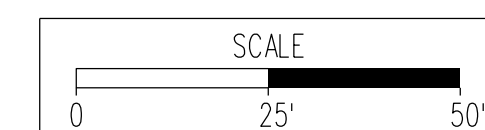
Temporary Traffic Control Plans Phase 3



Suggested TMP/SOC Legend	
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Easement Legend:
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Dash-dot line denotes proposed permanent easement.



VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1M(8D)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

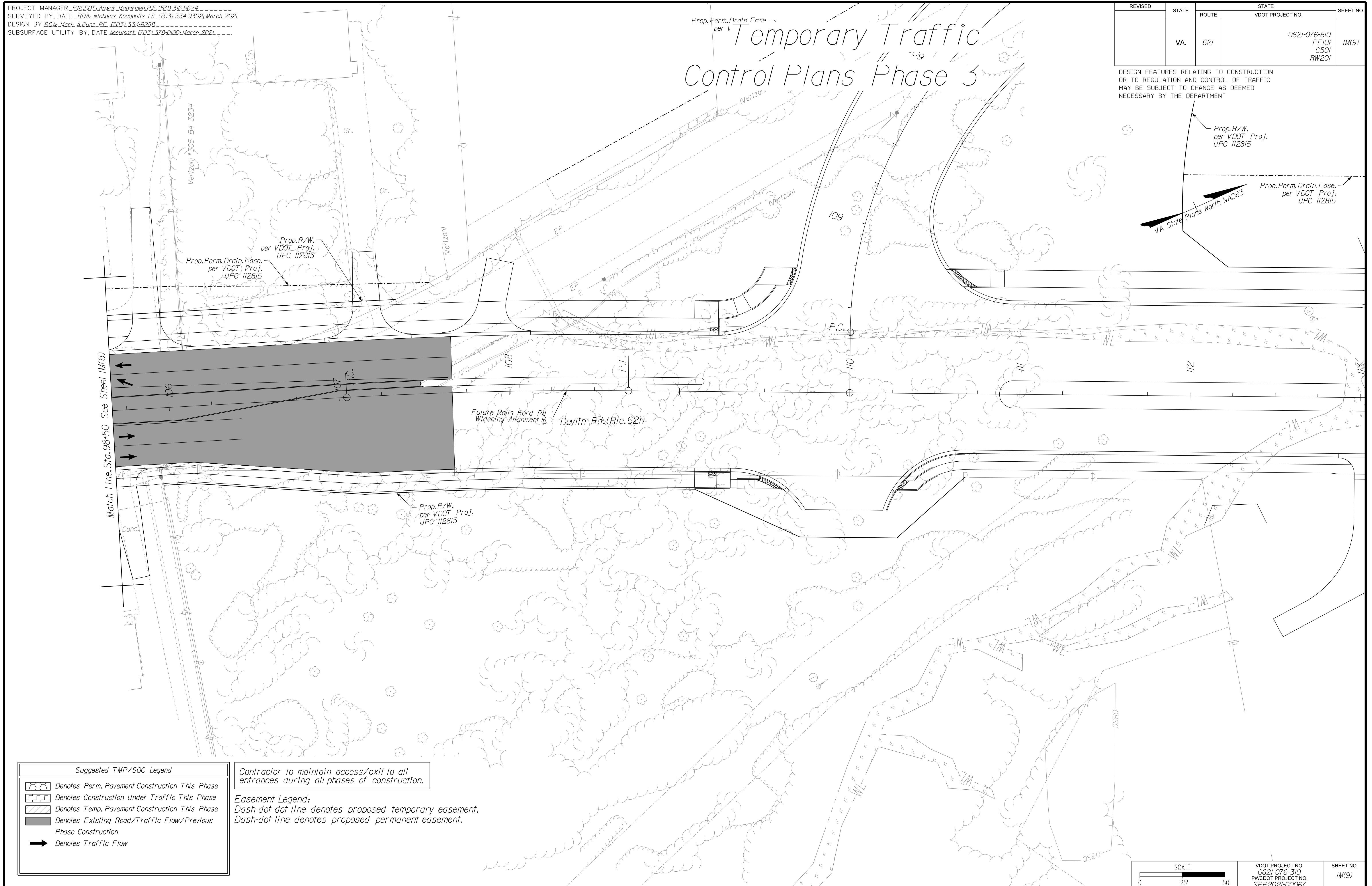
NOVA DISTRICT

PROJECT MANAGER: PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

Temporary Traffic Control Plans Phase 3

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	1M(9)

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

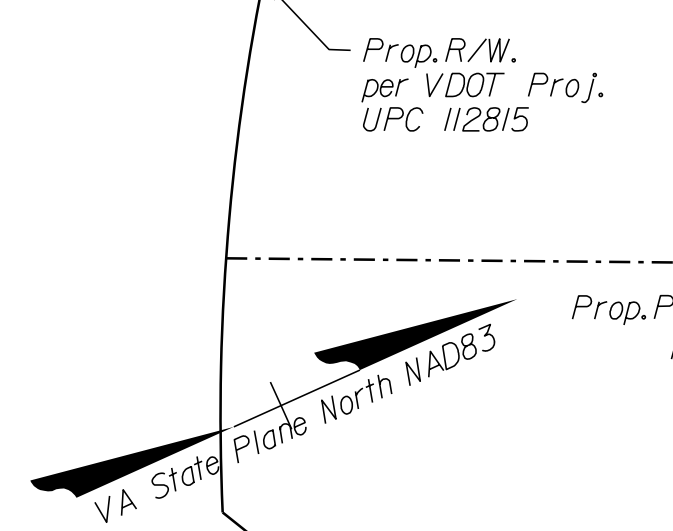


Match Line, Sta. 98+50 See Sheet 1M(8)

Prop. R/W. per VDOT Proj. UPC 112815
Prop. Perm. Drain. Ease. per VDOT Proj. UPC 112815

Prop. R/W. per VDOT Proj. UPC 112815

Future Ballis Ford Rd Widening Alignment @
Devlin Rd. (Rte. 621)

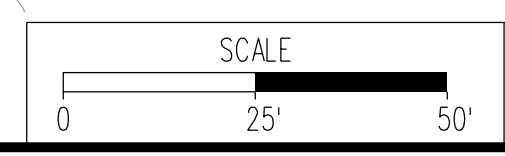


Suggested TMP/SOC Legend

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	Denotes Construction Under Traffic This Phase
	Denotes Temp. Pavement Construction This Phase
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	Denotes Traffic Flow

Contractor to maintain access/exit to all entrances during all phases of construction.

Easement Legend:
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VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1M(9)
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PH PLANS

NOVA DISTRICT

PROJECT MANAGER _PWCDDOT_Aowar_Motarmeh,P.E.(571)316-9624-----
SURVEYED BY, DATE _RDA_Nicholas_Kougoullis_LS_(703)334-9302;March,2021
DESIGN BY RDA_Mack_A.Gunn_P.E_(703)334-9288-----
SUBSURFACE UTILITY BY, DATE Accurmark_(703)378-0100;March,2021-----

Erosion and Sediment Control Plan Notes and Details

REVISED	STATE	STATE		SHEET NO.
		ROUTE	VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 RW201	IU

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

EROSION AND SEDIMENT CONTROL MINIMUM STANDARDS:

1. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR.
2. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCK PILES AND BORROW AREAS SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCK PILES ON SITE AS WELL AS BORROW AREAS AND SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
3. A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED THAT IS UNIFORM, MATURE ENOUGH TO SURVIVE AND WILL INHIBIT EROSION.
4. SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND-DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UPSLOPE LAND DISTURBANCE TAKES PLACE.
5. STABILIZATION MEASURES SHALL BE APPLIED TO EARTHEN STRUCTURES SUCH AS DAMS, DIKES AND DIVERSIONS IMMEDIATELY AFTER INSTALLATION.
6. SEDIMENT TRAPS AND SEDIMENT BASINS SHALL BE DESIGNED AND CONSTRUCTED BASED UPON THE TOTAL DRAINAGE AREA TO BE SERVED BY THE TRAP OR BASIN.
 - a. THE MINIMUM STORAGE CAPACITY OF A SEDIMENT TRAP SHALL BE 134 CUBIC YARDS PER ACRE OF DRAINAGE AREA AND THE TRAP SHALL ONLY CONTROL DRAINAGE AREAS LESS THAN THREE ACRES.
 - b. SURFACE RUNOFF FROM DISTURBED AREAS THAT IS COMPRISED OF FLOW FROM DRAINAGE AREAS GREATER THAN OR EQUAL TO THREE ACRES SHALL BE CONTROLLED BY A SEDIMENT BASIN. THE MINIMUM STORAGE CAPACITY OF A SEDIMENT BASIN SHALL BE 134 CUBIC YARDS PER ACRE OF DRAINAGE AREA. THE OUTFALL SYSTEM SHALL, AT A MINIMUM, MAINTAIN THE STRUCTURAL INTEGRITY OF THE BASIN DURING A 25-YEAR STORM OF 24-HOUR DURATION. RUNOFF COEFFICIENTS USED IN RUNOFF CALCULATIONS SHALL CORRESPOND TO A BARE EARTH CONDITION OR THOSE CONDITIONS EXPECTED TO EXIST WHILE THE SEDIMENT BASIN IS UTILIZED.
7. CUT AND FILL SLOPES SHALL BE DESIGNED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION. SLOPES THAT ARE FOUND TO BE ERODING EXCESSIVELY WITHIN ONE YEAR OF PERMANENT STABILIZATION SHALL BE PROVIDED WITH ADDITIONAL SLOPE STABILIZING MEASURES UNTIL THE PROBLEM IS CORRECTED.
8. CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME OR SLOPE DRAIN STRUCTURE.
9. WHENEVER WATER SEEPS FROM A SLOPE FACE, ADEQUATE DRAINAGE OR OTHER PROTECTION SHALL BE PROVIDED.
10. ALL STORM SEWER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
11. BEFORE NEWLY CONSTRUCTED STORMWATER CONVEYANCE CHANNELS OR PIPES ARE MADE OPERATIONAL, ADEQUATE OUTLET PROTECTION AND ANY REQUIRED TEMPORARY OR PERMANENT CHANNEL LINING SHALL BE INSTALLED IN BOTH THE CONVEYANCE CHANNEL AND RECEIVING CHANNEL.
12. WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION. NONERODIBLE MATERIAL SHALL BE USED FOR THE CONSTRUCTION OF CAUSEWAYS AND COFFERDAMS. EARTHEN FILL MAY BE USED FOR THESE STRUCTURES IF ARMORED BY NONERODIBLE COVER MATERIALS.
13. WHEN A LIVE WATERCOURSE MUST BE CROSSED BY CONSTRUCTION VEHICLES MORE THAN TWICE IN ANY SIX-MONTH PERIOD, A TEMPORARY VEHICULAR STREAM CROSSING CONSTRUCTED OF NONERODIBLE MATERIAL SHALL BE PROVIDED.
14. ALL APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS PERTAINING TO WORKING IN OR CROSSING LIVE WATERCOURSES SHALL BE MET.
15. THE BED AND BANKS OF A WATERCOURSE SHALL BE STABILIZED IMMEDIATELY AFTER WORK IN THE WATERCOURSE IS COMPLETED.
16. UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:
 - a. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.
 - b. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
 - c. EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY.
 - d. MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.
 - e. RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THIS CHAPTER.
 - f. APPLICABLE SAFETY REQUIREMENTS SHALL BE COMPLIED WITH.

17. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED OR PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY VEHICULAR TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PAVED OR PUBLIC ROAD SURFACE, THE ROAD SURFACE SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL DEVELOPMENT LOTS AS WELL AS TO LARGER LAND-DISTURBING ACTIVITIES.
18. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 14 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE VESCP AUTHORITY. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.
19. PROPERTIES AND WATERWAYS DOWNSTREAM FROM DEVELOPMENT SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION, EROSION AND DAMAGE DUE TO INCREASES IN VOLUME, VELOCITY AND PEAK FLOW RATE OF STORMWATER RUNOFF FOR THE STATED FREQUENCY STORM OF 24-HOUR DURATION IN ACCORDANCE WITH THE FOLLOWING STANDARDS AND CRITERIA. STREAM RESTORATION AND RELOCATION PROJECTS THAT INCORPORATE NATURAL CHANNEL DESIGN CONCEPTS ARE NOT MAN-MADE CHANNELS AND SHALL BE EXEMPT FROM ANY FLOW RATE CAPACITY AND VELOCITY REQUIREMENTS FOR NATURAL OR MAN-MADE CHANNELS:
 - a. CONCENTRATED STORMWATER RUNOFF LEAVING A DEVELOPMENT SITE SHALL BE DISCHARGED DIRECTLY INTO AN ADEQUATE NATURAL OR MAN-MADE RECEIVING CHANNEL, PIPE OR STORM SEWER SYSTEM. FOR THOSE SITES WHERE RUNOFF IS DISCHARGED INTO A PIPE OR PIPE SYSTEM, DOWNSTREAM STABILITY ANALYSES AT THE OUTFALL OF THE PIPE OR PIPE SYSTEM SHALL BE PERFORMED.
 - b. ADEQUACY OF ALL CHANNELS AND PIPES SHALL BE VERIFIED IN THE FOLLOWING MANNER:
 - (1) THE APPLICANT SHALL DEMONSTRATE THAT THE TOTAL DRAINAGE AREA TO THE POINT OF ANALYSIS WITHIN THE CHANNEL IS 100 TIMES GREATER THAN THE CONTRIBUTING DRAINAGE AREA OF THE PROJECT IN QUESTION;
 - (2) NATURAL CHANNELS SHALL BE ANALYZED BY THE USE OF A TWO-YEAR STORM TO VERIFY THAT STORMWATER WILL NOT OVERTOP CHANNEL BANKS NOR CAUSE EROSION OF CHANNEL BED OR BANKS. ALL PREVIOUSLY CONSTRUCTED MAN-MADE CHANNELS SHALL BE ANALYZED BY THE USE OF A 10-YEAR STORM TO VERIFY THAT STORMWATER WILL NOT OVERTOP ITS BANKS AND BY THE USE OF A TWO-YEAR STORM TO DEMONSTRATE THAT STORMWATER WILL NOT CAUSE EROSION OF CHANNEL BED OR BANKS; AND PIPES AND STORM SEWER SYSTEMS SHALL BE ANALYZED BY THE USE OF A 10-YEAR STORM TO VERIFY THAT STORMWATER WILL BE CONTAINED WITHIN THE PIPE OR SYSTEM.
 - c. IF EXISTING NATURAL RECEIVING CHANNELS OR PREVIOUSLY CONSTRUCTED MAN-MADE CHANNELS OR PIPES ARE NOT ADEQUATE, THE APPLICANT SHALL:
 - (1) IMPROVE THE CHANNELS TO A CONDITION WHERE A 10-YEAR STORM WILL NOT OVERTOP THE BANKS AND A TWO-YEAR STORM WILL NOT CAUSE EROSION TO THE CHANNEL, THE BED, OR THE BANKS;
 - (2) IMPROVE THE PIPE OR PIPE SYSTEM TO A CONDITION WHERE THE 10-YEAR STORM IS CONTAINED WITHIN THE APPURTENANCES;
 - (3) DEVELOP A SITE DESIGN THAT WILL NOT CAUSE THE PRE-DEVELOPMENT PEAK RUNOFF RATE FROM A TWO-YEAR STORM TO INCREASE WHEN RUNOFF OUTFALLS INTO A NATURAL CHANNEL OR WILL NOT CAUSE THE PRE-DEVELOPMENT PEAK RUNOFF RATE FROM A 10-YEAR STORM TO INCREASE WHEN RUNOFF OUTFALLS INTO A MAN-MADE CHANNEL; OR
 - (4) PROVIDE A COMBINATION OF CHANNEL IMPROVEMENT, STORMWATER DETENTION OR OTHER MEASURES WHICH IS SATISFACTORY TO THE VESCP AUTHORITY TO PREVENT DOWNSTREAM EROSION.
 - d. THE APPLICANT SHALL PROVIDE EVIDENCE OF PERMISSION TO MAKE THE IMPROVEMENTS.
 - e. ALL HYDROLOGIC ANALYSES SHALL BE BASED ON EXISTING WATERSHED CHARACTERISTICS AND THE ULTIMATE DEVELOPMENT CONDITION OF THE SUBJECT PROJECT.
 - f. IF THE APPLICANT CHOOSES AN OPTION THAT INCLUDES STORMWATER DETENTION, HE SHALL OBTAIN APPROVAL FROM THE VESCP OF A PLAN FOR MAINTENANCE OF THE DETENTION FACILITIES. THE PLAN SHALL SET FORTH THE MAINTENANCE REQUIREMENTS OF THE FACILITY AND THE PERSON RESPONSIBLE FOR PERFORMING THE MAINTENANCE.
 - g. OUTFALL FROM A DETENTION FACILITY SHALL BE DISCHARGED TO A RECEIVING CHANNEL AND ENERGY DISSIPATORS SHALL BE PLACED AT THE OUTFALL OF ALL DETENTION FACILITIES AS NECESSARY TO PROVIDE A STABILIZED TRANSITION FROM THE FACILITY TO THE RECEIVING CHANNEL.
 - h. ALL ON-SITE CHANNELS MUST BE VERIFIED TO BE ADEQUATE.
 - i. INCREASED VOLUMES OF SHEET FLOWS THAT MAY CAUSE EROSION OR SEDIMENTATION ON ADJACENT PROPERTY SHALL BE DIVERTED TO A STABLE OUTLET, ADEQUATE CHANNEL, PIPE OR PIPE SYSTEM, OR TO A DETENTION FACILITY.
 - j. IN APPLYING THESE STORMWATER MANAGEMENT CRITERIA, INDIVIDUAL LOTS OR PARCELS IN A RESIDENTIAL, COMMERCIAL OR INDUSTRIAL DEVELOPMENT SHALL NOT BE CONSIDERED TO BE SEPARATE DEVELOPMENT PROJECTS. INSTEAD, THE DEVELOPMENT, AS A WHOLE, SHALL BE CONSIDERED TO BE A SINGLE DEVELOPMENT PROJECT. HYDROLOGIC PARAMETERS THAT REFLECT THE ULTIMATE DEVELOPMENT CONDITION SHALL BE USED IN ALL ENGINEERING CALCULATIONS.
 - k. ALL MEASURES USED TO PROTECT PROPERTIES AND WATERWAYS SHALL BE EMPLOYED IN A MANNER WHICH MINIMIZES IMPACTS ON THE PHYSICAL, CHEMICAL AND BIOLOGICAL INTEGRITY OF RIVERS, STREAMS AND OTHER WATERS OF THE STATE.

1. ANY PLAN APPROVED PRIOR TO JULY 1, 2014, THAT PROVIDES FOR STORMWATER MANAGEMENT THAT ADDRESSES ANY FLOW RATE CAPACITY AND VELOCITY REQUIREMENTS FOR NATURAL OR MAN-MADE CHANNELS SHALL SATISFY THE FLOW RATE CAPACITY AND VELOCITY REQUIREMENTS FOR NATURAL OR MAN-MADE CHANNELS IF THE PRACTICES ARE DESIGNED TO (I) DETAIN THE WATER QUALITY VOLUME AND TO RELEASE IT OVER 48 HOURS; (II) DETAIN AND RELEASE OVER A 24-HOUR PERIOD THE EXPECTED RAINFALL RESULTING FROM THE ONE YEAR, 24-HOUR STORM; AND (III) REDUCE THE ALLOWABLE PEAK FLOW RATE RESULTING FROM THE 15, 2, AND 10-YEAR, 24-HOUR STORMS TO A LEVEL THAT IS LESS THAN OR EQUAL TO THE PEAK FLOW RATE FROM THE SITE ASSUMING IT WAS IN A GOOD FORESTED CONDITION, ACHIEVED THROUGH MULTIPLICATION OF THE FORESTED PEAK FLOW RATE BY A REDUCTION FACTOR THAT IS EQUAL TO THE RUNOFF VOLUME FROM THE SITE WHEN IT WAS IN A GOOD FORESTED CONDITION DIVIDED BY THE RUNOFF VOLUME FROM THE SITE IN ITS PROPOSED CONDITION, AND SHALL BE EXEMPT FROM ANY FLOW RATE CAPACITY AND VELOCITY REQUIREMENTS FOR NATURAL OR MAN-MADE CHANNELS AS DEFINED IN ANY REGULATIONS PROMULGATED PURSUANT TO § 62J-44J5:54 OR 62J-44J5:65 OF THE ACT.
- m. FOR PLANS APPROVED ON AND AFTER JULY 1, 2014, THE FLOW RATE CAPACITY AND VELOCITY REQUIREMENTS OF § 62J-44J5:52 A OF THE ACT AND THIS SUBSECTION SHALL BE SATISFIED BY COMPLIANCE WITH WATER QUANTITY REQUIREMENTS IN THE STORMWATER MANAGEMENT ACT (§ 62J-44J5:24 ET SEQ. OF THE CODE OF VIRGINIA) AND ATTENDANT REGULATIONS, UNLESS SUCH LAND-DISTURBING ACTIVITIES (I) ARE IN ACCORDANCE WITH PROVISIONS FOR TIME LIMITS ON APPLICABILITY OF APPROVED DESIGN CRITERIA IN 9VAC25-870-47 OR GRANDFATHERING IN 9VAC25-870-48 OF THE VIRGINIA STORMWATER MANAGEMENT PROGRAM (VSMP) REGULATION, IN WHICH CASE THE FLOW RATE CAPACITY AND VELOCITY REQUIREMENTS OF § 62J-44J5:52 A OF THE ACT SHALL APPLY, OR (II) ARE EXEMPT PURSUANT TO § 62J-44J5:34 C 7 OF THE ACT.
- n. COMPLIANCE WITH THE WATER QUANTITY MINIMUM STANDARDS SET OUT IN 9VAC25-870-66 OF THE VIRGINIA STORMWATER MANAGEMENT PROGRAM (VSMP) REGULATION SHALL BE DEEMED TO SATISFY THE REQUIREMENTS OF THIS SUBDIVISION 19.
 - a. TEMPORARY STONE CONSTRUCTION ENTRANCE:
A STABILIZED STONE PAD WITH A FILTER FABRIC UNDERLINER LOCATED AT POINTS OF VEHICULAR INGRESS AND EGRESS ON A CONSTRUCTION SITE. (PER VDOT STANDARD EC-II AND STD & SPEC 3.02 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK)
 - b. SAFETY FENCE TO BE INSTALLED AROUND ALL SEDIMENT BASINS AND WHERE DEEMED NECESSARY (STD & SPEC. 3.01 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK).

NOVA DISTRICT

12/8/2021

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PH PLANS

VDOT PROJECT NO. 0621-076-610 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. IU
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PROJECT MANAGER PWCDOT: Awwar, Motbar meh, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas Kougoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March, 2021

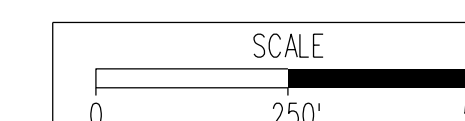
Soils Identification Map

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621			
				0621-076-610 PE101 CS01 RW201	1U(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

12/8/2021



VDOT PROJECT NO.
0621-076-610
PWCDOT PROJECT NO.
SPR2021-00067

SHEET NO.
1U(1)

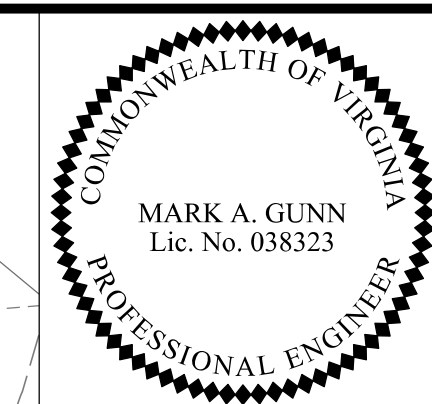
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PH PLANS

PROJECT MANAGER PWCDOT: Aowar_Mohamreh, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March, 2021

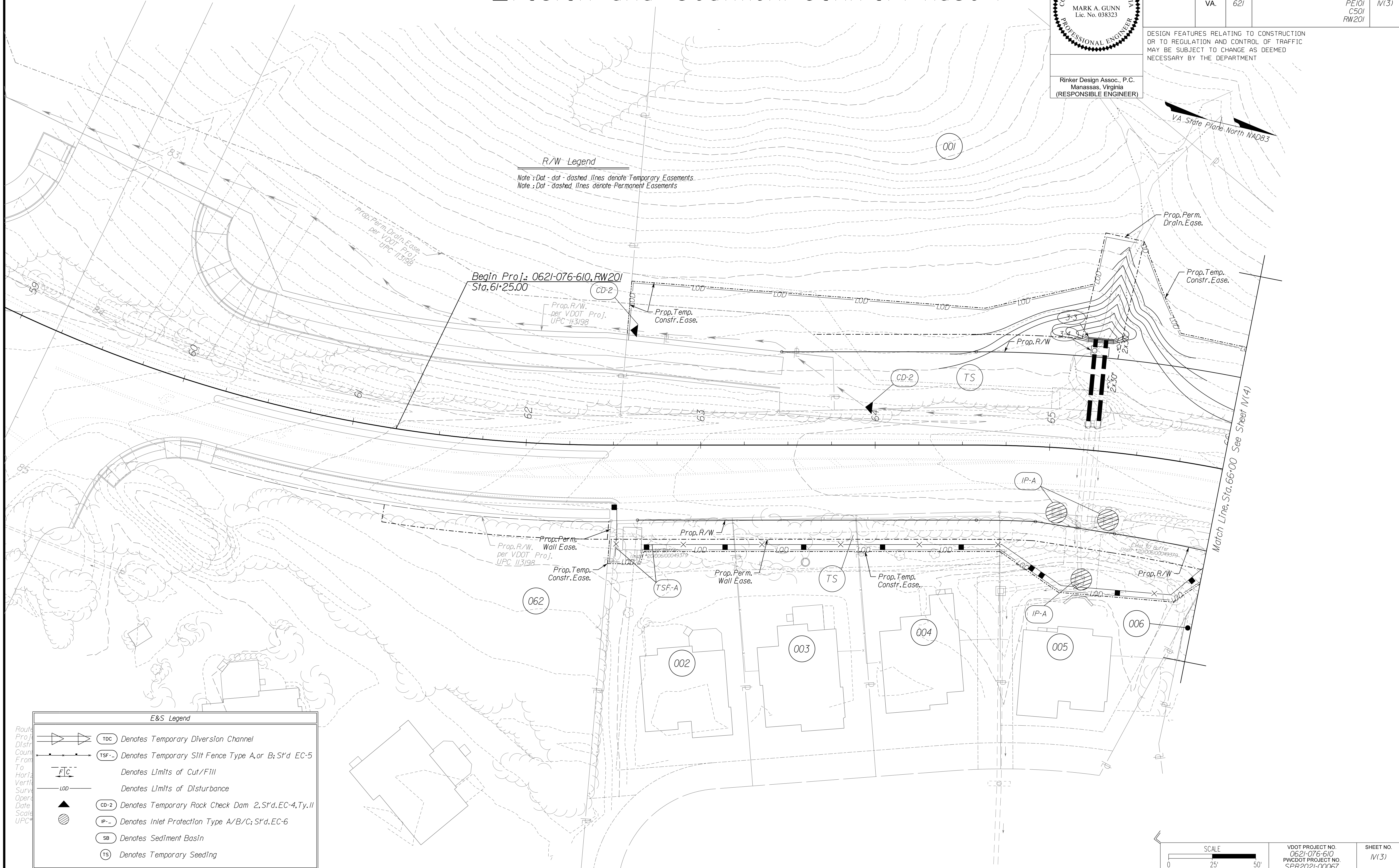
Erosion and Sediment Control Phase I



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

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	N(13)

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



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

NOVA DISTRICT

E&S Legend

	Denotes Temporary Diversion Channel
	Denotes Temporary Silt Fence Type A, or B; S'd EC-5
	Denotes Limits of Cut/Fill
	Denotes Limits of Disturbance
	Denotes Temporary Rock Check Dam 2, S'd EC-4, Ty. II
	Denotes Inlet Protection Type A/B/C; S'd EC-6
	Denotes Sediment Basin
	Denotes Temporary Seeding

SCALE 0 25' 50'

VDOT PROJECT NO. 0621-076-610
PWCDOT PROJECT NO. SPR2021-00067

SHEET NO. N(13)

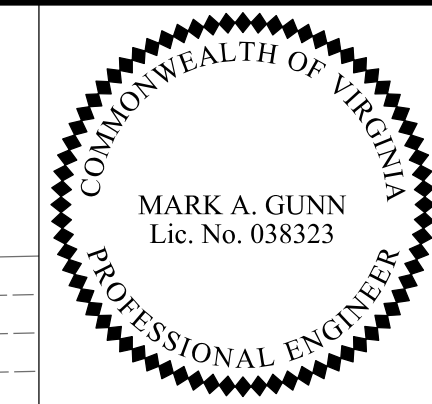
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PH PLANS

PROJECT MANAGER_PWCDDOT:Awad_Mohamed,P.E.(571)316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoullis,LS_(703)334-9302;March,2021
DESIGN BY_RDA: Mack_A.Gunn,P.E.(703)334-9288
SUBSURFACE UTILITY BY, DATE_Accumark_(703)378-0100;March,2021

Erosion and Sediment Control Phase I

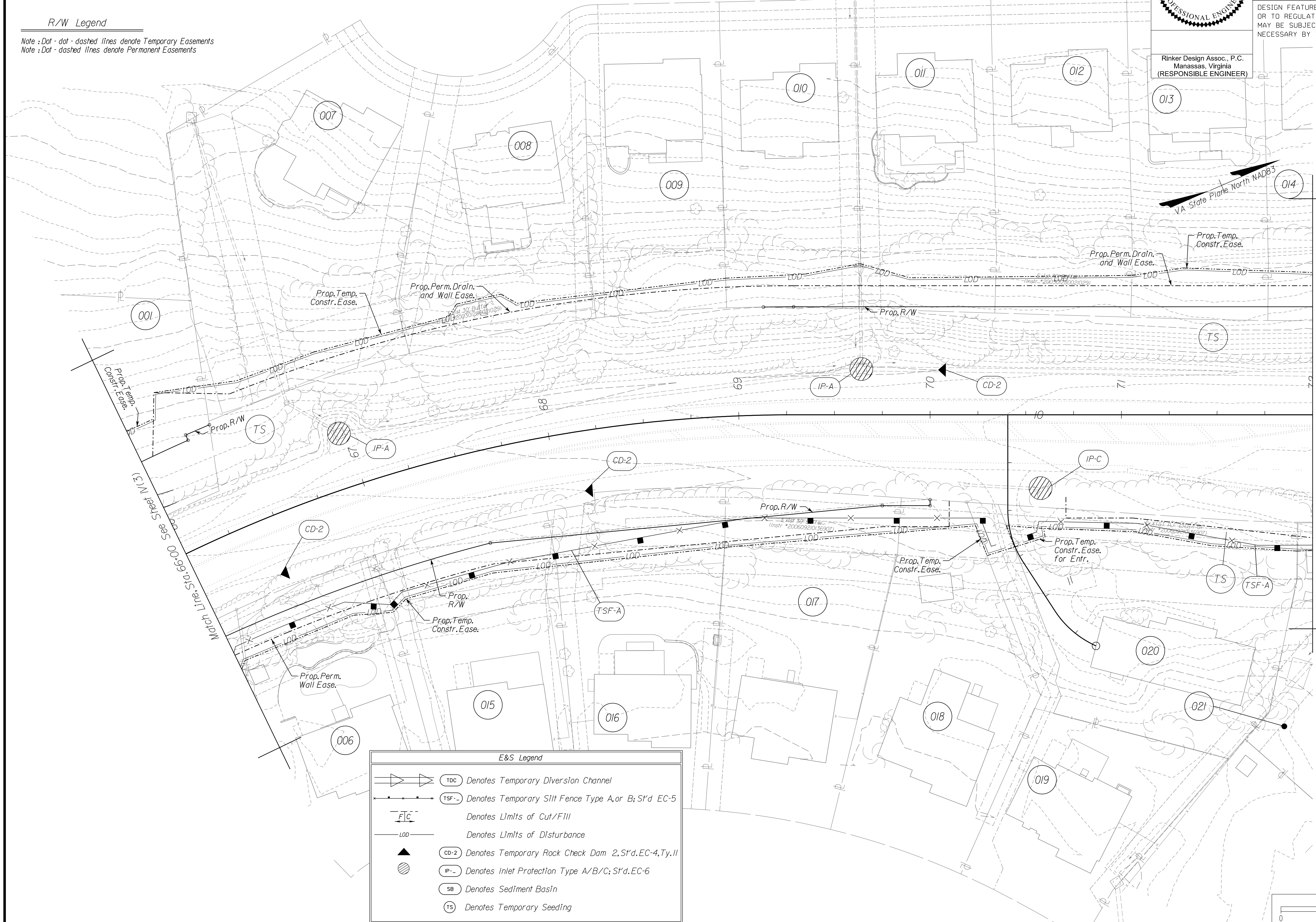


Rinker Design Assoc., P.C.
Manassas, Virginia
(RESPONSIBLE ENGINEER)

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	M(4)

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

R/W Legend
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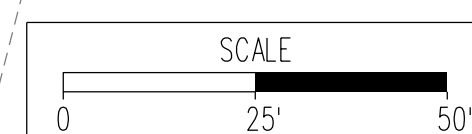


NOVA DISTRICT

12/8/2021

E&S Legend

	TDC	Denotes Temporary Diversion Channel
	TSF	Denotes Temporary Silt Fence Type A, or B; S't'd EC-5
	FIC	Denotes Limits of Cut/Fill
	LOD	Denotes Limits of Disturbance
	CD-2	Denotes Temporary Rock Check Dam 2,S't'd,EC-4,Ty.II
	IP	Denotes Inlet Protection Type A/B/C; S't'd,EC-6
	SB	Denotes Sediment Basin
	TS	Denotes Temporary Seeding



VDOT PROJECT NO. 0621-076-610 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. M(4)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

PROJECT MANAGER_PWCDDOT:Awwar_Mohamreh,P.E.(571)316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoultis,LS.(703)334-9302;March,2021
DESIGN BY_RDA: Mack_A.Gunn,P.E.(703)334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark.(703)378-0100;March,2021

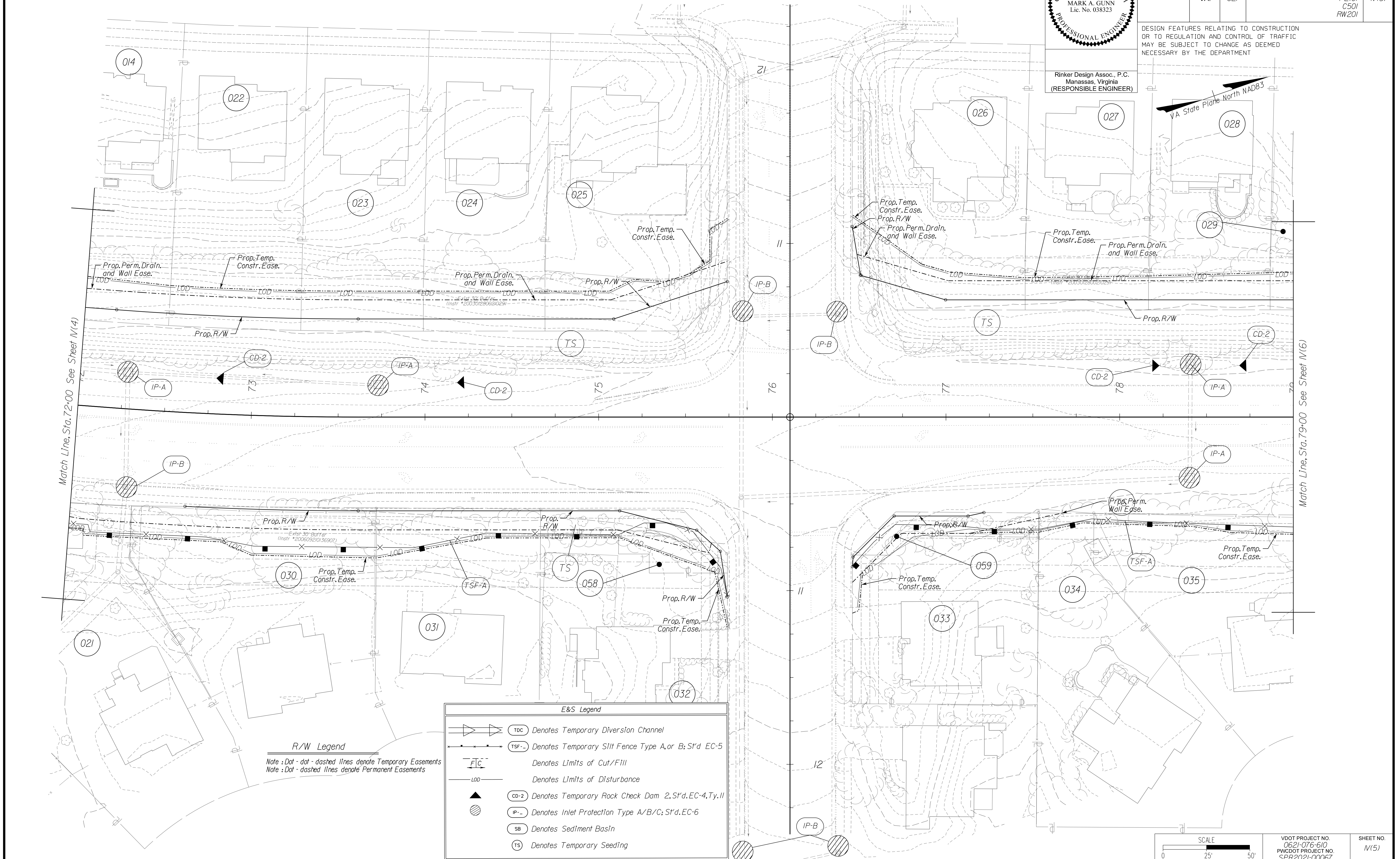
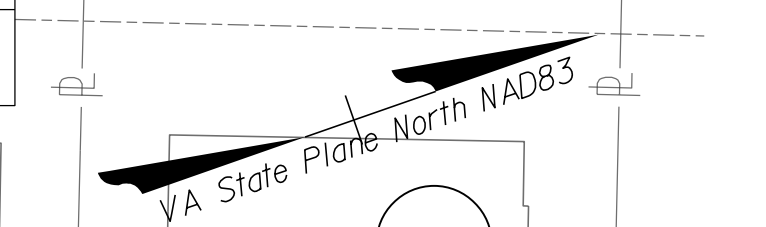
Erosion and Sediment Control Phase I



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

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	N(5)

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



E&S Legend

- TDC Denotes Temporary Diversion Channel
- TSF-A Denotes Temporary Silt Fence Type A; or B; S'd EC-5
- F/C Denotes Limits of Cut/Fill
- LOD Denotes Limits of Disturbance
- CD-2 Denotes Temporary Rock Check Dam 2; S'd EC-4, Ty. II
- IP-A Denotes Inlet Protection Type A/B/C; S'd EC-6
- SB Denotes Sediment Basin
- TS Denotes Temporary Seeding

R/W Legend

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PH PLANS

SCALE 0 25' 50'

VDOT PROJECT NO. 0621-076-610
PWCDDOT PROJECT NO. SPR2021-00067

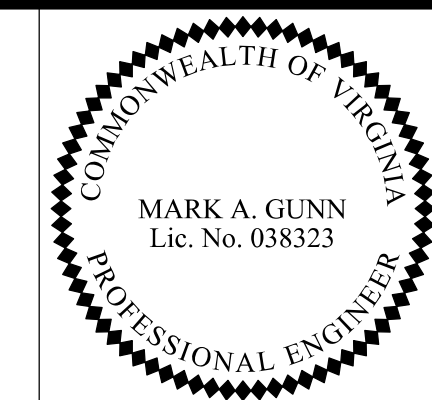
SHEET NO. N(5)

NOVA DISTRICT

12/8/2021

PROJECT MANAGER PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
 SURVEYED BY, DATE RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
 DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

Erosion and Sediment Control Phase I



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

REVISED	STATE	ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 CS01 RW201	11(6)

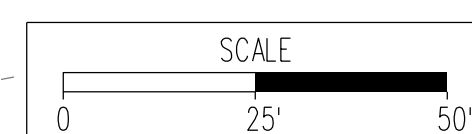
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



E&S Legend

	Denotes Temporary Diversion Channel
	Denotes Temporary Silt Fence Type A, or B; S'f'd EC-5
	Denotes Limits of Cut/Fill
	Denotes Limits of Disturbance
	Denotes Temporary Rock Check Dam, 2 S'f'd EC-4, Ty, II
	Denotes Inlet Protection Type A/B/C; S'f'd EC-6
	Denotes Sediment Basin
	Denotes Temporary Seeding

R/W Legend
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VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11(6)
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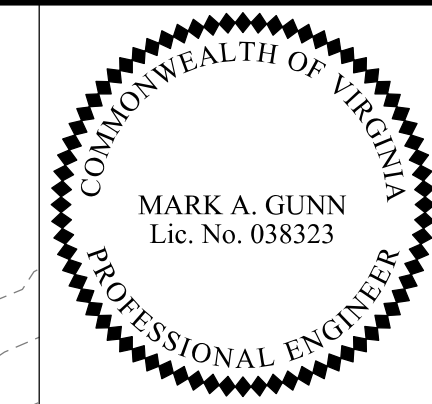
PH PLANS

NOVA DISTRICT

12/8/2021

PROJECT MANAGER: PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March, 2021

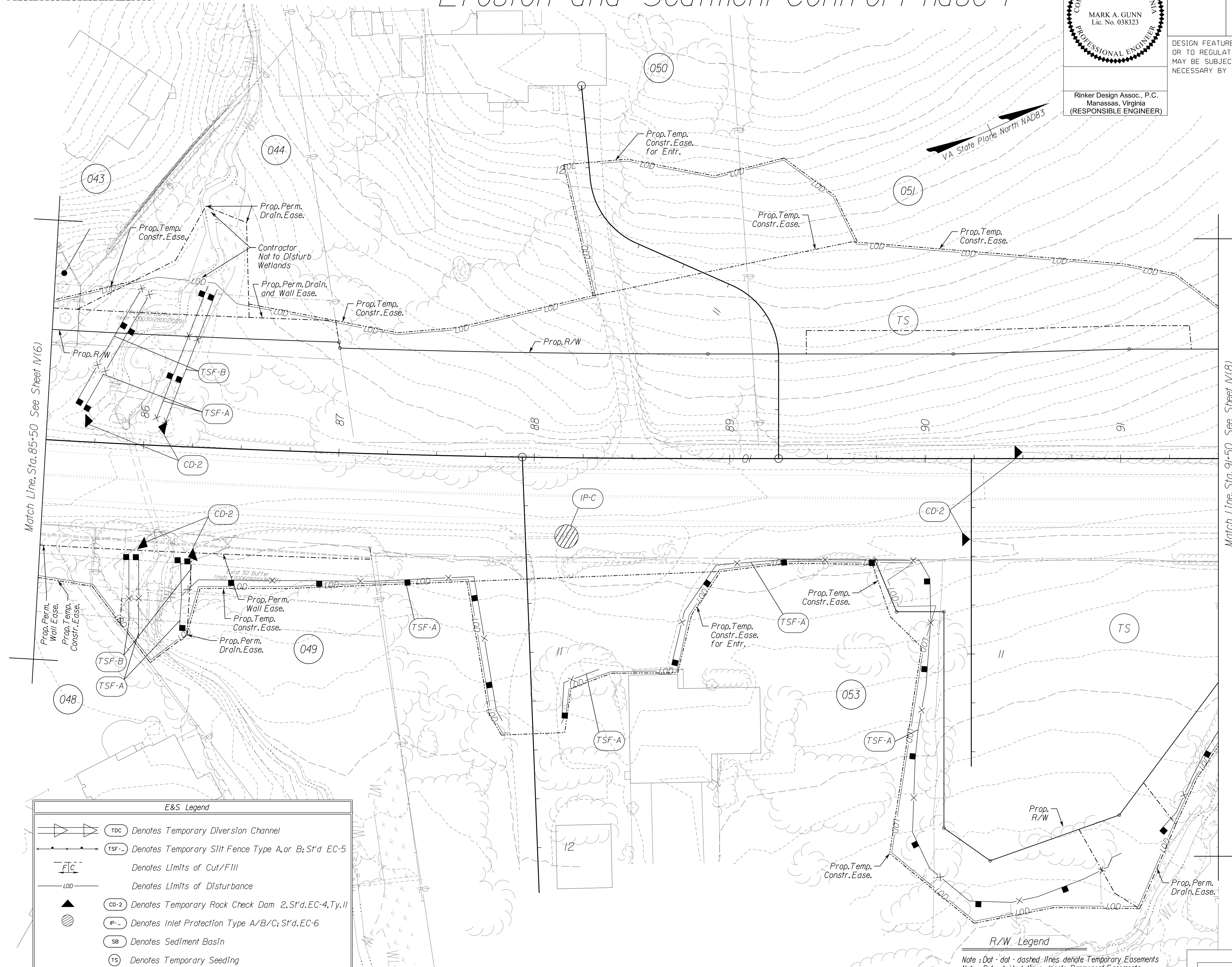
Erosion and Sediment Control Phase I



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

REVISED	STATE	ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 CS01 RW201	IV(7)

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

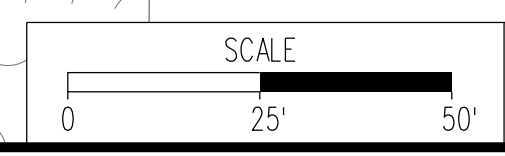


E&S Legend

- TDC Denotes Temporary Diversion Channel
- TSF- Denotes Temporary Silt Fence Type A, or B; S'd EC-5
- FIC Denotes Limits of Cut/Fill
- LOD Denotes Limits of Disturbance
- CD-2 Denotes Temporary Rock Check Dam 2, S'd EC-4, Ty. II
- IP-C Denotes Inlet Protection Type A/B/C; S'd EC-6
- SB Denotes Sediment Basin
- TS Denotes Temporary Seeding

R/W Legend

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



VDOT PROJECT NO. 0621-076-610
 PWCDOT PROJECT NO. SPR2021-00067
 SHEET NO. IV(7)

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.

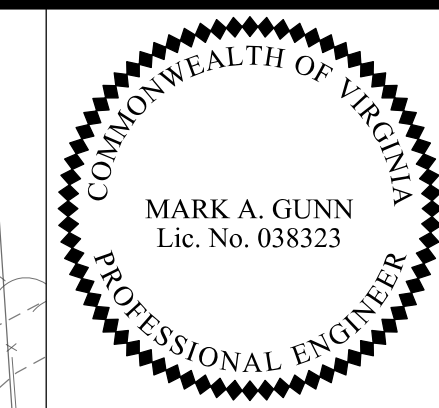
PH PLANS

NOVA DISTRICT

12/8/2021

PROJECT MANAGER: PWCDOT: Awwar, Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas Kouyoultis, LS (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

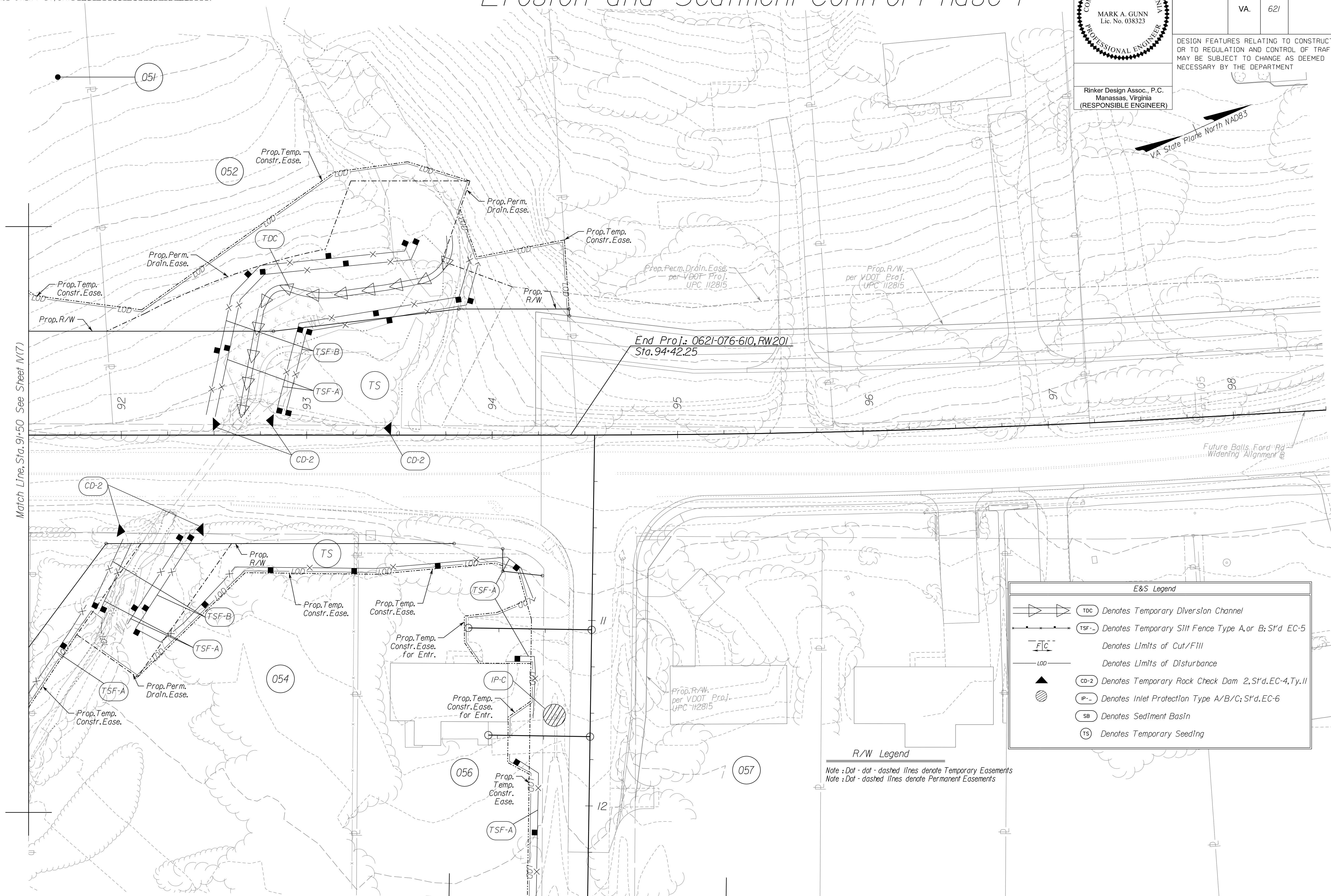
Erosion and Sediment Control Phase I



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

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	M(8)

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



Match Line, Sta. 91+50 See Sheet M(7)

End Proj.: 0621-076-610, RW201
Sta. 94+42.25

Future Balls Ford Rd Widening Alignment @

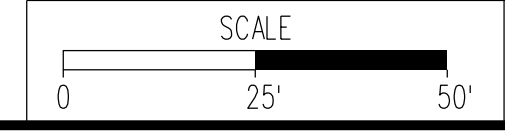
E&S Legend

	Denotes Temporary Diversion Channel
	Denotes Temporary Silt Fence Type A, or B; S'd EC-5
	Denotes Limits of Cut/Fill
	Denotes Limits of Disturbance
	Denotes Temporary Rock Check Dam, 2.5'd, EC-4, Ty. II
	Denotes Inlet Protection Type A/B/C; S'd EC-6
	Denotes Sediment Basin
	Denotes Temporary Seeding

R/W Legend

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

Match Line, Sta. 12+50 See Sheet IV(8D)



VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. M(8)
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PH PLANS

NOVA DISTRICT

PROJECT MANAGER PWCDOT: Awwar, Motarneh, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas Kouyoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

Erosion and Sediment Control Phase I

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621			
				0621-076-610 PE101 CS01 RW201	11(18D)

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



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

E&S Legend	
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	Denotes Temporary Silt Fence Type A, or B; S'd EC-5
	Denotes Limits of Cut/Fill
	Denotes Limits of Disturbance
	Denotes Temporary Rock Check Dam 2, S'd EC-4, Ty. II
	Denotes Inlet Protection Type A/B/C; S'd EC-6
	Denotes Sediment Basin
	Denotes Temporary Seeding

Match Line, Sta. 12+50 See Sheet 11(B)

NOVA DISTRICT

12/8/2021

SCALE 0 25' 50'	VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11(18D)
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PH PLANS

PROJECT MANAGER PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoulis, LS (703) 334-9302; March 2021
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SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March 2021

Erosion and Sediment Control Phase 2

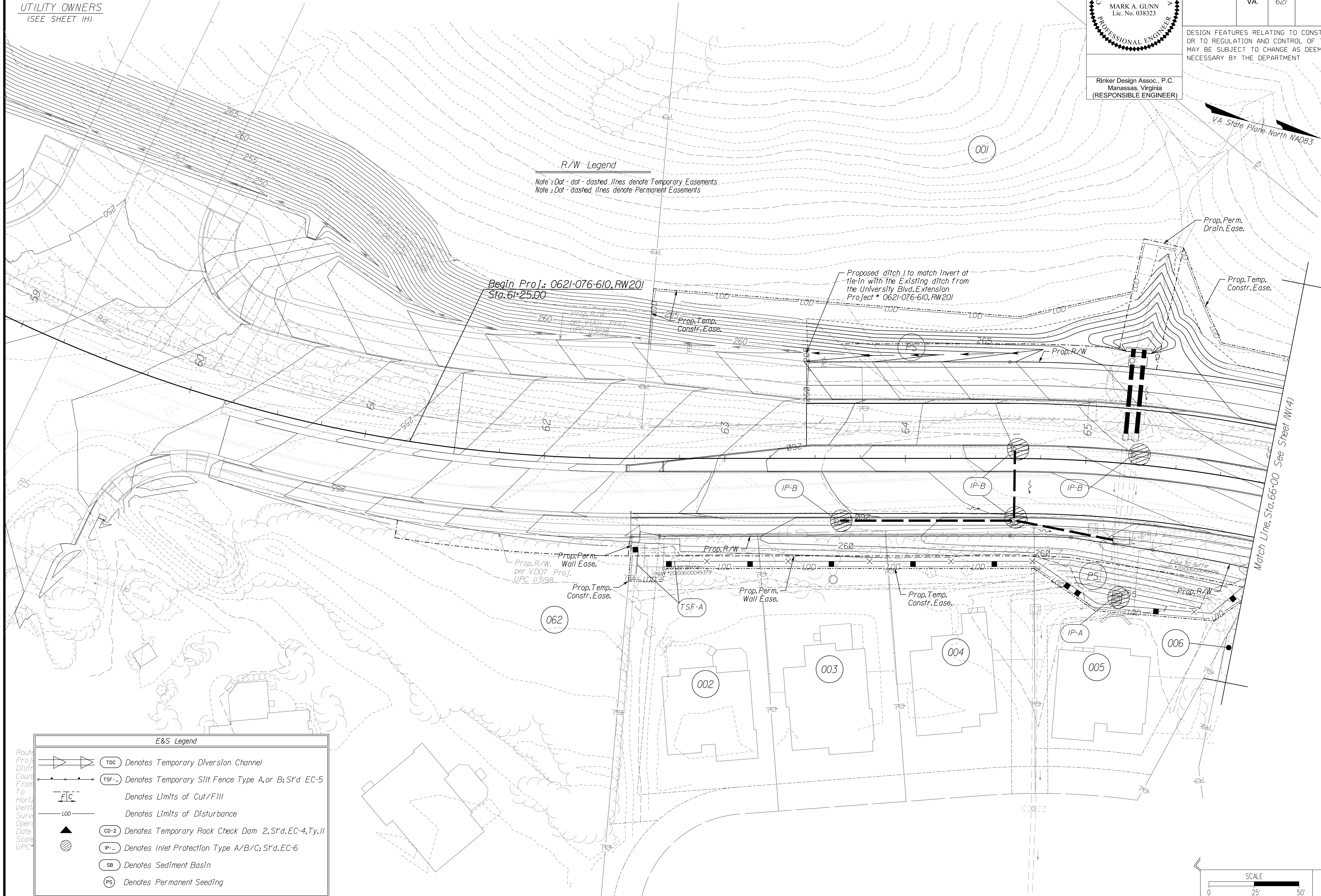
UTILITY OWNERS
(SEE SHEET 1H)



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

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	W(3)

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

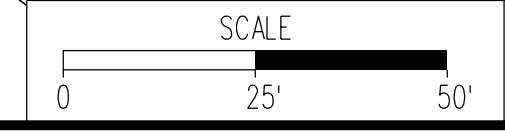


R/W Legend
 Note: Dot - dot - dashed lines denote Temporary Easements.
 Note: Dot - dashed lines denote Permanent Easements

NOVA DISTRICT

E&S Legend

	Denotes Temporary Diversion Channel
	Denotes Temporary Silt Fence Type A, or B; S'd EC-5
	Denotes Limits of Cut/Fill
	Denotes Limits of Disturbance
	Denotes Temporary Rock Check Dam 2, S'd EC-4, Ty. II
	Denotes Inlet Protection Type A/B/C; S'd EC-6
	Denotes Sediment Basin
	Denotes Permanent Seeding



VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. W(3)
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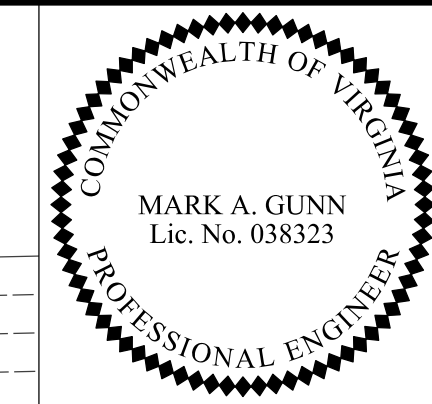
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PH PLANS

PROJECT MANAGER: PWCDOT: Aowar_Mohamreh, P.E. (571) 316-9624
 SURVEYED BY, DATE: RDA: Nicholas_Kougoultis, L.S. (703) 334-9302; March, 2021
 DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March, 2021

Erosion and Sediment Control Phase 2

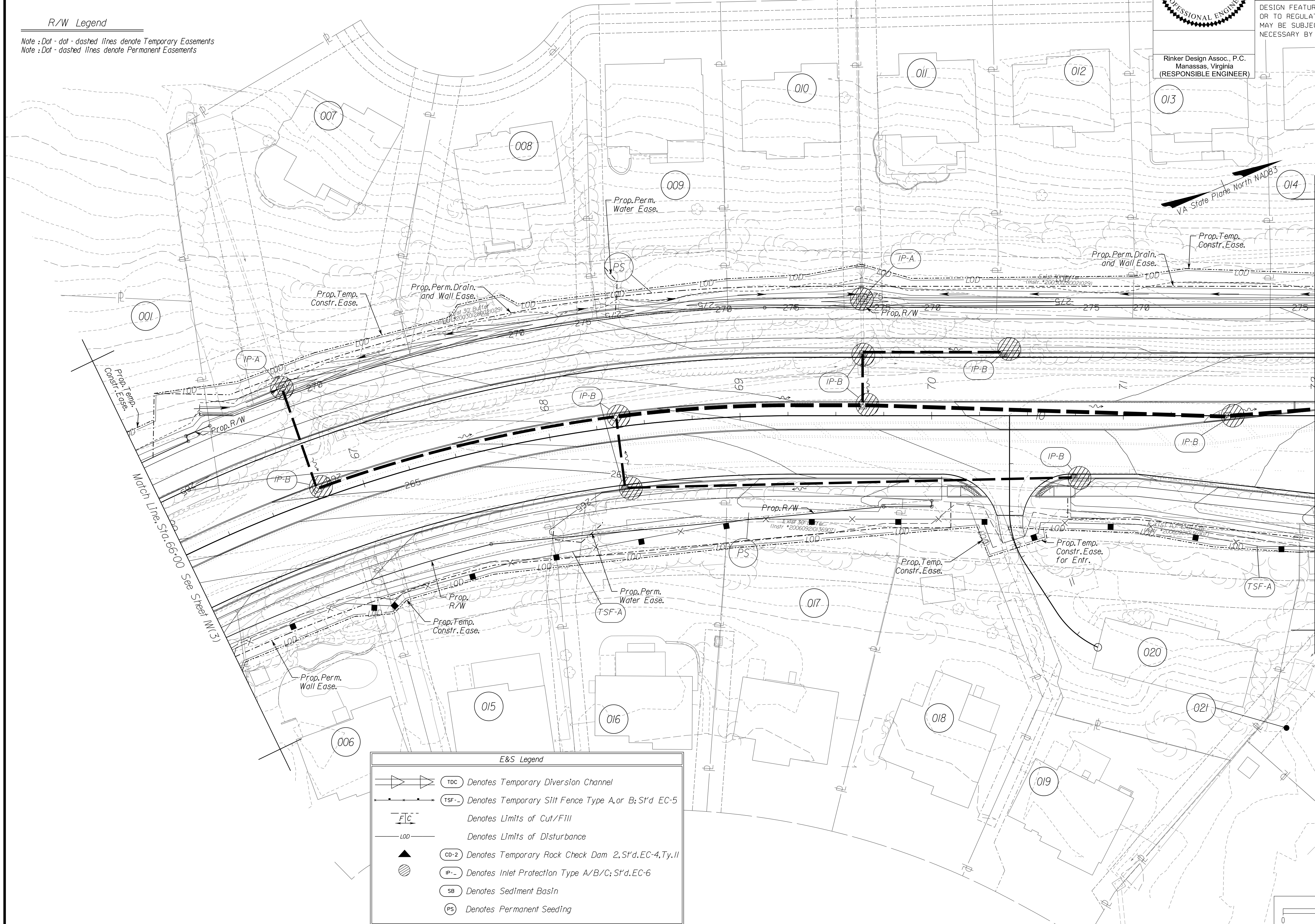


REVISED	STATE	ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 CS01 RW201	W(4)

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

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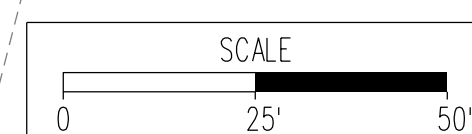
R/W Legend
 Note: Dot-dot-dashed lines denote Temporary Easements
 Note: Dot-dashed lines denote Permanent Easements



NOVA DISTRICT

12/8/2021

	TDC	Denotes Temporary Diversion Channel
	TSF-A/B	Denotes Temporary Silt Fence Type A or B; S'd EC-5
	FIC	Denotes Limits of Cut/Fill
	LOD	Denotes Limits of Disturbance
	CD-2	Denotes Temporary Rock Check Dam 2, S'd EC-4, Ty. II
	IP-A/B/C	Denotes Inlet Protection Type A/B/C; S'd EC-6
	SB	Denotes Sediment Basin
	PS	Denotes Permanent Seeding



VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. W(4)
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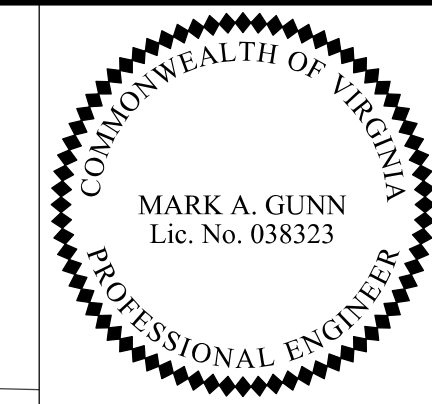
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PH PLANS

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

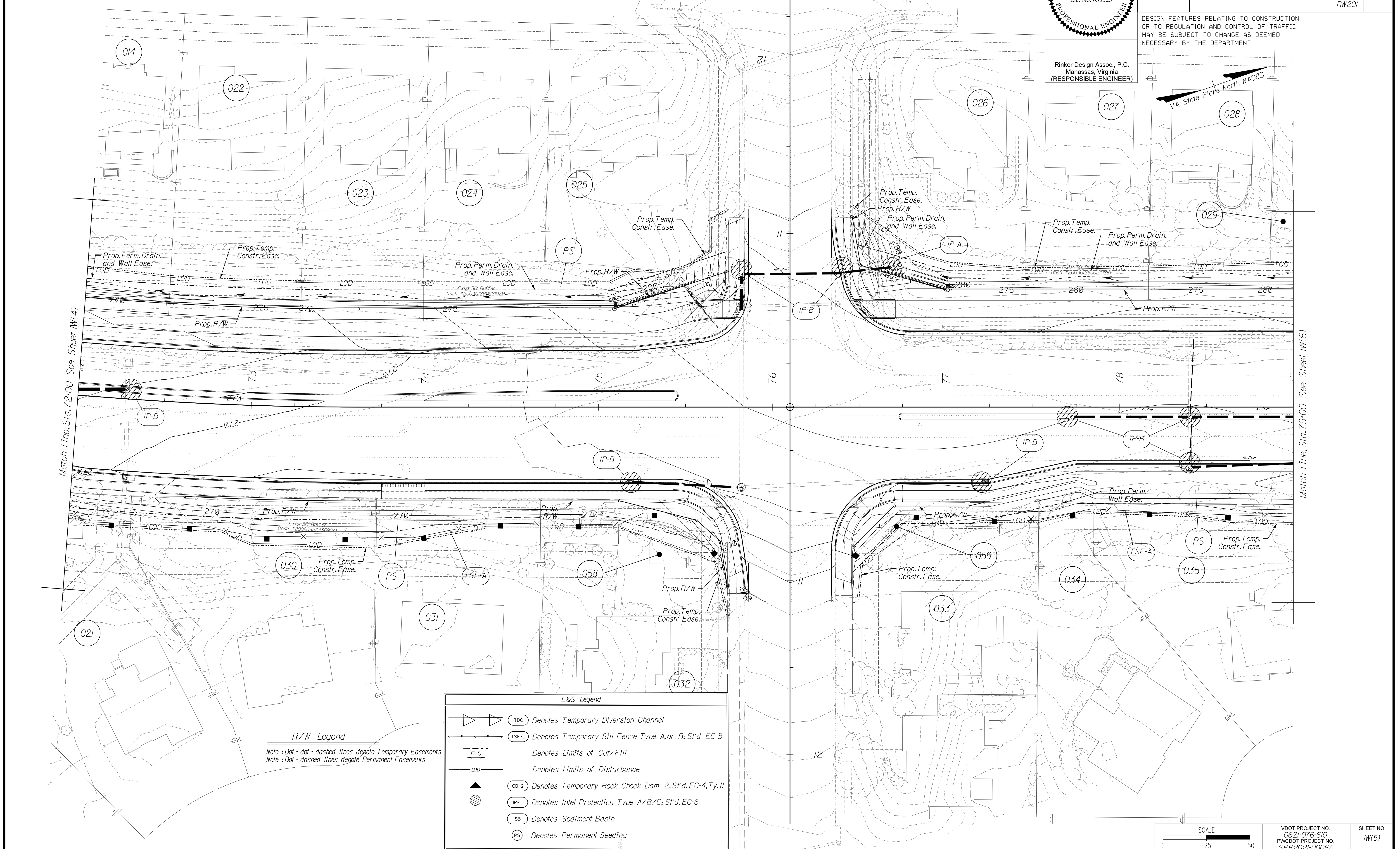
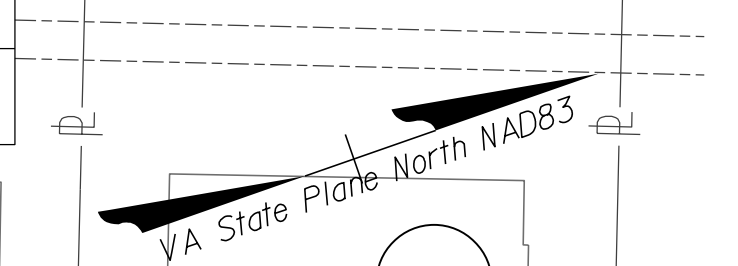
Erosion and Sediment Control Phase 2



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

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	M(5)

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



E&S Legend

- TDC Denotes Temporary Diversion Channel
- TSF-- Denotes Temporary Silt Fence Type A, or B; S'd EC-5
- LCF Denotes Limits of Cut/Fill
- LOD Denotes Limits of Disturbance
- CD-2 Denotes Temporary Rock Check Dam 2, S'd EC-4, Ty. II
- IP-- Denotes Inlet Protection Type A/B/C; S'd EC-6
- SB Denotes Sediment Basin
- PS Denotes Permanent Seeding

R/W Legend

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

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PH PLANS

SCALE: 0 25' 50'

VDOT PROJECT NO. 0621-076-610
PWCDOT PROJECT NO. SPR2021-00067

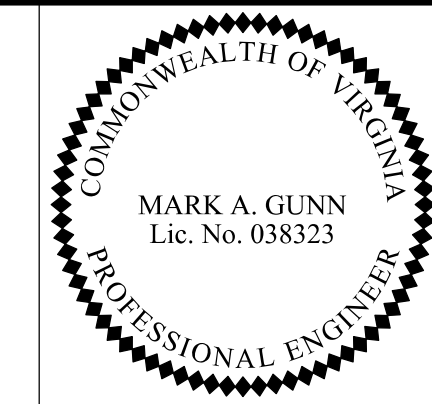
SHEET NO. M(5)

NOVA DISTRICT

12/8/2021

PROJECT MANAGER: PWCDOT: Aowar_Mohamreh, P.E. (571) 316-9624
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SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

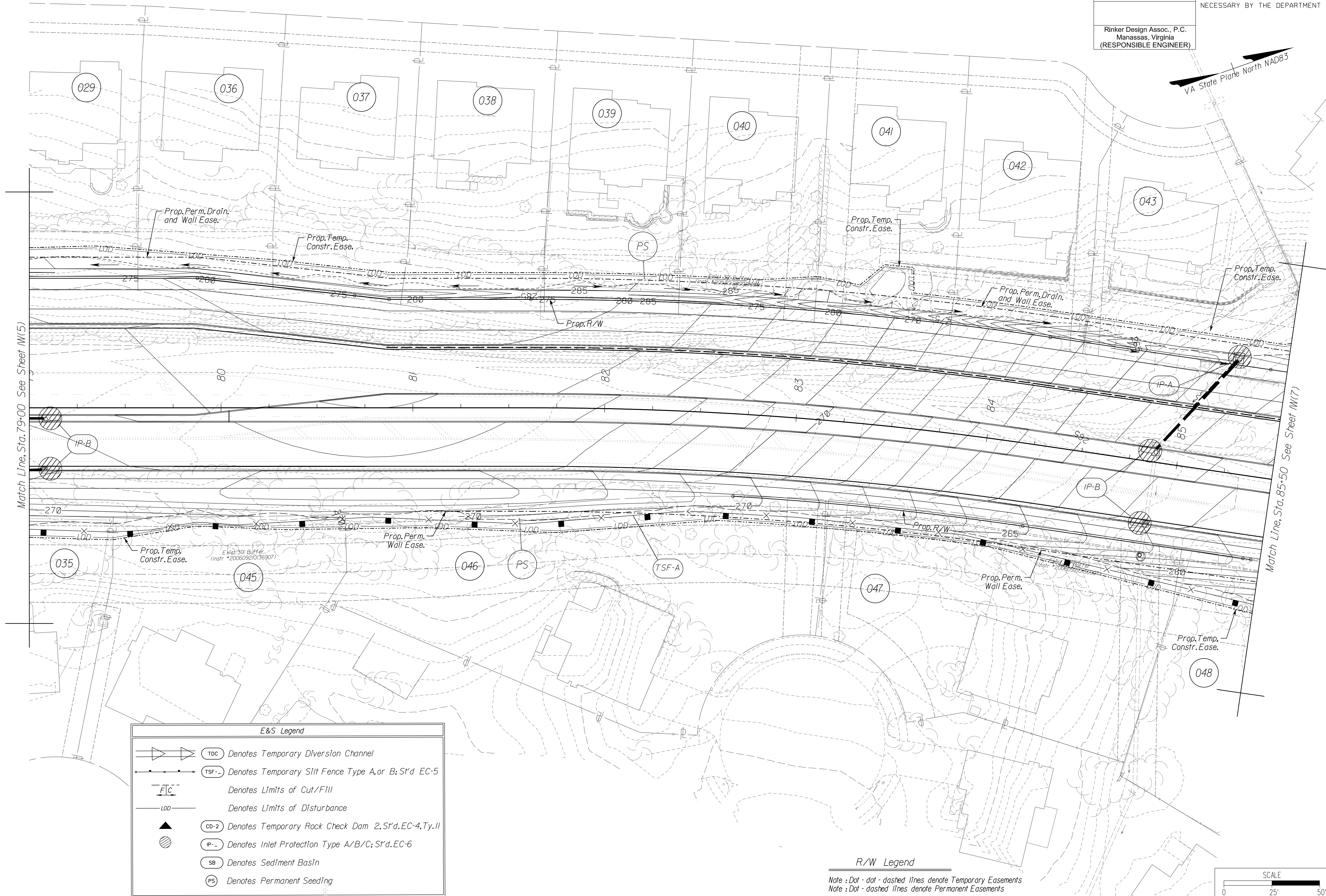
Erosion and Sediment Control Phase 2



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

REVISED	STATE	ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 CS01 RW201	W(6)

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

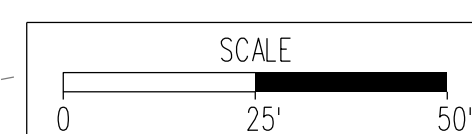


E&S Legend

- TDC Denotes Temporary Diversion Channel
- TSF Denotes Temporary Silt Fence Type A, or B; S't'd EC-5
- F/C Denotes Limits of Cut/Fill
- LOD Denotes Limits of Disturbance
- CD-2 Denotes Temporary Rock Check Dam, 2 S't'd EC-4, Ty. II
- IP Denotes Inlet Protection Type A/B/C; S't'd EC-6
- SB Denotes Sediment Basin
- PS Denotes Permanent Seeding

R/W Legend

Note: Dot - dot - dashed lines denote Temporary Easements
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VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. W(6)
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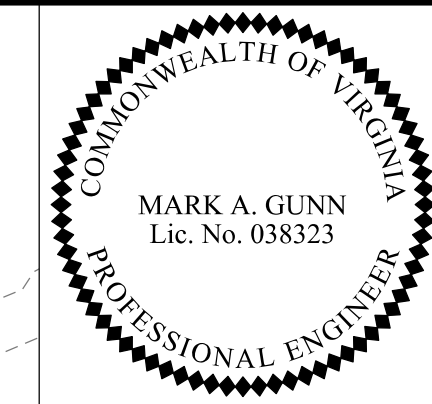
PH PLANS

NOVA DISTRICT

12/8/2021

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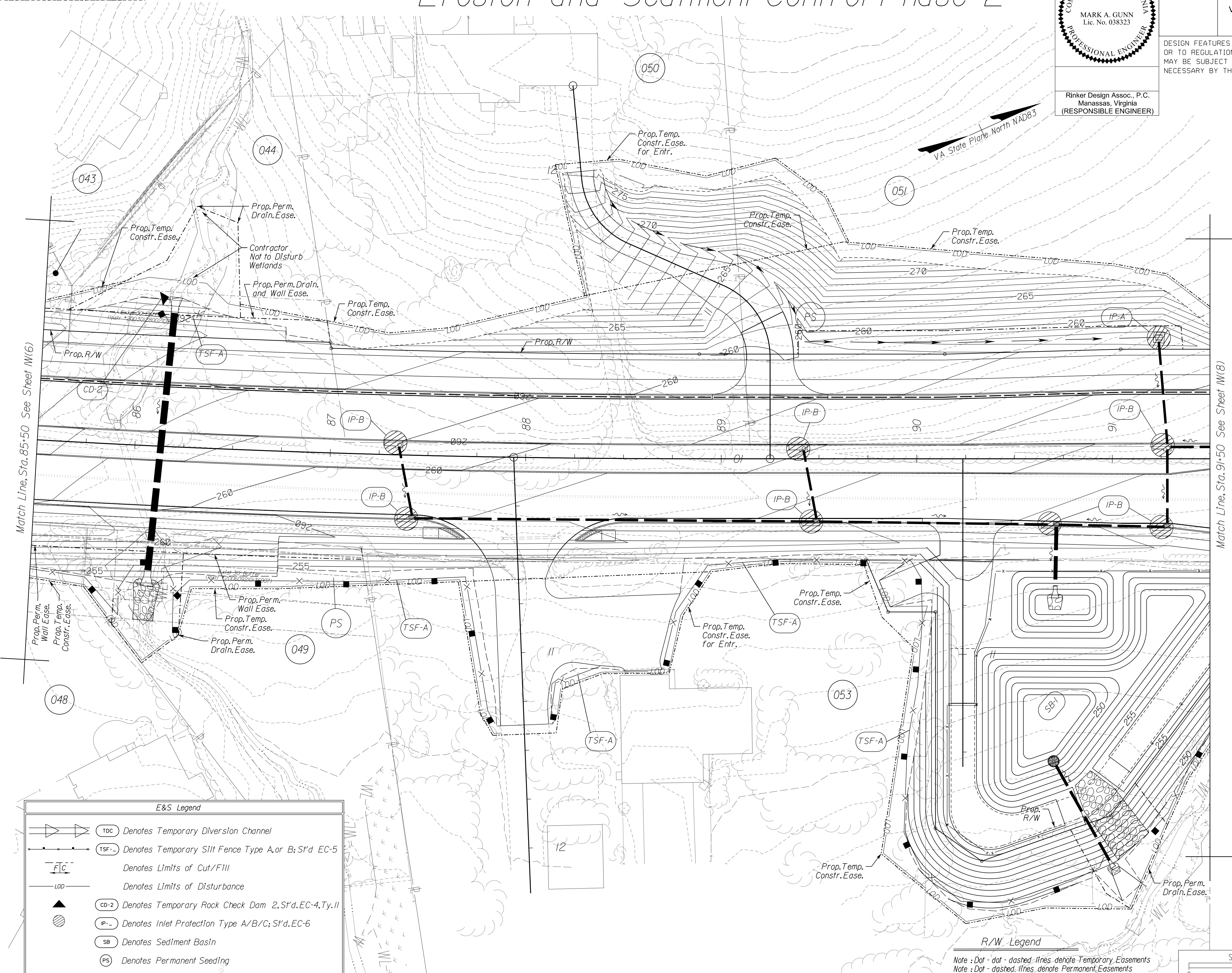
Erosion and Sediment Control Phase 2



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

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	W(7)

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

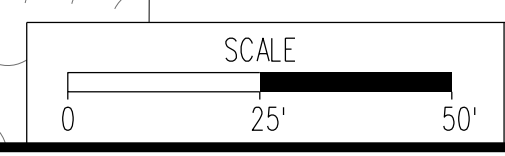


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- SB Denotes Sediment Basin
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R/W Legend

Note: Dot-dot-dashed lines denote Temporary Easements
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VDOT PROJECT NO. 0621-076-610
 PWCDOT PROJECT NO. SPR2021-00067
 SHEET NO. W(7)

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PH PLANS

NOVA DISTRICT

12/8/2021

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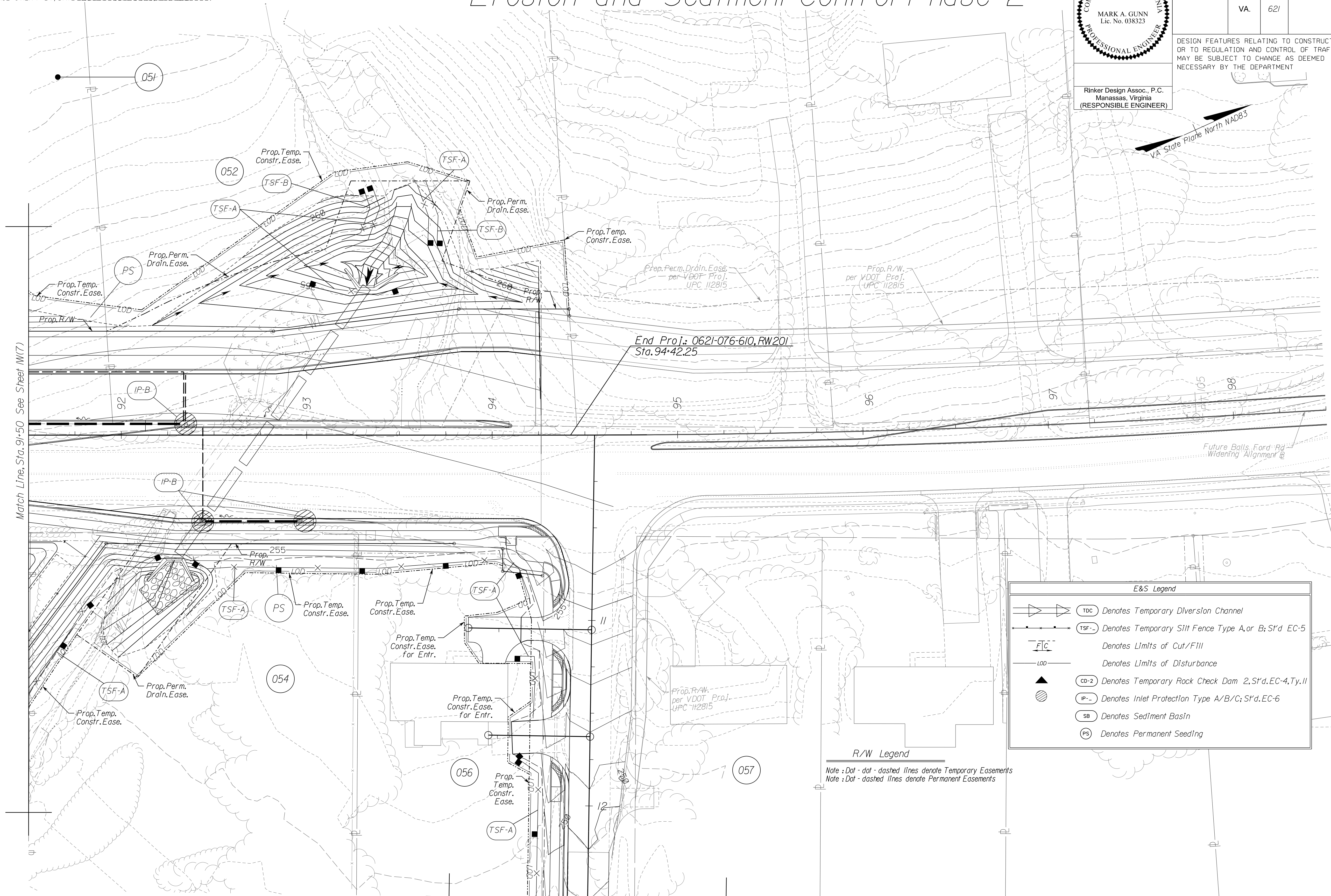
Erosion and Sediment Control Phase 2



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

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	11(8)

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



Match Line, Sta. 9+50 See Sheet 11(7)

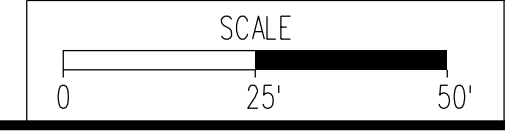
Match Line, Sta. 12+50 See Sheet 11(8D)

NOVA DISTRICT

12/8/2021

E&S Legend	
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	Denotes Temporary Silt Fence Type A, or B; S'd EC-5
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	Denotes Limits of Disturbance
	Denotes Temporary Rock Check Dam, 2.5'd, EC-4, Ty. II
	Denotes Inlet Protection Type A/B/C; S'd, EC-6
	Denotes Sediment Basin
	Denotes Permanent Seeding

R/W Legend
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VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11(8)
---	--------------------

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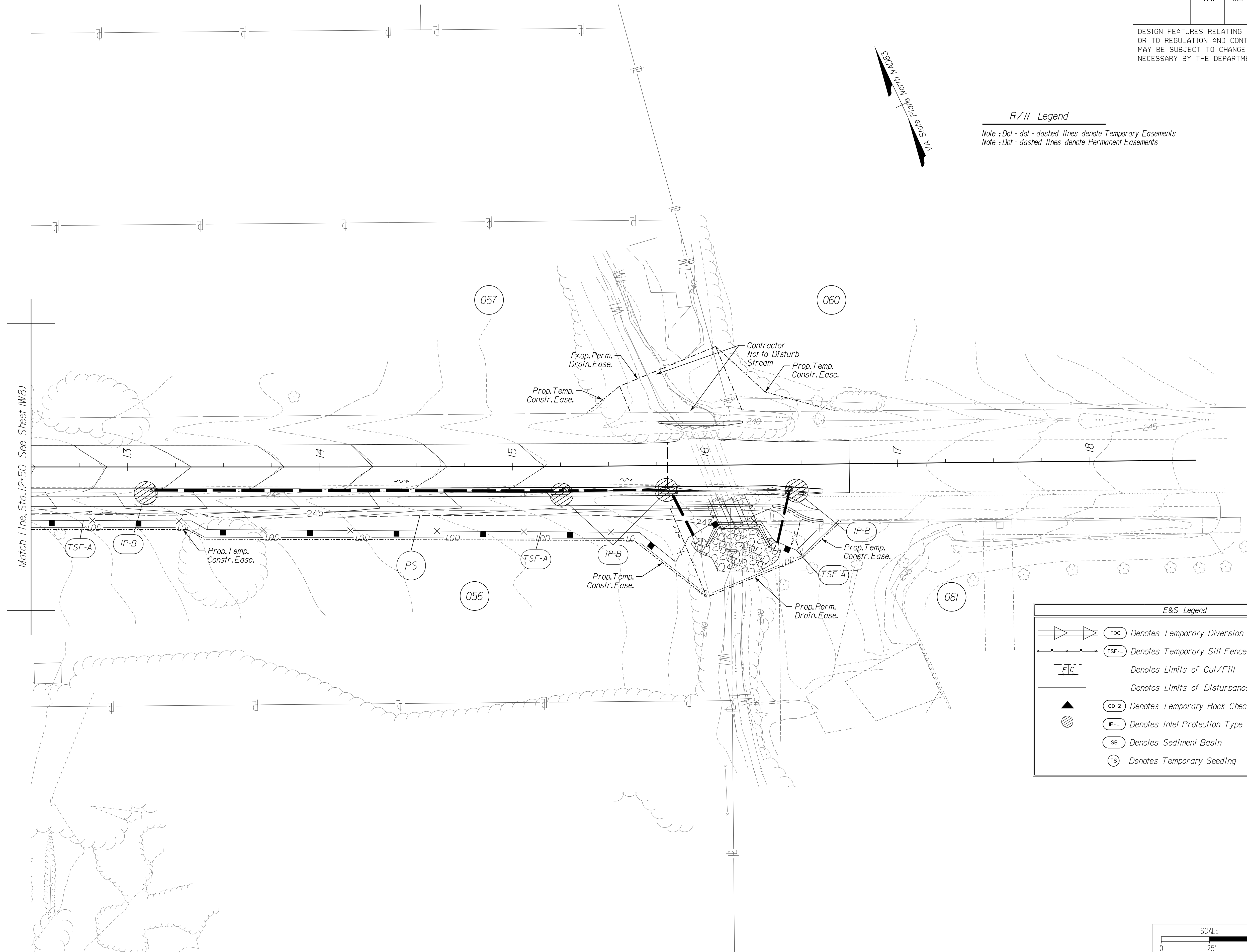
Erosion and Sediment Control Phase 2

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	11(8D)

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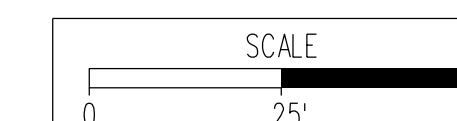
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	(IP-) Denotes Inlet Protection Type A/B/C; S'd EC-6
	(SB) Denotes Sediment Basin
	(TS) Denotes Temporary Seeding

NOVA DISTRICT

12/8/2021



VDOT PROJECT NO.
0621-076-610
PWCDOT PROJECT NO.
SPR2021-00067

SHEET NO.
11(8D)

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PH PLANS

PROJECT MANAGER PWCDDOT-Aowar_Mohamreh,P.E.(571)316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoulis,LS.(703)334-9302;March,2021
DESIGN BY RDA: Mack_A.Gunn,P.E.(703)334-9288
SUBSURFACE UTILITY BY, DATE Accumark.(703)378-0100;March,2021

VDOT General Notes

REVISED	STATE	ROUTE	STATE	SHEET NO.
			VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 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: metal culverts, small footings, light pole foundations, end walls, drop inlets, manholes, pipes, slabs, curbs, gutter pans, sidewalks, ditches, bases, and brick items.
- 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 5 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. Chemical stabilization of subgrade soils shall extend to a minimum depth of 12" below final paved area subgrade and is not applicable for over-consolidated Potomac clays, highly plastic clays, derived from weathering of diabase, extremely soft or highly organic soils.

PAVEMENT

- 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-4 All trees located within the Clear Zone or within a minimum of 30 feet of the edge of pavement, within the limits of the right of way or construction easement, unless otherwise noted on plans or directed by the Engineer, shall be removed, as provided for a Section 301 of the applicable VDOT Road and Bridge Specifications.
- 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-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 2B(1).
- 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.
 - Geotechnical Design - Geotechnical Solutions Inc.

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. 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-3 At locations where Structural Plate Steel Pipe or Pipe Arch with a concrete invert is required or is allowable as an option to Corrugated Steel Pipe or Pipe Arch, the concrete invert is to be field applied and shall cover, at a minimum, the bottom 25% of the circumference of a circular shape structure or the bottom and corner plates of an arch shape structure. As an option to providing the concrete invert, the plates along the bottom 25% (minimum) of the circumference of the Structural Plate Steel Pipe or the bottom and corner plates (minimum) of the Structural Plate Steel Pipe Arch shall be a minimum of two sheet thickness (gages) heavier than the sheet thickness (gage) indicated in the applicable VDOT Road and Bridge Standard PC-1 for the specified height of cover for the structure. Example: For a pipe with height of cover requiring 0.109" sheet thickness (12 gage) plates, the bottom plates shall be 0.168" sheet thickness (8 gage). The sheet thickness (gage) of the remainder of the pipe plates shall either conform to those specified in Standard PC-1 for the applicable height of cover or to the heavier plates used in the bottom of the pipe.
- D-6 Pipes shall conform to any of the allowable types shown on sheet number 2K(1), 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-7 All pipe on this project shall be Class 3. For strength, sheet thickness, or class designation; available sizes; height of cover limitations; and other restrictions for a particular pipe type or height cover, see the applicable sections of the VDOT Road and Bridge Standards PC-1.
- D-8 Where open joint pipe is to be used, no joint shall be opened a distance exceeding 25% of the spigot length. Sealing of the pipe joint shall be in accordance with Section 302 of the applicable VDOT Road and Bridge Specifications.

- 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: See Notes and Plans 1U thru 1V for legends, additional requirements and VDOT and PWC specifications.
- 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

12/8/2021

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

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PH PLANS

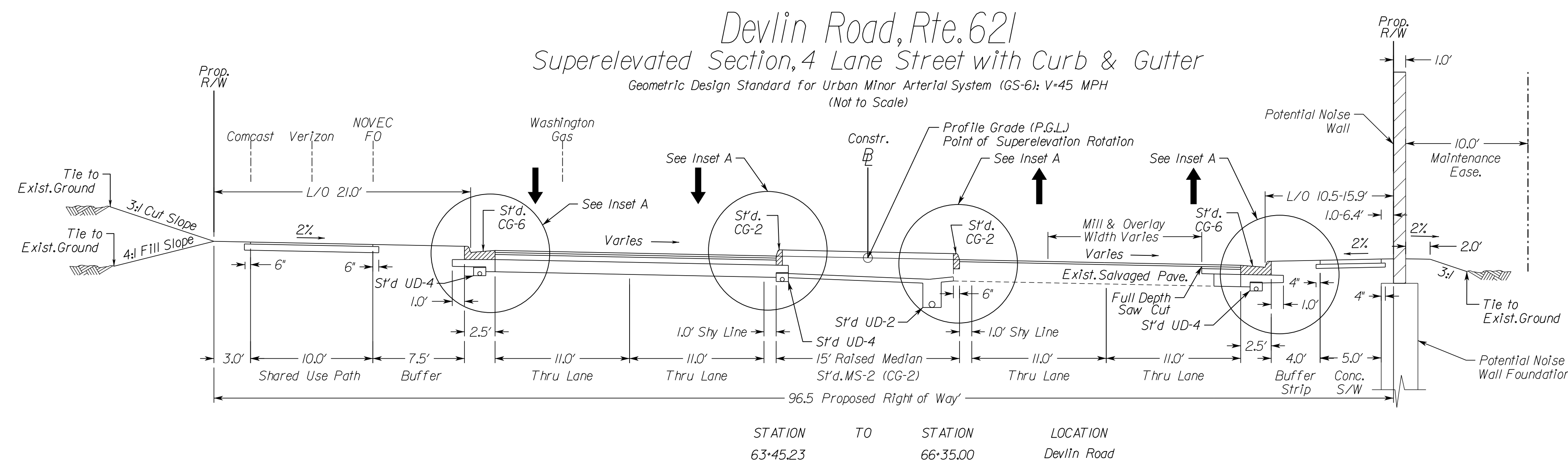
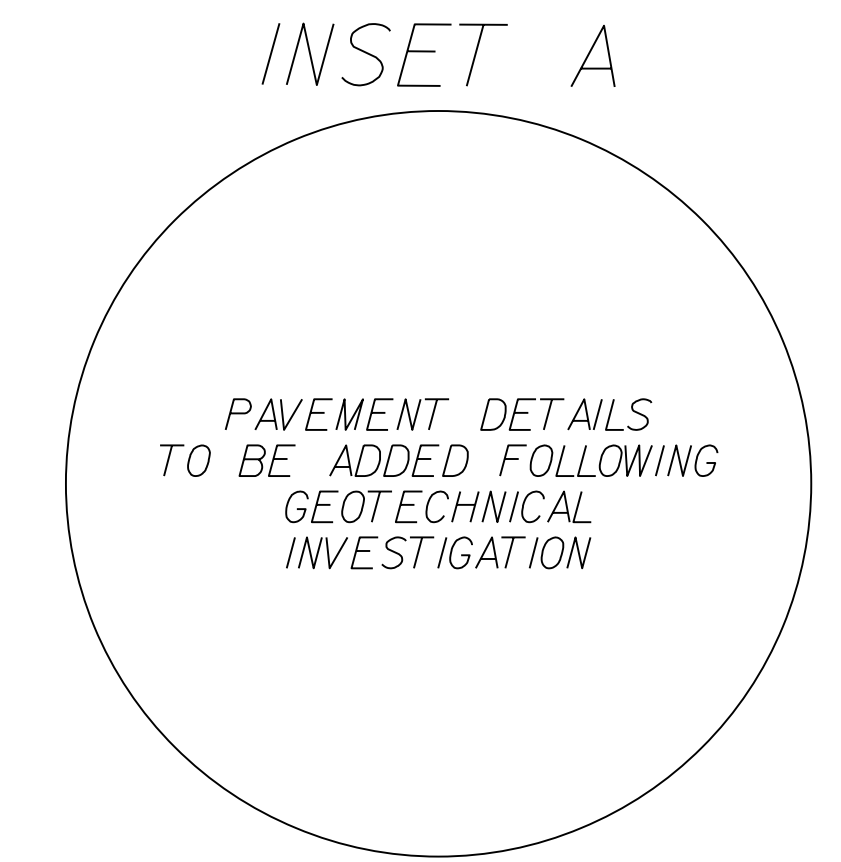
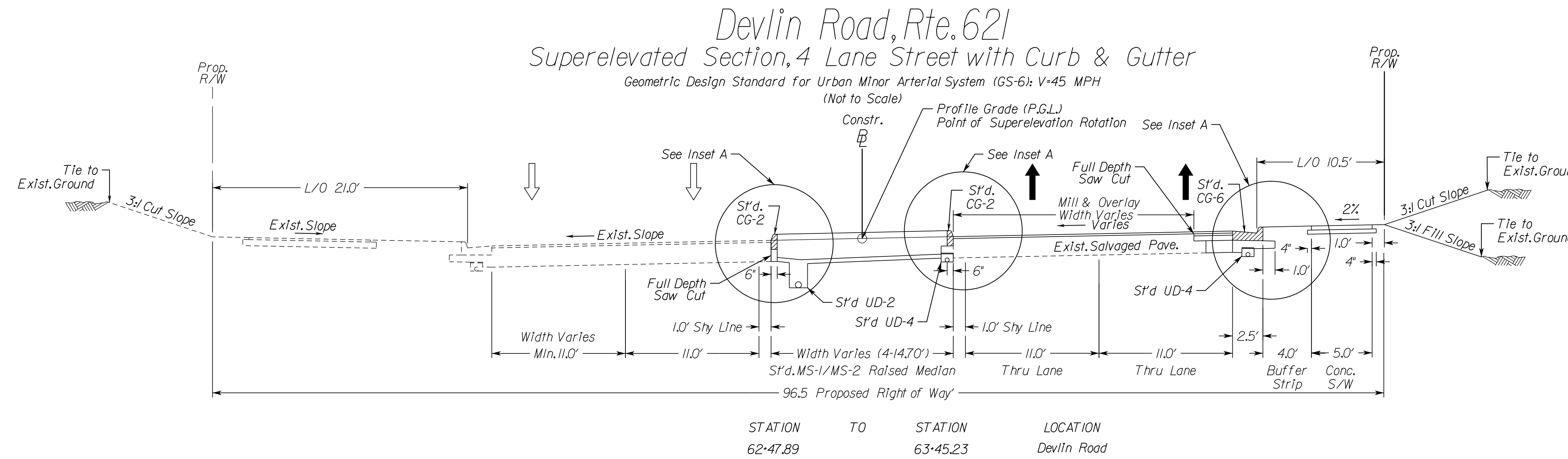
VDOT PROJECT NO. 0621-076-610 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 2
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PROJECT MANAGER: PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
 SURVEYED BY, DATE: RDA: Nicholas_Kougoultis, L.S. (703) 334-9302; March, 2021
 DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

Typical Sections

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA	621		0621-076-610 PE101 CS01 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



TYPICAL SECTION NOTES

1. Pavement widening to be performed in accordance with VDOT S'd.WP-2
2. S'd.UD-4 Req'd., see plan sheets for detailed locations.
3. S'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 edgelines (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 than 2.0' but less than 4.0' 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.

