LIMITED ACCESS HIGHWAY By Resolution of the State Highway Commission dated January 29, 1970 and
By Resolution of the State Highway and Transportation Commission dated December 15, 1983

STATE	FEDERAL AID PROJECT	STATE ROUTE	STATE PROJECT	SHEET NO.
VA.	NHPP-5118(301)	US 501/ US 221	NFO-U000-118-286 See Tabulation Below For Section Numbers	1

FOR INDEX OF SHEETS SEE SHEET 1B

THIS PROJECT WAS DEVELOPED UTILIZING THE DEPARTMENT'S ENGINEERING DESIGN PACKAGE (OPEN ROADS DESIGNER).
VDOT UPC No. 113116

FHWA DATA 32103

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

SMART20 US501/US221 SPLIT PAIR INTERSECTION IMPROVEMENT

CITY OF LYNCHBURG
LYNCHBURG EXPRESSWAY

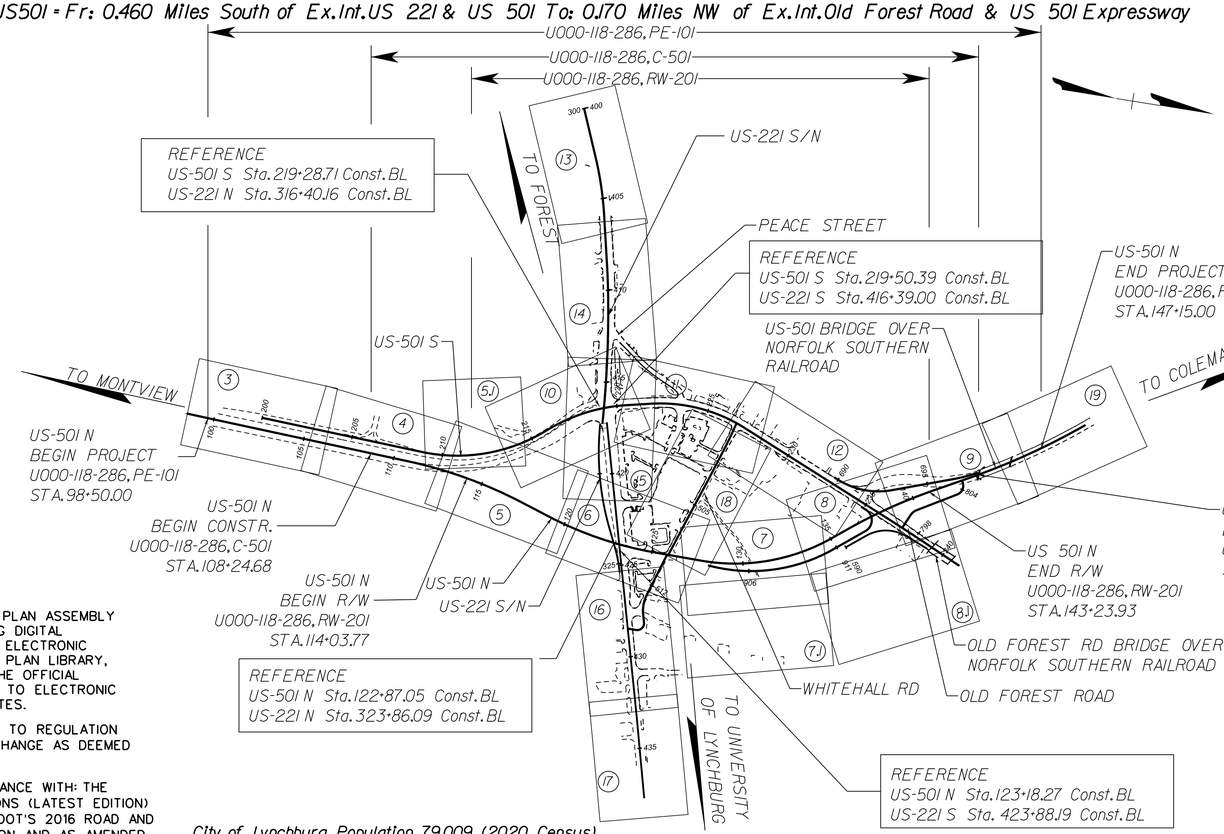
US501 = Fr: 0.460 Miles South of Ex.Int.US 221 & US 501 To: 0.170 Miles NW of Ex.Int.Old Forest Road & US 501 Expressway