TYPICAL SECTION INSET LEGEND

1 Existing Pavement - Min 2.0" Mill Req'd. replace with 2.0" SM-9.5D. (See note 10)	4 Subbase Course: (12.0") Aggregate Base Mat'l Type I, No. 21B	7 Existing Asphalt and Subbase Pavement Layers
1A Surface Course (2.0") Asphalt Concrete Type SM-9.5D	4A Subbase Course: (Variable Depth) Plain Aggregate, Type I, Size No. 21-B	8 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	4B Subbase Course: (6.0") Cement Treated Aggregate	9 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	6 Base: (4.0") Aggregate Base Mat'l Type I, No. 21A or No. 21B extended 4" beyond the edges of concrete on both sides	

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

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PH PLANS

VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 2A
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NOVA DISTRICT

12/8/2021

PROJECT MANAGER: PWCDDOT: Awwar, Motbarneh, P.E. (571) 316-9624
 SURVEYED BY, DATE: RDA: Nicholas Kouyoultis, L.S. (703) 334-9302; March, 2021
 DESIGN BY: RDA: Mack, Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

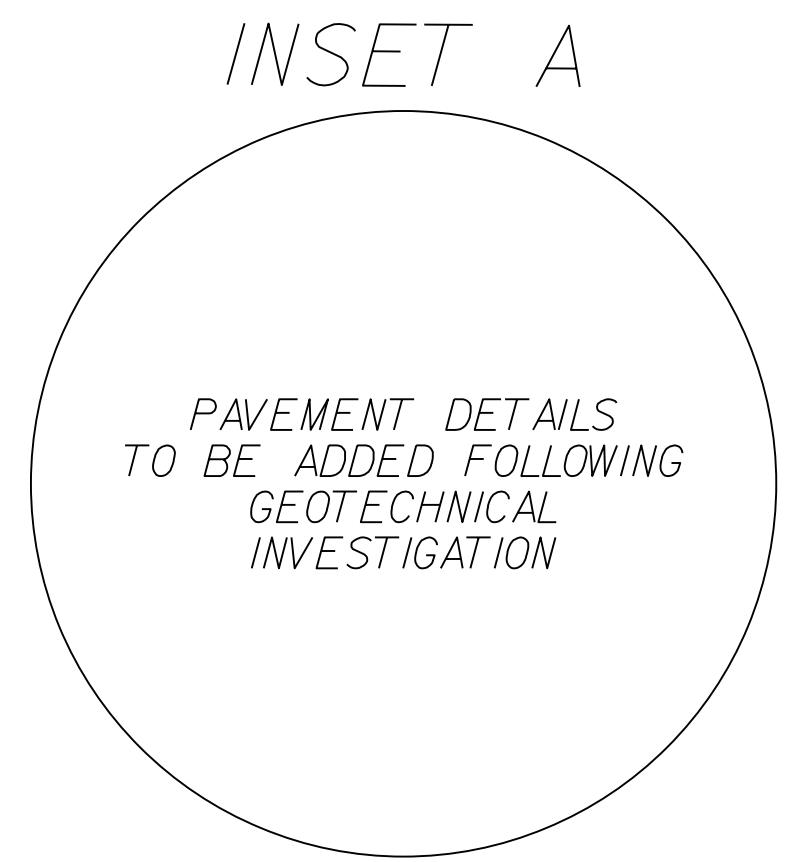
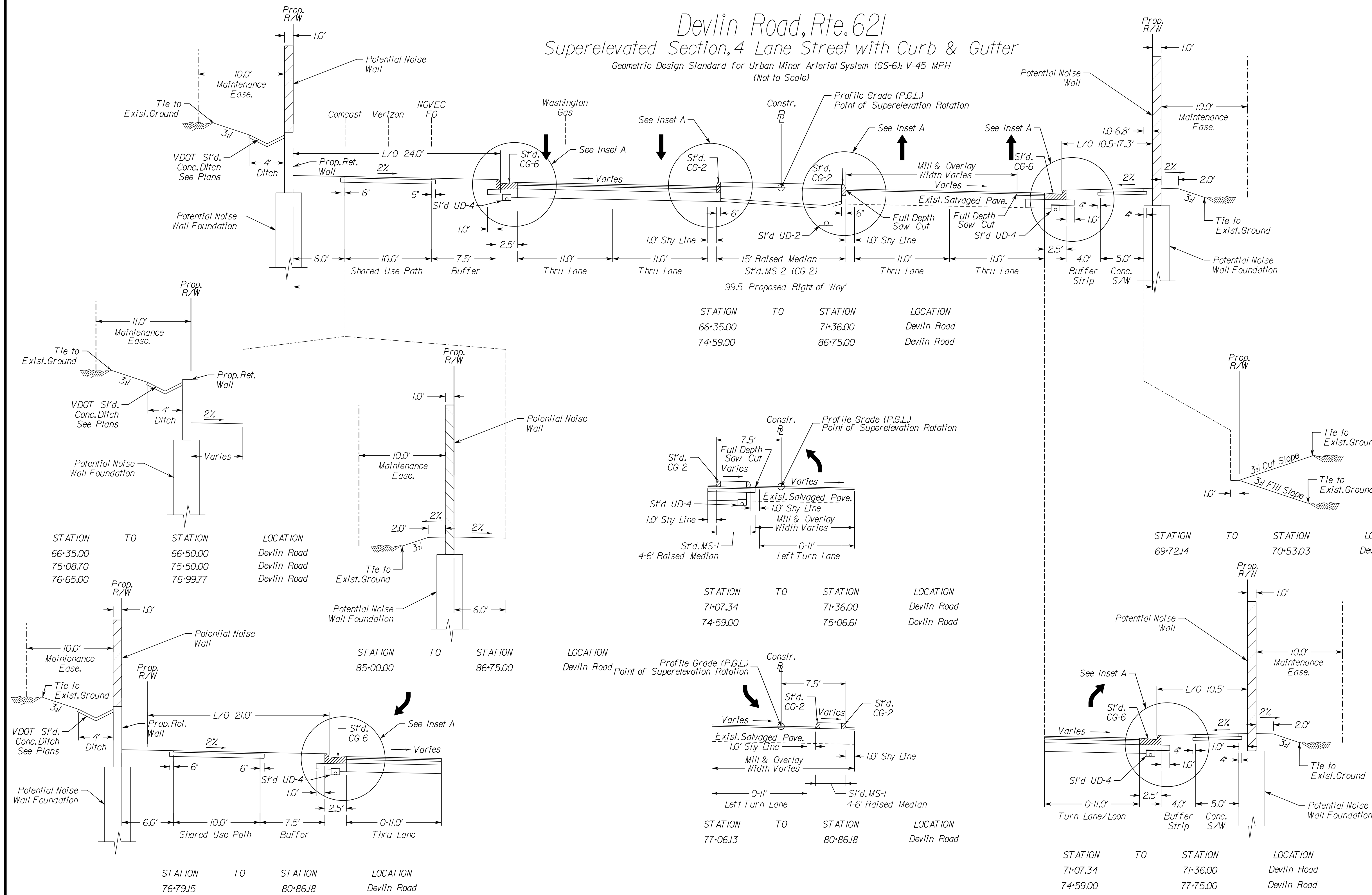
REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA	621		0621-076-610 PE101 CS01 RW201	2A(1)

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

Typical Sections

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)



- TYPICAL SECTION NOTES**
- Pavement widening to be performed in accordance with VDOT S'd.WP-2
 - S'd.UD-4 Req'd., see plan sheets for detailed locations.
 - S'd.UD-2 Req'd., see plan sheets for detailed locations.
 - When widening existing pavement, the pavement subgrade slope shall be designed such that the existing pavement subgrade material can properly drain to a standard UD-4 edge drain.
 - 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.
 - 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.
 - Where the existing pavement is to be widened, all existing pavement edge drains (UD-4) shall be removed.
 - 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.
 - 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.
 - In locations where the proposed grade will be more than 2.0' but less than 4.0' 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.

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1B Surface Course (2.0") Asphalt Concrete Type SM-9.5A	4B Subbase Course: (6.0") Cement Treated Aggregate	9 Regular Fill Material to be compacted in accordance with VDOT Road and Bridge Specifications
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

VDOT PROJECT NO. 0621-076-610 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 2A(1)
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NOVA DISTRICT

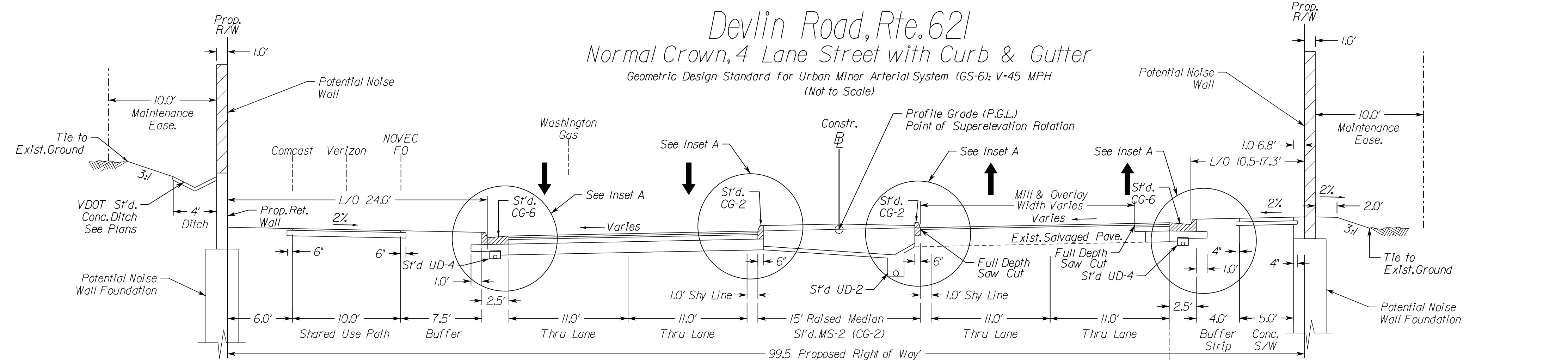
12/8/2021

PROJECT MANAGER: PWCDDOT: Awwar, Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas Kouyoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March, 2021

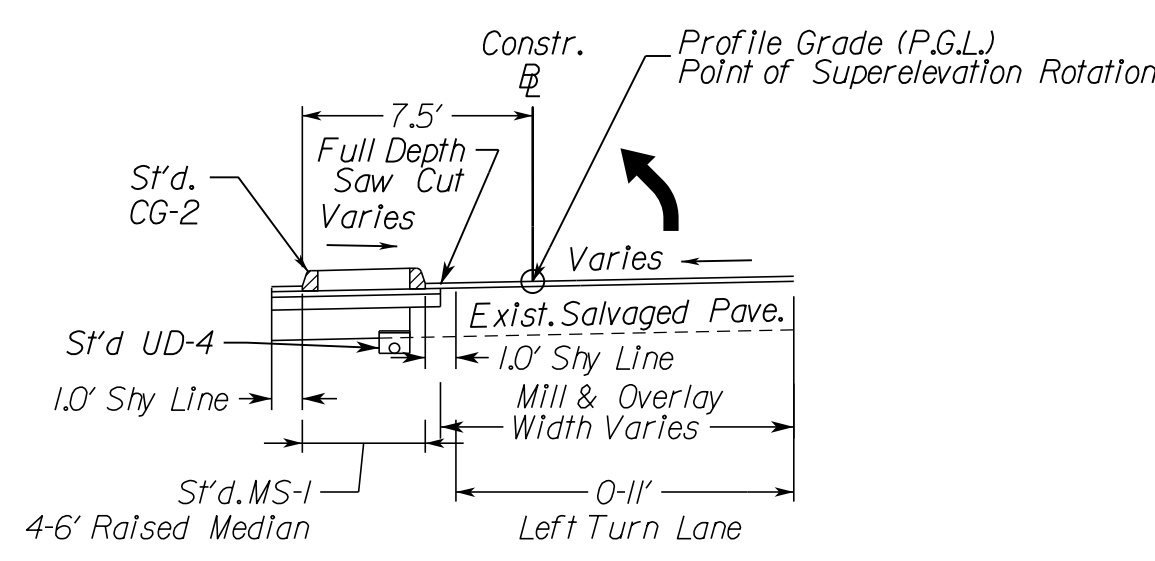
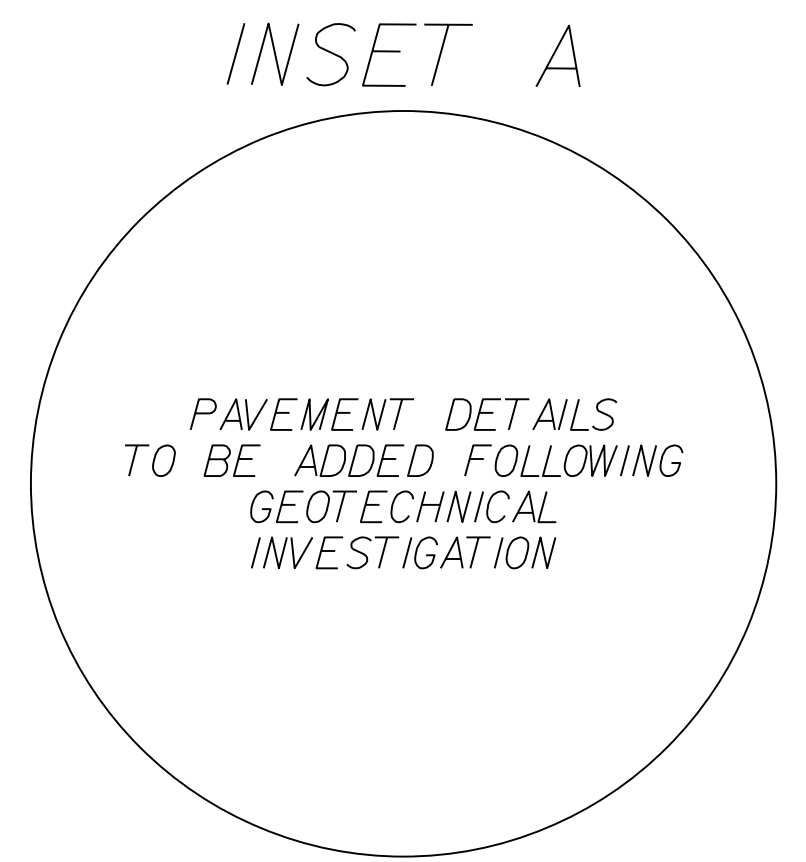
REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	2A(2)

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

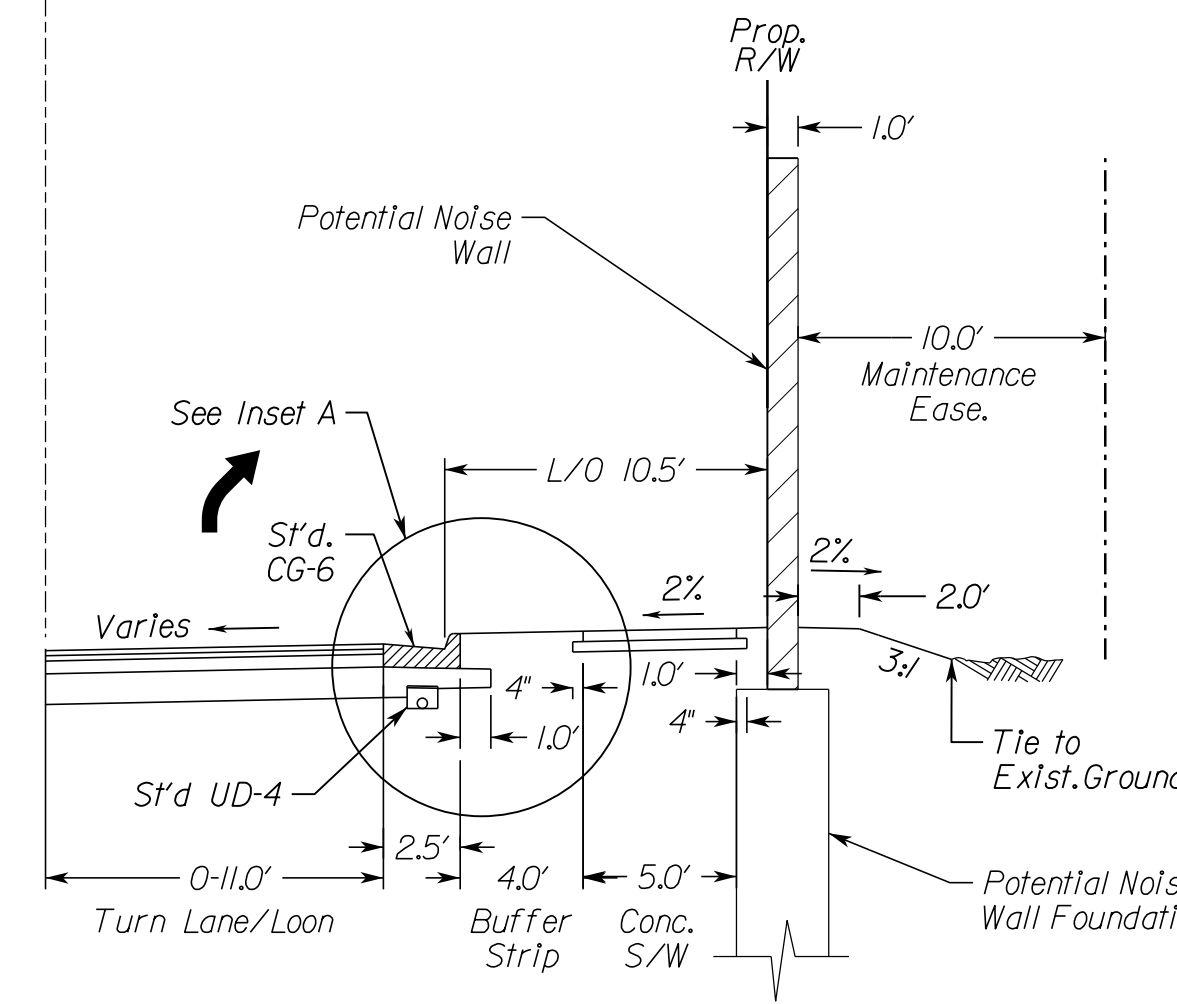
Typical Sections



STATION	TO	STATION	LOCATION
71+36.00		74+59.00	Devlin Road



STATION	TO	STATION	LOCATION
71+36.00		74+59.00	Devlin Road



STATION	TO	STATION	LOCATION
71+36.00		74+59.00	Devlin Road

TYPICAL SECTION NOTES

- Pavement widening to be performed in accordance with VDOT S'd.WP-2
- S'd.UD-4 Req'd., see plan sheets for detailed locations.
- S'd.UD-2 Req'd., see plan sheets for detailed locations.
- 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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PH PLANS

VDOT PROJECT NO. 0621-076-610 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 2A(2)
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NOVA DISTRICT

12/8/2021

PROJECT MANAGER: PWCDOT: Awwar, Motbarneh, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas Kougoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

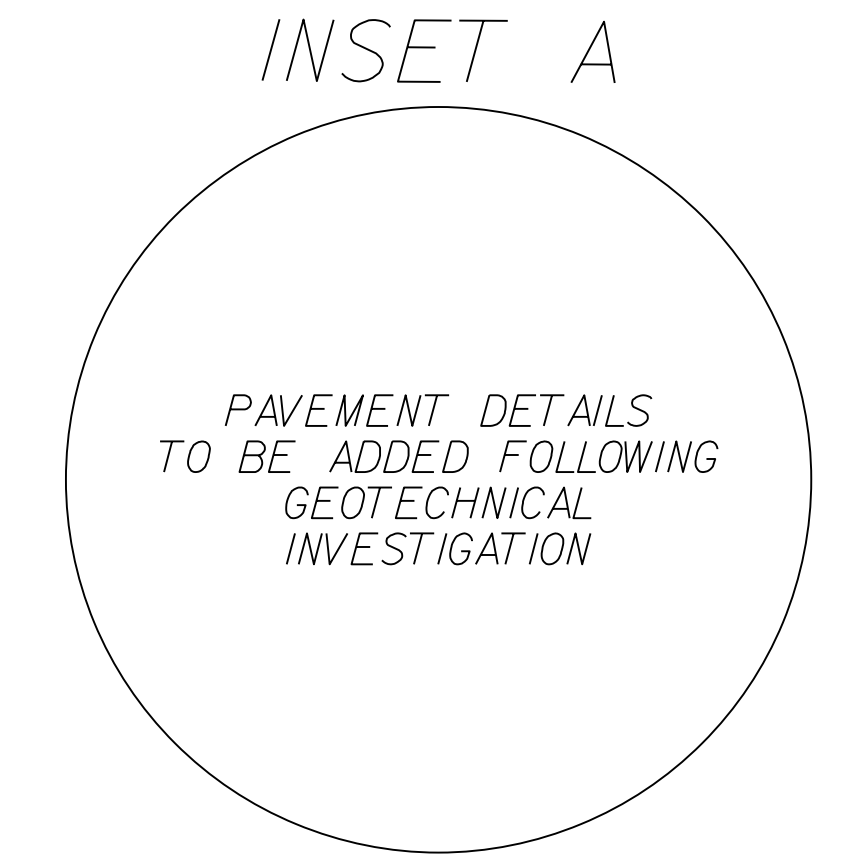
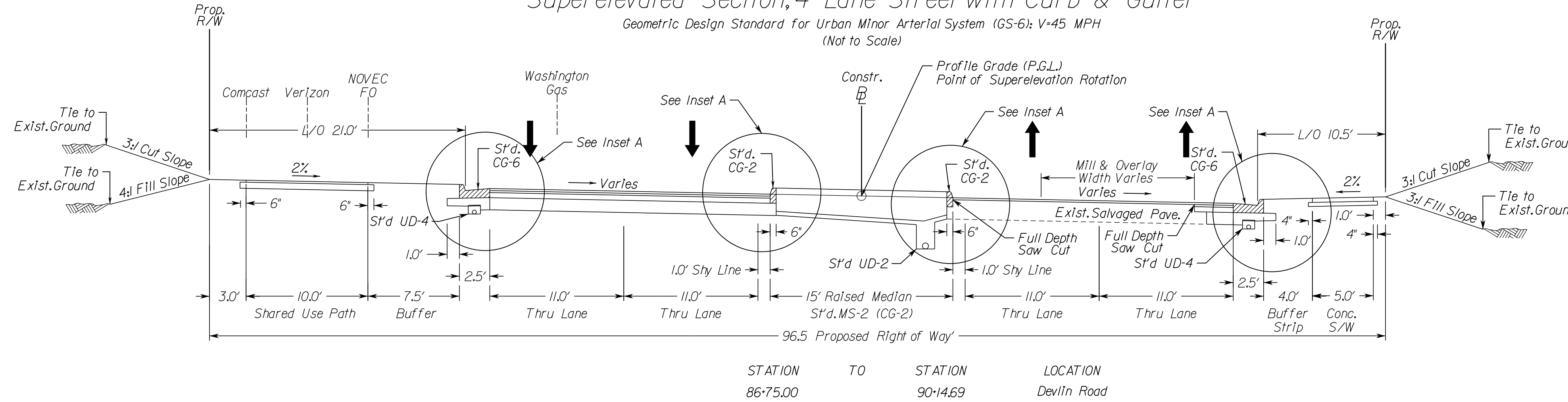
Typical Sections

REVISED	STATE	ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 CS01 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
86+75.00		90+46.9	Devlin Road

TYPICAL SECTION NOTES

- Pavement widening to be performed in accordance with VDOT Std.WP-2
- Std.UD-4 Req'd., see plan sheets for detailed locations.
- Std.UD-2 Req'd., see plan sheets for detailed locations.
- 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.
- 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.
- 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.
- Where the existing pavement is to be widened, all existing pavement edgedrains (UD-4) shall be removed.
- 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.
- 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.
- In locations where the proposed grade will be more than 2.0' but less than 4.0' 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.

TYPICAL SECTION INSET LEGEND

1 Existing Pavement - Min 2.0" Mill Req'd. replace with 2.0" SM-9.5D. (See note 10)	4 Subbase Course: (12.0") Aggregate Base Mat'l Type I, No.21B	7 Existing Asphalt and Subbase Pavement Layers
1A Surface Course (2.0") Asphalt Concrete Type SM-9.5D	4A Subbase Course: (Variable Depth) Plain Aggregate, Type I, Size No.21-B	8 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	4B Subbase Course: (6.0") Cement Treated Aggregate	9 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	6 Base: (4.0") Aggregate Base Mat'l Type I, No.21A or No.21B extended 4" beyond the edges of concrete on both sides	

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.

PH PLANS

VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 2A(3)
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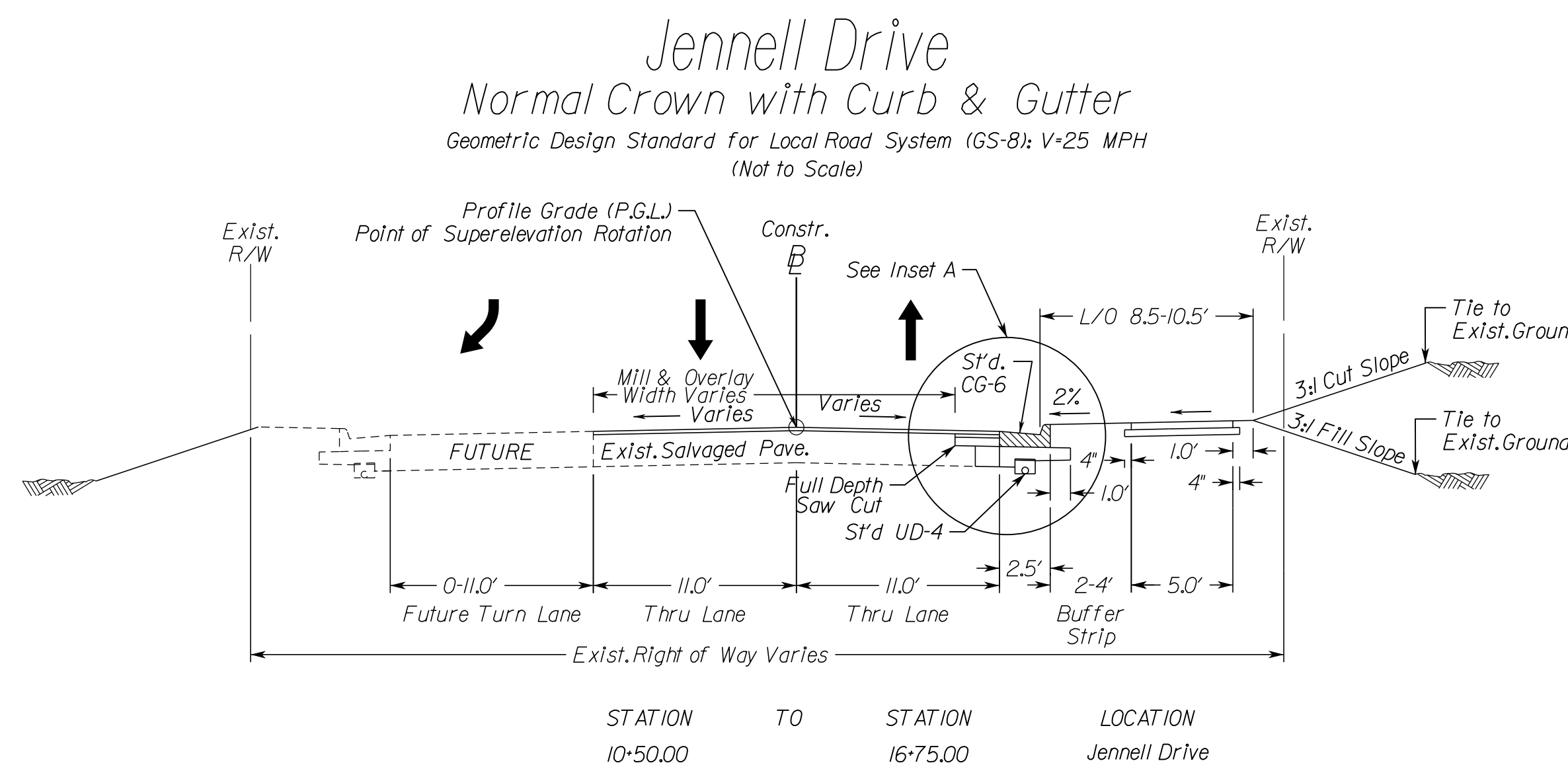
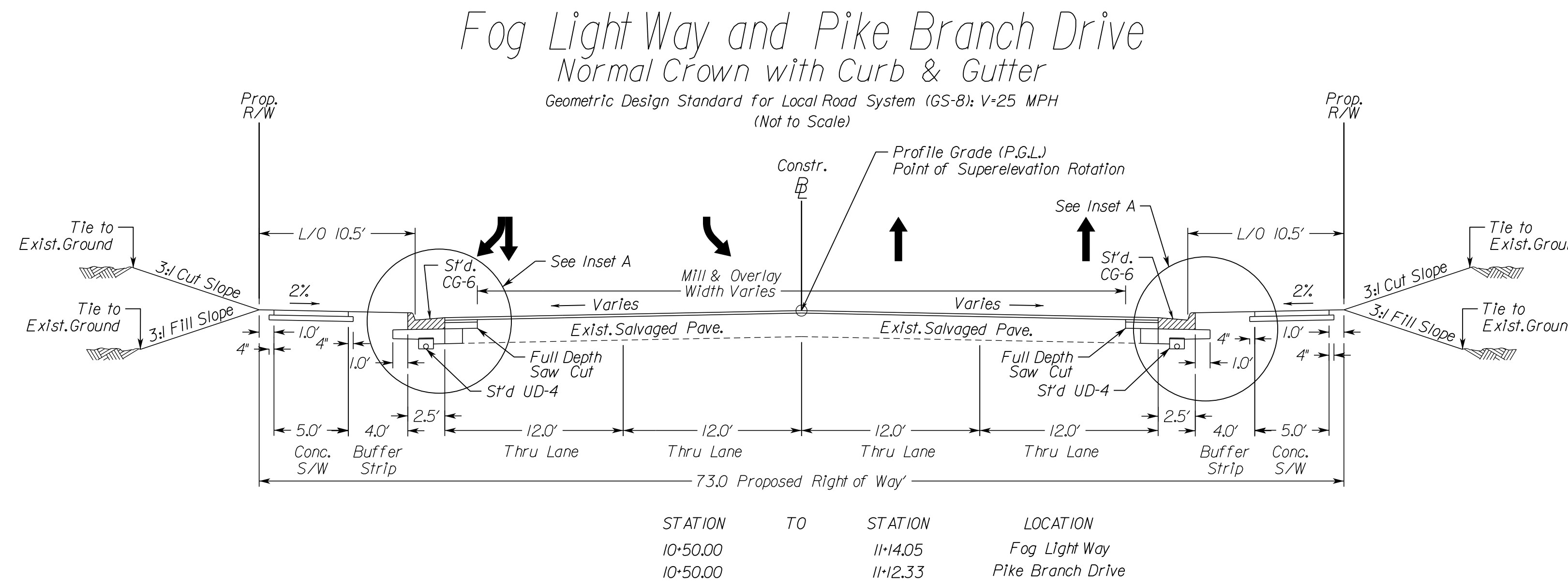
PROJECT MANAGER_PWCDDOT: Awwar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accumark (703) 378-0100; March, 2021

Typical Sections

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 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

INSET A



TYPICAL SECTION NOTES

- Pavement widening to be performed in accordance with VDOT S'd.WP-2
- S'd.UD-4 Req'd., see plan sheets for detailed locations.
- S'd.UD-2 Req'd., see plan sheets for detailed locations.
- 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.
- 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.
- 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.
- Where the existing pavement is to be widened, all existing pavement edgedrains (UD-4) shall be removed.
- 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.
- 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.
- In locations where the proposed grade will be more than 2.0' but less than 4.0' 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.

TYPICAL SECTION INSET LEGEND

1 Existing Pavement - Min 2.0' Mill Req'd. replace with 2.0' SM-9.5D. (See note 10)	4 Subbase Course: (12.0') Aggregate Base Mat'l Type I, No. 21B	7 Existing Asphalt and Subbase Pavement Layers
1A Surface Course (2.0') Asphalt Concrete Type SM-9.5D	4A Subbase Course: (Variable Depth) Plain Aggregate, Type I, Size No. 21-B	8 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	4B Subbase Course: (6.0') Cement Treated Aggregate	9 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	6 Base: (4.0') Aggregate Base Mat'l Type I, No. 21A or No. 21B extended 4' beyond the edges of concrete on both sides	

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

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PH PLANS

VDOT PROJECT NO. 0621-076-610 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 2B
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NOVA DISTRICT

PROJECT MANAGER: PWCDDOT: Awar_Mohamed, P.E. (571) 316-9624
 SURVEYED BY, DATE: RDA: Nicholas_Kougoullis, LS. (703) 334-9302; March, 2021
 DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March, 2021

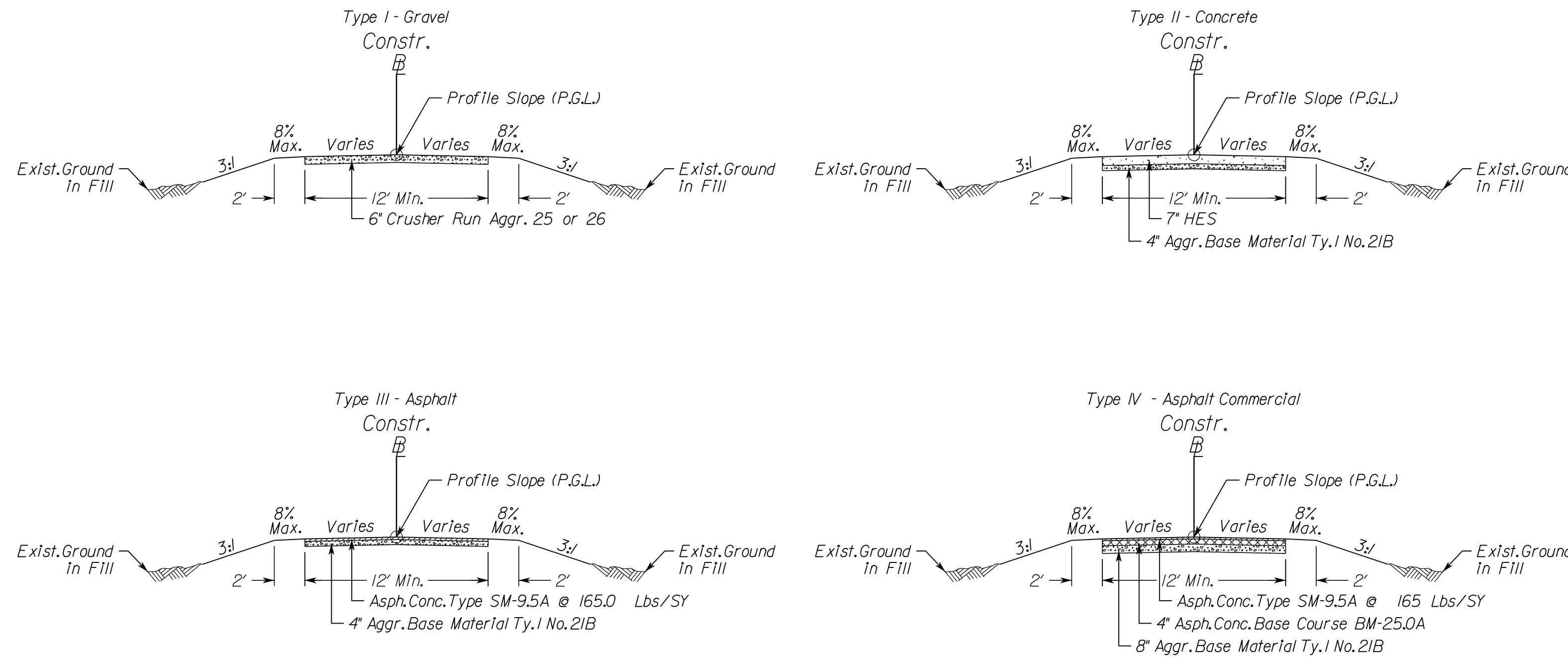
Typical Sections

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610		
				PE101 CS01 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-I, CG-9D, CG-II
(Not to Scale)



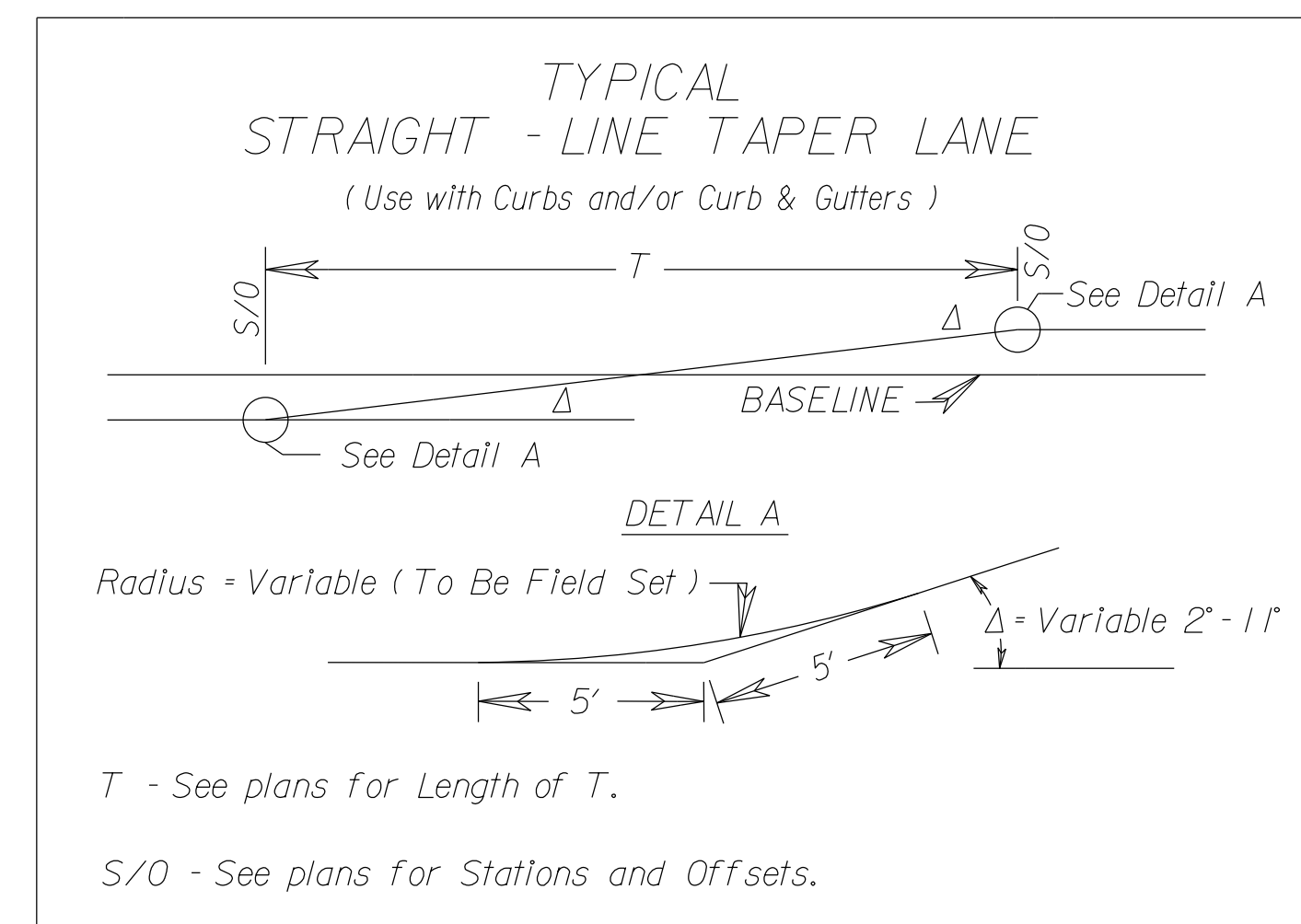
NOTE:
The type of entrance (I, II, III, IV) to be constructed will be determined by the existing condition at the time of construction. See VDOT Standards for private and commercial entrance details and additional information.

INSET A

PAVEMENT DETAILS TO BE ADDED FOLLOWING GEOTECHNICAL INVESTIGATION

TYPICAL SECTION NOTES

- Pavement widening to be performed in accordance with VDOT Std. WP-2
- Std. UD-4 Req'd., see plan sheets for detailed locations.
- Std. UD-2 Req'd., see plan sheets for detailed locations.
- 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.
- 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.
- 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.
- Where the existing pavement is to be widened, all existing pavement edgelines (UD-4) shall be removed.
- 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.
- 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.
- In locations where the proposed grade will be more than 2.0' but less than 4.0' 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.



T - See plans for Length of T.

S/O - See plans for Stations and Offsets.

TYPICAL SECTION INSET LEGEND

1 Existing Pavement - Min 2.0" Mill Req'd. replace with 2.0" SM-9.5D. (See note 10)	4 Subbase Course: (12.0") Aggregate Base Mat'l Type I, No. 21B	7 Existing Asphalt and Subbase Pavement Layers
1A Surface Course (2.0") Asphalt Concrete Type SM-9.5D	4A Subbase Course: (Variable Depth) Plain Aggregate, Type I, Size No. 21-B	8 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	4B Subbase Course: (6.0") Cement Treated Aggregate	9 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	6 Base: (4.0") Aggregate Base Mat'l Type I, No. 21A or No. 21B extended 4" beyond the edges of concrete on both sides	

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.

PH PLANS

VDOT PROJECT NO. 0621-076-610 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 2B(1)
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PROJECT MANAGER PWCDOT: Awwar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoulis, LS (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March, 2021

Geotechnical Recommendations

REVISED	STATE	STATE		SHEET NO.
		ROUTE	VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 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

12/8/2021

VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 2C
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

PROJECT MANAGER_PWCDDOT:Awaw_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

Drainage Descriptions

REVISED	STATE	STATE		SHEET NO.
		ROUTE	VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 RW201	2K

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

Sheet 3	4-1 to 4-3	56' - 15" Storm Sewer Pipe Req'd (2' Cover) Silt-Tight Joint Type Req'd. Inv(In)263.56 Inv(out)261.25	Sheet 5	EX8	Modify Existing Manhole Modify To Accept 15" Pipe, Inv = 265.90 Adjust To Grade, Raise 0.6' 1 St'd, MH-1 Frame and Cover Prop. Top=271.09 Inv.=259.64	5-11	1-St'd DI-3C Req'd. L=8' H=7.4' Inv.=264.57 Top=271.95 1-St'd, IS-1 Req'd. Connect (2) UD-4 and (1) CD-2 to Structure
EX29	Adjust Existing Inlet Adjust To Grade, Raise 0.6' 1 St'd, DI-5 Type I Grate Top Req'd. St'd, PG-2A Type CI Cover Proposed Top Elevation = 253.69	4-2	Structure number not used	EX8A	Adjust Existing Drop Inlet Modify To Accept 15" Pipe, Inv = 264.66 Adjust To Grade, Raise 0.6' 1 St'd DI-3C Top Req'd., L=8' Prop. Top=271.21 Inv.=263.46 Connect (2) UD-4 and (1) CD-2 to Structure	5-12	Structure number not used
EX30	Modify Existing Junction Box Replace JB-1 Top, as needed to adjust grade, Lower 0.69' Modify to Accept 15" Storm Sewer Pipe Modify to Remove Ex. 15" Pipe Proposed Top Elev = 262.09	4-3	1-St'd DI-3B Req'd. L=8' H=4.5' Inv.=260.25 Top=264.75 1-St'd, IS-1 Req'd. Connect (1) UD-4 and (1) UD-2 to Structure	EX20	Adjust Existing Drop Inlet Remove Ex. Top 1 St'd DI-3B Top Req'd., L=6' Adjust To Grade, Raise 0.7' Proposed Top Elev = 270.02 Connect (1) UD-4 to Structure	5-13	1-St'd Precast Doghouse with Footing B-2 Req'd. 1-St'd Precast Flat Slab R-2 Req'd. 1-St'd Precast T-DI-2B Top Req'd. L=8' H=2.3' Inv.=262.05 Top=271.51 1-St'd, IS-1 Req'd. Connect (1) UD-4 to Structure
3-1	1-St'd DI-3B Req'd. L=8' H=6.2' Inv.=255.86 Top=262.04 Connect (1) UD-4 and (1) UD-2 to Structure	4-4	1-St'd DI-2B Req'd. L=8' H=4.0' Inv.=263.33 Top=267.33 Connect (1) UD-4 to Structure			Sheet 6	
3-1 to 3-6	40' - 15" Storm Sewer Pipe Req'd (5' Cover) Silt-Tight Joint Type Req'd. Inv(In)255.86 Inv(out)255.66	4-4 to 4-5	234' - 15" Storm Sewer Pipe Req'd (3' Cover) Silt-Tight Joint Type Req'd. Inv(In)263.33 Inv(out)260.72	5-1	1-St'd DI-3BB Req'd. L=8' H=13.2' Inv.=255.95 Top=269.10 1-St'd, IS-1 Req'd. 1-St'd, SL-1 Req'd. Connect (1) UD-4 to Structure	EX3	Modify Existing Storm Grate Adjust To Grade, Raise 3.8' Convert DI to MH 1 St'd, MH-1 Frame and Cover Prop. Top=262.37 Inv.=252.51
3-2	1-Modified Monolithic Structure with DI-3B Req'd. L=8' H=3.7' Inv.=256.15 Top=259.82 Connect (1) UD-4 to Structure Structure Height Less Than Minimum Required Details not provided with this submission	4-5	1-St'd DI-2B Req'd. L=8' H=4.0' Inv.=260.62 Top=264.62 1-St'd, IS-1 Req'd. Connect (1) UD-4 to Structure	5-2	Structure number not used	6-1	Structure number not used
3-2 to 3-6	98' - 15" Storm Sewer Pipe Req'd (4' Cover) Silt-Tight Joint Type Req'd. Inv(In)256.15 Inv(out)255.66	4-5 to 4-6	38' - 15" Storm Sewer Pipe Req'd (5' Cover) Silt-Tight Joint Type Req'd. Inv(In)260.62 Inv(out)260.43	5-3	1-St'd DI-2C Req'd. L=8' H=4.3' Inv.=266.25 Top=270.56 Connect (2) UD-4 to Structure	6-2	1 St'd, DI-5 Type I Grate Req'd. St'd, PG-2A Type E Cover H=6.5' Inv.=257.00 Top =263.51 Connect (1) UD-1 to Structure
3-3	1-St'd EW-6 (30") Req'd. Inv.= 260.50	4-6	1-St'd DI-3B Req'd. L=8' H=7.0' Inv.=259.34 Top=266.31 1-St'd, IS-1 Req'd. Connect (1) UD-4 and (1) UD-2 to Structure	5-3 to EX8	64' - 15" Storm Sewer Pipe Req'd (4' Cover) Silt-Tight Joint Type Req'd. Inv(In)266.25 Inv(out)265.90	6-2 to 6-3	64' - 18" Storm Sewer Pipe Req'd (5' Cover) Silt-Tight Joint Type Req'd. Inv(In)257.00 Inv(out)256.36
3-3 to 3-4	10' - 30" Storm Sewer Pipe Req'd (2' Cover) (Double Line - 5' each line) Silt-Tight Joint Type Req'd. Inv(In)260.50 Inv(out)260.45	4-6 to 4-10	129' - 24" Storm Sewer Pipe Req'd (7' Cover) Silt-Tight Joint Type Req'd. Inv(In)259.34 Inv(out)258.69	5-4	Structure number not used	6-3	1-St'd DI-3B Req'd. L=8' H=7.1' Inv.=256.26 Top=263.38 1-St'd, IS-1 Req'd. Connect (1) UD-2 to Structure
3-4	1-St'd JB-1 Req'd. H=6.1', W=4.0', D=10.2' Type B Tower Req'd. 1 St'd, MH-1 Frame and Cover Req'd. Inv. (to Str. 3-5)=258.27 Inv. (to Ex. 30)=258.71 Top=264.38 1-St'd, IS-1 Req'd. Contractor shall provide shop drawings	4-7	1 St'd, DI-5 Type I Grate Req'd. St'd, PG-2A Type E Cover Doghouse Connection Req'd. H=10.7' Inv.=263.31 Top =274.01	5-5	Structure number not used	6-4	Structure number not used
3-4 to 3-5	38' Extension - 30" Conc. Pipe Class III Req'd (4' Cover) Silt-Tight Joint Type Req'd. Inv(In)258.27 Inv(out)257.58	4-8	1-St'd DI-2B Req'd. L=8' H=4.8' Inv.=262.62 Top=267.45 Connect (1) UD-4 to Structure	5-6 to 5-7	29' - 15" Storm Sewer Pipe Req'd (8' Cover) Silt-Tight Joint Type Req'd. Inv(In)268.50 Inv(out)268.15	6-5	1-St'd Doghouse MH Req'd. 1-St'd DI-2B Top Req'd. L=8' H=7.5' Inv.=254.91 Top=262.45 1-St'd, IS-1 Req'd. Connect (1) UD-4 to Structure
3-4 to EX30	38' Extension - 30" Conc. Pipe Class III Req'd (4' Cover) Silt-Tight Joint Type Req'd. Inv(In)258.71 Inv(out)256.91	4-8 to 4-9	74' - 15" Storm Sewer Pipe Req'd (5' Cover) Silt-Tight Joint Type Req'd. Inv(In)262.62 Inv(out)262.22	5-7	1-St'd DI-2B Req'd. L=8' H=5.0' Inv.=268.05 Top=273.00 1-St'd, IS-1 Req'd. Connect (1) UD-4 to Structure	6-6	Structure number not used
3-5	1-St'd Doghouse MH Req'd With DI-3B Top Req'd. L=8' H=5.5' Inv.=257.52 Top=263.05 Connect (1) UD-4 to Structure	4-9	1-St'd DI-2A Req'd. H=8.6' Inv.=259.34 Top=267.96 1-St'd, IS-1 Req'd.	5-7 to 5-8	59' - 15" Storm Sewer Pipe Req'd (4' Cover) Silt-Tight Joint Type Req'd. Inv(In)259.34 Inv(out)267.77	6-7	1-St'd DI-3B Req'd. L=8' H=6.5' Inv.=265.70 Top=272.20
3-6	1-St'd DI-3B Req'd. L=8' H=5.5' Inv.=255.56 Top=261.01 1-St'd, IS-1 Req'd. Connect (1) UD-4 to Structure	4-10	1-St'd DI-3BB Req'd. L=8' H=8.6' Inv.=258.59 Top=267.22 1-St'd, IS-1 Req'd. Connect (1) UD-4 to Structure	5-8	1-St'd DI-3B Req'd. L=8' H=7.3' Inv.=265.42 Top=272.68 1-St'd, IS-1 Req'd. Connect (1) UD-4 to Structure	6-7 to 5-11	68' - 15" Storm Sewer Pipe Req'd (5' Cover) Silt-Tight Joint Type Req'd. Inv(In)265.70 Inv(out)265.25
3-6 to EX30	59' - 15" Storm Sewer Pipe Req'd (5' Cover) Silt-Tight Joint Type Req'd. Inv(In)255.56 Inv(out)255.26	4-10 to 4-11	191' - 24" Storm Sewer Pipe Req'd (9' Cover) Silt-Tight Joint Type Req'd. Inv(In)258.59 Inv(out)257.64	5-8 to EX8	19' Extension - 24" Conc. Pipe Class III Req'd (5' Cover) Silt-Tight Joint Type Req'd. Inv(In)265.42 Inv(out)260.28	6-8	1-St'd DI-2B Req'd. L=8' H=6.8' Inv.=264.66 Top=271.46 Connect (1) UD-4 to Structure
3-7	Structure number not used	4-11	1-St'd DI-3BB Req'd. L=8' H=11.1' Inv.=257.54 Top=268.60 1-St'd, IS-1 Req'd. Connect (1) UD-4 to Structure	5-9	Structure number not used.	6-8 to EX 8A	68' - 15" Storm Sewer Pipe Req'd (6' Cover) Silt-Tight Joint Type Req'd. Inv(In)264.66 Inv(out)263.56
Sheet 4				5-10	1-St'd DI-3B Req'd. L=8' H=6.3' Inv.=265.85 Top=272.11		
4-1	1 St'd, DI-5 Type I Grate Req'd. St'd, PG-2A Type E Cover H=6.0' Inv.=263.56 Top =269.60	4-11 to 5-1	74' - 24" Storm Sewer Pipe Req'd (11' Cover) Silt-Tight Joint Type Req'd. Inv(In)257.54 Inv(out)257.17	5-10 to 5-11	68' - 15" Storm Sewer Pipe Req'd (5' Cover) Silt-Tight Joint Type Req'd. Inv(In)265.85 Inv(out)265.35		

NOVA DISTRICT

12/8/2021

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

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PH PLANS

VDOT PROJECT NO. 0621-076-610 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 2K
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PROJECT MANAGER PNWCDOT:Awac_Motarmeh, P.E. (571) 316-9624
 SURVEYED BY, DATE RDA: Nicholas_Kougoulis, L.S. (703) 334-9302, March 2021
 DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100, March 2021

Drainage Descriptions

REVISED	STATE	ROUTE	STATE		SHEET NO.
			VDOT PROJECT NO.		
	VA.	621	0621-076-610 PE101 CS01 RW201		2K(1)

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

NOTE:
 PER THE VDOT 2016 ROAD AND BRIDGE STANDARDS SUPPLEMENTAL SPECIFICATION, SECTION 302.03(d), VDOT IS TO PERFORM VISUAL INSPECTION DURING THE INITIAL INSTALLATION OF STORM SEWER AND CULVERT PIPES, NO SOONER THAN 30 DAYS AFTER COMPLETION OF THE PIPE INSTALLATION AND PLACEMENT OF FINAL COVER, THE CONTRACTOR IS TO PROVIDE POST INSTALLATION VISUAL/VIDEO CAMERA INSPECTIONS ON ALL STORM SEWER PIPES AND A SELECT NUMBER OF CULVERTS, VISUAL AND VIDEO INSPECTIONS MUST BE IN ACCORDANCE WITH THE VDOT 2016 ROAD AND BRIDGE STANDARDS SUPPLEMENTAL SPECIFICATIONS, SECTION 302.03(d), AND VTM 123.

ALLOWABLE TYPE OF STORM SEWER PIPE (UNLESS OTHERWISE SHOWN IN DRAINAGE DESCRIPTIONS) (SEE ROAD AND BRIDGE STANDARD PC-1 FOR HEIGHT OF COVER LIMITATIONS FOR EACH TYPE)

LOCATION	CONCRETE	ALUMINUM COATED TYPE 2 STEEL SPIRAL RIB	POLYMER COATED (10/10) CORRUGATED STEEL SPIRAL RIB	POLYMER COATED (10/10) CORRUGATED STEEL DOUBLE WALL (SMOOTH INTERIOR)	ALUMINUM SPIRAL RIB	POLYVINYLCHLORIDE (PVC) RIBBED PIPE (SMOOTH INTERIOR)	POLYETHYLENE (PE) CORRUGATED TYPE S	POLYPROPYLENE (PP) TYPE D OR S
DEVLIN ROAD	X			X		X	X	X
FOG LIGHT WY.	X	X	X	X	X	X	X	X
PIKE BRANCH WY.	X	X	X	X	X	X	X	X
JENNEL DR.	X	X	X	X	X	X	X	X

ALLOWABLE TYPE OF PIPE CULVERT (UNLESS OTHERWISE SHOWN IN DRAINAGE DESCRIPTIONS) (SEE ROAD AND BRIDGE STANDARD PC-1 FOR HEIGHT OF COVER LIMITATIONS FOR EACH TYPE)

LOCATION	CONCRETE	ALUMINUM COATED TYPE 2 CORRUGATED STEEL	POLYMER COATED (10/10) CORRUGATED STEEL	UNCOATED GALVANIZED CORRUGATED STEEL	GALVANIZED STEEL STRUCTURAL PLATE	GALVANIZED STEEL STRUCTURAL PLATE WITH THICKENED INVERT	CORRUGATED ALUMINUM ALLOY	CORRUGATED ALUMINUM ALLOY STRUCTURAL PLATE	POLYVINYLCHLORIDE (PVC) RIBBED PIPE (SMOOTH INTERIOR)	POLYETHYLENE (PE) CORRUGATED TYPE C	POLYETHYLENE (PE) CORRUGATED TYPE S	POLYPROPYLENE (PP) TYPE D OR S
DEVLIN ROAD	X	X	X			X	X	X	X	X	X	X
FOG LIGHT WY.	X	X	X		X	X	X	X	X	X	X	X
PIKE BRANCH WY.	X	X	X		X	X	X	X	X	X	X	X
PIKE BRANCH WY.	X	X	X		X	X	X	X	X	X	X	X
JENNEL DR.	X	X	X		X	X	X	X	X	X	X	X
ENTRANCE	X	X	X	X	X	X	X	X	X		X	X

Sheet 7	7-11	I-S1'd.SWM-1 Req'd. Top of Risers = 254.00, Bottom Elev = 244.75 3" Diameter Low Flow Orifice Req'd., Inv.=250.00 Details not provided with this submission	8D-3 to 8D-4 53 - 15' Storm Sewer Pipe Req'd (2' Cover) Slit-Tight Joint Type Req'd. Inv(1n)239.20 Inv(out)238.86
7-1 132' - 42" Conc. Pipe Class III Req'd. (15' Cover) Slit-Tight Joint Type Req'd. Inv(1n)255.25 Inv(out)252.50 Countersunk Pipes 6" Below Specified Inverts 2-Std. ES-1 (42") Req'd. 10 CY EC-1 Class A1 Type B Installation Req'd.	7-11 to 7-12 57' - 18" Concrete Pipe Req'd. (5' Cover) Leak Resistant Joint Type Req'd. Inv(1n)247.75 Inv(out)247.50 57" Concrete Cradle Pipe-Spec. Section 2.32 (AASHTO M170) Gasket-Spec. 212 (ASTM C443)	8D-4 I-Modified Monolithic Structure with DI-2C Req'd. L-8' H-3.1' Inv.=238.76 Top=241.86 I-S1'd. IS-1 Req'd. Connect (2) UD-4 and (1) CD-2 to Structure Structure Height Less Than Minimum Required Details not provided with this submission	8D-4 to 8D-5 27 - 18" Storm Sewer Pipe Req'd (2' Cover) Slit-Tight Joint Type Req'd. Inv(1n)238.76 Inv(out)238.62
7-2 I-S1'd DI-3B Req'd. L-8' H-5.1' Inv.=254.90 Top=260.02 Connect (1) UD-2 to Structure	7-12 I-S1'd. ES-1 (18") Req'd. Inv.=247.50 2 CY EC-1 Class A1 Type A Installation Req'd.	8D-5 I-S1'd. ES-1 (18") Req'd. Inv.=238.62 2 CY EC-1 Class A1 Type A Installation Req'd.	8D-5 to 8D-6 28 - 15" Storm Sewer Pipe Req'd (2' Cover) Slit-Tight Joint Type Req'd. Inv(1n)238.94 Inv(out)238.80
7-2 to 7-7 38' - 15" Storm Sewer Pipe Req'd (4' Cover) Slit-Tight Joint Type Req'd. Inv(1n)254.90 Inv(out)254.70	Sheet 8 8-1 180' - 60" Conc. Pipe Class III Req'd. (3' Cover) (35 Degree Skew) Slit-Tight Joint Type Req'd. Inv(1n)249.00 Inv(out)248.00 Countersunk Pipes 6" Below Specified Inverts I-Std. EW-2S (60") Req'd. I-Mod. EW-2S (60") Req'd. Details not provided with this submission 48 CY EC-1 Class I Type B Installation Req'd.	8D-6 to 8D-7 28 - 15" Storm Sewer Pipe Req'd (2' Cover) Slit-Tight Joint Type Req'd. Inv(1n)238.94 Inv(out)238.80	8D-6 to 8D-7 28 - 15" Storm Sewer Pipe Req'd (2' Cover) Slit-Tight Joint Type Req'd. Inv(1n)238.94 Inv(out)238.80
7-3 I-S1'd DI-3B Req'd. L-8' H-4.9' Inv.=253.65 Top=258.59 Connect (1) UD-2 to Structure	8-2 Structure number not assigned	8D-7 I-S1'd. ES-1 (15") Req'd. Inv.=238.80 2 CY EC-1 Class A1 Type A Installation Req'd.	
7-3 to 7-8 38' - 15" Storm Sewer Pipe Req'd (4' Cover) Slit-Tight Joint Type Req'd. Inv(1n)253.65 Inv(out)253.45	8-3 I-S1'd DI-3C Req'd. L-8' H-4.5' Inv.=252.46 Top=256.92 Connect (1) UD-4 and (1) UD-1 to Structure Connect (1) UD-2 and (1) CD-2 to Structure		
7-4 I-S1'd DI-3B Req'd. L-8' H-5.4' Inv.=251.85 Top=257.24 I-S1'd. IS-1 Req'd.	8-3 to 7-4 106' - 15" Storm Sewer Pipe Req'd (4' Cover) Slit-Tight Joint Type Req'd. Inv(1n)252.60 Inv(out)252.05		
7-4 to 7-5 41' - 15" Storm Sewer Pipe Req'd (4' Cover) Slit-Tight Joint Type Req'd. Inv(1n)251.85 Inv(out)251.64	8-4 I-S1'd Precast Doghouse with Footing Base Unit B-2 H-5.1' 84" Req'd. I-S1'd Precast Flat Slab R-2 84" Req'd. I-S1'd Precast Top Unit T-DI-2 48" Req'd. L-8' H-2.3' Inv.=247.64 Top=255.71 Connect (2) UD-4 and (1) CD-2 to Structure		
7-5 I-S1'd DI-2B Req'd. L-8' H-4.7' Inv.=251.54 Top=256.27 I-S1'd. IS-1 Req'd. Connect (1) UD-4 to Structure	8-5 I-S1'd DI-2B Req'd. L-8' H-4.2' Inv.=251.65 Top=255.81 Connect (1) UD-4 to Structure		
7-5 to 7-9 56' - 15" Storm Sewer Pipe Req'd (4' Cover) Slit-Tight Joint Type Req'd. Inv(1n)251.54 Inv(out)251.25	8-5 to 8-4 52' - 15" Storm Sewer Pipe Req'd (3' Cover) Slit-Tight Joint Type Req'd. Inv(1n)251.65 Inv(out)251.39		
7-6 I-S1'd. DI-5 Type I Grate Req'd. S1'd. PG-2A Type B2 Cover H-4.8' Inv.=252.25 Top =257.01	Sheet 8D 8D-1 51' - 54" Conc. Pipe Class III Extension Req'd. (1' Cover) (30 Degree Skew) (Triple Line - 17' each line) Inv(1n) 237.25 Inv(out) 236.75 I-S1'd. EW-7S Req'd. 55 CY S1'd. EC-1 Class I Req'd. Type B Installation Req'd. Pipe size and inverts assumed		
7-6 to 7-4 56' - 15" Storm Sewer Pipe Req'd (5' Cover) Slit-Tight Joint Type Req'd. Inv(1n)252.25 Inv(out)251.95	8D-2 I-S1'd DI-2B Req'd. L-8' H-4.0' Inv.=242.97 Top=246.97 Connect (1) UD-4 to Structure		
7-7 I-S1'd DI-2B Req'd. L-8' H-4.5' Inv.=254.60 Top=259.05 Connect (1) UD-4 and (1) UD-3 to Structure	8D-2 to 8D-3 215 - 15" Storm Sewer Pipe Req'd (3' Cover) Slit-Tight Joint Type Req'd. Inv(1n)242.97 Inv(out)239.30		
7-7 to 7-8 207' - 15" Storm Sewer Pipe Req'd (3' Cover) Slit-Tight Joint Type Req'd. Inv(1n)254.60 Inv(out)253.35	8D-3 I-Modified Monolithic Structure with DI-2B Req'd. L-8' H-3.1' Inv.=239.20 Top=242.30 I-S1'd. IS-1 Req'd. Connect (1) UD-4 to Structure Structure Height Less Than Minimum Required Details not provided with this submission		
7-8 I-S1'd DI-2B Req'd. L-8' H-4.4' Inv.=253.25 Top=257.61 I-S1'd. IS-1 Req'd. Connect (1) UD-4 to Structure			
7-8 to 7-9 123' - 15" Storm Sewer Pipe Req'd (3' Cover) Slit-Tight Joint Type Req'd. Inv(1n)253.25 Inv(out)252.55			
7-9 I-S1'd DI-2B Req'd. L-8' H-5.4' Inv.=251.25 Top=256.68 I-S1'd. IS-1 Req'd. Connect (1) UD-4 to Structure			
7-9 to 7-10 28' - 24" Storm Sewer Pipe Req'd (5' Cover) Slit-Tight Joint Type Req'd. Inv(1n)251.25 Inv(out)251.00			
7-10 I-S1'd. ES-1 (24") Req'd. Inv.=251.00 3 CY EC-1 Class A1 Type A Installation Req'd.			

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

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PH PLANS

VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 2K(1)
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NOVA DISTRICT

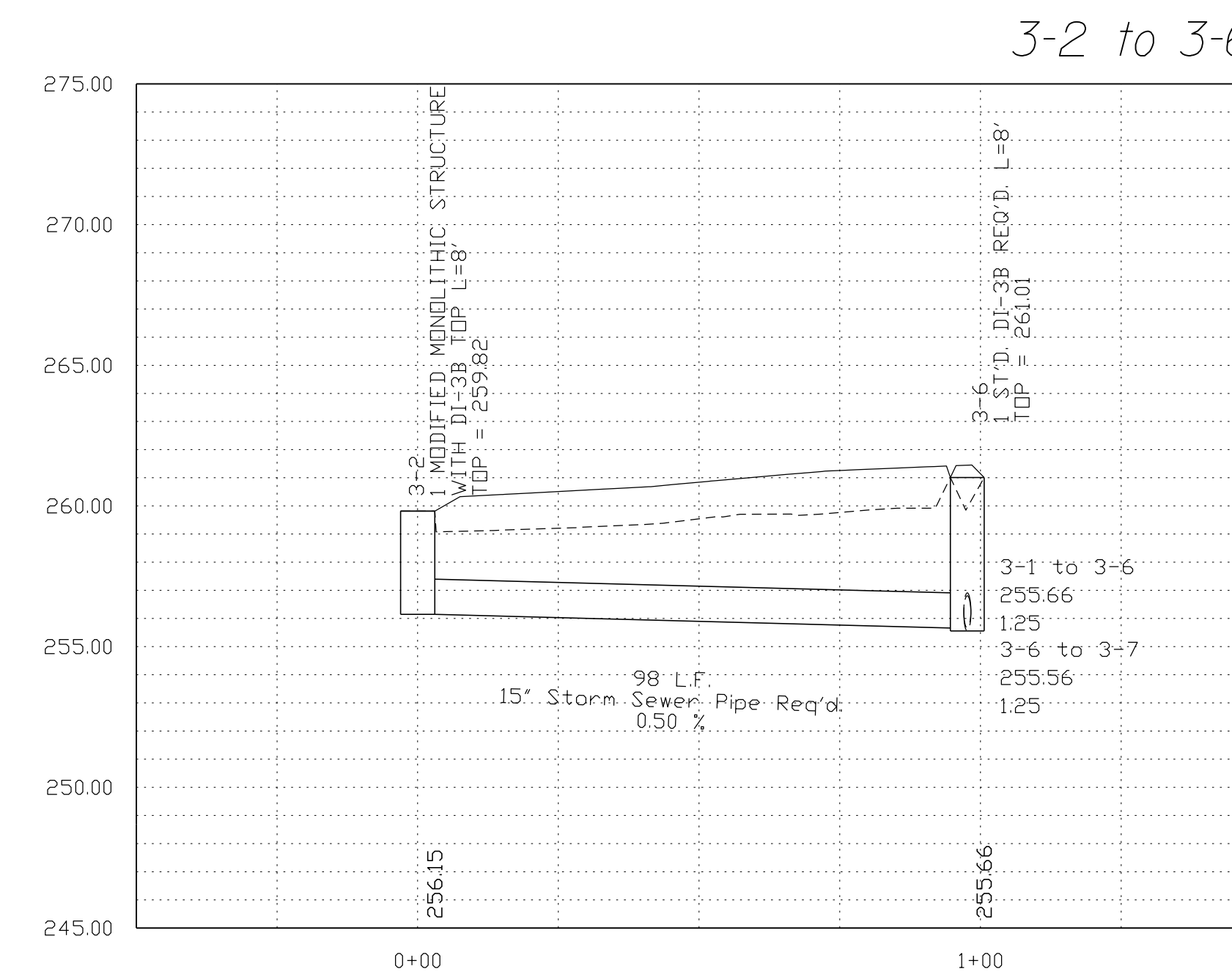
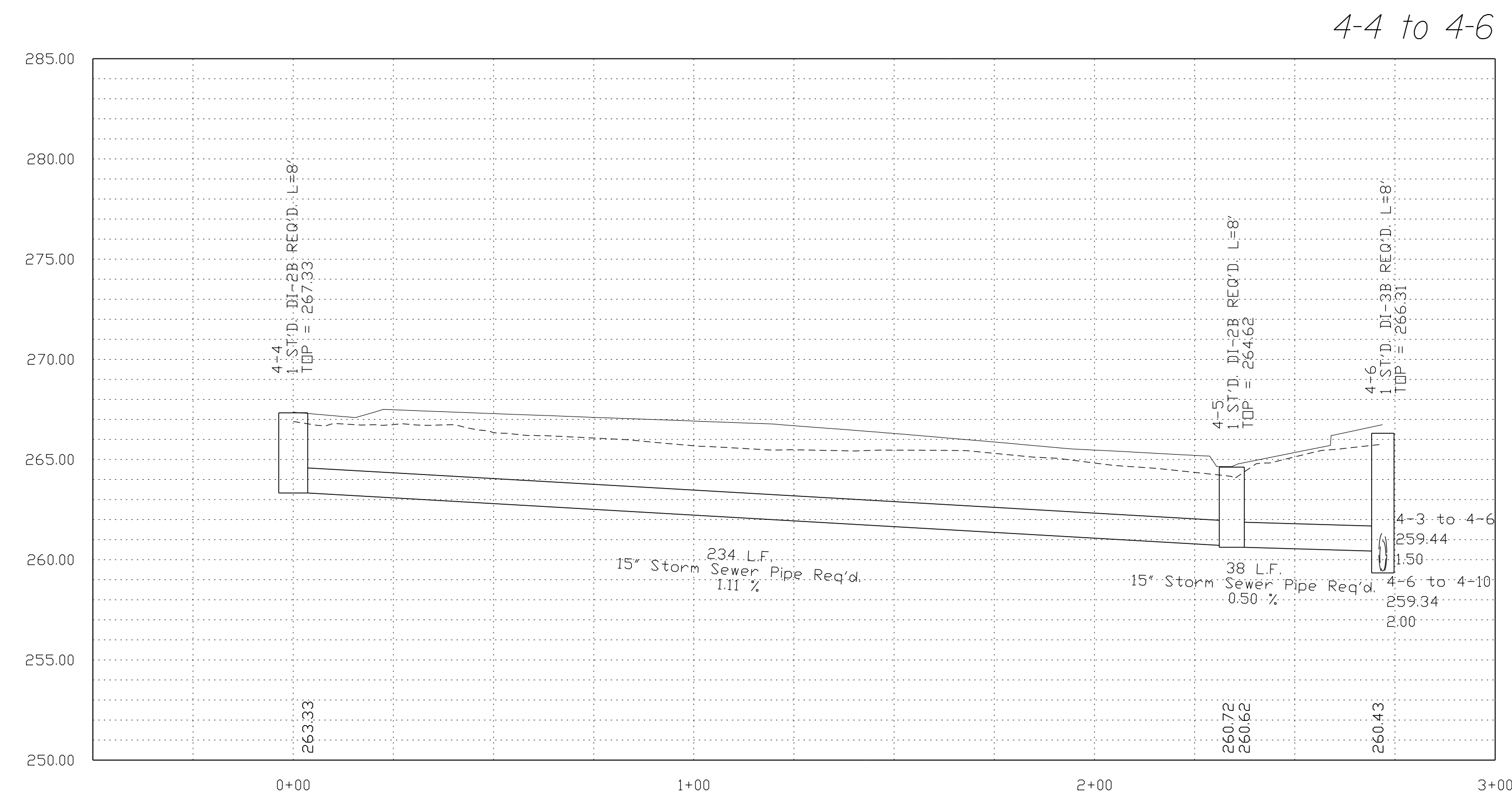
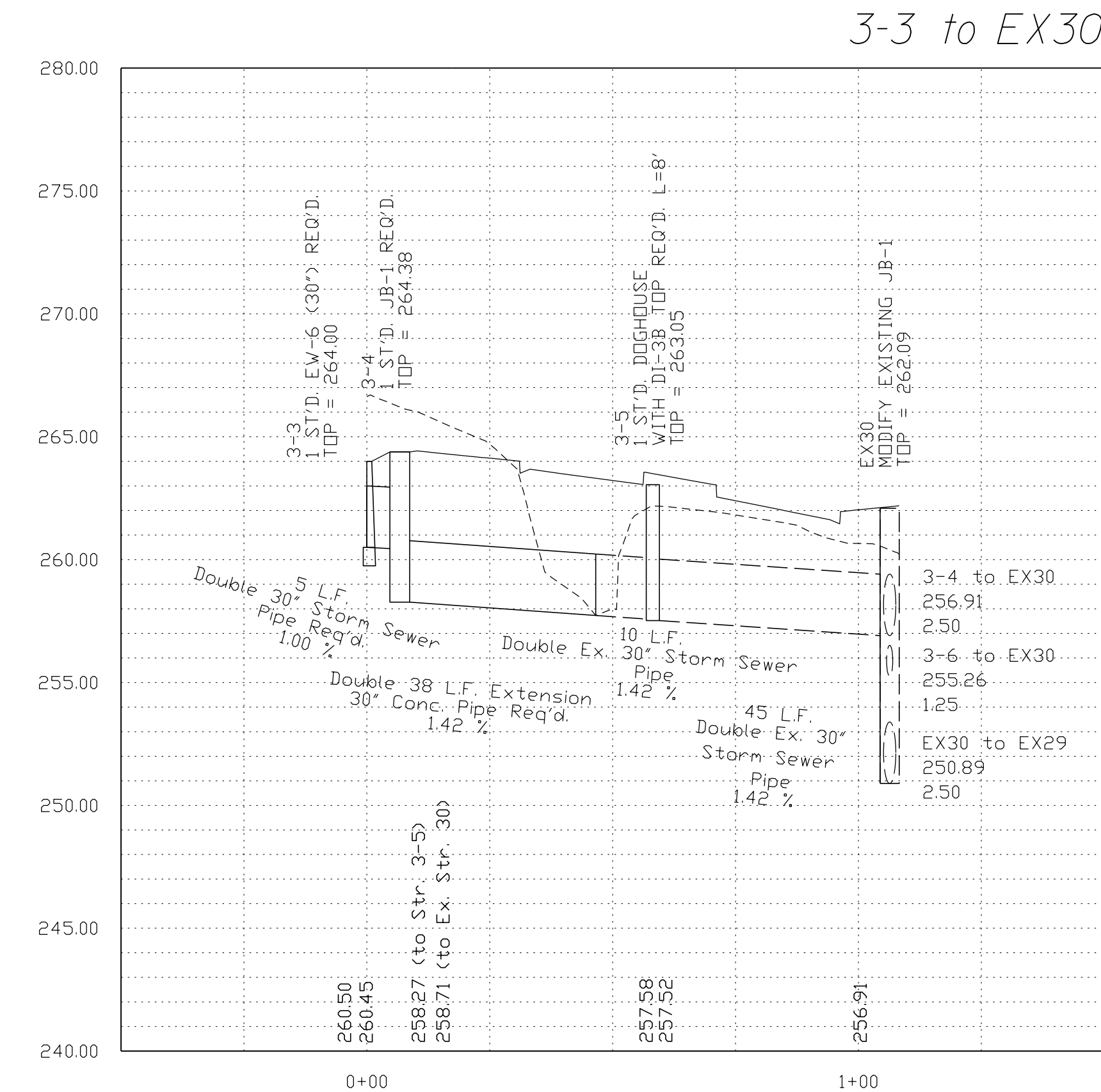
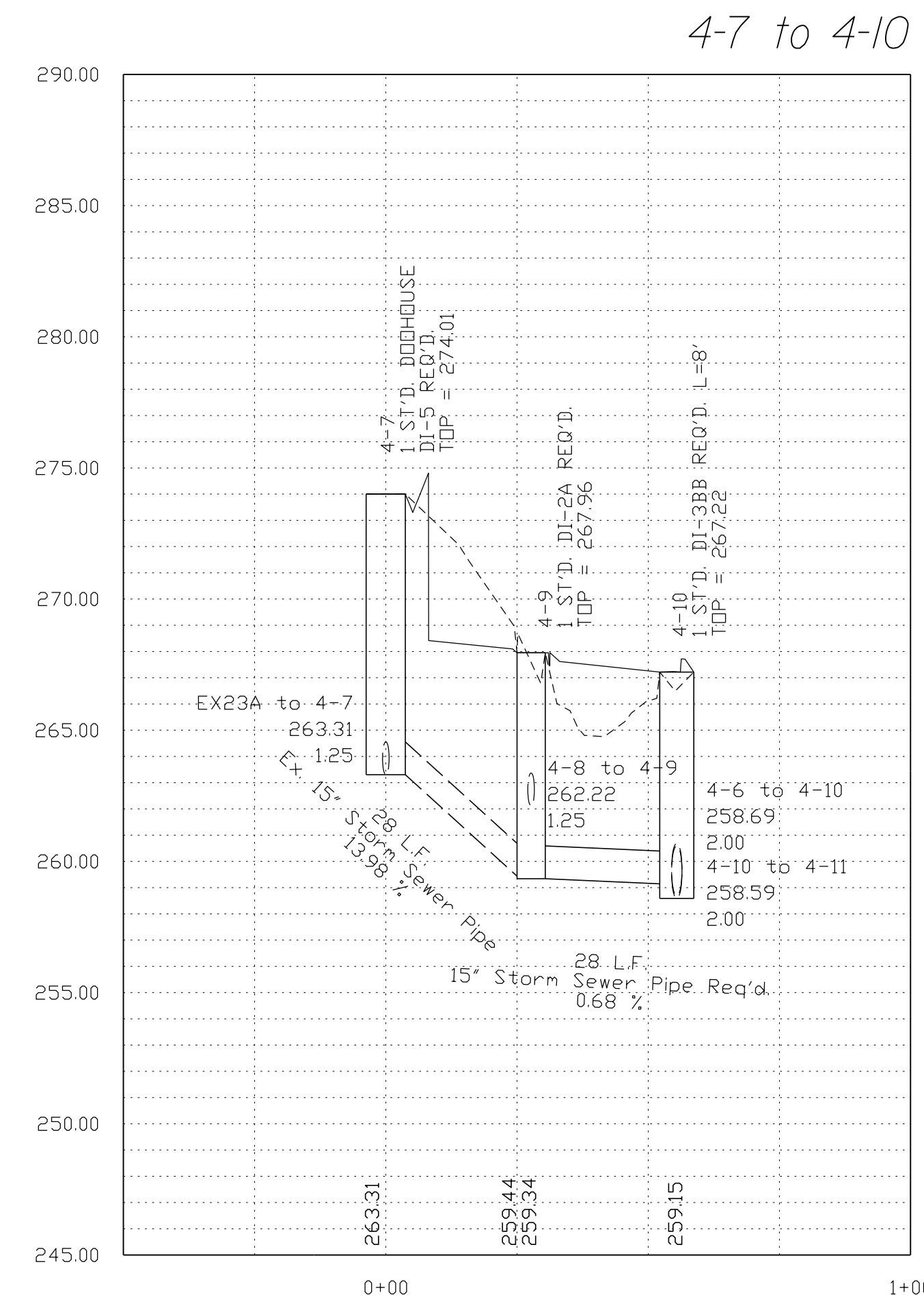
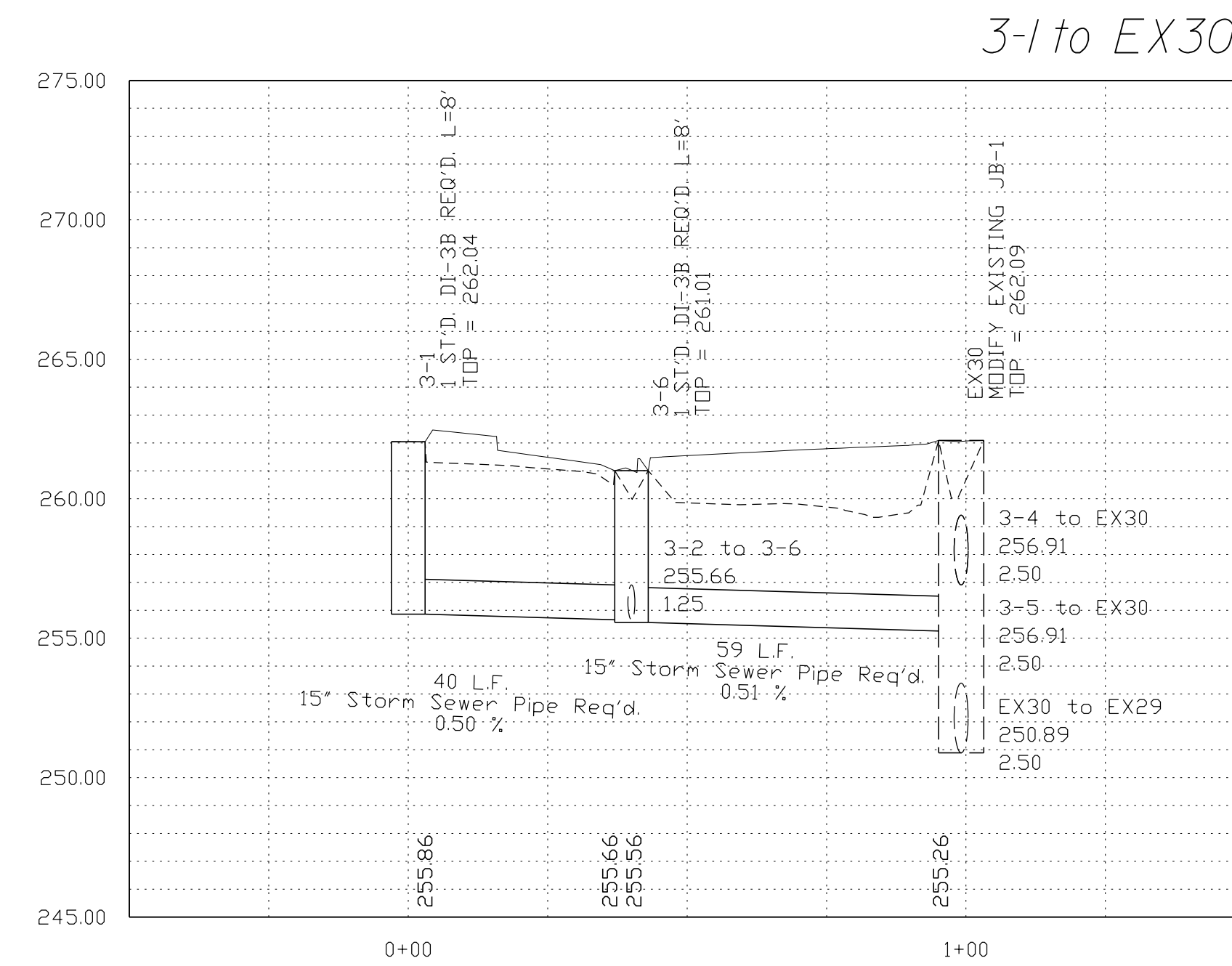
12/8/2021

PROJECT MANAGER_PWC DOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoullis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A_Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

Storm Sewer Profiles

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621			
				0621-076-610 PE101 CS01 RW201	2L

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

12/8/2021

SCALE
V: 1"=5'
H: 1"=25'

Legend
 ——— DENOTES PROP.GRADE
 - - - - DENOTES EXIST.GROUND
 - - - - DENOTES HGL
 - - - - DENOTES EX.STR.OR PIPE

VDOT PROJECT NO. 0621-076-610
 PWC DOT PROJECT NO. SPR2021-00067

SHEET NO. 2L

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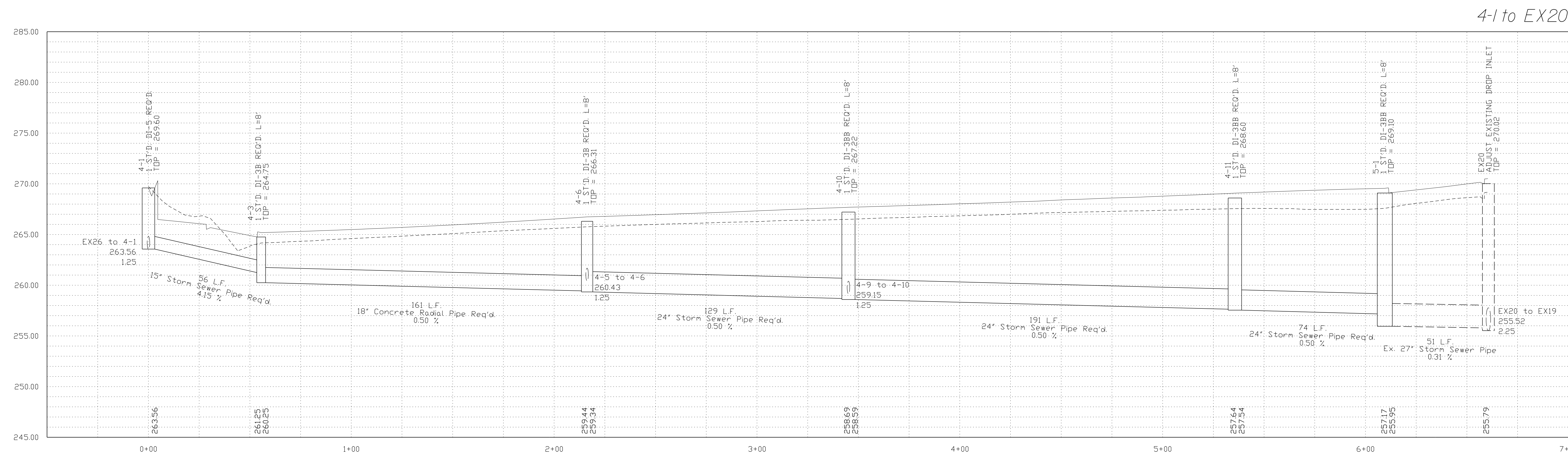
PH PLANS

PROJECT MANAGER_PWCDDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

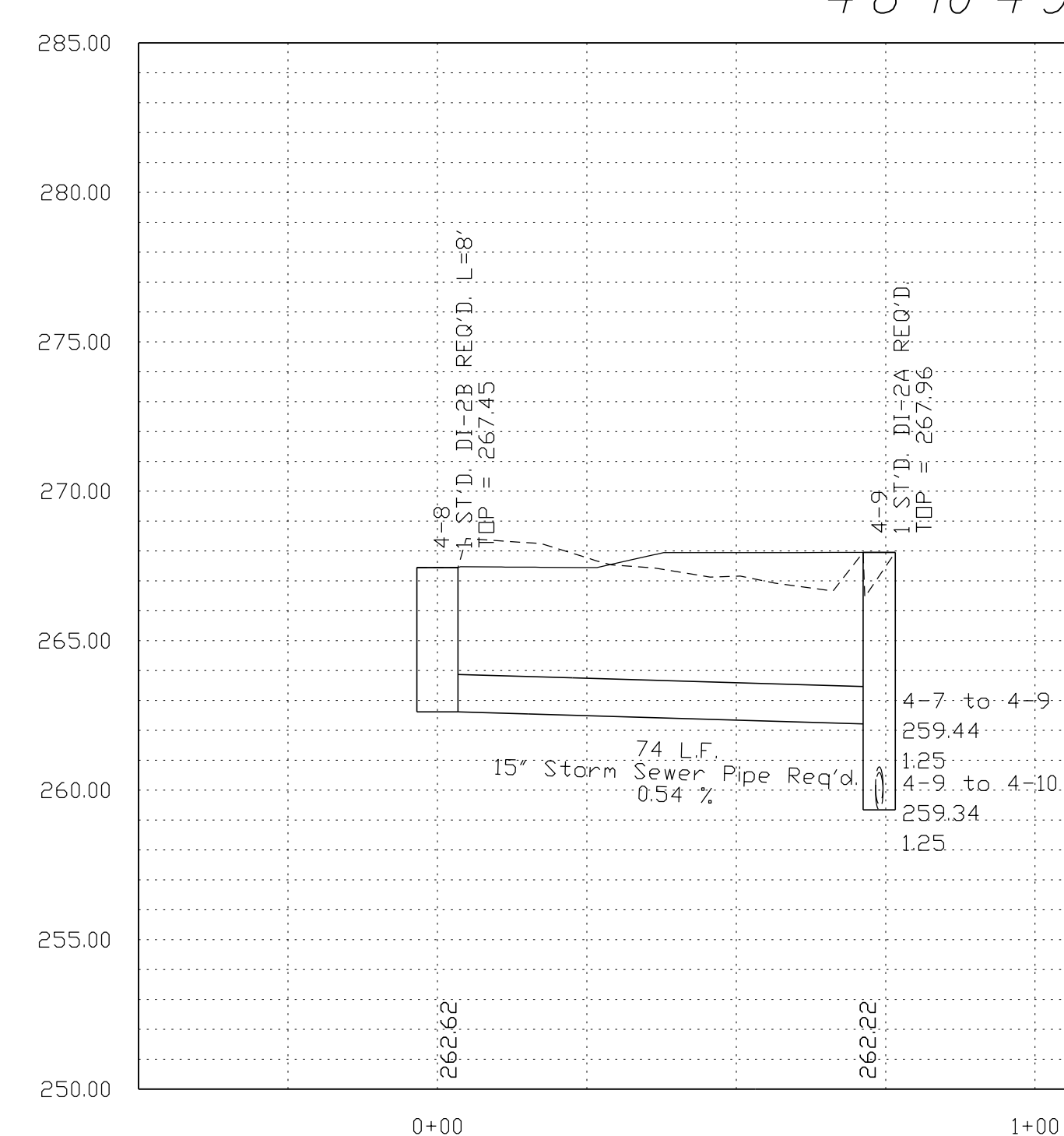
Storm Sewer Profiles

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621			
				0621-076-610 PE101 CS01 RW201	2L(1)

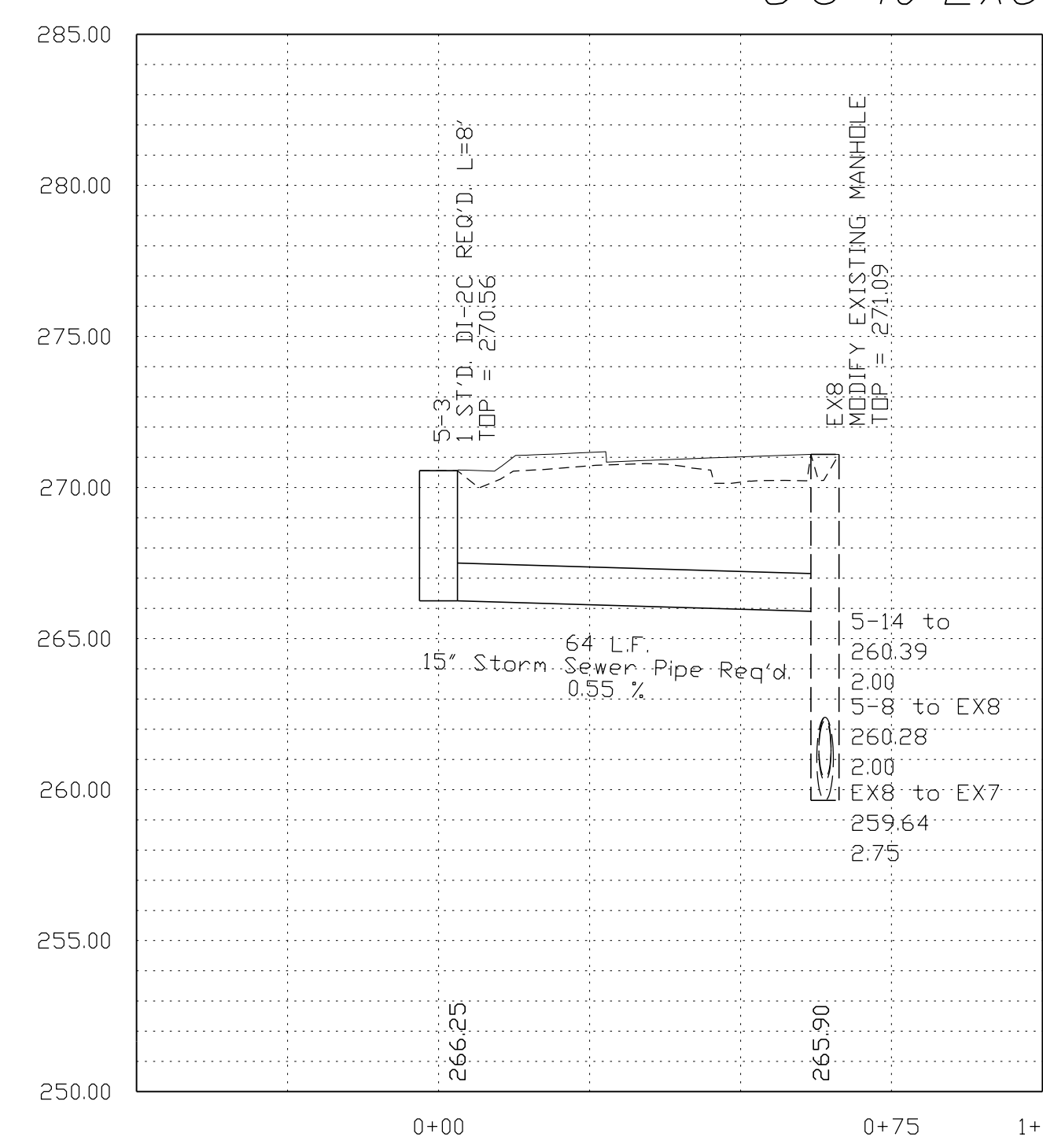
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



4-8 to 4-9



5-3 to EX8



NOVA DISTRICT

12/8/2021

SCALE
V: 1"=5'
H: 1"=25'

Legend
 ——— DENOTES PROP.GRADE
 - - - - DENOTES EXIST.GROUND
 - - - - DENOTES HGL
 - - - - DENOTES EX.STR.OR PIPE

VDOT PROJECT NO.
0621-076-610
PWCDDOT PROJECT NO.
SPR2021-00067

SHEET NO.
2L(1)

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PH PLANS

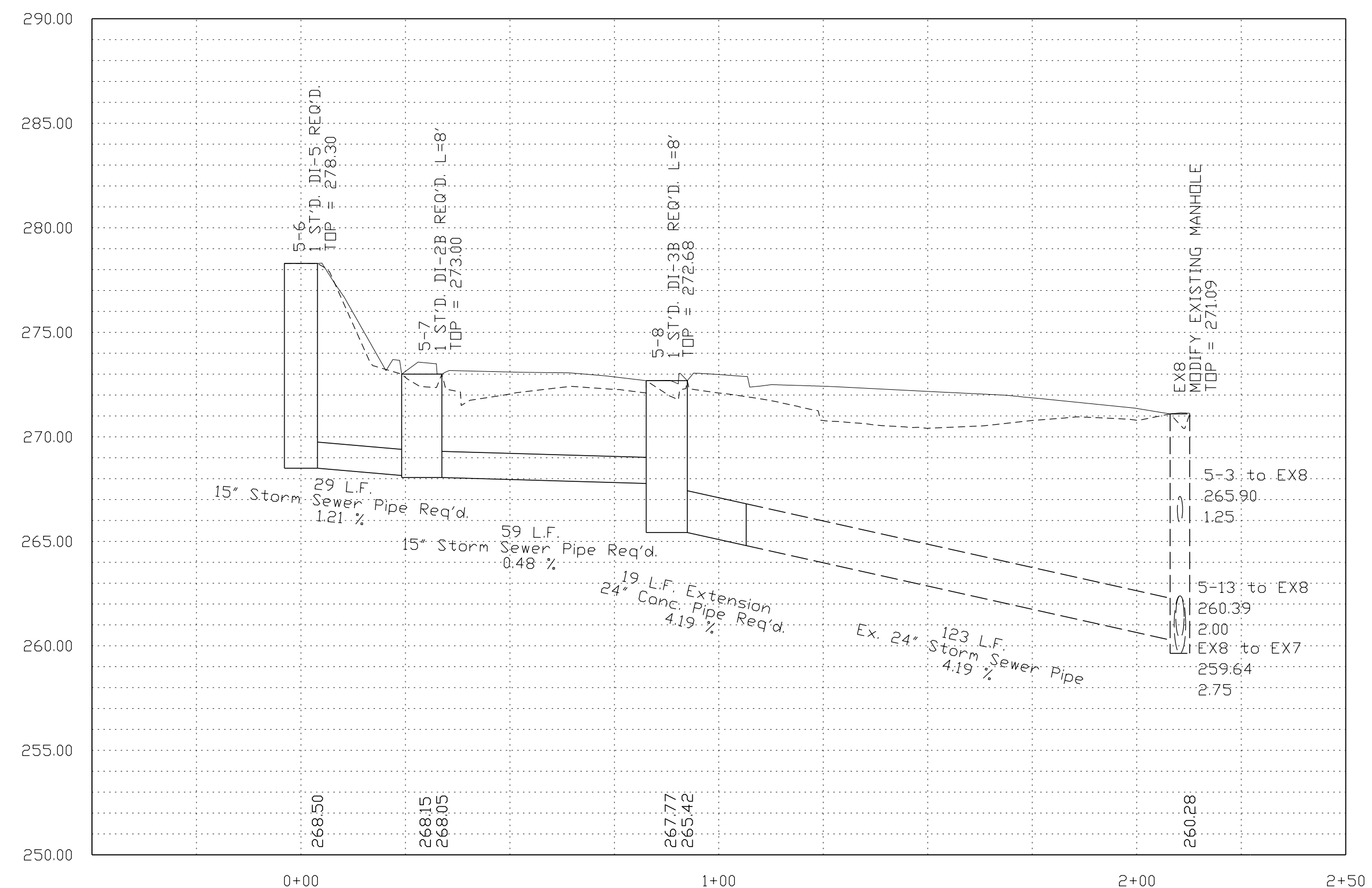
PROJECT MANAGER: PWCDOT: Awwar, Motarneh, P.E. (571) 316-9624
 SURVEYED BY, DATE: RDA: Nicholas Kougoultis, L.S. (703) 334-9302; March, 2021
 DESIGN BY: RDA: Mack, A. Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March, 2021

Storm Sewer Profiles

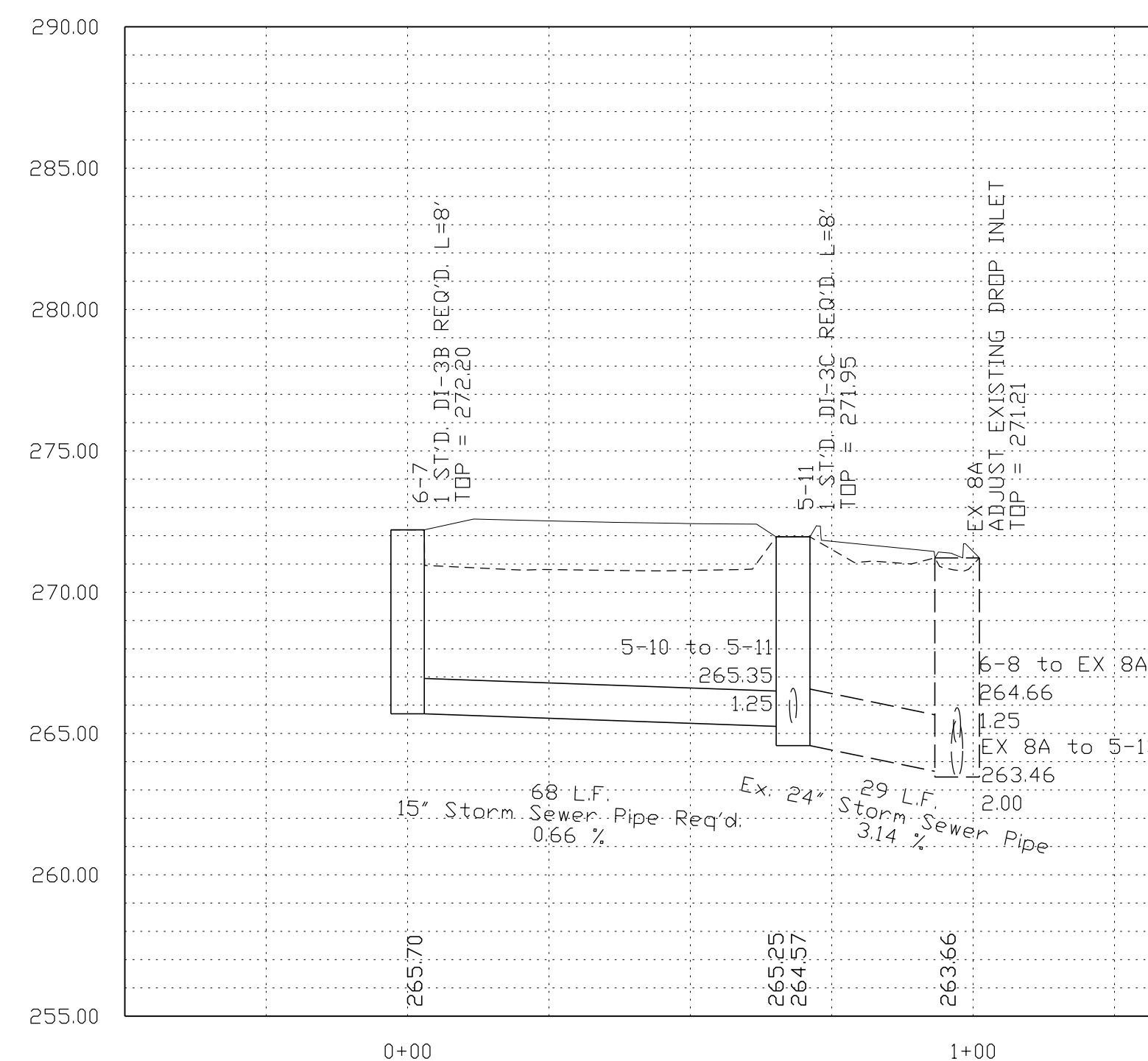
REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621			
				0621-076-610 PE101 CS01 RW201	21(2)