PROJECT MANAGER Dee Dee Cooper, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

CONVENTIONAL SIGNS

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

LEVEE OR EMBANKMENT
BRIDGES
CULVERTS
DROP INLET
POWER POLES
TELEPHONE OR TELEGRAPH POLES
TELEPHONE OR TELEGRAPH LINES
HEDGE
TREES
HEAVY WOODS
GROUND ELEVATION
GRADE ELEVATION



SCALE
0' 400' 800'

City of Lynchburg Population 79,009 (2020 Census)

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	EQUALITIES FEET	LENGTH INCLUDING BRIDGE(S) FEET	LENGTH INCLUDING BRIDGE(S) MILES	LENGTH EXCLUDING BRIDGE(S) FEET	LENGTH EXCLUDING BRIDGE(S) MILES	BRIDGE PROJECT NO.	TYPE PROJECT	DESCRIPTION
U000-118-286	PE-101	NHPP-5118(301)	PENG	113116		4865.00	0.921	4719.87	0.894		PREL. ENGR	FROM: 0.19MI S OF BREEZEWOOD TO: 0.02MI NORTH OF OVERPASS
	RW-201		ROWA			2920.16	0.553	2775.03	0.526		R/W	FROM: 0.1MI N OF BREEZEWOOD TO:0.05MI S OF BRIDGE
	C-501		1000			3571.53	0.676	3426.40	0.649		CONSTR.	FROM: 0.007MI N OF BREEZEWOOD TO:0.003MI N OF BRIDGE
	US-501 N	NHPP-5118(301)	BRIDGE	113116		145.13	0.027				CONSTR.	

Project Lengths are based on US501N construction baseline.

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 CITY OF LYNCHBURG STANDARDS AND SPECIFICATIONS (LATEST EDITION) VDOT'S 2020 ROAD AND BRIDGE SPECIFICATIONS, VDOT'S 2016 ROAD AND BRIDGE STANDARDS, FHWA'S 2025 MUTCD 11th EDITION, AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

ALL CURVES ARE TO BE SUPERELEVATED, TRANSITIONED AND IN ACCORDANCE WITH AASHTO'S GEOMETRIC DESIGN OF HIGHWAYS AND STREETS. SEE EACH HORIZONTAL CURVE DATA FOR SUPERELEVATION RATE AND DESIGN ENVIRONMENT

THE ORIGINAL APPROVED TITLE SHEET(S), INCLUDING ORIGINAL SIGNATURES, ARE 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.

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA

OTHER PRINCIPAL ARTERIAL WITH SHOULDER DESIGN: GS-5

US-501 N	Fr: Breezewood Connector To: US-221	Fr: US-221 To: Norfolk Southern RR Bridge W of Old Forest Rd
ADT (2018)	35200	33600
ADT (2040)	41600	40000
DHV	3744	3600
D (%) (design hour)	60%	60%
T (%) (design hour)	2%	2%
V (MPH)	*45 - 35 MPH (Design)	*35 MPH (Design)

(URBAN) MINOR ARTERIAL: GS-6

US-221	Fr: Jefferson Ridge Parkway To: Country Place Lane
ADT (2021)	16000
ADT (2040)	21200
DHV	1908
D (%) (design hour)	60%
T (%) (design hour)	2%
V (MPH)	*35 MPH (Design)

OTHER PRINCIPAL ARTERIAL: GS-5

CURB & GUTTER		SHOULDER DESIGN
US-501 S	Fr: Norfolk Southern RR Bridge on Old Forest Rd To: US-221 (Lakeside Dr)	Fr: US-221 To: Breezewood Connector
ADT (2021)	34000	34000
ADT (2040)	18400	40800
DHV	1656	3672
D (%) (design hour)	55%	60%
T (%) (design hour)	2%	2%
V (MPH)	*35 MPH (Design)	*35 MPH (Design)

URBAN LOCAL STREET SYSTEM (GS-8)

STREET WITH CURB & GUTTER	
Whitehall Road	Entire Length
ADT (2021)	1200
ADT (2040)	2000
DHV	180
D (%) (design hour)	70%
T (%) (design hour)	2%
V (MPH)	*25 MPH (Design)

	Ramp A	Ramp B	Ramp C	Ramp D
	Fr: US-501 N To: Old Forest Rd	Fr: US-501 To: US-501S (Old Forest RD)	Fr: Old Forest Road To: US-501 (NW Expwy.)	Fr: US-501 N To: US-501S (Old Forest Rd)
ADT (2018)	N/A	8,750	250	N/A
ADT (2040)	12,100	10,650	350	1,163 (for design purpose)
DHV	1,090	960	30	100 (for design purpose)
D (%) (design hour)	100%	100%	10%	100%
T (%) (design hour)	2%	2%	2%	2%
V (MPH)	*25 MPH (Design)	*30 MPH (Design)	*20 MPH (Design)	*20 MPH (Design)

* See Plan and Profile Sheets for horizontal and vertical curve design speed data
Design Speed of Ramps are the Controlling Speed per AASHTO Table 10-1

DESIGN EXCEPTIONS

Design Exception	Description	Approval Date:
Design Speed	The design speed for the beginning of Ramp C is 15 mph in lieu of the required design speed of 20 mph	Pending
Design Speed	The design speed along Ramp D from Sta. 912+80.75 to Sta. 914+18.83 is 15 mph in lieu of the required design speed of 20 mph	Pending

City Project No. PGA T0272/ENG 24034-R

CITY OF LYNCHBURG APPROVALS	
DATE	CITY ENGINEER
DATE	UTILITY ENGINEER
DATE	VA EROSION & STORMWATER MANAGER

TIER 1 PROJECT

LOCALLY ADMINISTERED PROJECTS	
CITY OF LYNCHBURG	
(SIGNATURE) LEE NEWLAND	
RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION	
DATE	TITLE OF POSITION
(SIGNATURE) LEE NEWLAND	
RECOMMENDED FOR APPROVAL FOR CONSTRUCTION	
DATE	TITLE OF POSITION

REVISED

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PH 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

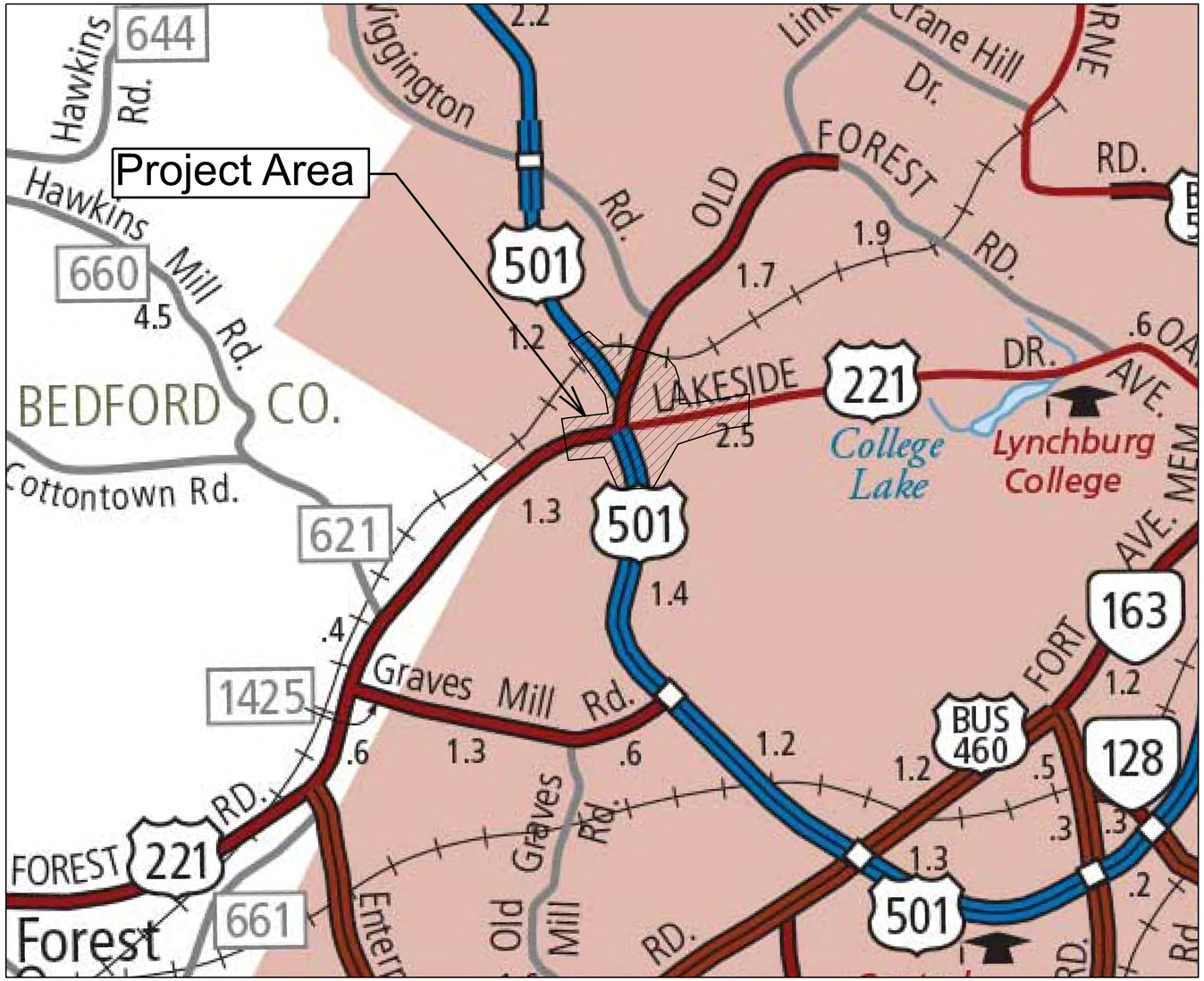
ADDITIONAL EASEMENT FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