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

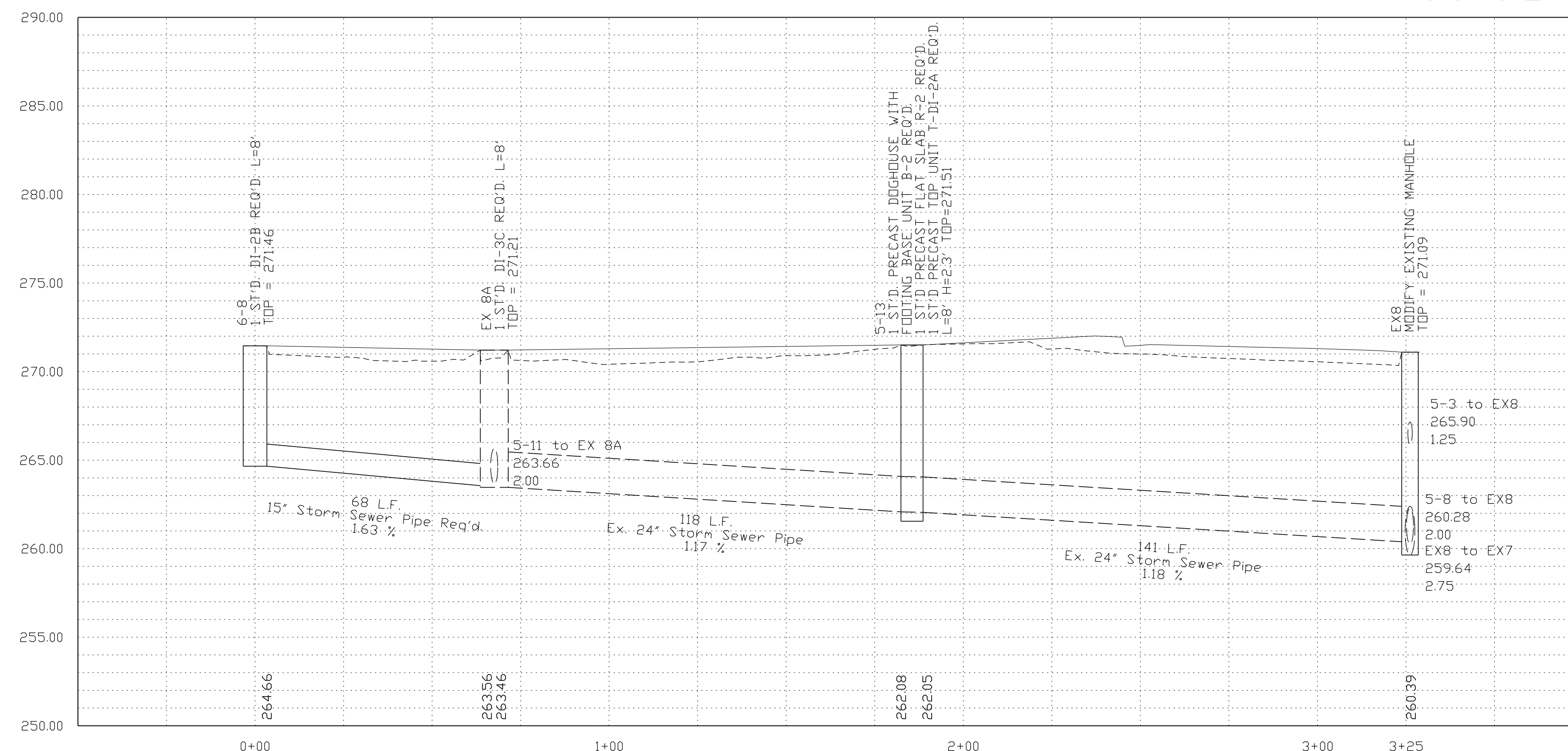
5-6 to EX8



6-7 to EX 8A



6-8 to EX8



NOVA DISTRICT

12/8/2021

SCALE
 V: 1"=5'
 H: 1"=25'

Legend
 ——— DENOTES PROP. GRADE
 - - - - - DENOTES EXIST. GROUND
 - - - - - DENOTES HGL
 - - - - - DENOTES EX. STR. OR PIPE

VDOT PROJECT NO. 0621-076-610	SHEET NO. 21(2)
PWCDOT PROJECT NO. SPR2021-00067	

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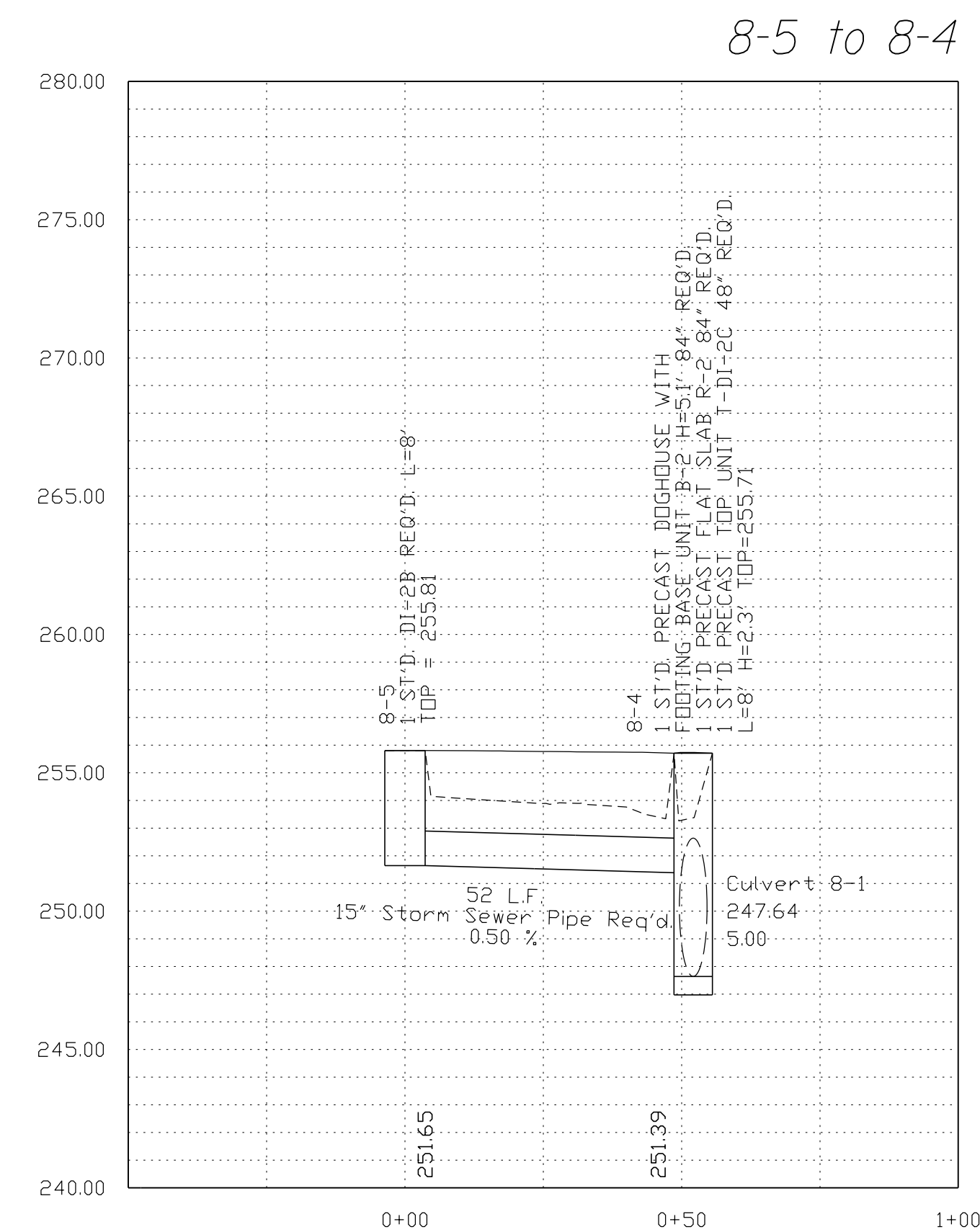
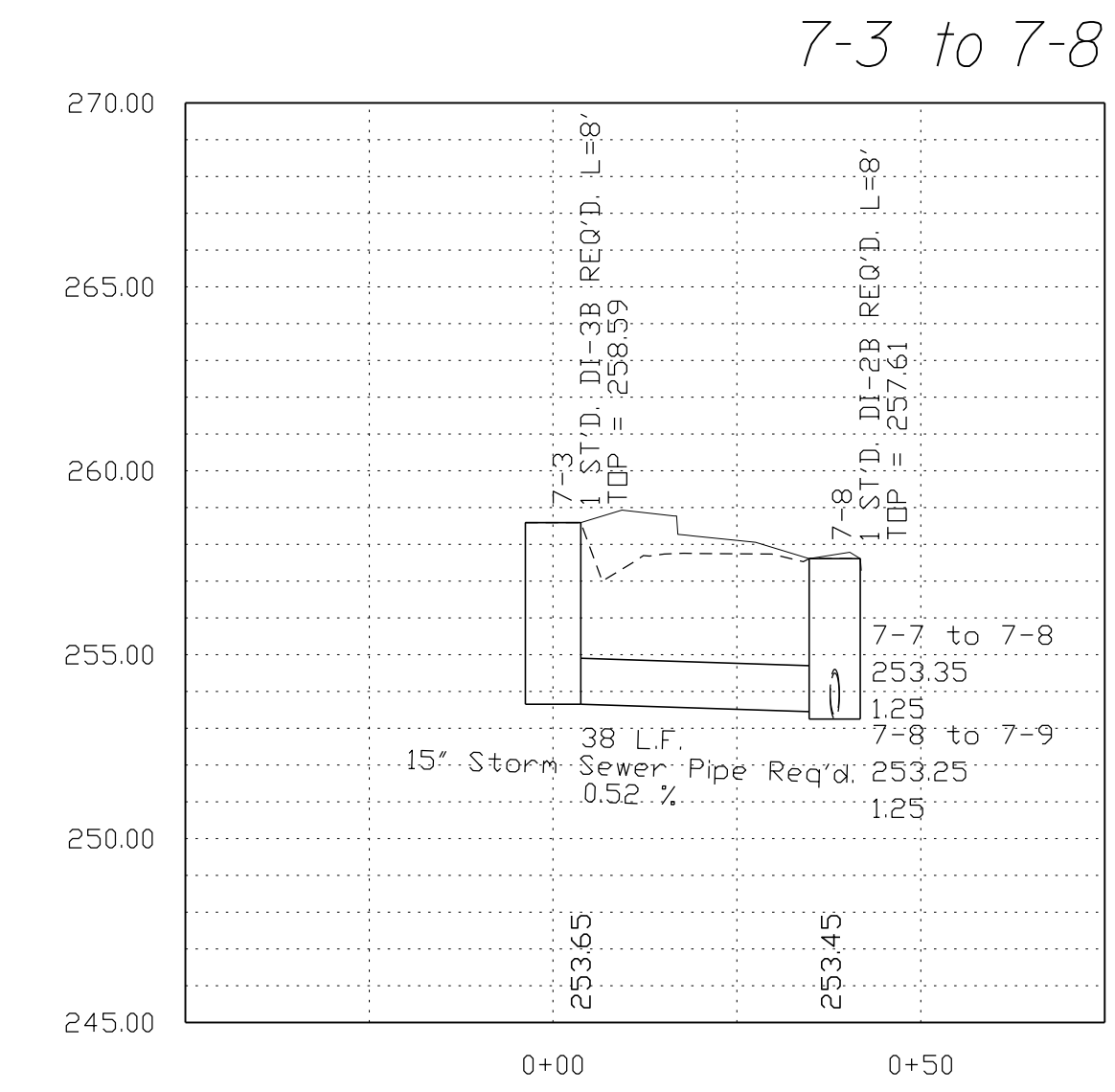
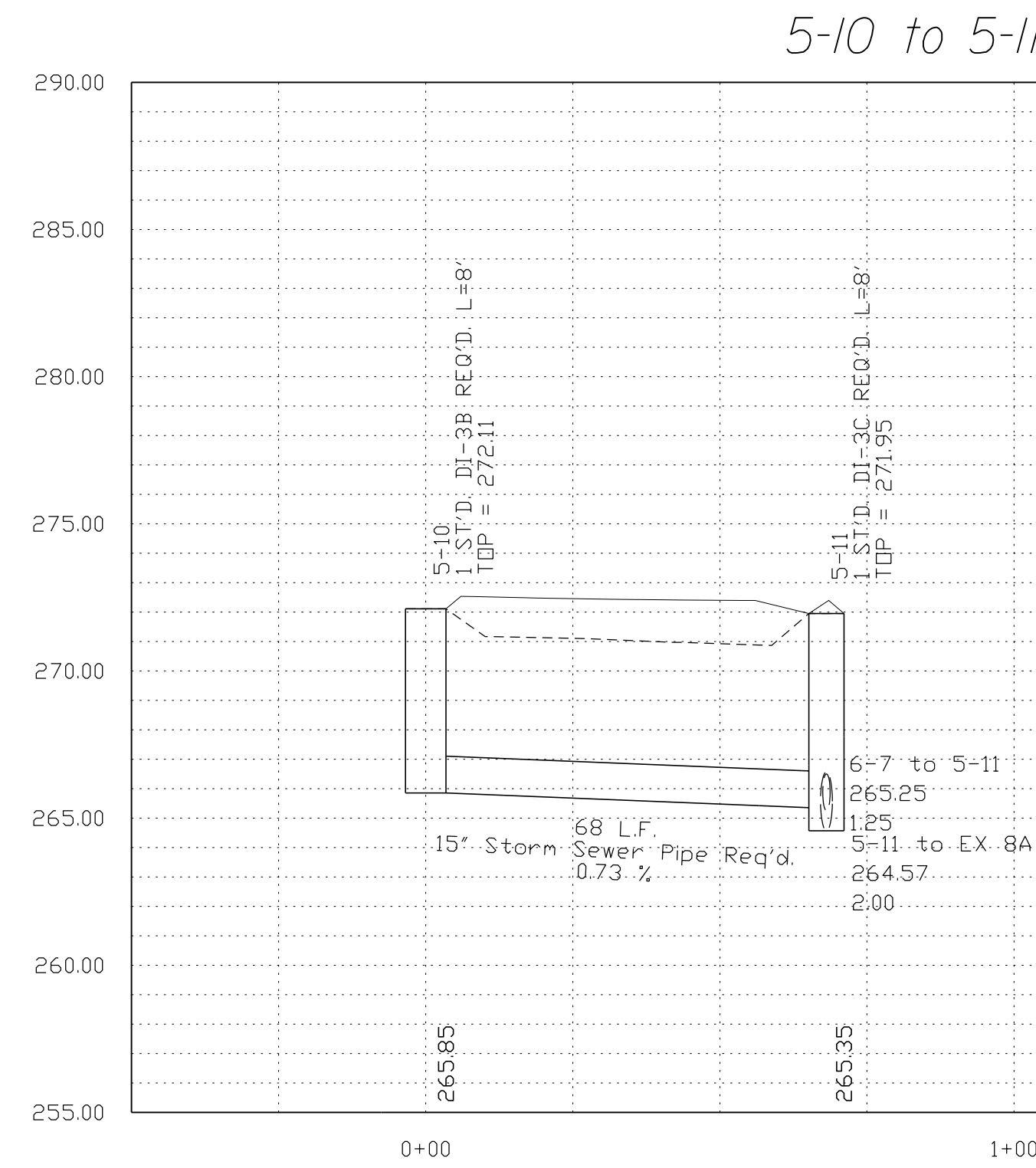
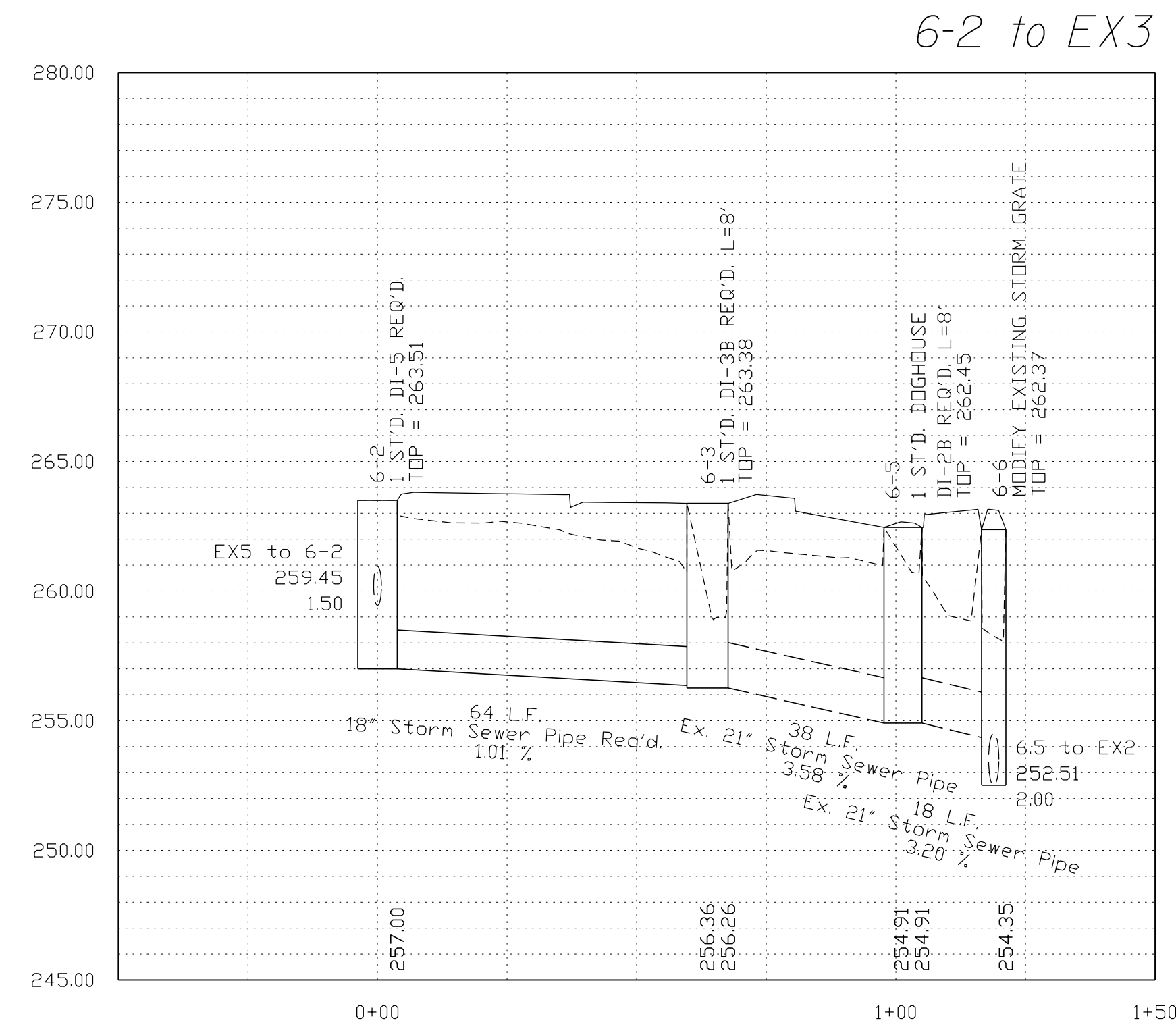
PH PLANS

PROJECT MANAGER_PWCDDOT: Aowar_Mohamed, P.E. (571) 316-9624
 SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
 DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

Storm Sewer Profiles

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621			
				0621-076-610 PE101 CS01 RW201	21(3)

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

12/8/2021

SCALE
 V: 1"=5'
 H: 1"=25'

Legend
 ——— DENOTES PROP.GRADE
 - - - - DENOTES EXIST.GROUND
 - - - - DENOTES HGL
 - - - - DENOTES EX.STR.OR PIPE

VDOT PROJECT NO. 0621-076-610 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 21(3)
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PH PLANS

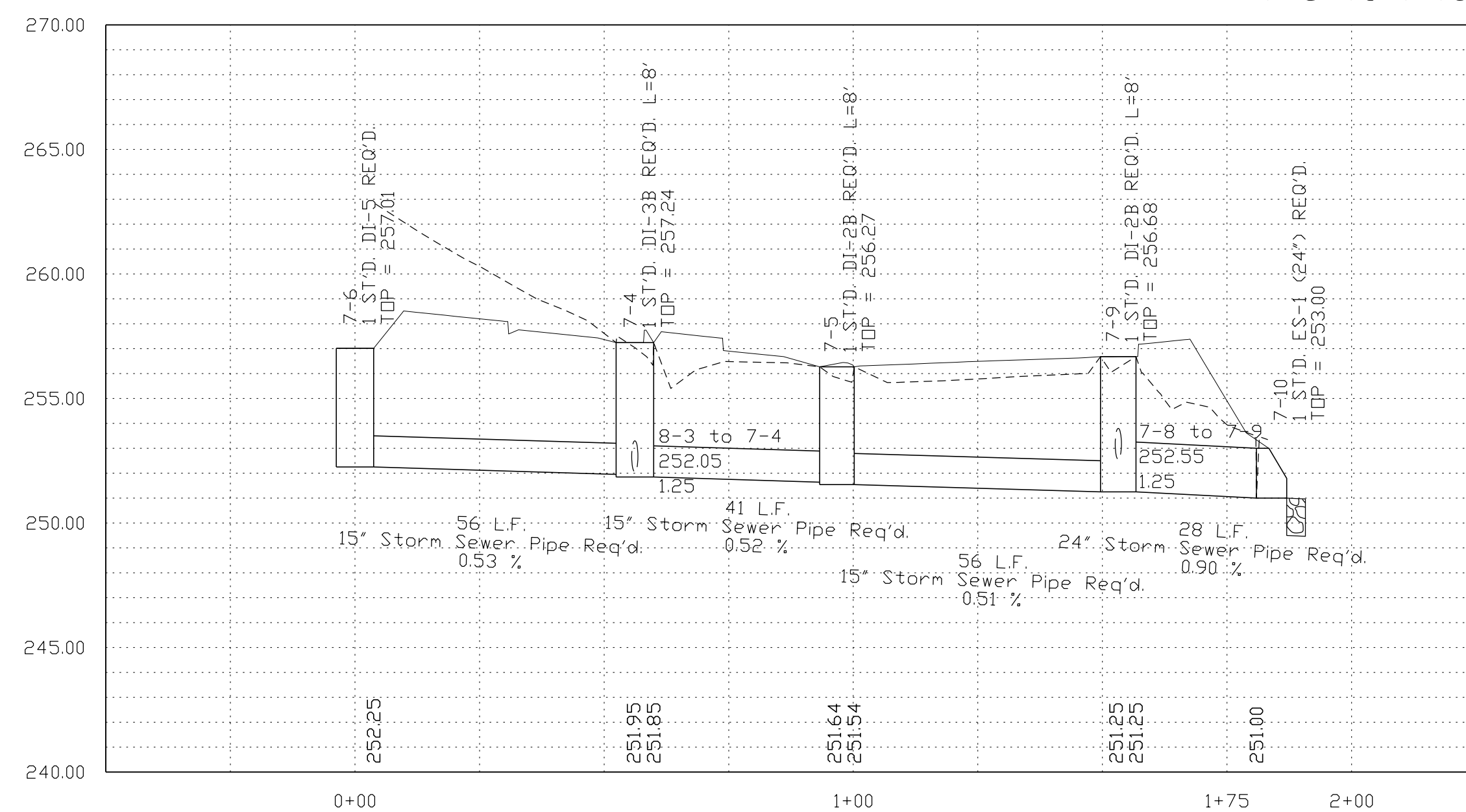
PROJECT MANAGER: PWCDOT: Awwar, Motbarneh, P.E. (571) 316-9624
 SURVEYED BY, DATE: RDA: Nicholas Kougoullis, L.S. (703) 334-9302; March, 2021
 DESIGN BY: RDA: Mack, A. Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March, 2021

Storm Sewer Profiles

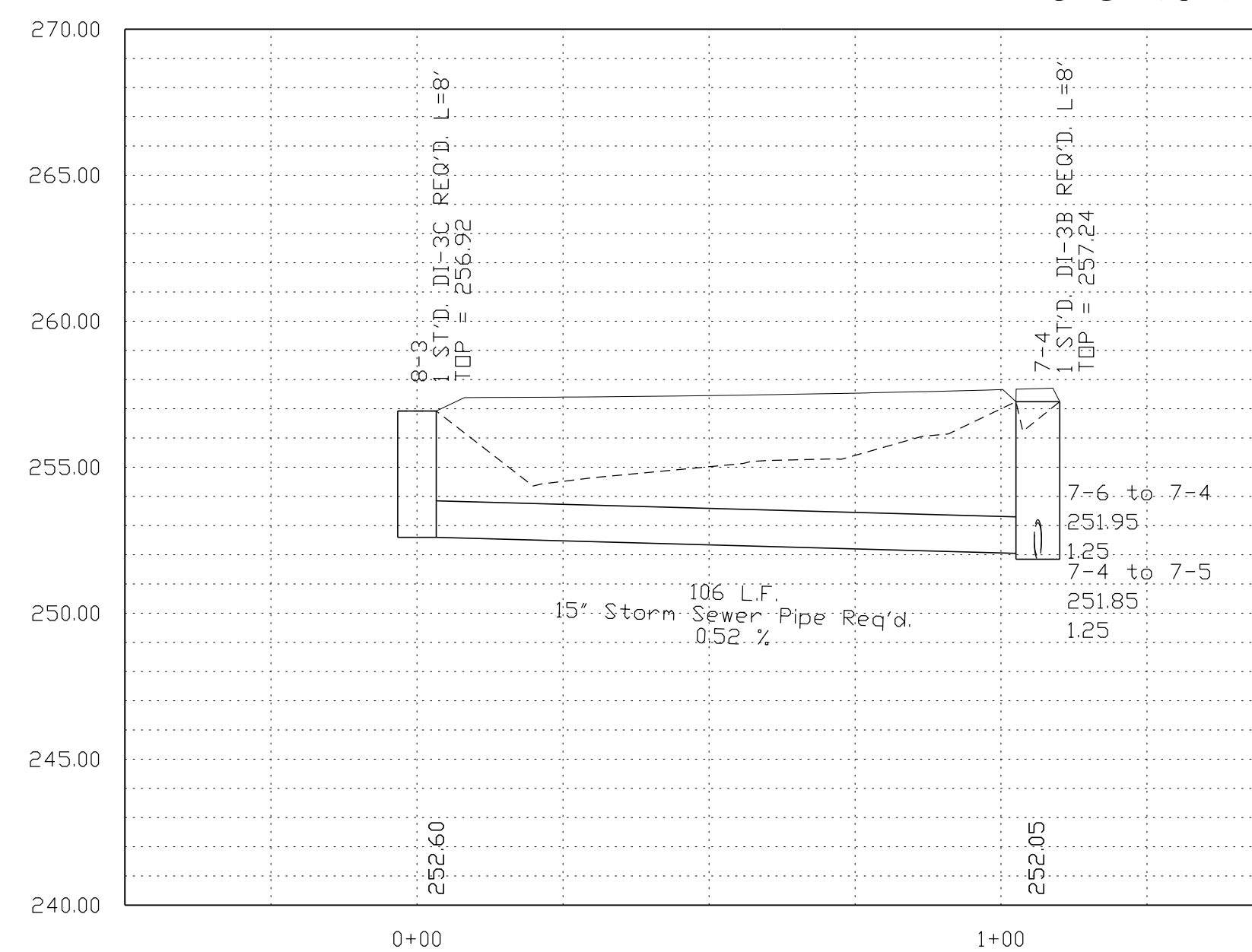
REVISED	STATE	STATE		SHEET NO.
	ROUTE	VDOT PROJECT NO.		
	VA.	621	0621-076-610 PE101 CS01 RW201	2L(4)

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

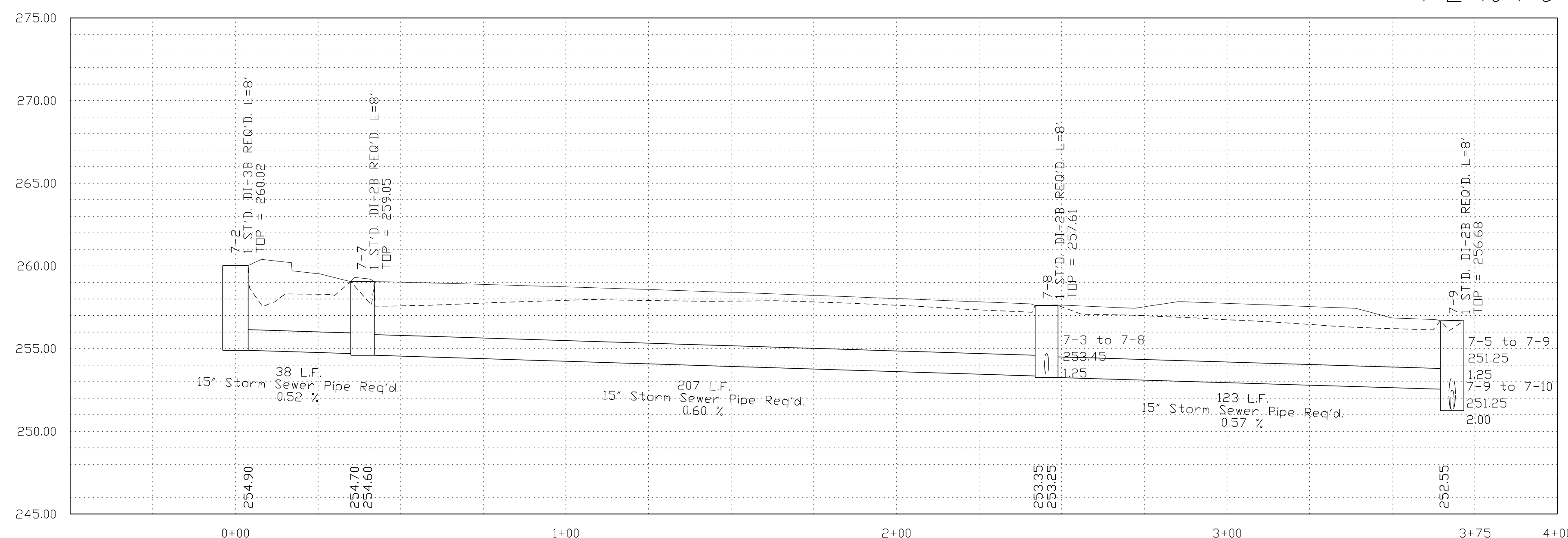
7-6 to 7-10



8-3 to 7-4



7-2 to 7-9



NOVA DISTRICT

12/8/2021

Legend

- DENOTES PROP. GRADE
- DENOTES EXIST. GROUND
- DENOTES HGL
- DENOTES EX. STR. OR PIPE

SCALE
 V: 1"=5'
 H: 1"=25'

VDOT PROJECT NO. 0621-076-610
 PWCDOT PROJECT NO. SPR2021-00067

SHEET NO. 2L(4)

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

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PH PLANS

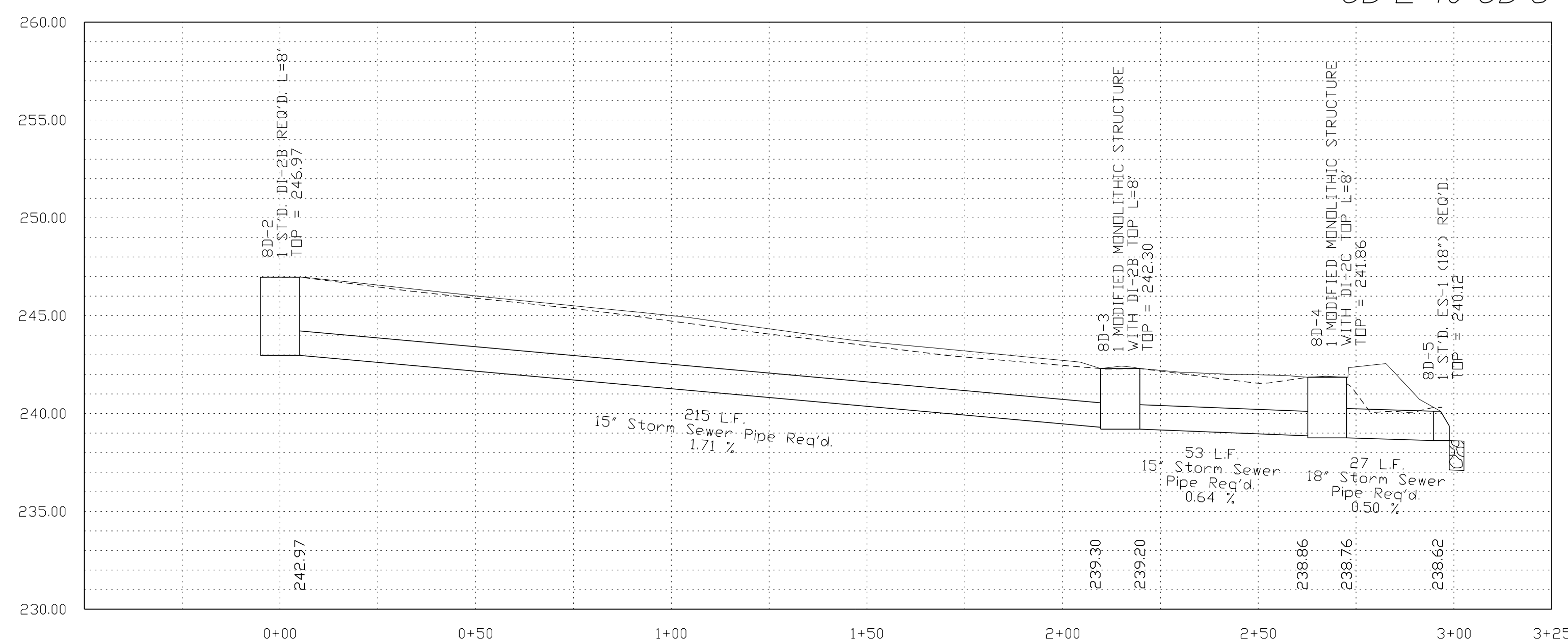
PROJECT MANAGER PWCDOT: Awwar, Motarneh, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas Kougoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

Storm Sewer Profiles

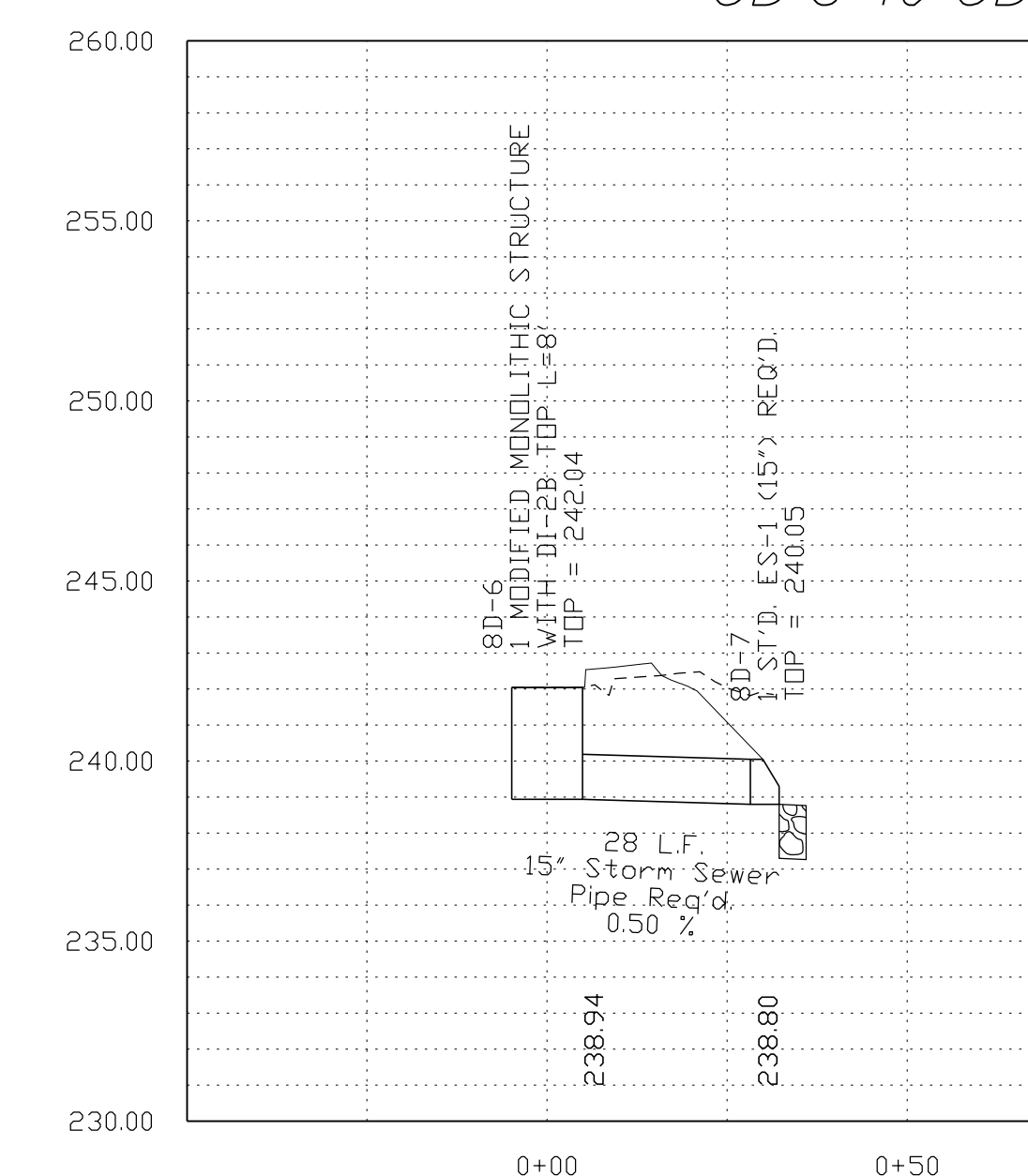
REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621			
				0621-076-610 PE101 CS01 RW201	2L(5)

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

8D-2 to 8D-5

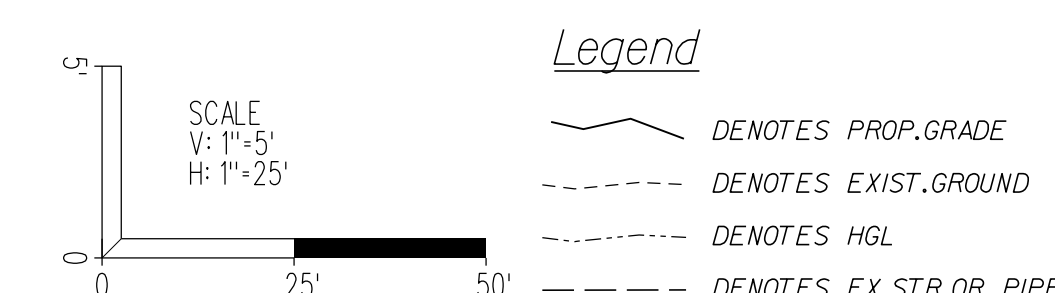


8D-6 to 8D-7



NOVA DISTRICT

12/8/2021



VDOT PROJECT NO. 0621-076-610
PWCDOT PROJECT NO. SPR2021-00067
SHEET NO. 2L(5)

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

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PH PLANS

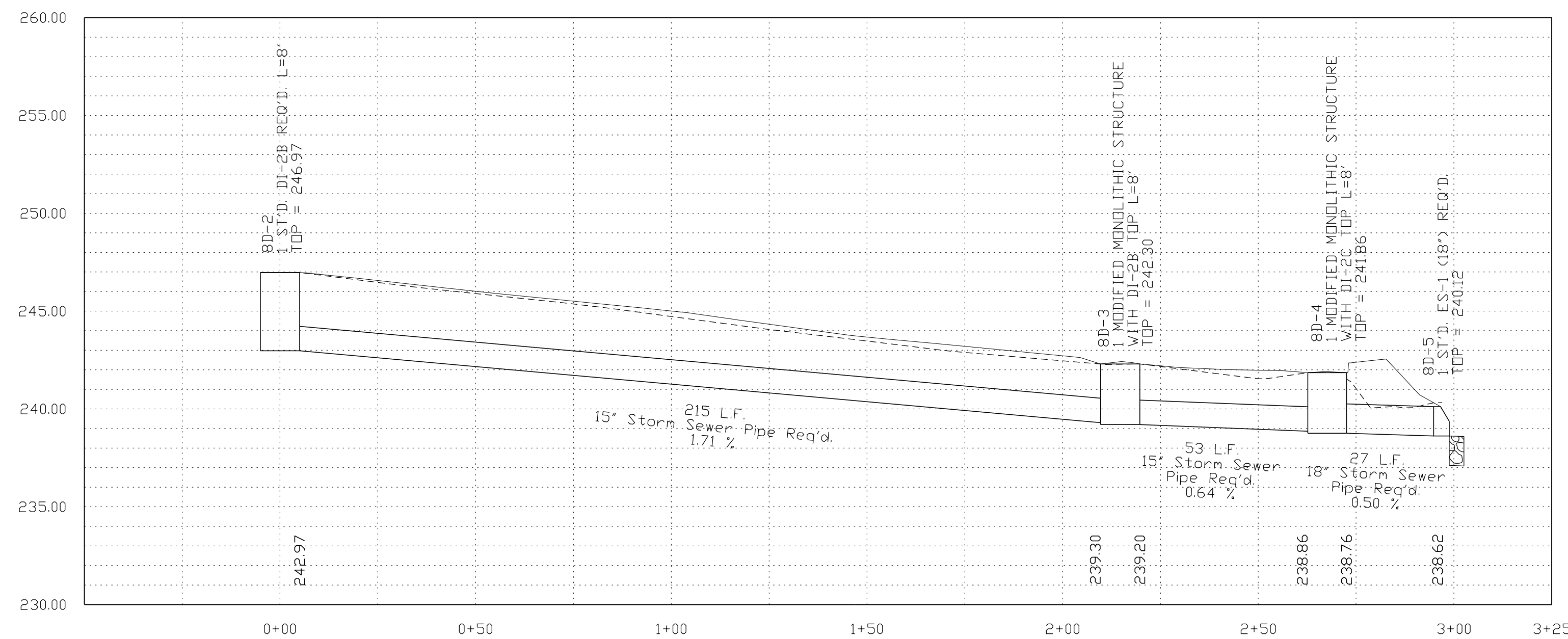
PROJECT MANAGER PWCDOT: Awwar, Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas Kougoullis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

Culvert Profiles

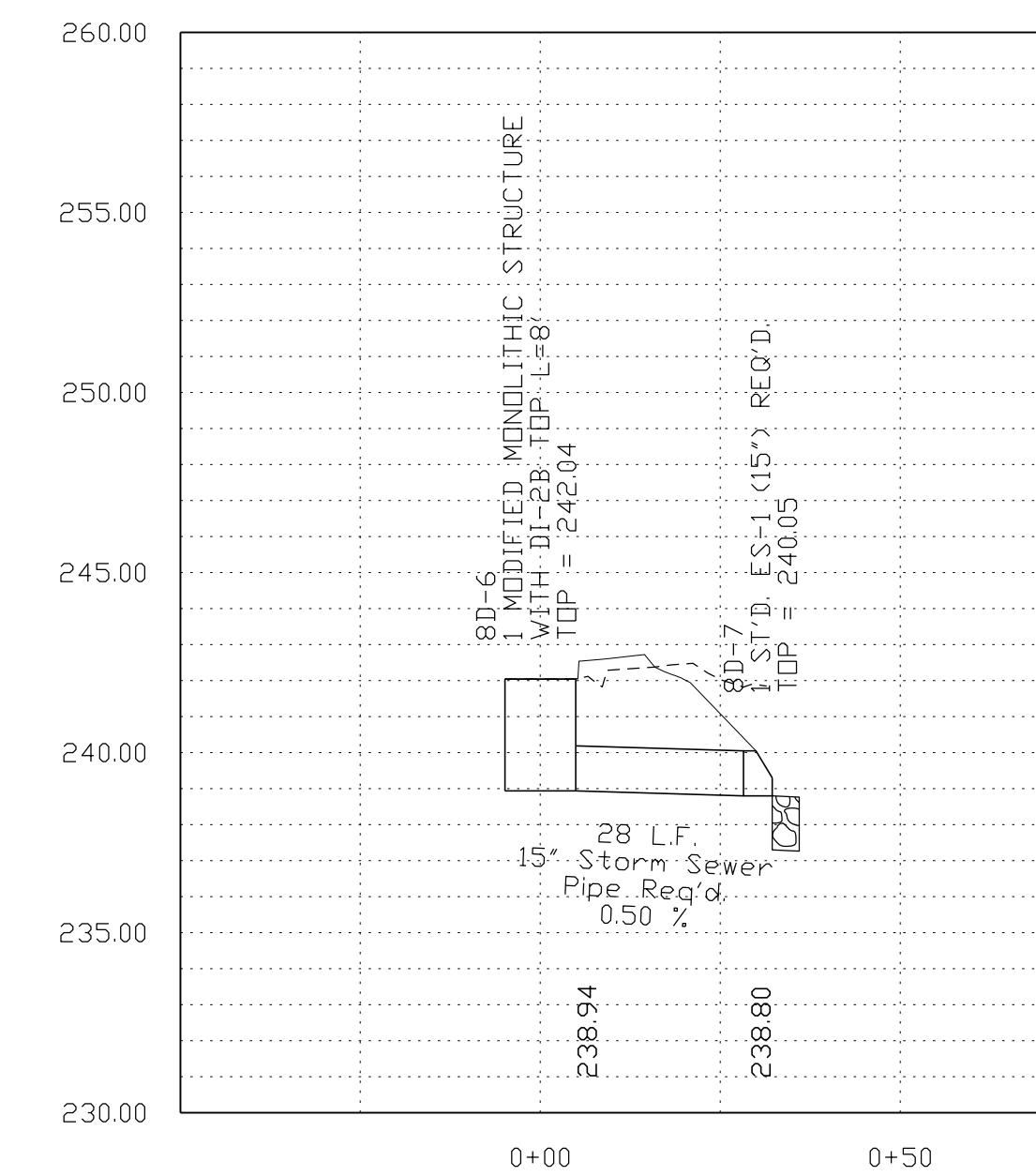
REVISED	STATE	STATE		SHEET NO.
	ROUTE	VDOT PROJECT NO.		
	VA.	621	0621-076-610 PE101 CS01 RW201	2L(6)

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

8D-2 to 8D-5



8D-6 to 8D-7



NOVA DISTRICT

12/8/2021

SCALE
V: 1"=5'
H: 1"=25'

Legend

- DENOTES PROP. GRADE
- - - - DENOTES EXIST. GROUND
- DENOTES HGL
- DENOTES EX. STR. OR PIPE

VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 2L(6)
---	--------------------

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.

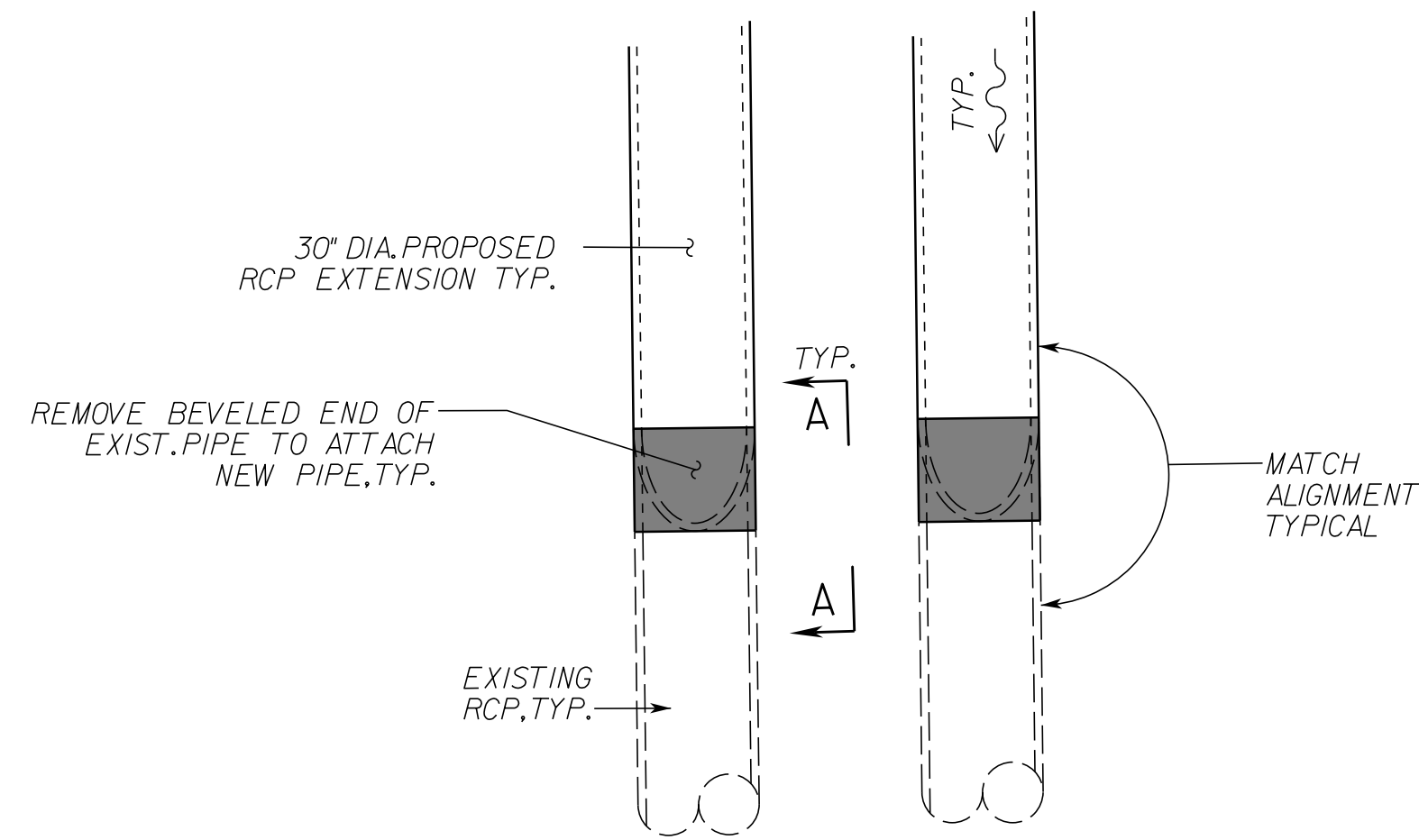
PH PLANS

PROJECT MANAGER: PWCDOT: Awwar, Motbar meh, P.E. (571) 316-9624
 SURVEYED BY, DATE: RDA: Nicholas Kouyoultis, L.S. (703) 334-9302; March, 2021
 DESIGN BY: RDA: Mack, A. Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

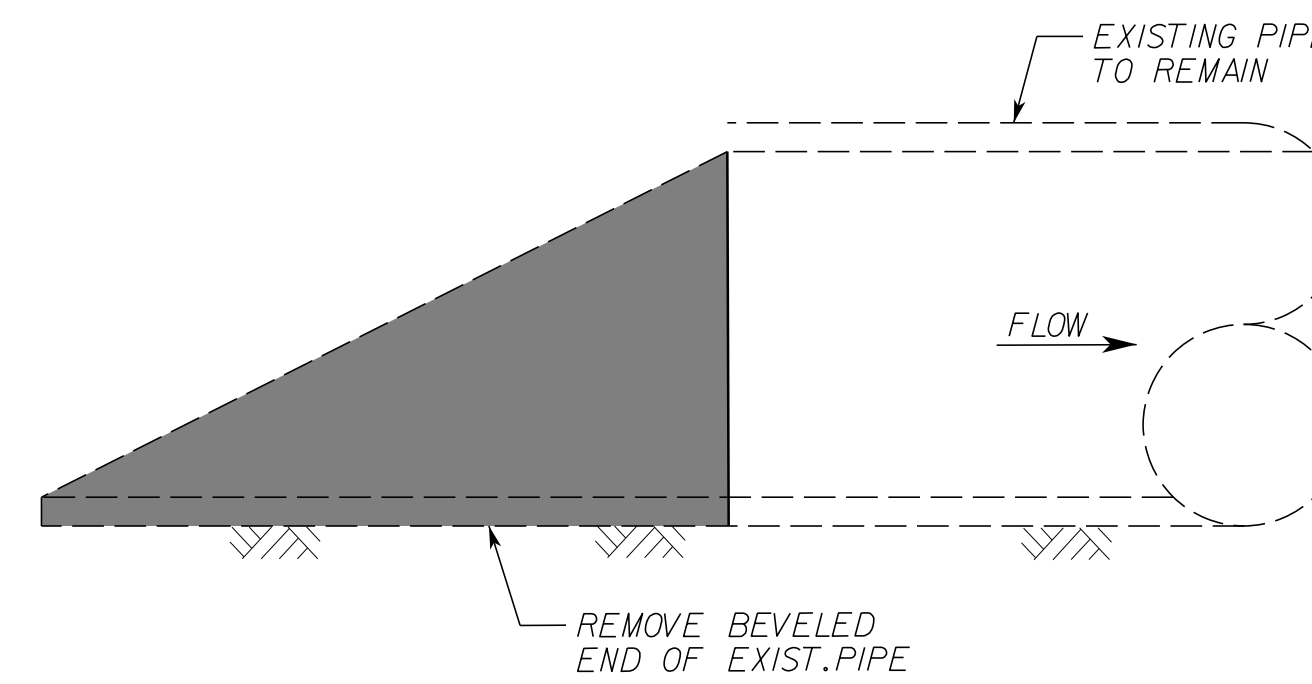
Existing Pipe Extension Details

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	2L(7)

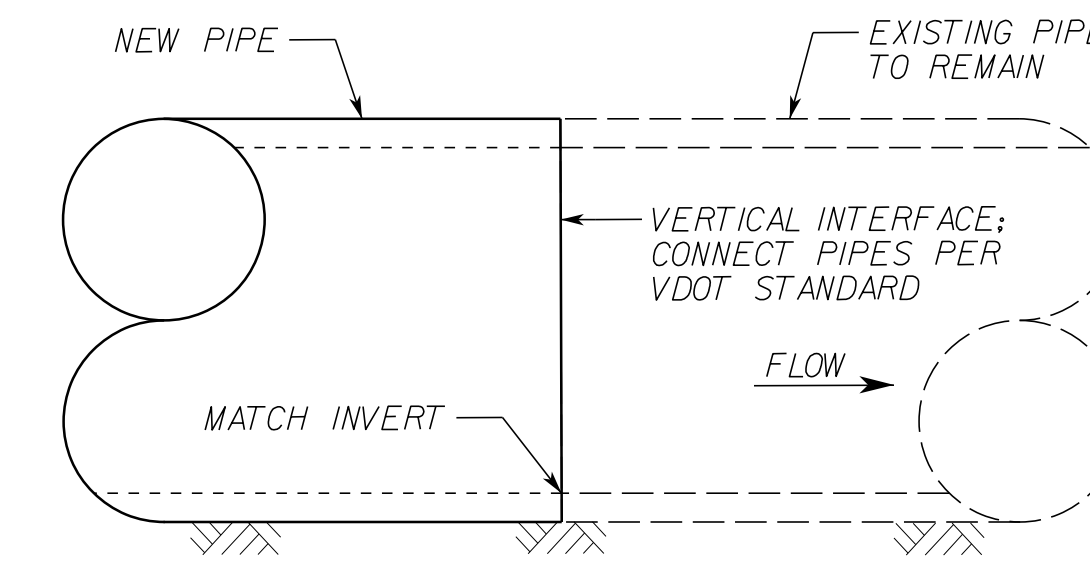
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



PLAN - Str. 3-4 to EX30
NOT TO SCALE

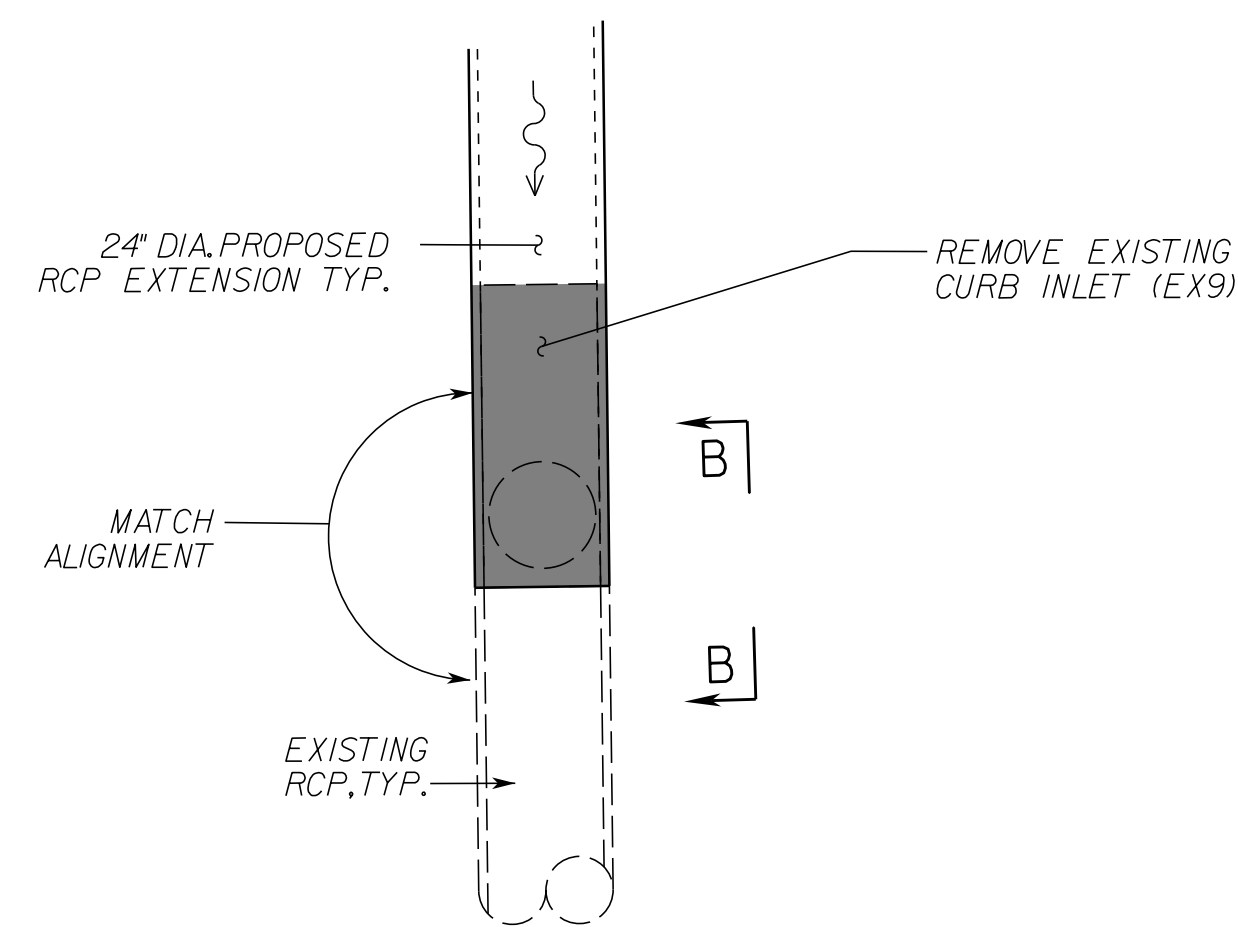


EXISTING

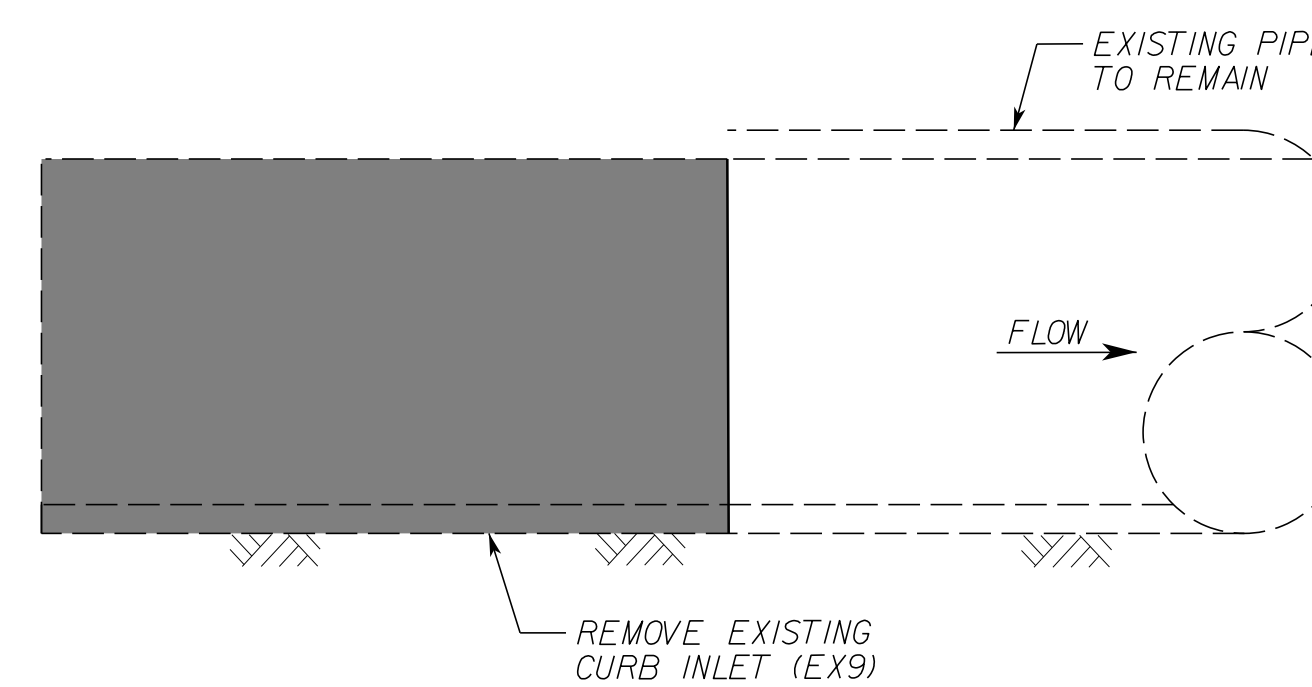


PROPOSED

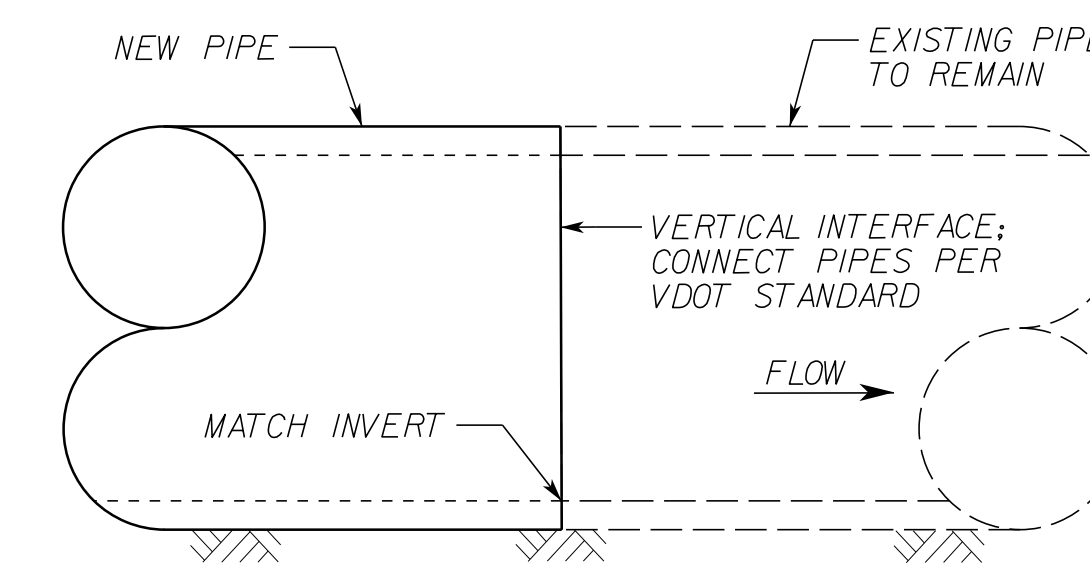
VIEW A-A



PLAN - Str. 5-8 to EX8
NOT TO SCALE



EXISTING



PROPOSED

VIEW B-B

LEGEND

EXISTING FEATURE TO BE REMOVED

NOTES:

SHADED PORTION INDICATES EXISTING CONCRETE TO BE REMOVED, SO THAT ALL PORTIONS OF PROPOSED EXTENSION ARE IN A VERTICAL PLANE AT FACE OF EXISTING HEADWALL.

SEE DRAINAGE DESCRIPTION SHEETS 2K THRU 2K11 FOR PROPOSED PIPE LENGTHS.

NEW AND EXISTING PIPES SHALL BE STRUCTURALLY CONNECTED, I.E. DIRECT FIXATION, TO EACH OTHER PER VDOT SPECIFICATIONS.

VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 2L(7)
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PH PLANS

PROJECT MANAGER PWCDDOT-Aowar_Mohamed, P.E. (571) 316-9624
 SURVEYED BY, DATE RDA: Nicholas Kougoultis, LS (703) 334-9302; March, 2021
 DESIGN BY RDA: Mack, A. Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) GENERAL INFORMATION SHEET

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621			

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

The information contained in the SWPPP General Information sheets is intended to comply with the requirements of the VPDES General Permit For Discharges Of Stormwater From Construction Activities (the VPDES Construction Permit) issued July 1, 2019 and VDOT's approved Annual ESC and SWM Standards and Specifications.

The SWPPP General Information sheets are to be completed and included in the construction plan set (or other such documents) for land disturbance activities that disturb an area equal to or greater than 10,000 square feet outside the Chesapeake Bay Preservation Area, or equal to or greater than 2,500 square feet in the area defined as Tidewater, Virginia in the Virginia Chesapeake Bay Preservation Act.

The VDOT RLD (as defined in the latest IIM 242) will ensure that the information shown on the SWPPP General Information sheets is updated/revised as necessary in order to reflect changes that may occur during the construction phase of the land disturbing (construction) activity. The updated/revised sheets shall be maintained with the designated record set of plans (or other such documents) for the land disturbance (construction) activity.

I certify under penalty of law that I have read and understand this document and that this document and all attachments were prepared in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that this document and all other documents related to the SWPPP, as identified on the SWPPP General Information Sheets, are maintained at the activity site, or at a location convenient to the activity site where no on-site facilities are available, and such documents will be made available for review upon request in accordance with the provisions of the General VPDES Permit for Discharges of Stormwater from Construction Activities (VAR10) when applicable. Where the SWPPP documents are not stored on-site, a copy of such documents shall be in the possession of those with day to day operational control over the implementation of the SWPPP whenever they are on site.

* or ** Delegated Authority Signature**

Signature: _____
 Printed Name: _____
 Date: _____

(1) See Section 1, Item 11 relating to delegation of authority, and form LD-445H (Delegation of Authority).

ACRONYMS

CBPA - Chesapeake Bay Preservation Act	SWPPP - Stormwater Pollution Prevention Plan
BMP - Best Management Practice	TMDL - Total Maximum Daily Load
DEQ - Department of Environmental Quality	VDOT - Virginia Department of Transportation
EPA - U.S. Environmental Protection Agency	VPDES - Virginia Pollutant Discharge Elimination System
ESC - Erosion and Sediment Control	VSMP - Virginia Stormwater Management Program
IIM - Instructional and Informational Memorandum	VESCP - Virginia Erosion and Sediment Control Program
R&B - Road and Bridge	WLA - Waste Load Allocation
RLD - Responsible Land Disturber	SWM - Stormwater Management

SECTION 1 GENERAL INFORMATION

1. Activity Description - The project is for the widening to a four-lane divided roadway of the northbound and southbound lanes of Devlin Road (Route 621). Improvements, such as, the addition of shore used path and sidewalk along the east and west of Route 621 are also part of the project. The project is approximately 0.58 miles. Route 621 is classified as a Rolling Urban Minor Arterial Roadway GS-6 with a 45 mile per hour design speed.

2. This land disturbance (construction) activity site is located in Prince William County and approximately 10.38 acres will be disturbed by excavation, grading or other construction activities.

3. This proposed activity disturbs one acre or greater and requires coverage under the VPDES General Permit for Discharges Of Stormwater from Construction Activities (the VPDES Construction Permit) as issued by the DEQ. A copy of the VPDES Construction Permit (VAR10), the registration information (LD-445 & LD-445C forms) and the permit coverage letter received from DEQ shall be maintained with other SWPPP documents for this land disturbing activity.

XX 4. The location of on-site support facilities that will be covered under the VPDES Construction Permit coverage for this land disturbance (construction) activity shall be provided by the contractor and identified on the record set of plans or in other appropriate contract documents. Support facilities shall include, but not be limited to, borrow and disposal areas, construction and waste material storage areas, equipment and vehicle washing, maintenance, storage and fueling areas, storage areas for fertilizers, fuels or chemicals, concrete wash out areas, sanitary waste facilities and any other areas that may generate a stormwater or non-stormwater discharge directly related to the construction site.

XX 5. Written Evidence of permit coverage shall be provided by the contractor for all support activities located outside of VDOT right of way or easement in the form of the Construction General Permit coverage letter: (List VPDES Permit # or Letter from VSMP Authority stating coverage not needed)

6. List the surface waters that have been identified as impaired in the DEQ 2012 305(b)/303(d) Water Quality Assessment Integrated Report for sediment, total suspended solids, turbidity, Nitrogen or Phosphorus. These pollutants are considered benthic impairments:

- Broad Run - impaired for recreational uses because of Escherichia coli.

7. Identify the TMDL's where stormwater from construction activities discharges into a watershed with a TMDL waste load allocation established and approved by the State Water Control Board prior to July 1, 2016 for sediment, total suspended solids, turbidity, nitrogen or phosphorus:
 N/A

8. This land disturbance activity discharges stormwater to the following surface waters that have been identified as exceptional in Section 9VAC25-260-30 A 3 c of the Virginia Administrative Code:
 N/A

9. Locations of surface waters and locations where concentrated stormwater is discharged from this land disturbance (construction) activity are identified in the construction plan set (or other such documents) for this land disturbance (construction) activity. (List name of surface waters and locations here if not shown in construction plan or other such documents).

10. The ESC and SWM plans (where applicable) for this land disturbance (construction) activity have been developed in accordance with VDOT's Approved Annual Erosion and Sediment Control and Stormwater Management Standards and Specifications as approved by the DEQ.

11. List the RLD and other responsible parties for the land disturbance activity: (required for erosion and sediment control). The following individual(s) have "delegated authority" to sign all reports required by the construction permit including the SWPPP General Information Sheets and Inspection Reports (C-107). Reference form LD-445H for delegation of authority (form 445H for the project is hereby incorporated by reference into this SWPPP). These individual(s) has/have overall responsibility or the environmental matters for the project: (required only for permitted projects):

Name	Position	Responsibility
	RLD	Certify the SWPPP (with date & sig.)
	Certified Inspector	Sign (C-107) Inspection Form Part 1
	Certified Inspector	Sign (C-107) Inspection Form Part 2

X 12. The name of the VDOT individual(s) responsible for the oversight inspection in accordance with IIM-LD-256 on these land disturbance construction activities as identified on these SWPPP General Information Sheets. The names will be updated and maintained with the other SWPPP documents for this land disturbance activity.

VDOT Individuals	Position	Responsibility
	NPDES	NPDES coordinator responsible for the oversight inspection in accordance with IIM-LD-256
	Dist. Hyd. Engineer	District Hydraulic Engineer or designee(s) responsible for the review & the coordination approval of ESC SWM plan modification(s).

X 13. The ESC and P2 inspections for this land disturbing (construction) activity shall follow (Select Schedule 1 or 2, if schedule #2 is used, void note #14) as defined in 2016 R&B Specifications except for Section 107.16(e) 4. an Inspection Requirements Rain gauge notes apply only to Inspection Schedule 1.

XX 14. The location of the on-site rain gage that will be used to determine the occurrence of a measurable storm event for the purposes of ESC and Pollution Prevention inspections will be provided by the contractor and identified on the record set of plans or in other appropriate SWPPP documents for this land disturbance activity: (List location of rain gage).

The rain gage shall be observed daily at 10:00 A.M. to determine the occurrence of a measurable storm event (i.e., 0.25 inches of rainfall or greater in a 24 hour period). A log book shall be maintained to record observation information which shall include (1) the date, (2) the time, (3) whether or not rainfall is occurring at the time of the observation, (4) the amount of accumulated rainfall in the gage, if any, and (5) whether or not an inspection is required based on the amount of accumulated rainfall in the gage. If there is no rainfall occurring at the time of the observation, the observation information shall be noted in the log book and the rain gage emptied and replaced. An inspection is required if there is 0.25 inches or more accumulation noted in the rain gage. If there is rainfall occurring at the time of the observation, the observation information is to be noted in the log book. The rain gage is not to be emptied but left to accumulate additional rainfall until the conclusion of the rainfall event. At the conclusion of the rainfall event, an observation of the rain gage shall be made and the observation information shall be noted in the log book and the rain gage emptied and replaced. An inspection is required if there is 0.25 inches or more accumulation noted in the rain gage.

15. The following VDOT documents are applicable to a) permitted projects b) non-permitted projects in Chesapeake Bay Preservation Areas (CBPA) with 2,500 S.F. to 1.0 acre of land disturbance c) non-permitted projects requiring a SWPPP and d) Non-permitted, Non-CBPA with BMP projects that have a water quantity BMP:

- VDOT LD-445: Permitted projects, CBPA projects and Non-permitted, Non-CBPA with BMP projects that have a water quantity BMP and ESC projects > 10,000 s.f. but <1 acre.
- VDOT LD-445A: Permitted projects only.
- VDOT LD-445C: Projects that require a permit, ESC Plan, or SWPPP.
- VDOT LD-445D: Permitted projects, CBPA projects and Non-permitted, Non-CBPA with BMP projects that have a water quantity BMP.
- VDOT LD-445F: Emergency work projects (when applicable).
- Water Quality Requirement (when applicable)
- VDOT LD-445H: Permitted projects only.
- VDOT C-107 Part I and Part II. All projects that require a permit or SWPPP.
- VDOT LD-445I: AS&S Approval Form (when applicable)

16. If there is an excessive loading of sediment from the project (i.e. more than to be expected from the project with an implemented ESC plan) that is discovered within a local watershed with a sediment TMDL that allocates a WLA to VDOT's MS4, (see note #7) the contractor shall investigate the area of concern at the site within 24 hours of discovery and ensure all erosion and sediment control best management practices are being implemented in accordance with the permits approved standards and specifications required by Part I.B of the current Construction General Permit. If corrective action is necessary, the contractor shall initiate corrective actions no later than 5 business days after the initial investigation.

17. If excessive loading of sediment from a land disturbing activity that is not the responsibility of the contractor is discovered discharging into a MS-4, the contractor shall notify the municipality with jurisdiction over erosion and sediment control activities.

X Denotes information that is to be provided/completed by the RLD.
 XX Denotes information that is to be provided/completed by the contractor.

VDOT PROJECT NO. 0621-076-610 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 2N
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PH PLANS

PROJECT MANAGER PWCDOT:Awad_Mohamed,P.E.(571) 316-9624
 SURVEYED BY, DATE RDA: Nicholas_Kouyoulis,LS.(703) 334-9302; March, 2021
 DESIGN BY RDA: Mack_A.Gunn,P.E.(703) 334-9288
 SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

SECTION II EROSION AND SEDIMENT CONTROL

- XX 1. The intended sequence and timing of activities that disturb soils at the site (e.g., grubbing, excavation, grading, utilities and infrastructure installation, etc.) shall be provided by the contractor in accordance with the current edition of Section 108.03 of the VDOT R&B Specifications and shall be included with the other SWPPP documents for this land disturbance (construction) activity.
2. Directions of stormwater flow and approximate slopes anticipated after major grading activities are identified in the construction plan set (or other such documents) for this land disturbance (construction) activity.
3. Areas of soil disturbance and areas of the site which will not be disturbed are identified in the construction plan set (or other such documents) for this land disturbance (construction) activity.
4. Locations of major structural and nonstructural ESC measures intended to filter, settle or similarly remove sediment are identified in the construction plan set (or other such documents) for this land disturbance (construction) activity.
5. Locations where stabilization practices are expected to occur are identified in the construction plan set (or other such documents) for this land disturbance (construction) activity.
6. A description of interim and permanent stabilization practices for the site are identified in the applicable sections of the documents identified in the Note 1 of Section IV.

- XX 7. A record of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated will be provided by the contractor and maintained with the record set of plans or other SWPPP documents for this land disturbance (construction) activity: (List how this will be tracked and the location)

8. A description and schedule of procedures to maintain vegetation, erosion and sediment control measures and other protective measures in good and effective operating conditions are identified in the current edition of Sections 107.16 and 303.03 of the VDOT R&B Specifications.

9. Nutrients shall be applied in accordance with the current edition of Sections 603 and 604 of the VDOT Road and Bridge Specifications. Nutrients shall not be applied during rainfall events. Top soil shall be applied in accordance with the current edition of section 602 of the latest Road and Bridge Specifications.

10. All engineering calculations supporting the design of erosion and sediment control measures proposed for this land disturbance (construction) activity are contained in the project drainage file located in the VDOT Prince William Residency Office and will be made available for review upon request during normal business hours.

11. The temporary erosion and siltation control items shown on the ESC Plan for this land disturbing (construction) activity are intended to provide a general plan for controlling erosion and sediment within the project limits. The ESC Plan is based on field conditions at the time of plan development and an assumed sequence of construction for the project. The contractor, in conjunction with the VDOT Project Engineer and/or ESC Inspector, shall adjust the location, quantity and type of erosion and sediment control items required based on the actual field conditions encountered at the time of construction and the actual scheduling and sequencing of the construction activities. Significant changes to the proposed ESC Plan (e.g., those that require an engineering analysis, elimination of a perimeter control, change to ESC concept that would affect the quantity or direction of flow of water) shall be submitted to the applicable District Hydraulics Engineer for review and approval. Any changes to the proposed ESC Plan must be noted on the designated record set of plans which shall be retained on the project site and made available upon request during normal business hours.

12. The areas beyond the project's construction limits are to be protected from siltation. Perimeter controls such as silt fence, diversion dikes, turbidity curtains, etc. shall be installed prior to any grubbing operations or other earth moving activities.

13. Temporary earthen structures such as dikes and berms are to be stabilized immediately upon installation. Stabilization may include temporary or permanent seeding, riprap, aggregate, sod, mulching, and/or soil stabilization blankets and matting in conjunction with seeding.

14. All channel relocations are to be constructed during the earliest stage of construction and shall be constructed in accordance with all applicable permit requirements and shall be constructed in the dry wherever possible. Stabilization or vegetation shall be established before flow is redirected through the constructed area as directed by the Engineer.

15. The contractor shall plan and implement his land disturbance operations in order to:
- Control the volume and velocity of stormwater runoff within the site to minimize erosion.
 - Control the peak flow rates, volume and velocity of stormwater discharges to minimize erosion at outlets and in downstream channels.
 - Minimize the amount of soil exposed.
 - Minimize the disturbance of steep slopes.
 - Minimize sediment discharge from the site.
 - Provide and maintain natural buffers around surface waters, direct stormwater runoff to vegetated areas and maximize stormwater infiltration, unless infeasible.
 - Minimize soil compaction (except in those areas where compaction is required by the contract documents) and preserve topsoil where feasible.

- XX 16. The name of the individual(s) or contractor(s) responsible for the installation and maintenance of the erosion and sediment control measures shall be supplied by the contractor and maintained with the other SWPPP documents for this land disturbance (construction) activity.

17. Soil stockpiles temporarily placed within the project area or on VDOT right of way or easement shall be identified, stabilized, and protected with sediment trapping measures.

18. A construction entrance or other approved measure shall be installed at all locations where construction vehicular traffic access routes intersect a paved or a public road in order to minimize the transport of sediment by vehicular tracking onto the paved surface. Where sediment is transported onto a paved or a public road surface, the road shall be cleaned thoroughly at the end of each work day by shoveling or sweeping. Removed sediment shall be disposed of in accordance with Section 106.04 of the R&B Specifications.

19. Any variance, exception or deviation approved by DEQ must be listed below and supporting documentation (exception/variance/deviation request and DEQ approval) must be maintained with the SWPPP.

The following exceptions to the Water Quantity criteria of the VSMP Regulation have been approved by the DEQ for this land disturbance (construction) activity: (list all approved exceptions and include a brief description of the exception, the date approved and the approving DEQ Office)

Type(1)	Regulation Modified(2)	Approval Date(3)	Description of Variance

- (1) Type of modification (Variance from ESC regulations, or Deviation from published guidance)
 (2) Section of Regulation or Guidance Document Modified (e.g. ESC Min. Std. 15)
 (3) Date that variance/exception/deviation was approved by DEQ.

SECTION III POST CONSTRUCTION STORMWATER MANAGEMENT

Choose the appropriate note 1A or 1B that is applicable to the proposed post construction SWM Plan for this land disturbance (construction) activity. (Delete, strikethrough or mark as NA those notes not applicable.)

1. This land disturbance activity utilizes the Part IIB technical criteria (i.e., Runoff Reduction Method, Energy Balance Equation, etc.) in Section 9VAC25-870-62 et seq. of the VSMP Regulations.

~~2. An exception for (number) pounds of phosphorus removal has been granted for this land disturbance activity by the DEQ in its letter dated (date).~~

~~3. Any variance, exception or deviation approved by DEQ must be listed below and supporting documentation (exception/variance/deviation request and DEQ approval) must be maintained with the SWPPP.~~

~~The following exceptions to the Water Quantity criteria of the VSMP Regulation have been approved by the DEQ for this land disturbance activity: (list all approved exceptions and include a brief description of the exception, the date approved and the approving DEQ Office)~~

Type(1)	Regulation Modified(2)	Approval Date(3)	Description of Waiver

- (1) Type of modification (Variance, or Exception from SWM Regulations or Deviation from published guidance)
 (2) Section of Regulation or Guidance Document Modified (e.g. ESC Min. Std. 15)
 (3) Date that variance/exception/deviation was approved by DEQ.

4. The permanent onsite SWM facilities or offsite strategies proposed to meet the water quality/quantity requirements for this land disturbance (construction) activity are listed in Section VI.

REVISED	STATE	STATE		SHEET NO.
	ROUTE	VDOT PROJECT NO.		
	VA.	621	0621-076-610 PE101 CS01 RW201	2N(1)

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

5. A description of all post-construction stormwater management measures that will be installed during the construction process to control pollutants in stormwater discharges after construction operations have been completed is included in the construction plan set (or other such documents) for this land disturbance (construction) activity.

6. All engineering calculations supporting the design of the post-construction stormwater management measures for this land disturbance (construction) activity, including an explanation of the technical basis used to select the practices, are contained in the project drainage file located in the VDOT Prince William Residency Office and will be made available for review upon request during normal working business hours.

ACRONYMS

CBPA - Chesapeake Bay Preservation Act	SWPPP - Stormwater Pollution Prevention Plan
BMP - Best Management Practice	TMDL - Total Maximum Daily Load
DEQ - Department of Environmental Quality	VDOT - Virginia Department of Transportation
EPA - U.S. Environmental Protection Agency	VPDES - Virginia Pollutant Discharge Elimination System
ESC - Erosion and Sediment Control	VSMP - Virginia Stormwater Management Program
IIM - Instructional and Informational Memorandum	VESCP - Virginia Erosion and Sediment Control Program
R&B - Road and Bridge	WLA - Waste Load Allocation
RLD - Responsible Land Disturber	SWM - Stormwater Management

✕ Denotes information that is to be provided/ completed by the RLD.

✕✕ Denotes information that is to be provided/completed by the contractor.

NOVA DISTRICT

12/8/2021

Revised 5/1/19

VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 2N(1)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

PROJECT MANAGER: *PWC DOT: Aowar_Mohamed, P.E. (571) 316-9624*
 SURVEYED BY, DATE: *RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021*
 DESIGN BY: *RDA: Mack_A.Gunn, P.E. (703) 334-9288*
 SUBSURFACE UTILITY BY, DATE: *Accurmark (703) 378-0100; March, 2021*

Demolition Summary

REVISED	STATE		STATE		SHEET NO.
	STATE	ROUTE	VDOT PROJECT NO.		
	VA.	621	0621-076-610 PE101 CS01 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.	LENGTH (FT)	RIGHT OR LEFT	BASELINE	DESCRIPTION
D-1	3	002	HARRIS BARTON & JENNIFER	62+60	N/A	N/A	RT.	SHED
D-8	3	002	HARRIS BARTON & JENNIFER	62+52	70.51	70.51	RT.	FENCE
D-9	3	003	BRIDGETT V.WHITEHEAD & JAMAL WHITEHEAD	63+18	70.94	70.94	RT.	FENCE
D-10	3	004	STEPHEN J.SILER & DEBORAH L.SILER	63+89	82.27	82.27	RT.	FENCE
D-11	3	005	ALI AFZAL BAIG & FAIZA JAMIL	64+72	128.57	128.57	RT.	FENCE
D-12	4	006	WILLIAM M.KULIK & CATHERINE MUSSETT	66+09	95.77	95.77	RT.	FENCE
D-4	4	007	THE BENJAMIN & HEATHER BISCOE LIVING TRUST	66+46	96.61	96.61	LT.	FENCE
D-3	4	008	DAVID LEROY WILLIAMS & DELANA JEANNE BENTLEY	67+85	N/A	N/A	LT.	SHED
D-5	4	008	DAVID LEROY WILLIAMS & DELANA JEANNE BENTLEY	67+63	75.39	75.39	LT.	FENCE
D-901	4	019	RASHED UDDIN CHOUDHURY & SUHANA CHOWDHURY	70+54	N/A	N/A	RT.	MAILBOX
D-13	4	021	ELI CORY & JENNIFER KALE	71+92	64.83	64.83	RT.	FENCE
D-902	5	026	BIENVENIDO F.NOBLEZADA,II & VERNA E.P.NOBLEZADA	76+57	N/A	N/A	LT.	STONE COLUMN
D-14	5	030	NADIR IOBAL AZHAR	72+35	157.68	157.68	RT.	FENCE
D-904	5	032	KHALID H.KURDO & ROPAK A.KURDO	75+49	N/A	N/A	RT.	FLOOD LIGHT
D-15	5	035	HASSAN KOBROSLI	77+53	199.00	199.00	RT.	FENCE
D-25	5	058	LAWIER FARMS HOMEOWNERS ASSOCIATION	75+50	N/A	N/A	RT.	ENTRANCE FEATURE
D-903	5	-	INSIDE OF ROW	76+60	N/A	N/A	LT.	STONE COLUMN
D-905	5	-	INSIDE OF ROW	74+27	N/A	N/A	RT.	BUS SIGN / TRASH CAN
D-22	6	039	RUDDY A.PANIAGUA & ITA PANIAGUA	81+67	85.89	85.89	LT.	FENCE
D-6	6	039	RUDDY A.PANIAGUA & ITA PANIAGUA	81+75	63.26	63.26	LT.	FENCE
D-2	6	041	HEVERY FUENTES	83+45	N/A	N/A	LT.	CONCRETE FEATURE
D-7	6	043	IMTIAZ CHOCHAN & NABIGHA CHOCHAN	84+42	150.85	150.85	RT.	FENCE
D-16	6	047	SOPHIA JEAN-PIERRE	84+40	68.57	68.57	RT.	FENCE
D-17	6	048	THOMAS P.MAINS IV & JACQUELINE M.MAINS	85+09	116.82	116.82	RT.	FENCE
D-906	7	050	GORGONE VICKIE MAY	88+28	N/A	N/A	LT.	MAILBOX
D-907	7	050	GORGONE VICKIE MAY	88+31	N/A	N/A	LT.	MAILBOX
D-908	7	050	GORGONE VICKIE MAY	88+32	N/A	N/A	LT.	MAILBOX
D-18	7	053	JEFFREY S.LEWIS	87+21	70.67	70.67	RT.	FENCE
D-19	7	053	JEFFREY S.LEWIS	88+15	53.84	53.84	RT.	FENCE
D-20	7	053	JEFFREY S.LEWIS	89+20	392.60	392.60	RT.	FENCE
D-23	7	053	JEFFREY S.LEWIS	90+44	2.96	2.96	RT.	FENCE
D-24	7	053	JEFFREY S.LEWIS	90+90	5.49	5.49	RT.	FENCE
D-909	7	053	JEFFREY S.LEWIS	88+71	N/A	N/A	RT.	MAILBOX
D-21	8	054	JEFFREY S.LEWIS	91+51	188.14	188.14	RT.	FENCE
D-910	8	056	VIRGINIA B.BUTLER	11+46	N/A	N/A	RT.	MAILBOX

NOVA DISTRICT

12/8/2021

VDOT PROJECT NO. 0621-076-610	SHEET NO. 2P(4)
PWC DOT PROJECT NO. SPR2021-00067	

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

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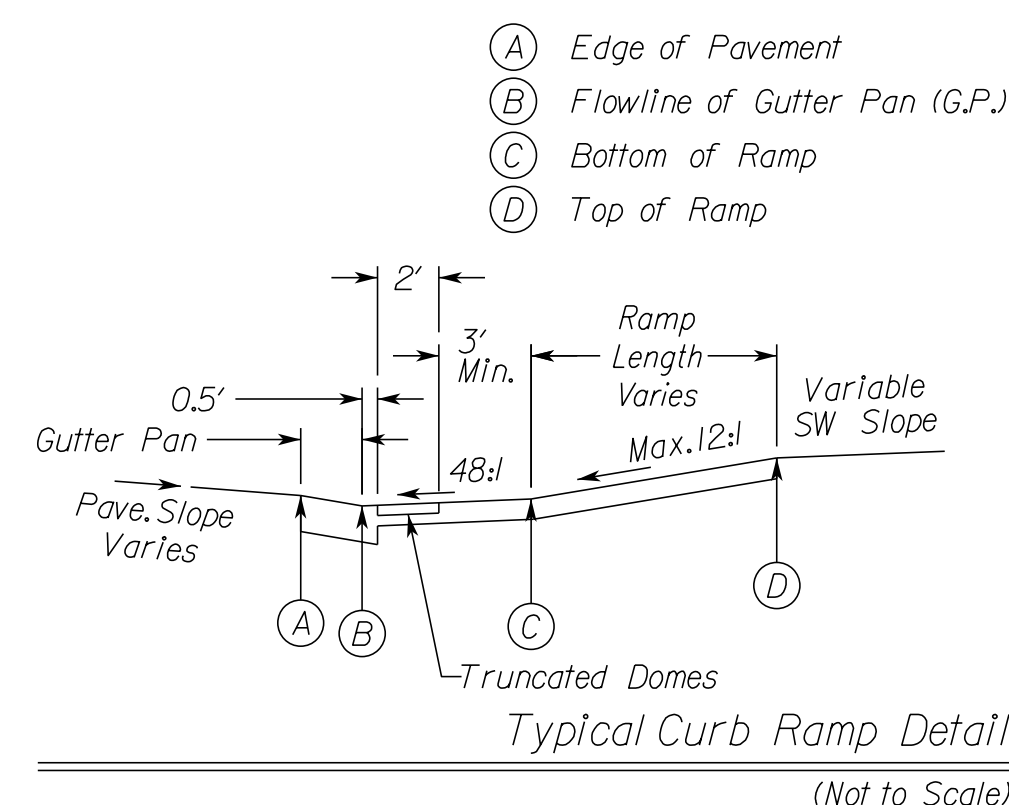
PH PLANS

PROJECT MANAGER: PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas_Kougoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