LOCATION MAP

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1A

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



NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 1A

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PH PLANS

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DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1B

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

SHEET NO.	DESCRIPTION	STATIONS:	
1	Title Sheet		
1A	Location Map		
1B	Index of Sheets		
1C	R/W Data Sheet		
* 1D	Revision Data Sheet		
* 1E	Hydrologic Data Sheet		
1F(1) - 1F(5)	Construction Alignment Data Sheets		
* 1Fa(1)	Survey Alignment Data Sheet		
1G(1) - 1G(11)	Maintenance of Traffic / Sequence of Construction Typical Sections and Plans Sheets		
* 2	General Notes		
2A(1) - 2A(14)	Typical Sections		
2B	Existing Drainage Structures		
* 2C(1) - 2C(3)	Drainage Summary		
* 2D(1) - 2D(4)	Drainage Descriptions		
* 2E	Erosion Control Summary		
2F(1) - 2F(3)	Stormwater Pollution Prevention Plans Notes		
* 2G	Pavement Summary		
* 2H	Grading Diagram and Summary		
2I	Roadway Details Sheet		
* 2J(1) - 2J(9)	Drainage Details Sheet		
* 2K(1)	Underdrain Summary		
* 2L(1) - 2L(3)	Ditch Summary		
2M(1) - 2M(X)	Erosion Control Detail Sheets		
2N(1) - 2N(X)	Stormwater Management Basin Sheets		
3 - 3A(1) 3B	Roadway Plan Sheet and Roadway Profile Sheet Erosion and Sediment Control Plan	Begin US-501N to 106+00.00	Begin US-501S to 203+25.00
4 - 4A(1) - 4A(2) 4B	Roadway Plan Sheet and Roadway Profile Sheets Erosion and Sediment Control Plan	US-501N: 106+00.00 to 113+00.00	US-501S: 203+25.00 to 210+25.00
5 - 5A(1) - 5A(2) 5B	Roadway Plan Sheet and Roadway Profile Sheets Erosion and Sediment Control Plan	US-501N: 113+00.00 to 120+00.00	US-501S: 210+25.00 to 213+50.00
6 - 6A(1) - 6A(4) * 6INT 6B	Roadway Plan Sheet, Roadway Profile Sheets and Intersection Grading Detail (@ US-501N and US-221) Erosion and Sediment Control Plan	US-501N: 120+00.00 to 126+75.00 US-221EB: 321+50.00 to 326+25.00 WHITEHALL RD: 507+25.00 to 509+75.00	US-22IWB: 421+00.00 to 426+00.00
7 - 7A(1) - 7A(2) 7B	Roadway Plan Sheet and Roadway Profile Sheet Erosion and Sediment Control Plan	US-501N: 126+75.00 to 133+75.00	TLD: 899+84.55 to 907+00.00
8 - 8A(1) - 8A(6) * 8INT(1) - 8INT(2) 8B	Roadway Plan Sheet, Roadway Profile Sheets Intersection Grading Detail (@ US-501N and Old Forest) Erosion and Sediment Control Plan	US-501N: 133+75.00 to 139+50.00 TURN LANE A: 591+72.54 to 598+40.56 TURN LANE C: 800+88.94 to 799+56.97	US501S: 234+00.00 to 239+27.01 TURN LANE B: 699+79.55 to 702+13.53 TURN LANE D: 907+00.00 to 911+97.16
9 - 9A(1) - 9A(3) 9B	Roadway Plan Sheet and Roadway Profile Sheets Erosion and Sediment Control Plan	US-501N: 139+50.00 to 146+50.00 TURN LANE C: 795+14.09 to 799+56.97	TURN LANE B: 702+13.53 to 706+85.11
10 - 10A(1) 10B	Roadway Plan Sheet and Roadway Profile Sheets Erosion and Sediment Control Plan	US-501S: 213+50.00 to 217+50.00	
11 - 11A(1) - 11A(2) 11B	Roadway Plan Sheet and Roadway Profile Sheets Erosion and Sediment Control Plan	US-501S: 221+00.00 to 227+50.00	WHITEHALL RD: 500+00.00 to 501+25.00
12 - 12A(1) - 12A(2) 12B	Roadway Plan Sheet and Roadway Profile Sheets Erosion and Sediment Control Plan	US-501S: 227+50.00 to 234+00.00 TURN LANE D: 911+91.16	TURN LANE B: 696+32.22 to 699+79.55
13 - 13A(1) 13B	Roadway Plan Sheet and Roadway Profile Sheets Erosion and Sediment Control Plan	BEGIN US-221 EB: 302+19.83 to 307+00.00 BEGIN US-221 WB: 402+19.83 to 407+00.00	
14 - 14A(1) 14B	Roadway Plan Sheet, Roadway Profile Sheets Erosion and Sediment Control Plan	US-221 EB: 307+00.00 to 314+00.00	US-221 WB: 407+00.00 to 414+00.00
15 - 15A(1) - 15A(4) * 15INT 15B	Roadway Plan Sheet, Roadway Profile Sheets and Intersection Grading Detail (@ US-501S and US-221) Erosion and Sediment Control Plan	US-221 EB: 314+00.00 to 321+50.00 US-501S: 217+75.00 to 221+00.00	US-221 WB: 414+00.00 to 421+00.00
16 - 16A(1) - 16A(2) 16B	Roadway Plan Sheet and Roadway Profile Sheets Erosion and Sediment Control Plan	US-221 EB: 326+25.00 to 333+00.00 WHITEHALL RD: 509+75.00 to 515+80.40	US-221 WB: 426+00.00 to 433+00.00
17 - 17A(1) - 17A(1) 17B	Roadway Plan Sheet and Roadway Profile Sheets Erosion and Sediment Control Plan	US-221 EB: 333+00.00 to 335+79.96	US-221 WB: 433+00.00 to 435+70.36
18 - 18A(1) 18B	Roadway Plan Sheet and Roadway Profile Sheet Erosion and Sediment Control Plan	WHITEHALL RD: 501+25.00 to 507+25.00	
19 19B	Roadway Plan Sheet Erosion and Sediment Control Plan		
20(1) - 20(5)	Entrance Profile sheets		
* 21(1) - 21(41)	Storm Sewer Profile Sheets		
22(1) - 22(19)	Signing & Pavement Marking Plan Sheets		
23(1) - 23(4)	Signal Plan Sheets		
* 24(1) - 24(12)	Water & Sanitary Relocation Sheets		
* 25(1) - 25(9)	Landscaping Plan Sheets		
* 26(1) - 26(10)	Water Betterment Plans		
* 27 * 27E(1) - 27E(2) * 28 * 28E(1) - 28E(2) 29(1) - 29(2)	North Pond Plan Sheet Phased Erosion and Sediment Control Plan South Pond Plan Sheet Phased Erosion and Sediment Control Plan Retaining Wall Profile Sheets		
* 30(1) - 30(17)	Lighting Plans		
TOTAL CROSS SECTION SHEETS			