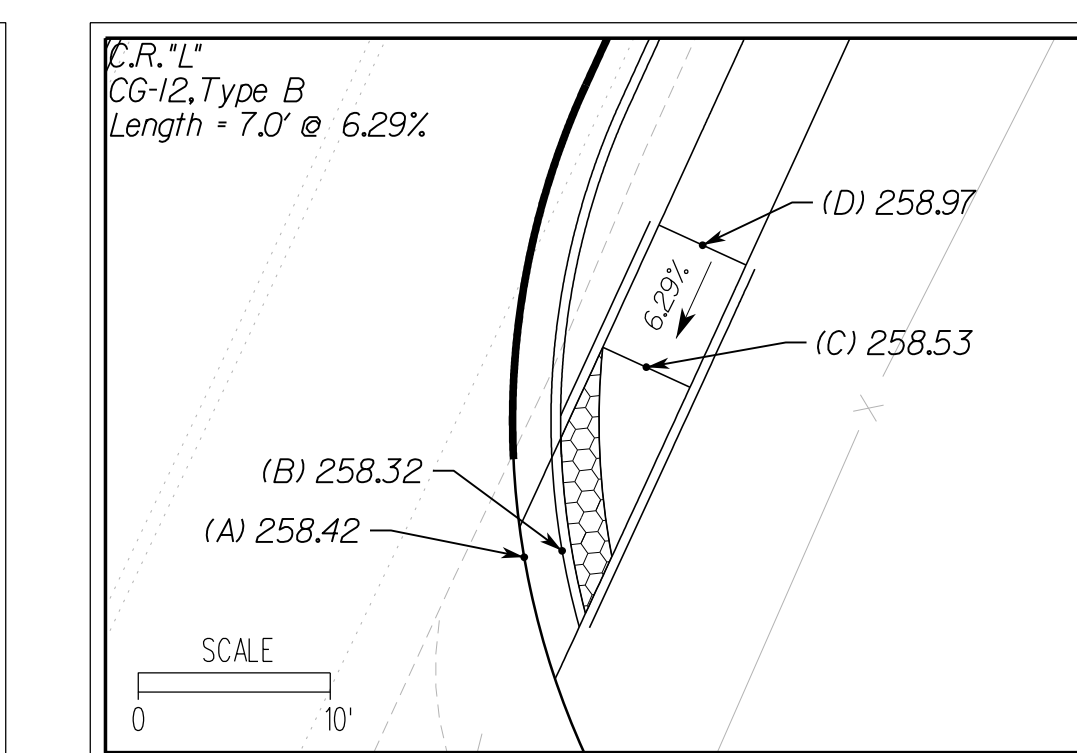
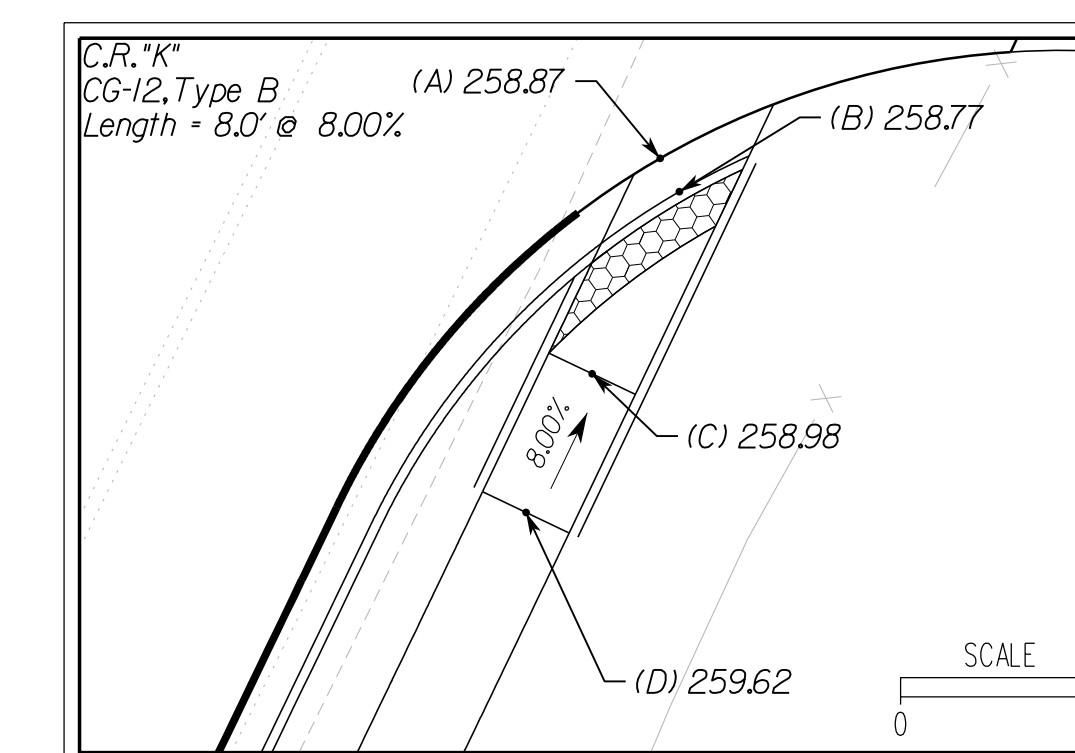
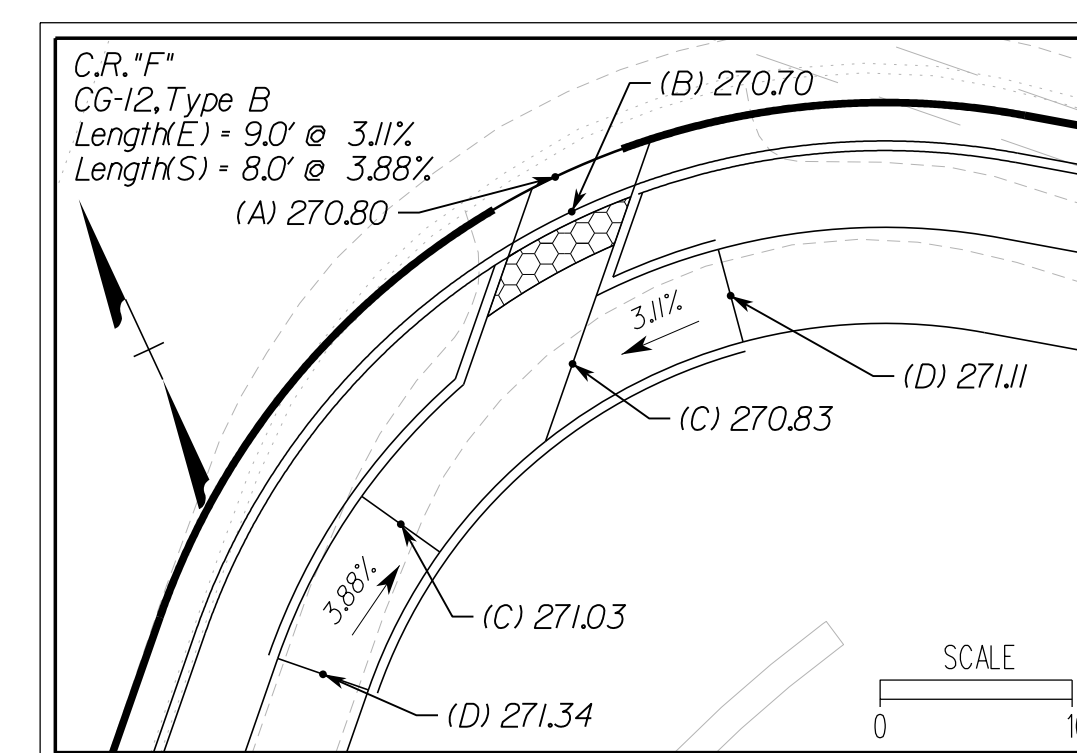
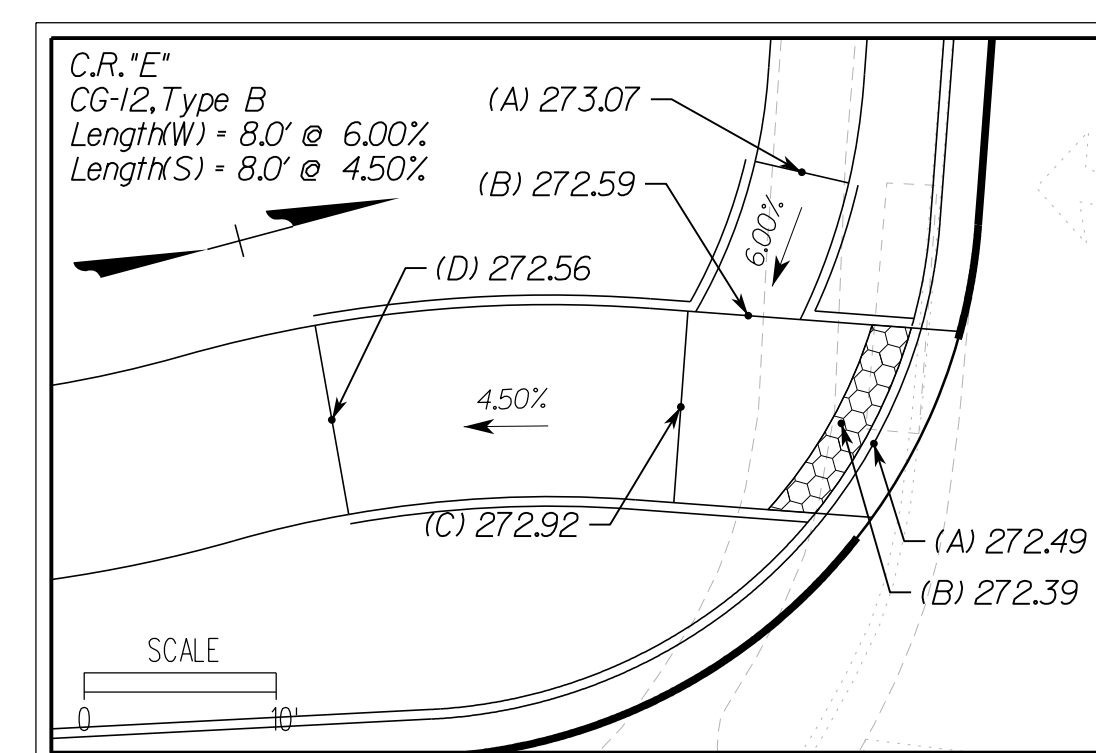
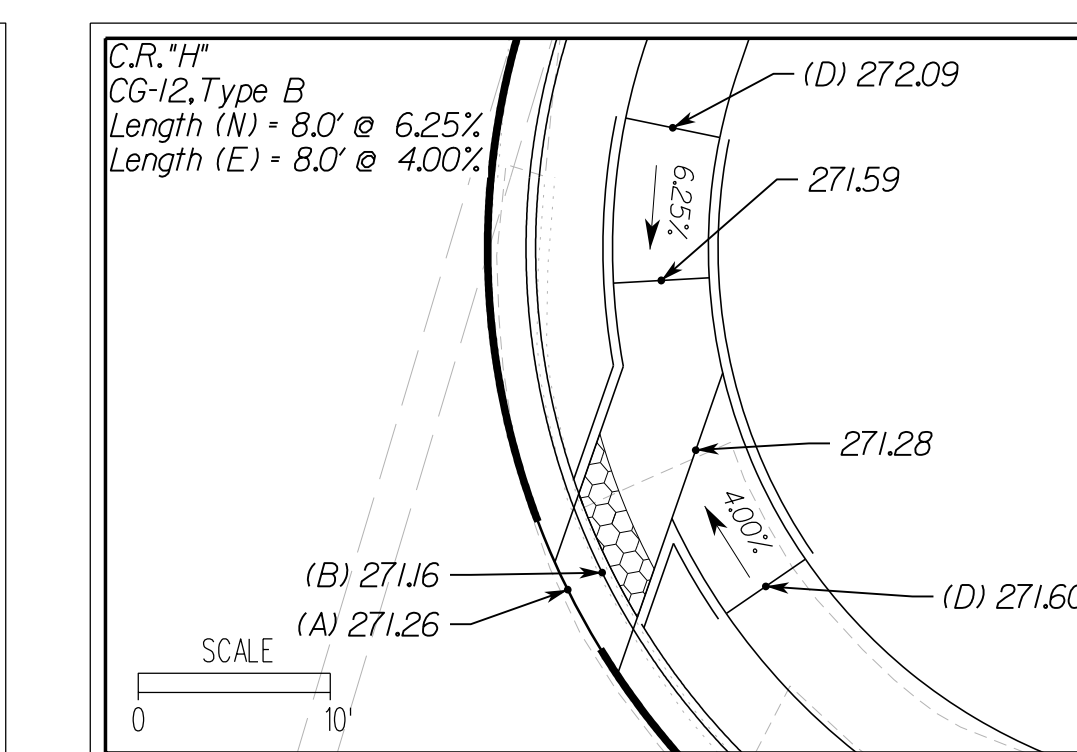
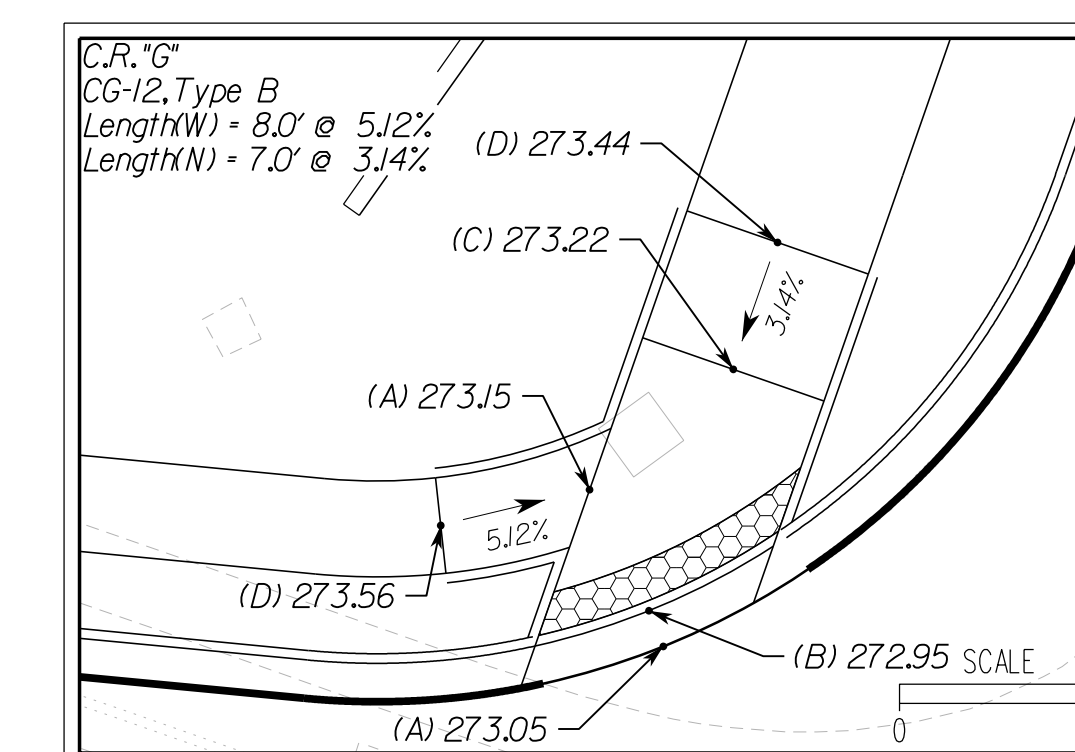
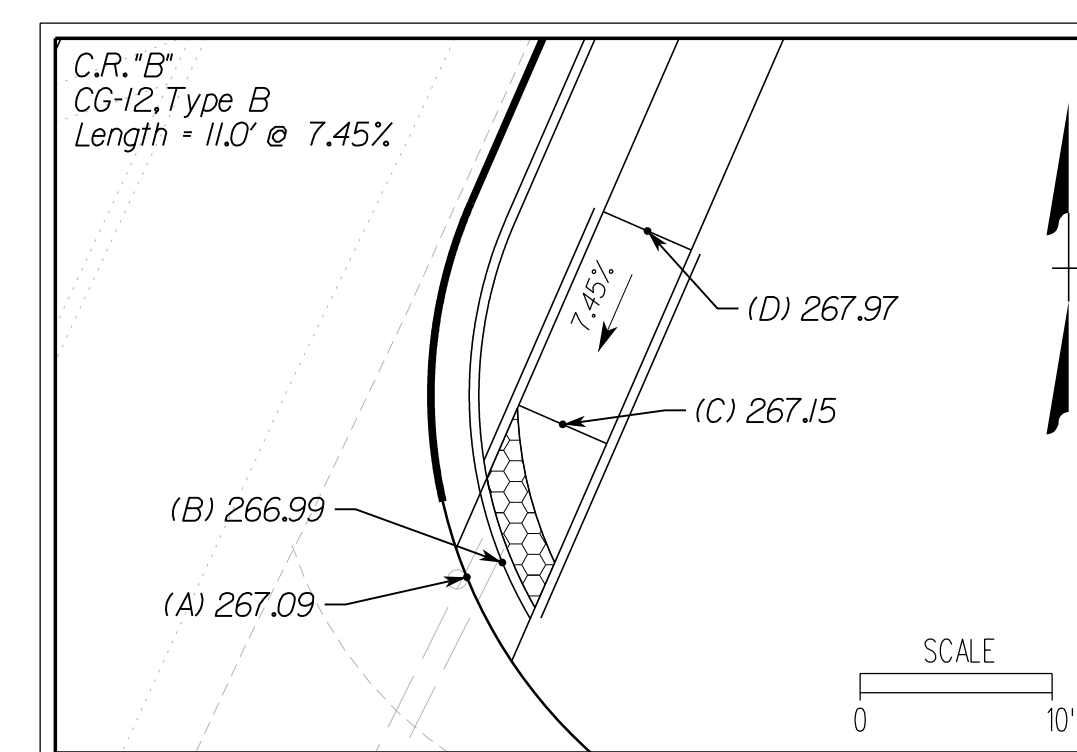
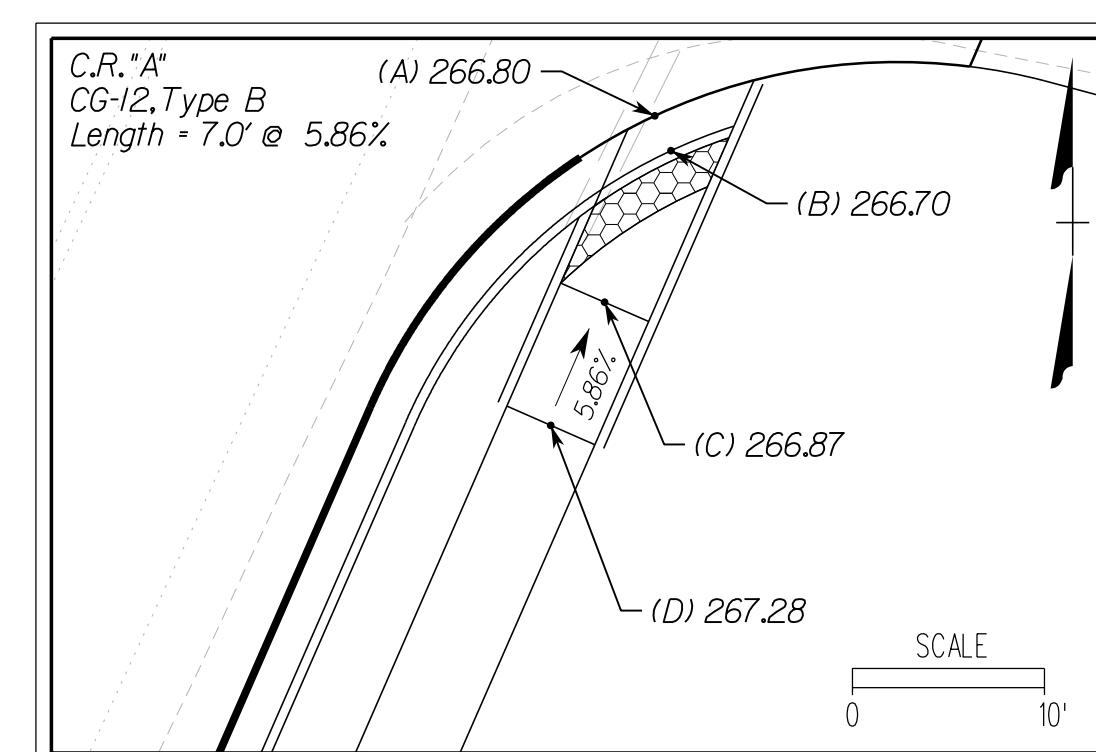
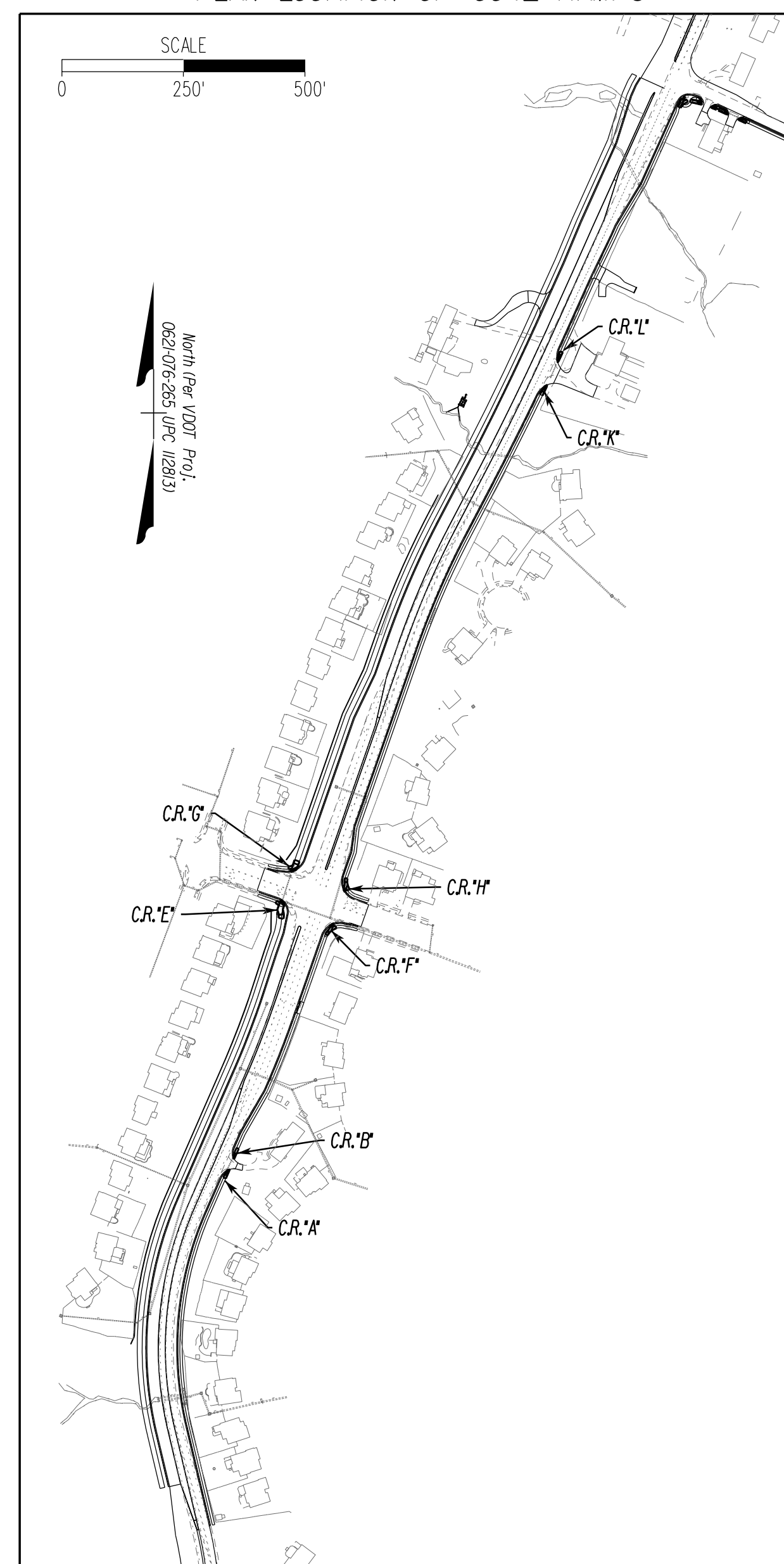
CG-12 DETAILS

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621			
				0621-076-610 PE101 CS01 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



PLAN LOCATION OF CG-12 RAMPS



NOVA DISTRICT

12/8/2021

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PH PLANS

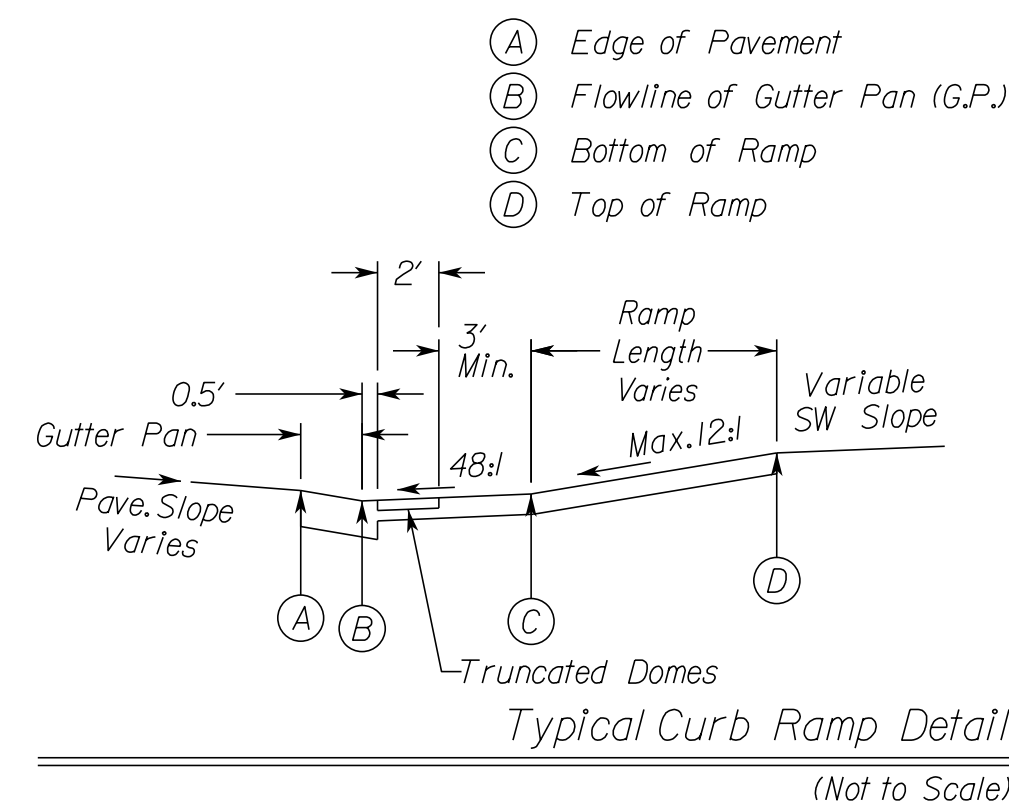
VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 20
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PROJECT MANAGER: PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
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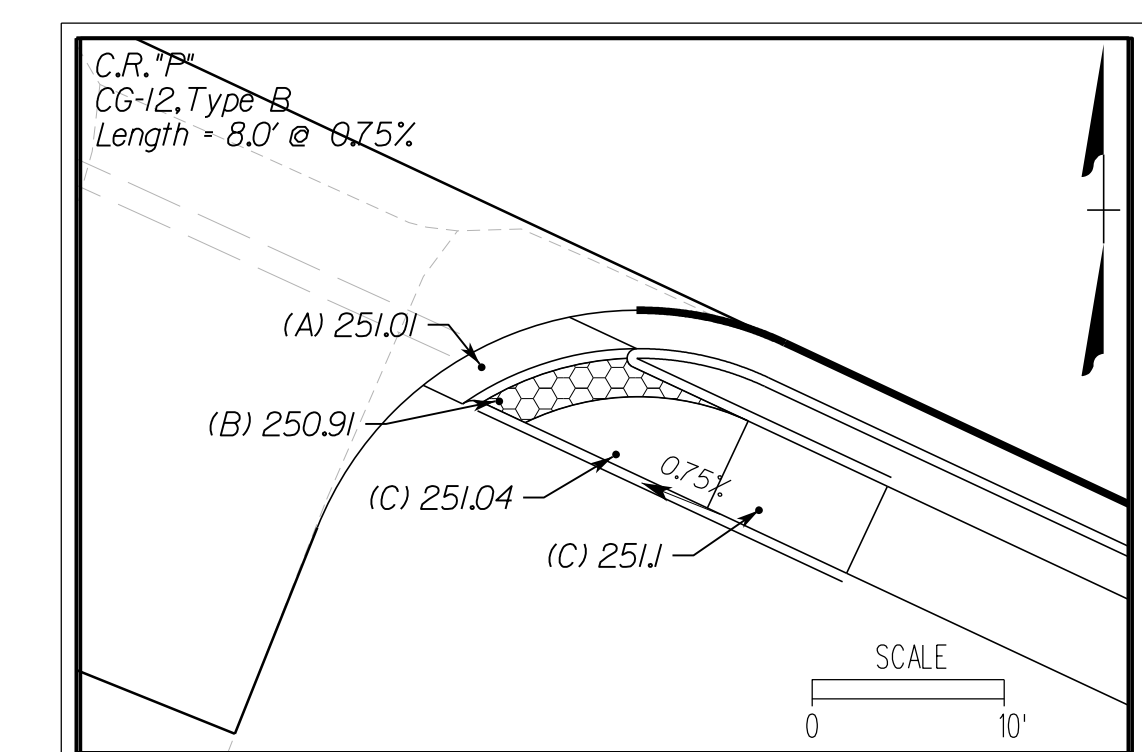
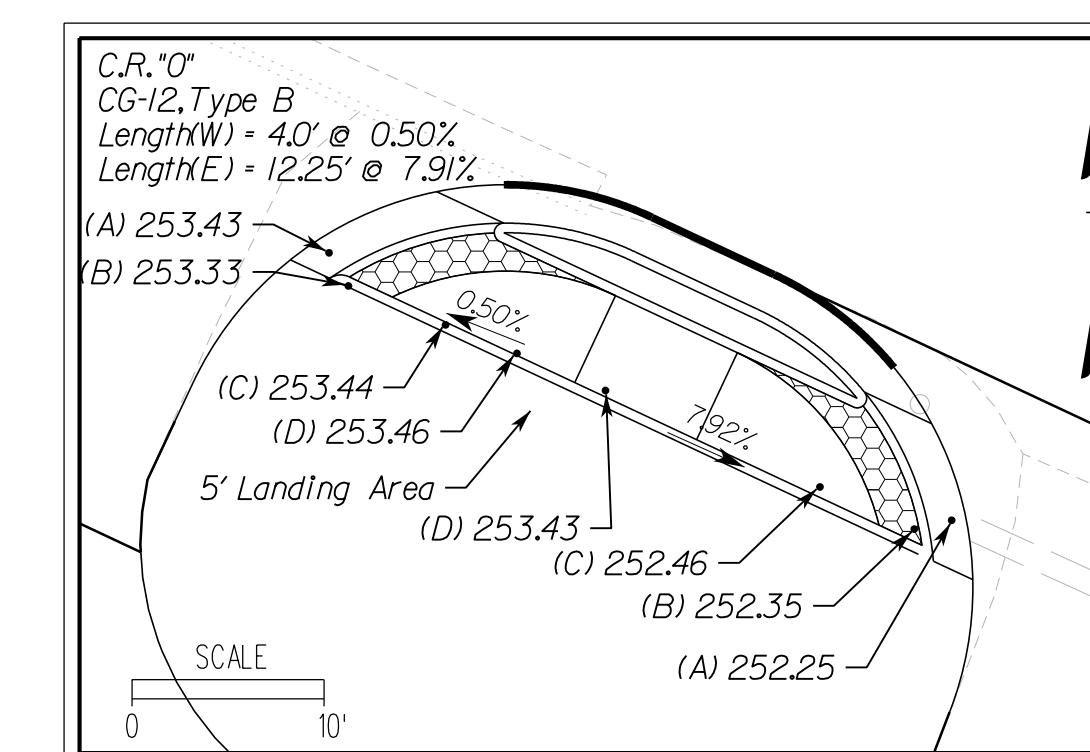
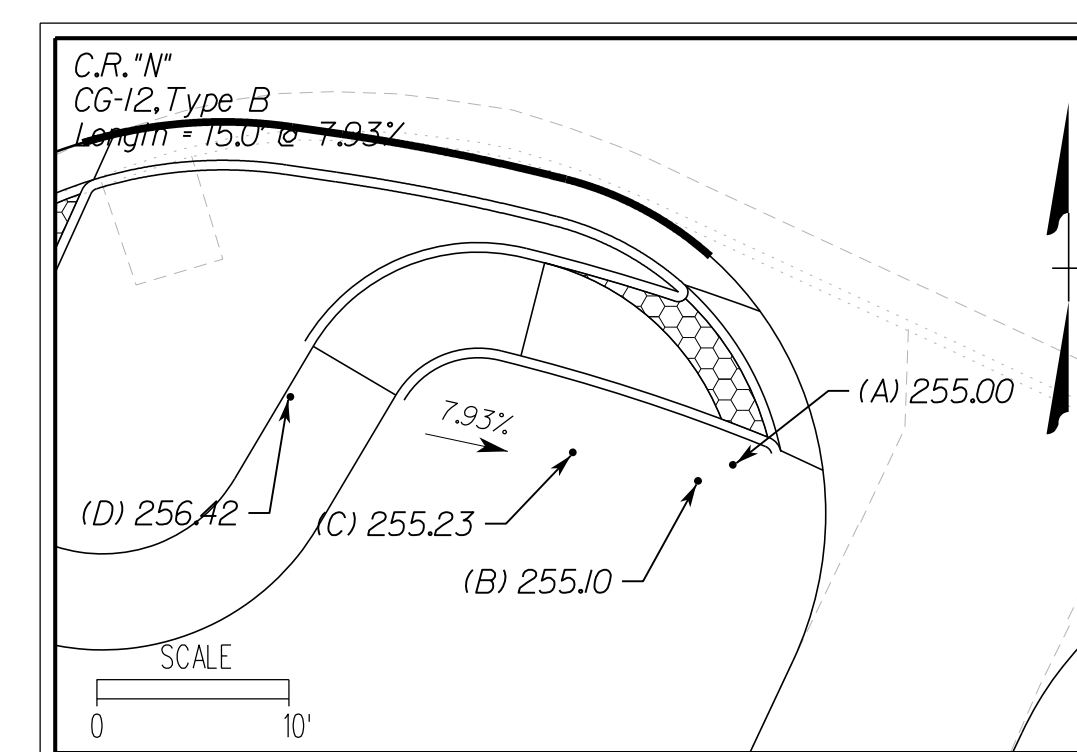
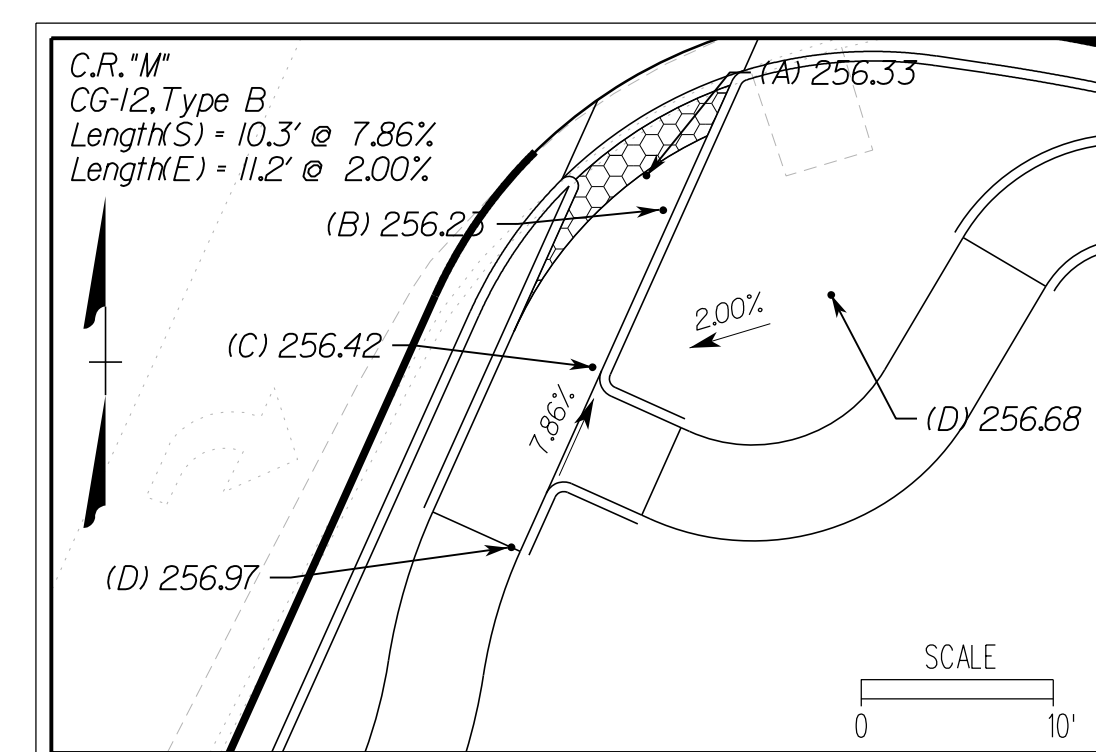
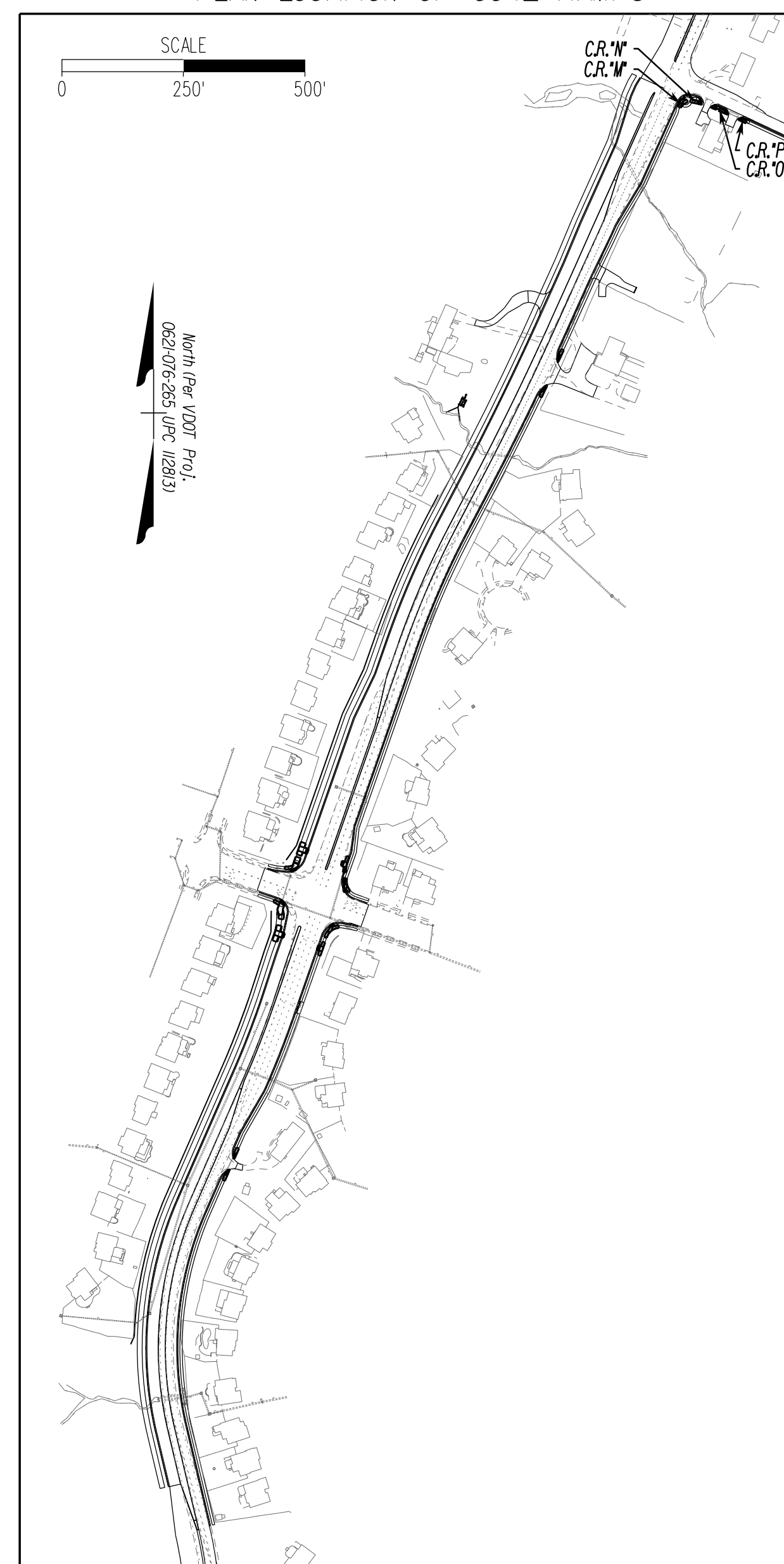
CG-12 DETAILS

REVISED	STATE		VDOT PROJECT NO.	SHEET NO.
	STATE	ROUTE		
	VA.	621	0621-076-610 PE101 CS01 RW201	20(1)

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PLAN LOCATION OF CG-12 RAMPS



NOVA DISTRICT

12/8/2021

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PH PLANS

VDOT PROJECT NO.
0621-076-610
PWCDOT PROJECT NO.
SPR2021-00067

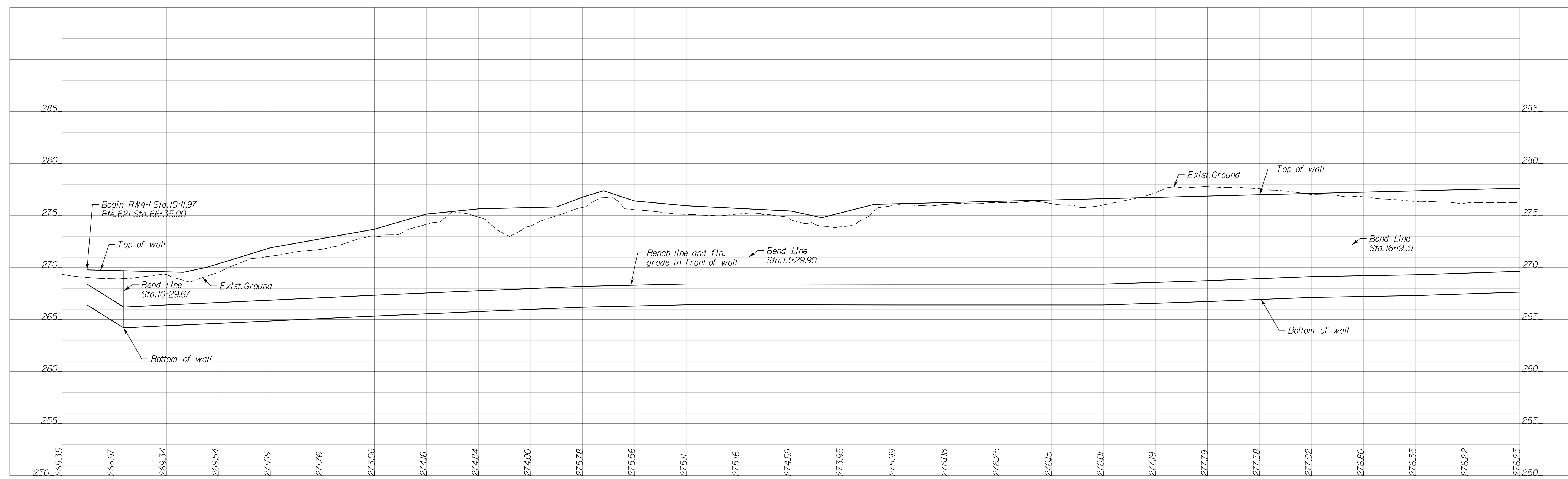
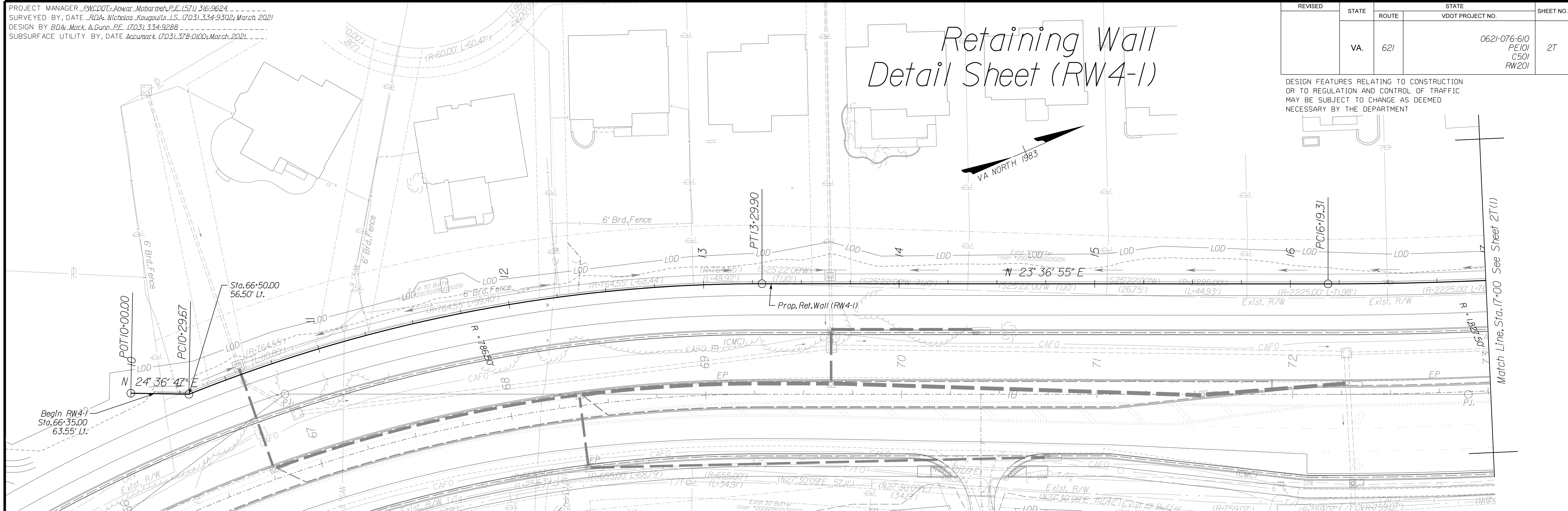
SHEET NO.
20(1)

PROJECT MANAGER PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoultis, L.S. (703) 334-9302; March 2021
DESIGN BY RDA: Mack_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 CS01 RW201	2T

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

Retaining Wall Detail Sheet (RW4-1)



NOVA DISTRICT

12/8/2021

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

17-00.00
VDOT PROJECT NO. 0621-076-610
PWCDOT PROJECT NO. SPR2021-00067

SHEET NO. 2T

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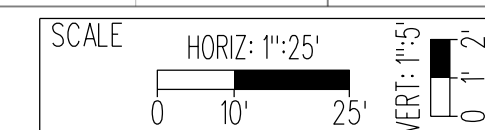
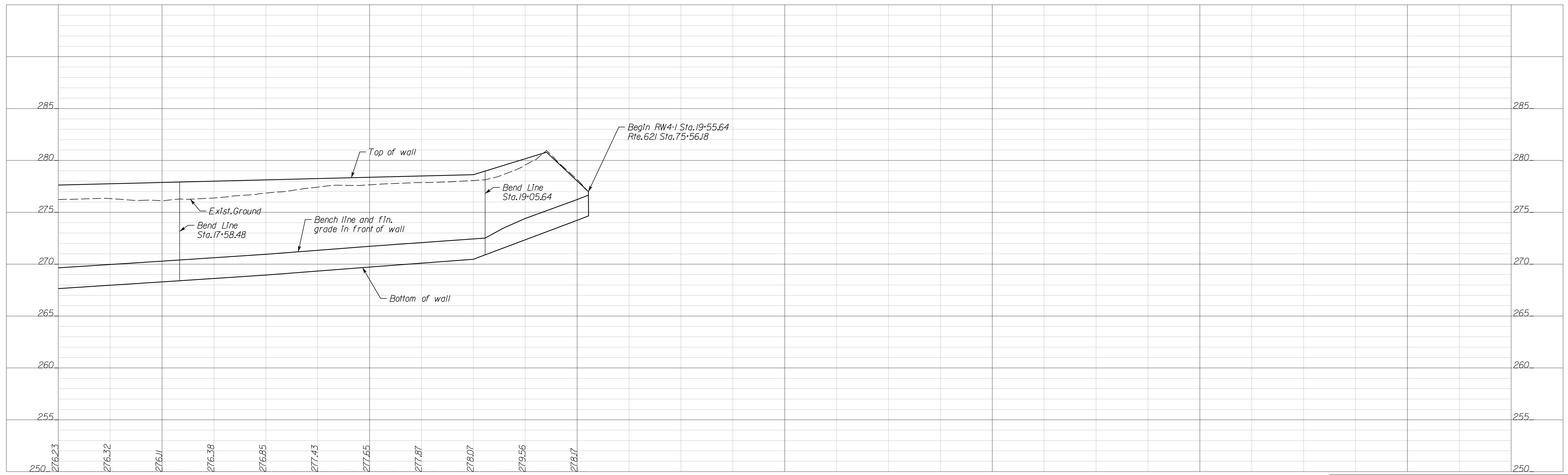
PH PLANS

PROJECT MANAGER_PWCDDOT: Aowar_Mohamreh, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	2T(1)

Retaining Wall Detail Sheet (RW4-1)

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VDOT PROJECT NO. 0621-076-610
PWCDDOT PROJECT NO. SPR2021-00067

SHEET NO. 2T(1)

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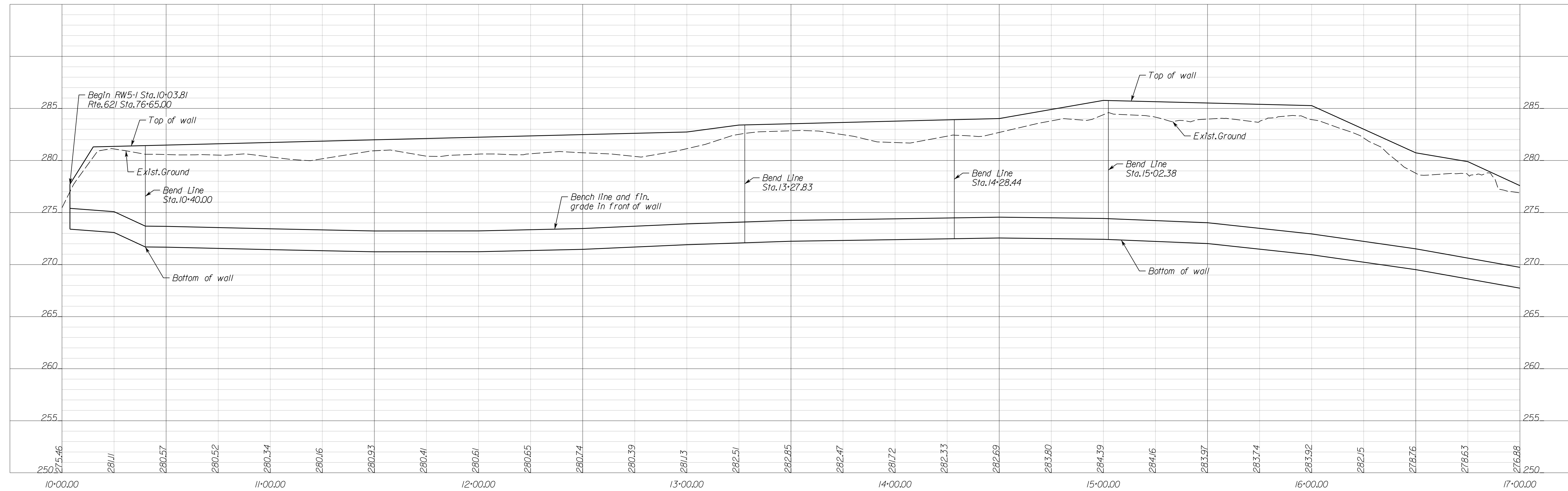
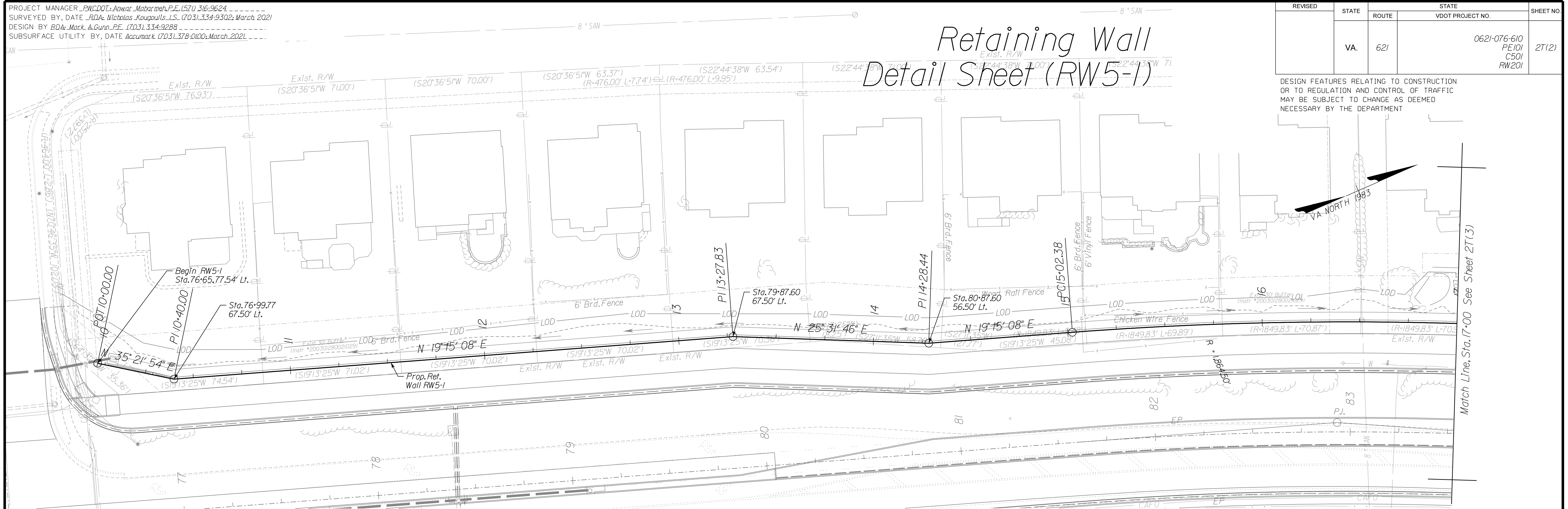
NOVA DISTRICT

PROJECT MANAGER: PWCDOT: Aowar, Motarneh, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas Kougoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

Retaining Wall Detail Sheet (RW5-1)

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	27(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

12/8/2021

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

VDOT PROJECT NO. 0621-076-610
PWCDOT PROJECT NO. SPR2021-00067

SHEET NO. 27(2)

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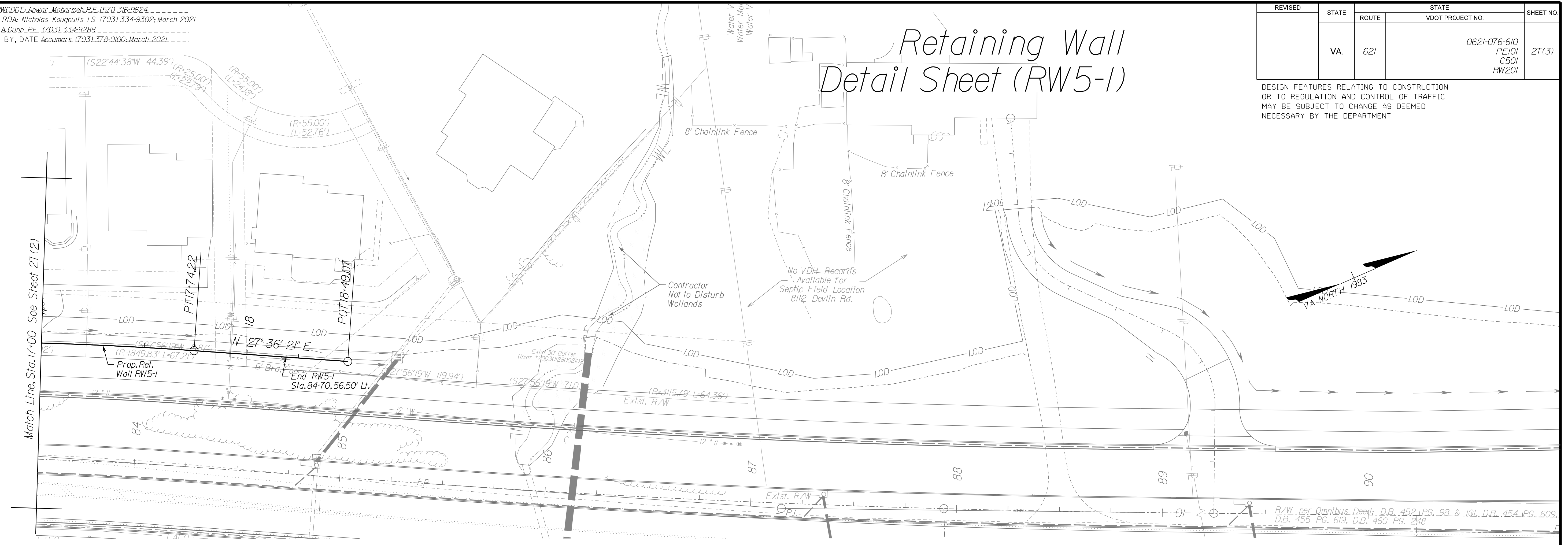
PH PLANS

PROJECT MANAGER_PWCDDOT: Aowar_Mohamreh, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_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 CS01 RW201	27(13)

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

Retaining Wall Detail Sheet (RW5-1)



NOVA DISTRICT

12/8/2021

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

VDOT PROJECT NO. 0621-076-610
PWCDDOT PROJECT NO. SPR2021-00067

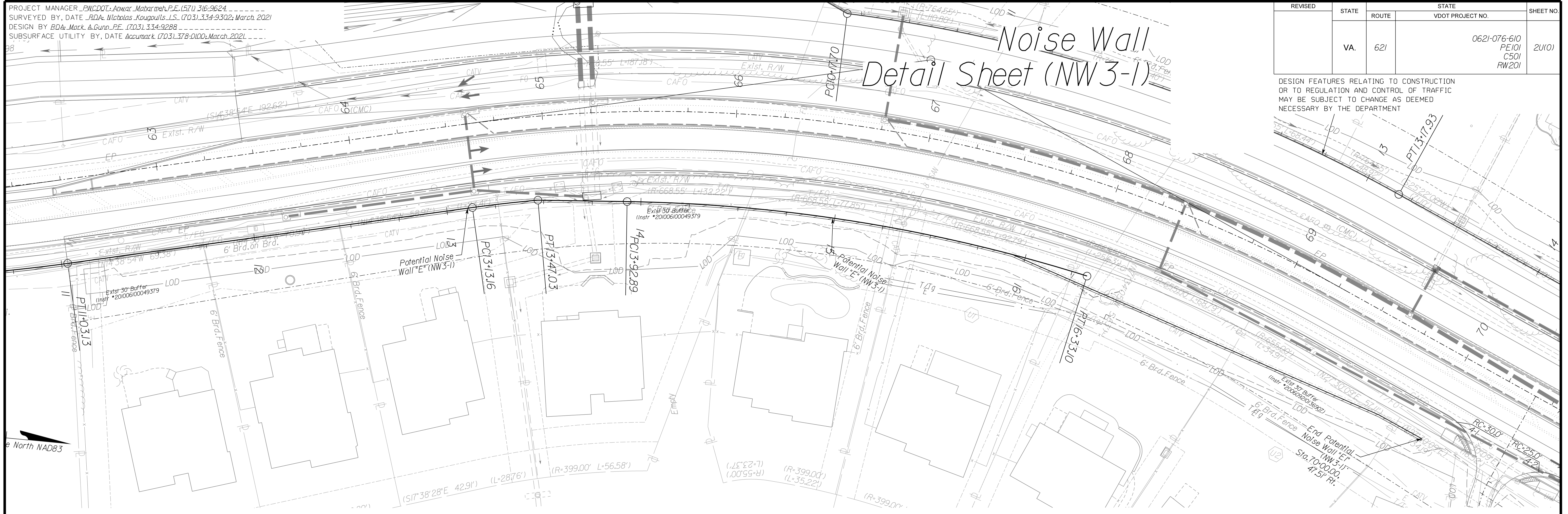
SHEET NO. 27(13)

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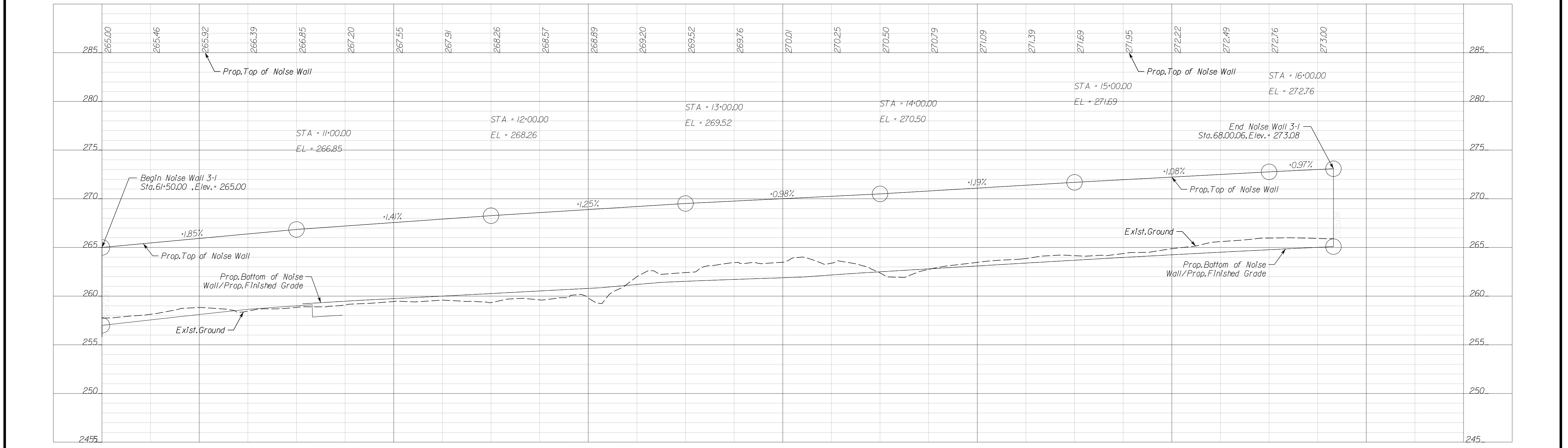
PH PLANS

PROJECT MANAGER_PWCDDT: Aowar_Mohamreh_P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoullis_L.S. (703) 334-9302; March 2021
DESIGN BY_RDA: Mack_A.Gunn_P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March 2021



REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	2U(0)

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

SCALE	HORIZ: 1"=25'	VERT: 1"=5'	VDOT PROJECT NO. 0621-076-610 PWCDDT PROJECT NO. SPR2021-00067	SHEET NO. 2U(0)
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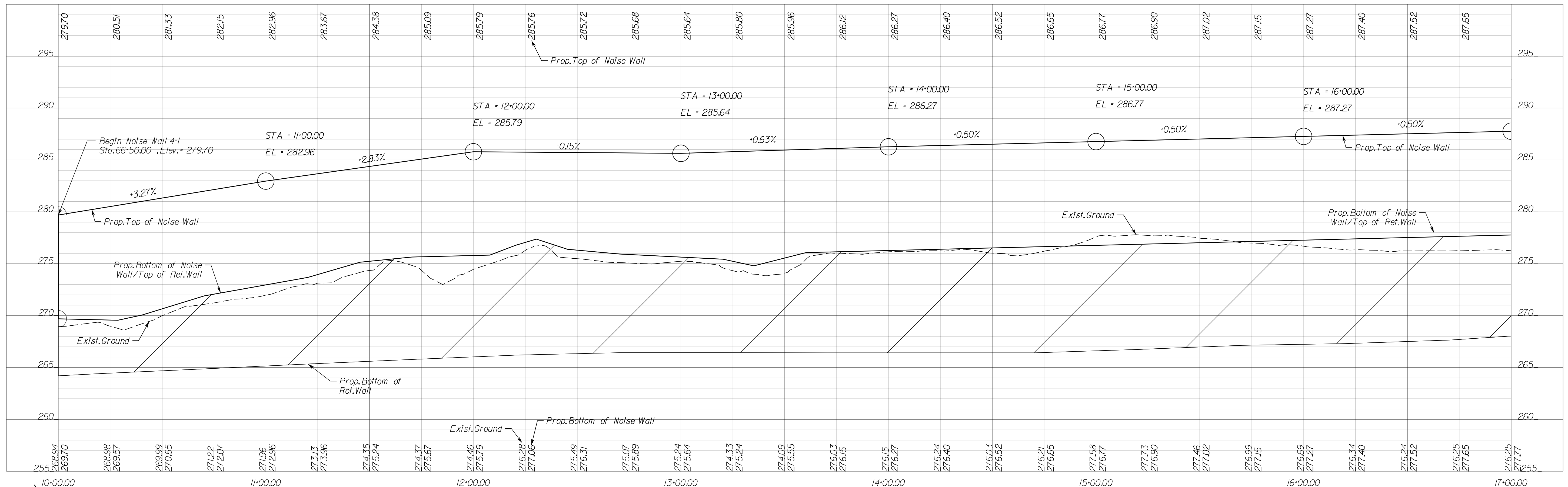
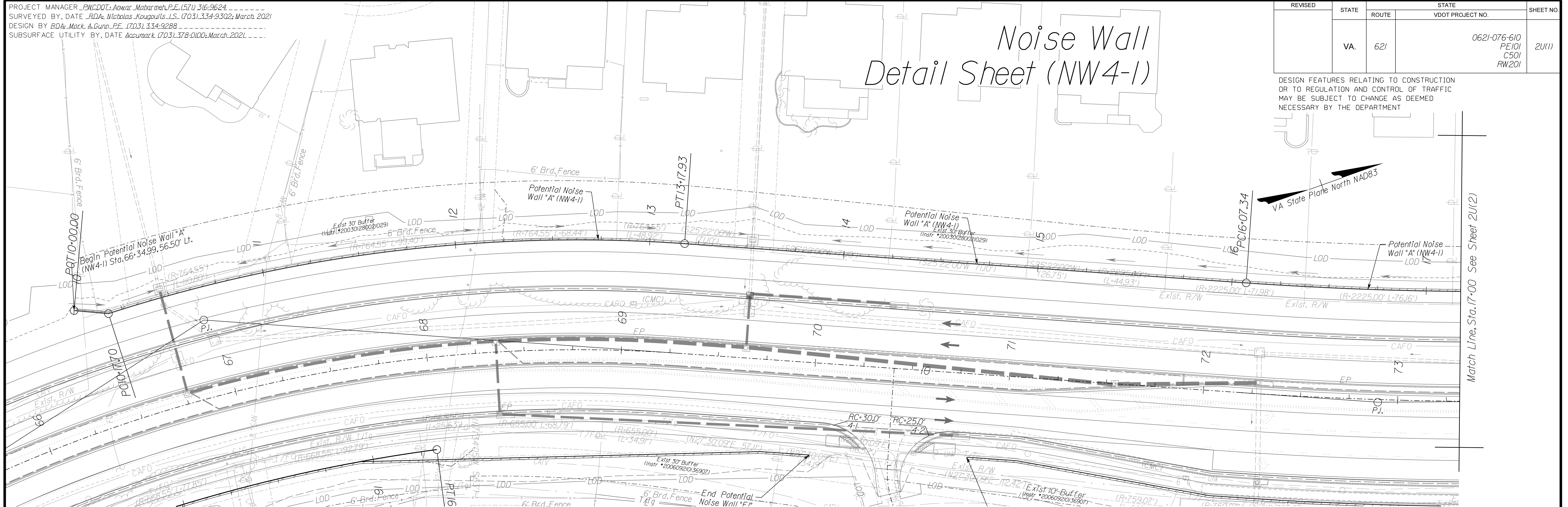
PH PLANS

PROJECT MANAGER: PWCDOT: Awar_Mohamed, P.E. (571) 316-9624
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SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

Noise Wall Detail Sheet (NW4-1)

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	2U(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

12/8/2021

SCALE	HORIZ: 1"=25'	VERT: 1"=5'	VDOT PROJECT NO. 0621-076-610	SHEET NO. 2U(1)
			PWCDOT PROJECT NO. SPR2021-00067	

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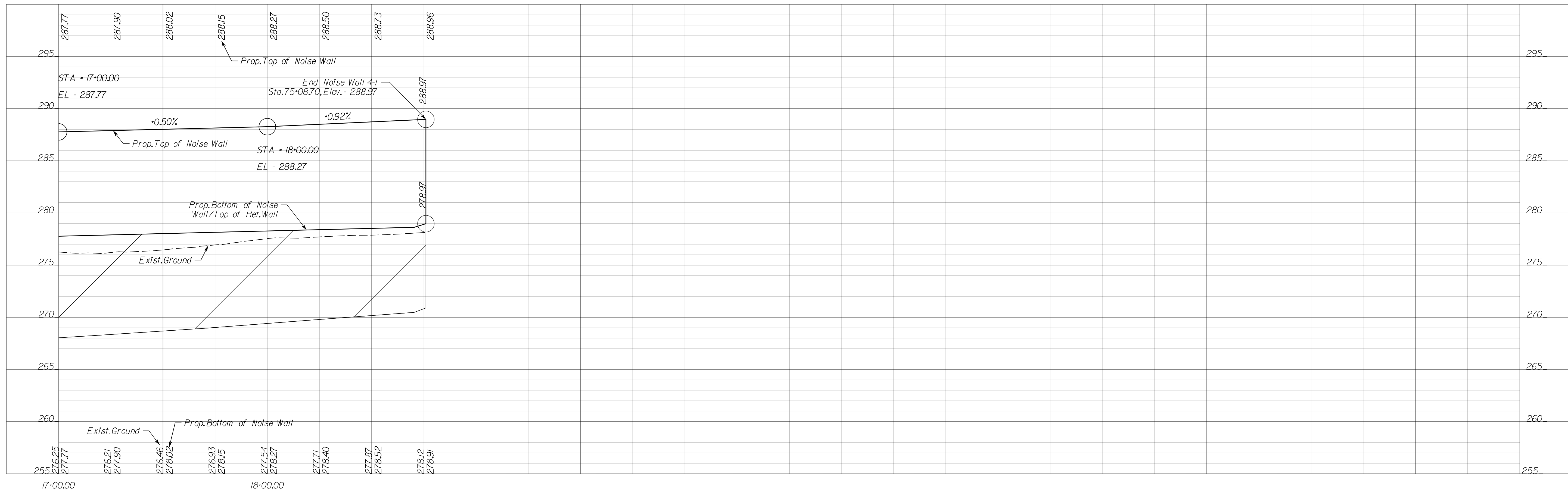
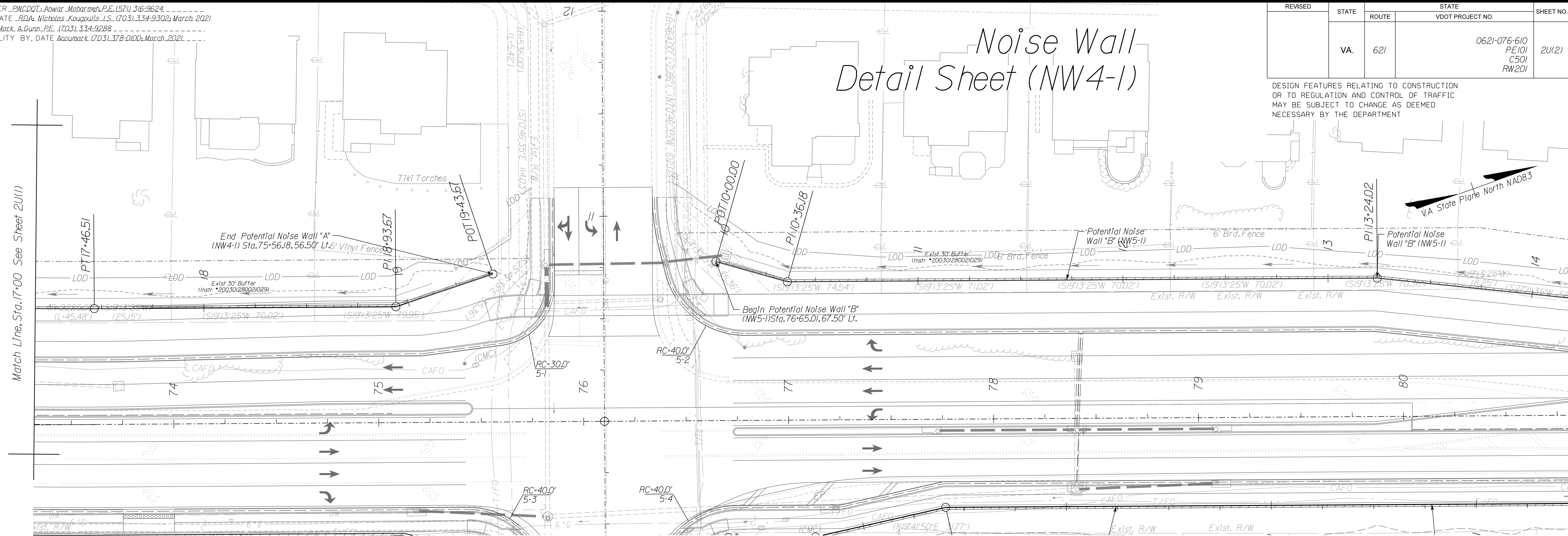
PH PLANS

PROJECT MANAGER_PWCDDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
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SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	2U(2)

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

Noise Wall Detail Sheet (NW4-1)



NOVA DISTRICT

12/8/2021

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

VDOT PROJECT NO. 0621-076-610
PWCDDOT PROJECT NO. SPR2021-00067

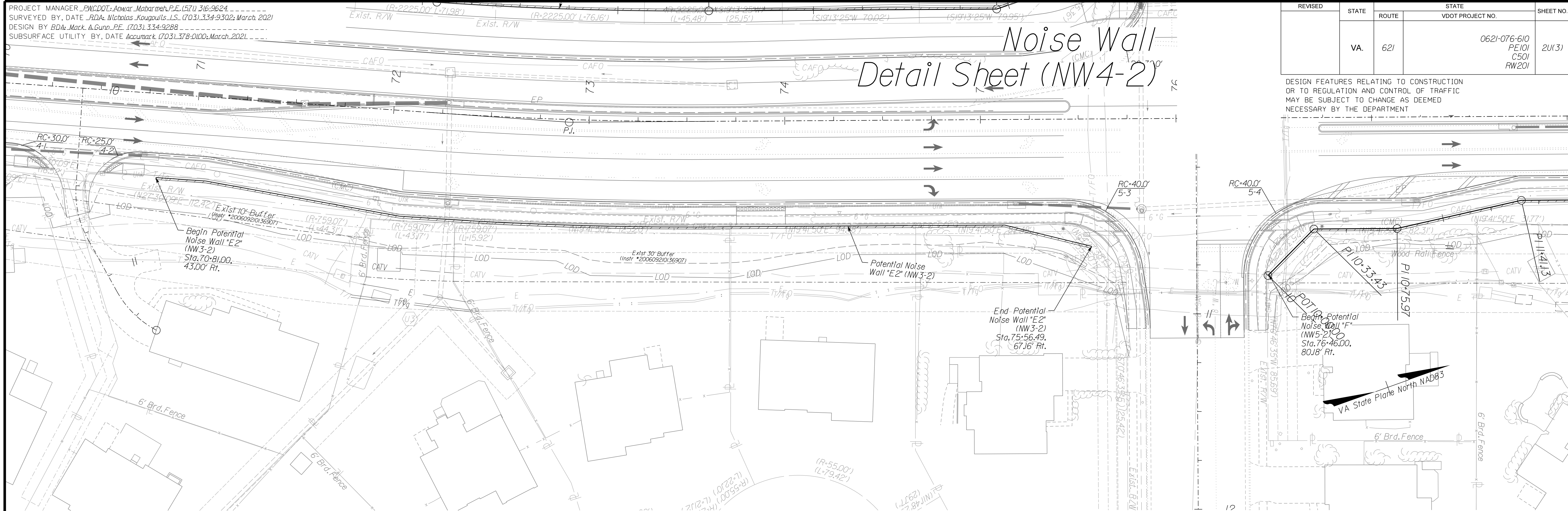
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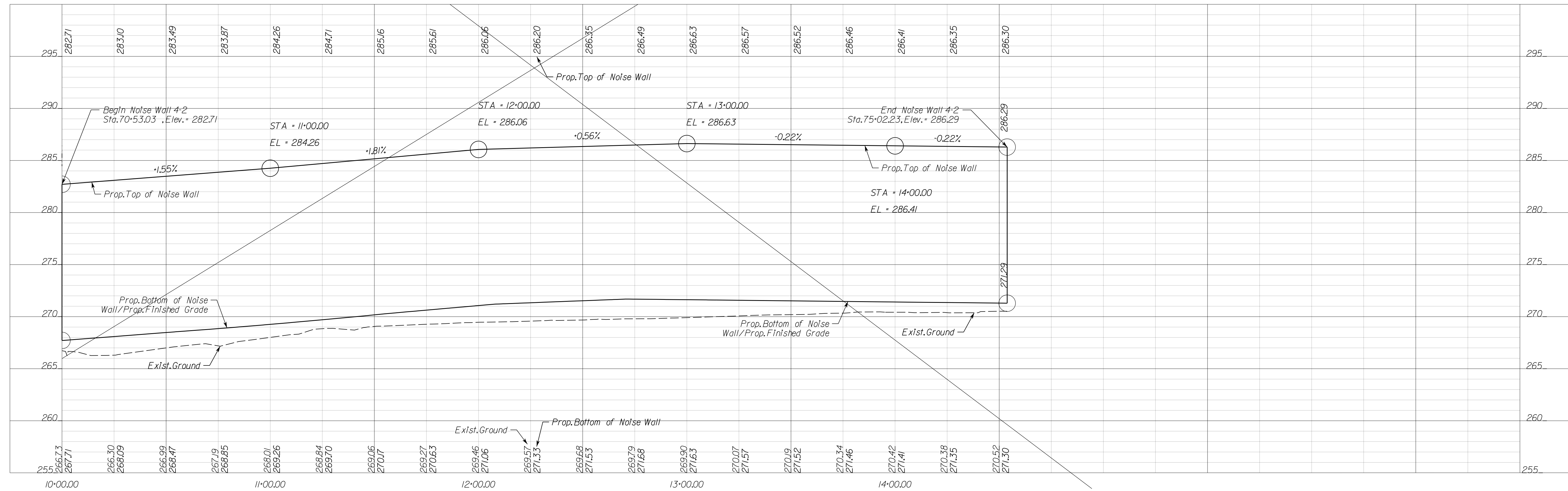
PH PLANS

PROJECT MANAGER_PWCDDOT: Anwar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougozitis, LS. (703) 334-9302; March 2021
DESIGN BY_RDA: Mack_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 CS01 RW201	2U(3)

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

12/8/2021

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

VDOT PROJECT NO. 0621-076-610
PWCDDOT PROJECT NO. SPR2021-00067

SHEET NO. 2U(3)

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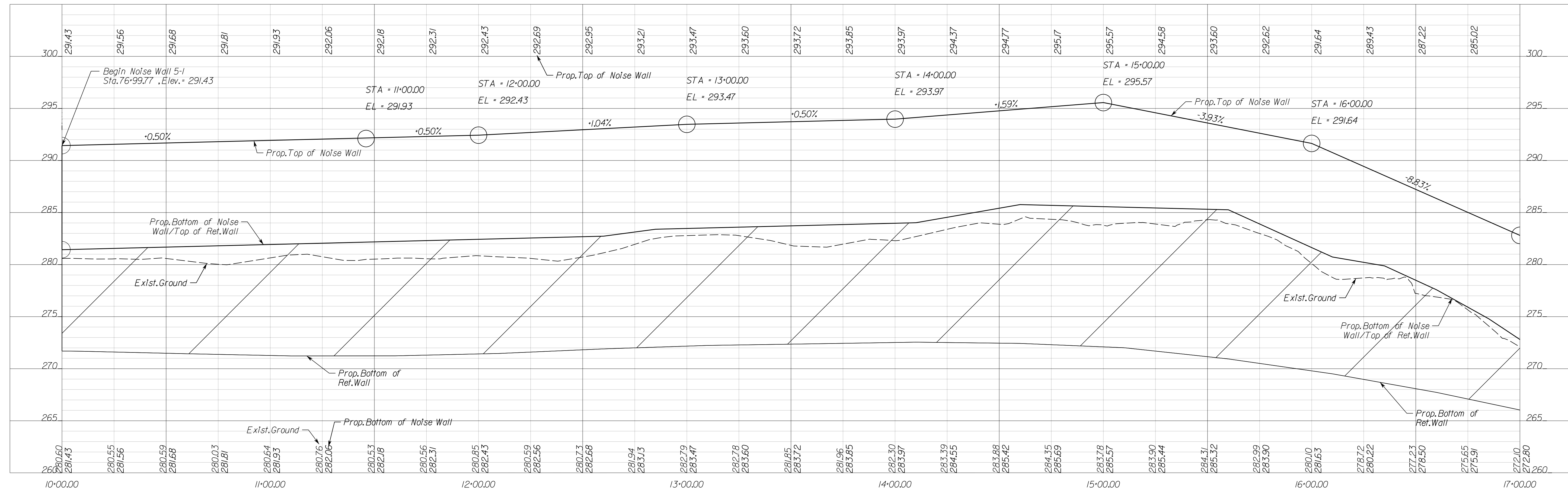
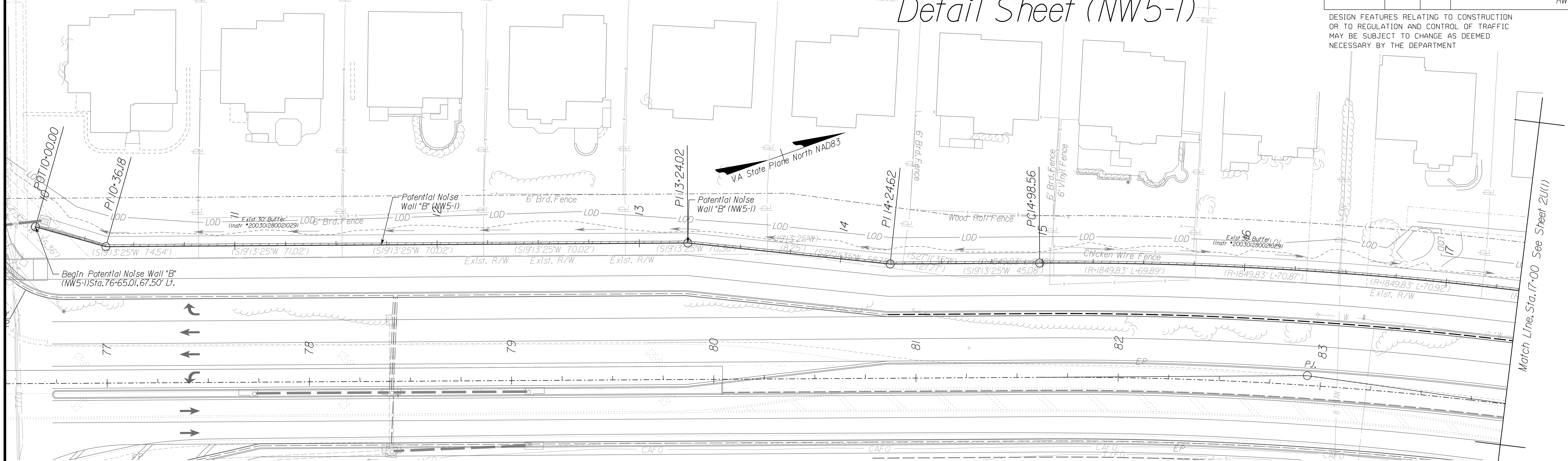
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REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	2U(4)

Noise Wall Detail Sheet (NW5-1)

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



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PH PLANS

NOVA DISTRICT

12/8/2021

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

VDOT PROJECT NO. 0621-076-610
PWCDDOT PROJECT NO. SPR2021-00067

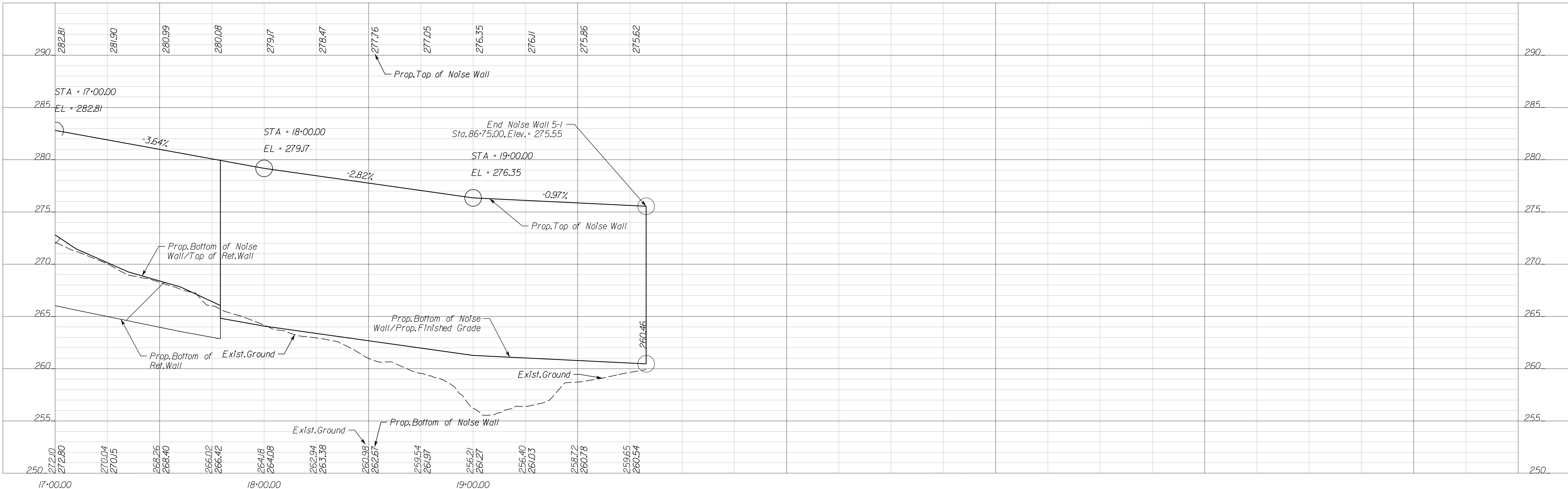
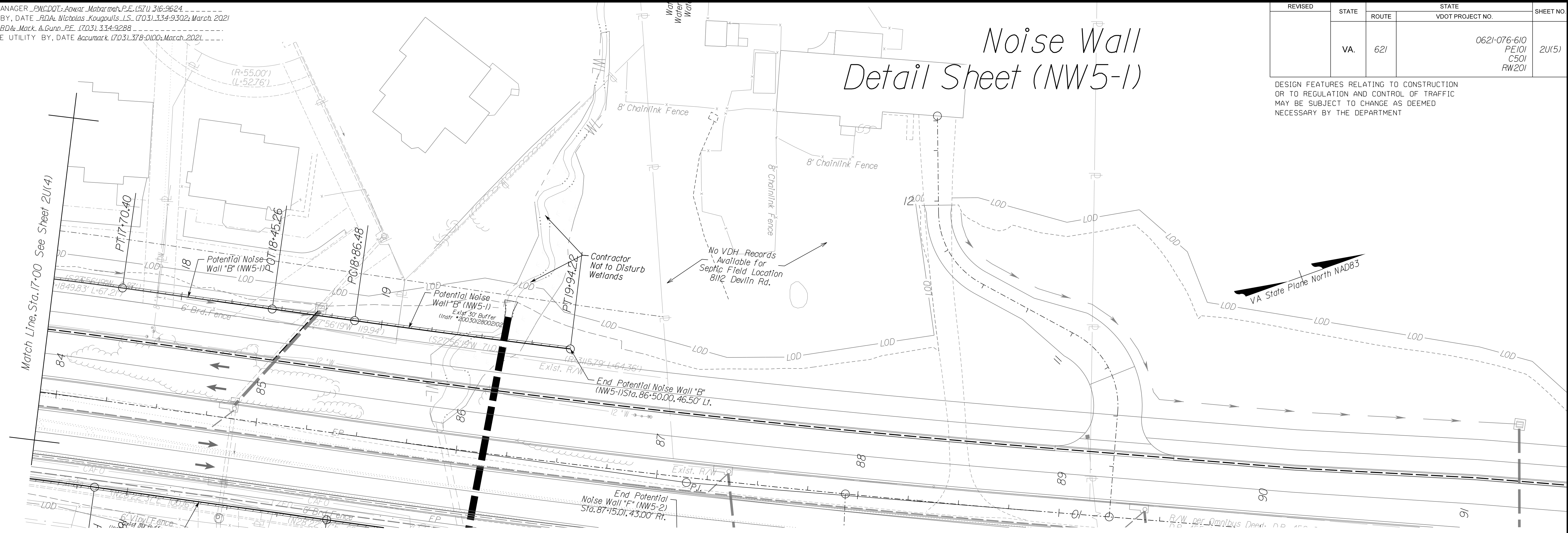
SHEET NO. 2U(4)

PROJECT MANAGER PWCDOT: Awwar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoulis, LS (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March, 2021

Noise Wall Detail Sheet (NW5-1)

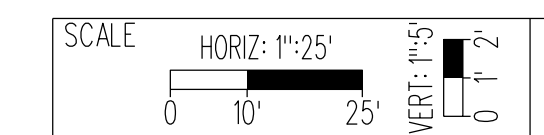
REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	2U(5)

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

12/8/2021



VDOT PROJECT NO. 0621-076-610
PWCDOT PROJECT NO. SPR2021-00067
SHEET NO. 2U(5)

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.

PH PLANS

PROJECT MANAGER: PWCDOT: Anwar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas_Kougozits, L.S. (703) 334-9302; March, 2021
DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

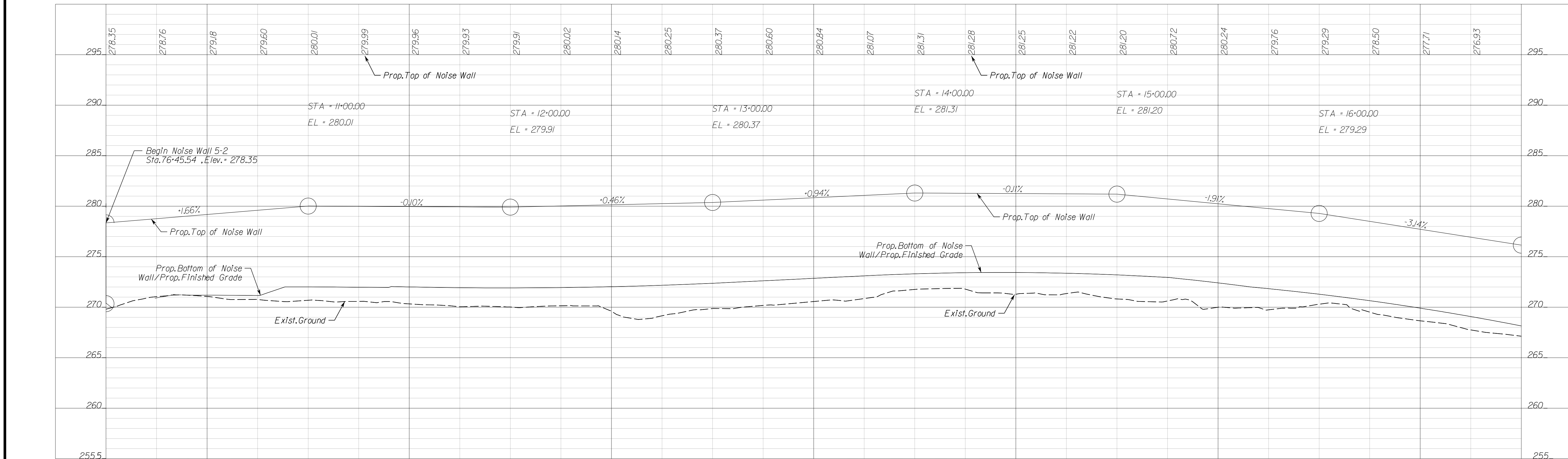
Begin Potential Noise Wall "B"
(NW5-1) Sta. 76+65.01, 67.50' Lt.



REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	2U(6)

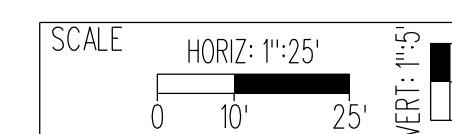
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Match Line, Sta. 17+00 See Sheet 2U(7)



NOVA DISTRICT

12/8/2021



VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 2U(6)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

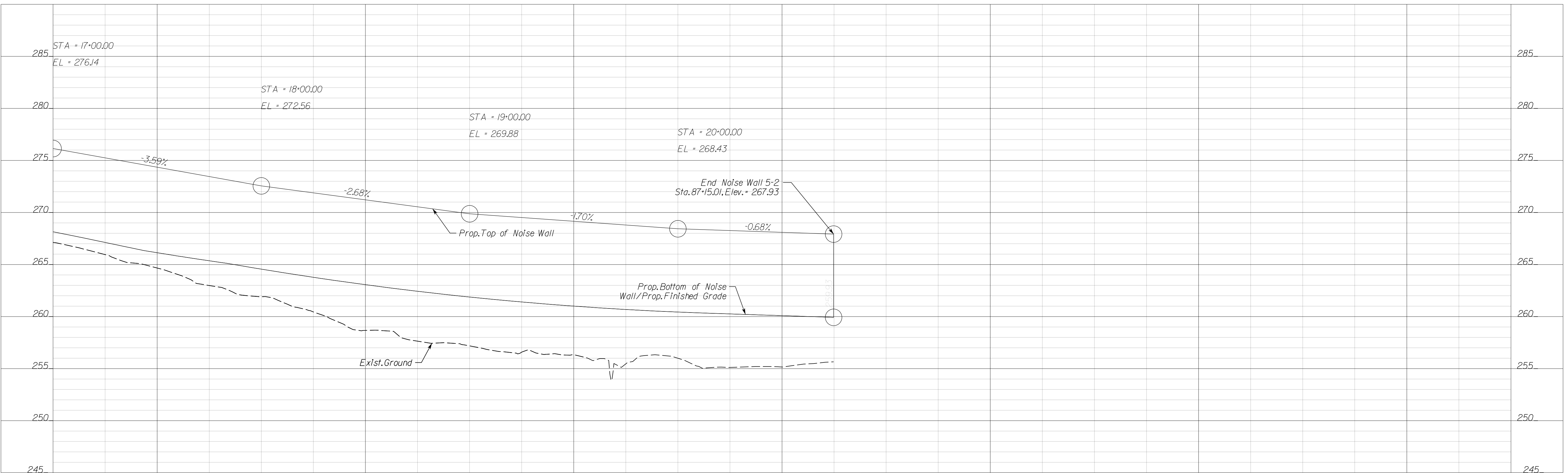
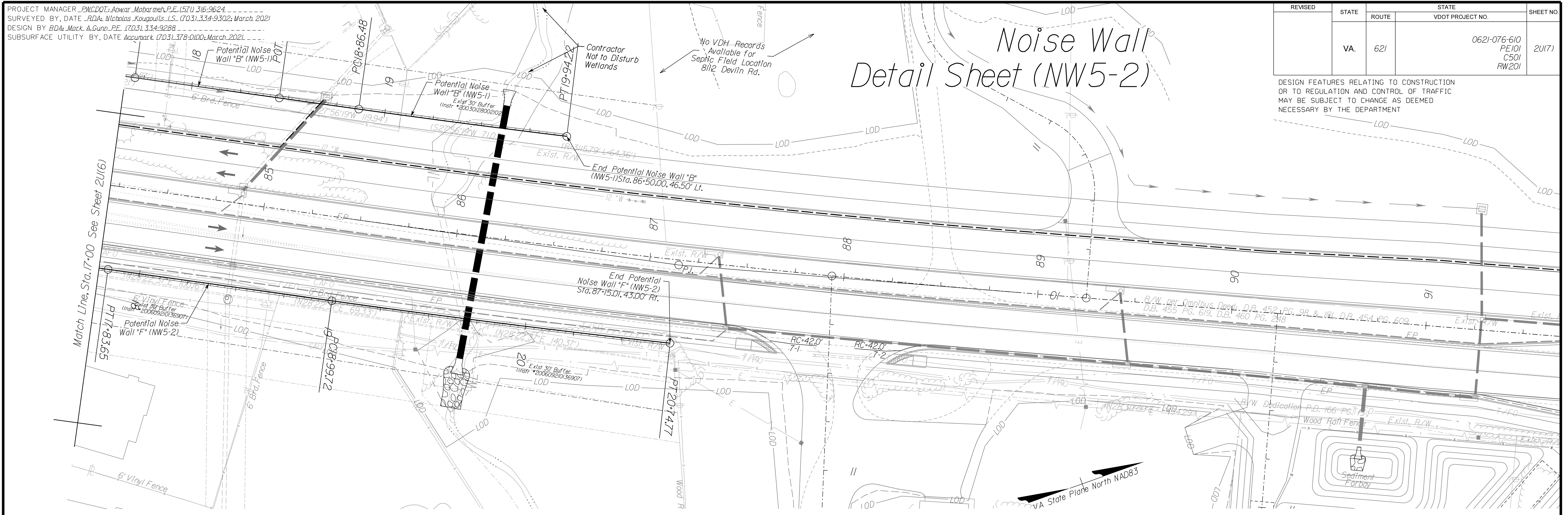
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PH PLANS

PROJECT MANAGER PWCDOT: Awar, Motarmeh, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas Kougoullis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack, A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurark (703) 378-0100; March, 2021

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	2U(7)

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

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

VDOT PROJECT NO. 0621-076-610
PWCDOT PROJECT NO. SPR2021-00067

SHEET NO. 2U(7)

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.

PH PLANS

PROJECT MANAGER: PNWCDOT: Awar_Mohamreh, P.E. (571) 316-9624
 SURVEYED BY: DATE: RDA: Nicholas_Kougoultis, L.S. (703) 334-9302; March, 2021
 DESIGN BY: RDA: Mack_A.Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY: DATE: Accumark (703) 378-0100; March, 2021

UTILITY OWNERS
 (SEE SHEET IH)

Roadway Legend

- 1 -> Denotes S1'd.MS-1 Req'd.
- 3 -> Denotes S1'd.MS-2 Req'd.
- 4 -> Denotes S1'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
- LOD - Denotes Limits of Disturbance
- POI University Blvd., Sta. 83+79.43
- 3A POI Deviln Rd., Sta. 59+21.73
 Delta= 87°52'12"

Drainage Legend

- 2 -> Denotes UD-2 Req'd.
- 4 -> Denotes UD-4 Req'd.
- △ -> Denotes Pipe/Structure to be Removed

Pavement Legend

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

Noise Wall Legend

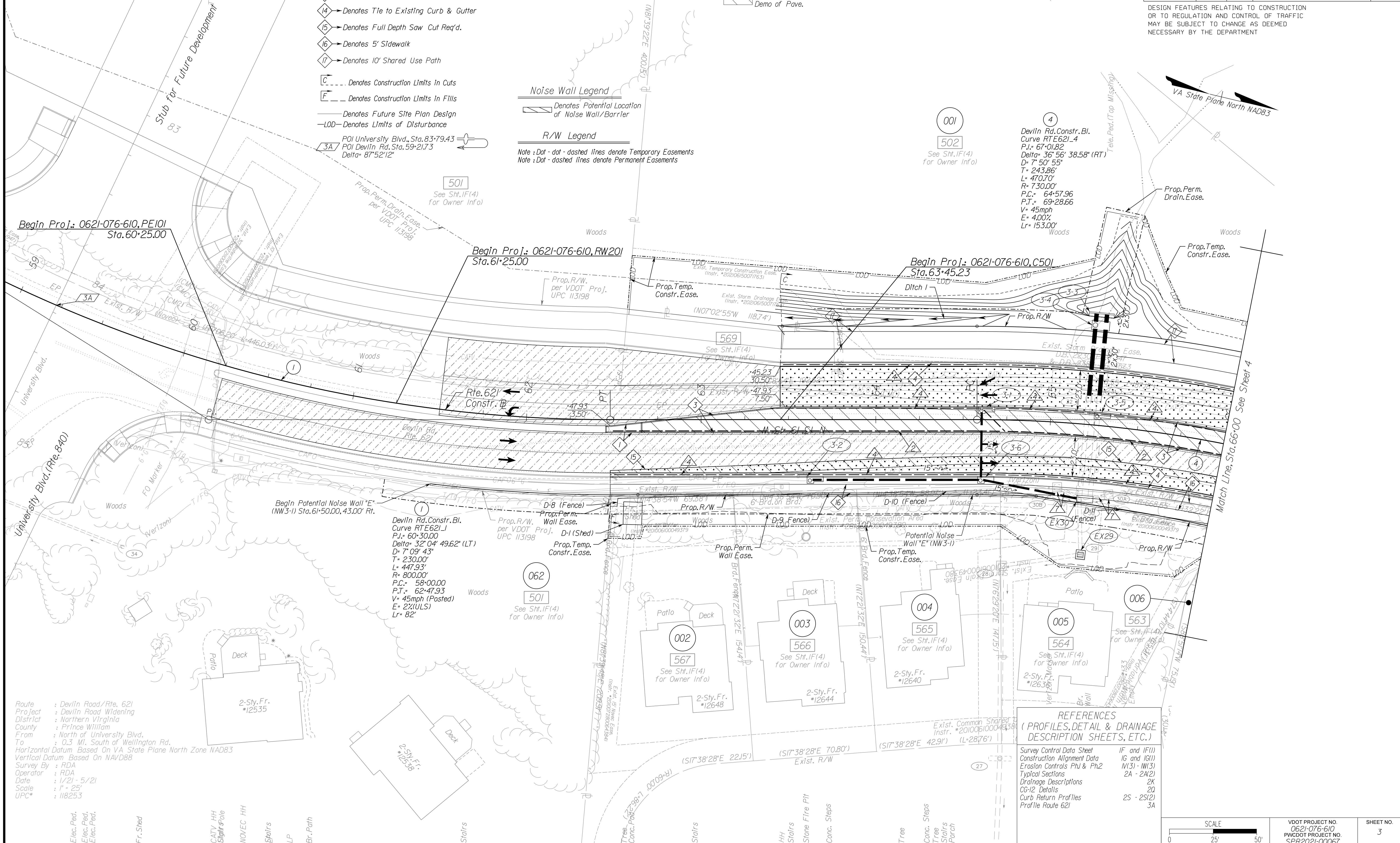
- ▭ Denotes Potential Location of Noise Wall/Barrier

R/W Legend

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

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 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



Route : Deviln Road/Rte. 621
 Project : Deviln Road Widening
 District : Northern Virginia
 County : Prince William
 From : North of University Blvd.
 To : 0.3 MI. South of Wellington Rd.
 Horizontal Datum Based On VA State Plane North Zone NAD83
 Vertical Datum Based On NAVD88
 Survey By : RDA
 Operator : RDA
 Date : 1/21 - 5/21
 Scale : 1" = 25'
 UPC* : 118253

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

Survey Control Data Sheet	IF and IF(1)
Construction Alignment Data	1G and 1G(1)
Erosion Controls Ph1 & Ph2	1(3) - 1(3)
Typical Sections	2A - 2A(2)
Drainage Descriptions	2K - 2K
CG-12 Details	20
Curb Return Profiles	2S - 2S(2)
Profile Route 621	3A



VDOT PROJECT NO. 0621-076-610 PNWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 3
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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.

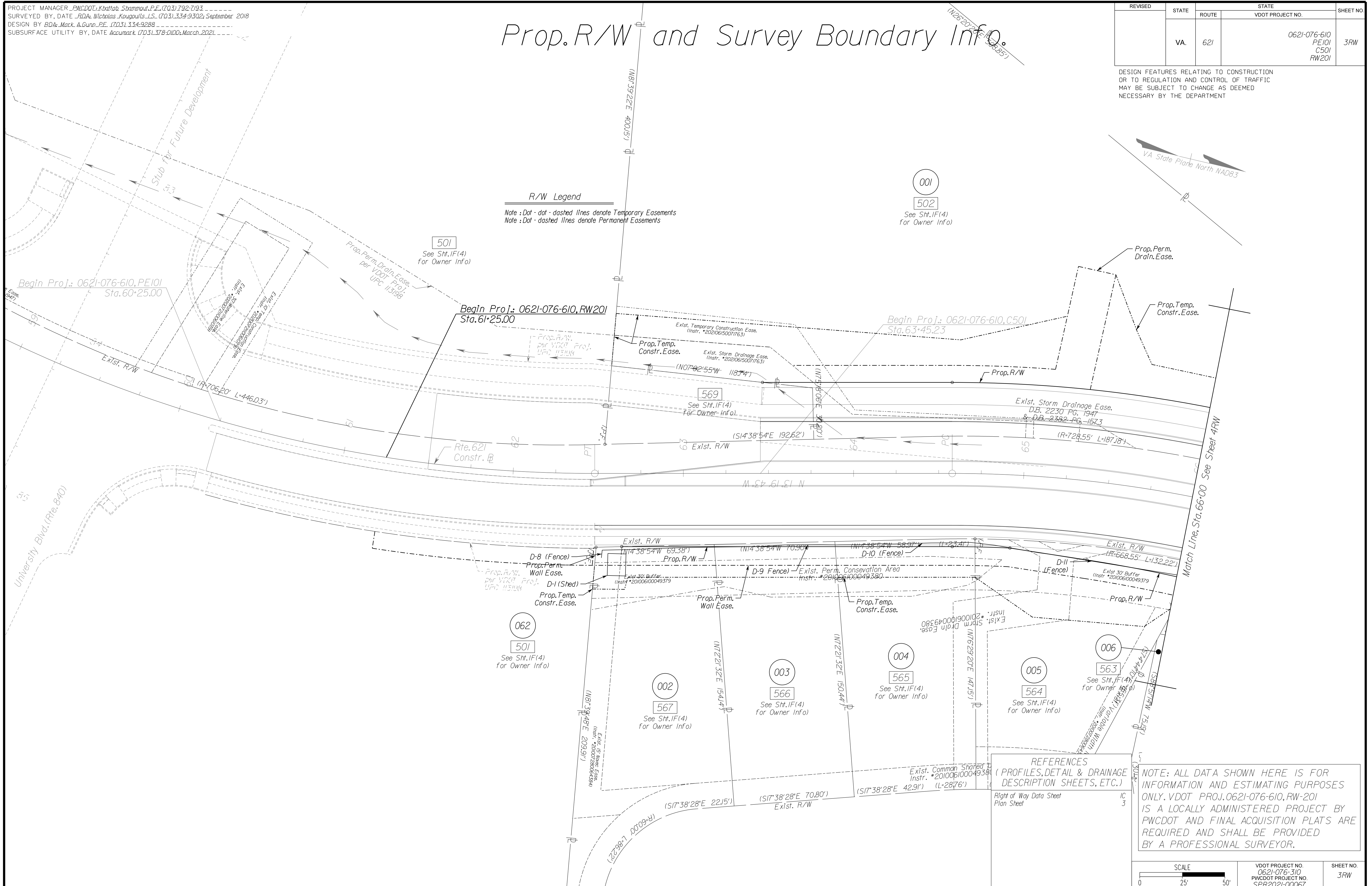
PH PLANS

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

Prop. R/W and Survey Boundary Info.

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621	VA.		
				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



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

001
 502
 See Sht. IF(4)
 For Owner Info

501
 See Sht. IF(4)
 For Owner Info

569
 See Sht. IF(4)
 For Owner Info

062
 501
 See Sht. IF(4)
 For Owner Info

002
 567
 See Sht. IF(4)
 For Owner Info

003
 566
 See Sht. IF(4)
 For Owner Info

004
 565
 See Sht. IF(4)
 For Owner Info

005
 564
 See Sht. IF(4)
 For Owner Info

006
 563
 See Sht. IF(4)
 For Owner Info

REFERENCES
 (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)
 Right of Way Data Sheet IC 3
 Plan Sheet

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. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 3RW
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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.

PH PLANS

NOVA DISTRICT

12/8/2021

PROJECT MANAGER: PWCDDOT: Awar_Mohamed, P.E. (571) 316-9624
 SURVEYED BY, DATE: RDA: Nicholas_Koungouls, L.S. (703) 334-9302; March 2021
 DESIGN BY: RDA: Mack_A Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March 2021

UTILITY OWNERS
(SEE SHEET 1H)

R/W Legend

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

POI Private Driveway, Sta. 10+00.00
 POI Devlin Rd, Sta. 70+40.62
 Delta: 90°00'00"

- Roadway Legend**
- 1 Denotes S't.d. MS-1 Req'd.
 - 3 Denotes S't.d. MS-2 Req'd.
 - 4 Denotes S't.d. CG-6 Req'd.
 - 5 Denotes S't.d. Radial CG-6 Req'd.
 - 13 Denotes S't.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

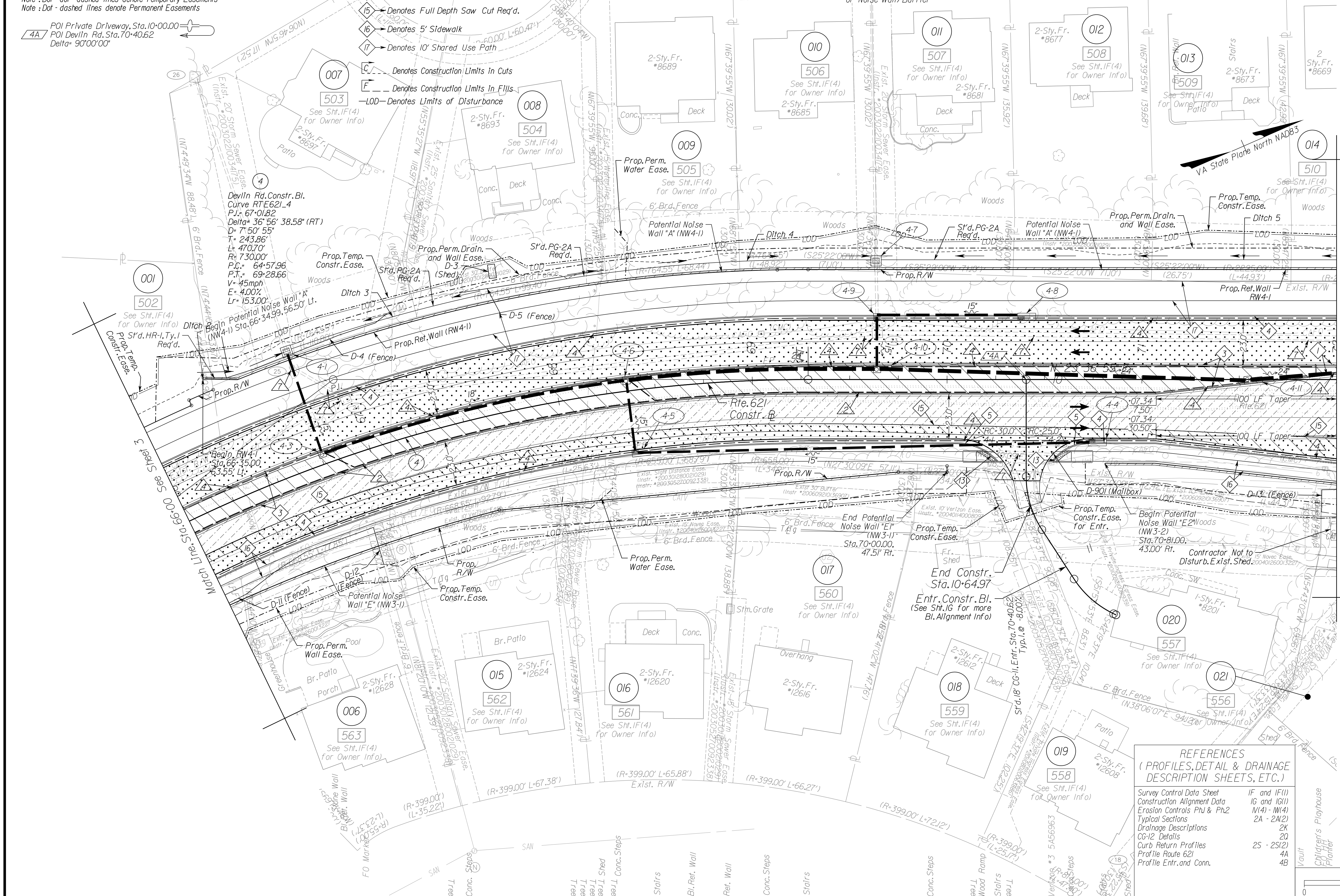
- Drainage Legend**
- 1 Denotes UD-2 Req'd.
 - 4 Denotes UD-4 Req'd.
 - 7 Denotes Pipe/Structure to be Removed

- 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

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	4

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



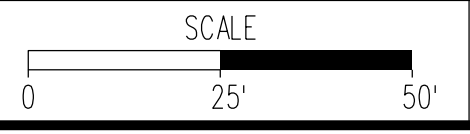
Match Line, Sta. 72+00 See Sheet 5

NOVA DISTRICT

12/8/2021

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

Survey Control Data Sheet	IF and IF(1)
Construction Alignment Data	IG and IG(1)
Erosion Controls Ph1 & Ph2	M(4) - NW(4)
Typical Sections	2A - 2A(2)
Drainage Descriptions	2K
CG-12 Details	2S - 2S(2)
Curb Return Profiles	4A
Profile Route 621	4B
Profile Entr. and Conn.	



VDOT PROJECT NO. 0621-076-610 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 4
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

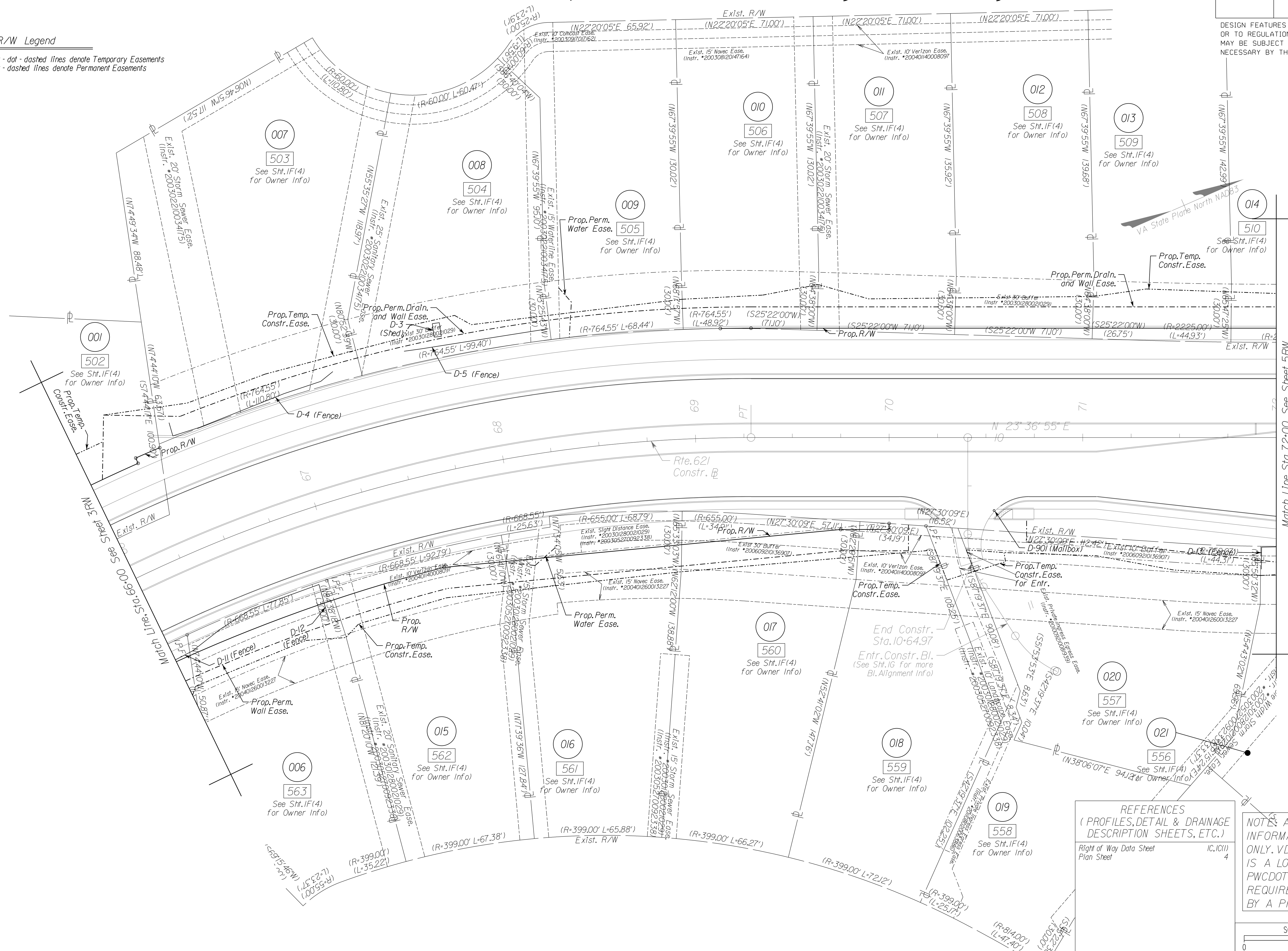
PROJECT MANAGER: PWCDOT: Khatbab, Shanmou, P.E. (703) 792-7193
SURVEYED BY, DATE: RDA: Nicholas Kougoulis, L.S. (703) 334-9302; September 2018
DESIGN BY: RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accumark (703) 378-0100; March 2021

Prop. R/W and Survey Boundary Info.

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	4RW

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

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.1C(11)
Plan Sheet 4

NOTES: 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. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 4RW
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

NOVA DISTRICT

12/8/2021

PROJECT MANAGER: ENCODOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE: RDA: Nicholas_Kougoullis, LS (703) 334-9302, March 2021
DESIGN BY: RDA: Mack_Gunn, PE (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100, March 2021

Roadway Legend

- 1 -> Denotes S'd.MS-1 Req'd.
- 2 -> Denotes S'd.MS-1A Req'd.
- 3 -> Denotes S'd.MS-2 Req'd.
- 4 -> Denotes S'd.CG-6 Req'd.
- 5 -> Denotes S'd.Radial CG-6 Req'd.
- 6 -> Denotes S'd.CG-2 Req'd.
- 7 -> Denotes S'd.Radial CG-2 Req'd.
- 8 -> Denotes Construction Limits in Cuts
- 9 -> Denotes Construction Limits in Fills
- 10 -> Denotes S'd.CG-12, Type A Req'd.
- 11 -> Denotes S'd.CG-12, Type B Req'd.
- 12 -> Denotes Tie to Existing Curb & Gutter
- 13 -> Denotes Full Depth Saw Cut Req'd.
- 14 -> Denotes 5' Sidewalk
- 15 -> Denotes 10' Shared Use Path
- 16 -> Denotes S'd.FE-CL Req'd.
- 17 -> Denotes Curb Warping Required
- 18 -> Denotes Limits of Disturbance
- 19 -> Denotes Limits of Disturbance

UTILITY OWNERS

- 014 -> See SH.IF(4) for Owner Info
- 022 -> See SH.IF(4) for Owner Info
- 023 -> See SH.IF(4) for Owner Info
- 024 -> See SH.IF(4) for Owner Info
- 025 -> See SH.IF(4) for Owner Info
- 026 -> See SH.IF(4) for Owner Info
- 027 -> See SH.IF(4) for Owner Info
- 028 -> See SH.IF(4) for Owner Info
- 029 -> See SH.IF(4) for Owner Info
- 030 -> See SH.IF(4) for Owner Info
- 031 -> See SH.IF(4) for Owner Info
- 032 -> See SH.IF(4) for Owner Info
- 033 -> See SH.IF(4) for Owner Info
- 034 -> See SH.IF(4) for Owner Info
- 035 -> See SH.IF(4) for Owner Info
- 050 -> See SH.IF(4) for Owner Info
- 051 -> See SH.IF(4) for Owner Info
- 052 -> See SH.IF(4) for Owner Info
- 053 -> See SH.IF(4) for Owner Info
- 054 -> See SH.IF(4) for Owner Info
- 055 -> See SH.IF(4) for Owner Info
- 056 -> See SH.IF(4) for Owner Info
- 057 -> See SH.IF(4) for Owner Info
- 058 -> See SH.IF(4) for Owner Info
- 059 -> See SH.IF(4) for Owner Info
- 060 -> See SH.IF(4) for Owner Info
- 061 -> See SH.IF(4) for Owner Info
- 062 -> See SH.IF(4) for Owner Info
- 063 -> See SH.IF(4) for Owner Info
- 064 -> See SH.IF(4) for Owner Info
- 065 -> See SH.IF(4) for Owner Info
- 066 -> See SH.IF(4) for Owner Info
- 067 -> See SH.IF(4) for Owner Info
- 068 -> See SH.IF(4) for Owner Info
- 069 -> See SH.IF(4) for Owner Info
- 070 -> See SH.IF(4) for Owner Info
- 071 -> See SH.IF(4) for Owner Info
- 072 -> See SH.IF(4) for Owner Info
- 073 -> See SH.IF(4) for Owner Info
- 074 -> See SH.IF(4) for Owner Info
- 075 -> See SH.IF(4) for Owner Info
- 076 -> See SH.IF(4) for Owner Info
- 077 -> See SH.IF(4) for Owner Info
- 078 -> See SH.IF(4) for Owner Info
- 079 -> See SH.IF(4) for Owner Info
- 080 -> See SH.IF(4) for Owner Info
- 081 -> See SH.IF(4) for Owner Info
- 082 -> See SH.IF(4) for Owner Info
- 083 -> See SH.IF(4) for Owner Info
- 084 -> See SH.IF(4) for Owner Info
- 085 -> See SH.IF(4) for Owner Info
- 086 -> See SH.IF(4) for Owner Info
- 087 -> See SH.IF(4) for Owner Info
- 088 -> See SH.IF(4) for Owner Info
- 089 -> See SH.IF(4) for Owner Info
- 090 -> See SH.IF(4) for Owner Info
- 091 -> See SH.IF(4) for Owner Info
- 092 -> See SH.IF(4) for Owner Info
- 093 -> See SH.IF(4) for Owner Info
- 094 -> See SH.IF(4) for Owner Info
- 095 -> See SH.IF(4) for Owner Info
- 096 -> See SH.IF(4) for Owner Info
- 097 -> See SH.IF(4) for Owner Info
- 098 -> See SH.IF(4) for Owner Info
- 099 -> See SH.IF(4) for Owner Info
- 100 -> See SH.IF(4) for Owner Info

Drainage Legend

- 4 -> Denotes UD-4 Req'd.
- 6 -> Denotes CD-2 Req'd.
- 7 -> Denotes Pipe/Structure to be Removed

R/W Legend

- 5A -> POI Fog Light Wy, Sta. 10+00.00
- 5B -> POI Pike Branch Dr., Sta. 10+00.00
- 5C -> POI Devlin Rd, Sta. 76+10.18
- 5D -> POI Devlin Rd, Sta. 76+10.18

Pavement Legend

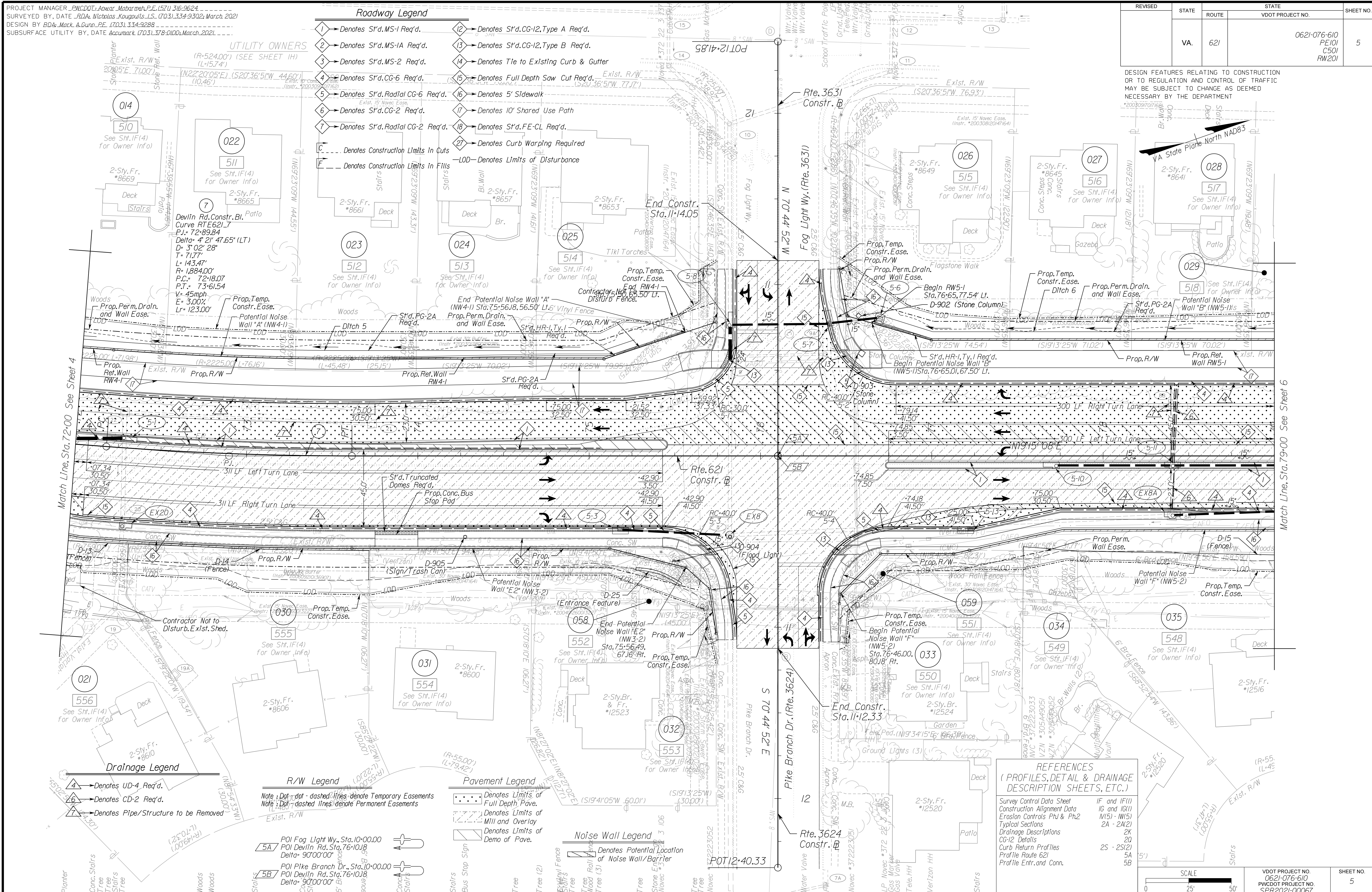
- Denotes Limits of Full Depth Pave.
- Denotes Limits of Mill and Overlay
- Denotes Limits of Demo of Pave.

Noise Wall Legend

- Denotes Potential Location of Noise Wall/Barrier

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA	621		0621-076-610 PE101 CS01 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



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

Survey Control Data Sheet	IF and IF(1)
Construction Alignment Data	IG and IG(1)
Erosion Controls Ph1 & Ph2	M51 - M52
Typical Sections	2A - 2A(2)
Drainage Descriptions	2K
CG-12 Details	20
Curb Return Profiles	2S - 2S(2)
Profile Route 621	5A
Profile Entr. and Conn.	5B

SCALE: 0 25' 50'

VDOT PROJECT NO.	0621-076-610	SHEET NO.	5
PWCDDOT PROJECT NO.	SPR2021-00067		

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

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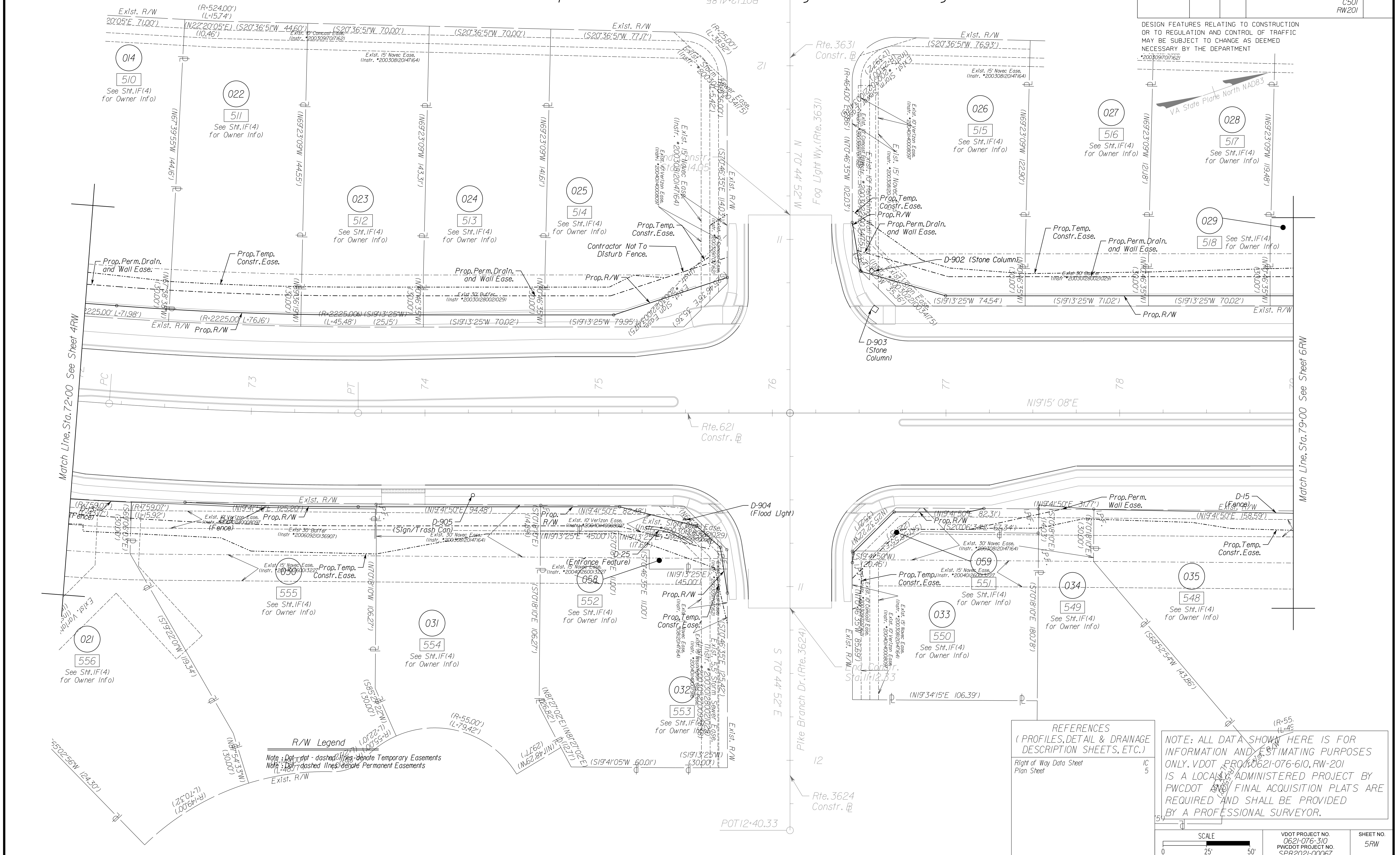
PH PLANS

PROJECT MANAGER_PWC DOT: Khatib, Shanmouh, P.E. (703) 792-7193
 SURVEYED BY, DATE_RDA: Nicholas Kouyoultis, L.S. (703) 334-9302; September 2018
 DESIGN BY_RDA: Mack, A. Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March 2021

Prop. R/W and Survey Boundary Info.

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 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



R/W Legend
 Note: Dotted-dashed lines denote Temporary Easements
 Note: Dashed lines denote Permanent Easements

REFERENCES
 (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)
 Right of Way Data Sheet IC 5
 Plan Sheet

NOTE: ALL DATA SHOWN HERE IS FOR INFORMATION AND ESTIMATING PURPOSES ONLY. VDOT PROJECT 0621-076-310, RW-201 IS A LOCALLY ADMINISTERED PROJECT BY PWC DOT. FINAL ACQUISITION PLATS ARE REQUIRED AND SHALL BE PROVIDED BY A PROFESSIONAL SURVEYOR.

VDOT PROJECT NO. 0621-076-310 PWC DOT PROJECT NO. SPR2021-00067	SHEET NO. 5RW
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

NOVA DISTRICT

12/8/2021

PROJECT MANAGER_PWC DOT: Aowar_Mohamreh, P.E. (571) 316-9624
 SURVEYED BY, DATE_RDA: Nicholas_Kouyoultis, L.S. (703) 334-9302; March, 2021
 DESIGN BY_RDA: Mack_A_Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

Roadway Legend

- 1 -> Denotes S1'd-MS-1 Req'd.
- 3 -> Denotes S1'd-MS-2 Req'd.
- 4 -> Denotes S1'd-CG-6 Req'd.
- 6 -> Denotes S1'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
- LOD -> Denotes Limits of Disturbance

Drainage Legend

- 1 -> Denotes UD-1 Req'd.
- 2 -> Denotes UD-2 Req'd.
- 3 -> Denotes UD-3 Req'd.
- 4 -> Denotes UD-4 Req'd.
- 7 -> Denotes Pipe/Structure to be Removed

Pavement Legend

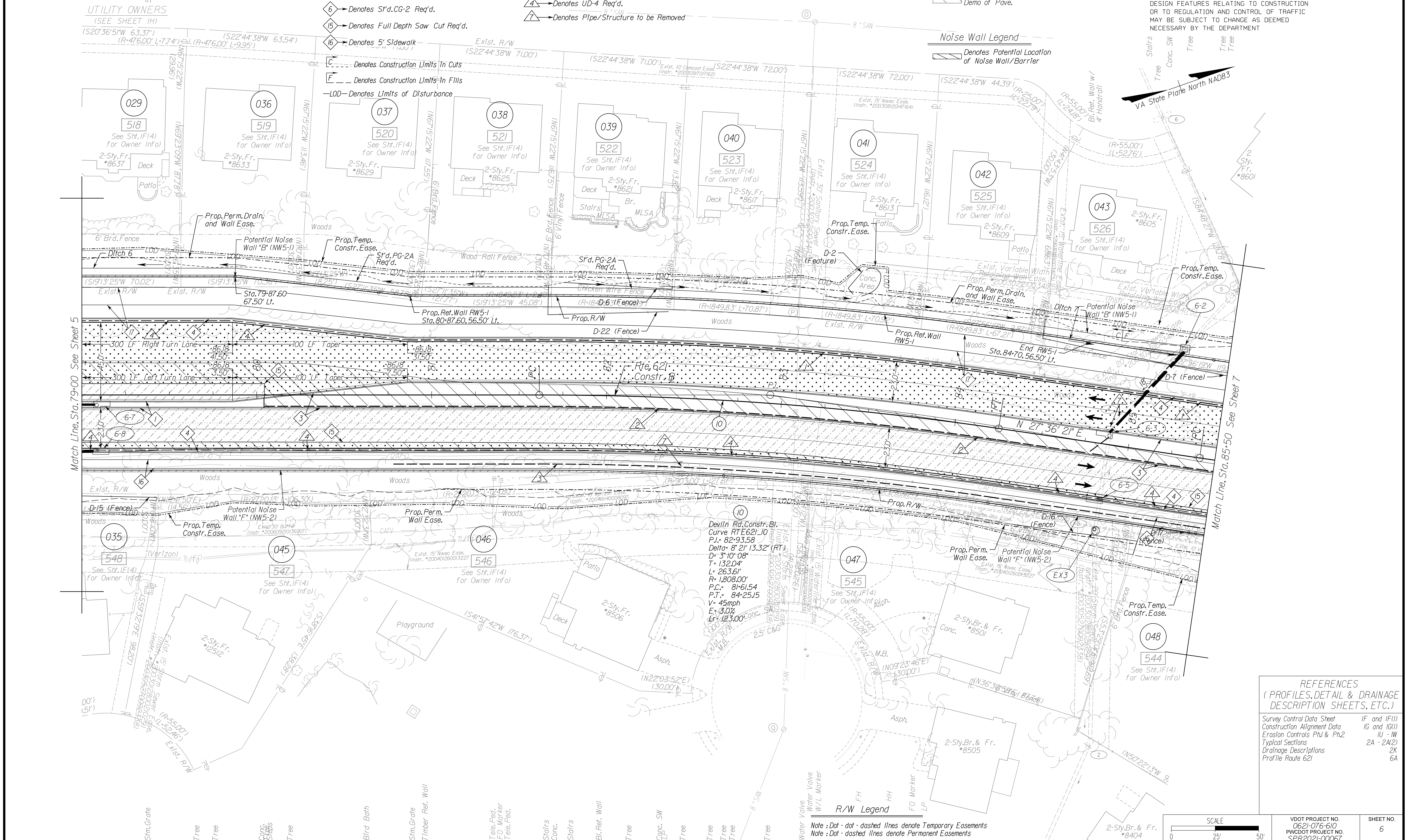
- Denotes Limits of Full Depth Pave.
- Denotes Limits of Mill and Overlay
- Denotes Limits of Demo of Pave.

Noise Wall Legend

- Denotes Potential Location of Noise Wall/Barrier

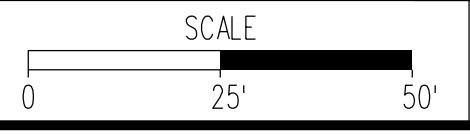
REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	6

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



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

Survey Control Data Sheet	IF and IF(1)
Construction Alignment Data	IG and IG(1)
Erosion Controls Ph1 & Ph2	IU - IW
Typical Sections	2A - 2A(2)
Drainage Descriptions	2K
Profile Route 621	6A



VDOT PROJECT NO.	0621-076-610	SHEET NO.	6
PWC DOT PROJECT NO.	SPR2021-00067		

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.

PH PLANS

NOVA DISTRICT

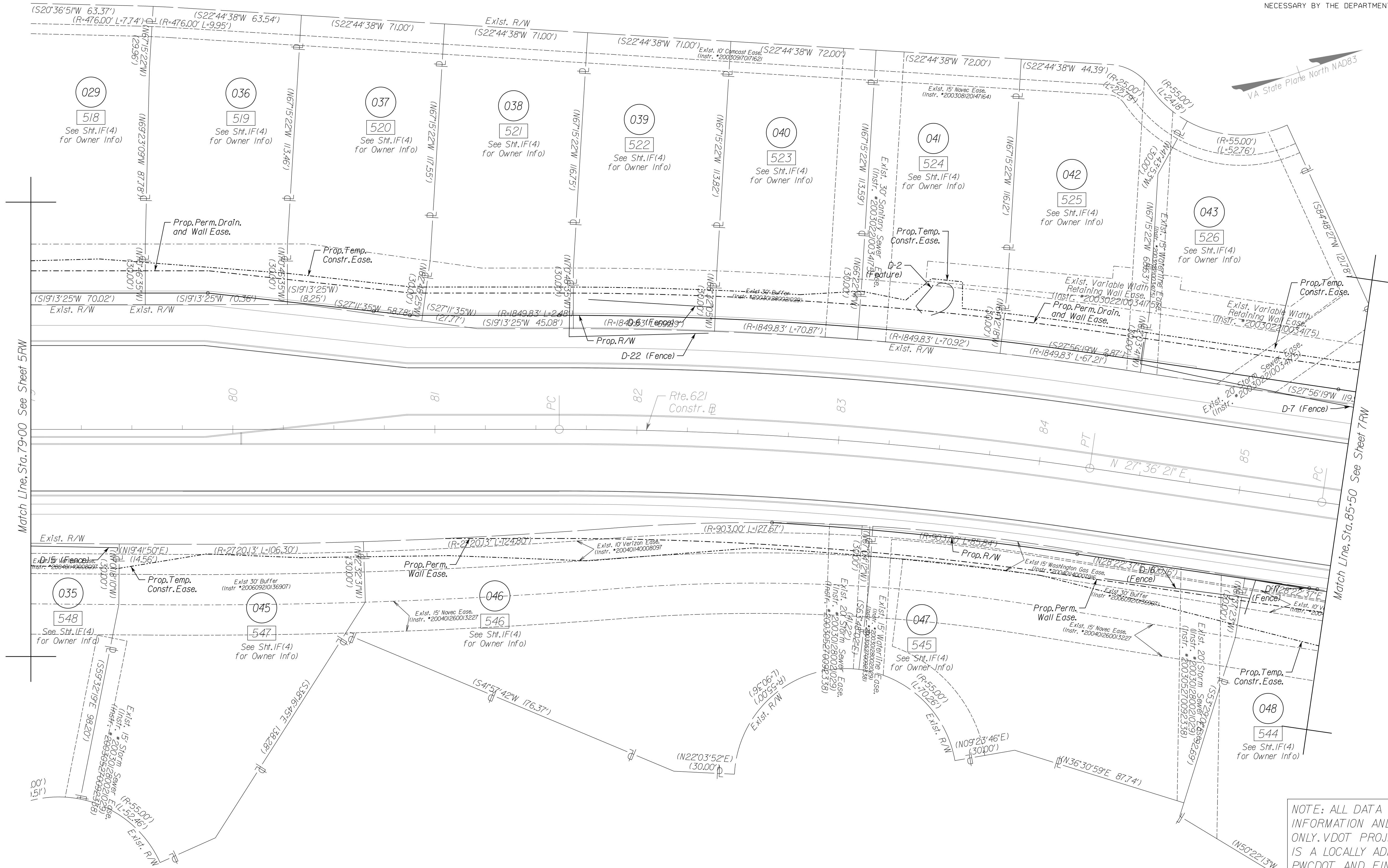
12/8/2021

PROJECT MANAGER_PWCDDOT:Khattab,Shanmouh,P.F.(703)792-7193
 SURVEYED BY, DATE_RDA:Nicholas,Kougoulis,LS.(703)334-9302;September 2018
 DESIGN BY RDA: Mack, A.Gunn,P.E.(703)334-9288
 SUBSURFACE UTILITY BY, DATE_Accurmark:(703)378-0100;March,2021

Prop. R/W and Survey Boundary Info.

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 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

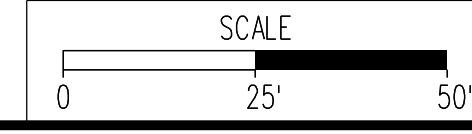


REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Right of Way Data Sheet	IC
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 PWCDDOT 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



VDOT PROJECT NO. 0621-076-310 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 6RW
--	------------------

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

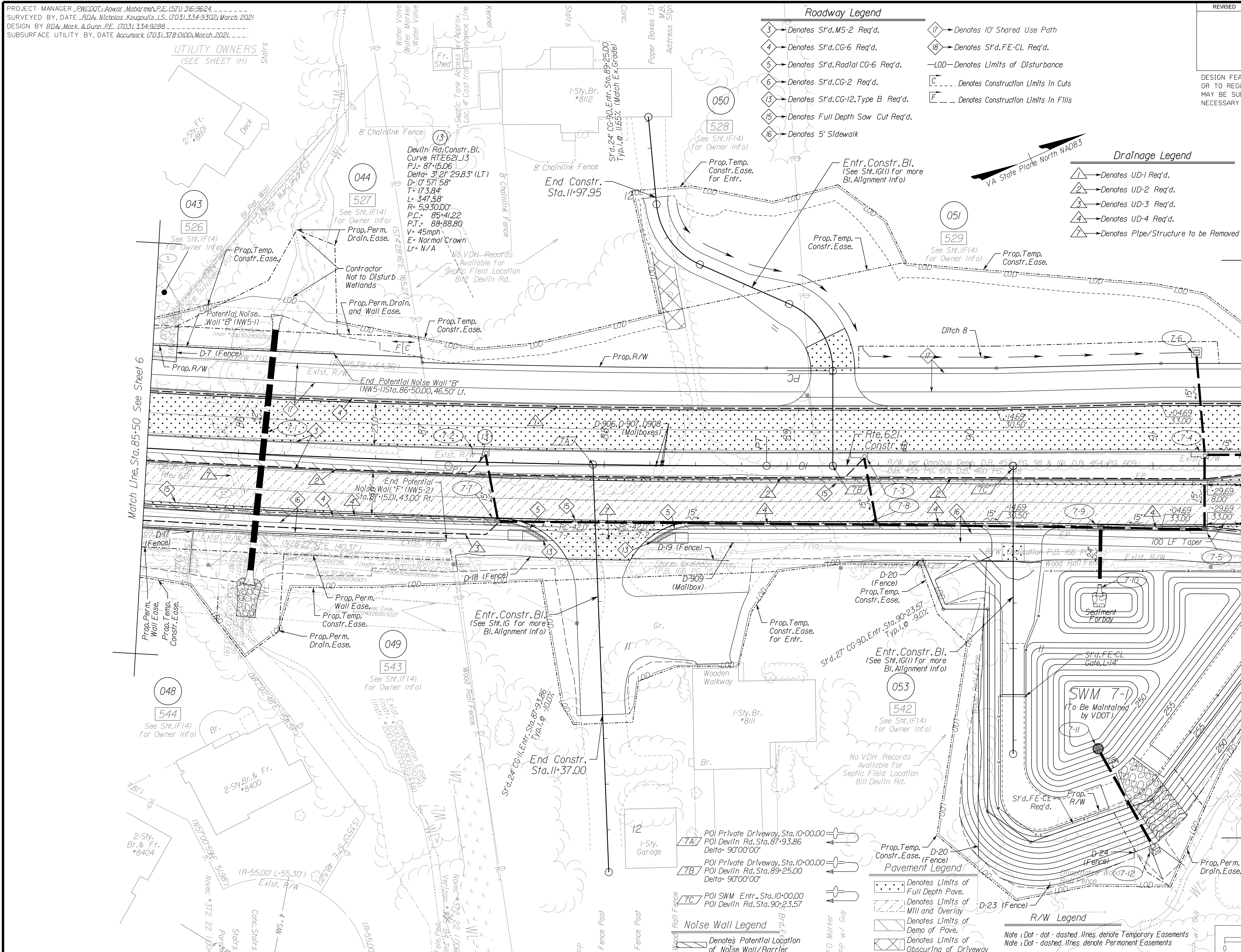
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PH PLANS

NOVA DISTRICT

PROJECT MANAGER: PNWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
 SURVEYED BY, DATE: RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
 DESIGN BY: RDA: Mack_A Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-9100; March, 2021

UTILITY OWNERS
(SEE SHEET 1H)

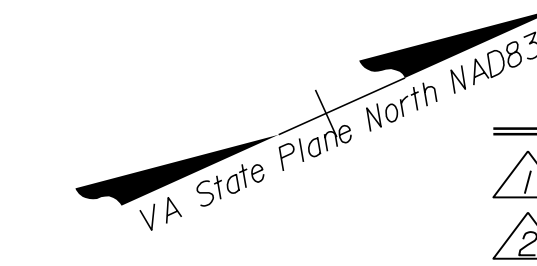


Roadway Legend

- 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.
- 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
- 18 - Denotes St'd. FE-CL Req'd.
- LOD- Denotes Limits of Disturbance
- C --- Denotes Construction Limits in Cuts
- F --- Denotes Construction Limits in Fills

Drainage Legend

- 1 - Denotes UD-1 Req'd.
- 2 - Denotes UD-2 Req'd.
- 3 - Denotes UD-3 Req'd.
- 4 - Denotes UD-4 Req'd.
- 7 - Denotes Pipe/Structure to be Removed



REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 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

Match Line, Sta. 85+50 See Sheet 6

Match Line, Sta. 91+50 See Sheet 8

NOVA DISTRICT

12/8/2021

- TA - POI Private Driveway, Sta. 10+00.00
- TB - POI DevIn Rd. Sta. 87+93.86
- TC - POI Private Driveway, Sta. 10+00.00
- TD - POI DevIn Rd. Sta. 89+25.00
- TE - POI SWM Entr., Sta. 10+00.00
- TF - POI DevIn Rd. Sta. 90+23.57

Noise Wall Legend

- Denotes Potential Location of Noise Wall/Barrier

Pavement Legend

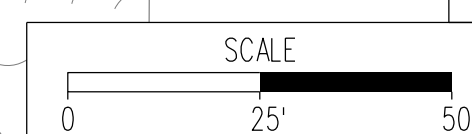
- Denotes Limits of Full Depth Pave.
- Denotes Limits of Mill and Overlay
- Denotes Limits of Demo of Pave.
- Denotes Limits of Obscuring of Driveway

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	IF and IF(1)
Construction Alignment Data	IG and IG(1)
Erosion Controls Ph1 & Ph2	IU - IW
Typical Sections	2A - 2A(2)
Drainage Descriptions	2K
Profile Route 621	7A
Profile Entr. and Conn.	7B



VDOT PROJECT NO.	0621-076-610	SHEET NO.	7
PNWCDOT PROJECT NO.	SPR2021-00067		

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.

PH PLANS

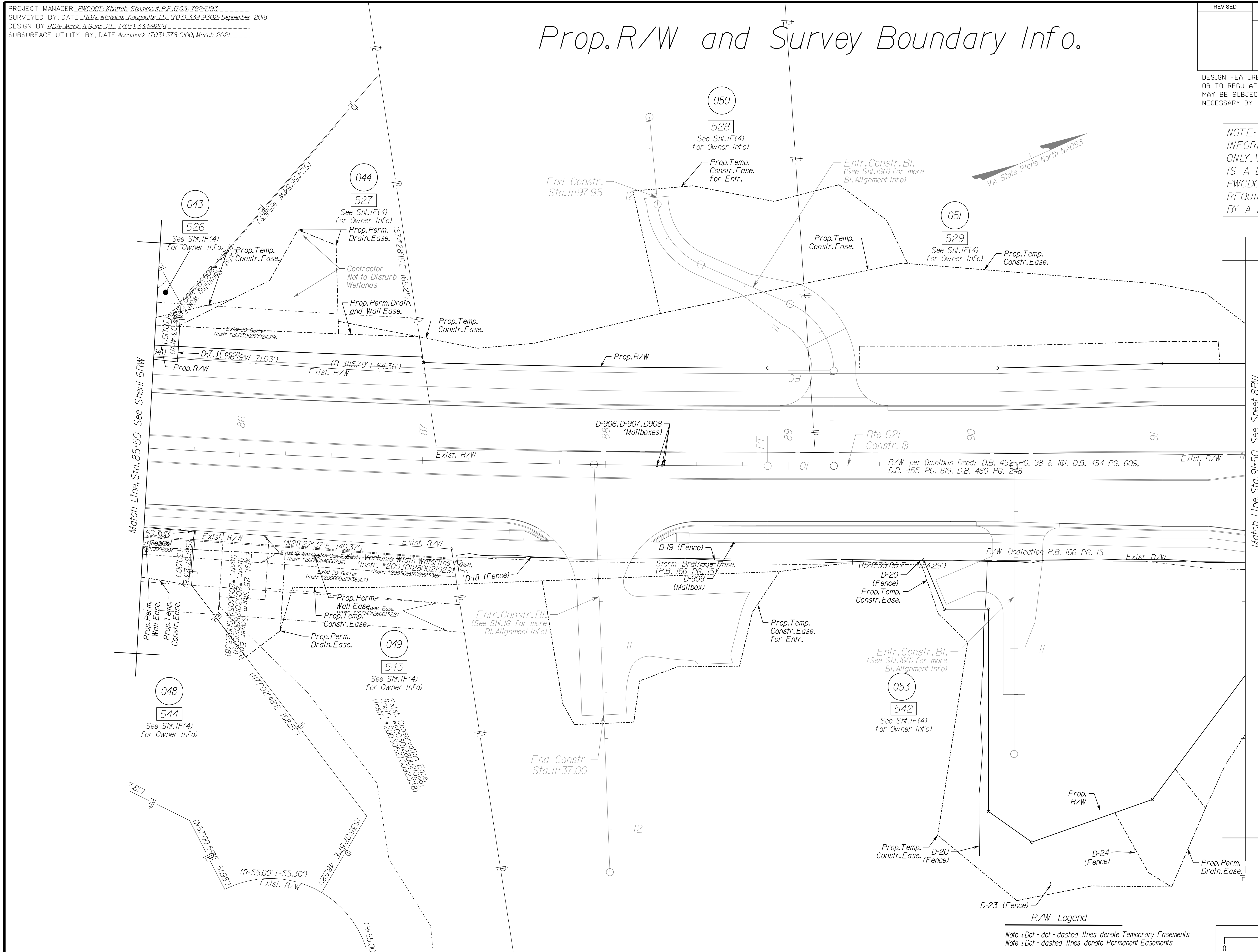
PROJECT MANAGER_PWC DOT: Khatib, Shanmou, P.E. (703) 792-7193
SURVEYED BY, DATE_RDA: Nicholas Kouyoultis, L.S. (703) 334-9302; September 2018
DESIGN BY_RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

Prop. R/W and Survey Boundary Info.

REVISED	STATE		VDOT PROJECT NO.	SHEET NO.
	STATE	ROUTE		
	VA.	621	0621-076-610 PE101 CS01 RW201	7RW

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

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 DOT AND FINAL ACQUISITION PLATS ARE REQUIRED AND SHALL BE PROVIDED BY A PROFESSIONAL SURVEYOR.



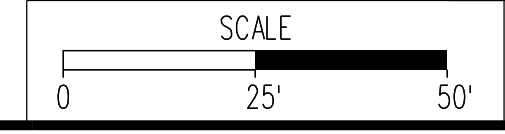
NOVA DISTRICT

12/8/2021

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

Right of Way Data Sheet IC
Plan Sheet 7

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



VDOT PROJECT NO. 0621-076-310
PWC DOT PROJECT NO. SPR2021-00067
SHEET NO. 7RW

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

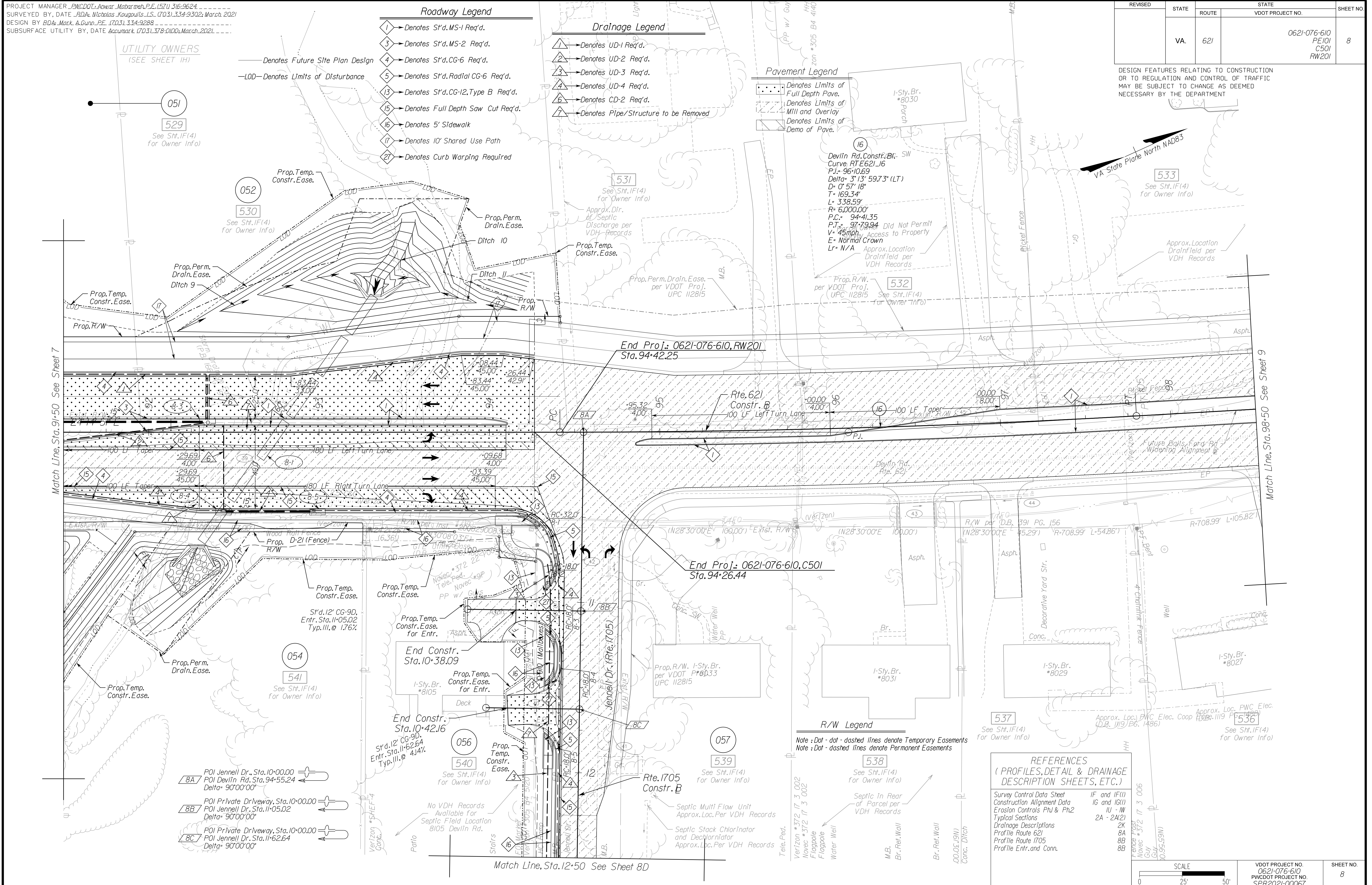
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PH PLANS

PROJECT MANAGER: PWC DOT: Aowar_Mohamed, P.E. (571) 316-9624
 SURVEYED BY, DATE: RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
 DESIGN BY: RDA: Mack_A Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March, 2021

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

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



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

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PH PLANS

NOVA DISTRICT

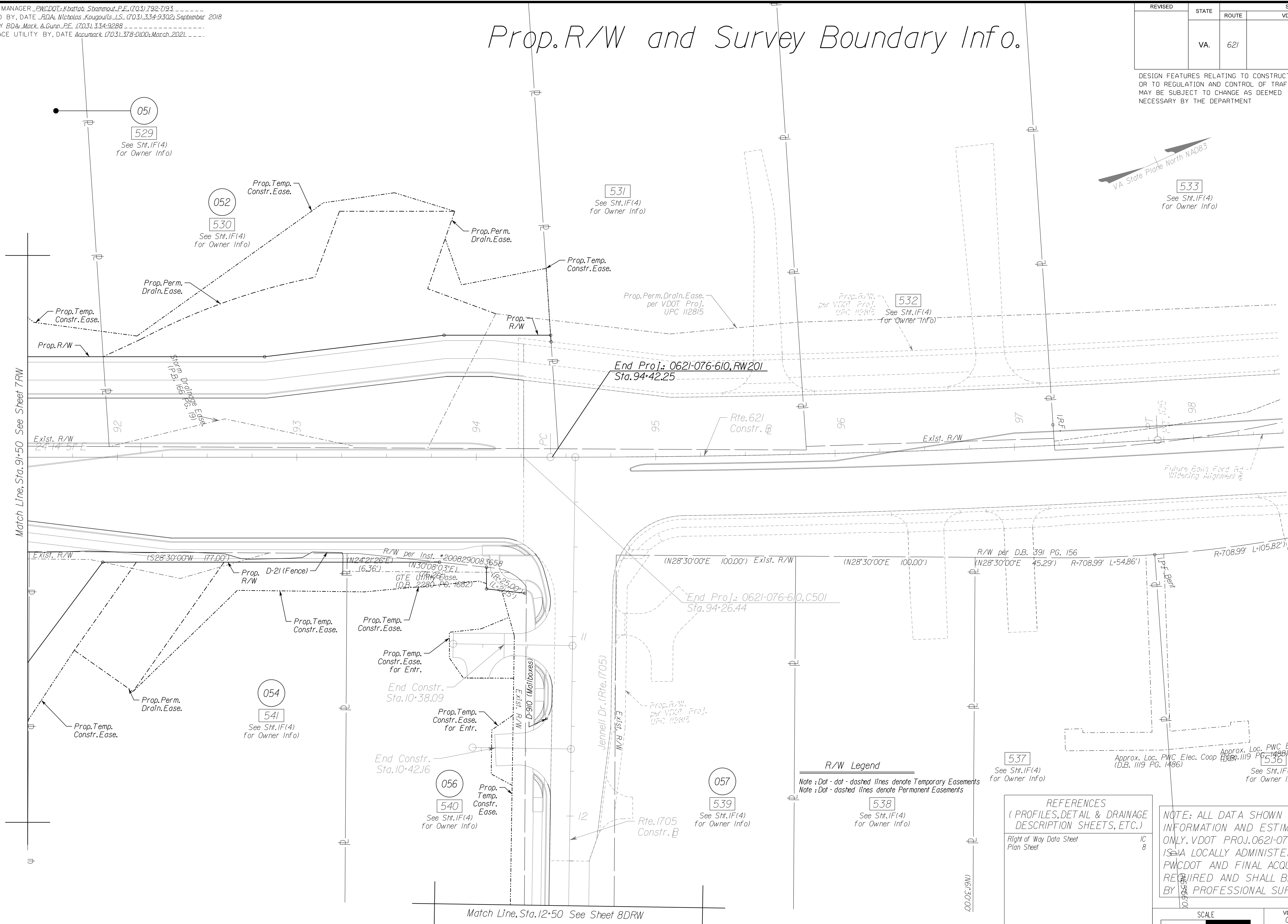
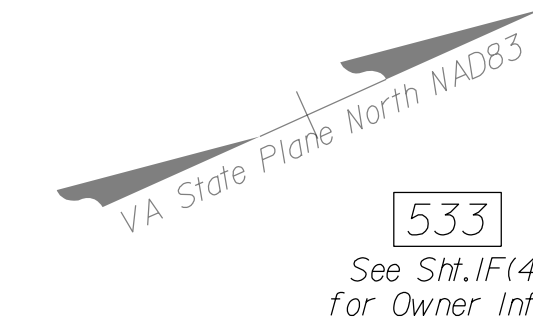
12/8/2021

PROJECT MANAGER: PWC DOT: Khatib, Shanmou, P.E. (703) 792-7193
SURVEYED BY, DATE: RDA: Nicholas Kougoulis, L.S. (703) 334-9302; September 2018
DESIGN BY: RDA: Mack, Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100; March 2021

Prop. R/W and Survey Boundary Info.

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

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

12/8/2021

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

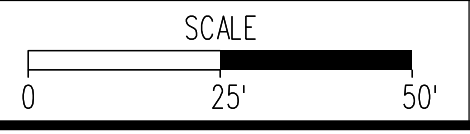
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PH PLANS

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)
Right of Way Data Sheet IC 8
Plan Sheet

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 DOT AND FINAL ACQUISITION PLATS ARE REQUIRED AND SHALL BE PROVIDED BY A PROFESSIONAL SURVEYOR.

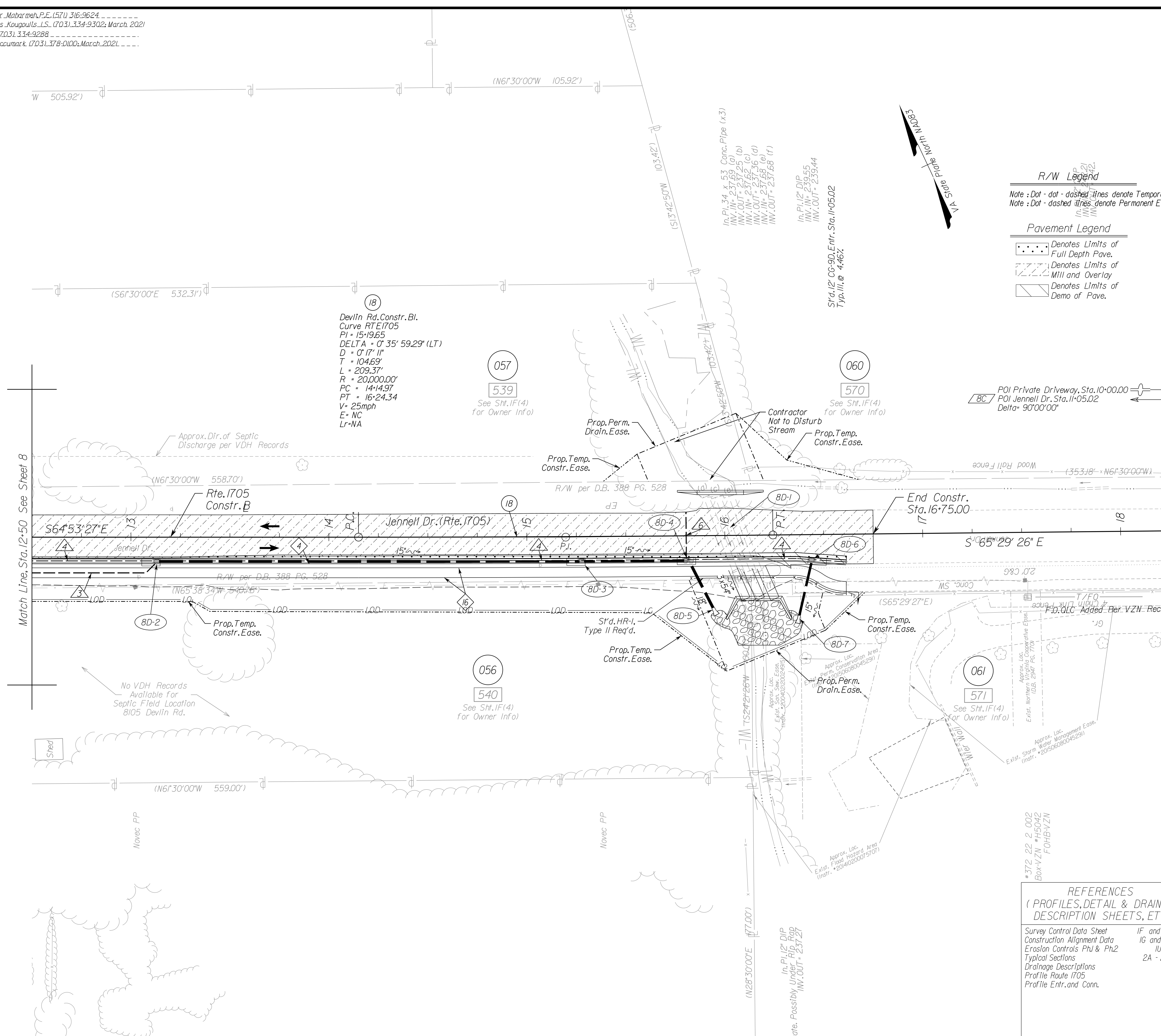
VDOT PROJECT NO. 0621-076-310 PWC DOT PROJECT NO. SPR2021-00067	SHEET NO. 8RW
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PROJECT MANAGER_PWCDDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accumark (703) 378-0100; March, 2021

REVISED	STATE		STATE	SHEET NO.
	ROUTE	VDOT PROJECT NO.		
	VA.	621	0621-076-610 PE101 CS01 RW201	8D

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



- R/W Legend**
 Note: Dot-dot-dashed lines denote Temporary Easements
 Note: Dot-dashed lines denote Permanent Easements
- Pavement Legend**
 [Symbol] Denotes Limits of Full Depth Pave.
 [Symbol] Denotes Limits of Mill and Overlay
 [Symbol] Denotes Limits of Demo of Pave.

- Roadway Legend**
- [Symbol] Denotes St'd. MS-1 Req'd.
 - [Symbol] Denotes St'd. MS-2 Req'd.
 - [Symbol] Denotes St'd. CG-6 Req'd.
 - [Symbol] Denotes St'd. Radial CG-6 Req'd.
 - [Symbol] Denotes St'd. CG-12, Type B Req'd.
 - [Symbol] Denotes Full Depth Saw Cut Req'd.
 - [Symbol] Denotes 5' Sidewalk
 - [Symbol] Denotes 10' Shared Use Path
 - [Symbol] Denotes Future Site Plan Design
 - [Symbol] Denotes Limits of Disturbance
 - [Symbol] Denotes Construction Limits in Cuts
 - [Symbol] Denotes Construction Limits in Fills

- Drainage Legend**
- [Symbol] Denotes UD-3 Req'd.
 - [Symbol] Denotes UD-4 Req'd.
 - [Symbol] Denotes CD-2 Req'd.
 - [Symbol] Denotes Pipe/Structure to be Removed

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

Survey Control Data Sheet	IF and IF(1)
Construction Alignment Data	IG and IG(1)
Erosion Controls Ph1 & Ph2	IU - IW
Typical Sections	2A - 2A(2)
Drainage Descriptions	2K
Profile Route 1705	8D
Profile Entr. and Conn.	8D

SCALE 0 25' 50'

VDOT PROJECT NO. 0621-076-610 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 8D
--	-----------------

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PH PLANS

NOVA DISTRICT

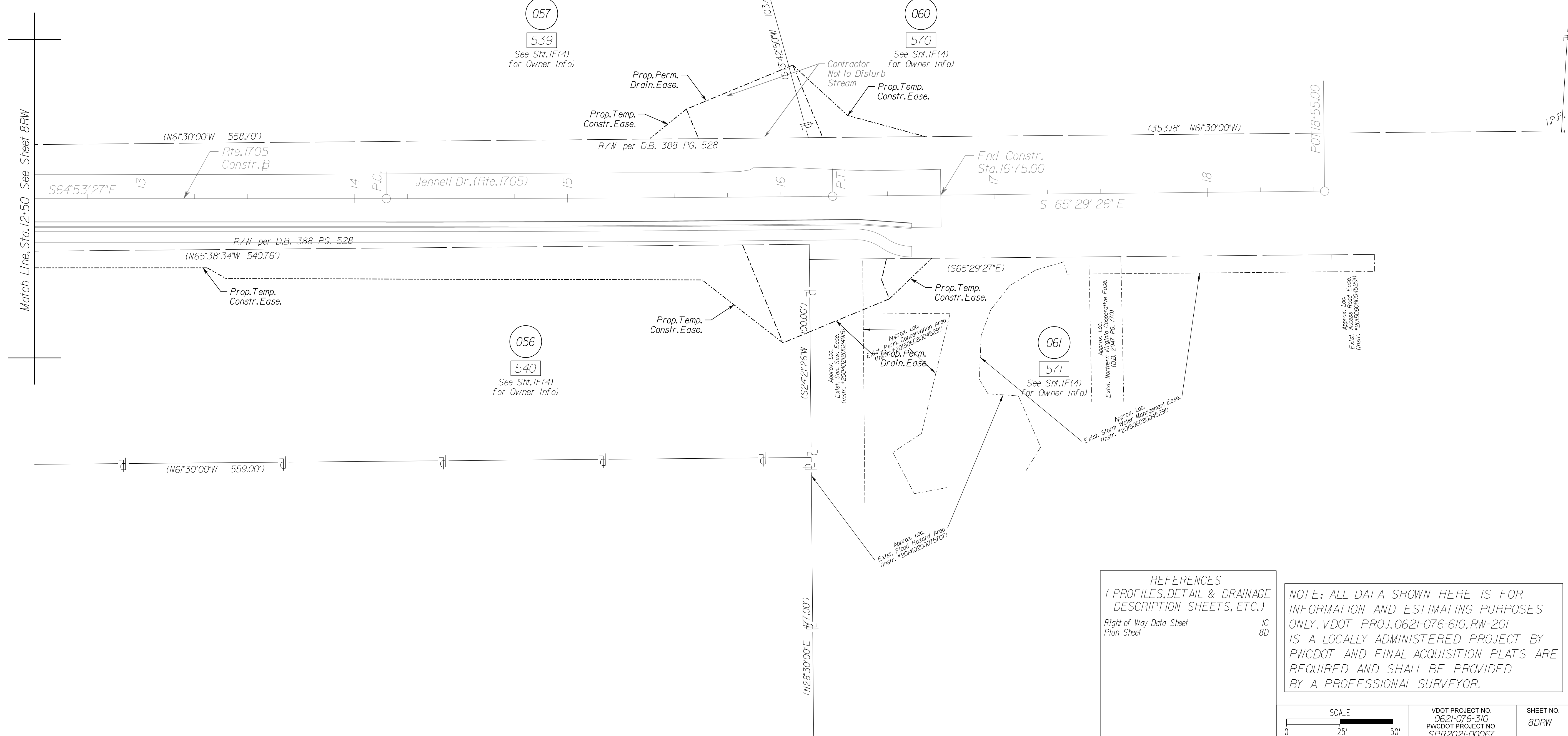
12/8/2021

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

Prop. R/W and Survey Boundary Info.

REVISED	STATE		VDOT PROJECT NO.	SHEET NO.
	STATE	ROUTE		
	VA.	621	0621-076-610 PE101 CS01 RW201	8DRW

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



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

Match Line, Sta. 12+50 See Sheet 8RW

NOVA DISTRICT

057
539
See Sh. IF(4) for Owner Info

060
570
See Sh. IF(4) for Owner Info

056
540
See Sh. IF(4) for Owner Info

061
571
See Sh. IF(4) for Owner Info

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

Right of Way Data Sheet	IC 8D
Plan Sheet	

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SCALE 0 25' 50'	VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 8DRW
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

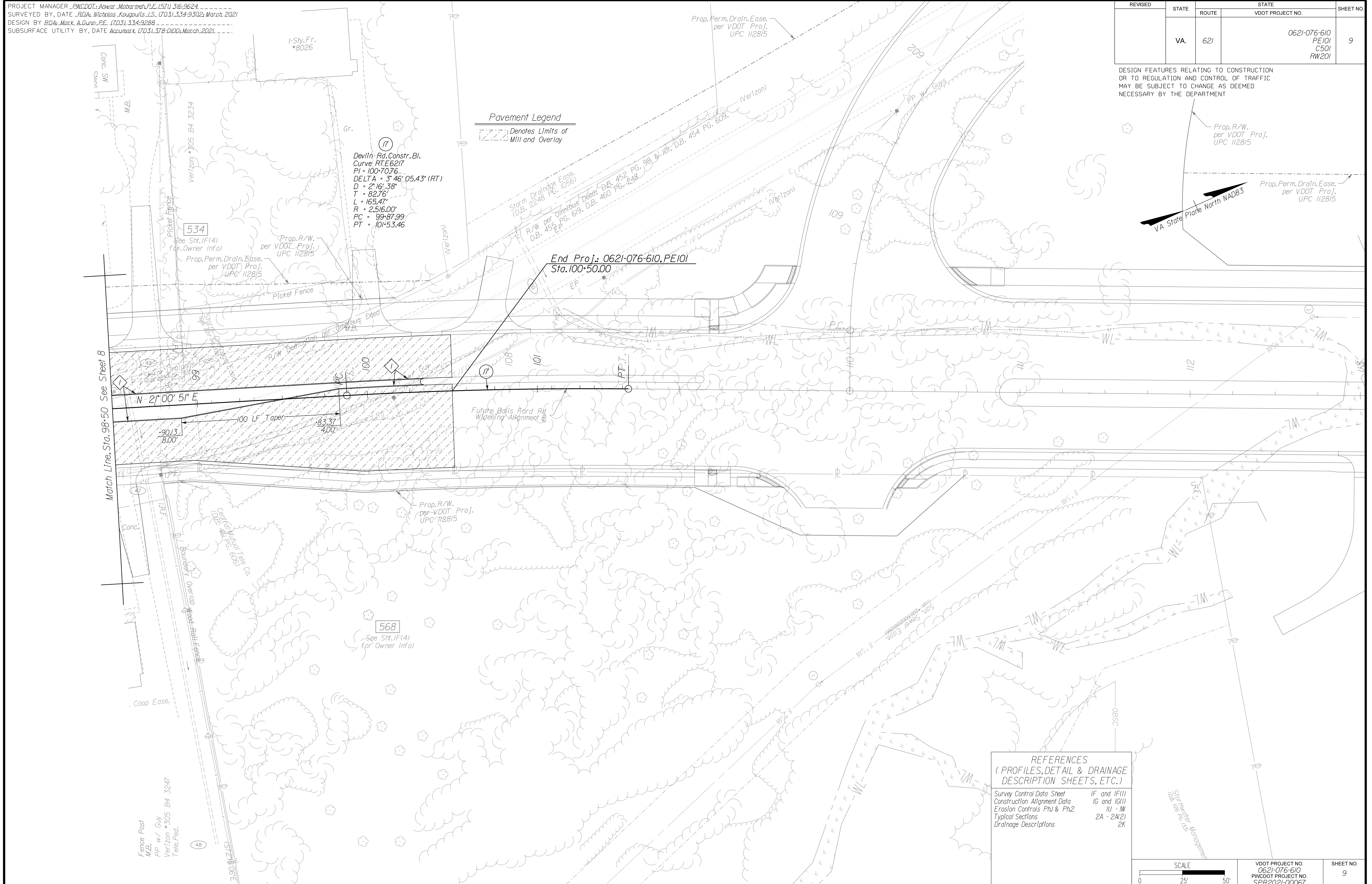
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PH PLANS

PROJECT MANAGER_PWCDDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accumark: (703) 378-0100; March 2021

REVISED	STATE		SHEET NO.
	ROUTE	VDOT PROJECT NO.	
	VA.	621 0621-076-610 PE101 CS01 RW201	9

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



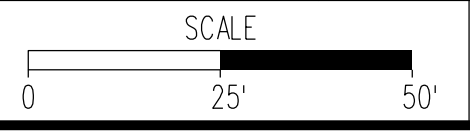
Pavement Legend
 --- Denotes Limits of Mill and Overlay

Devlin Rd. Constr. Bl.
 Curve RTE 6217
 PI = 100+70.76
 DELTA = 3° 46' 05.43" (RT)
 D = 2' 16' 38"
 T = 82.76'
 L = 165.47'
 R = 2516.00'
 PC = 99+87.99
 PT = 101+53.46

End Proj: 0621-076-610, PE101
 Sta. 100+50.00

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

Survey Control Data Sheet	1F and 1F(1)
Construction Alignment Data	1G and 1G(1)
Erosion Controls Ph1 & Ph2	1U - 1W
Typical Sections	2A - 2A(2)
Drainage Descriptions	2K



VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 9
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

NOVA DISTRICT

12/8/2021

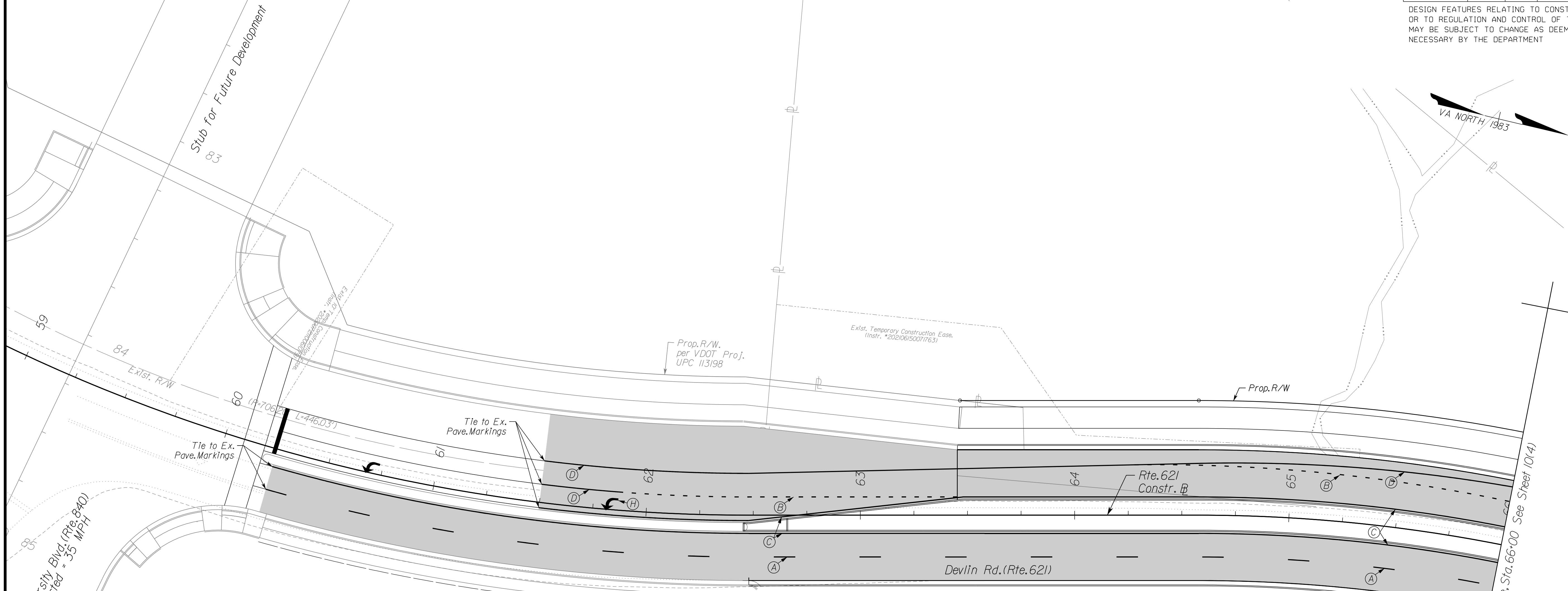
PROJECT MANAGER PWCDOT: Awwar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_A_Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

UTILITY OWNERS
(SEE SHEET 1H)

Pavement Marking Plan

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	10(3)

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



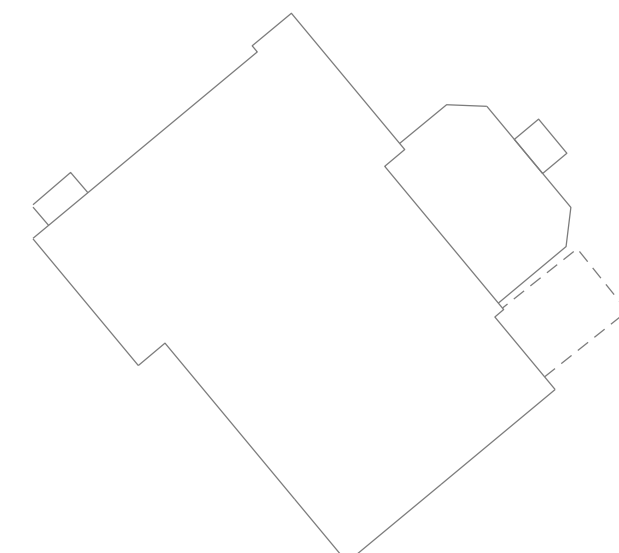
Pavement Marking General Notes

- All proposed pavement markings shall be in accordance with the most current edition of each of the following and any revision thereof:
 - A. Manual on Uniform Traffic Control Devices (MUTCD)
 - B. The Virginia Supplement to the Manual on Uniform Traffic Control Devices
 - C. The Virginia Department of Transportation Road and Bridge Specifications
 - D. The Virginia Department of Transportation Road and Bridge Standards
 - E. The Northern Region Operations Traffic Engineering Standard Practice No. 301J
- Any existing pavement markings which will conflict with the proposed pavement markings as shown, shall be completely eradicated.
- Limits shown on proposed pavement markings are approximate and shall be modified in the field to ensure that proposed pavement markings continue until existing pavement markings can be matched.
- Any changes to the Pavement Marking plans as shown, shall be approved by the VDOT Traffic Engineer.
- Per Virginia Supplement to the 2009 Manual on Uniform Traffic Devices, Table 3B-V.3, snowplowable raised pavement markers (SRPMs) are not required for this project. The Contractor shall not be permitted to reduce pavement marking Class/Type.
- The cost of eradicating existing pavement markings, which conflict with the proposed pavement markings, shall be considered incidental to the project and shall not be paid for as a separate item.
- The Contractor shall coordinate well in advance of actual installation of pavement markings to ensure materials are available. Any delays to the project schedule due to lack of materials related to pavement markings shall be the sole responsibility of the Contractor.
- The Contractor shall coordinate with the adjoining project (VDOT Project No. 6234-076-266) and County Construction Manager for final pavement markings.

Pavement Marking Legend

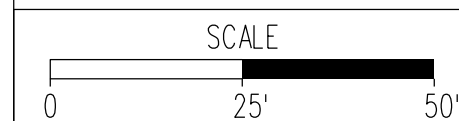
- (A) Type B, Class I, White, 4" Width, 10' Long, 30' Space
- (B) Type B, Class I, White, 4" Width, 2' Long, 6' Space
- (C) Type B, Class I, Yellow, 4" Width
- (D) Type B, Class I, White, 4" Width
- (E) Type B, Class I, White, 24" Width
- (F) Type B, Class I, White, 6" Width
- (G) Type B, Class I, Yellow, 4" Width, Double Line, 4" Space
- (H) Type B, Class I, White, Turn Lane Use Arrow
- (I) Type B, Class I, White, DBL Turn Lane Use Arrow
- (J) Type B, Class I, White, 24" Width, @ 45', @ 20' Spacing
- (K) Type B, Class I, Yellow, 24" Width, @ 45', @ 20' Spacing

NOTE: Eradication of any existing condition that does not reflect the pavement marking plan as shown on this sheet, shall be completely eradicated per VDOT Standards. The cost shall be incidental to the project and not paid for as a separate item.



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

Plan Signing Plan 3 (11/3)



VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 10(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.

PH PLANS

NOVA DISTRICT

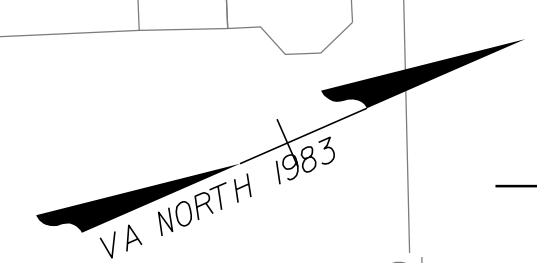
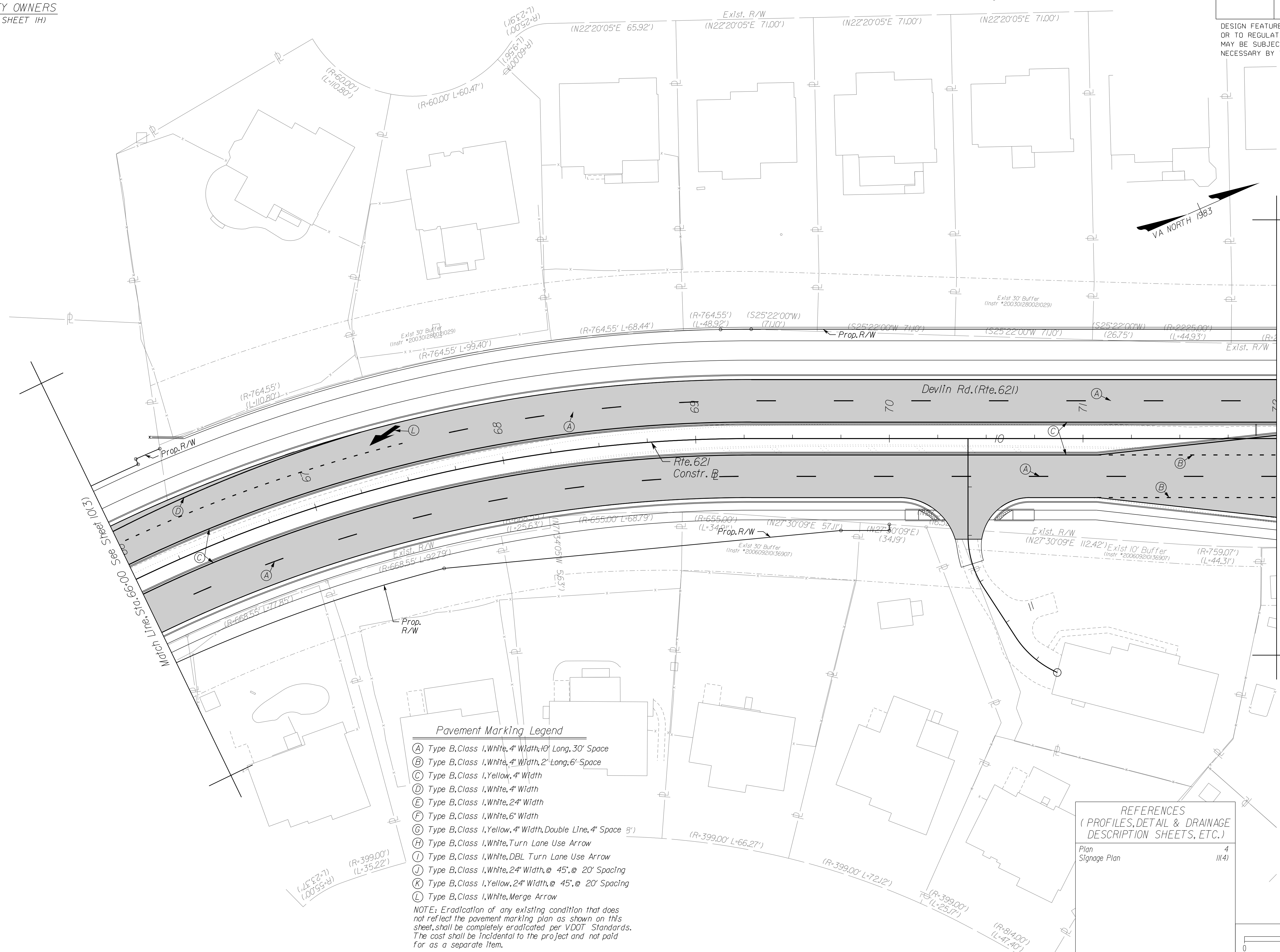
PROJECT MANAGER PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March, 2021

Pavement Marking Plan

REVISED	STATE	STATE		SHEET NO.
		ROUTE	VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 RW201	10(4)

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)

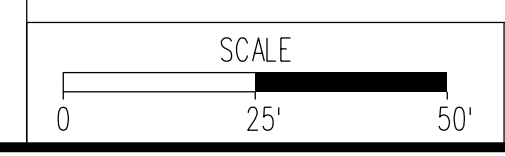


- Pavement Marking Legend**
- (A) Type B, Class 1, White, 4" Width, 10' Long, 30' Space
 - (B) Type B, Class 1, White, 4" Width, 2' Long, 6' Space
 - (C) Type B, Class 1, Yellow, 4" Width
 - (D) Type B, Class 1, White, 4" Width
 - (E) Type B, Class 1, White, 24" Width
 - (F) Type B, Class 1, White, 6" Width
 - (G) Type B, Class 1, Yellow, 4" Width, Double Line, 4" Space 3'
 - (H) Type B, Class 1, White, Turn Lane Use Arrow
 - (I) Type B, Class 1, White, DBL Turn Lane Use Arrow
 - (J) Type B, Class 1, White, 24" Width, @ 45', @ 20' Spacing
 - (K) Type B, Class 1, Yellow, 24" Width, @ 45', @ 20' Spacing
 - (L) Type B, Class 1, White, Merge Arrow

NOTE: Eradication of any existing condition that does not reflect the pavement marking plan as shown on this sheet, shall be completely eradicated per VDOT Standards. The cost shall be incidental to the project and not paid for as a separate item.

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

Plan	4
Signage Plan	11(4)



VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 10(4)
---	--------------------

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

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PH PLANS

NOVA DISTRICT

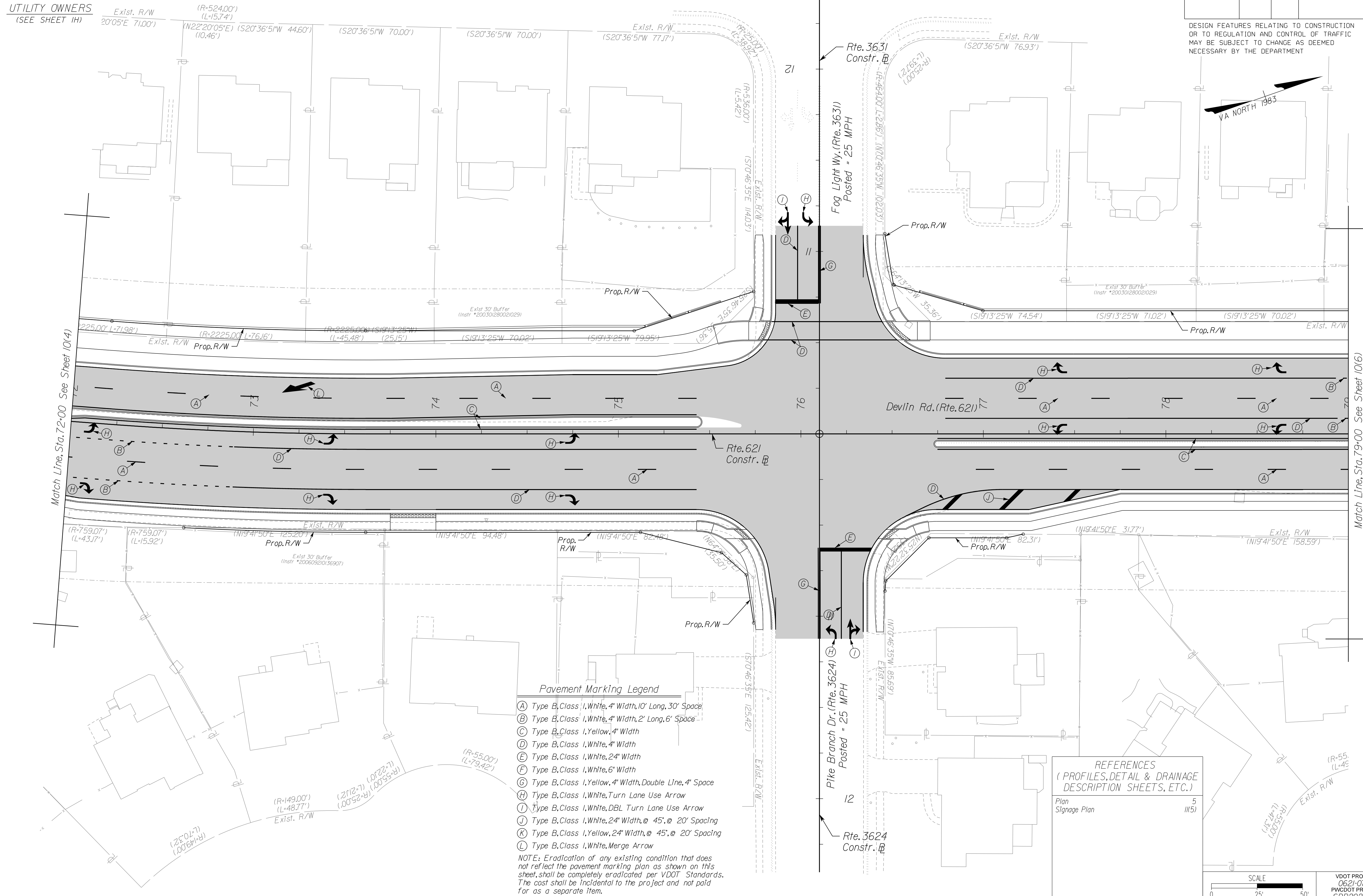
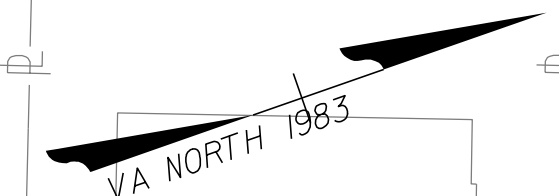
12/8/2021

PROJECT MANAGER_PWCDDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoullis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accumark (703) 378-0100; March, 2021

Pavement Marking Plan

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	10(5)

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



Pavement Marking Legend

- (A) Type B, Class I, White, 4" Width, 10' Long, 30' Space
- (B) Type B, Class I, White, 4" Width, 2' Long, 6' Space
- (C) Type B, Class I, Yellow, 4" Width
- (D) Type B, Class I, White, 4" Width
- (E) Type B, Class I, White, 24" Width
- (F) Type B, Class I, White, 6" Width
- (G) Type B, Class I, Yellow, 4" Width, Double Line, 4" Space
- (H) Type B, Class I, White, Turn Lane Use Arrow
- (I) Type B, Class I, White, DBL Turn Lane Use Arrow
- (J) Type B, Class I, White, 24" Width, @ 45', @ 20' Spacing
- (K) Type B, Class I, Yellow, 24" Width, @ 45', @ 20' Spacing
- (L) Type B, Class I, White, Merge Arrow

NOTE: Eradication of any existing condition that does not reflect the pavement marking plan as shown on this sheet, shall be completely eradicated per VDOT Standards. The cost shall be incidental to the project and not paid for as a separate item.

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

Plan	5
Signage Plan	11(5)

SCALE: 0 25' 50'

VDOT PROJECT NO.	0621-076-610	SHEET NO.	10(5)
PWCDDOT PROJECT NO.	SPR2021-00067		

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

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PH PLANS

NOVA DISTRICT

12/8/2021

PROJECT MANAGER PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March, 2021

Pavement Marking Plan

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	1016

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)



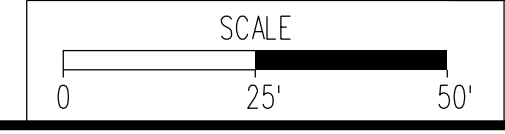
Match Line, Sta. 79+00 See Sheet 1015

Match Line, Sta. 85+50 See Sheet 1017

- Pavement Marking Legend**
- (A) Type B, Class I, White, 4" Width, 10' Long, 30' Space
 - (B) Type B, Class I, White, 4" Width, 2' Long, 6' Space
 - (C) Type B, Class I, Yellow, 4" Width
 - (D) Type B, Class I, White, 4" Width
 - (E) Type B, Class I, White, 24" Width
 - (F) Type B, Class I, White, 6" Width
 - (G) Type B, Class I, Yellow, 4" Width, Double Line, 4" Space
 - (H) Type B, Class I, White, Turn Lane Use Arrow
 - (I) Type B, Class I, White, DBL Turn Lane Use Arrow
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- NOTE: Eradication of any existing condition that does not reflect the pavement marking plan as shown on this sheet, shall be completely eradicated per VDOT Standards. The cost shall be incidental to the project and not paid for as a separate item.

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

Plan	6
Signage Plan	1116



VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 1016
---	-------------------

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

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PH PLANS

NOVA DISTRICT

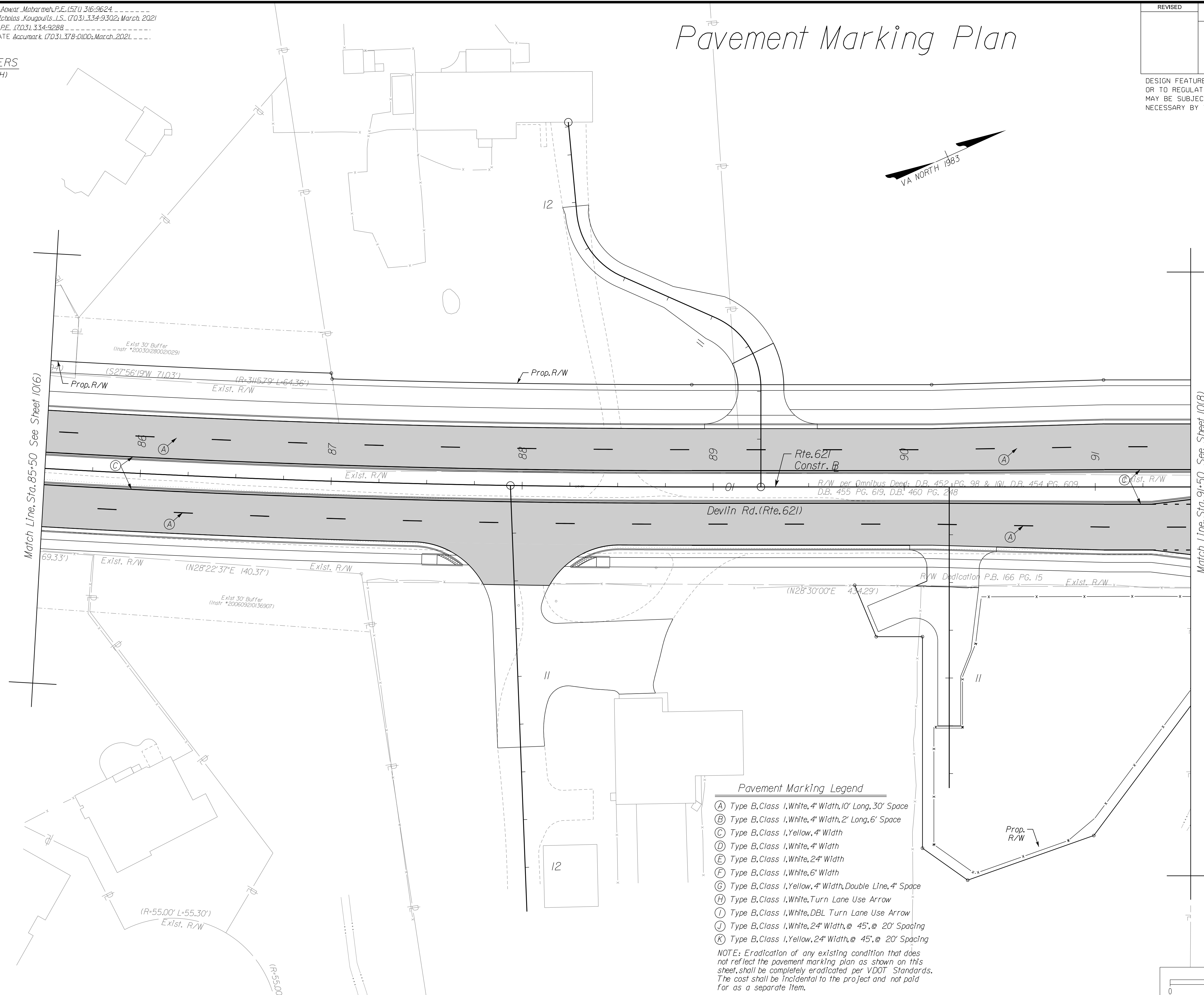
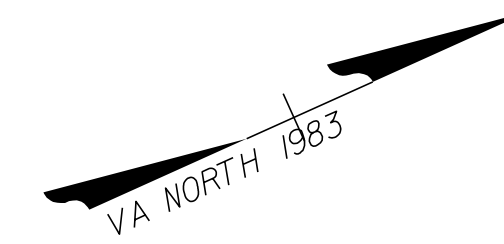
PROJECT MANAGER PWCDOT: Aowar, Motarneh, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas Kouyoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

UTILITY OWNERS
(SEE SHEET 1H)

Pavement Marking Plan

REVISED	STATE		STATE	SHEET NO.
	ROUTE	VDOT PROJECT NO.		
	VA.	621	0621-076-610 PE101 CS01 RW201	10(7)

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



- Pavement Marking Legend**
- (A) Type B, Class 1, White, 4" Width, 10' Long, 30' Space
 - (B) Type B, Class 1, White, 4" Width, 2' Long, 6' Space
 - (C) Type B, Class 1, Yellow, 4" Width
 - (D) Type B, Class 1, White, 4" Width
 - (E) Type B, Class 1, White, 24" Width
 - (F) Type B, Class 1, White, 6" Width
 - (G) Type B, Class 1, Yellow, 4" Width, Double Line, 4" Space
 - (H) Type B, Class 1, White, Turn Lane Use Arrow
 - (I) Type B, Class 1, White, DBL Turn Lane Use Arrow
 - (J) Type B, Class 1, White, 24" Width, @ 45°, @ 20' Spacing
 - (K) Type B, Class 1, Yellow, 24" Width, @ 45°, @ 20' Spacing
- NOTE: Eradication of any existing condition that does not reflect the pavement marking plan as shown on this sheet, shall be completely eradicated per VDOT Standards. The cost shall be incidental to the project and not paid for as a separate item.

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

Plan	7
Signage Plan	10(7)

SCALE 0 25' 50'	VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 10(7)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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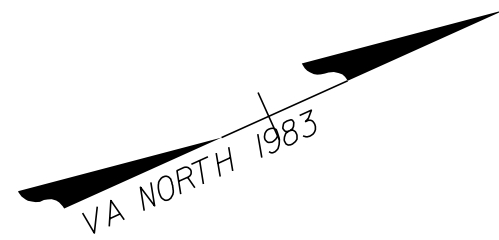
PH PLANS

NOVA DISTRICT

12/8/2021

PROJECT MANAGER_PWCDDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoullis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

UTILITY OWNERS
(SEE SHEET 1H)



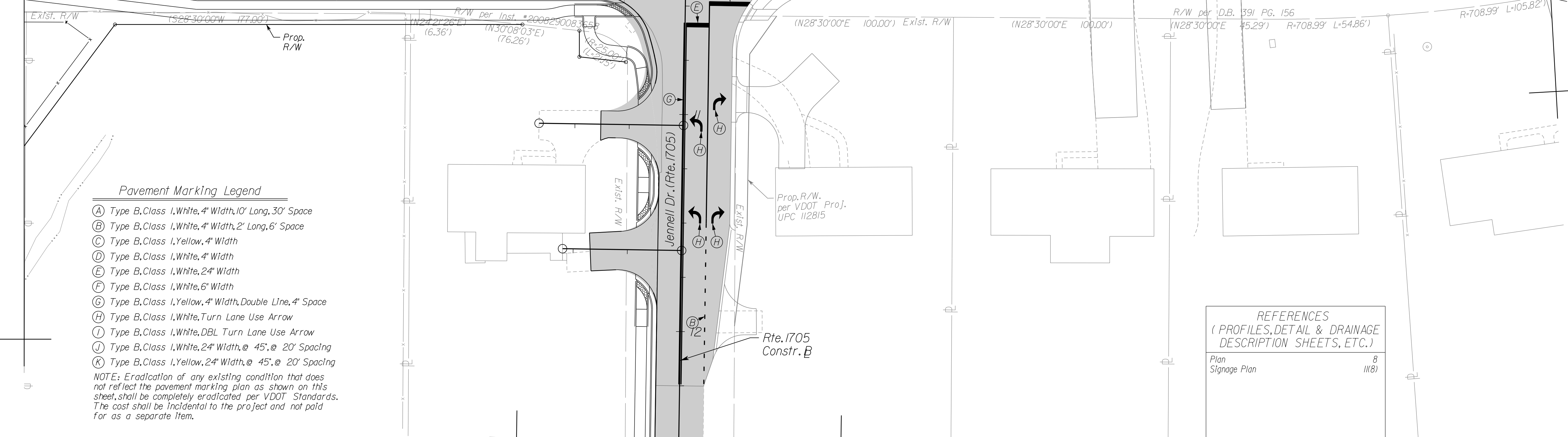
Pavement Marking Plan

REVISED	STATE		STATE		SHEET NO.
	STATE	ROUTE	VDOT PROJECT NO.		
	VA.	621	0621-076-610 PE101 CS01 RW201		10(8)

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

Match Line, Sta. 91+50 See Sheet 10(7)

Match Line, Sta. 98+50 See Sheet 10(9)



- Pavement Marking Legend**
- (A) Type B, Class I, White, 4" Width, 10' Long, 30' Space
 - (B) Type B, Class I, White, 4" Width, 2' Long, 6' Space
 - (C) Type B, Class I, Yellow, 4" Width
 - (D) Type B, Class I, White, 4" Width
 - (E) Type B, Class I, White, 24" Width
 - (F) Type B, Class I, White, 6" Width
 - (G) Type B, Class I, Yellow, 4" Width, Double Line, 4" Space
 - (H) Type B, Class I, White, Turn Lane Use Arrow
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 - (J) Type B, Class I, White, 24" Width, @ 45', @ 20' Spacing
 - (K) Type B, Class I, Yellow, 24" Width, @ 45', @ 20' Spacing
- NOTE: Eradication of any existing condition that does not reflect the pavement marking plan as shown on this sheet, shall be completely eradicated per VDOT Standards. The cost shall be incidental to the project and not paid for as a separate item.