* DENOTES SHEETS NOT INCLUDED IN THIS PLAN SET

PROJECT	SHEET NO.
U000-118-286	1B

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IC

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

RIGHT OF WAY DATA SHEET

PARCEL NO.	LANDOWNER	SHEET NO.	TOTAL RECORD AREA	FEE TAKING	PRESCRIPTIVE EASEMENT	FEE REMAINDER	EASEMENTS				PROFFERS
							PERMANENT	UTILITY	TEMPORARY	TEMPORARY(ENTRANCES)	
			ACRES	SQUARE FEET	ACRES	ACRES	SQUARE FEET	SQUARE FEET	SQUARE FEET	SQUARE FEET	YES / NO
001	IREIT LYNCHBURG LAKESIDE, L. L. C	6, 11, 15, & 18	6.386			6.386	191		16,717		
002	IREIT LYNCHBURG LAKESIDE, L. L. C	6 & 16	0.434			0.434	982		4,338		
003	SHAROLYN E. HERNDON	6 & 7	0.459	865		0.439	51		698		
004	CHAS A. FLOYD, LLC	7	0.830			0.830	787				
005	TERRY D. DEMENT	8	0.388	0.388 AC		0.000					
006	HEIRS OF WYATT D. WOOD	8 & 9	0.906	0.906 AC		0.000					
007	LYNCHBURG REALTY, LLC	10	32,000 SF	235		31765 SF			603		
008	2501 LAKESIDE, LLC	10 & 15	1.087			1.087			387		
009	ULTIMATE SHINE PROPCO, LLC	11, 14, & 15	1.183	2792		1.119	185		3,642		
010	CHIEF INVESTMENTS, LLC	11	2.770			2.770			1,486		
011	CHIEF INVESTMENTS, LLC	11	1.310			1.310			1,423		
012	DOUGLAS G. PARKER	11	0.302			0.302			965		
013	C & P TELEPHONE	11 & 12	0.188			0.188			1,444		
014	C & P TELEPHONE	12	0.209			0.209			322		
015	SOLA GRATIA, LLC	12	0.947			0.947			743		
016	SOLA GRATIA, LLC	12	0.214			0.214			80		
017	UNIVERSITY OF VIRGINIA FOUNDATION	12	1.563			1.563			2,603		
018	OLD FOREST ROAD, LLC	11 & 15	0.195			0.195			537		
019	OLD FOREST ROAD, LLC	11	0.332			0.332			1,155		
020	CHARLES D. GRANT	11 & 18	1.123			1.123	1,170		3,162		
021	CHARLES D. GRANT	18	0.617			0.617	132		1,042		
022	SOLA FIDE, LLC	12	1.390			1.390			2,029		
023	CITY OF LYNCHBURG FIRE STATION #7	13	5.132	2015		5.086			1,269		
024	LAKESIDE DRIVE, LLC	13	0.400			0.400			159		
025	LAKESIDE DRIVE, LLC	13	0.400			0.400			569		
026	LAKESIDE DRIVE, LLC	13 & 14	0.398			0.398			475		
027	W. JUSTIN GILLIS ALAN D. GILLIS	14	0.285			0.285			222		
028	JUSTIN W. GILLIS ALAN D. GILLIS	14	0.360			0.360			249		
029	W. JUSTIN GILLIS ALAN D. GILLIS	14	0.130			0.130			394		
030	W. JUSTIN GILLIS ALAN D. GILLIS	14	0.603			0.603			1,347		
031	CHIEF INVESTMENTS, LLC	14	1.560			1.560			41		
032	WCI, L. C	13	3.052			3.052			89		
033	LYNCHBURG REALTY, LLC	13 & 14	2.912			2.912	580		1,321		
034	LYNCHBURG REALTY, LLC	14	0.159			0.159			566		
035	QUARRY ROAD PROPERTIES, LC	14	1.093			1.093			848		
036	HMO REAL ESTATE 52, LLC	14	1.097			1.097			737		
037	2501 LAKESIDE, LLC	15	0.423			0.423	622		1,407		
038	NFP, LLC	6 & 16	0.434	594		0.420			544		
039	GERTRUDE SCOTT LIFE ESTATE CAROLYN SCOTT WRIGHT GLEN OTEY SCOTT	7 & 16	2.328	751		2.311			455		
040	EE, LLC	16	4.720	732		4.703			13,190		
041	EE, LLC	16	2.558			2.558	283		4,177		
042	EE, LLC	5	35.190			35.190			768		

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IF(1)