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

Plan	B
Signage Plan	11(8)

SCALE 0 25' 50'

VDOT PROJECT NO. 0621-076-610 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 10(8)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

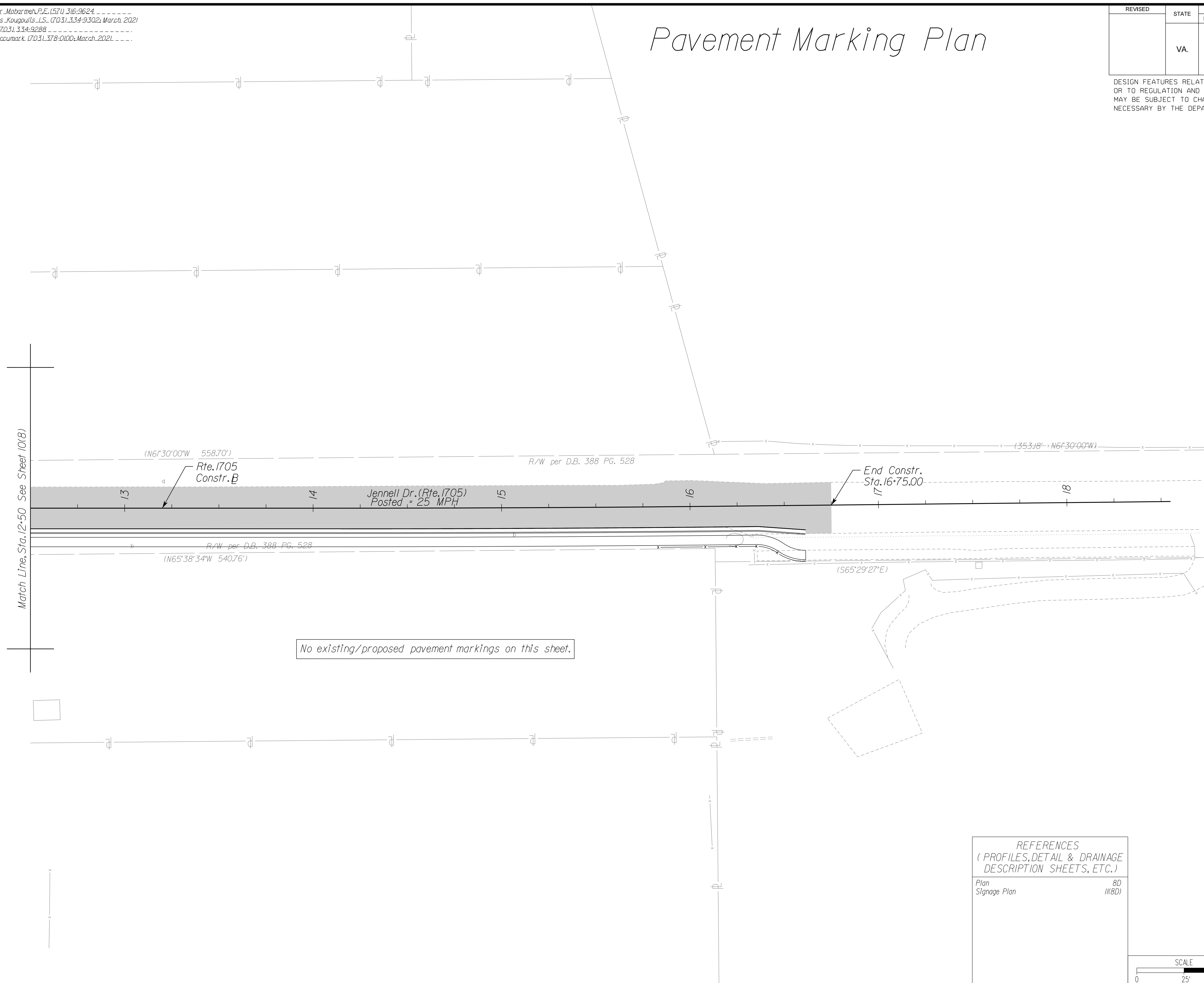
NOVA DISTRICT

PROJECT MANAGER PWCDOT: Aowar, Motarneh, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas Kougoullis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

Pavement Marking Plan

REVISED	STATE		VDOT PROJECT NO.	SHEET NO.
	STATE	ROUTE		
	VA.	621	0621-076-610 PE101 CS01 RW201	10(8D)

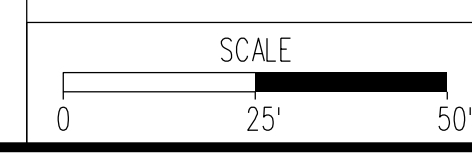
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



NOVA DISTRICT

12/8/2021

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Plan	8D
Signage Plan	11(8D)



VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 10(8D)
---	---------------------

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

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PH PLANS

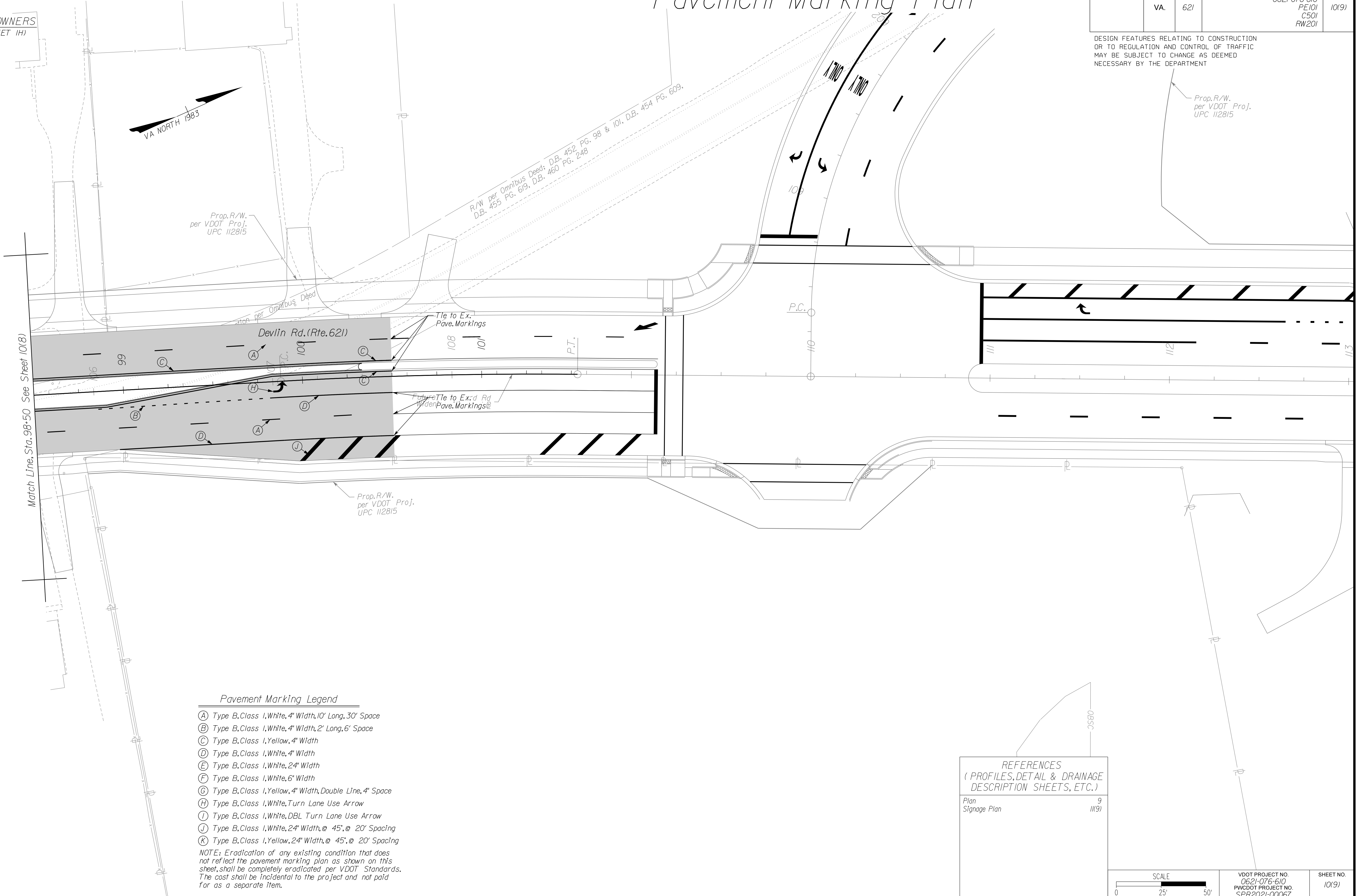
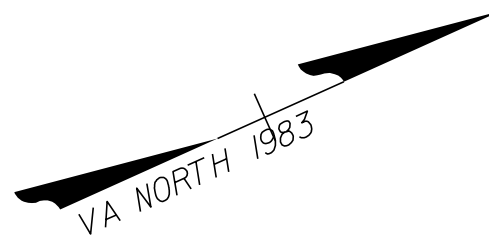
PROJECT MANAGER PWCDOT: Aowar_Mohammedi, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

Pavement Marking Plan

REVISED	STATE	ROUTE	STATE	SHEET NO.
			VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 RW201	10(9)

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)

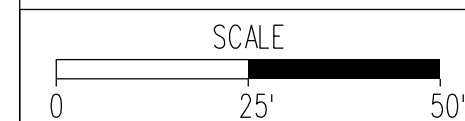


Pavement Marking Legend

- (A) Type B, Class 1, White, 4" Width, 10' Long, 30' Space
- (B) Type B, Class 1, White, 4" Width, 2' Long, 6' Space
- (C) Type B, Class 1, Yellow, 4" Width
- (D) Type B, Class 1, White, 4" Width
- (E) Type B, Class 1, White, 24" Width
- (F) Type B, Class 1, White, 6" Width
- (G) Type B, Class 1, Yellow, 4" Width, Double Line, 4" Space
- (H) Type B, Class 1, White, Turn Lane Use Arrow
- (I) Type B, Class 1, White, DBL Turn Lane Use Arrow
- (J) Type B, Class 1, White, 24" Width, @ 45°, @ 20' Spacing
- (K) Type B, Class 1, Yellow, 24" Width, @ 45°, @ 20' Spacing

NOTE: Eradication of any existing condition that does not reflect the pavement marking plan as shown on this sheet, shall be completely eradicated per VDOT Standards. The cost shall be incidental to the project and not paid for as a separate item.

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Plan	9
Signage Plan	11(9)



VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 10(9)
---	--------------------

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

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PH PLANS

NOVA DISTRICT


PROJECT MANAGER PWCDOT: Awwar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoulis, LS (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

Signing Plan General Notes, Legend, and Index of Sheets

REVISED	STATE	STATE		SHEET NO.
		ROUTE	VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 RW201	11

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

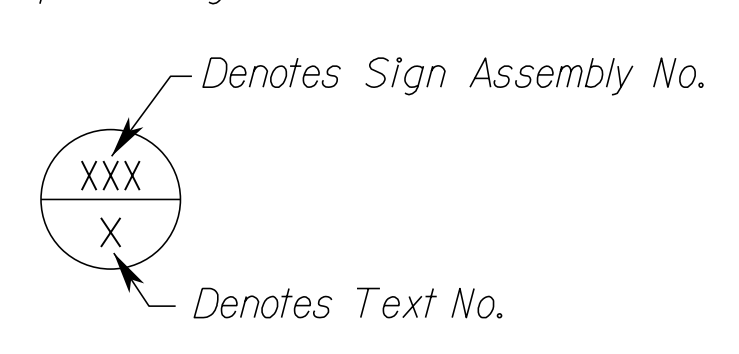
LEGEND FOR SIGNING PLANS



- Remove Sign(s) and Post(s).
- Proposed Sign Panel
- Existing Sign Panel
- Denotes Prop. Ground Mounted Sign Single Post
- Denotes Prop. Ground Mounted Sign Single Post Street Name
- Denotes Prop. Ground Mounted Sign Double Post
- Denotes Exist. Ground Mounted Sign Single Post
- Denotes Exist. Ground Mounted Sign Single Post Street Name

SIGN LABELS

Proposed Sign Assemblies



- Denotes Sign Assembly No.
- Denotes Text No.

General Notes - Signing

- Unless otherwise approved by the Engineer or as indicated on the project Traffic Management Plan, existing traffic signs, which are to be removed, shall remain in place until the new sign structure and critical message are in place.
- Proposed signs and sign structures shall not impact underground existing utilities. Contractor is responsible for any disruption in Utility Service due to digging for sign structures. If Proposed sign location will cause impact to existing Utility Service, sign shall be relocated at the approval of the Engineer, at no additional cost.
- The Contractor shall coordinate with VDOT by using the VDOT on-line marking request system, found at www.vdotutilitymarkingvirginia.gov, to have any VDOT owned utilities, within the project limits, marked prior to start of work.
- All underground and overhead utilities shown on these plans are approximate only and may not be complete. At least 72 hours prior to beginning signing work, Contractor shall contact "Miss Utility of Virginia" at 1-800-552-7001 in order to determine the extent, location, and identify all of the utilities within the work area. If the Contractor perceives a conflict between utilities and the proposed signs, the Contractor shall notify the Engineer immediately so the conflict may be reviewed. The Contractor shall be responsible for repairing or replacing, at their own expense, any existing utilities, pavement, concrete items, etc. that are damaged or disturbed during construction.
- The removal or modification of existing sign panels, structures, or foundations shall conform to Section 510 of the VDOT Road and Bridge Specifications.
- Unless otherwise indicated on the plans, all breakaway ground mounted sign structures shall be located within 25' of the sign's indicated location or as directed by the Engineer, and within the Existing or Proposed Right of Way.
- All existing and proposed sign locations are approximate and shall be field verified by the Contractor. All proposed sign locations shall be staked by the Contractor and approved by the Engineer prior to installation.
- All existing signs to be relocated shall be field verified for sign panel dimensions prior to ordering of necessary sign posts, stiffeners, and attachment hardware. Contractor is to ensure appropriate sign structure is installed for each relocated existing sign, at no additional cost to the project.

Index of Sheets

Sheet No.:	Sheet Description:
11	Signing Plan General Notes, Legend, & Index of Sheets
11(1A)	Permanent Signing Schedule
11(2A) - 11(2B)	Sign Panel Details
11(3) - 11(9)	Signing Plan

NOVA DISTRICT

12/8/2021

NOT TO SCALE	VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS







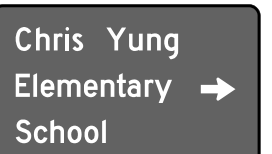


PROJECT MANAGER PWCDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021




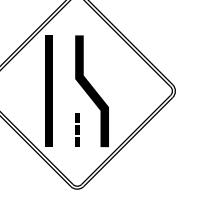
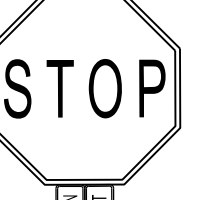


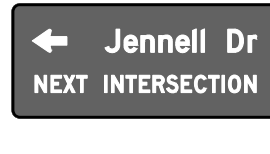
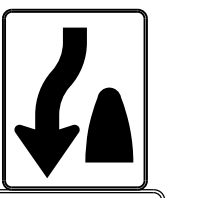

Permanent Signing Schedule

REVISED	STATE	ROUTE	STATE VDOT PROJECT NO.	SHEET NO.
	VA.	621	0621-076-610 PE101 CS01 RW201	111(A)

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

PERMANENT SIGNING SCHEDULE

TEXT NO.	TEXT	SIGN NO.	SIGN STRUCT. ST'D.	PANEL SIZE		ST'D. NO.	SIGN AREA SQ.FT., EA.	REMARKS
				W(Inch)	H(Inch)			
01		401	STP-1 2 1/2" 10 GA. with 2 3/16" 10 GA Inner Post Single Post	88	42	Custom	25.67	See Sheet 11(2A) for sign fabrication detail. Type B Foundation Req'd.
02		402,701,702	STP-1 2" 14 GA. Single Post	54	18	R6-1	6.75	Type A Foundation Req'd.
03		501,507,802,804	STP-1 2" 14 GA. Single Post	24	30	R4-7	5	Type A Foundation Req'd.
04		505	STP-1 2" 14 GA. Single Post	36	36	R1-1	9	Type A Foundation Req'd.
05		504	STP-1 2" 14 GA. Single Post	42	12	Custom	3.5	See Sheet 11(2B) for sign fabrication details. Type A Foundation Req'd.
06		506	STP-1 2" 14 GA. Single Post	42	12	Custom	3.5	See Sheet 11(2B) for sign fabrication details. Type A Foundation Req'd.
07		601	STP-1 2 1/2" 10 GA. with 2 3/16" 10 GA Inner Post Single Post	88	42	Custom	25.67	See Sheet 11(2A) for sign fabrication detail. Type B Foundation Req'd.
08		602	STP-1 2 1/2" 10 GA. with 2 3/16" 10 GA Inner Post Single Post	70	42	Custom	20.42	See Sheet 11(2A) for sign fabrication detail. Type B Foundation Req'd.
09		703,704	STP-1 2" 14 GA. Single Post	18	30	Custom	3.75	Type A Foundation Req'd.
10		705	STP-1 2 1/2" 12 GA. Single Post	70	30	Custom	14.58	See Sheet 11(2A) for sign fabrication detail. Type A Foundation Req'd.

TEXT NO.	TEXT	SIGN NO.	SIGN STRUCT. ST'D.	PANEL SIZE		ST'D. NO.	SIGN AREA SQ.FT., EA.	REMARKS
				W(Inch)	H(Inch)			
11		801	STP-1 2" 14 GA. Single Post	12	18	R7-1R	1.5	Type A Foundation Req'd.
12		803	STP-1 2" 14 GA. Single Post	12	18	R7-1L	1.5	Type A Foundation Req'd.
13		403	STP-1 2 1/2" 10 GA. with 2 3/16" 10 GA Inner Post Single Post	70	42	Custom	20.42	See Sheet 11(2B) for sign fabrication detail. Type B Foundation Req'd.
14		502	STP-1 2" 14 GA. Single Post	36	36	W4-2R	9	Type A Foundation Req'd.
15		503	STP-1 2" 14 GA. Single Post	36	36	R1-1	9	Type A Foundation Req'd.
16		508	STP-1 2" 14 GA. Single Post	36	36	W9-1R	9	Type A Foundation Req'd.
17		404	STP-1 2" 14 GA. Single Post	36	36	W9-2L	9	Type A Foundation Req'd.
18		901	STP-1 2 1/2" 12 GA. Single Post	70	30	Custom	14.58	See Sheet 11(2A) for sign fabrication detail. Type A Foundation Req'd.
19	 	802	STP-1 2" 14 GA. Single Post	24	30	R4-7	5	Type A Foundation Req'd.

NOVA DISTRICT

12/8/2021

NOT TO SCALE	VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 111(A)
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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.

PH PLANS

PROJECT MANAGER_PWCDDOT: Aowar_Mohamreh_P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis_L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn_P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

Sign Panel Details

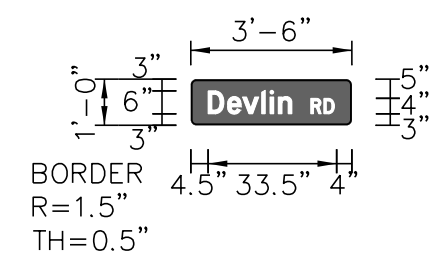
REVISED	STATE	STATE		SHEET NO.
		ROUTE	VDOT PROJECT NO.	
	VA.	621	0621-076-610 PE101 CS01 RW201	11(2B)

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

SIGN DETAIL

NTS

Note: This sign is intended to be double sided and shall be installed as such with appropriate sign assemblies at no additional cost. Final shop drawings shall be submitted to County for approval prior to ordering of materials.



SIGN NUMBER	504.506
WIDTH x HIGHT.	3'-6" x 1'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

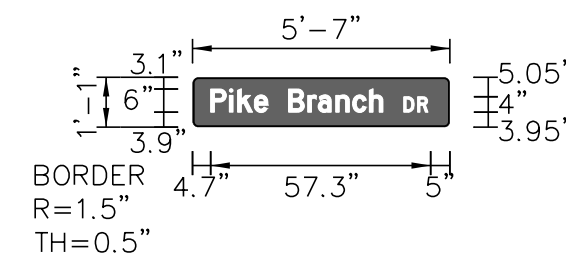
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)		LENGTH	SERIESIZE
D	4.5	22.5	D 2000
e	9.6	6/4.5	6/4.5
v	13.5		
l	18.5		
i	20.6		
n	22.8		
R	31.3	6.7	D 2000
D	34.7	4	4

SIGN DETAIL

NTS

Note: This sign is intended to be double sided and shall be installed as such with appropriate sign assemblies at no additional cost. Final shop drawings shall be submitted to County for approval prior to ordering of materials.



SIGN NUMBER	504
WIDTH x HIGHT.	5'-7" x 1'-1"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

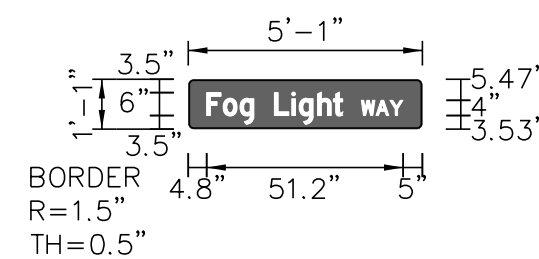
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)		LENGTH	SERIESIZE
P	4.7	45.3	D 2000
i	9.6	6/4.5	6/4.5
k	11.7		
e	16.1		
B	19.6		
r	25		
o	30		
n	32.7		
c	37.2		
h	41.7		
D	55	7	D 2000
R	58.6	4	4

SIGN DETAIL

NTS

Note: This sign is intended to be double sided and shall be installed as such with appropriate sign assemblies at no additional cost. Final shop drawings shall be submitted to County for approval prior to ordering of materials.



SIGN NUMBER	506
WIDTH x HIGHT.	5'-1" x 1'-4"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

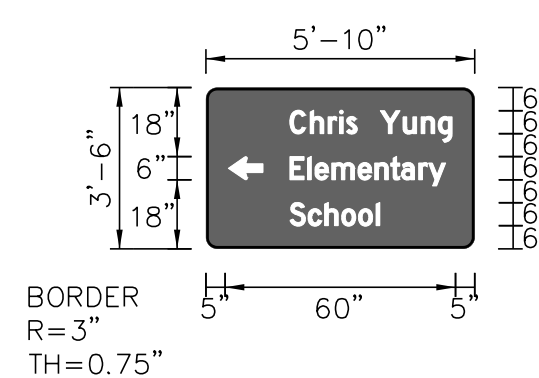
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)		LENGTH	SERIESIZE
F	4.8	36.2	D 2000
o	9.1	6/4.5	6/4.5
g	13.5		
L	17.1		
i	22.5		
g	27		
h	28.9		
t	33.7		
W	45.1	10.9	D 2000
A	48.9	4	4
Y	52.5		

SIGN DETAIL

NTS

Note: This sign is intended to be double sided and shall be installed as such with appropriate sign assemblies at no additional cost. Final shop drawings shall be submitted to County for approval prior to ordering of materials.



SIGN NUMBER	403
WIDTH x HIGHT.	5'-10" x 3'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
AR_Type D	90	5	18	6	10

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)		LENGTH	SERIESIZE
C	21.9	43.1	D 2000
h	27.1	6/4.5	6/4.5
r	31.8		
i	34.8		
s	36.6		
Y	39.4		
u	45.4		
n	51.3		
g	56.1		
E	60.5	41.1	D 2000
l	21.9	6/4.5	6/4.5
e	26.5		
m	28.4		
e	32.8		
n	39.6		
t	44		
o	48.1		
r	50.9		
y	55.5		
S	21.9	24.1	D 2000
c	26.6	6/4.5	6/4.5
h	30.9		
o	35.4		
i	39.7		
S	44.4		

NOVA DISTRICT

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.

PH PLANS

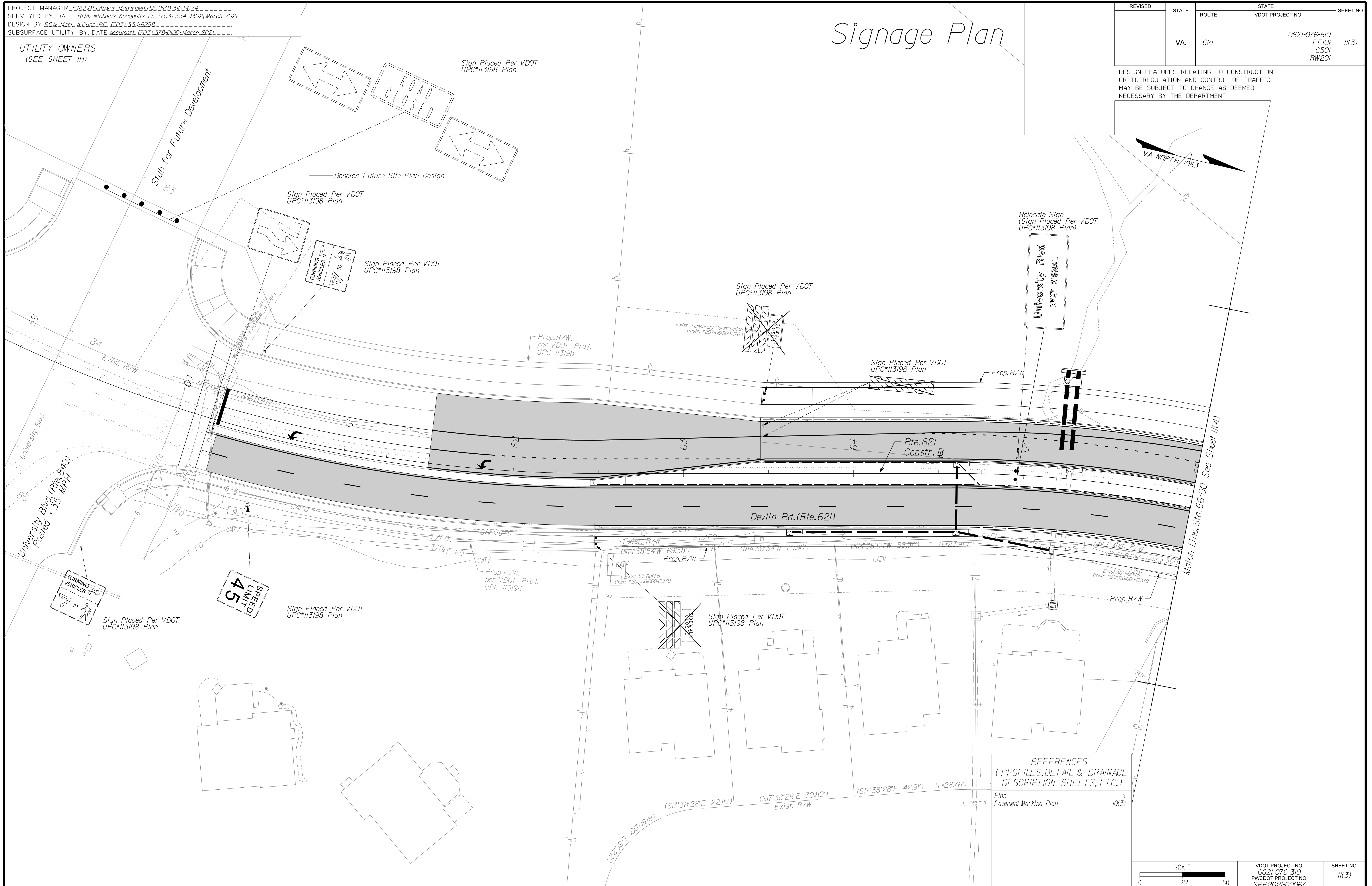
PROJECT MANAGER PWCDOT: Awwar_Mohamreh, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 378-0100; March, 2021

UTILITY OWNERS
(SEE SHEET 1H)

Signage Plan

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	11(3)

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



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

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PH PLANS

NOVA DISTRICT

12/8/2021

SCALE
0 25' 50'

VDOT PROJECT NO.
0621-076-310
PWCDOT PROJECT NO.
SPR2021-00067

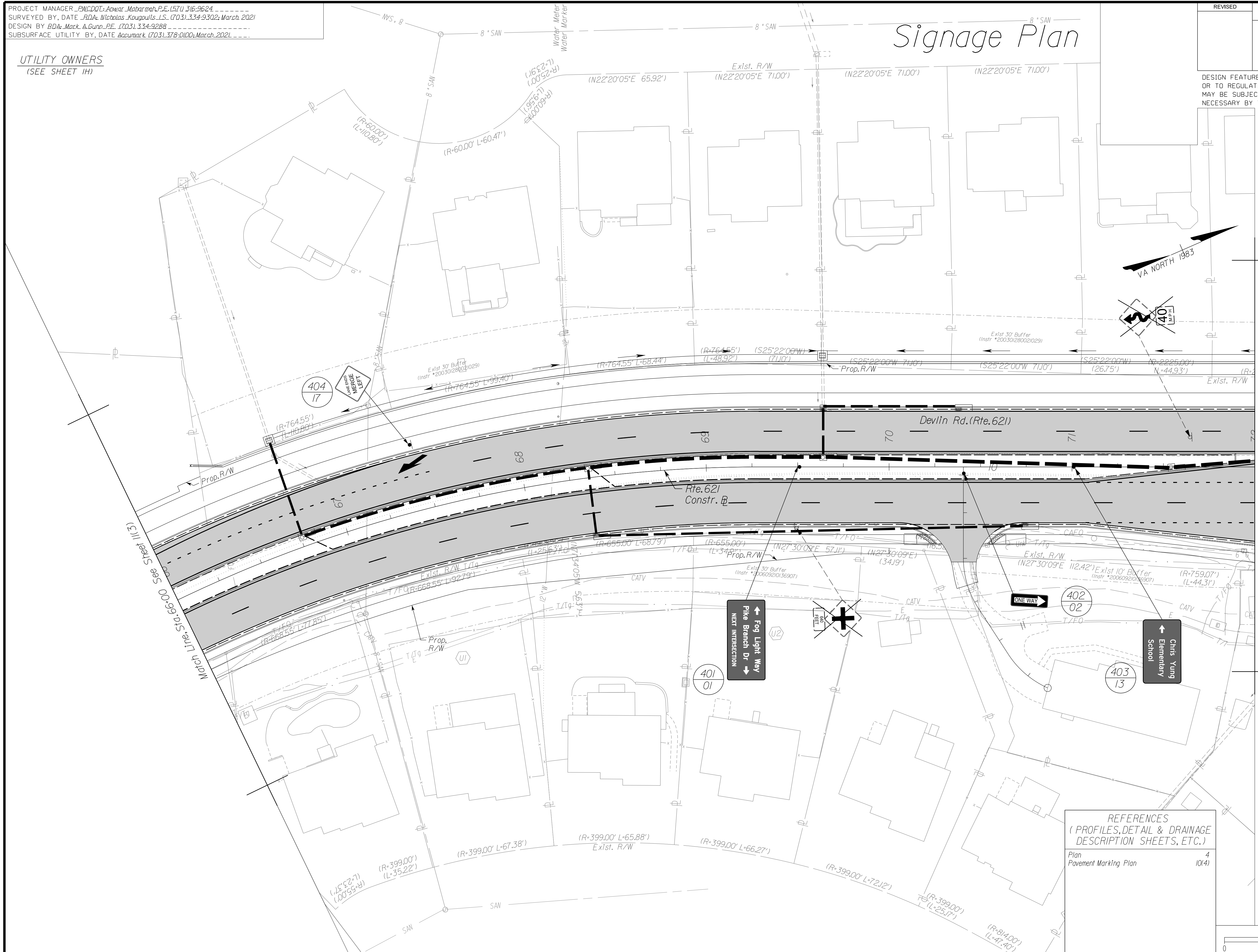
SHEET NO.
11(3)

PROJECT MANAGER_PWCDDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accumark (703) 378-0100; March, 2021

UTILITY OWNERS
(SEE SHEET 1H)

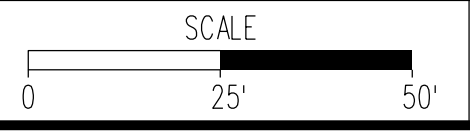
REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	11(4)

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.)

Plan	4
Pavement Marking Plan	10(4)



VDOT PROJECT NO. 0621-076-310 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 11(4)
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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.

PH PLANS

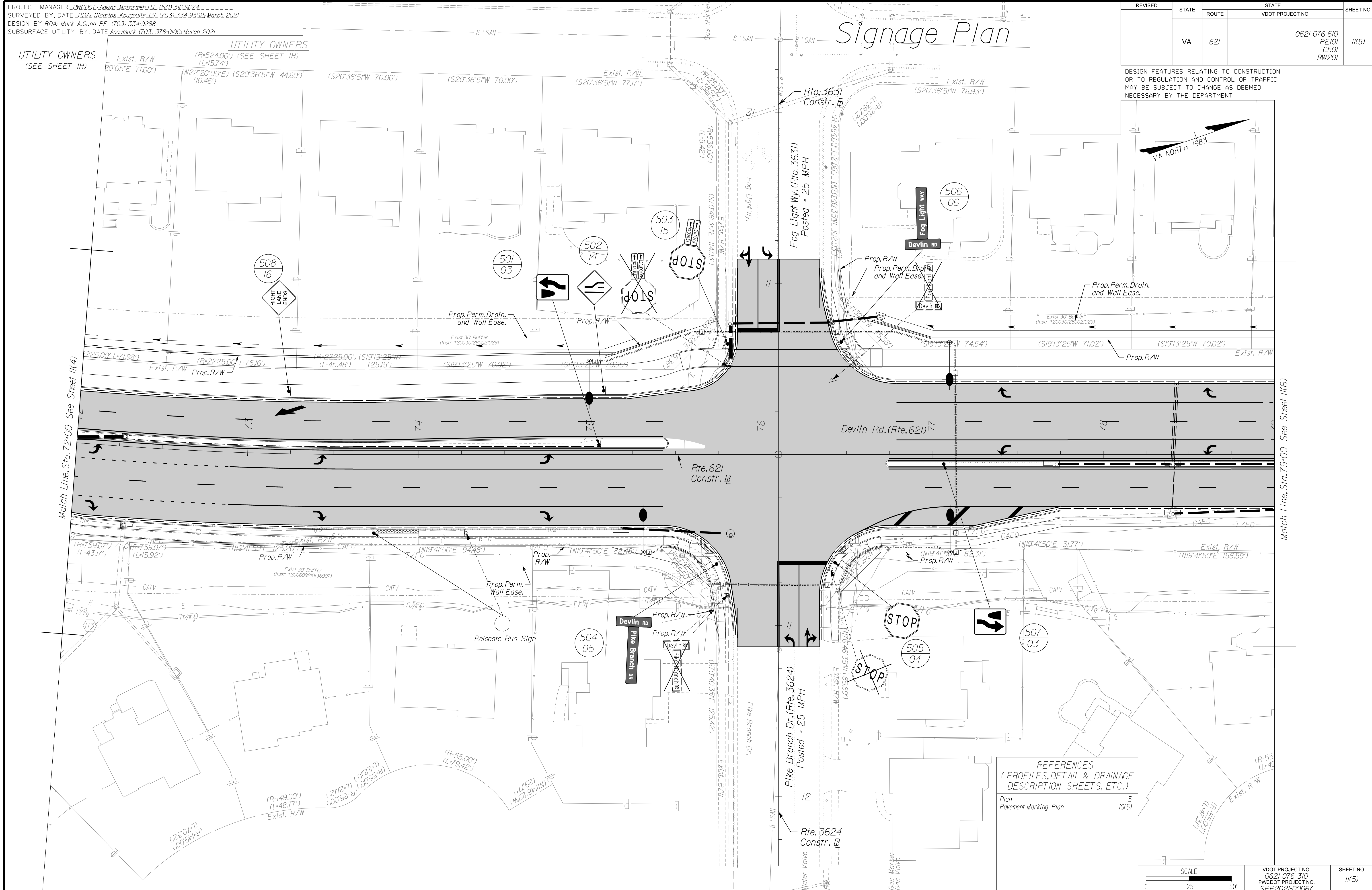
NOVA DISTRICT

12/8/2021

PROJECT MANAGER_PWCDDOT: Aowar_Mohamreh, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoultis, L.S. (703) 334-9302; March 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accumark (703) 378-0100; March 2021

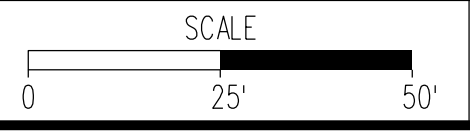
REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	111(5)

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.)

Plan	5
Pavement Marking Plan	10(5)



VDOT PROJECT NO. 0621-076-310 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 111(5)
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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.

PH PLANS

NOVA DISTRICT

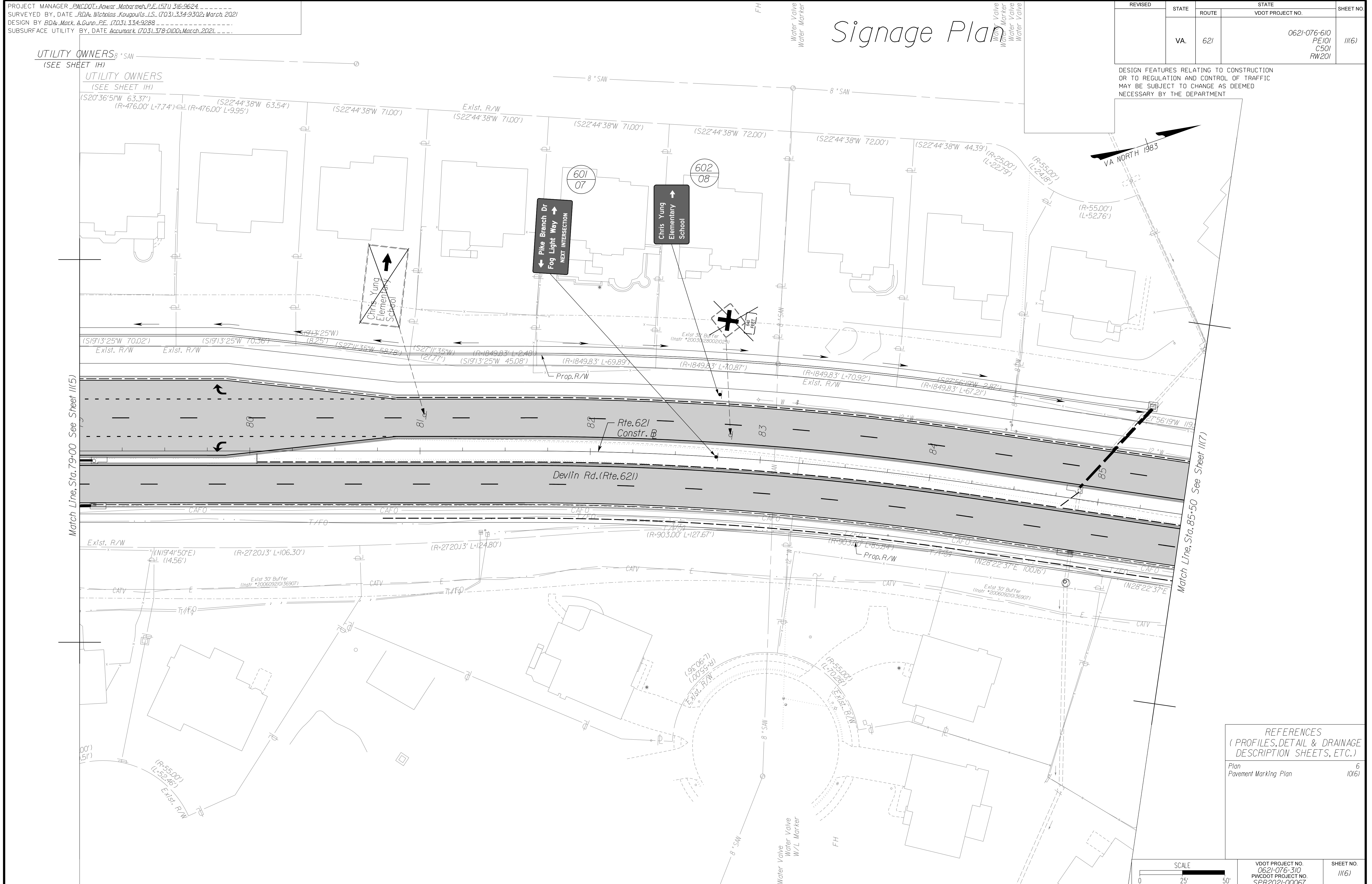
12/8/2021

PROJECT MANAGER_PWCDDOT: Aowar_Mohamreh_P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis_L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_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 CS01 RW201	111(6)

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

Signage Plan



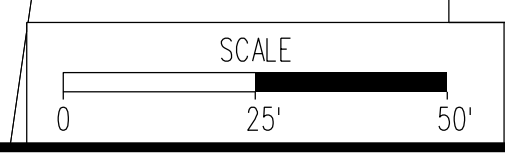
Match Line, Sta. 79+00 See Sheet 11(5)

Match Line, Sta. 85+50 See Sheet 11(7)

NOVA DISTRICT

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

Plan 6
Pavement Marking Plan 1016



VDOT PROJECT NO. 0621-076-310 PWCDDOT PROJECT NO. SPR2021-00067	SHEET NO. 111(6)
--	---------------------

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.

PH PLANS

PROJECT MANAGER PWCDOT: Aowar, Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas Kouyoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March, 2021

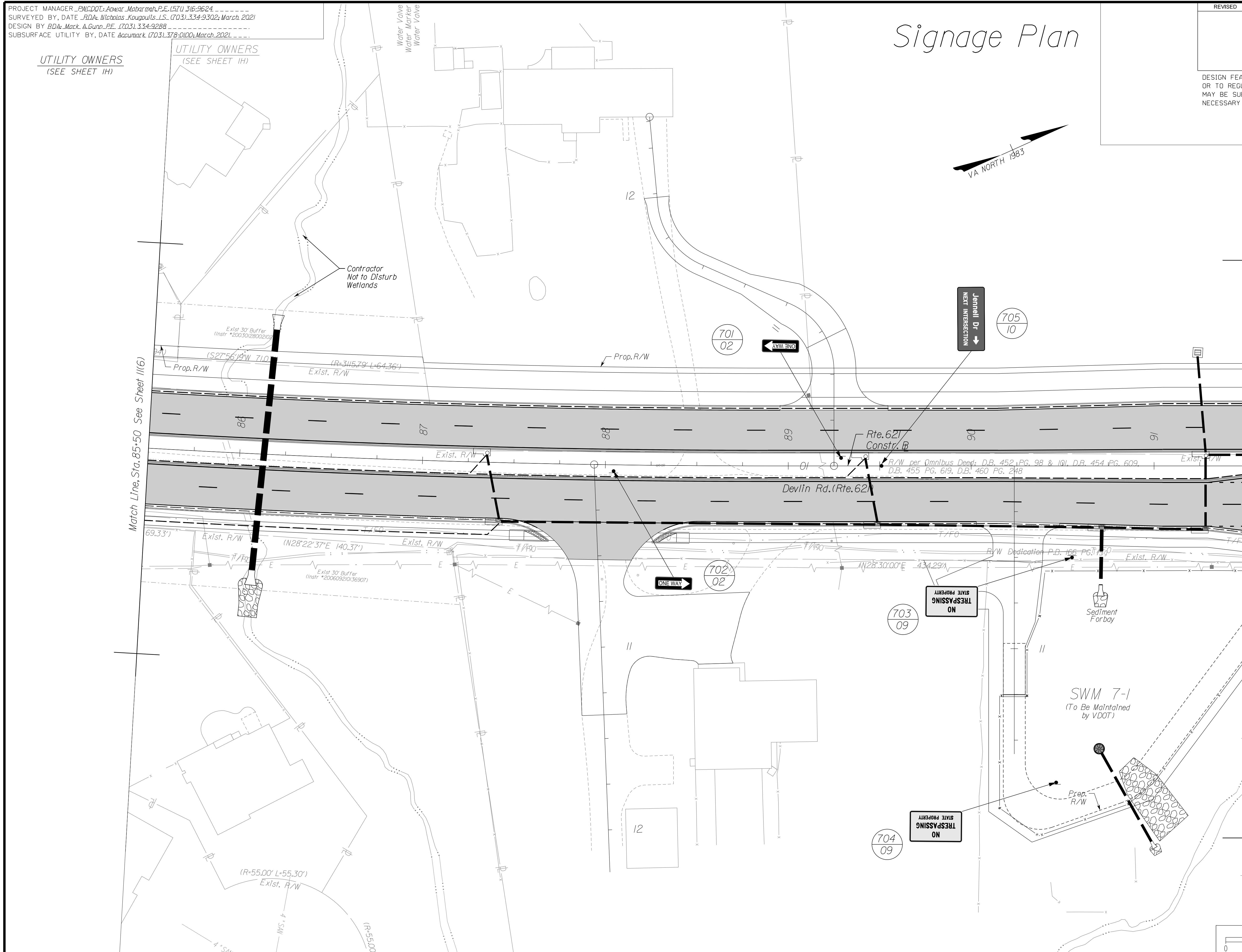
UTILITY OWNERS
(SEE SHEET 1H)

UTILITY OWNERS
(SEE SHEET 1H)

Signage Plan

REVISED	STATE		STATE		SHEET NO.
	STATE	ROUTE	VDOT PROJECT NO.		
	VA.	621	0621-076-610 PE101 CS01 RW201		11(7)

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



Match Line, Sta. 85+50 See Sheet 11(6)

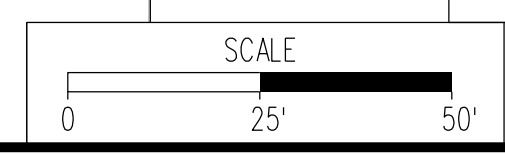
Match Line, Sta. 91+50 See Sheet 11(8)

NOVA DISTRICT

12/8/2021

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

Plan 7
Pavement Marking Plan 10(7)



VDOT PROJECT NO. 0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11(7)
---	--------------------

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

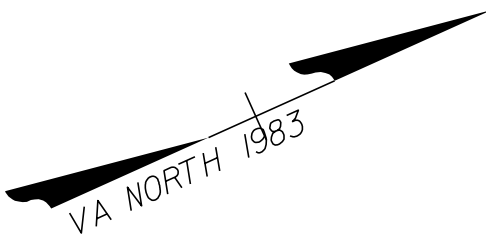
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PH PLANS

PROJECT MANAGER_PWC DOT: Aowar_Mohamreh, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoullis, L.S. (703) 334-9302; March, 2021
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

UTILITY OWNERS
(SEE SHEET 1H)

Denotes Future Site Plan Design



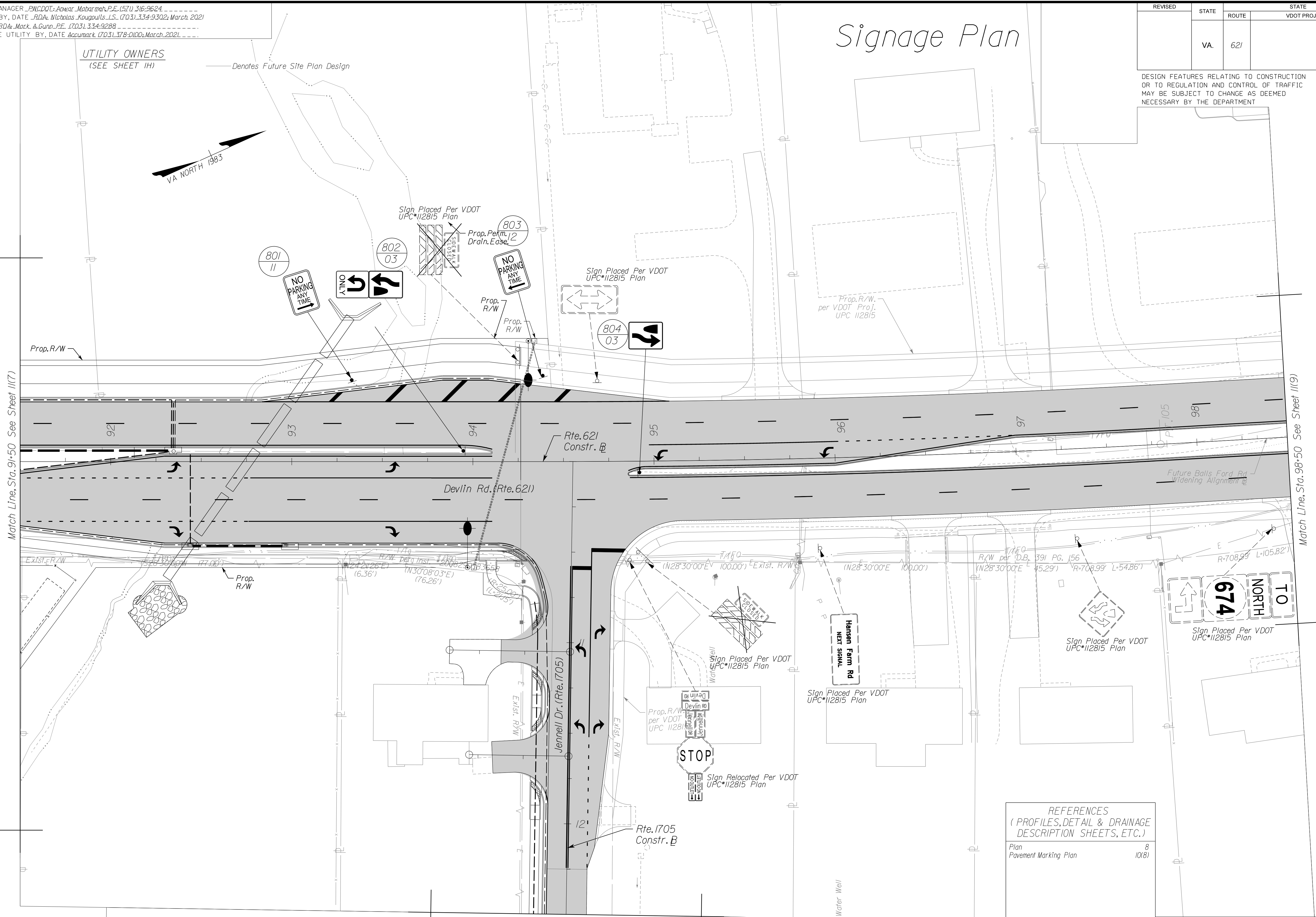
Signage Plan

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	11(8)

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

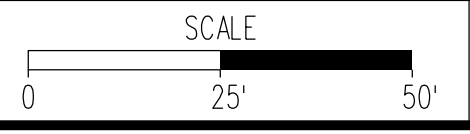
Match Line, Sta. 91+50 See Sheet 11(7)

Match Line, Sta. 98+50 See Sheet 11(9)



Match Line, Sta. 12+50 See Sheet 11(8D)

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Plan	8
Pavement Marking Plan	10(8)



VDOT PROJECT NO.	SHEET NO.
0621-076-310 PWCDOT PROJECT NO. SPR2021-00067	11(8)

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.

PH PLANS

NOVA DISTRICT

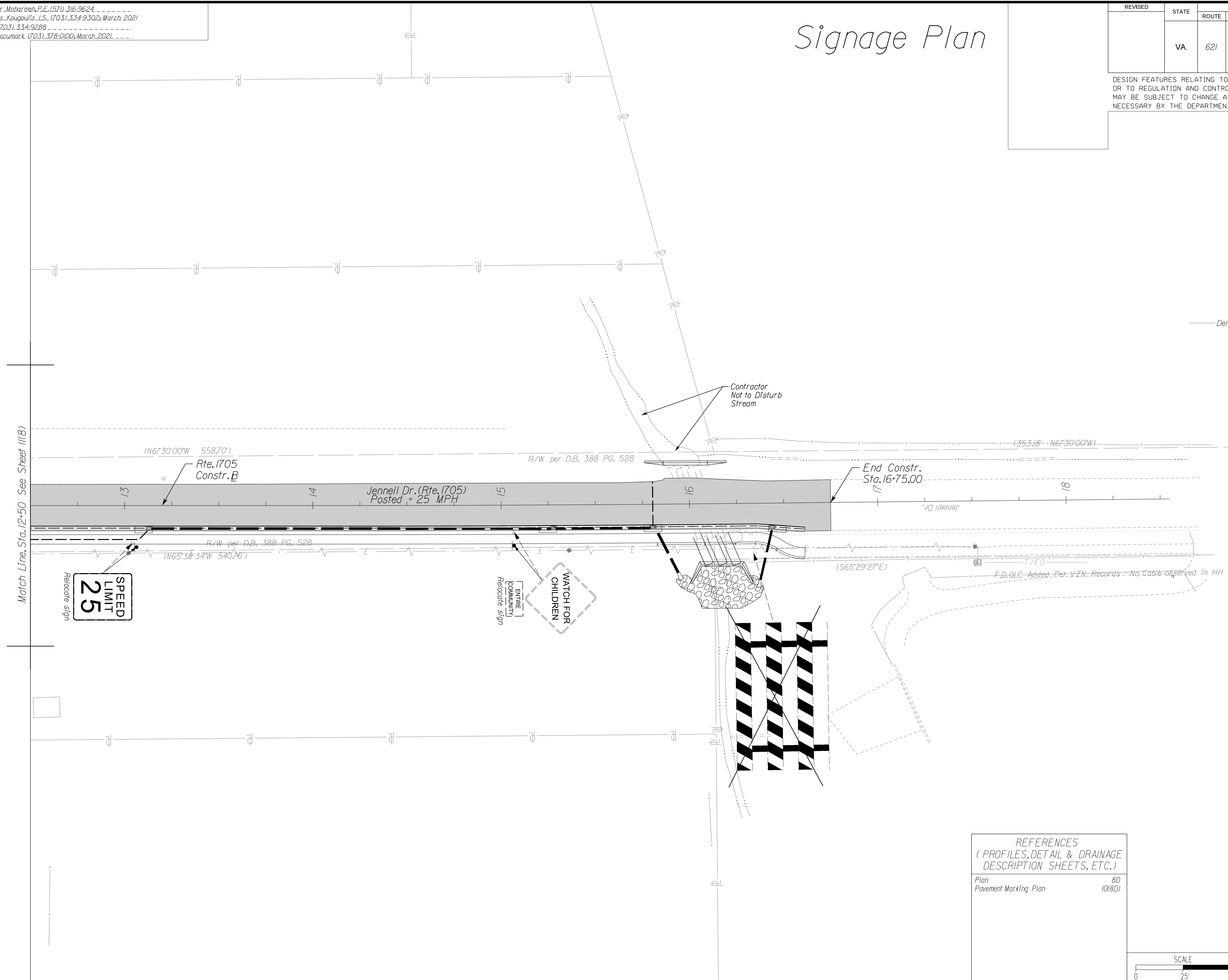
PROJECT MANAGER PWCDOT: Aowar, Motarneh, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas Kouyoultis, L.S. (703) 334-9302; March, 2021
DESIGN BY RDA: Mack, A. Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accumark (703) 378-0100; March, 2021

Signage Plan

REVISED	STATE		VDOT PROJECT NO.	SHEET NO.
	STATE	ROUTE		
	VA.	621	0621-076-610 PE101 CS01 RW201	11(8D)

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

Denotes Future Site Plan Design



REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Plan	8D
Pavement Marking Plan	10(8D)

VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. 11(8D)
---	---------------------

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.

PH PLANS

NOVA DISTRICT

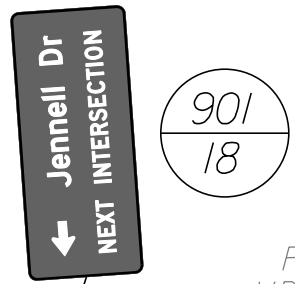
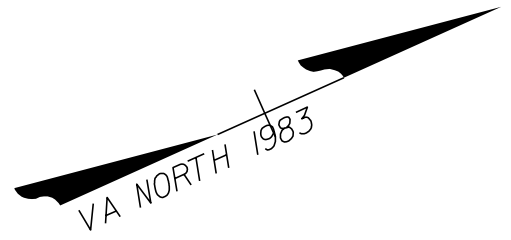
12/8/2021

PROJECT MANAGER_PWCDDOT:Awad_Mohamed,P.E.(571)316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis,LS_(703)334-9302; March 2021
DESIGN BY_RDA: Mack_A.Gunn,P.E.(703)334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark_(703)378-0100; March 2021

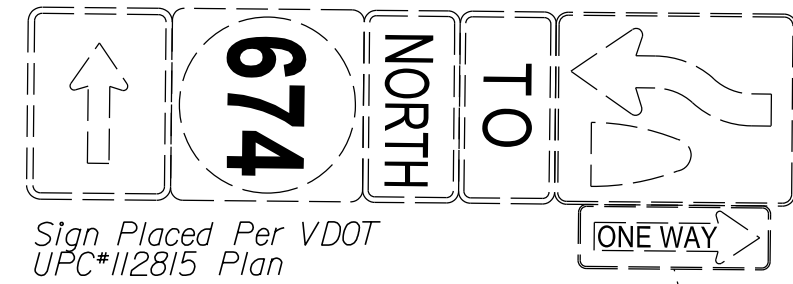
REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	11(9)

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)

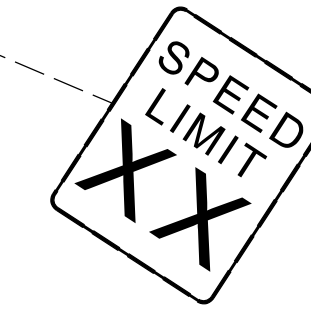


Prop. R/W.
per VDOT Proj.
UPC 112815

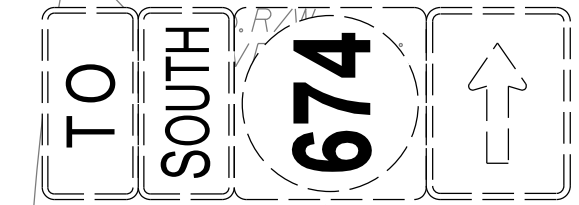


Sign Placed Per VDOT
UPC 112815 Plan

Sign Placed Per VDOT
UPC 112815 Plan



Sign Placed Per VDOT
UPC 112815 Plan



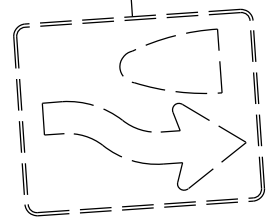
Sign Placed Per VDOT
UPC 112815 Plan

Match Line, Sta. 98+50 See Sheet 11(8)

Devlin Rd. (Rte. 621)

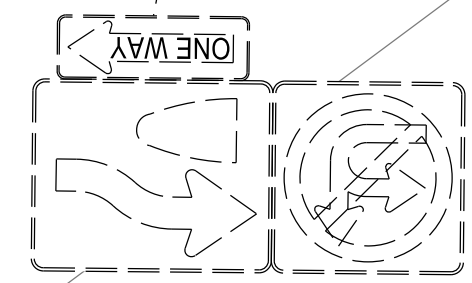
Future, Balls Ford Rd
Widening Alignment

Prop. R/W.
per VDOT Proj.
UPC 112815

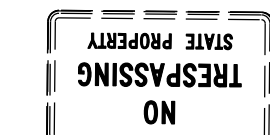


Sign Placed Per VDOT
UPC 112815 Plan

Sign Placed Per VDOT
UPC 112815 Plan



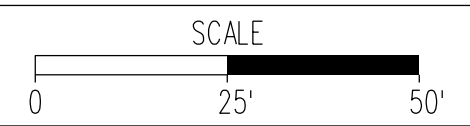
Sign Placed Per VDOT
UPC 112815 Plan



Sign Placed Per VDOT
UPC 112815 Plan

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

Plan	9
Pavement Marking Plan	10(9)



VDOT PROJECT NO.
0621-076-310
PWCDDOT PROJECT NO.
SPR2021-00067

SHEET NO.
11(9)

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.

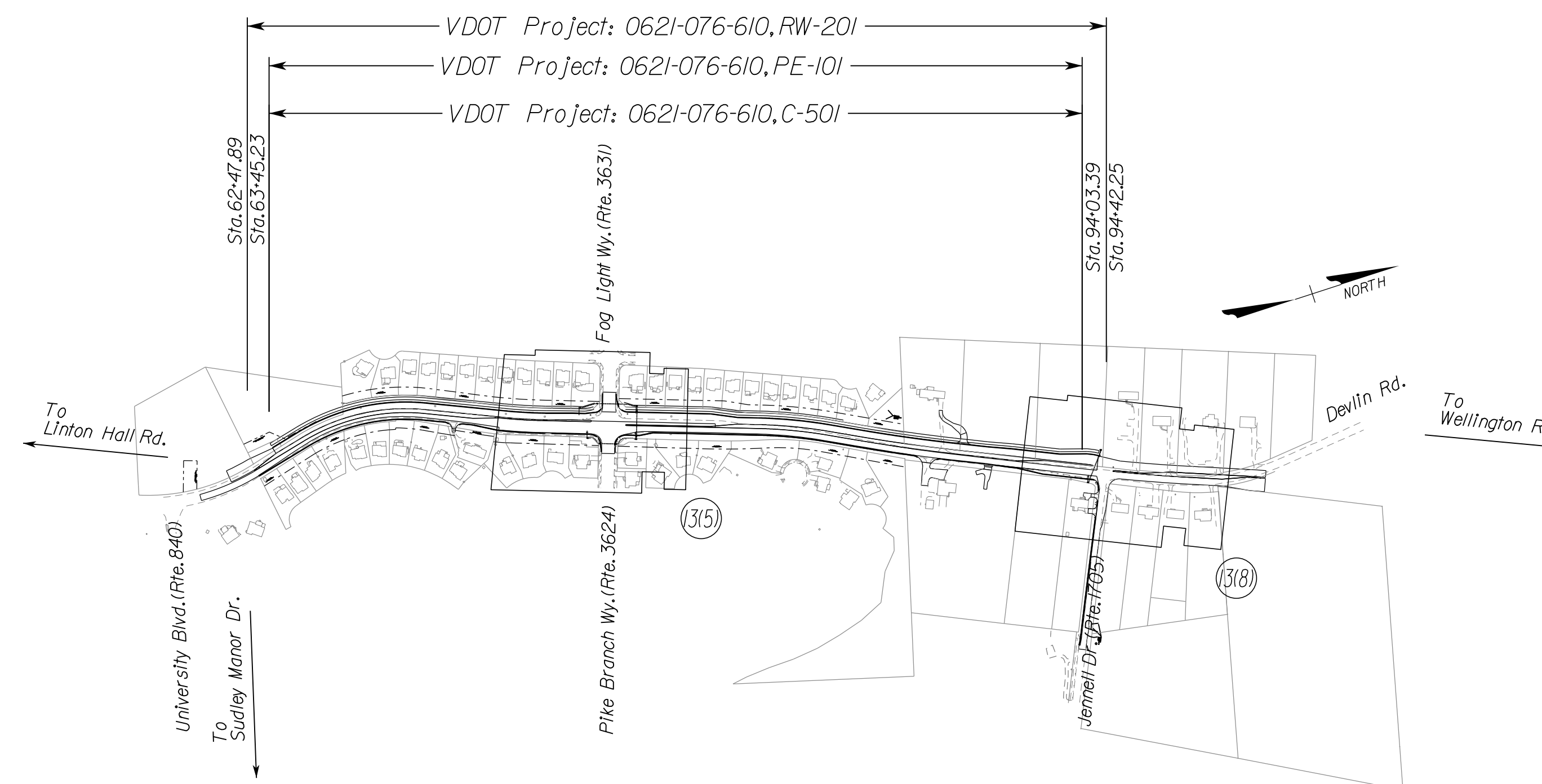
PH PLANS

NOVA DISTRICT

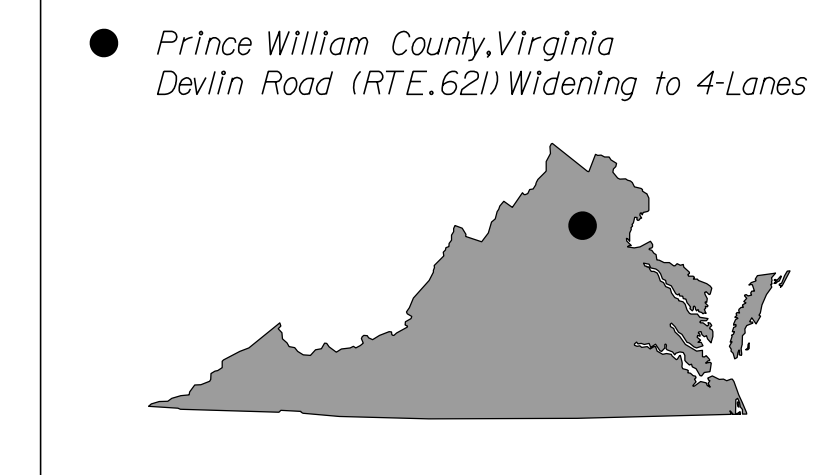
PROJECT MANAGER_PWCDDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; September 2018
DESIGN BY_RDA: Mack_A.Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March, 2021

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	13

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



PROJECT LOCATION



PROJECT LOCATION:

Midpoint (Rte. 621/Rte. 3631 Intersection)
Latitude = 38° 46' 20" N
Longitude = 77° 34' 05" W

PROJECT LIGHTING AREA

The Devlin Rd (Rte. 621) 4-Lane Widening Project has been designed in accordance with RP-8-18 to include all thru lane traffic pavement as shown in the plans along the Route 621 Construction Baseline.

PROJECT LOCATION

From: University Boulevard
To: Jennell Drive
Latitude = 38° 46' 20" N
Longitude = 77° 34' 05" W

PROJECT SHEET INDEX

Sheet No. 13.....Roadway Lighting Plan Title and Project Location Map
Sheet No. 13(5).....Plan Sheet
Sheet No. 13(8).....Plan Sheet

NOVA DISTRICT

12/8/2021



VDOT PROJECT NO. 0621-076-310
PWCDOT PROJECT NO. SPR2021-00067

SHEET NO. 13

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.

PH PLANS

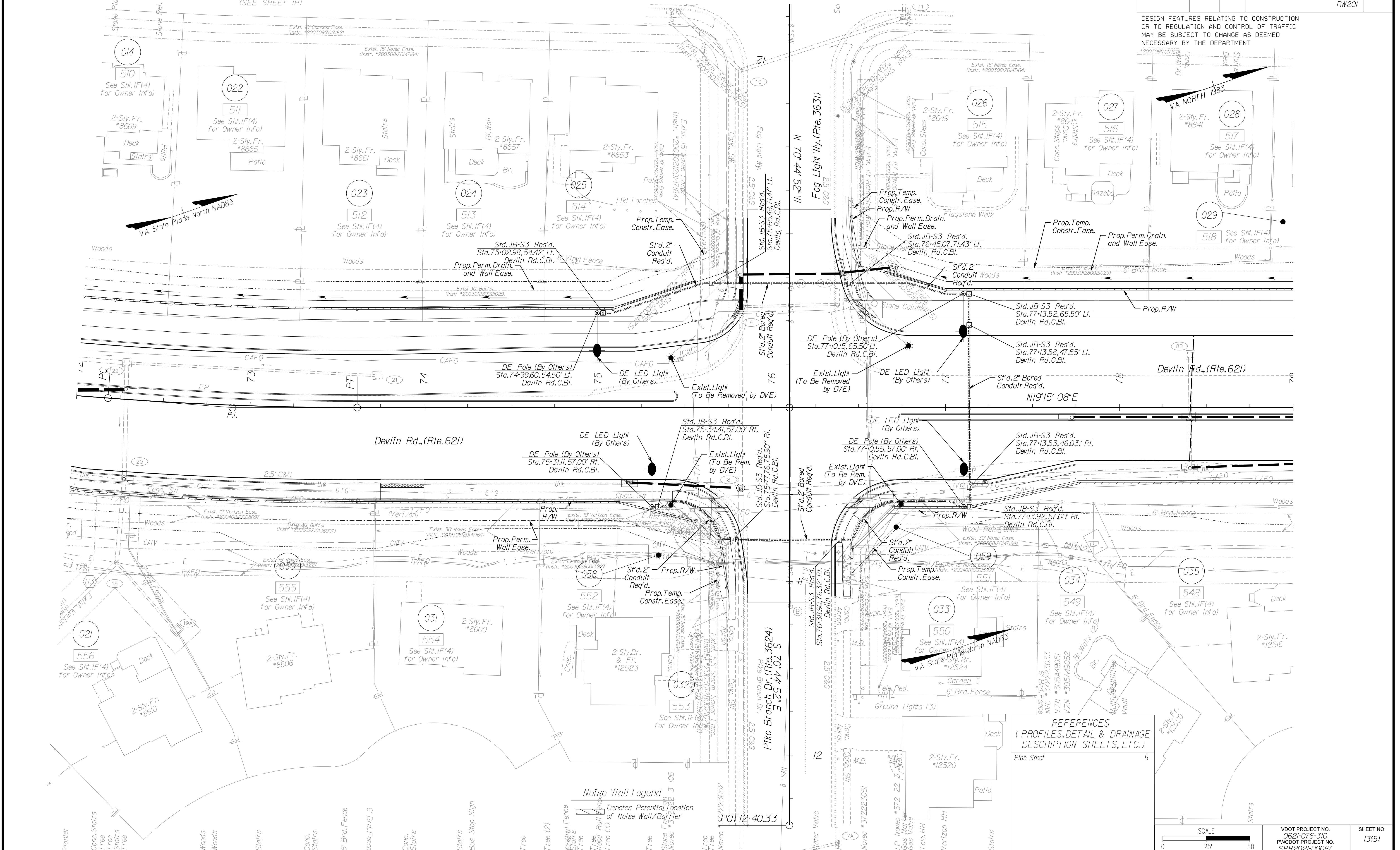
PROJECT MANAGER_PWCDDOT: Aowar_Mohamed, P.E. (571) 316-9624
SURVEYED BY, DATE_RDA: Nicholas_Kougoulis, L.S. (703) 334-9302; September 2018
DESIGN BY RDA: Mack_A_Gunn, P.E. (703) 334-9288
SUBSURFACE UTILITY BY, DATE_Accurmark (703) 378-0100; March 2021

UTILITY OWNER
(SEE SHEET 1H)

Roadway Lighting Plan

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA	621		0621-076-610 PE101 CS01 RW201	13151

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.)
Plan Sheet 5

SCALE
0 25' 50'

VDOT PROJECT NO. 0621-076-310
PWCDDOT PROJECT NO. SPR2021-00067
SHEET NO. 13151

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

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PH PLANS

NOVA DISTRICT

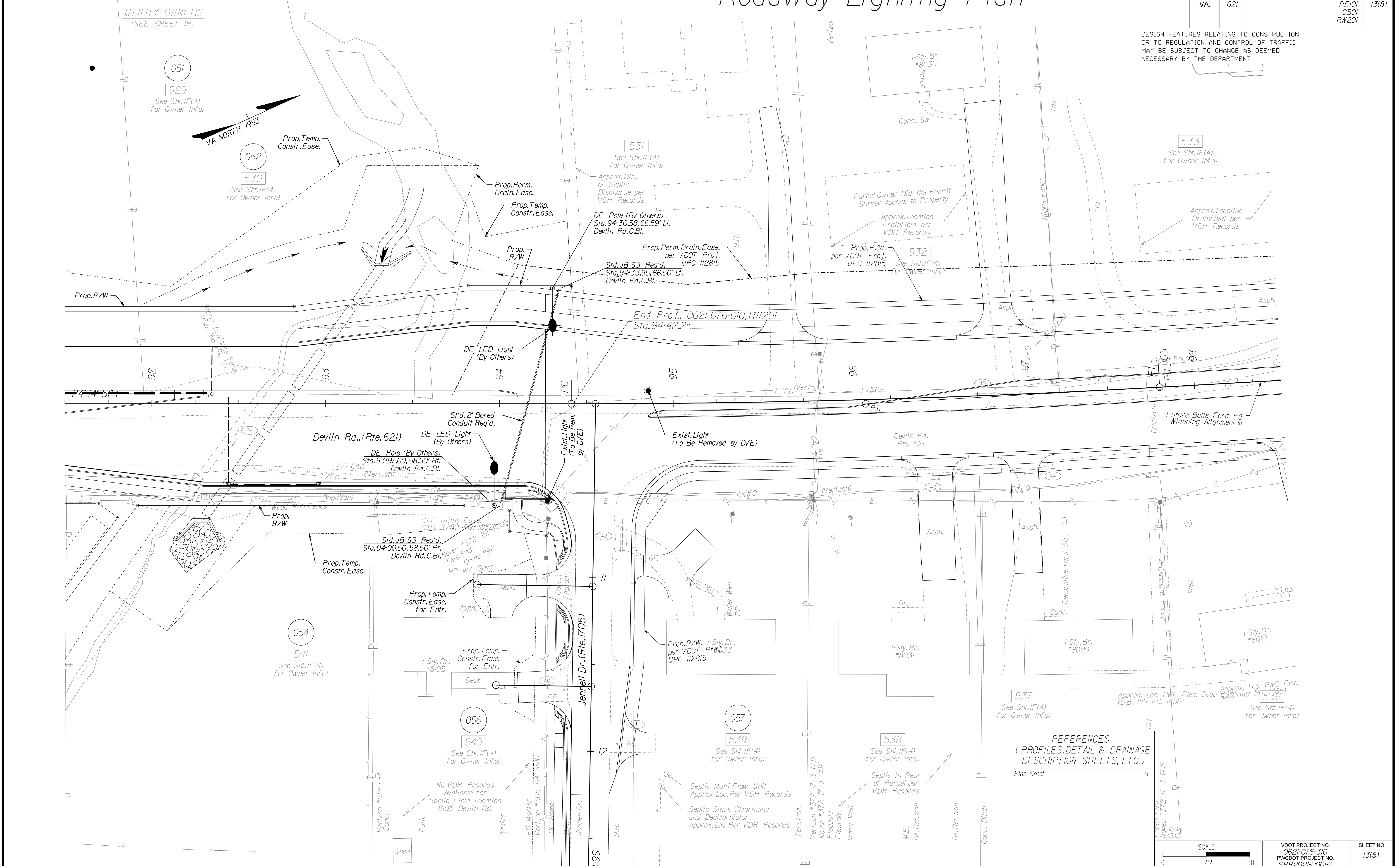
12/8/2021

PROJECT MANAGER: PWC DOT: Awar_Mohamed, P.E. (571) 316-9624
 SURVEYED BY, DATE: RDA: Nicholas Kouyoultis, L.S. (703) 334-9302, September 2018
 DESIGN BY: RDA: Mack & Gunn, P.E. (703) 334-9288
 SUBSURFACE UTILITY BY, DATE: Accurmark (703) 378-0100, March 2021

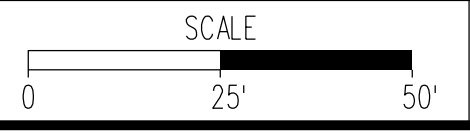
Roadway Lighting Plan

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	13(8)

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.)
 Plan Sheet 8



VDOT PROJECT NO. 0621-076-310 PWC DOT PROJECT NO. SPR2021-00067	SHEET NO. 13(8)
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

NOVA DISTRICT

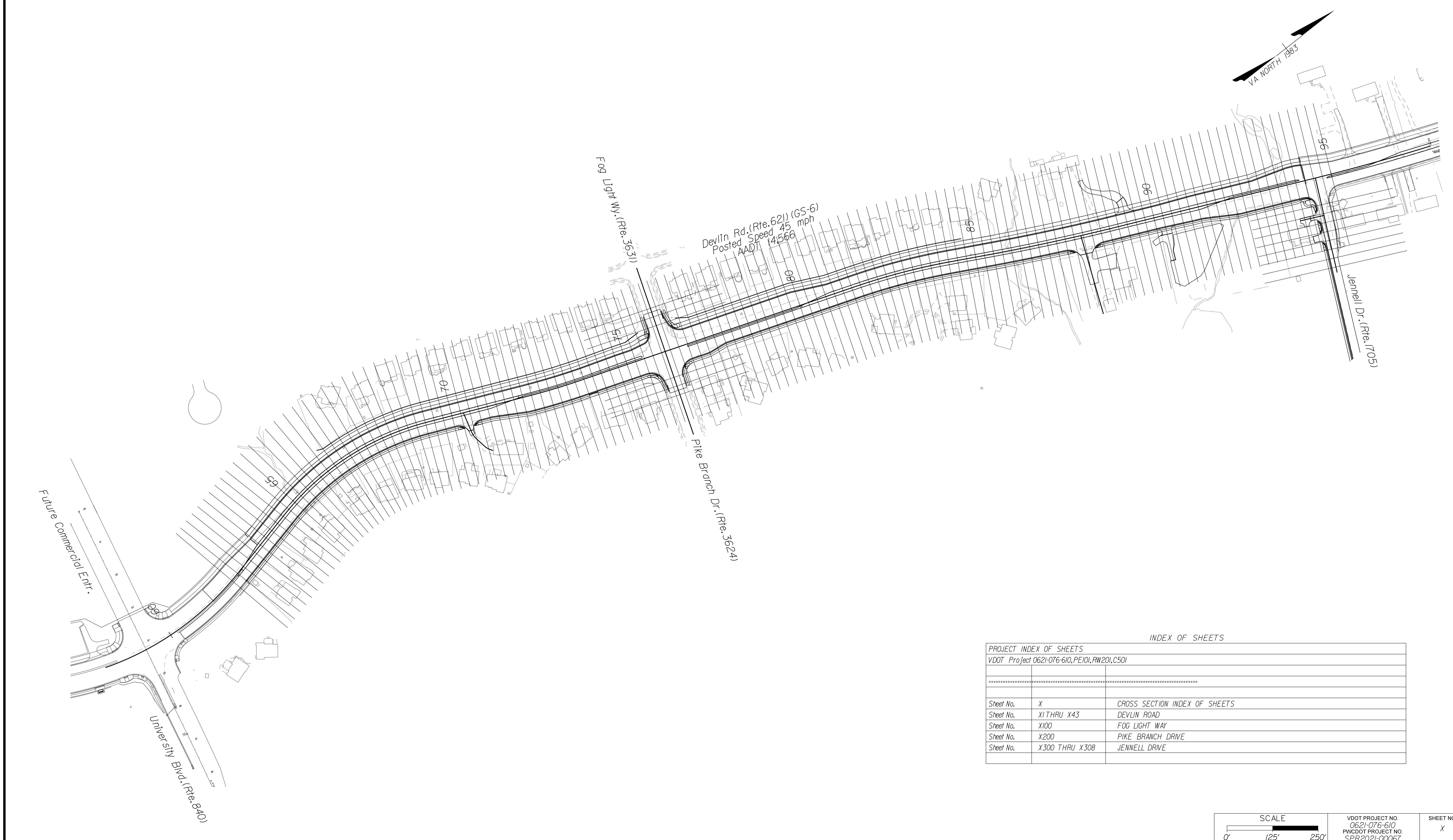
12/8/2021

PROJECT MANAGER PWCDOT: Anwar Matarneh, P.E. (571) 316-9624
SURVEYED BY, DATE RDA: Nicholas Kavoulis, LS (703) 334-9302, March 2021
DESIGN BY RDA: Mack A Guno, PE (703) 334-9288
SUBSURFACE UTILITY BY, DATE Accurmark (703) 328-0100, March 2021

Cross Section Index of Sheets

REVISED	STATE	ROUTE	STATE	VDOT PROJECT NO.	SHEET NO.
	VA.	621		0621-076-610 PE101 CS01 RW201	X

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

12/15/2021

INDEX OF SHEETS

PROJECT INDEX OF SHEETS	
VDOT Project 0621-076-610, PE101, RW201, CS01	

Sheet No.	X CROSS SECTION INDEX OF SHEETS
Sheet No.	X1 THRU X43 DEVLIN ROAD
Sheet No.	X100 FOG LIGHT WAY
Sheet No.	X200 PIKE BRANCH DRIVE
Sheet No.	X300 THRU X308 JENNELL DRIVE

SCALE 0' 125' 250'	VDOT PROJECT NO. 0621-076-610 PWCDOT PROJECT NO. SPR2021-00067	SHEET NO. X
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ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT- OF-WAY SHOWN ON THESE PLANS.

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PH PLANS

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DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

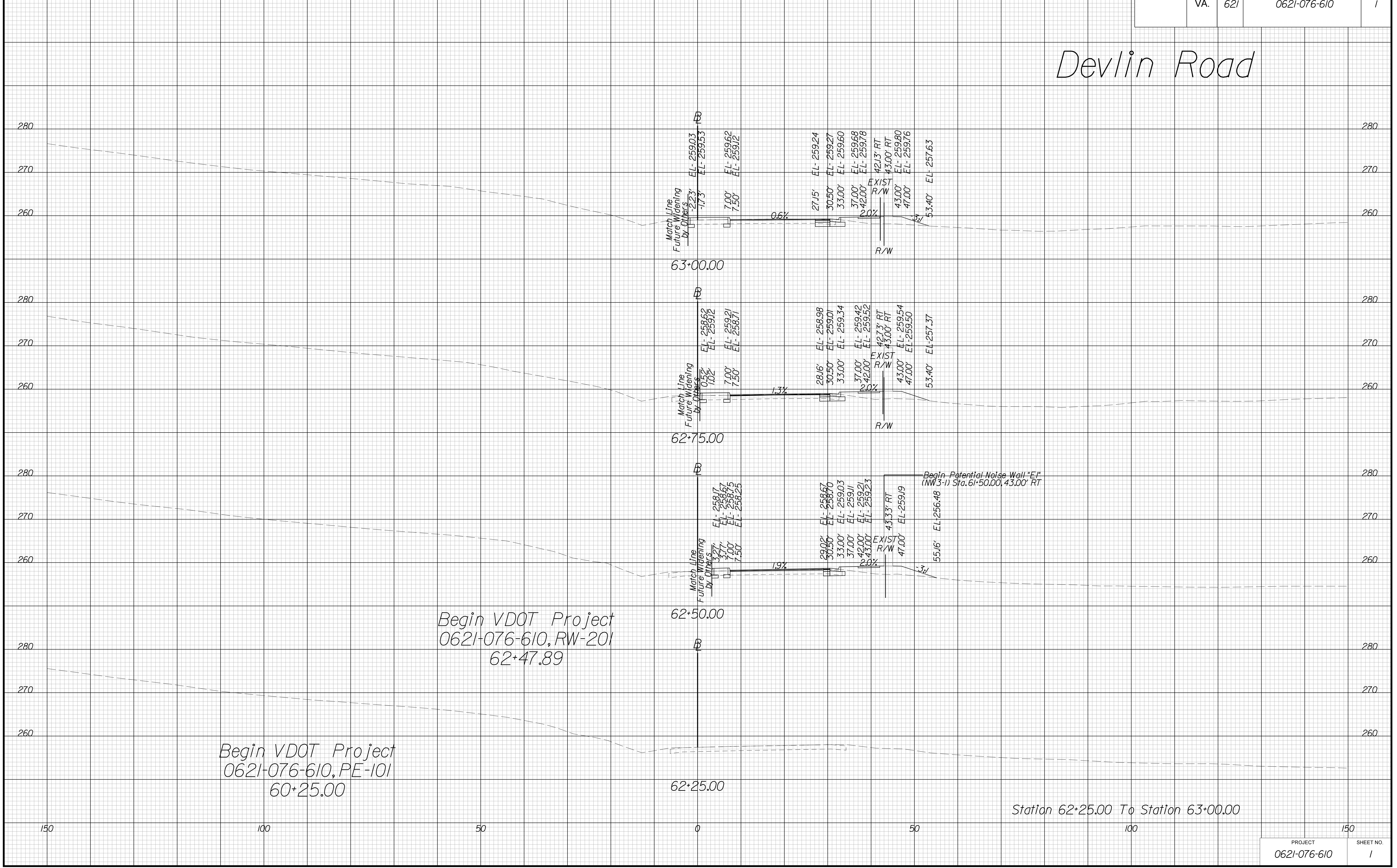
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	1

Devlin Road



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

VE PLANS

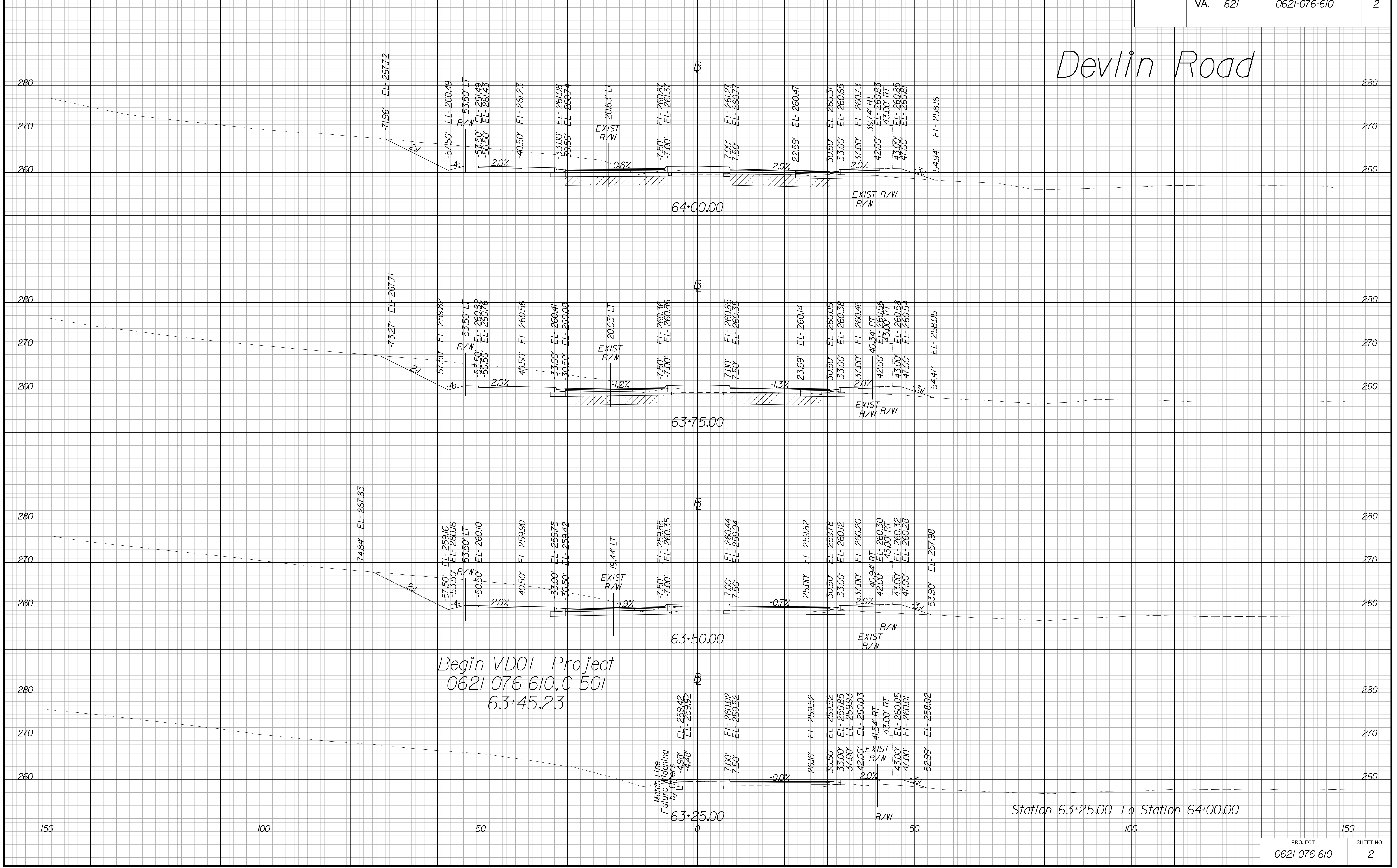
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SUBSURFACE UTILITY BY, DATE ZZZ

CROSS SECTIONS

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



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

VE PLANS

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DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

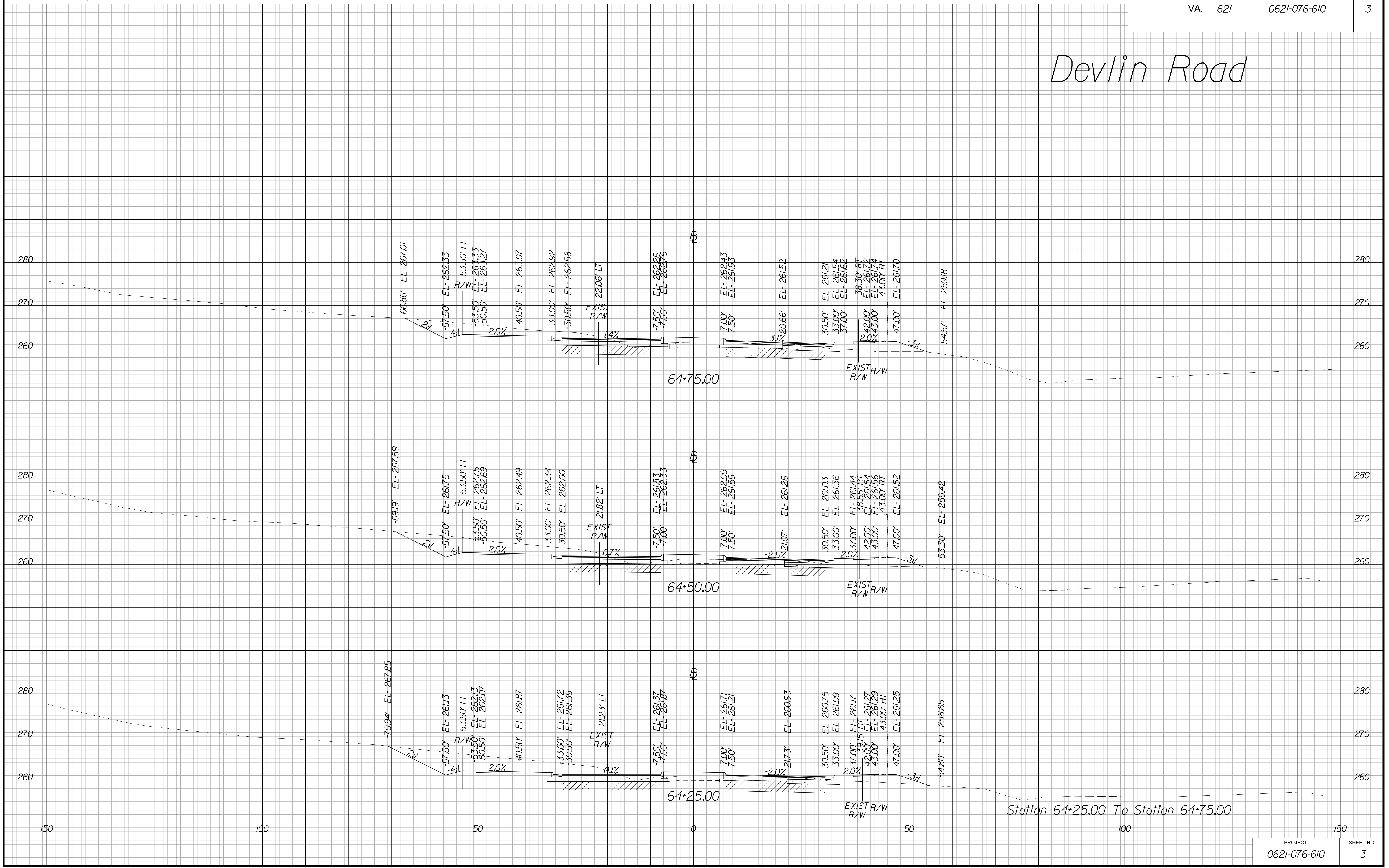
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DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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

Devlin Road



Station 64+25.00 To Station 64+75.00

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VE PLANS

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DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

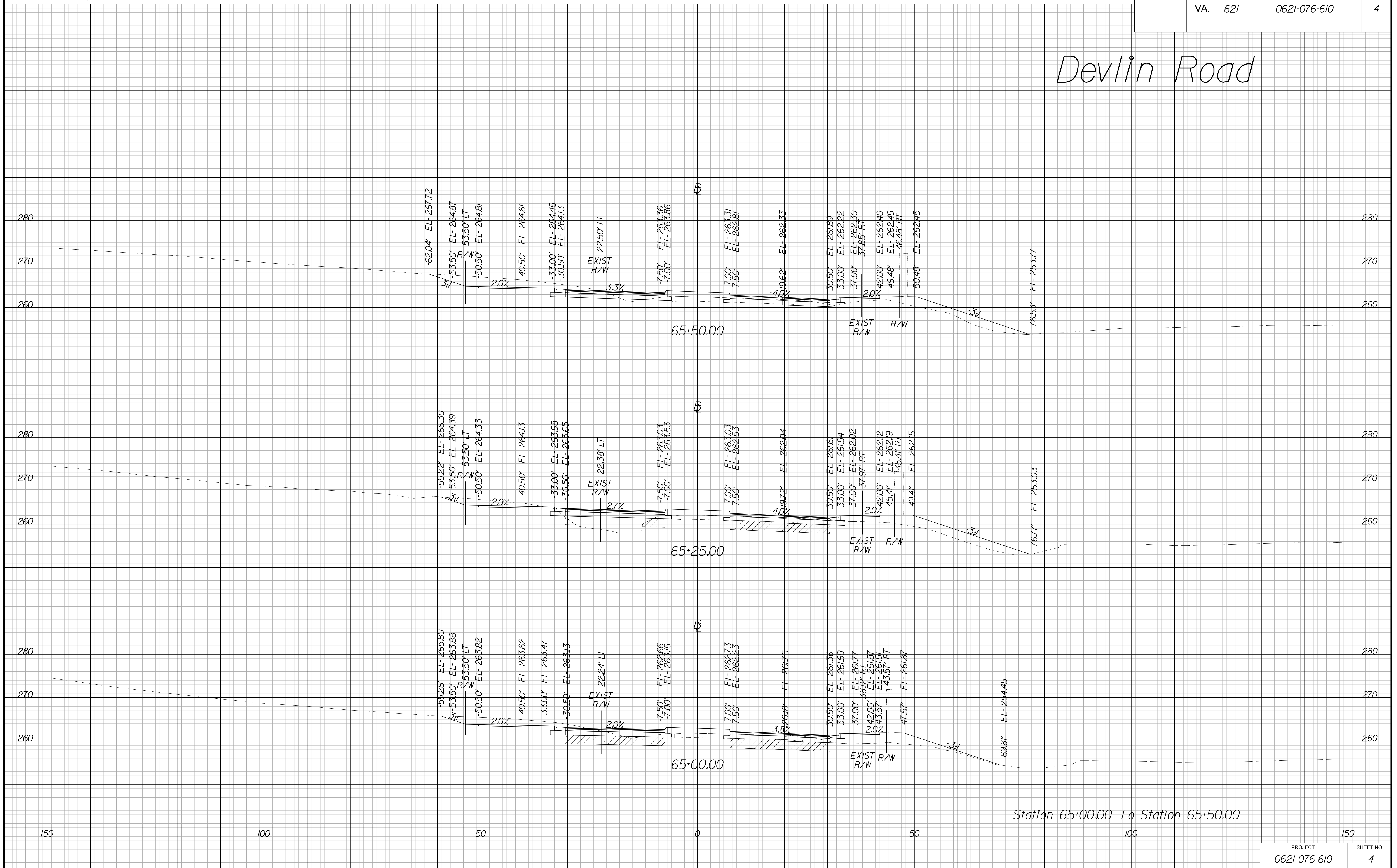
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	4

Devlin Road



Station 65+00.00 To Station 65+50.00

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

VE PLANS

PROJECT MANAGER WWW
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DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

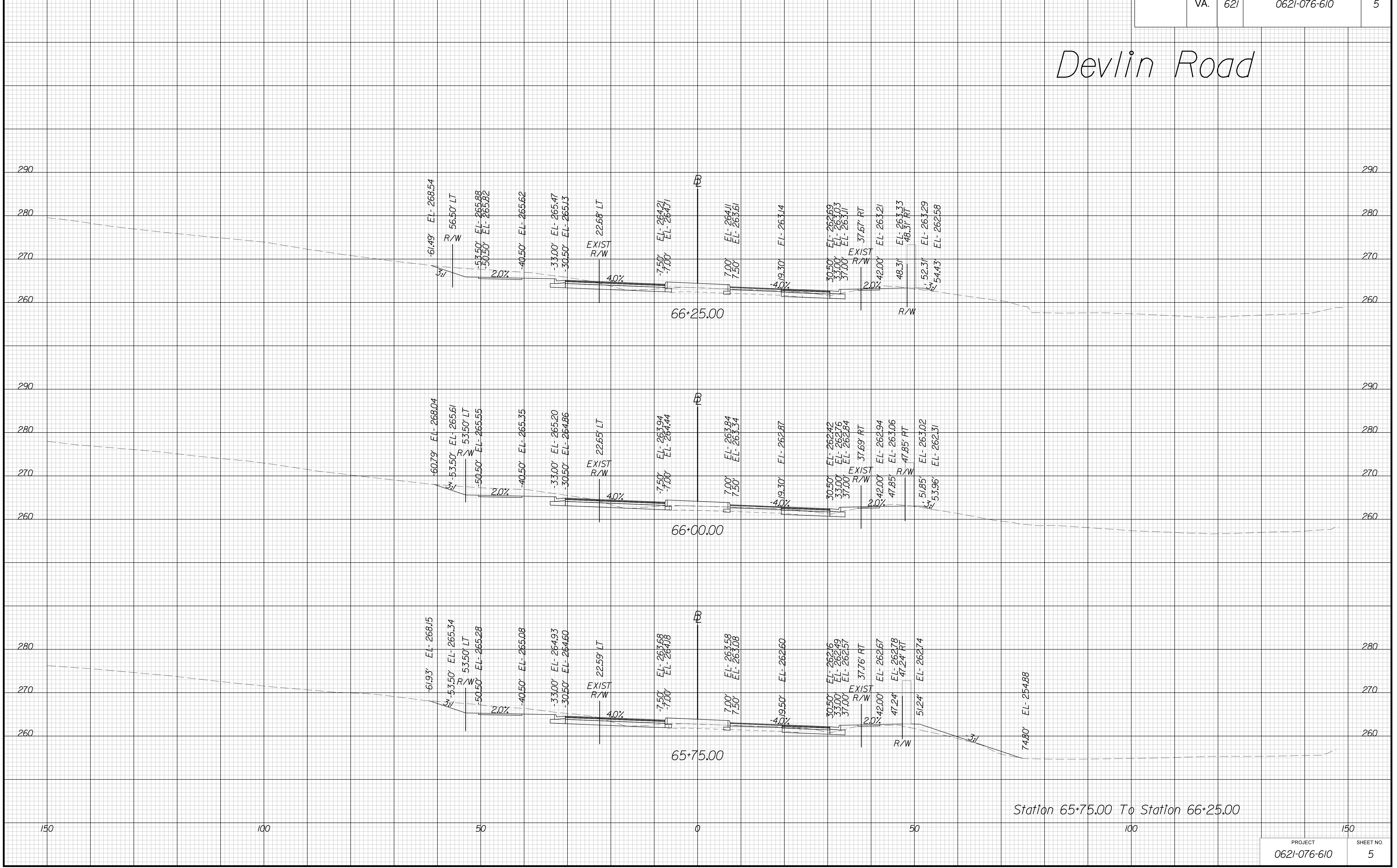
CROSS SECTIONS

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

Devlin Road



Station 65+75.00 To Station 66+25.00

PROJECT	SHEET NO.
0621-076-610	5

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

VE PLANS

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SUBSURFACE UTILITY BY, DATE ZZZ

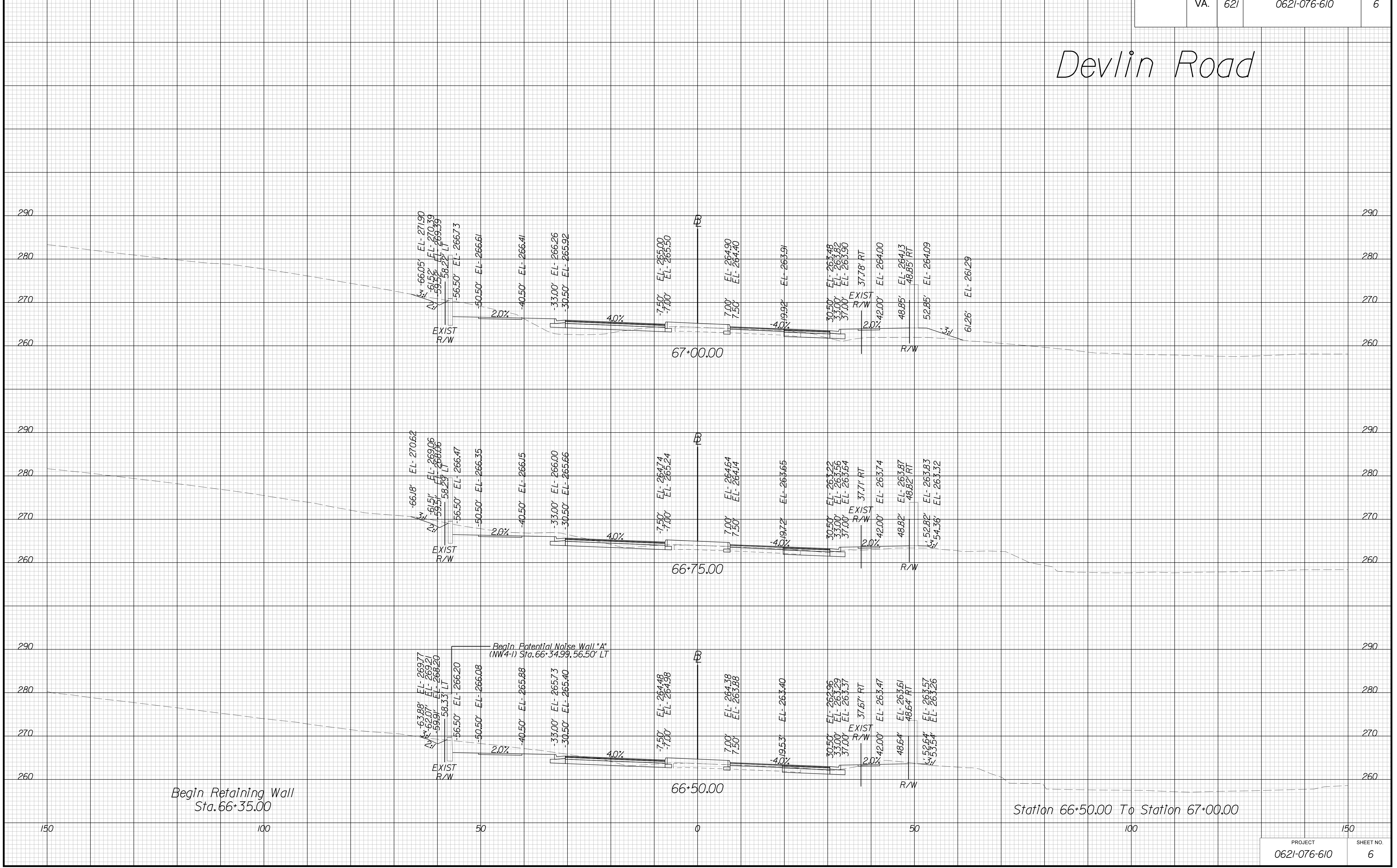
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REVISED	STATE	STATE		SHEET NO.
		ROUTE	PROJECT	
	VA.	621	0621-076-610	6

Devlin Road



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VE PLANS

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SUBSURFACE UTILITY BY, DATE ZZZ

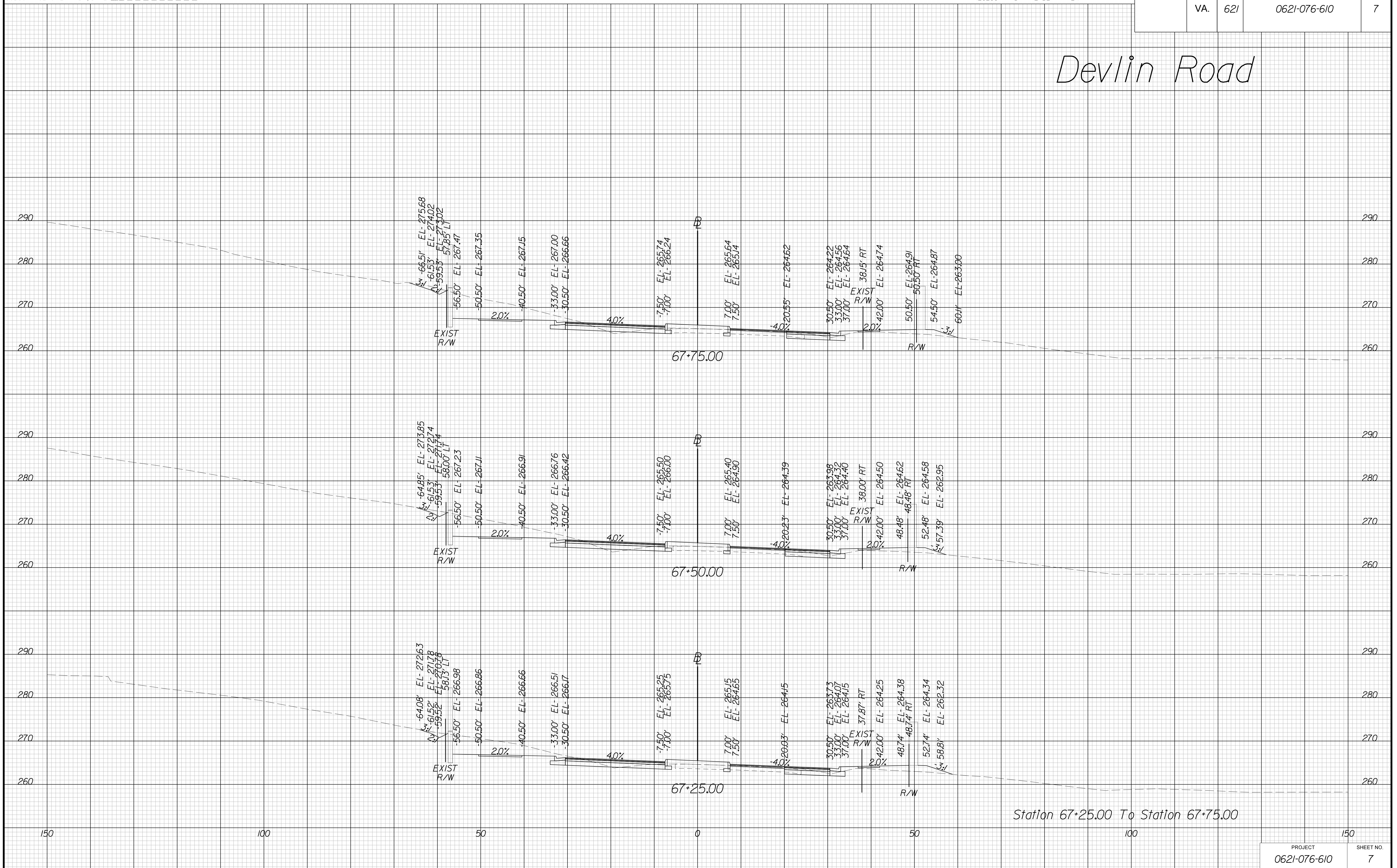
CROSS SECTIONS

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

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

Devlin Road



Station 67+25.00 To Station 67+75.00

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

VE PLANS

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SUBSURFACE UTILITY BY, DATE ZZZ

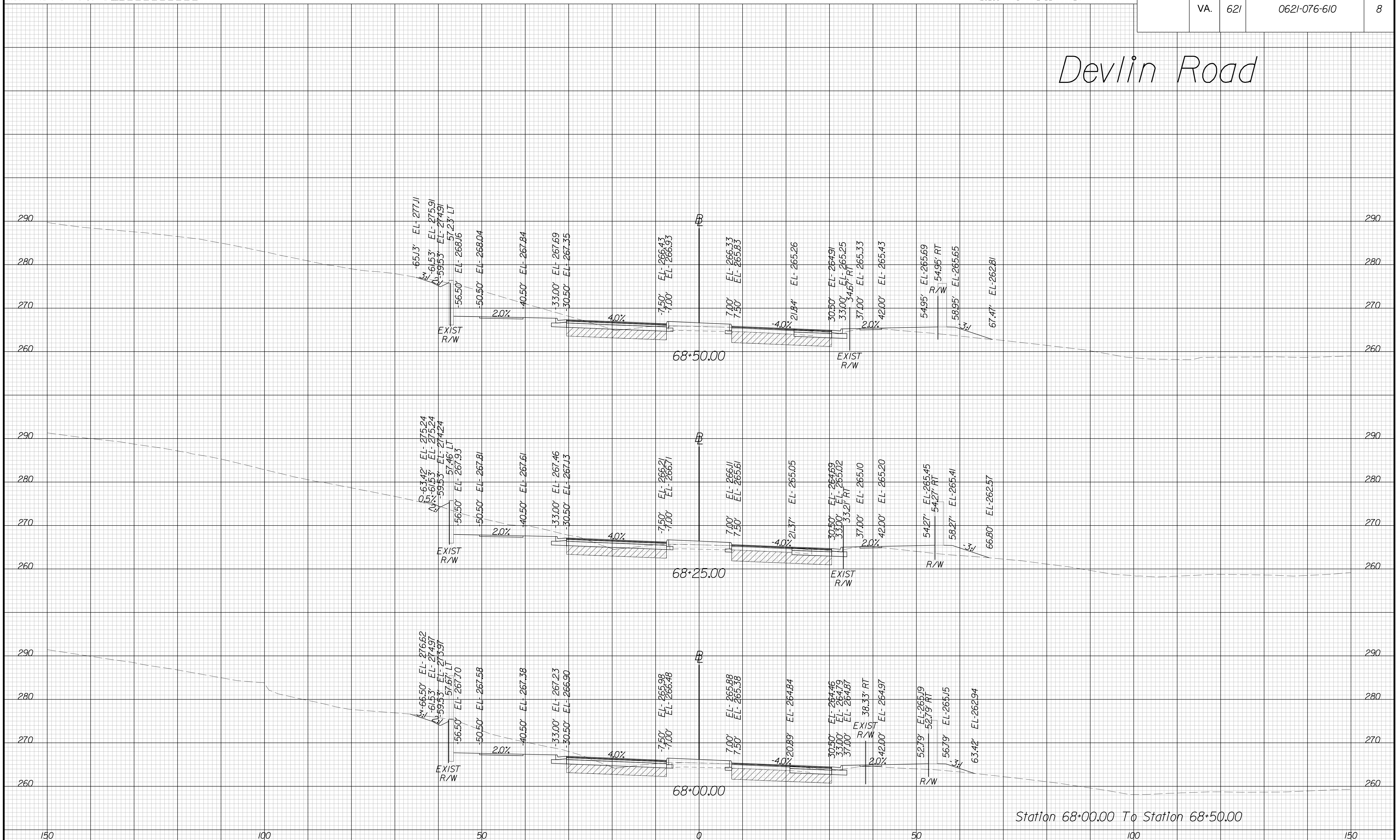
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SCALE 1 IN. = 10 FT

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

Devlin Road



Station 68+00.00 To Station 68+50.00

PROJECT	SHEET NO.
0621-076-610	8

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

VE PLANS

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DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

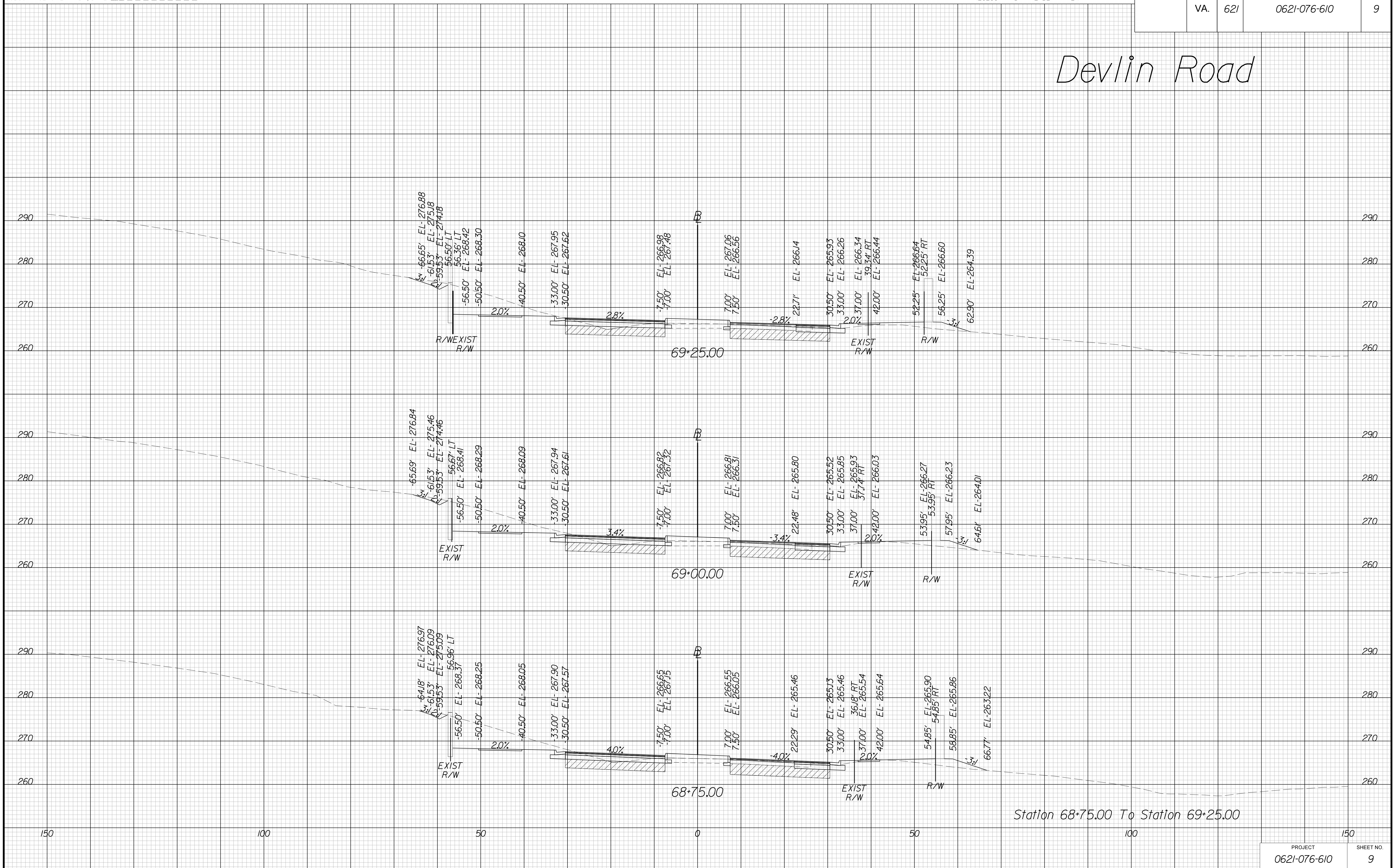
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DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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

Devlin Road



Station 68+75.00 To Station 69+25.00

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VE PLANS

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DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

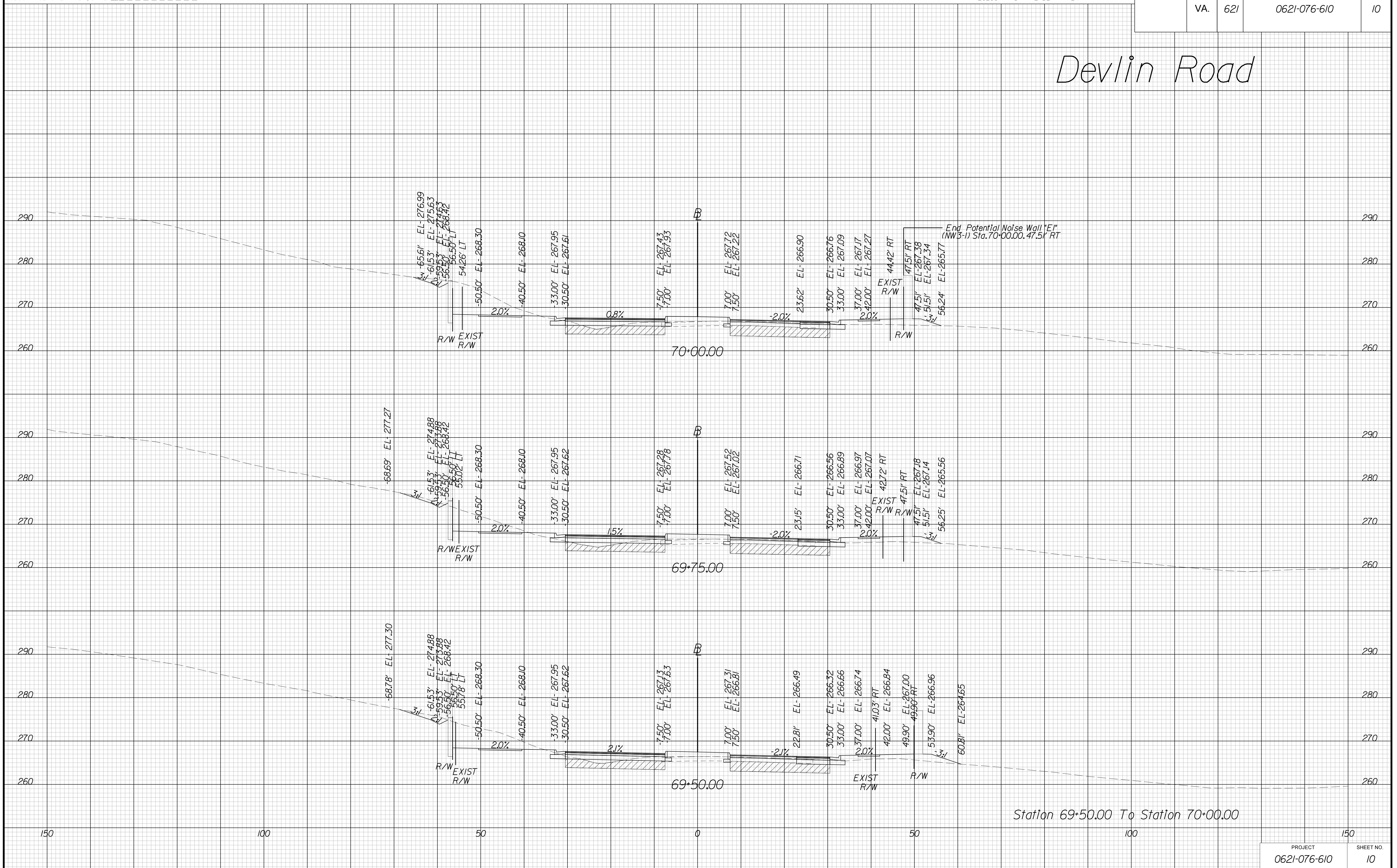
CROSS SECTIONS

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

Devlin Road



Station 69+50.00 To Station 70+00.00

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VE PLANS

PROJECT MANAGER WWW
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DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

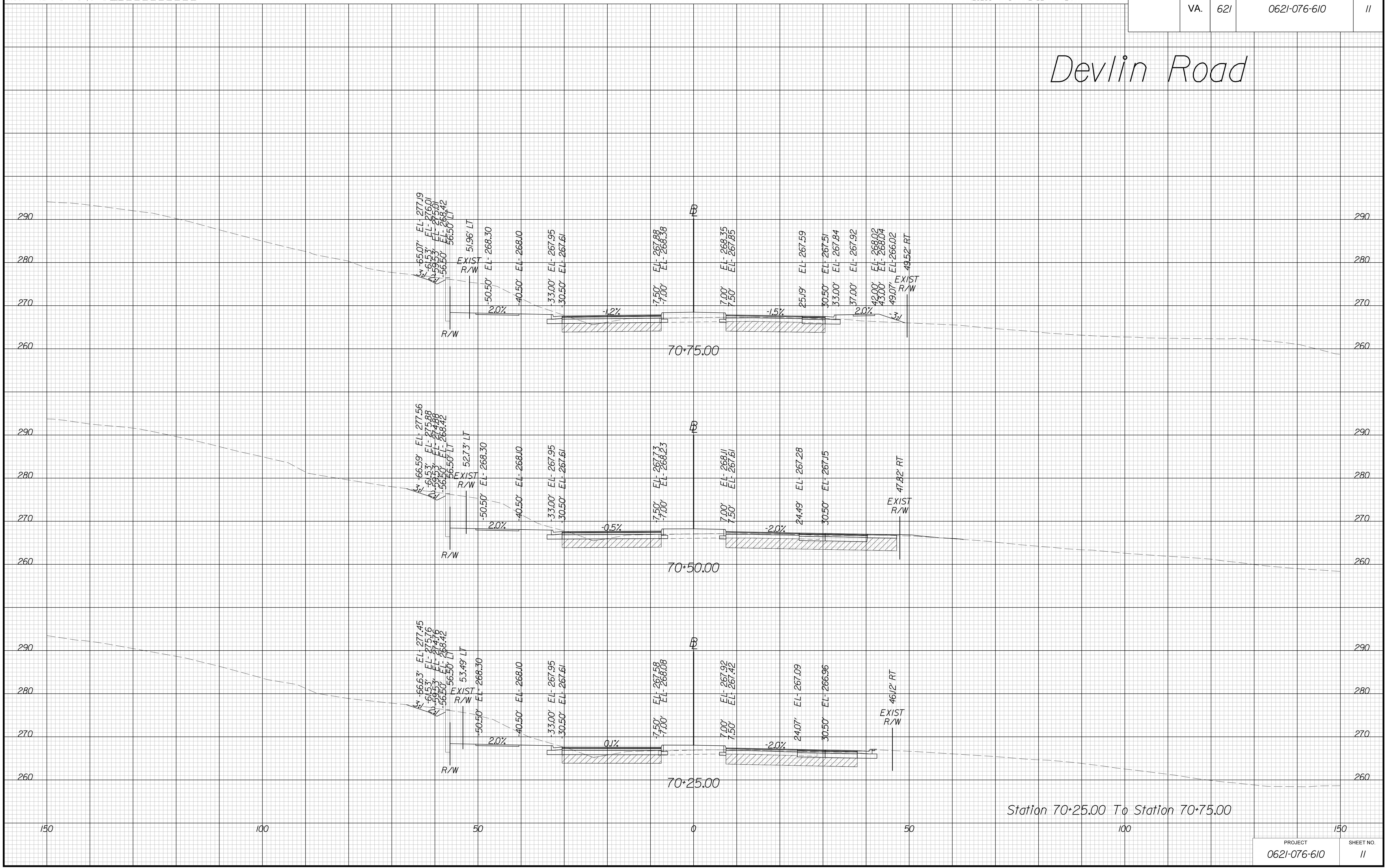
CROSS SECTIONS

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

Devlin Road



Station 70+25.00 To Station 70+75.00

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

VE PLANS

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

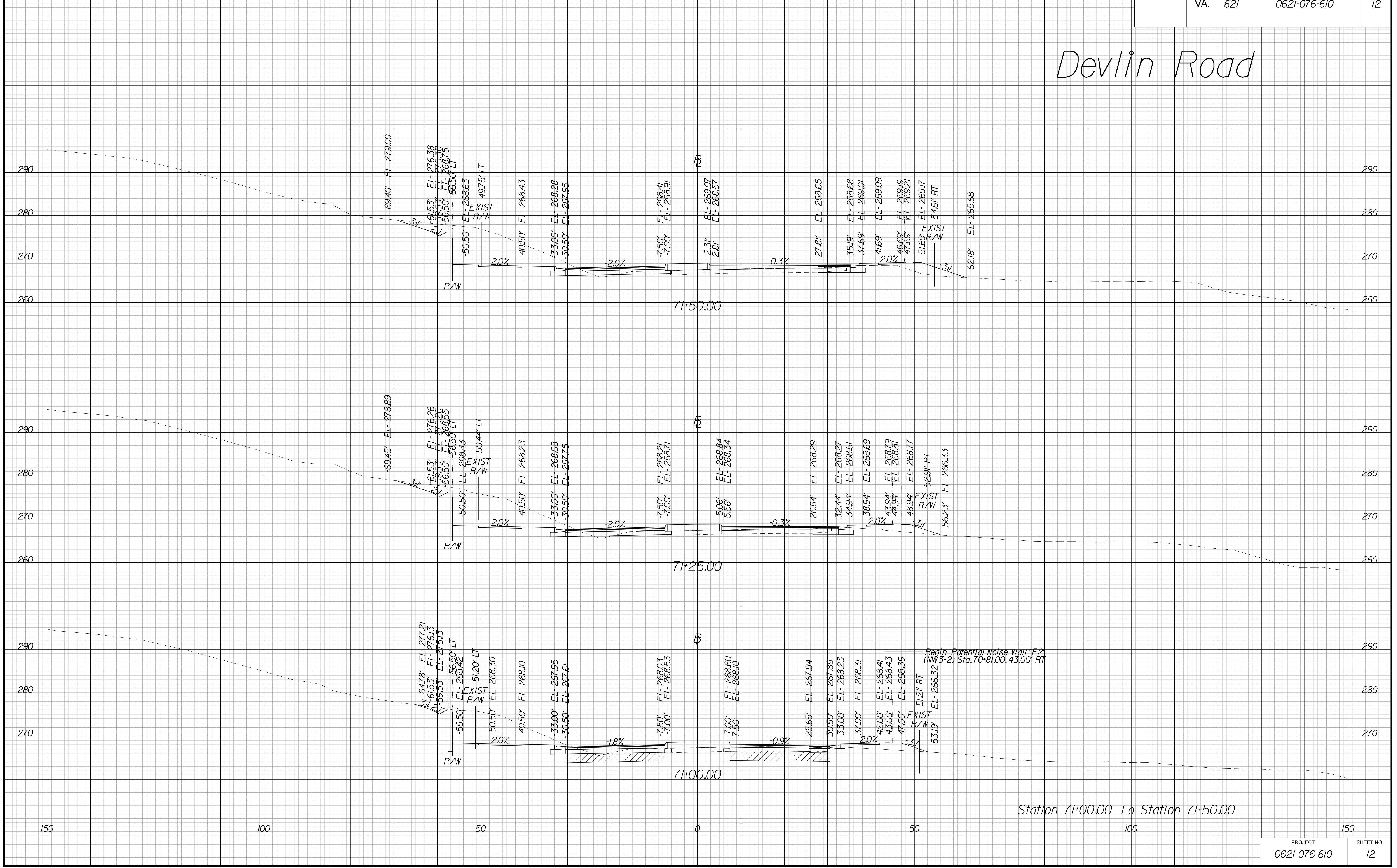
CROSS SECTIONS

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

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

Devlin Road



Station 71+00.00 To Station 71+50.00

PROJECT	SHEET NO.
0621-076-610	12

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VE PLANS

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SUBSURFACE UTILITY BY, DATE ZZZ

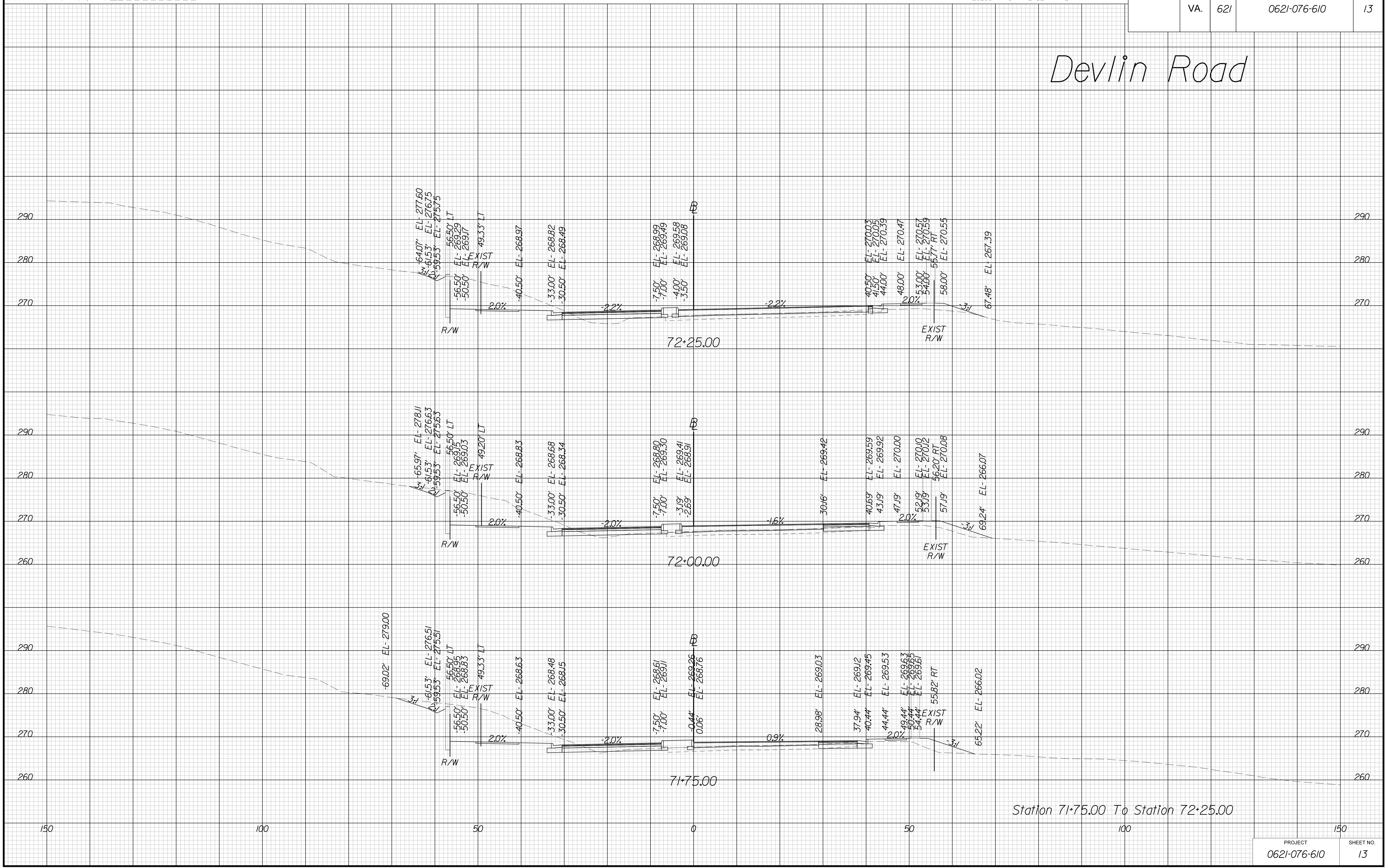
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DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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

Devlin Road



Station 71+75.00 To Station 72+25.00

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VE PLANS

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DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

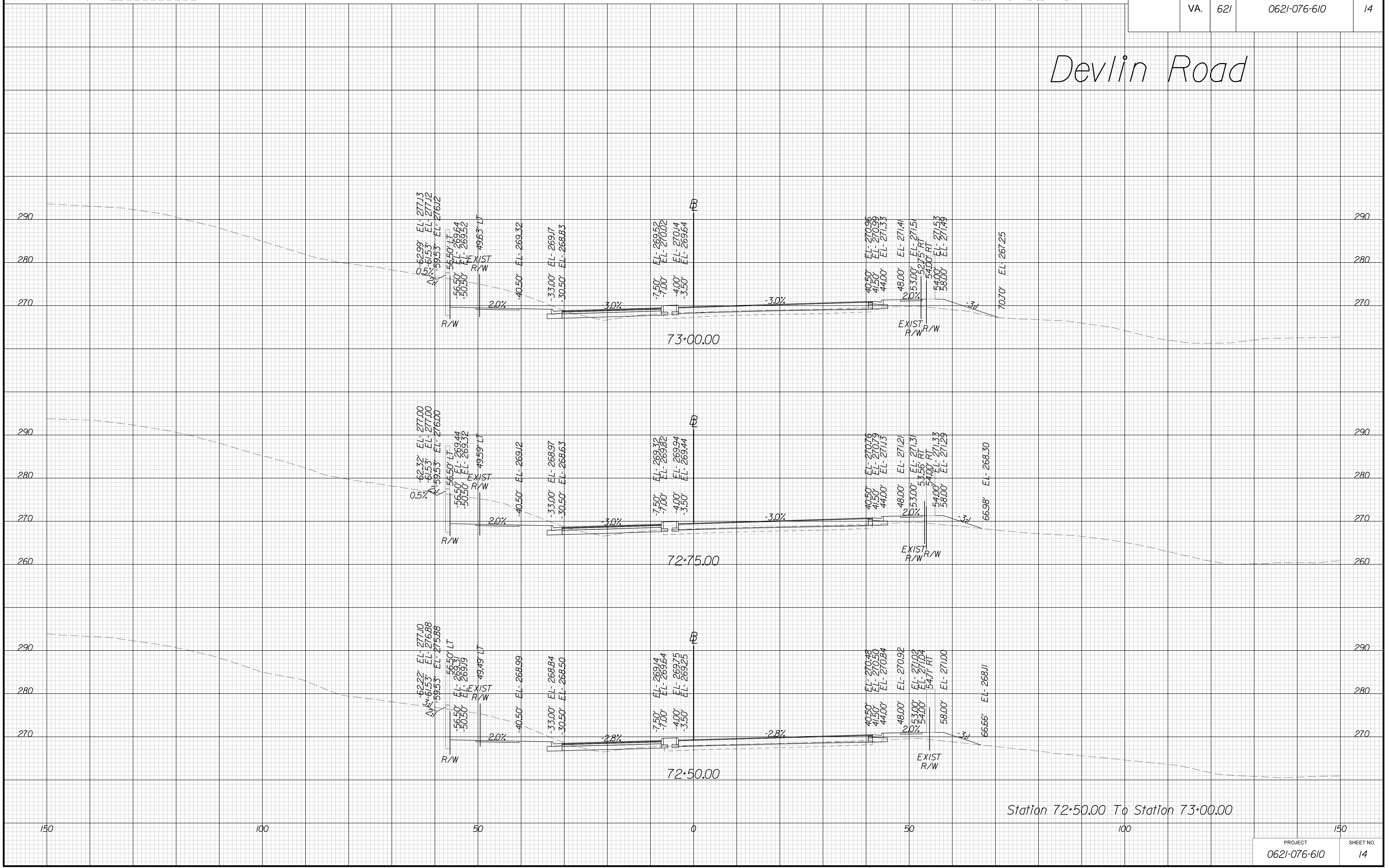
CROSS SECTIONS

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

Devlin Road



Station 72+50.00 To Station 73+00.00

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VE PLANS

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

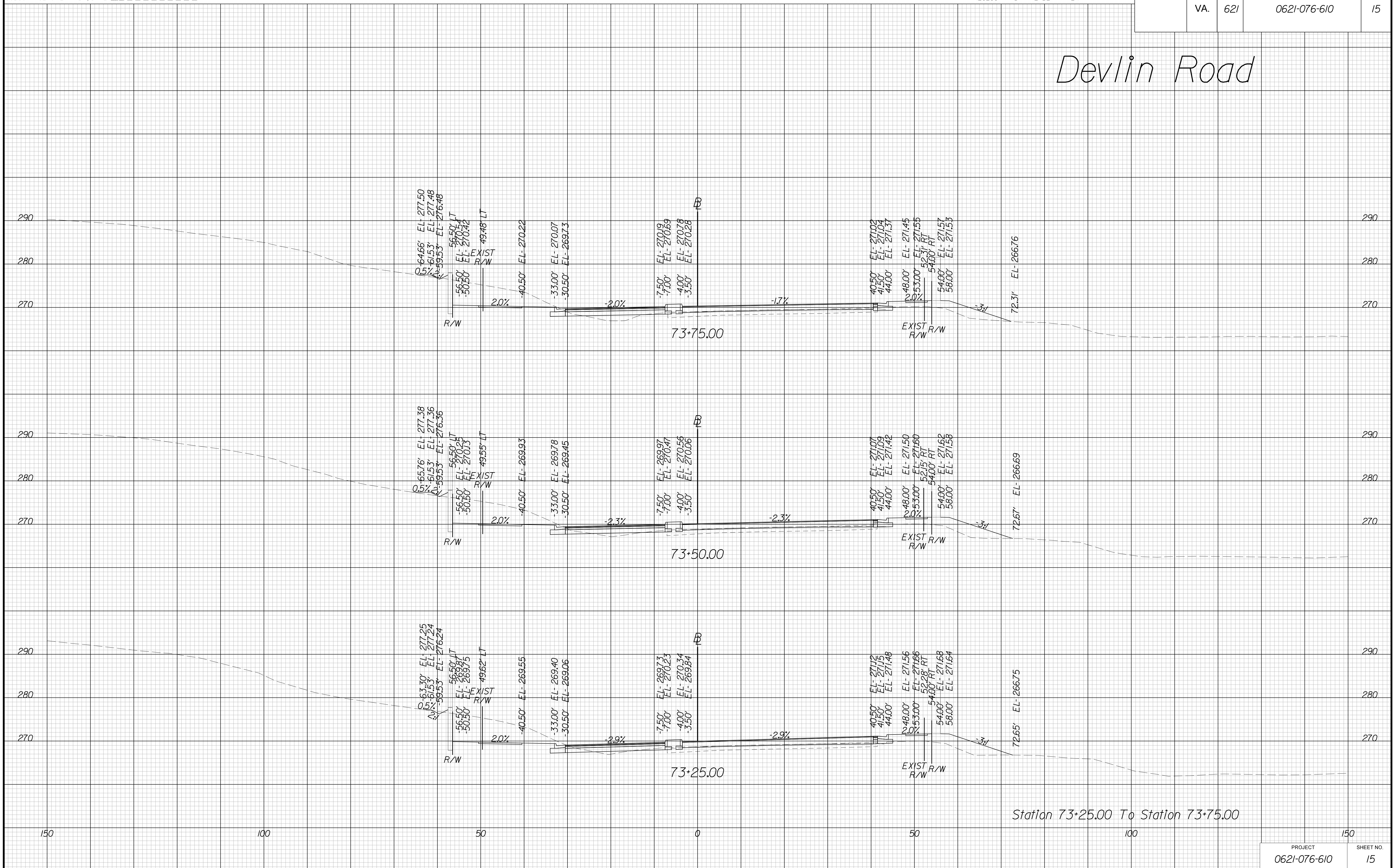
CROSS SECTIONS

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

Devlin Road



Station 73+25.00 To Station 73+75.00

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VE PLANS

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

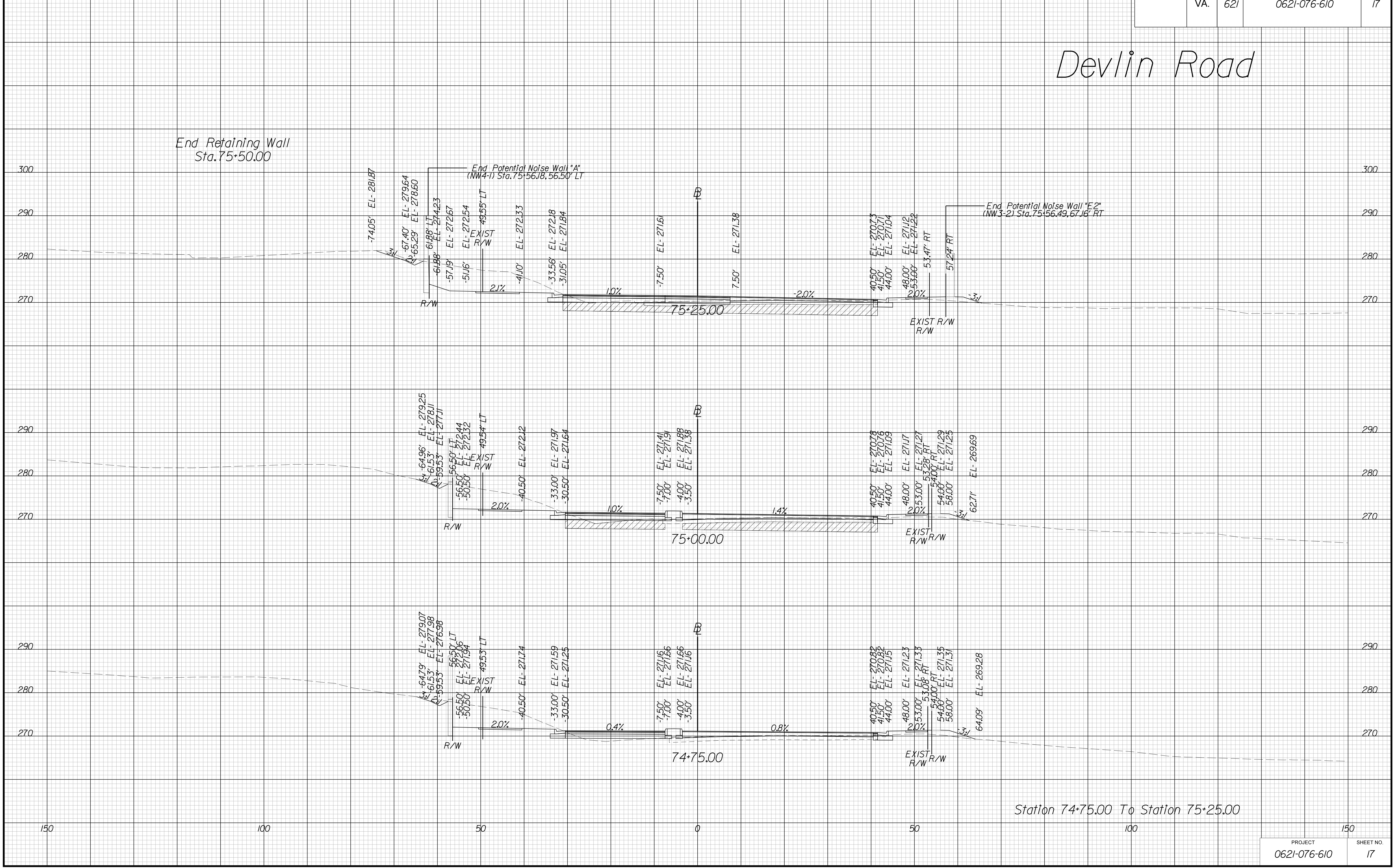
CROSS SECTIONS

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

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

Devlin Road



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VE PLANS

PROJECT MANAGER WWW
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SUBSURFACE UTILITY BY, DATE ZZZ

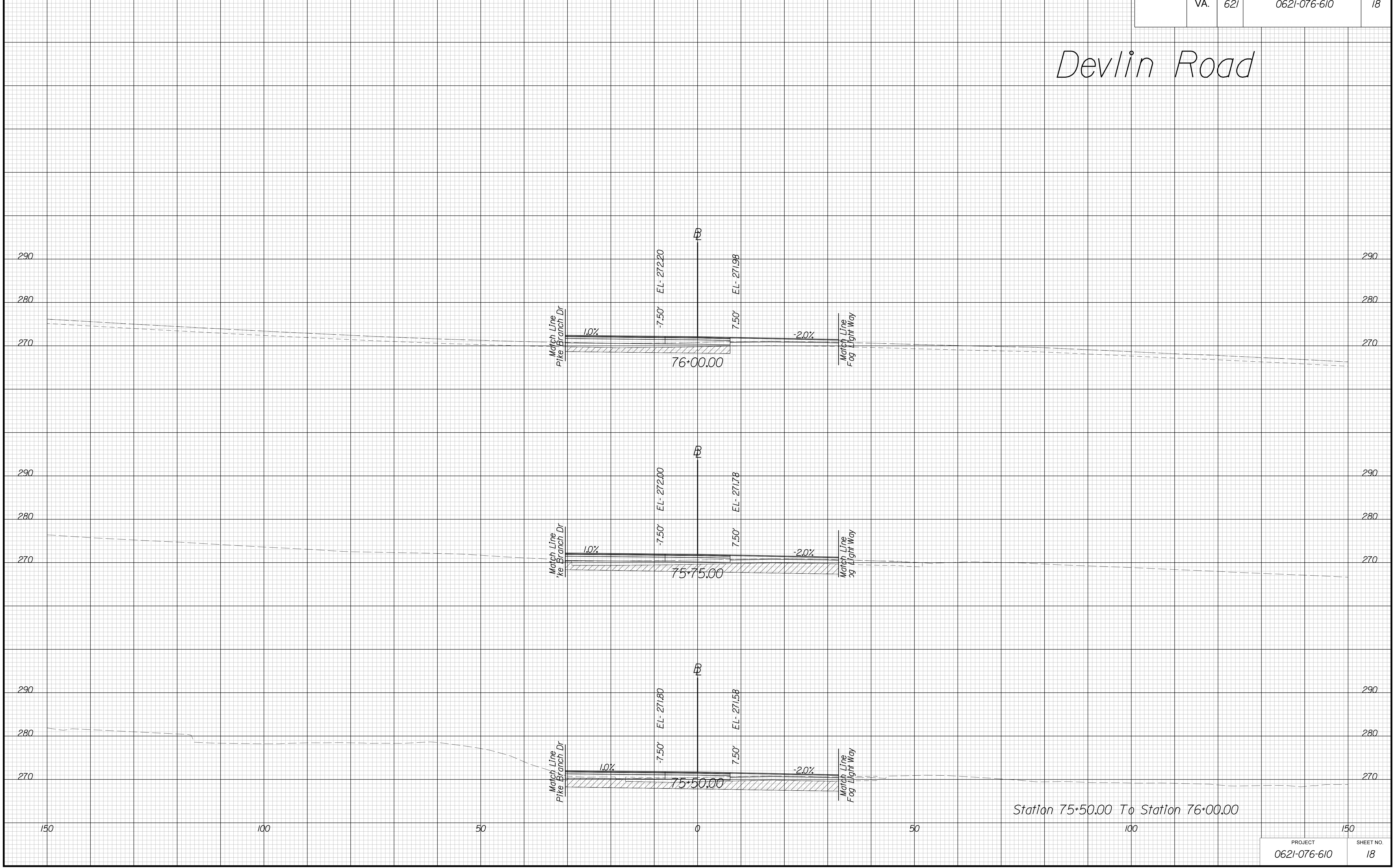
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	18

Devlin Road



Station 75+50.00 To Station 76+00.00

PROJECT	SHEET NO.
0621-076-610	18

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VE PLANS

PROJECT MANAGER WWW
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DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

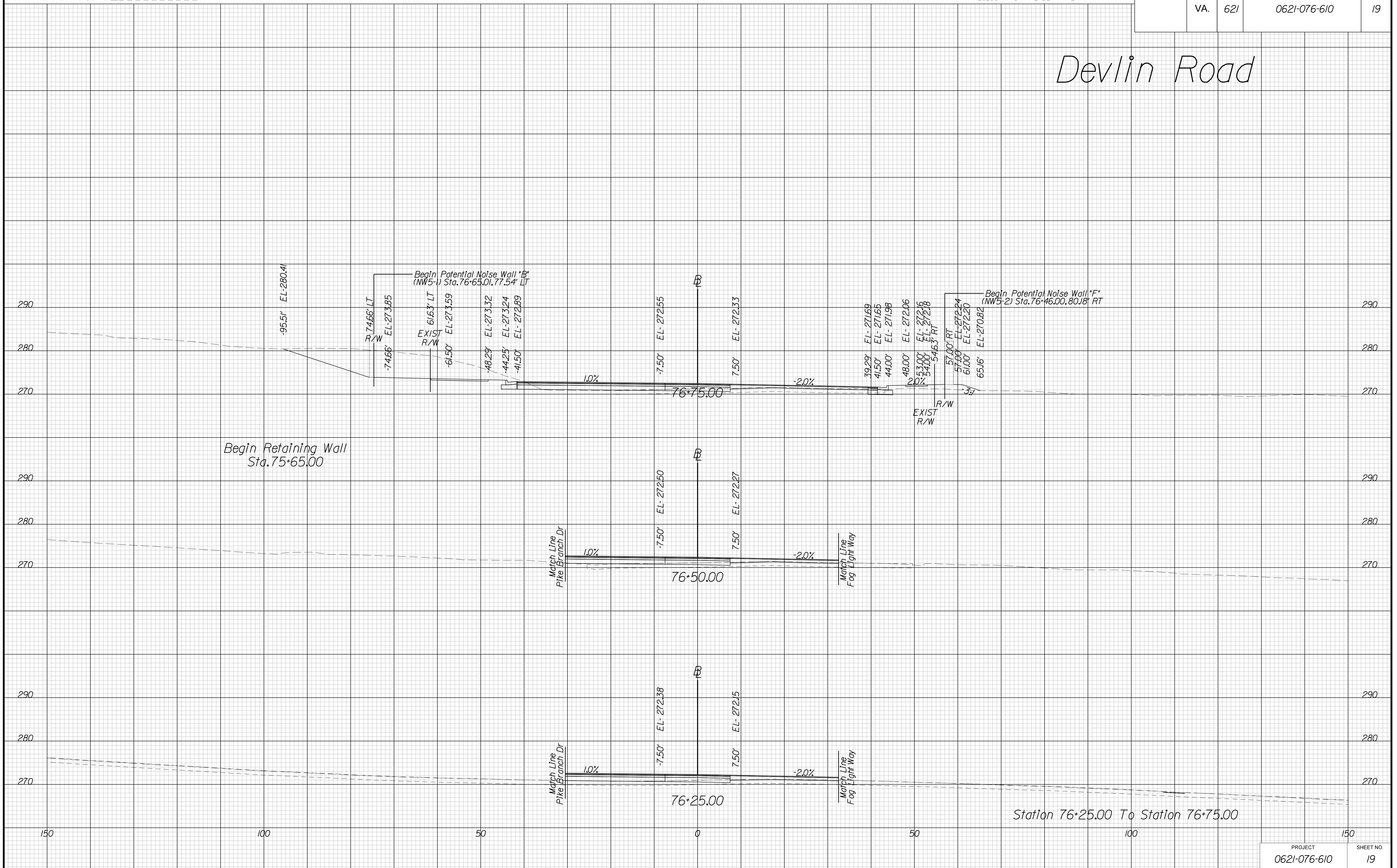
CROSS SECTIONS

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

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

Devlin Road



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VE PLANS

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

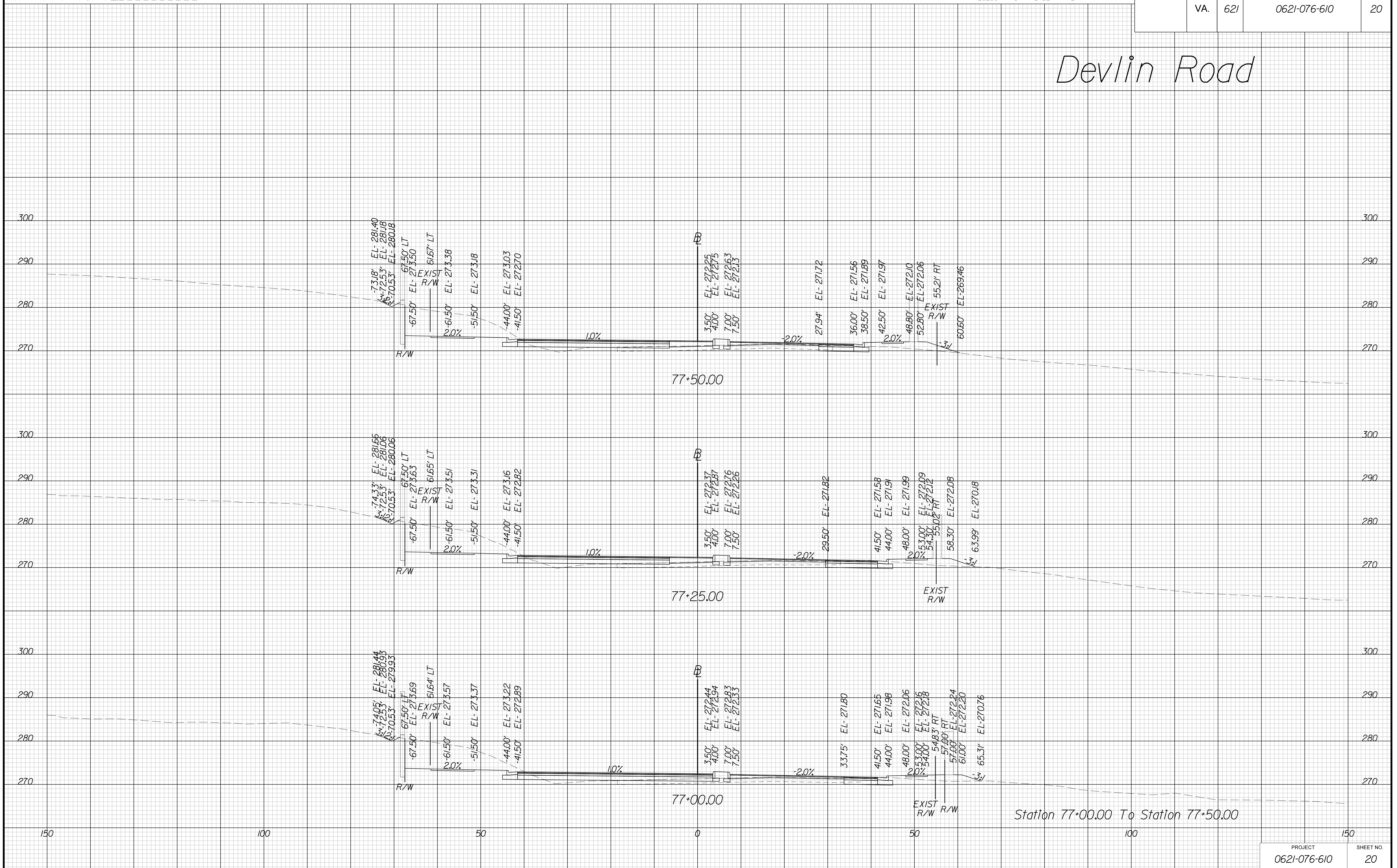
CROSS SECTIONS

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

Devlin Road



Station 77+00.00 To Station 77+50.00

PROJECT	SHEET NO.
0621-076-610	20

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

VE PLANS

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

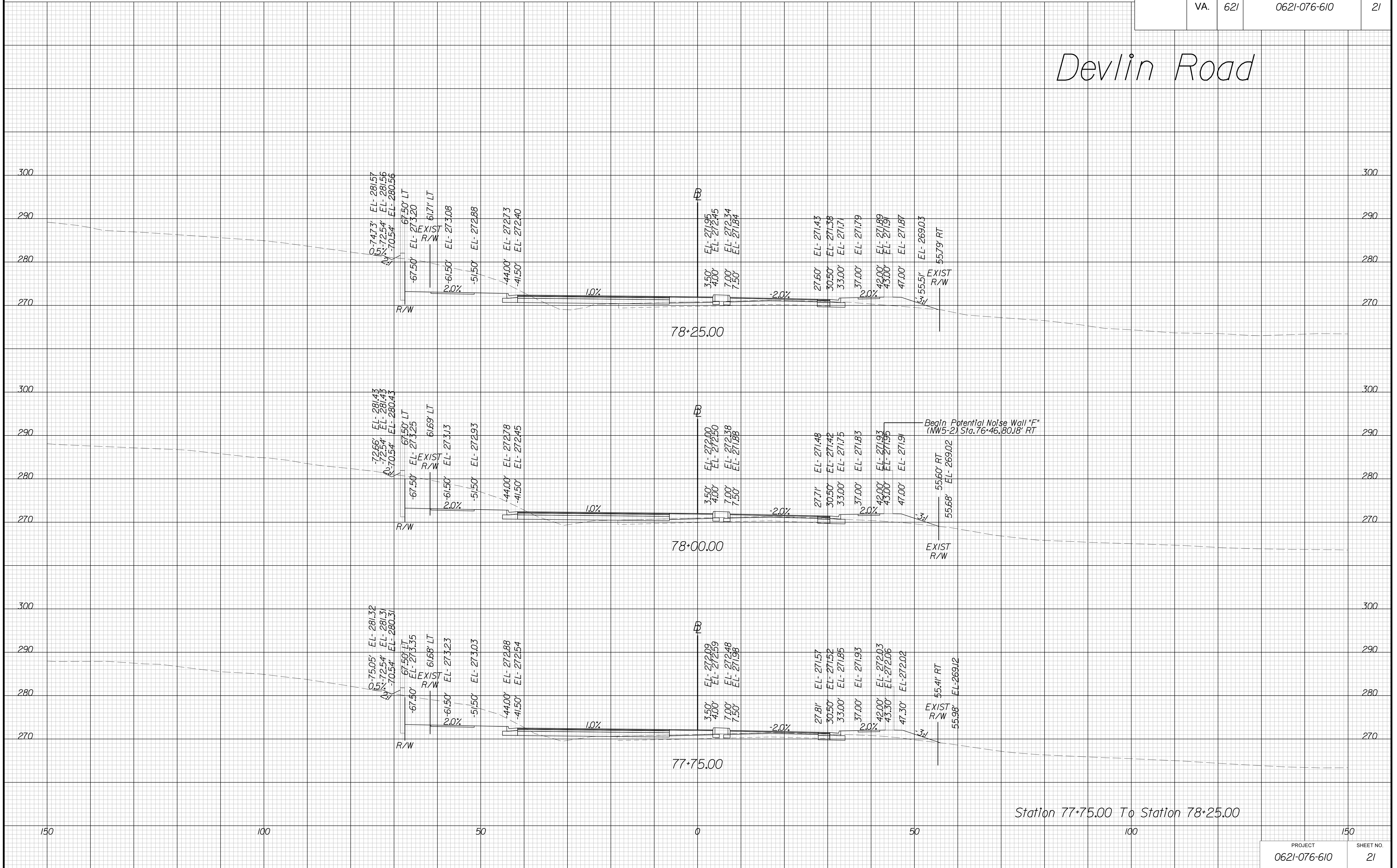
CROSS SECTIONS

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

Devlin Road



Station 77+75.00 To Station 78+25.00

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

VE PLANS

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

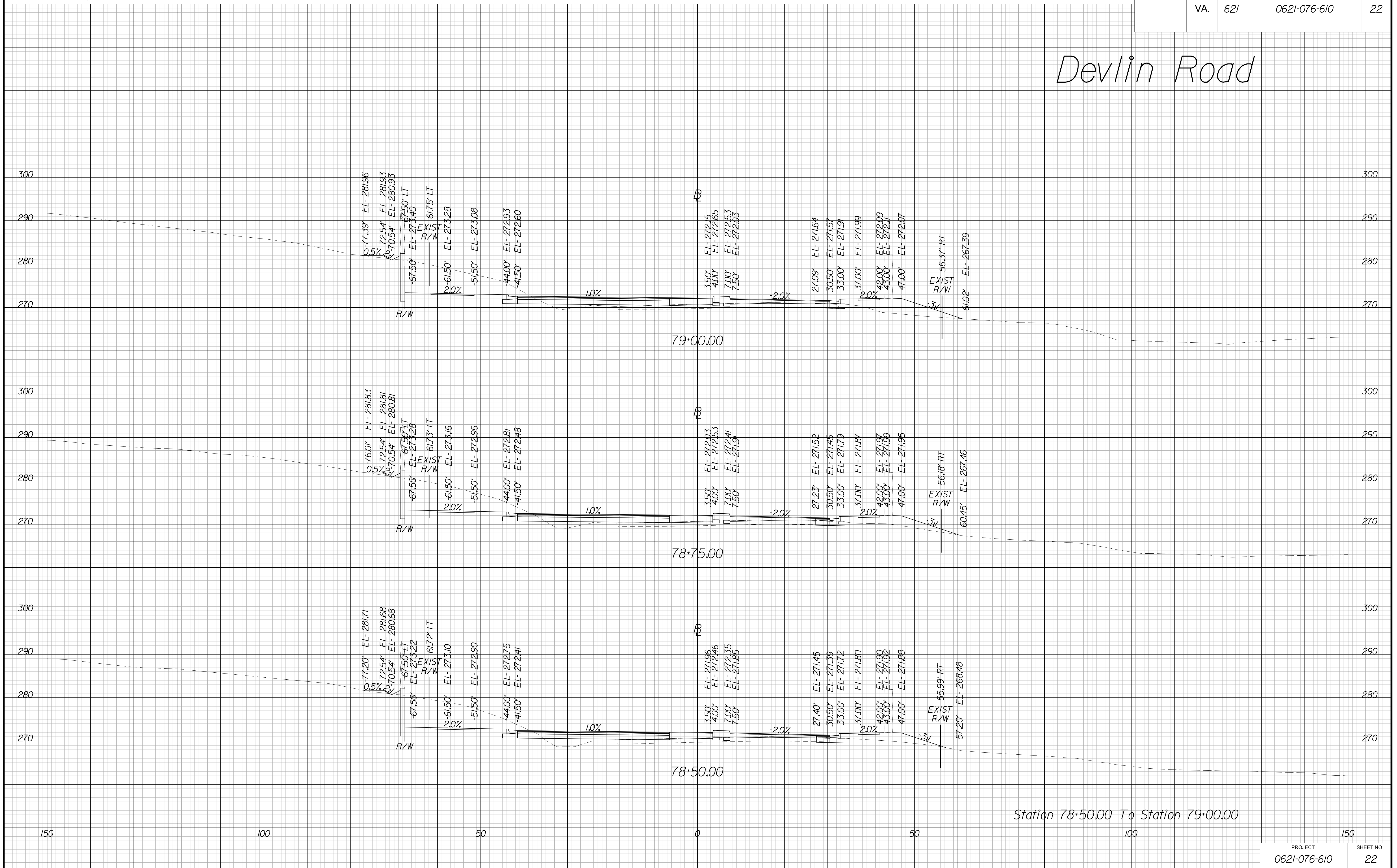
CROSS SECTIONS

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

Devlin Road



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

VE PLANS

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

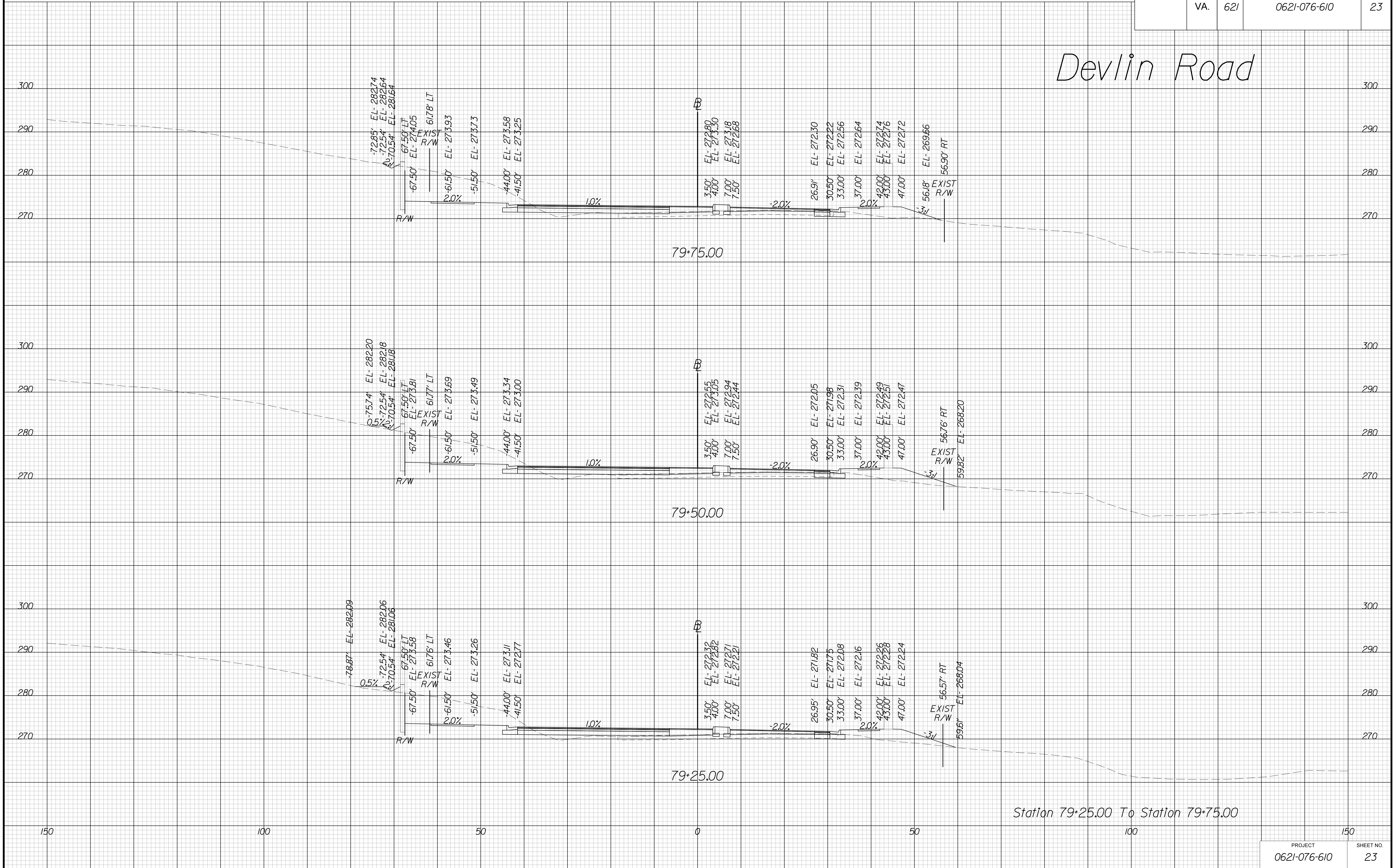
CROSS SECTIONS

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

Devlin Road



Station 79+25.00 To Station 79+75.00

PROJECT	SHEET NO.
0621-076-610	23

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

VE PLANS

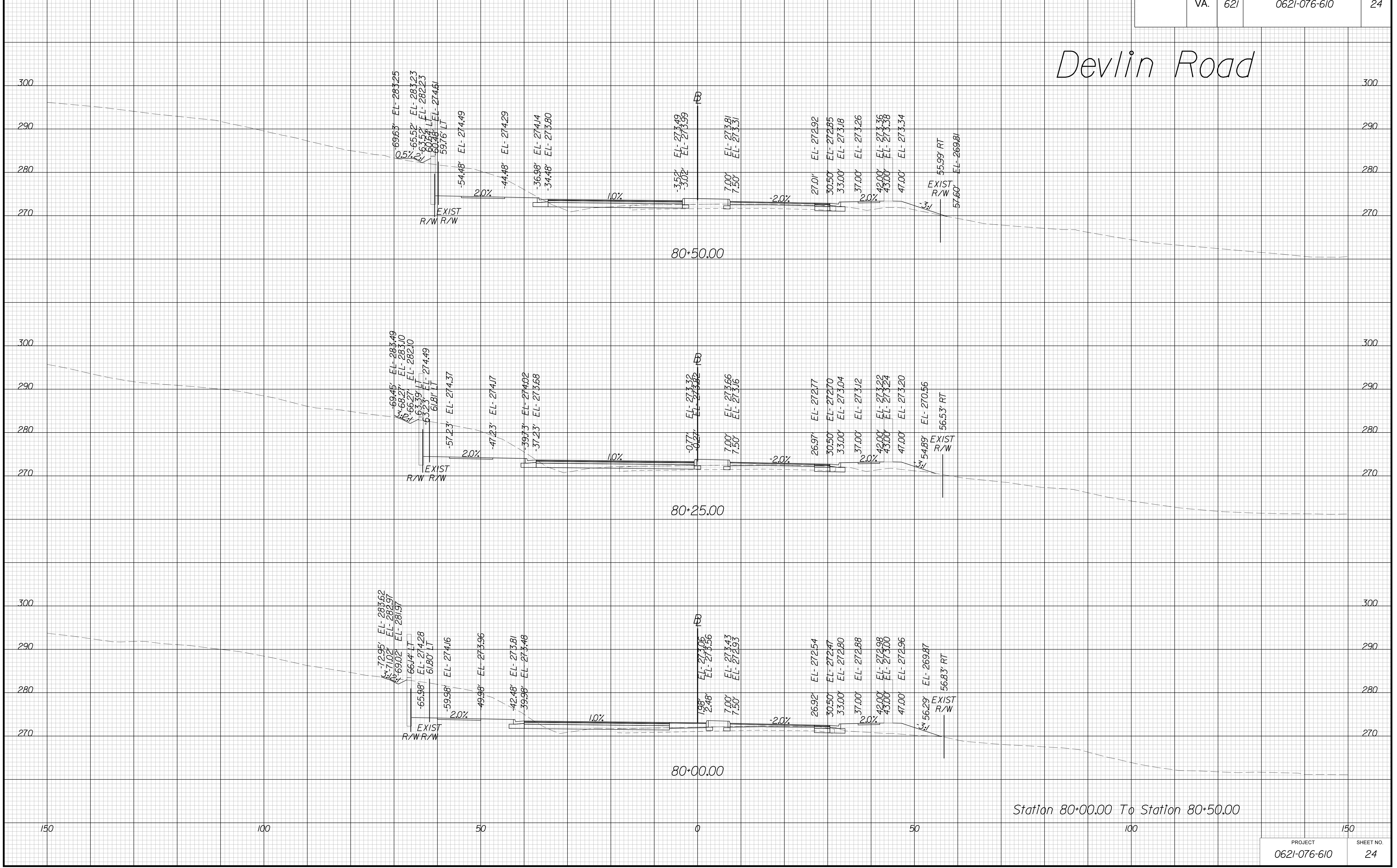
PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

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



Devlin Road

Station 80+00.00 To Station 80+50.00

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

VE PLANS

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

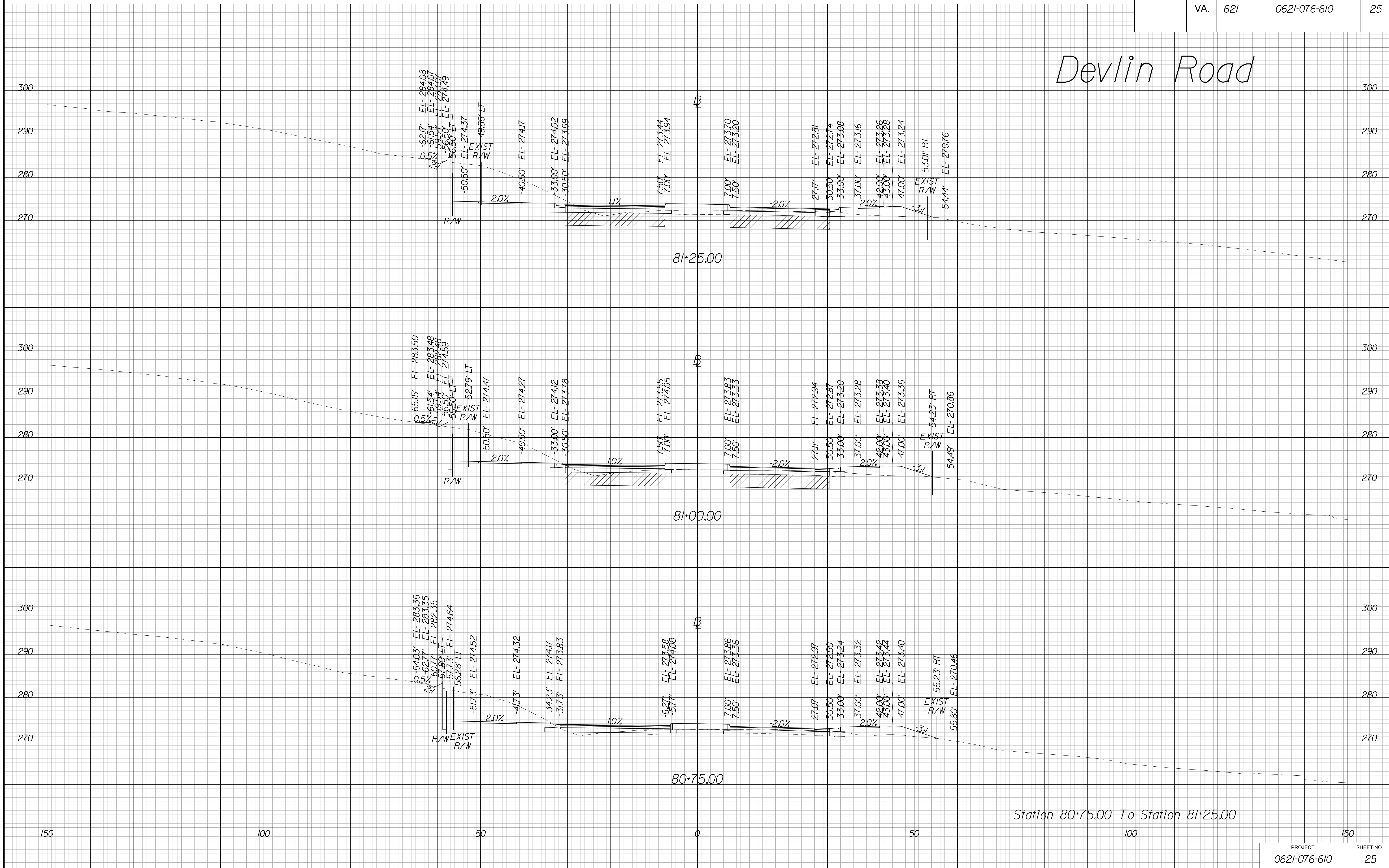
CROSS SECTIONS

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

Devlin Road



Station 80+75.00 To Station 81+25.00

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

VE PLANS

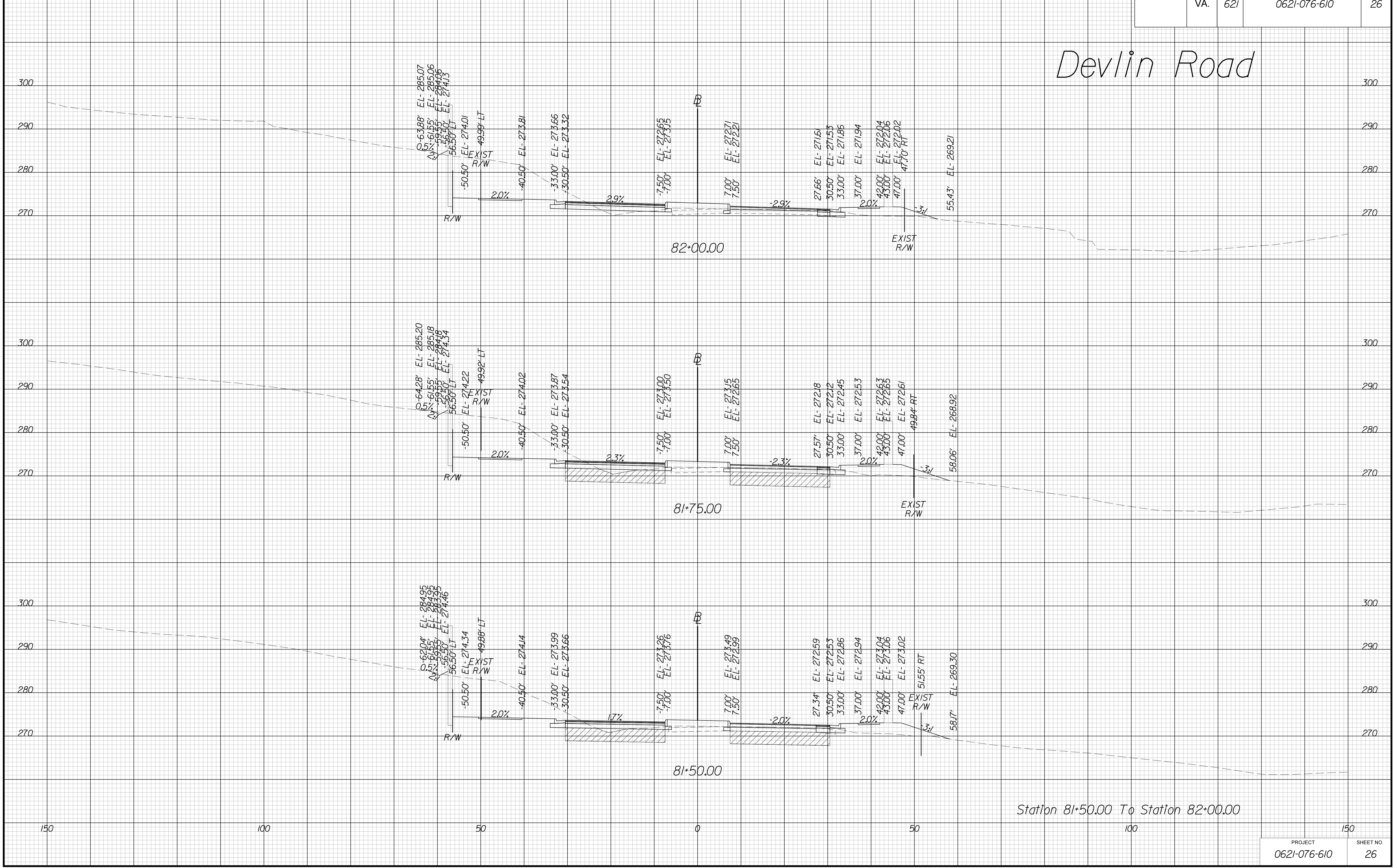
PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

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



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

VE PLANS

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

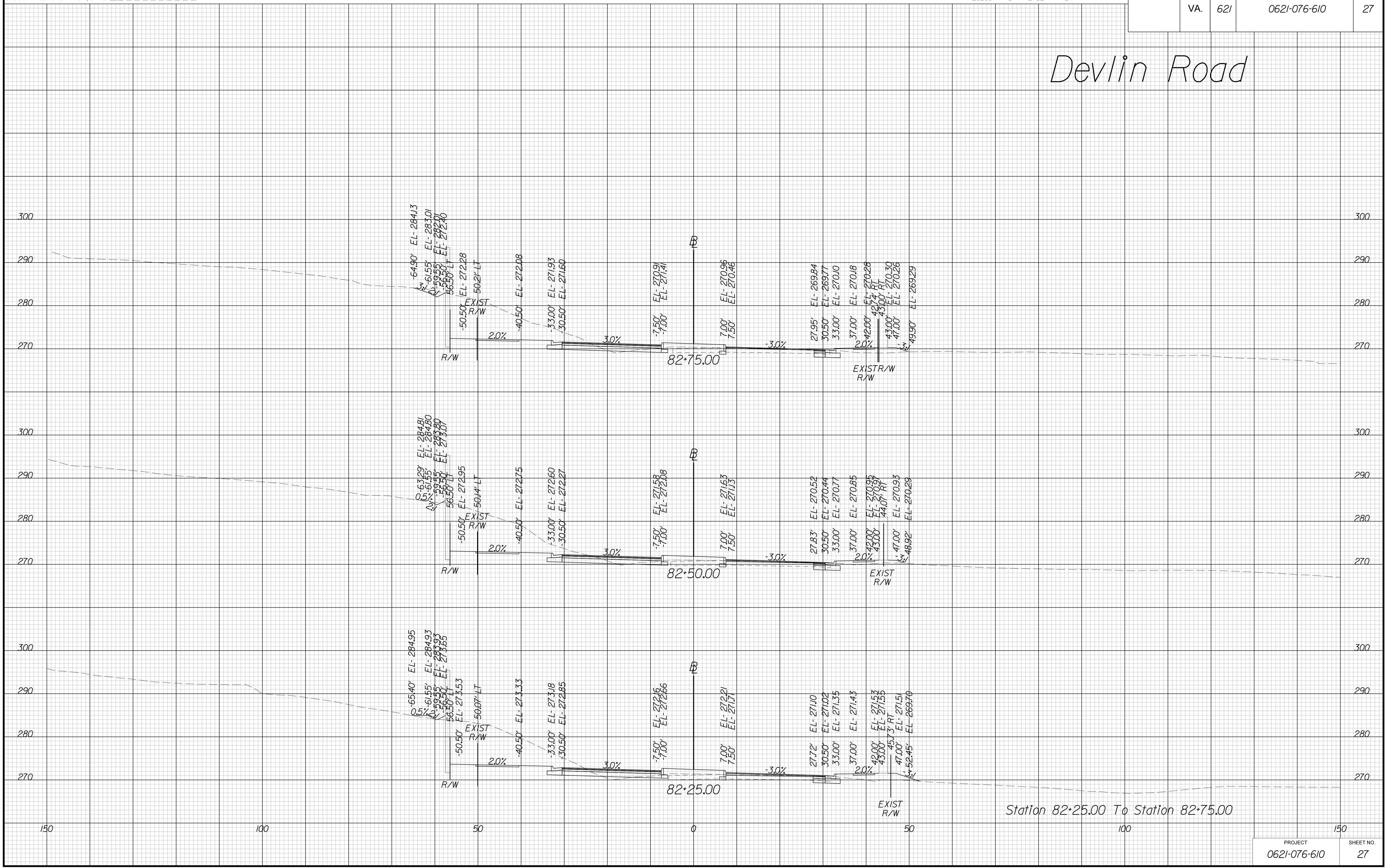
CROSS SECTIONS

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

Devlin Road



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

VE PLANS

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

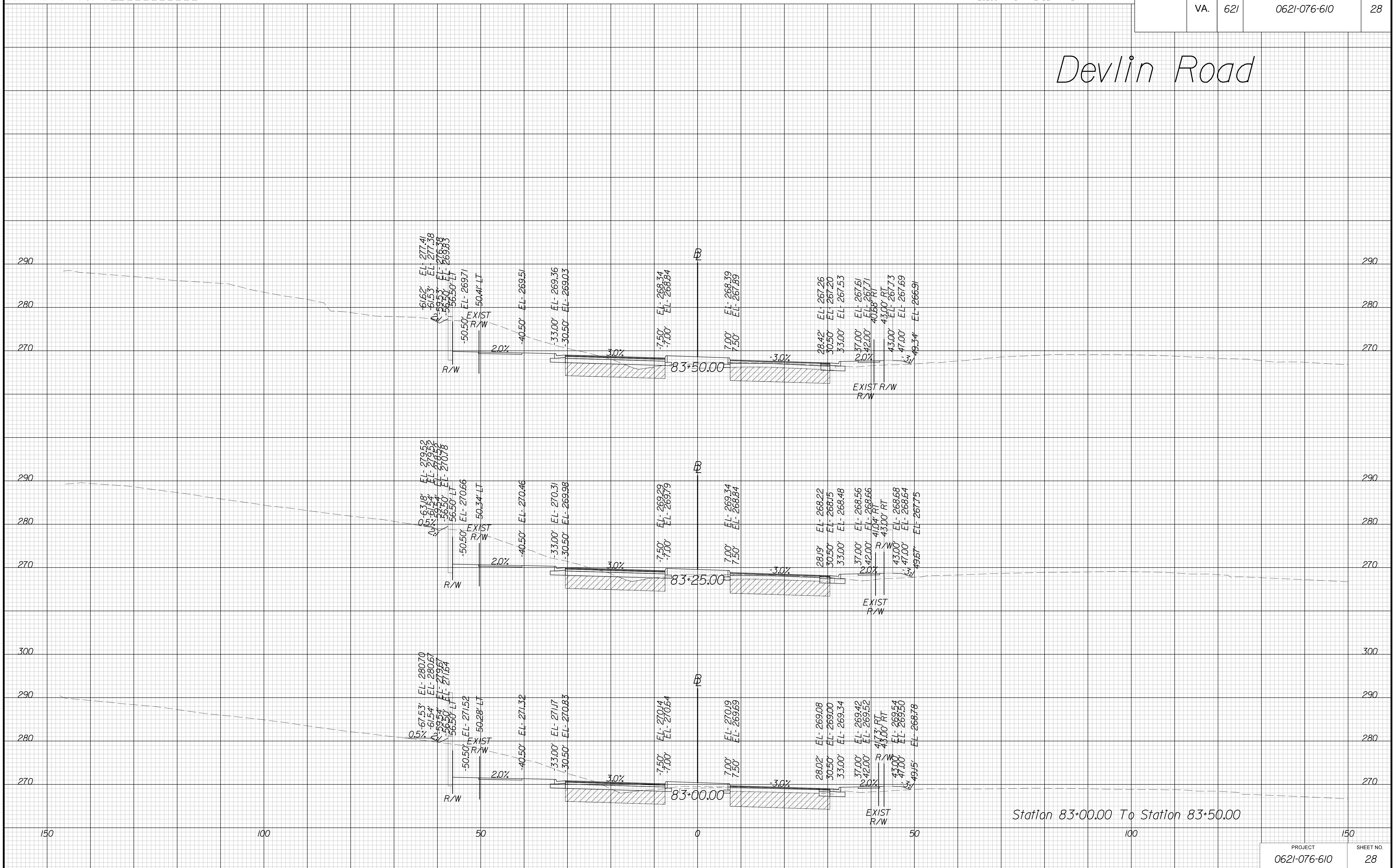
CROSS SECTIONS

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

Devlin Road



Station 83+00.00 To Station 83+50.00

PROJECT	SHEET NO.
0621-076-610	28

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

VE PLANS

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

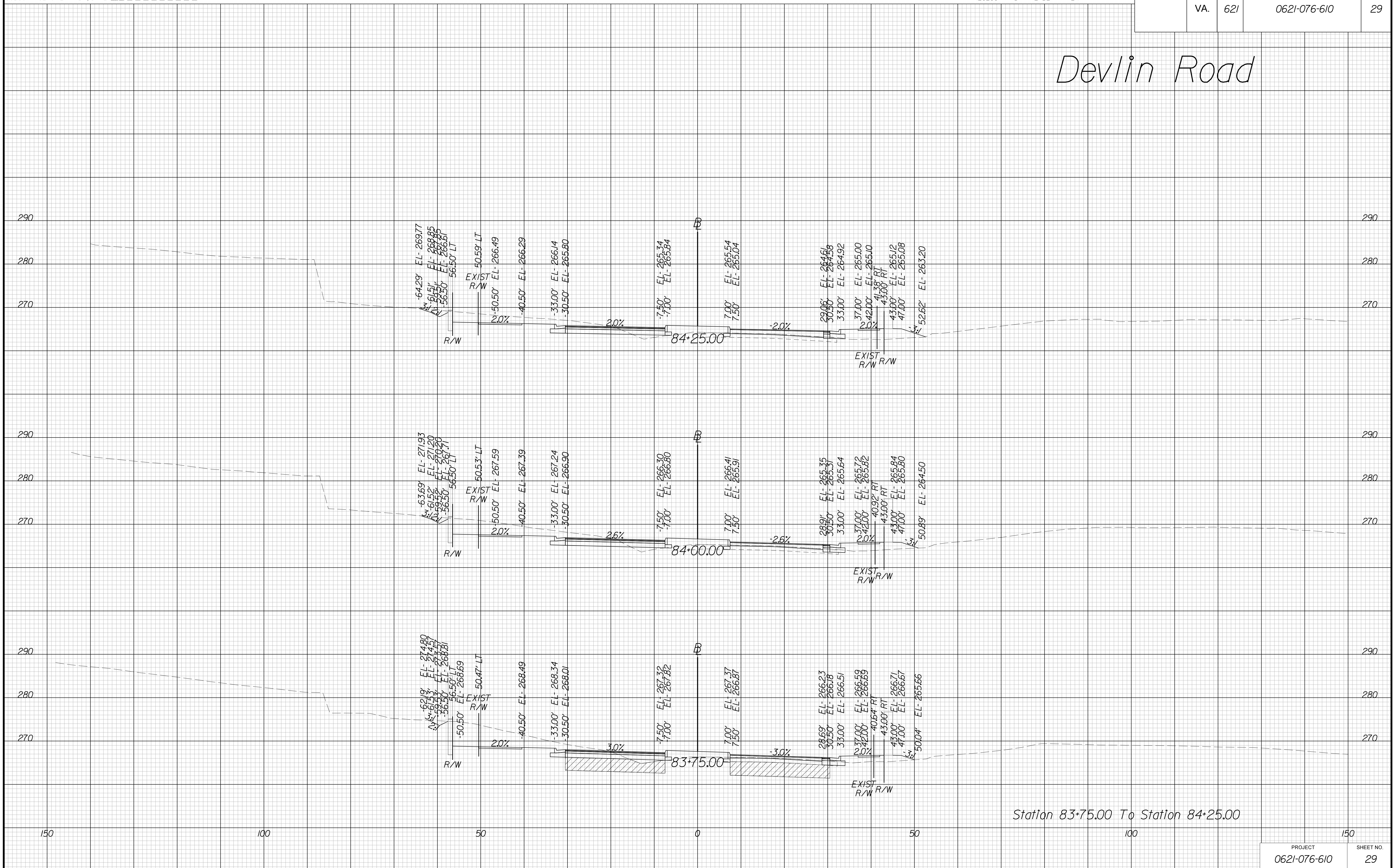
CROSS SECTIONS

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	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

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

VE PLANS

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

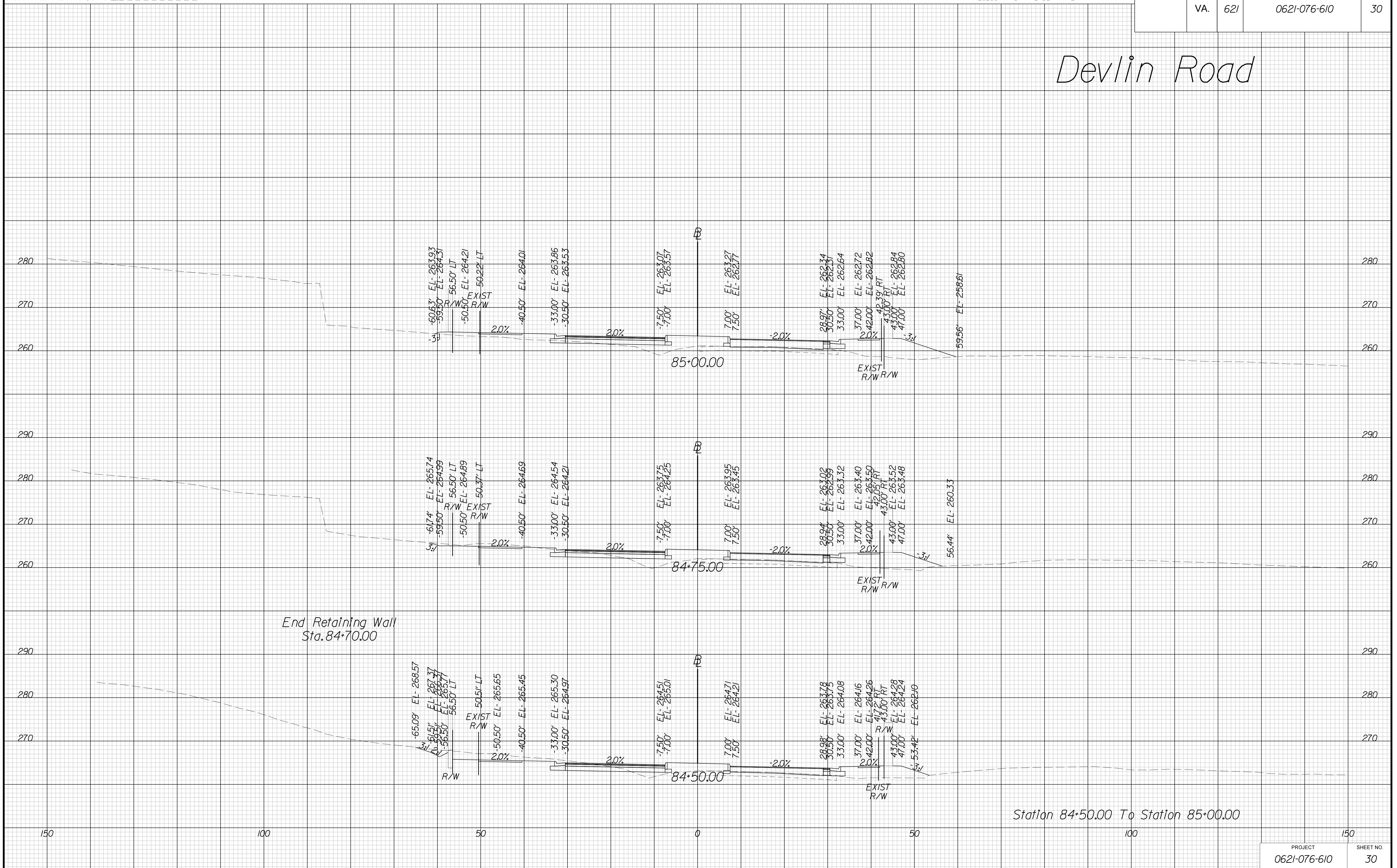
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	30

Devlin Road



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

VE PLANS

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

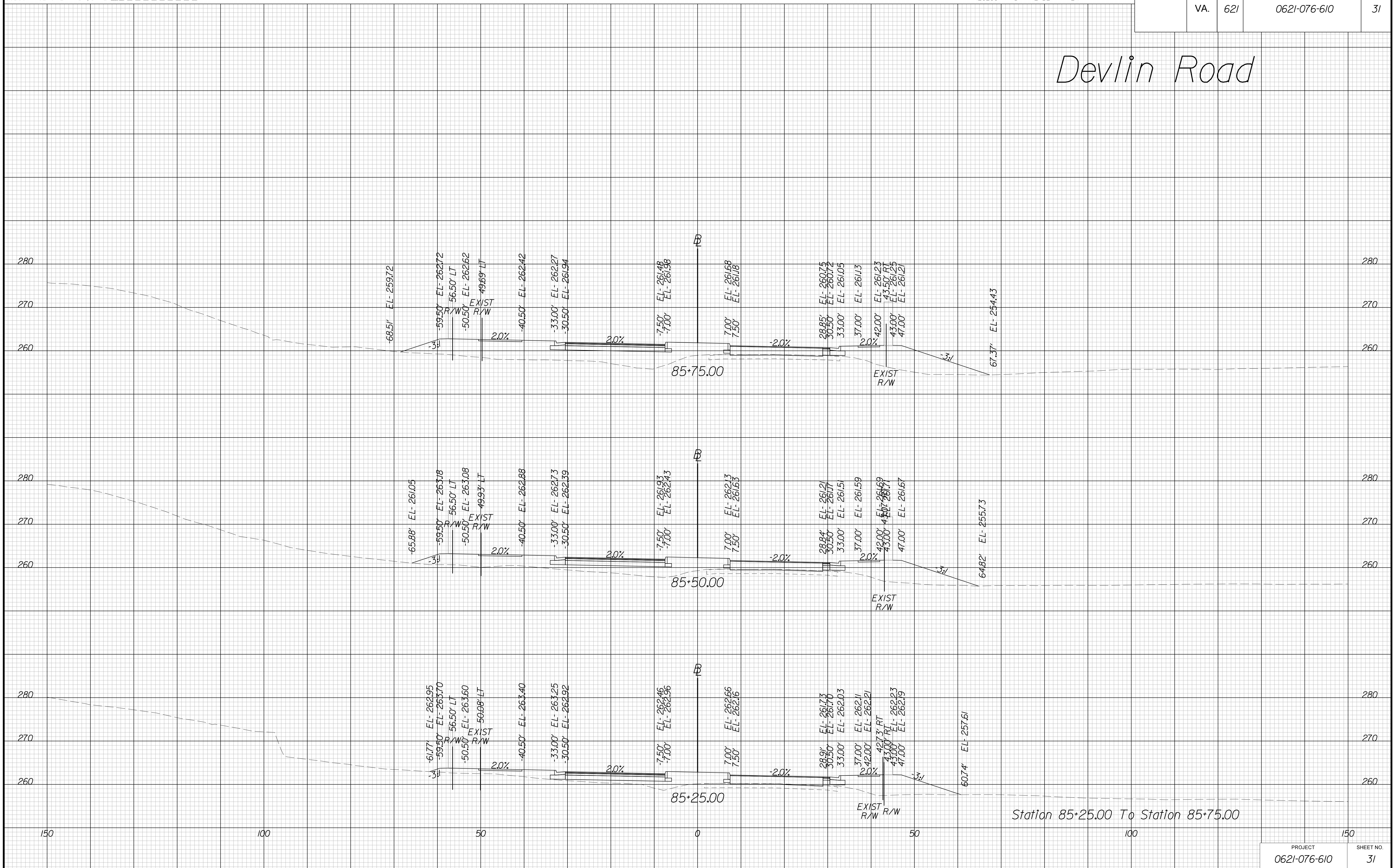
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	31

Devlin Road



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

VE PLANS

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

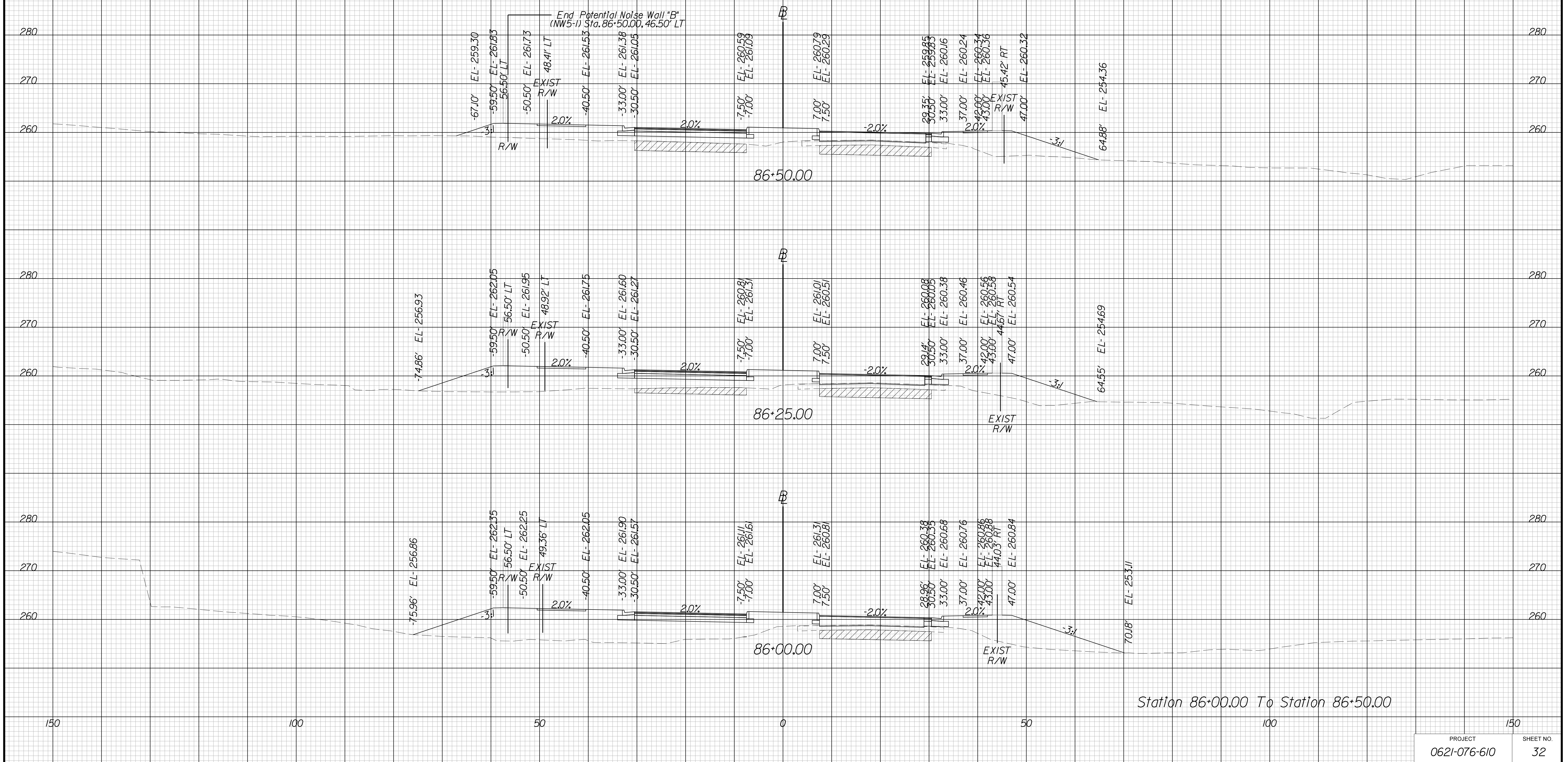
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	32