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

McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER

CONSTRUCTION ALIGNMENT DATA

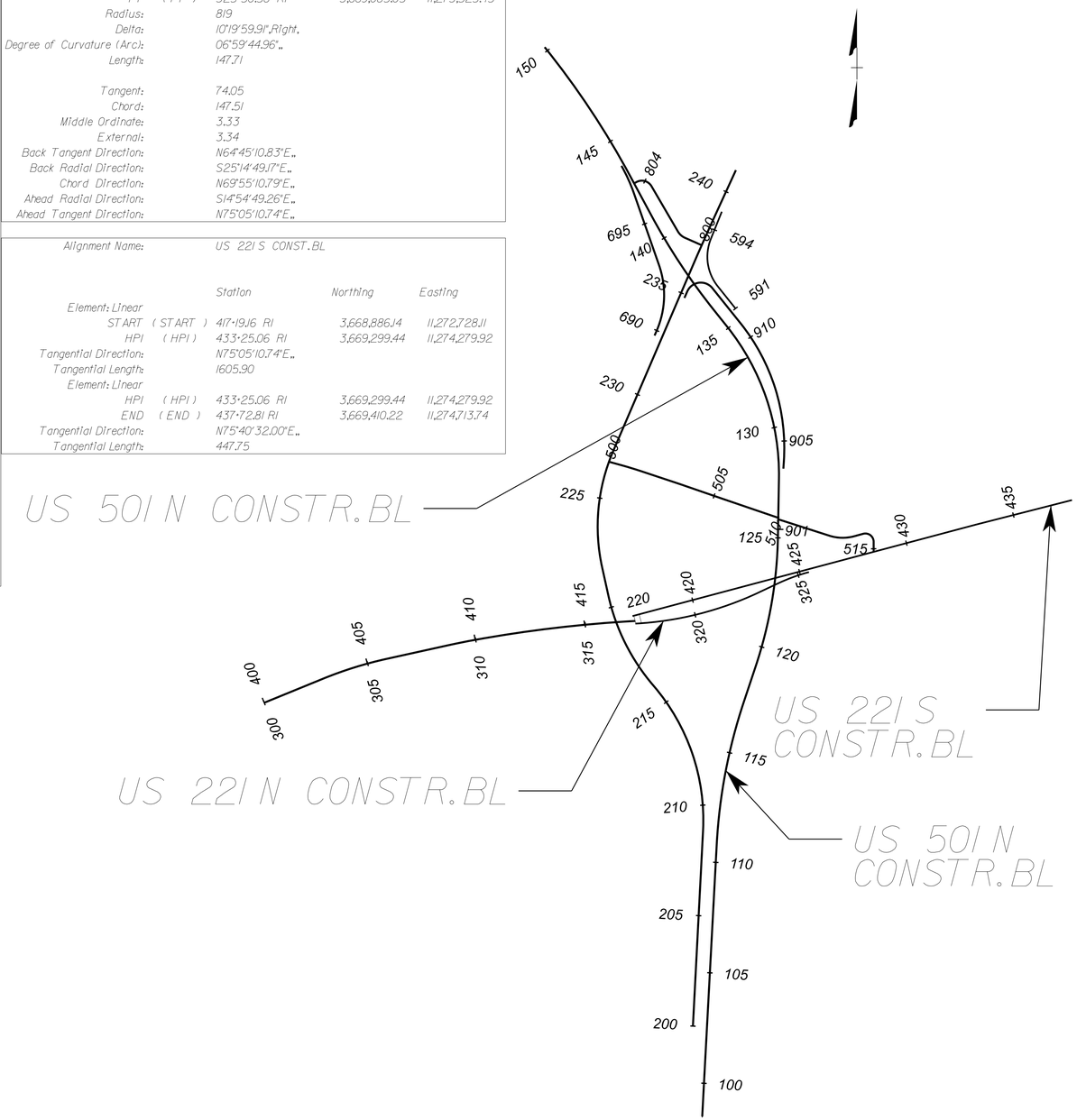
Alignment Name:		US 501 N CONST.BL		
		Station	Northing	Easting
Element: Linear				
START	(START)	99+93.71 RI	3,666,768.05	11,273,050.66
PC	(PC)	110+80.38 RI	3,667,853.17	11,273,108.65
Tangential Direction:		N03°03'31.98"E"		
Tangential Length:		1086.67		
Element: Circular				
PC	(PC)	110+80.38 RI	3,667,853.17	11,273,108.65
HPI	(HPI)	114+11.69 RI	3,668,184.01	11,273,126.32
CC	(CC)		3,667,722.43	11,275,555.15
PT	(PT)	117+39.01 RI	3,668,498.27	11,273,231.24
Radius:		2450		
Delta:		15°24'09.58",Right,		
Degree of Curvature (Arc):		02°20'18.97"		
Length:		658.63		
Tangent:		331.31		
Chord:		656.65		
Middle Ordinate:		22.10		
External:		22.30		
Back Tangent Direction:		N03°03'31.98"E"		
Back Radial Direction:		S86°56'28.02"E"		
Chord Direction:		N10°45'36.77"E"		
Ahead Radial Direction:		S71°32'18.44"E"		
Ahead Tangent Direction:		N18°27'41.56"E"		
Element: Linear				
PT	(PT)	117+39.01 RI	3,668,498.27	11,273,231.24
PC	(PC)	119+06.19 RI	3,668,656.84	11,273,284.18
Tangential Direction:		N18°27'41.56"E"		
Tangential Length:		167.18		
Element: Circular				
PC	(PC)	119+06.19 RI	3,668,656.84	11,273,284.18
HPI	(HPI)	122+09.06 RI	3,668,944.13	11,273,380.09
CC	(CC)		3,669,280.36	11,271,416.51
PT	(PT)	125+07.22 RI	3,669,246.96	11,273,385.23
Radius:		1969		
Delta:		17°29'22.21",Left,		
Degree of Curvature (Arc):		02°54'35.61"		
Length:		601.04		
Tangent:		302.87		
Chord:		598.71		
Middle Ordinate:		22.89		
External:		23.16		
Back Tangent Direction:		N18°27'41.56"E"		
Back Radial Direction:		S71°32'18.44"E"		
Chord Direction:		N09°43'00.46"E"		
Ahead Radial Direction:		S89°01'40.64"E"		
Ahead Tangent Direction:		N00°58'19.36"E"		
Element: Linear				
PT	(PT)	125+07.22 RI	3,669,246.96	11,273,385.23
PC	(PC)	127+68.66 RI	3,669,508.36	11,273,389.66
Tangential Direction:		N00°58'19.36"E"		
Tangential Length:		261.44		
Element: Circular				
PC	(PC)	127+68.66 RI	3,669,508.36	11,273,389.66
HPI	(HPI)	131+54.35 RI	3,669,894.00	11,273,396.21
CC	(CC)		3,669,526.51	11,272,319.82
PT	(PT)	135+09.02 RI	3,670,195.12	11,273,155.20
Radius:		1070		
Delta:		39°38'39.34",Left,		
Degree of Curvature (Arc):		05°21'17.09"		
Length:		740.36		
Tangent:		385.69		
Chord:		725.68		
Middle Ordinate:		63.40		
External:		67.39		
Back Tangent Direction:		N00°58'19.36"E"		
Back Radial Direction:		S89°01'40.64"E"		
Chord Direction:		N18°51'00.31"W"		
Ahead Radial Direction:		N51°19'40.02"E"		
Ahead Tangent Direction:		N38°40'19.98"W"		
Element: Linear				
PT	(PT)	135+09.02 RI	3,670,195.12	11,273,155.20
PC	(PC)	136+01.65 RI	3,670,267.43	11,273,097.33
Tangential Direction:		N38°40'19.98"W"		
Tangential Length:		92.63		