Devlin Road



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

VE PLANS

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

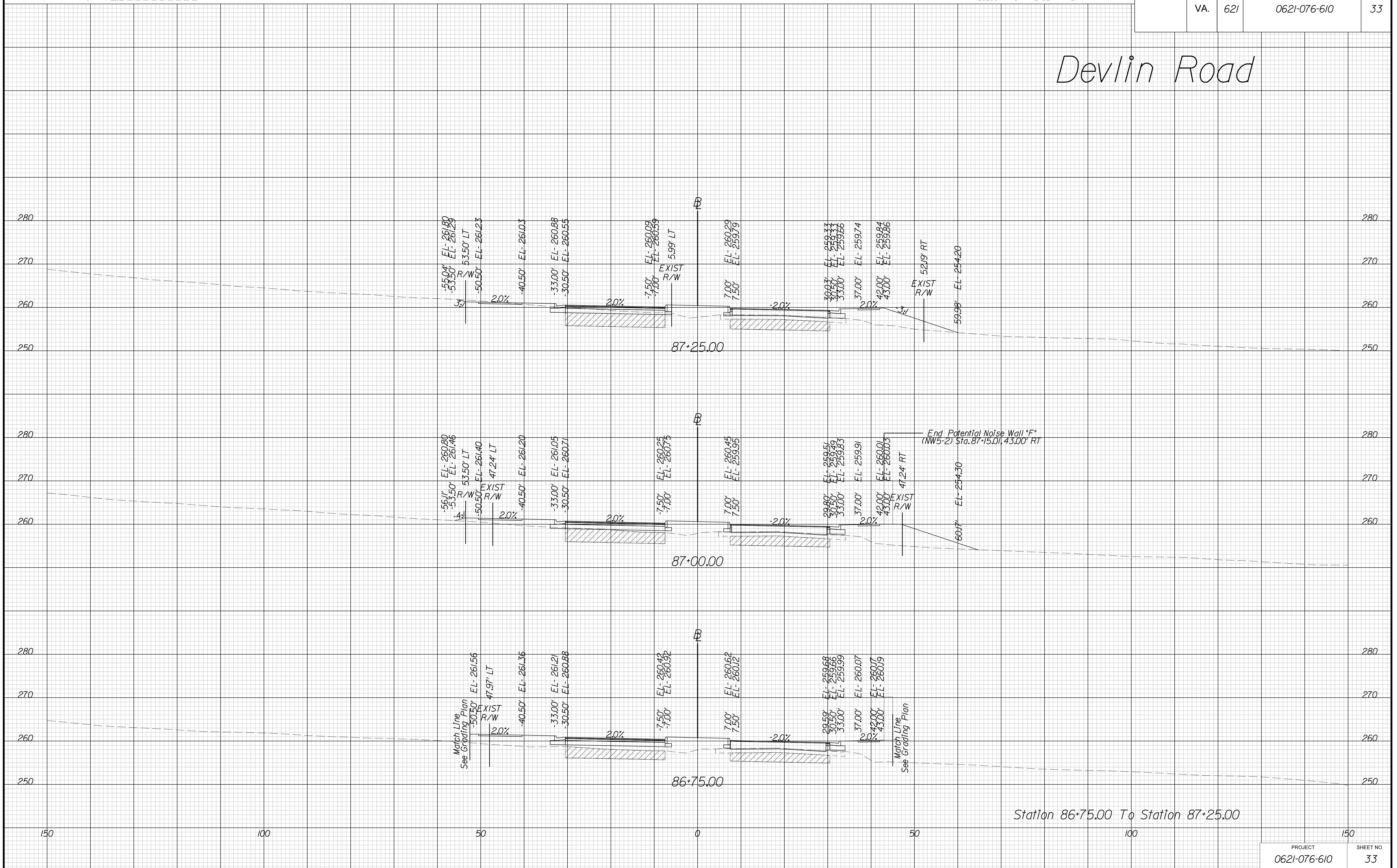
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	33

Devlin Road



Station 86+75.00 To Station 87+25.00

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

VE PLANS

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

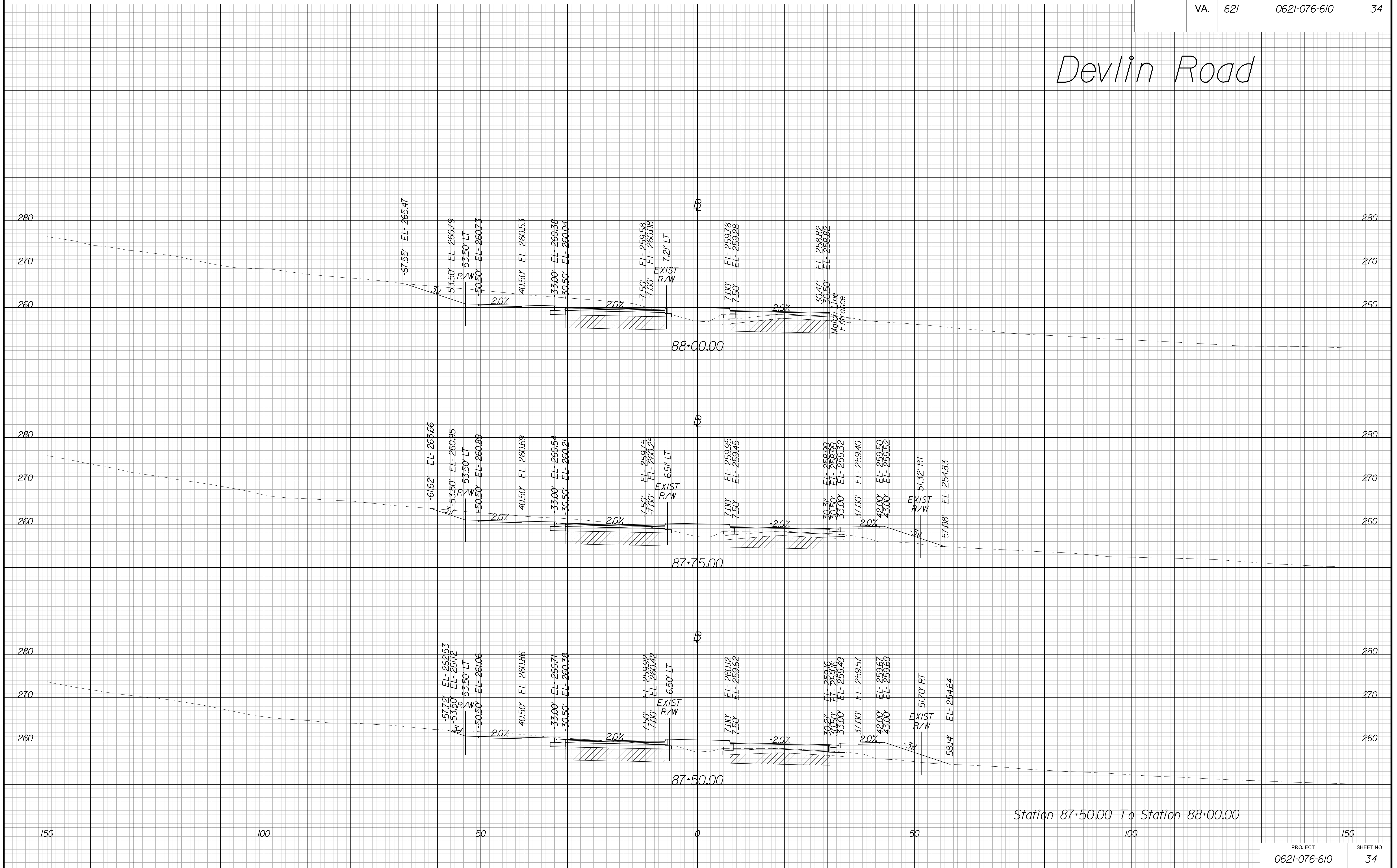
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	34

Devlin Road



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

VE PLANS

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

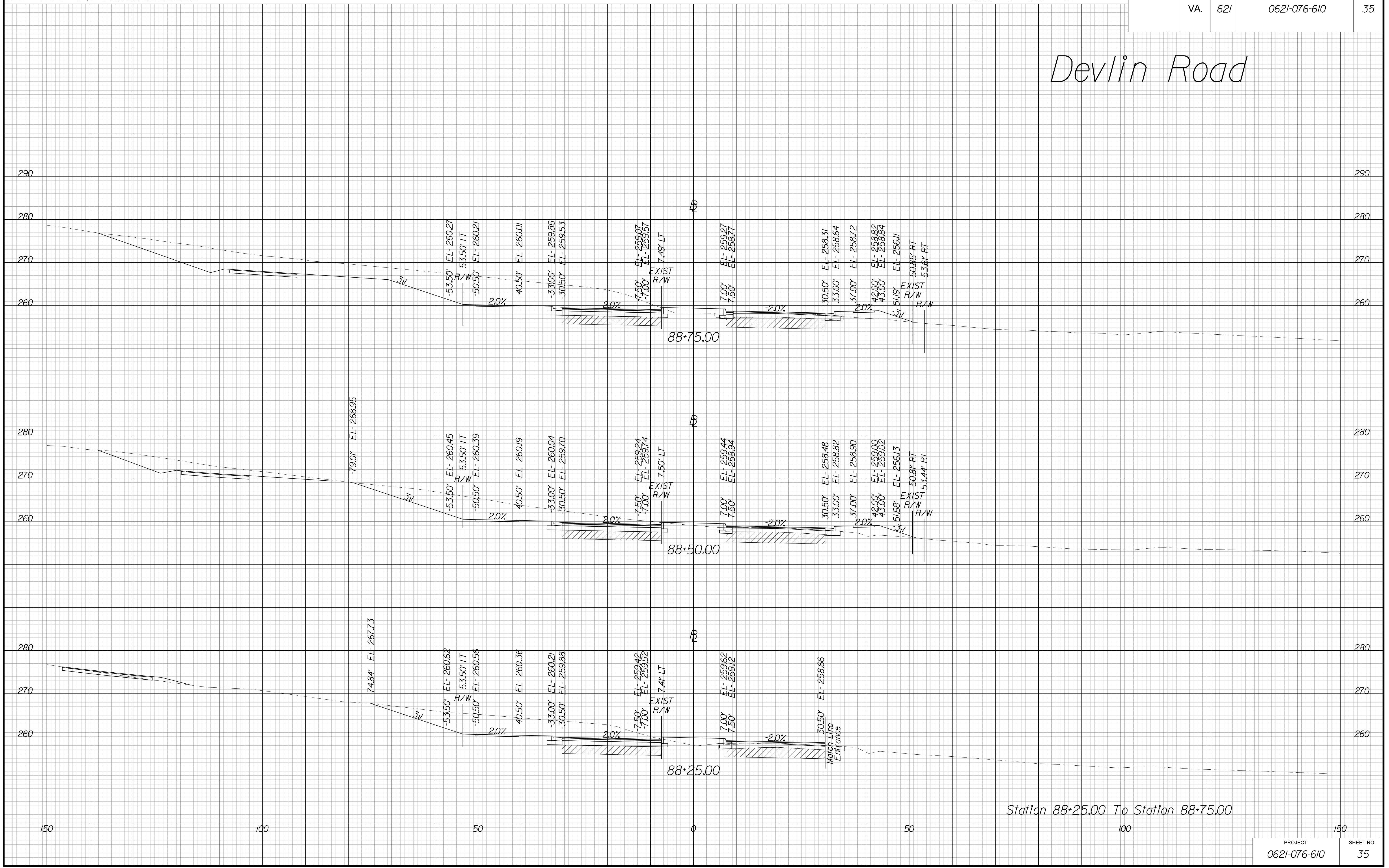
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	35

Devlin Road



Station 88+25.00 To Station 88+75.00

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

VE PLANS

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

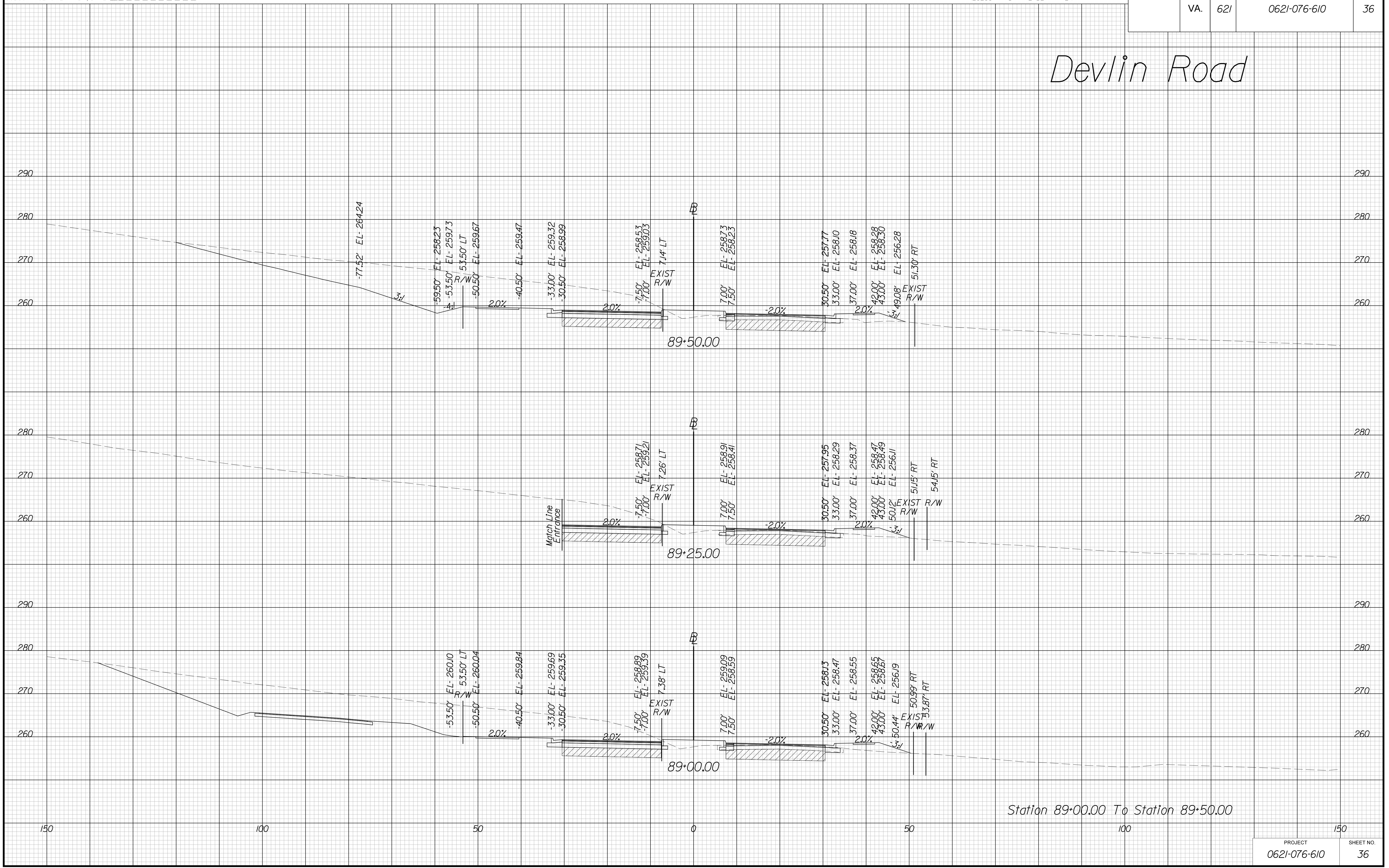
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	36

Devlin Road



Station 89+00.00 To Station 89+50.00

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

VE PLANS

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

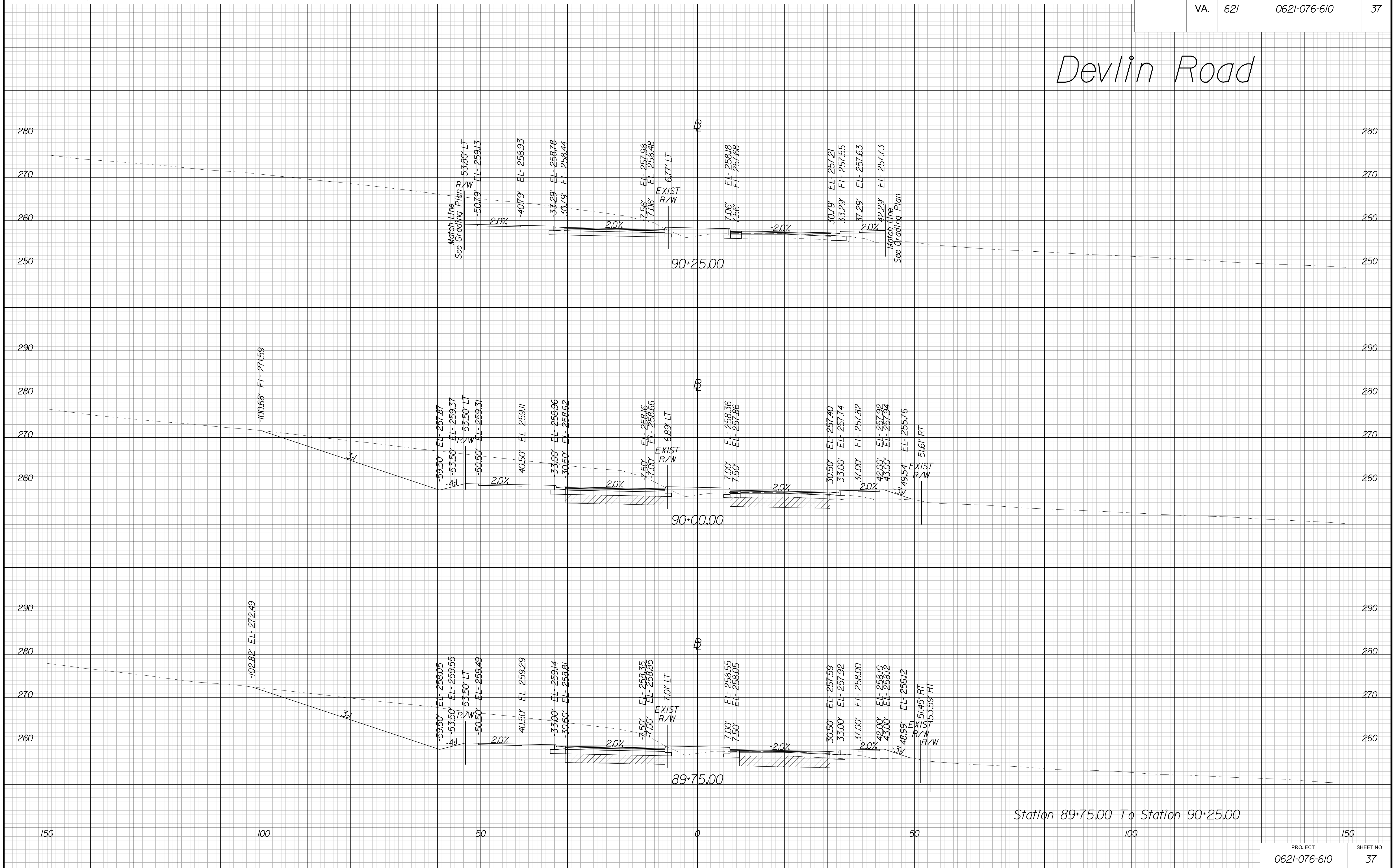
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	37

Devlin Road



Station 89+75.00 To Station 90+25.00

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

VE PLANS

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

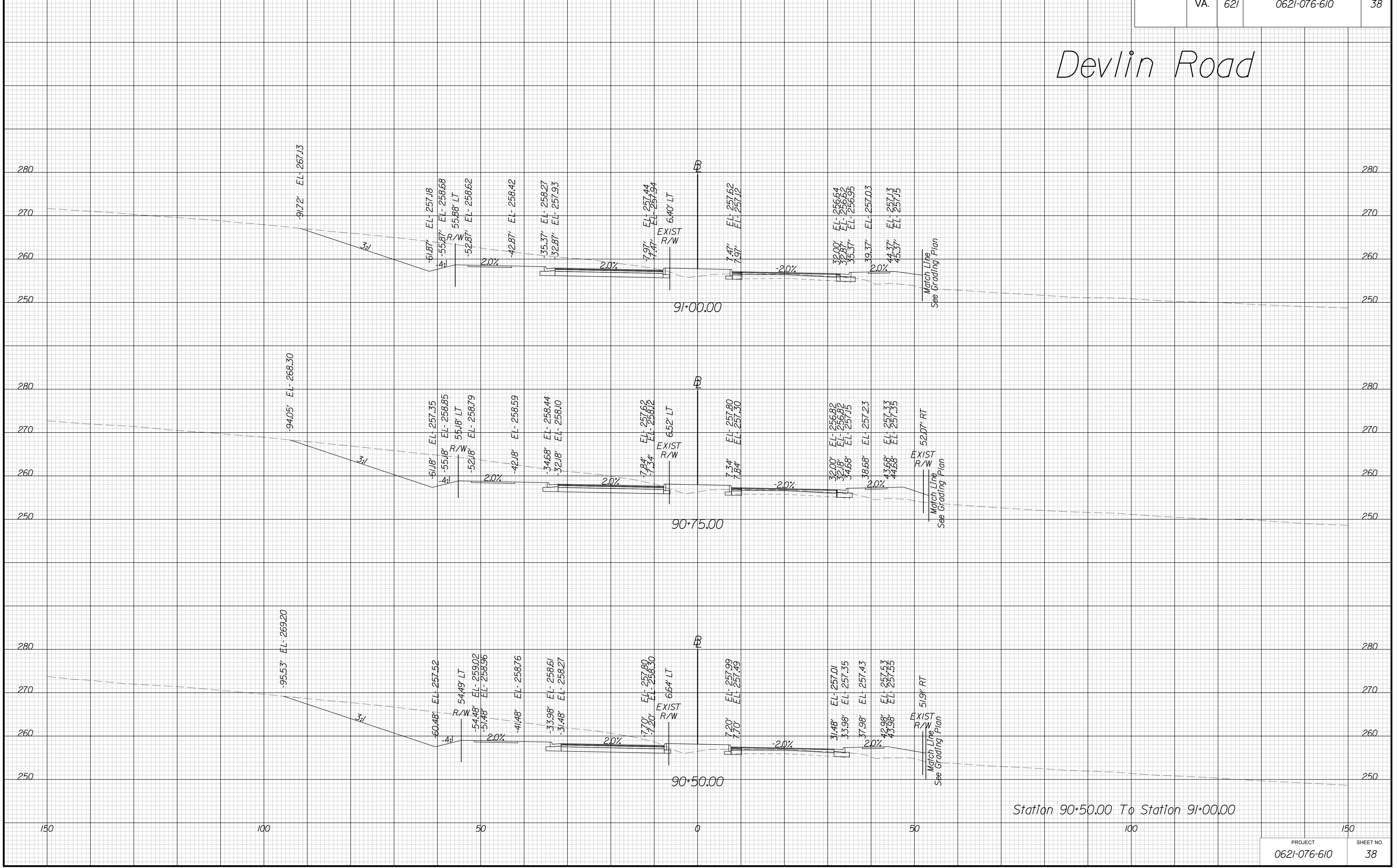
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	38

Devlin Road



Station 90+50.00 To Station 91+00.00

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

VE PLANS

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

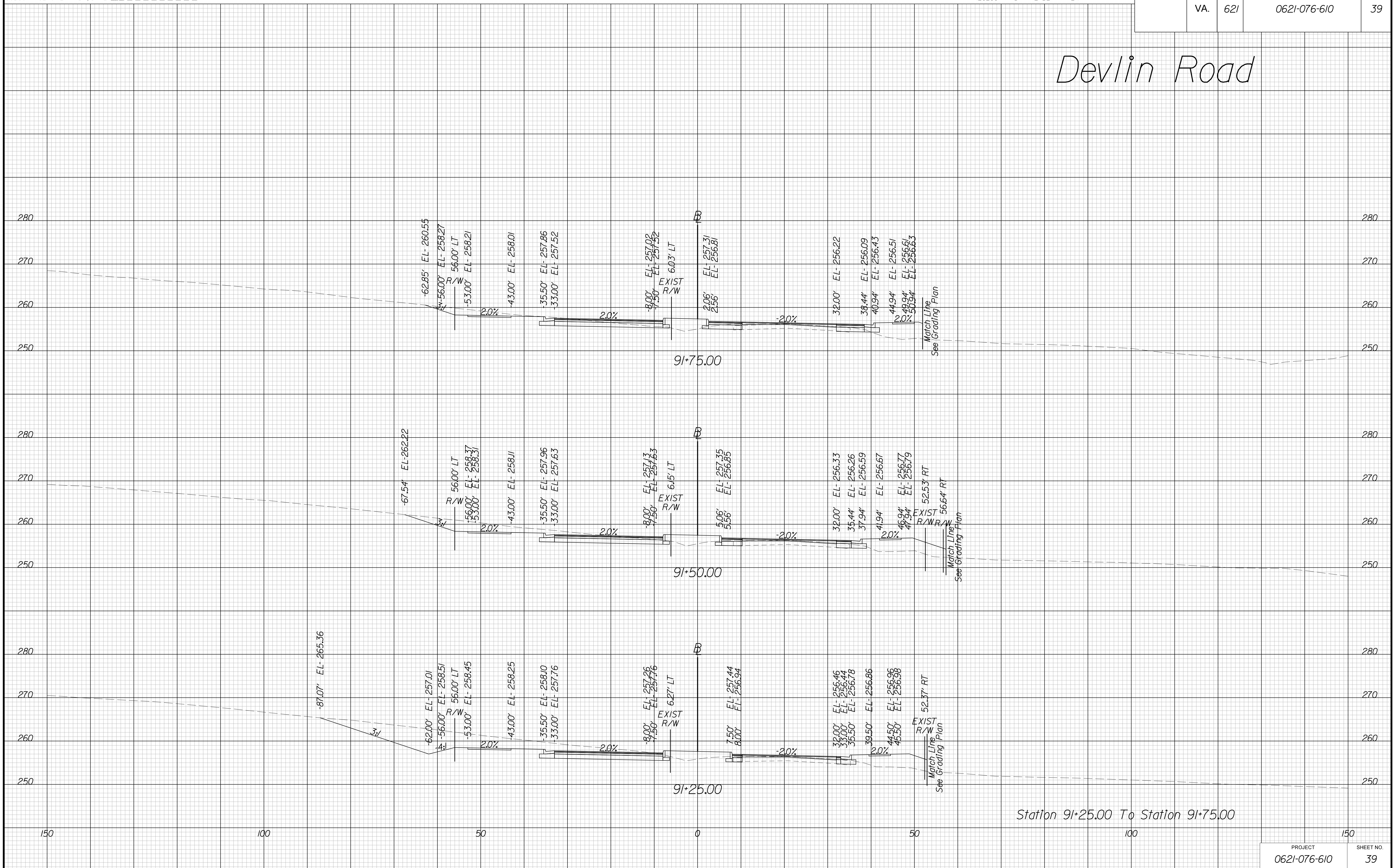
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	39

Devlin Road



Station 91+25.00 To Station 91+75.00

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VE PLANS

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

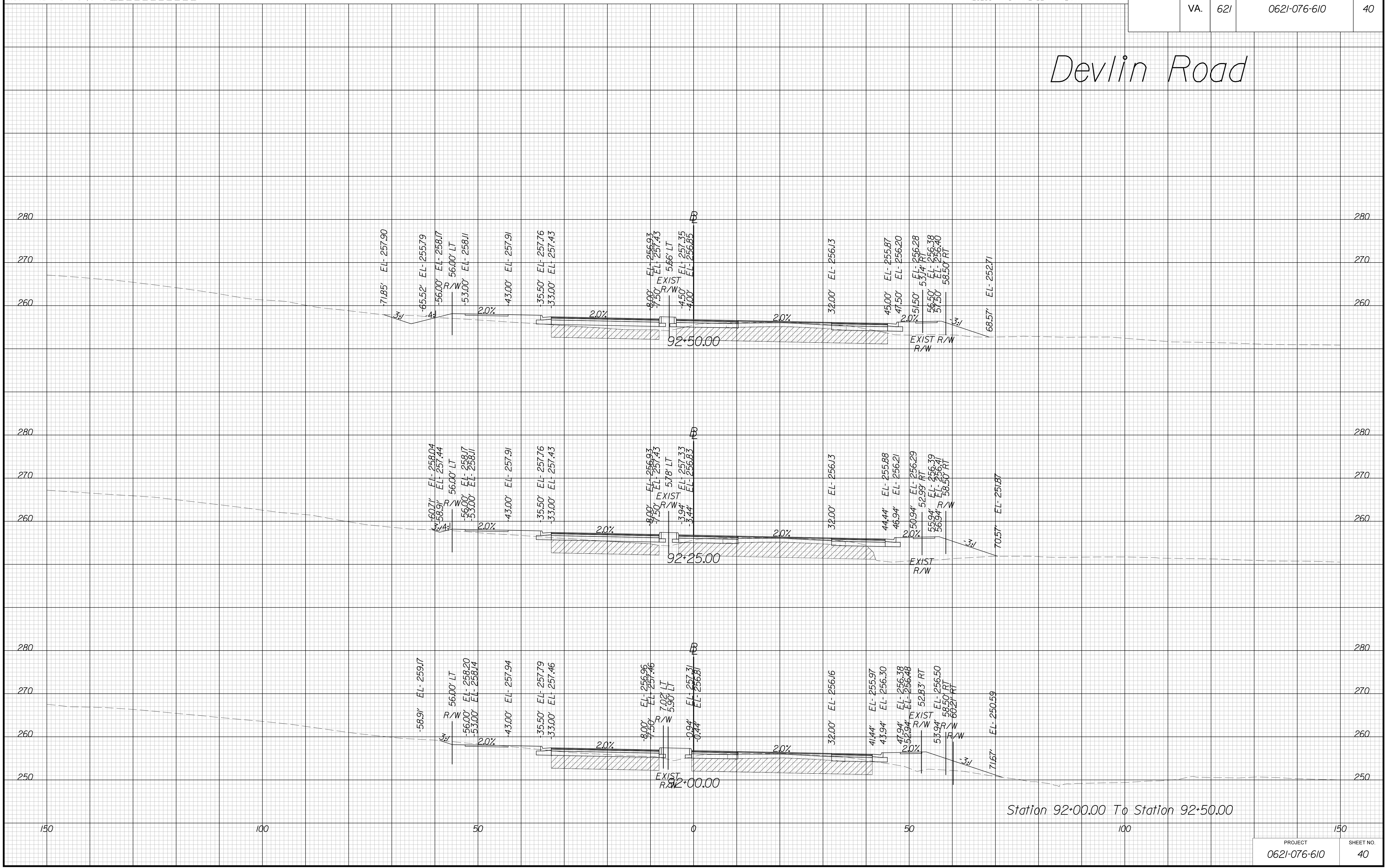
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	40

Devlin Road



Station 92+00.00 To Station 92+50.00

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

VE PLANS

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

CROSS SECTIONS

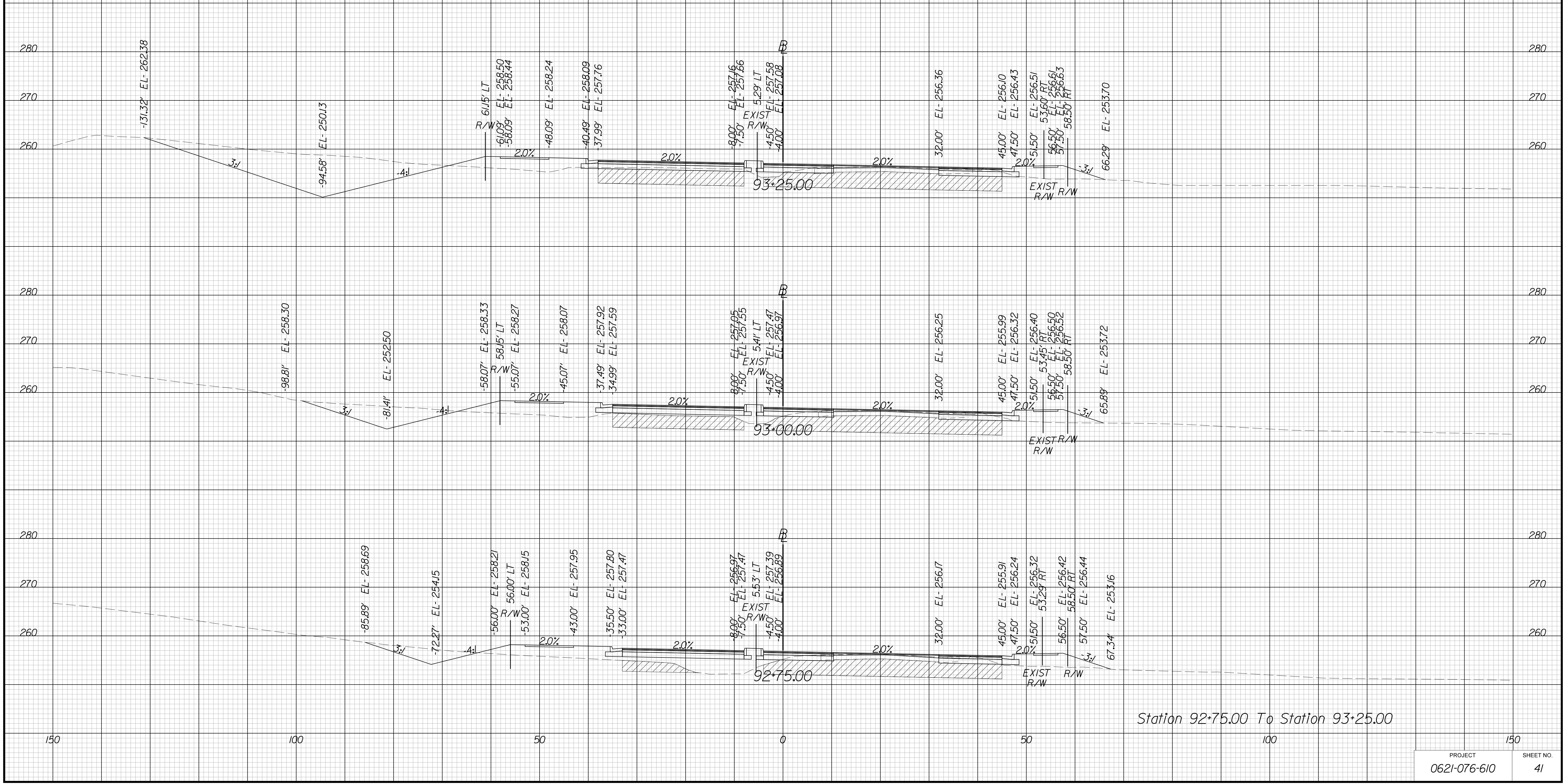
SCALE 1 IN. = 10 FT

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	41

Devlin Road

Begin VDOT Project
0621-076-610, PE-101, C-501
94+03.39



Station 92+75.00 To Station 93+25.00

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

VE PLANS

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

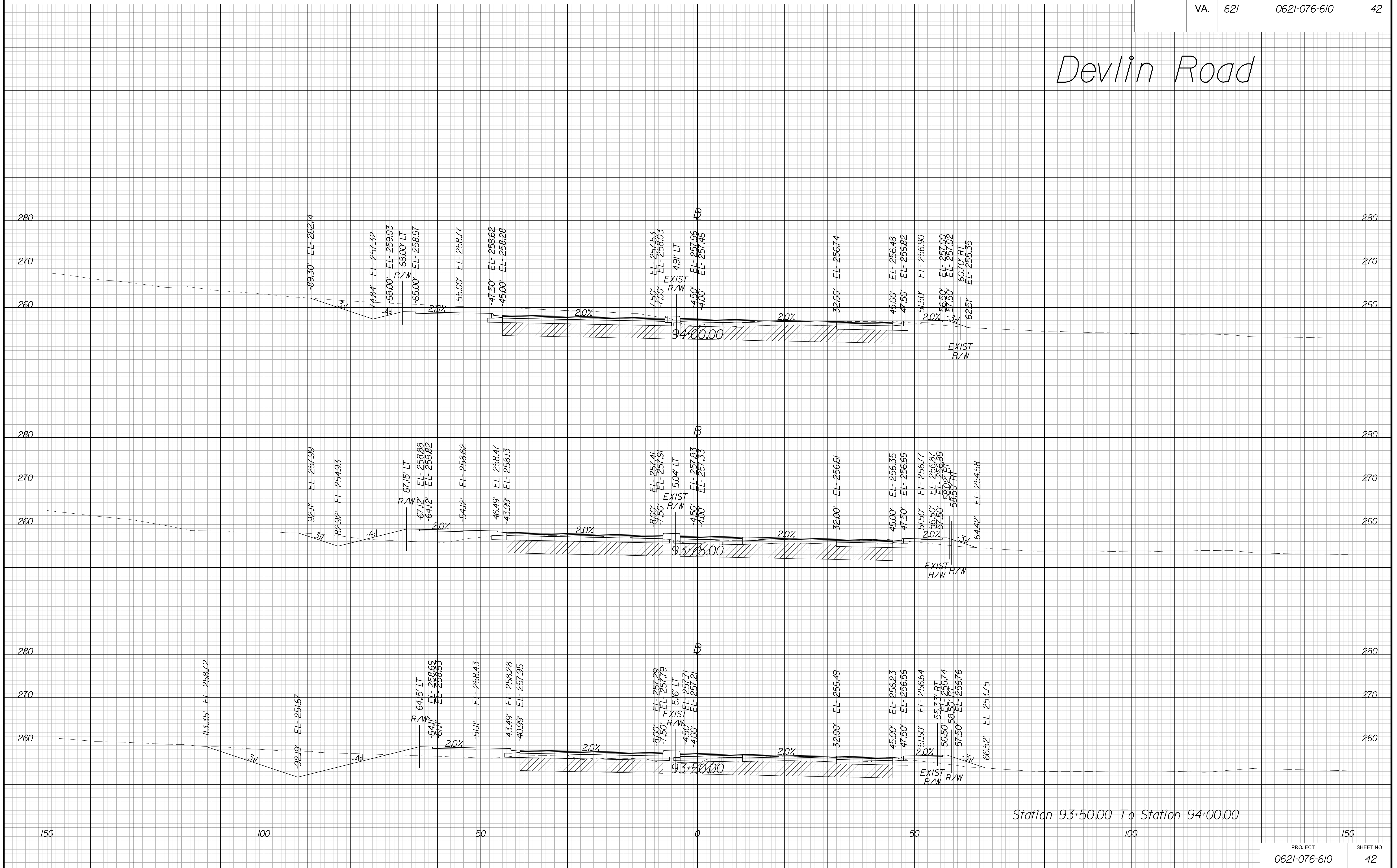
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	42

Devlin Road



Station 93+50.00 To Station 94+00.00

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

VE PLANS

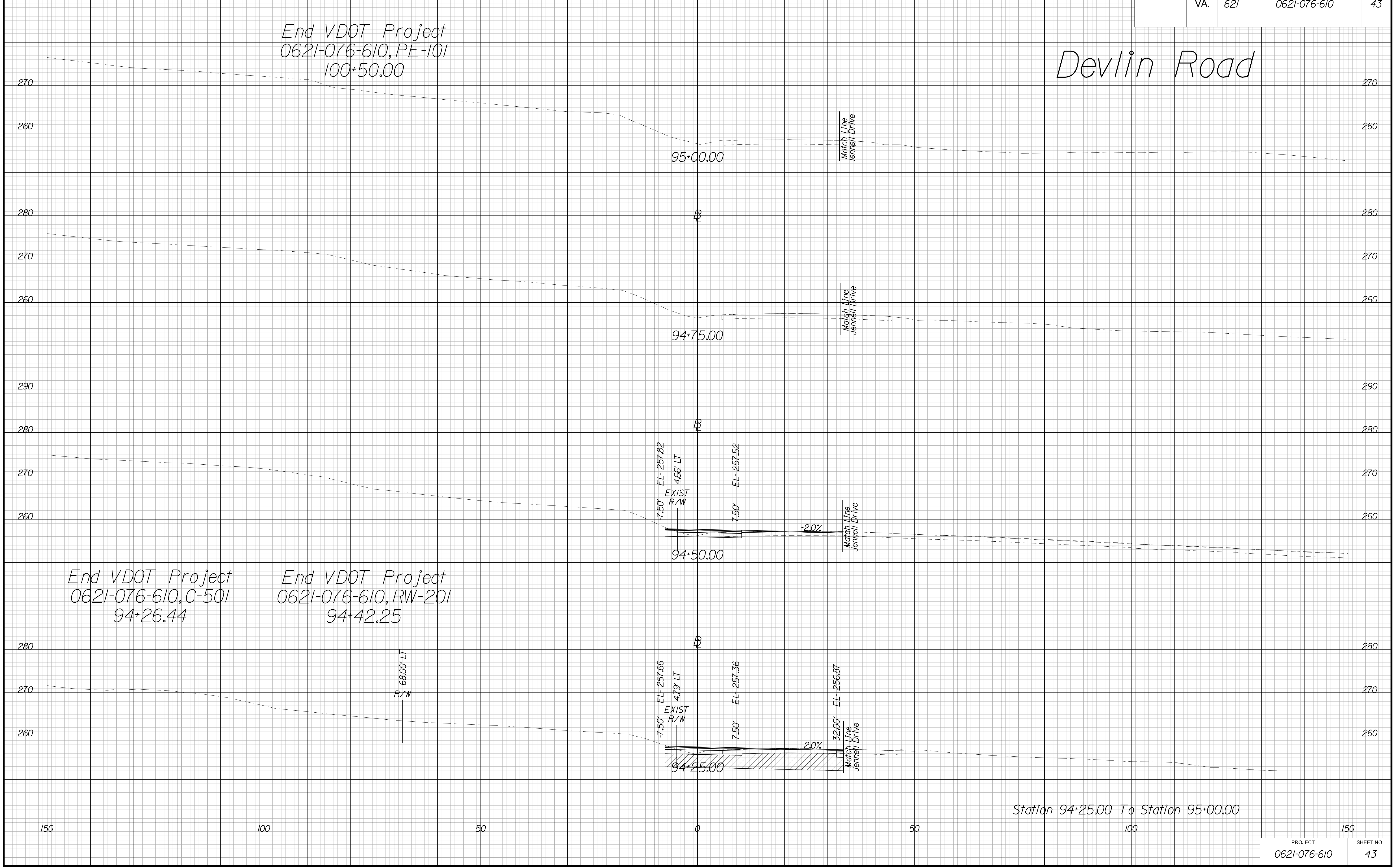
PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	621		0621-076-610	43



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

VE PLANS

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

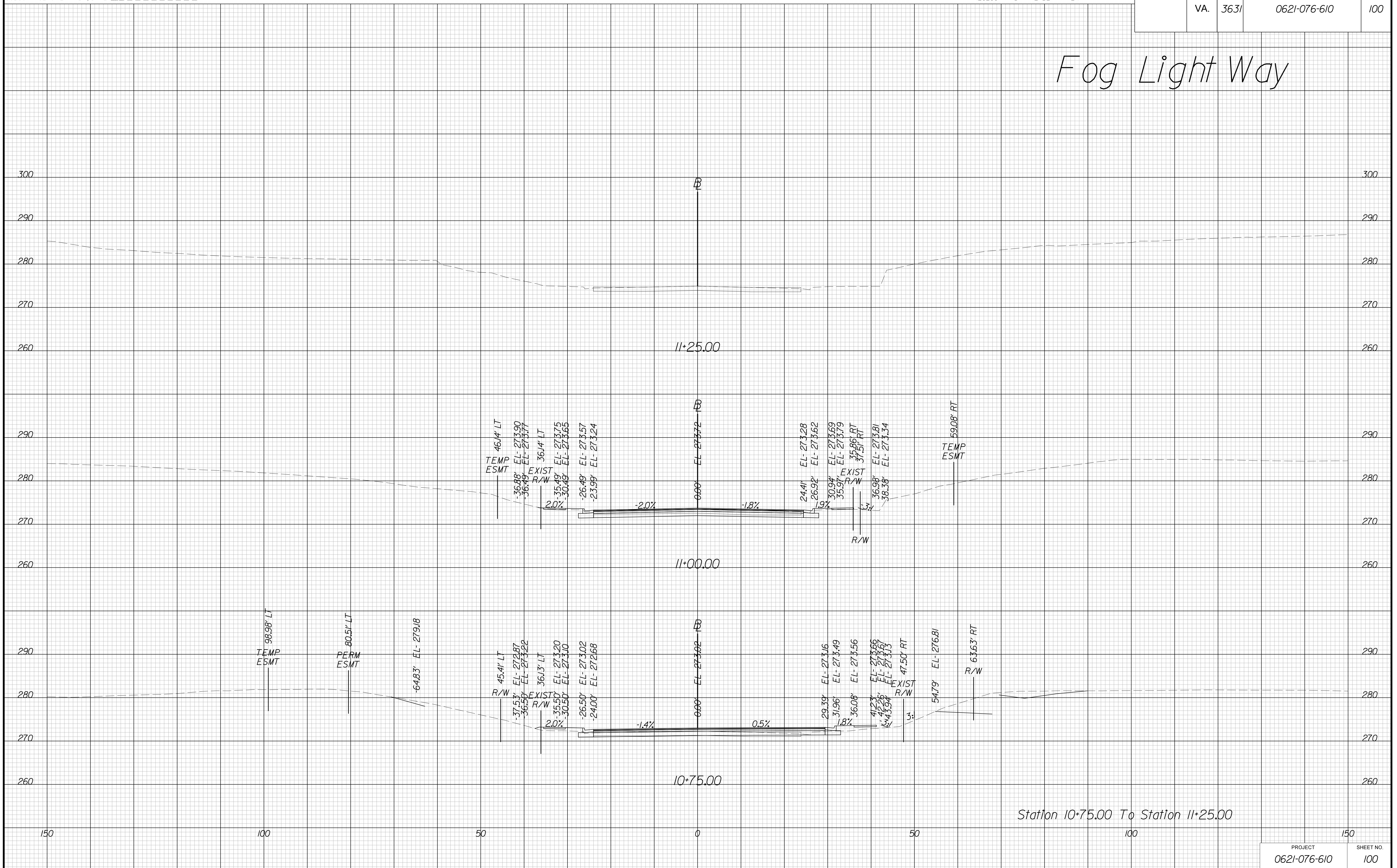
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	3631		0621-076-610	100

Fog Light Way



Station 10+75.00 To Station 11+25.00

PROJECT	SHEET NO.
0621-076-610	100

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

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

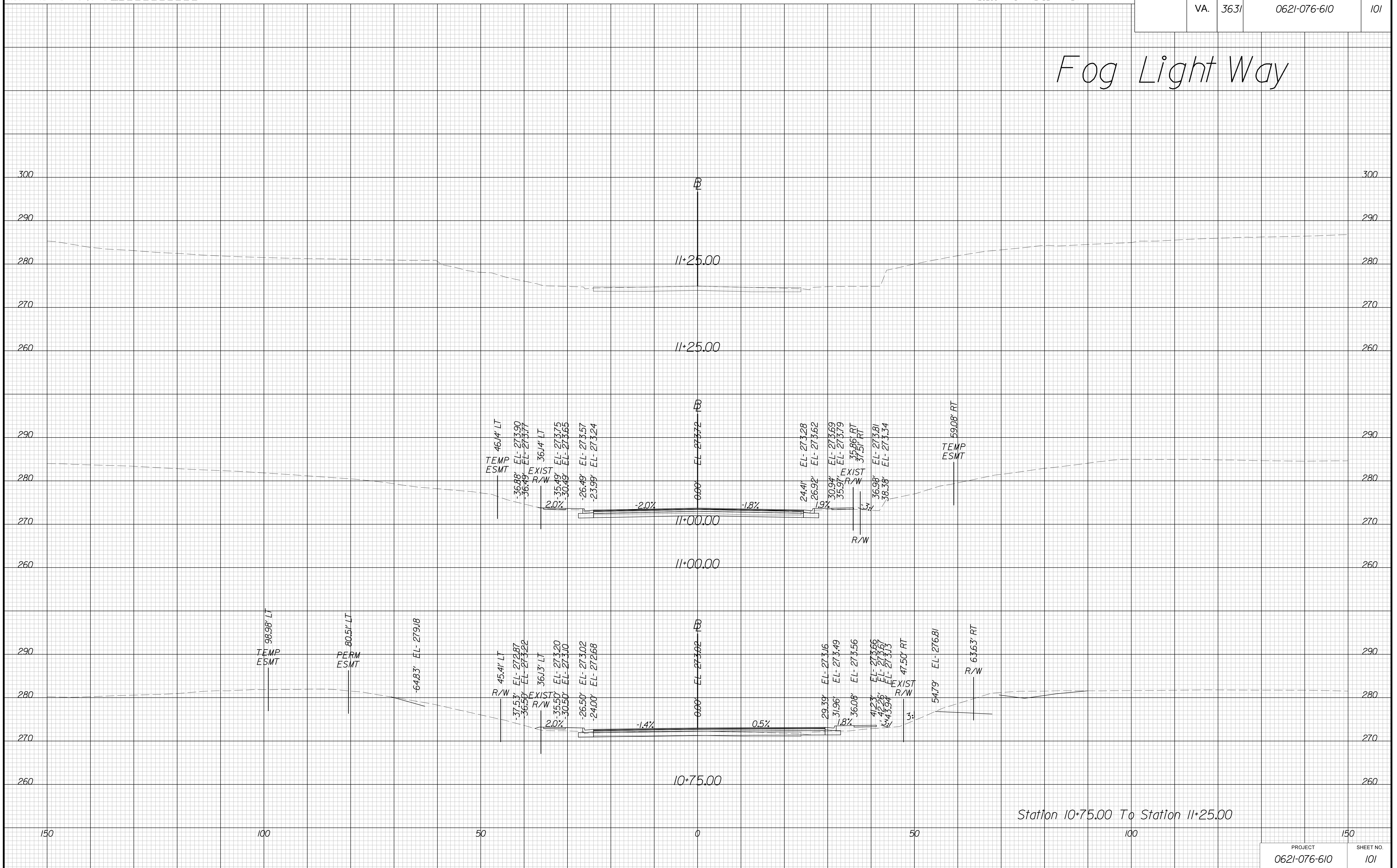
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	3631		0621-076-610	101

Fog Light Way



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

VE PLANS

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

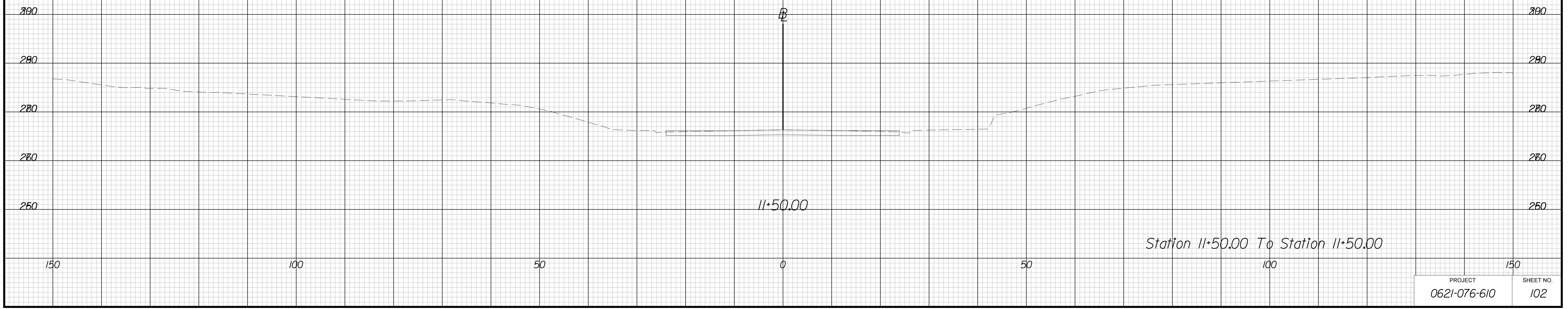
CROSS SECTIONS

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	ROUTE	STATE PROJECT	SHEET NO.
	VA.	3631	0621-076-610	102

Fog Light Way



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

VE PLANS

PROJECT
0621-076-610

SHEET NO.
102

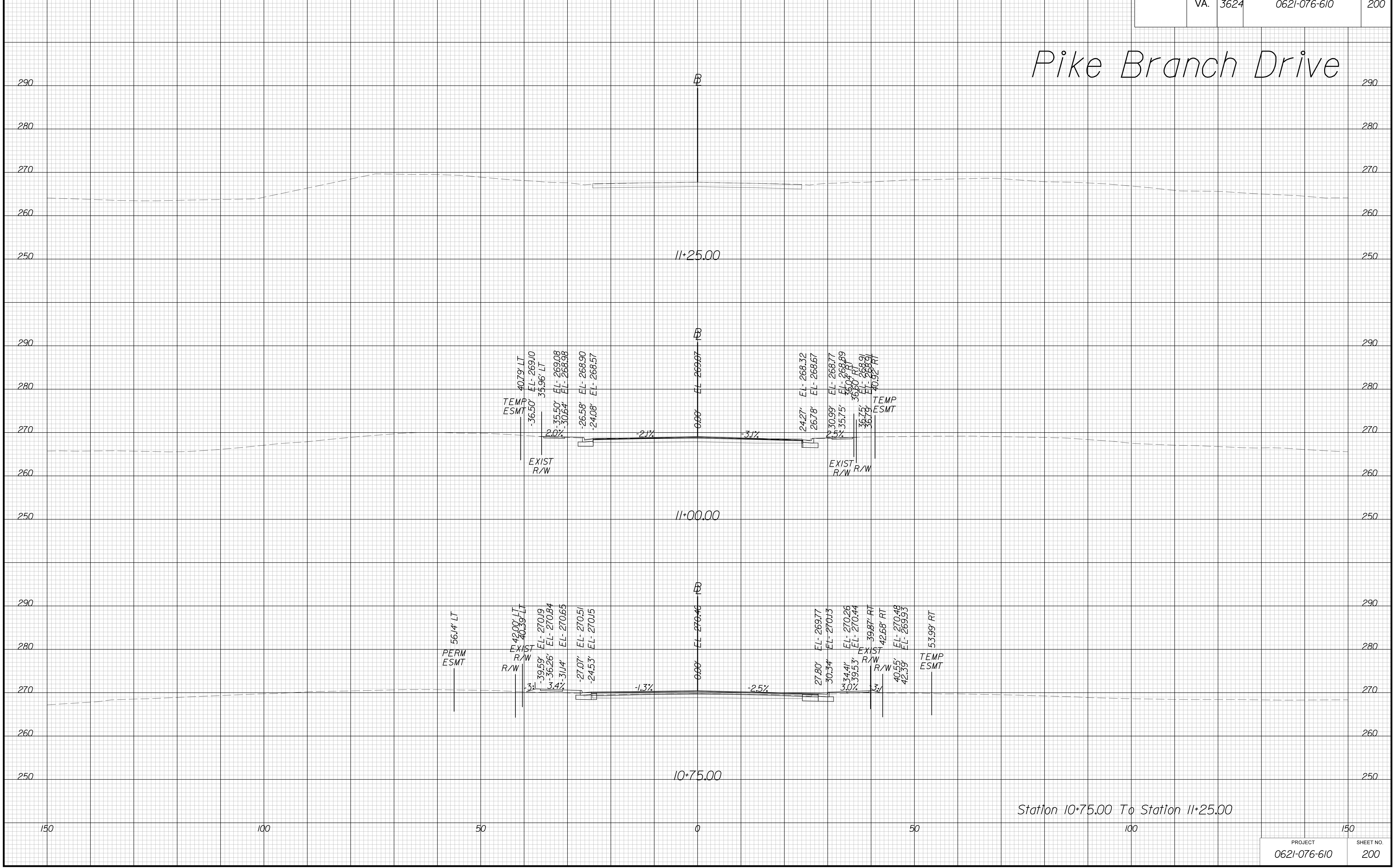
PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	3624		0621-076-610	200



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

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

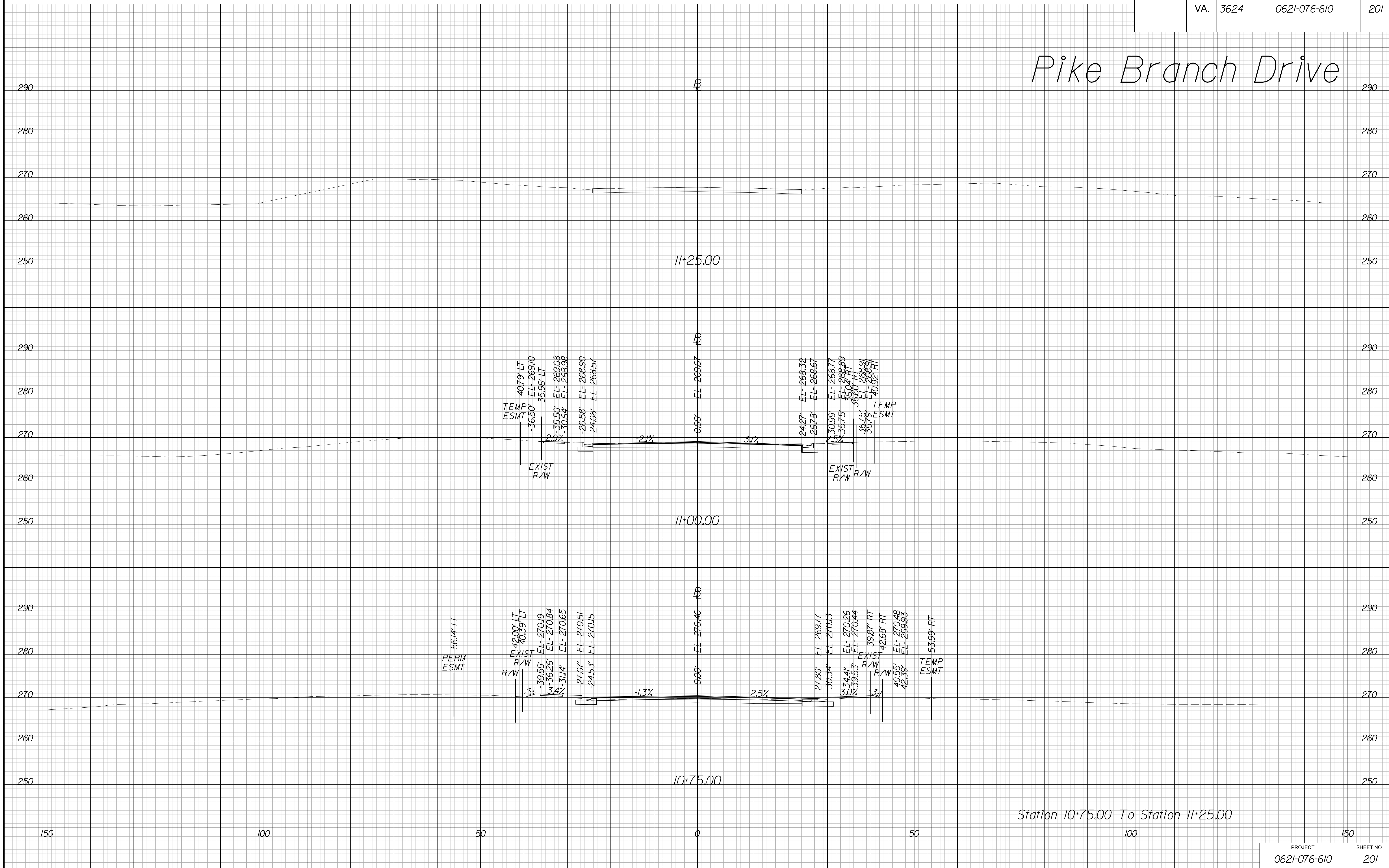
CROSS SECTIONS

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	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	3624		0621-076-610	201

Pike Branch Drive



Station 10+75.00 To Station 11+25.00

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

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

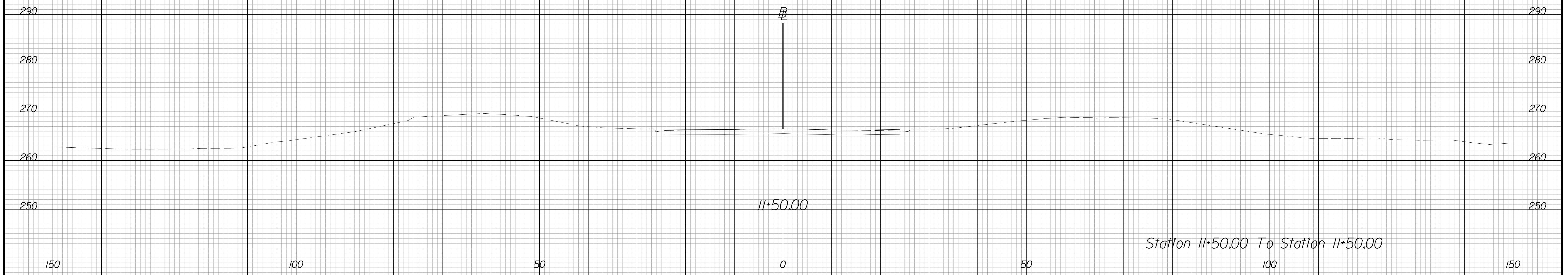
CROSS SECTIONS

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	3624	0621-076-610	202

Pike Branch Drive



PROJECT	SHEET NO.
0621-076-610	202

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

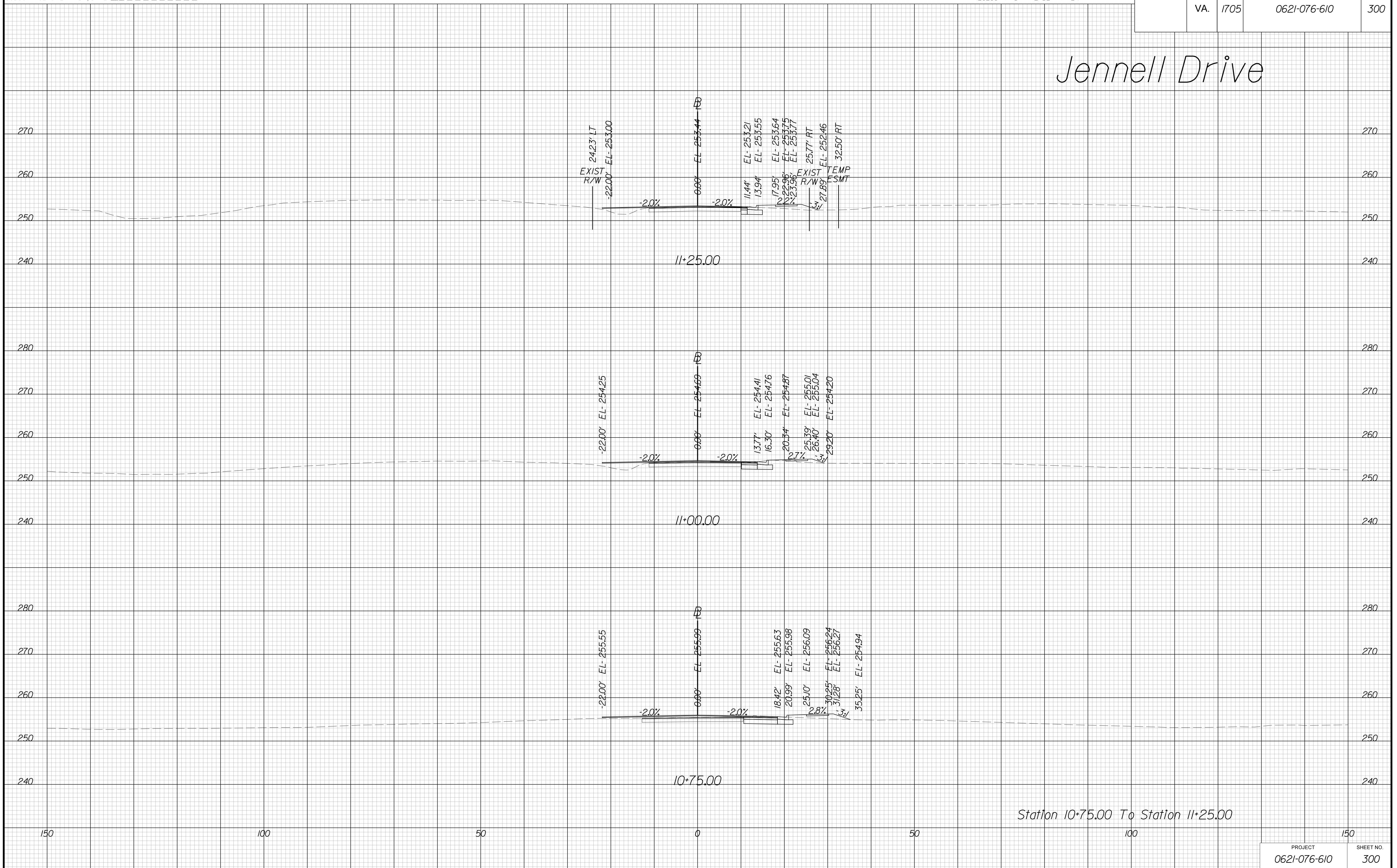
CROSS SECTIONS

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	1705		0621-076-610	300

Jennell Drive



Station 10+75.00 To Station 11+25.00

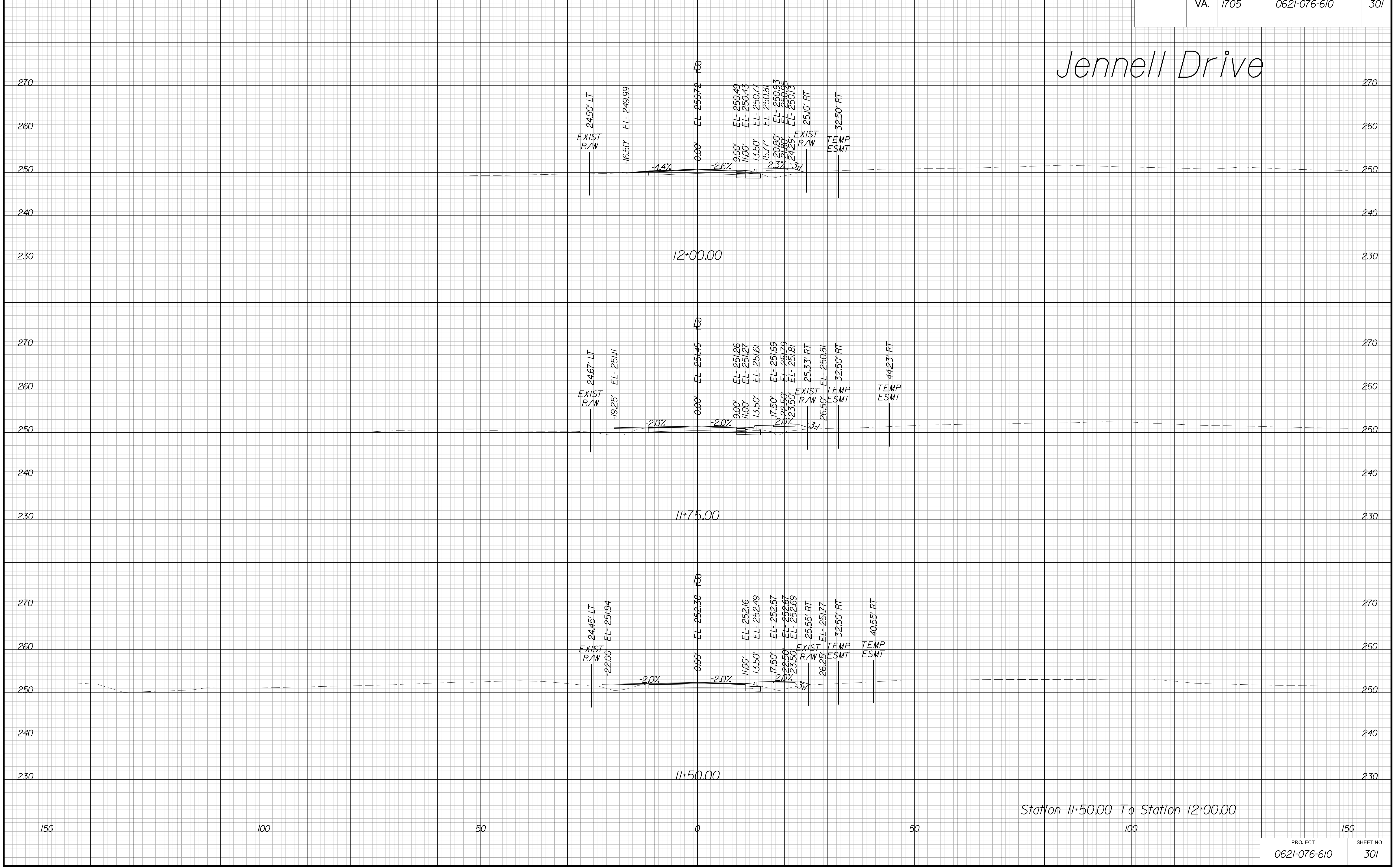
PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

CROSS SECTIONS

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	1705		0621-076-610	301



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VE PLANS

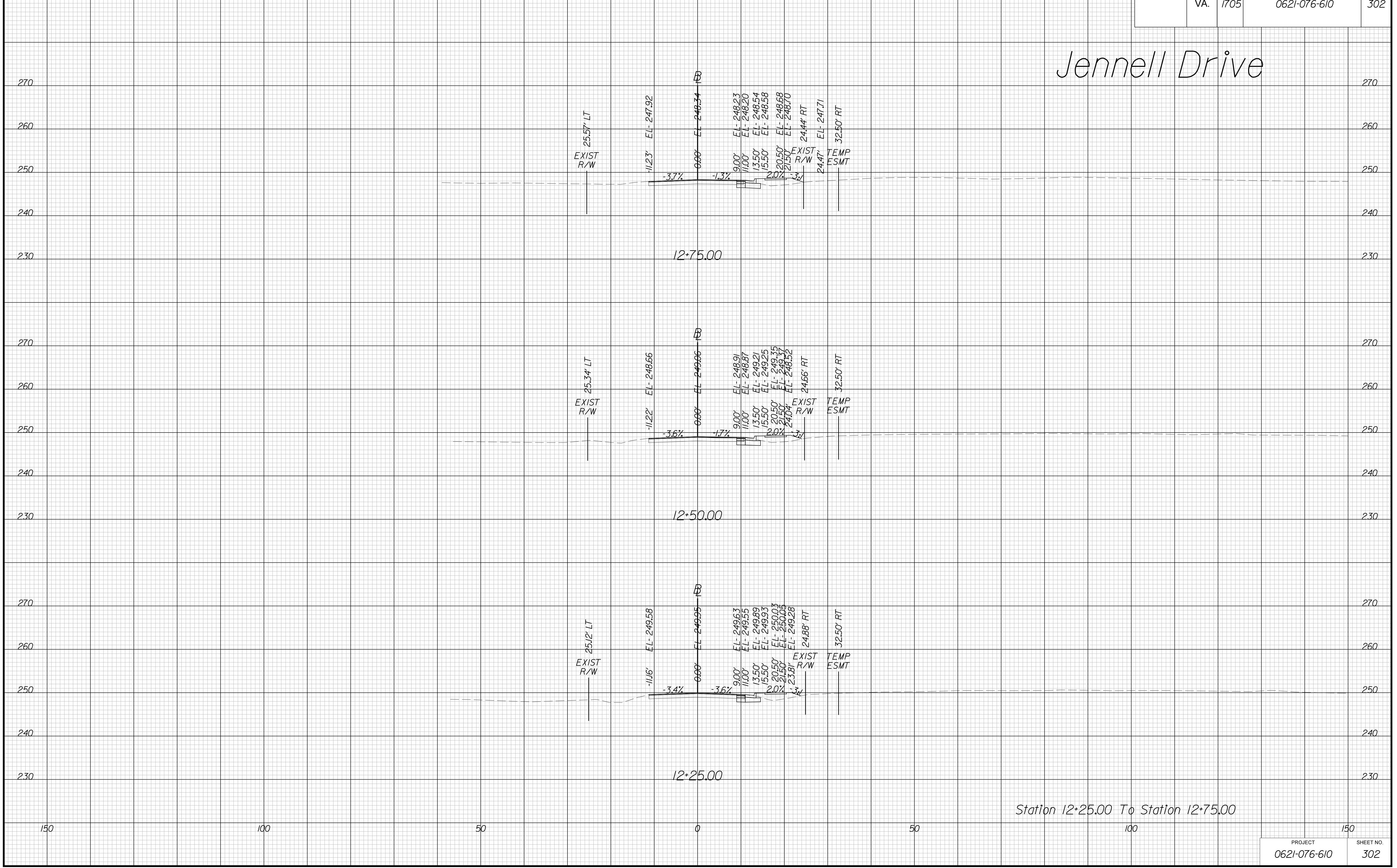
PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

CROSS SECTIONS

SCALE 1 IN. = 10 FT

DESIGN FEATURES RELATING TO CONSTRUCTION
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NECESSARY BY THE DEPARTMENT

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	1705		0621-076-610	302



Jennell Drive

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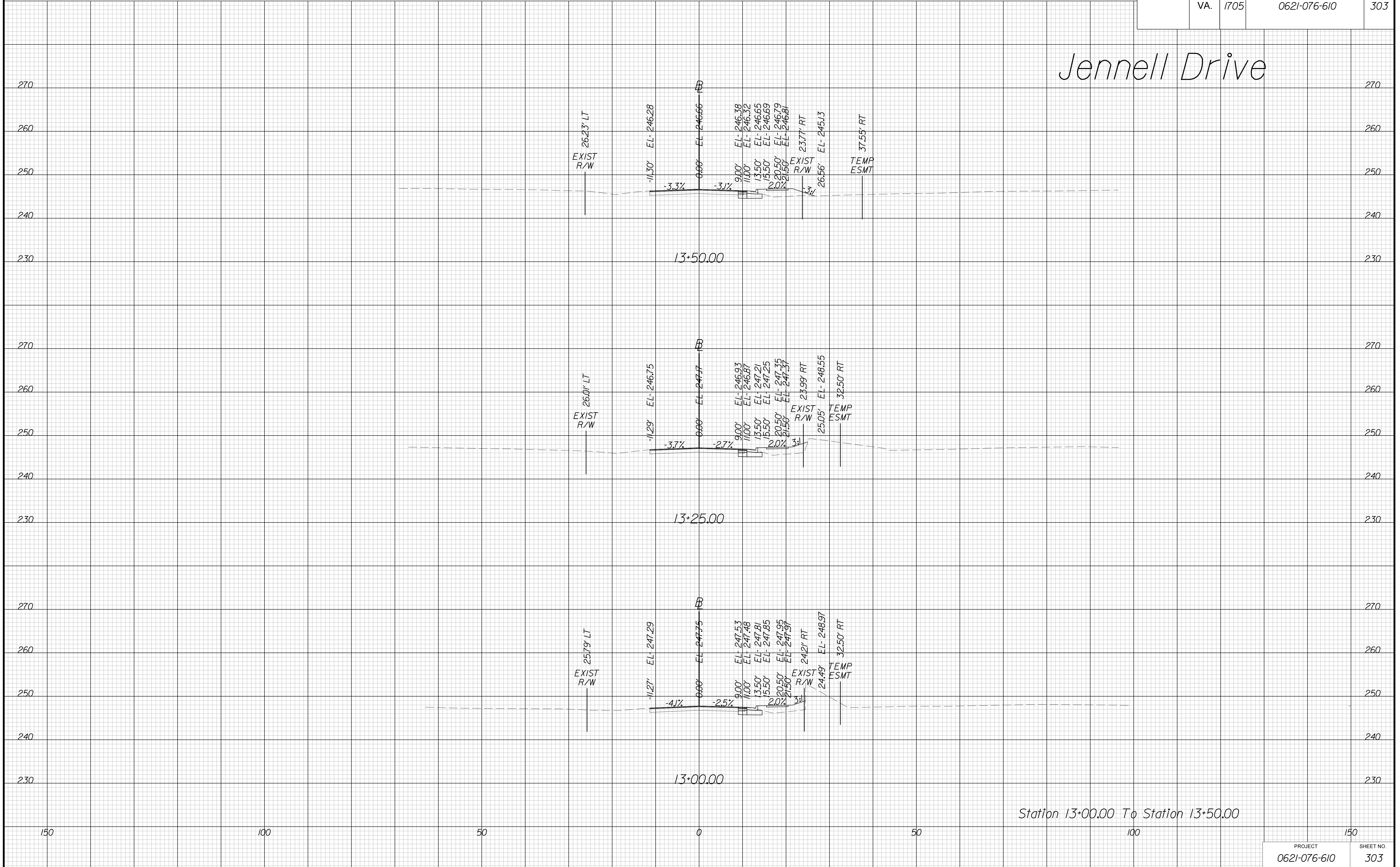
PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

CROSS SECTIONS

SCALE 1 IN. = 10 FT

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	1705		0621-076-610	303



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VE PLANS

PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
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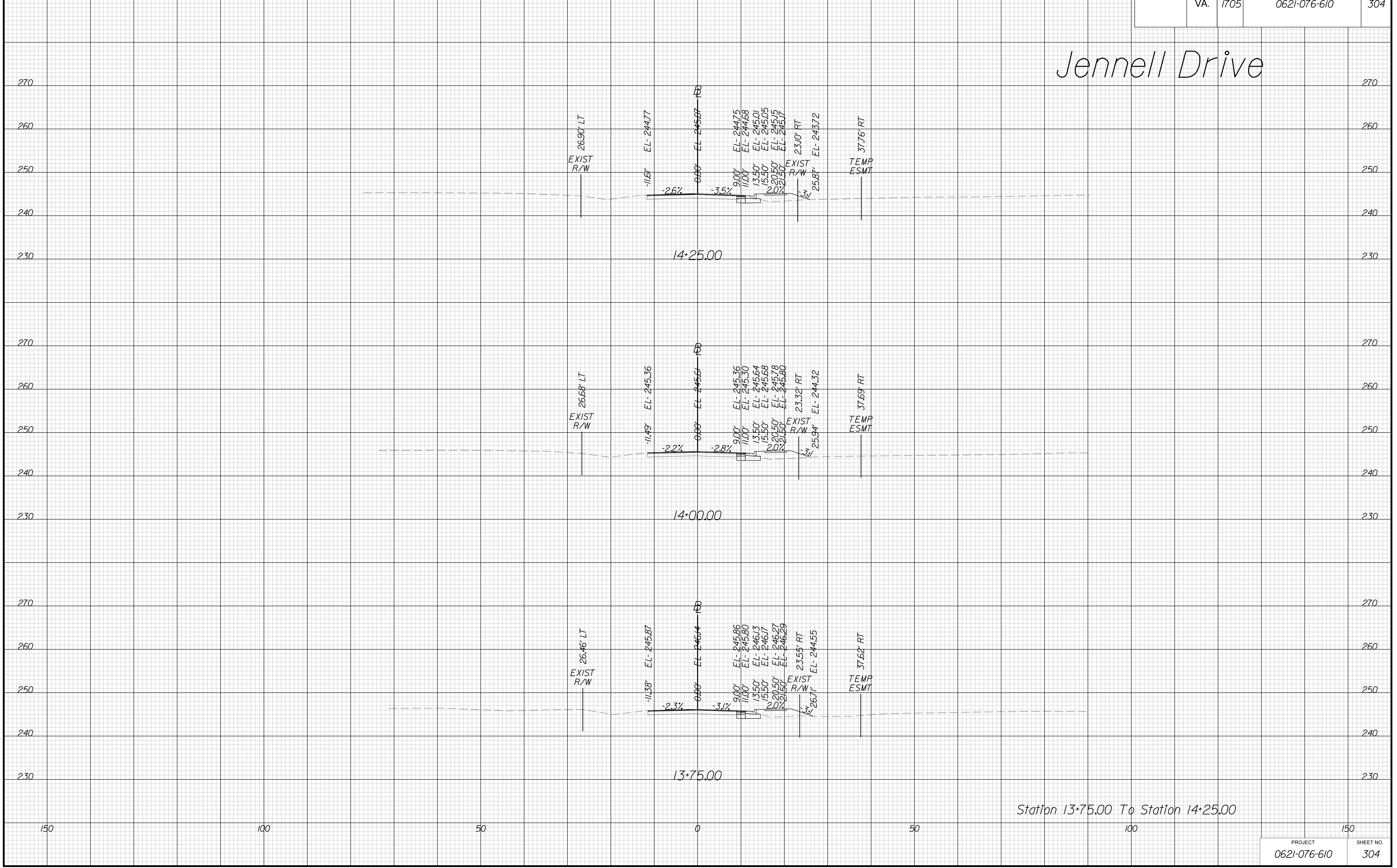
CROSS SECTIONS

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	1705		0621-076-610	304

Jennell Drive



Station 13+75.00 To Station 14+25.00

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

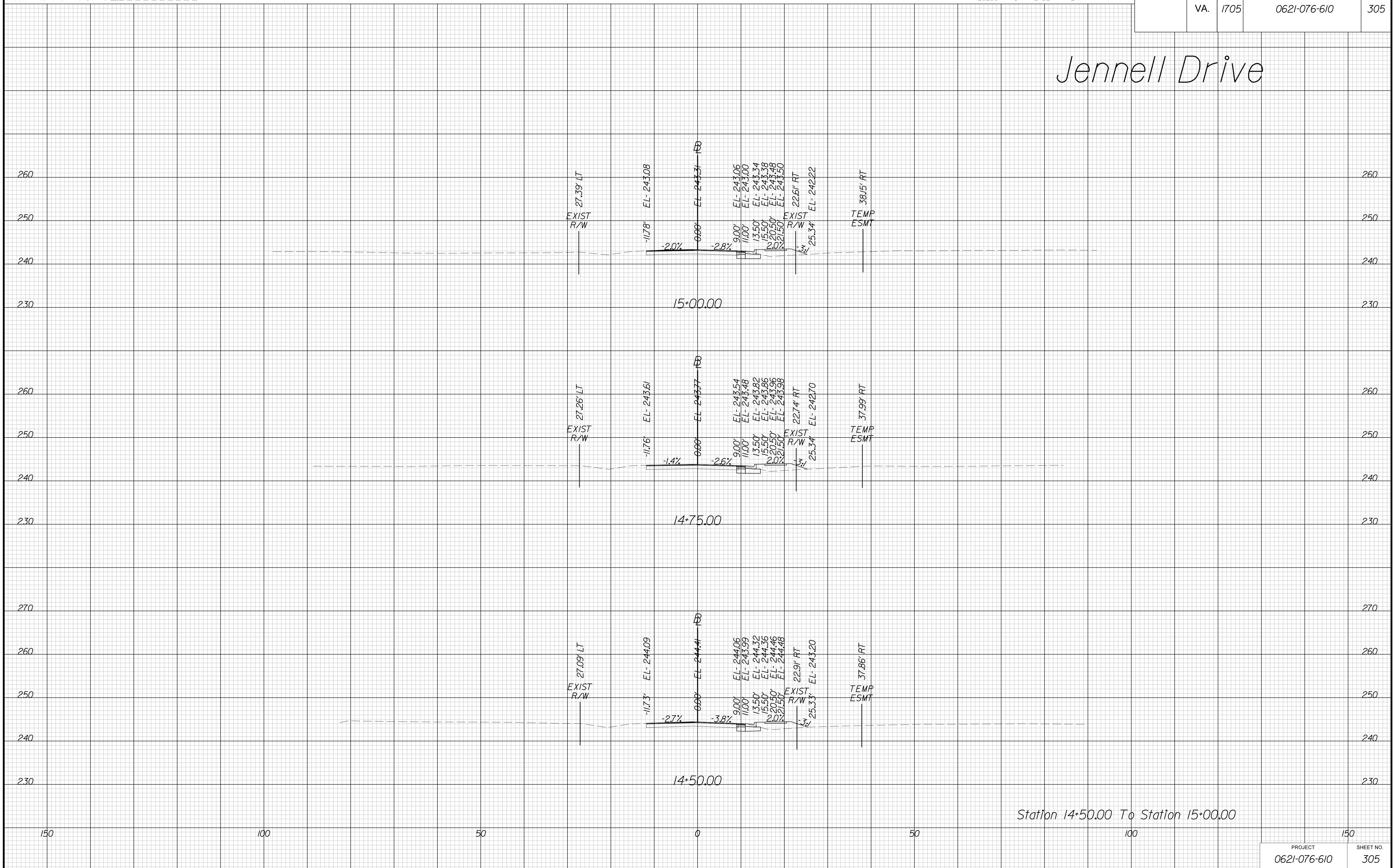
CROSS SECTIONS

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	1705		0621-076-610	305

Jennell Drive



Station 14+50.00 To Station 15+00.00

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VE PLANS

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DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

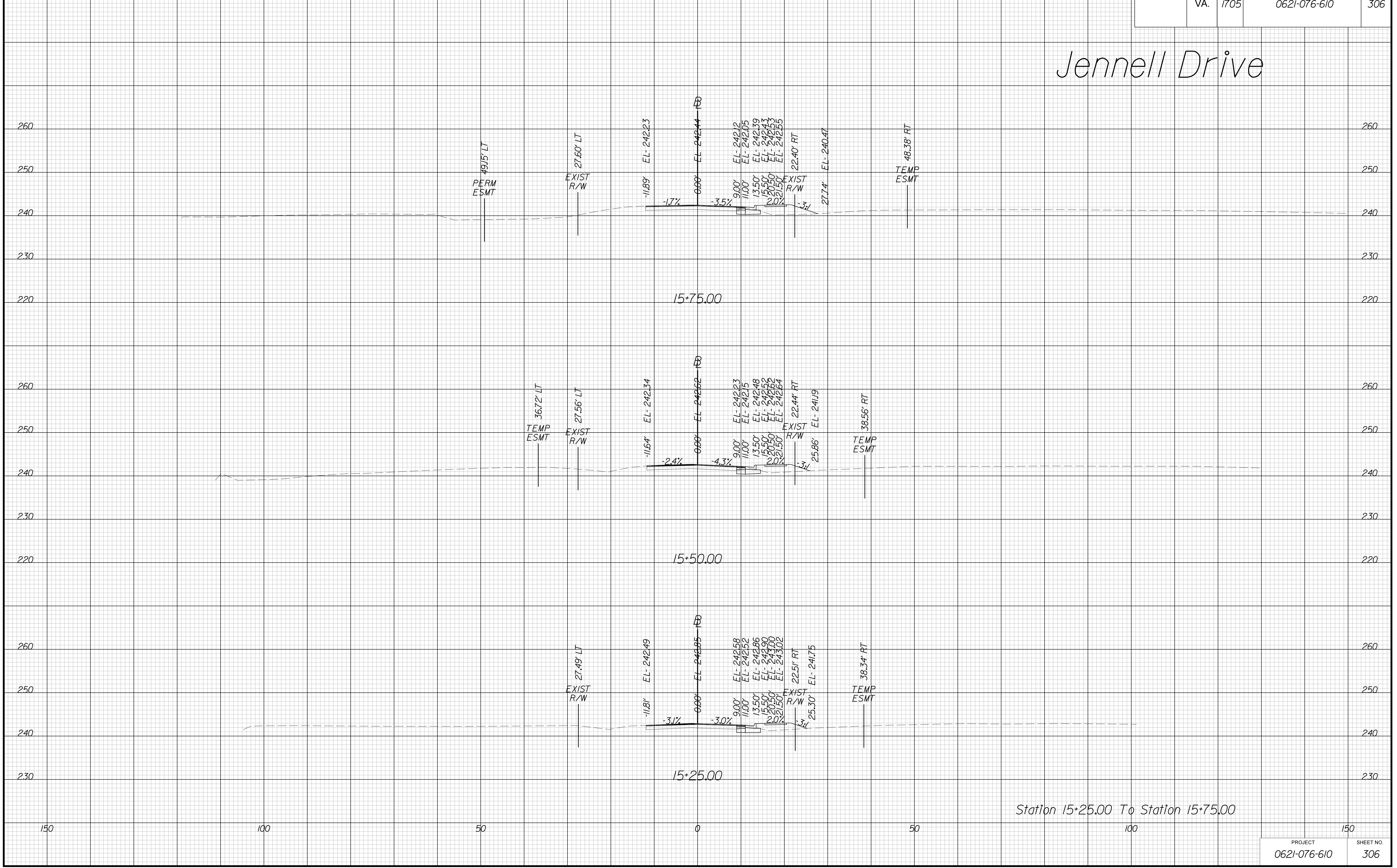
CROSS SECTIONS

SCALE 1 IN. = 10 FT

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	1705		0621-076-610	306

Jennell Drive



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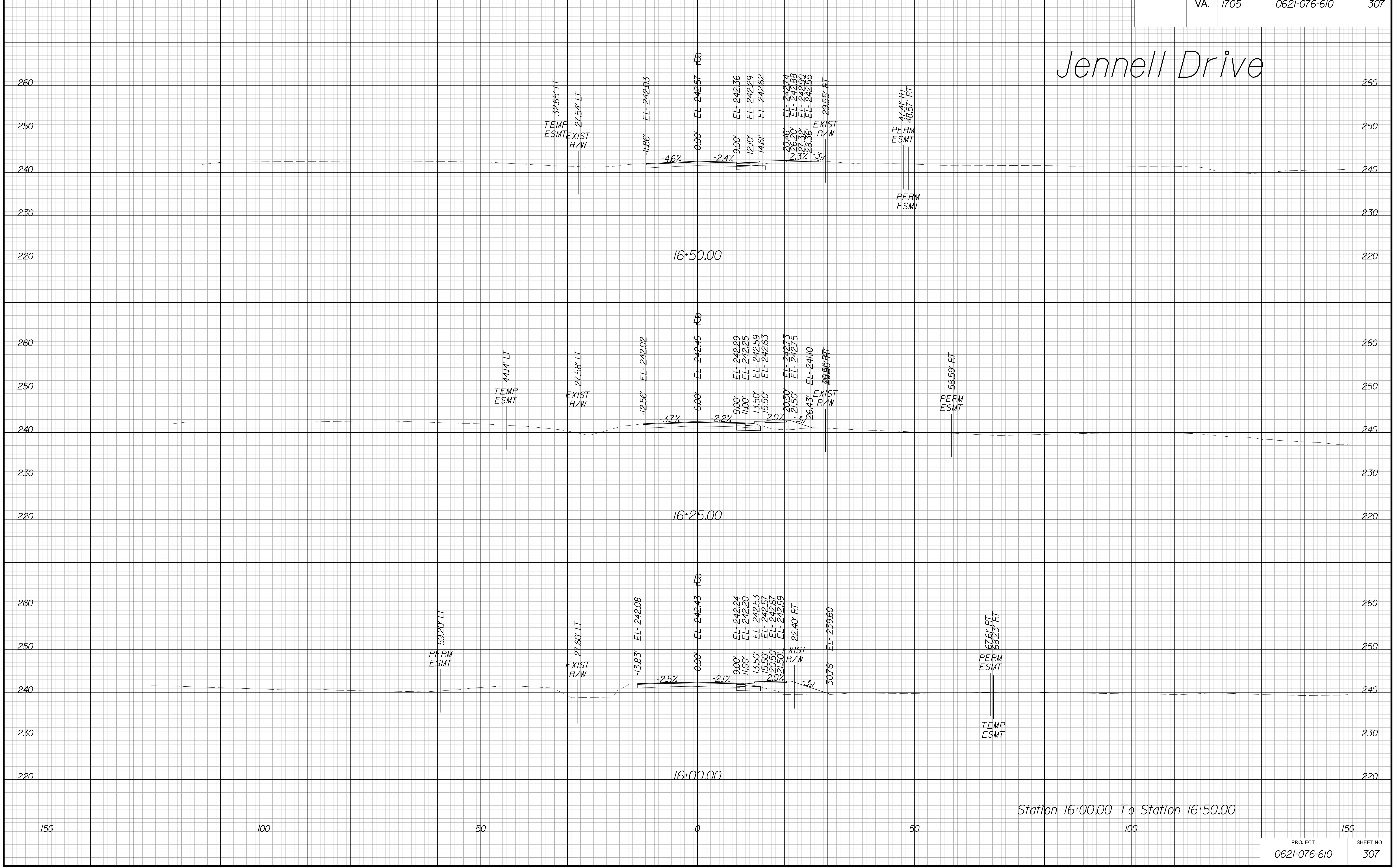
PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	1705		0621-076-610	307



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

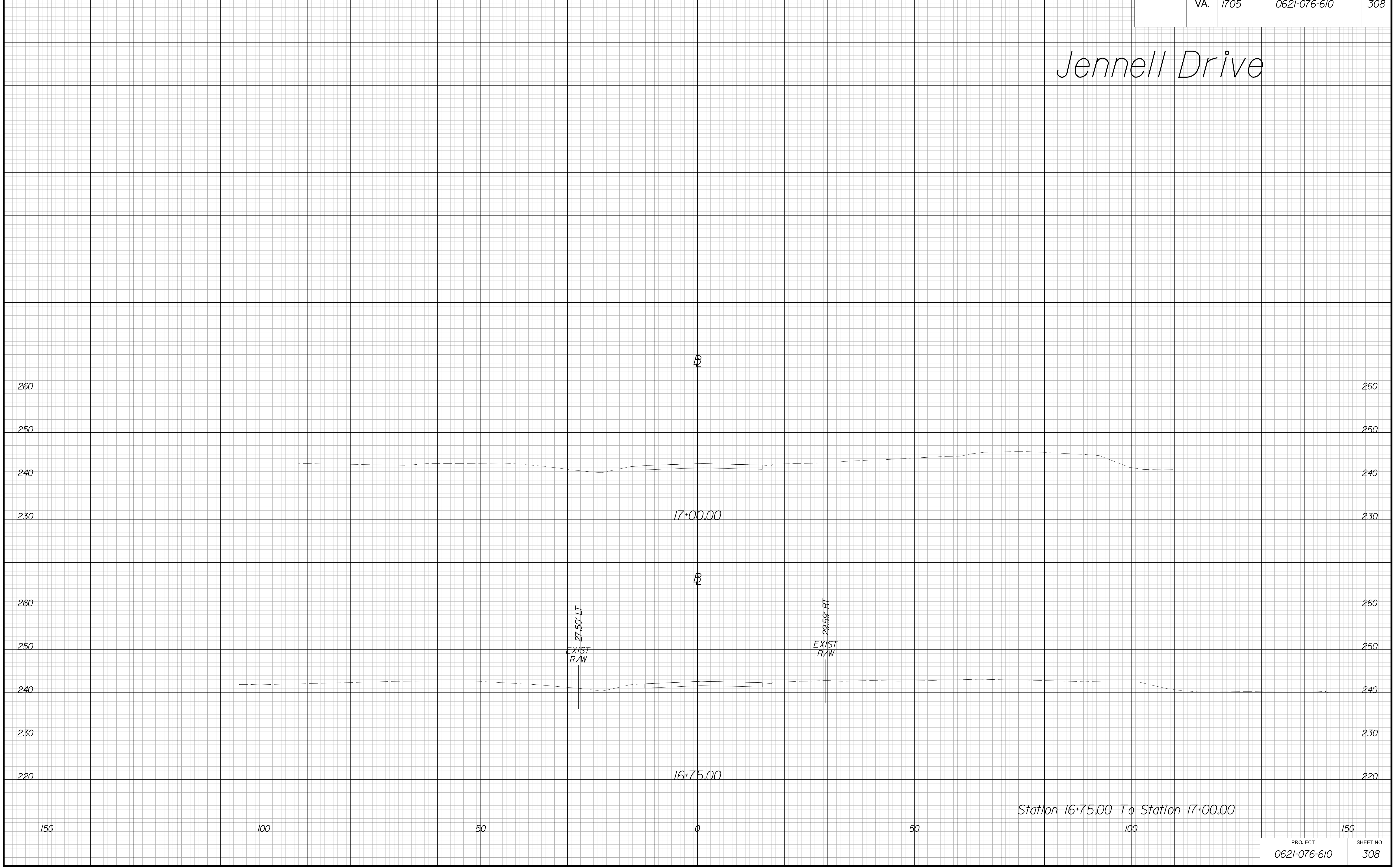
CROSS SECTIONS

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	1705		0621-076-610	308

Jennell Drive



Station 16+75.00 To Station 17+00.00

PROJECT	SHEET NO.
0621-076-610	308

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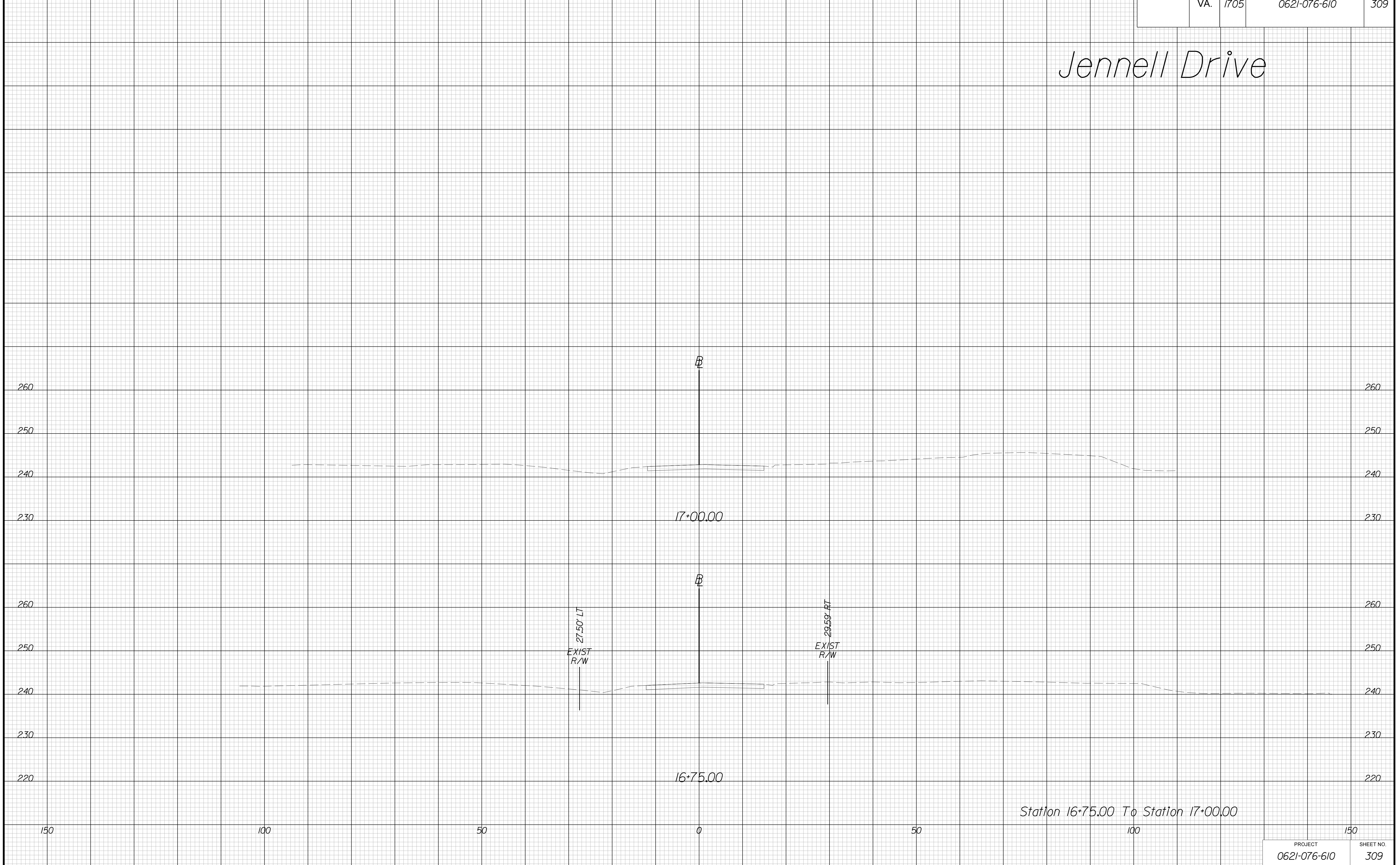
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	1705	0621-076-610	309

Jennell Drive



Station 16+75.00 To Station 17+00.00

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