US 501 N CONST.BL continued				
Element: Circular				
PC	(PC)	136+01.65 RI	3,670,267.43	11,273,097.33
HPI	(HPI)	138+61.73 RI	3,670,470.49	11,272,934.81
CC	(CC)		3,672,048.30	11,275,322.42
PT	(PT)	141+20.37 RI	3,670,699.61	11,272,811.73
Radius:		2850		
Delta:		10°25'42.30",Right,		
Degree of Curvature (Arc):		02°00'37.36"		
Length:		518.730		
Tangent:		260.08		
Chord:		518.01		
Middle Ordinate:		11.79		
External:		11.84		
Back Tangent Direction:		N38°40'19.98"W"		
Back Radial Direction:		N51°19'40.02"E"		
Chord Direction:		N33°27'28.83"W"		
Ahead Radial Direction:		N61°45'22.32"E"		
Ahead Tangent Direction:		N28°14'37.68"W"		
Element: Linear				
PT	(PT)	141+20.37 RI	3,670,699.61	11,272,811.73
END	(END)	143+16.28 RI	3,670,872.19	11,272,719.02
Tangential Direction:		N28°14'37.68"W"		
Tangential Length:		195.90		
Element: Circular				
PC	(PC)	143+16.28 RI	3,670,872.19	11,272,719.02
HPI	(HPI)	146+69.00 RI	3,671,182.91	11,272,552.11
CC	(CC)		3,669,064.60	11,269,354.07
PT	(PT)	150+19.73 RI	3,671,457.82	11,272,331.11
Radius:		3819.72		
Delta:		10°33'06.14",Left,		
Degree of Curvature (Arc):		01°29'60.00"		
Length:		703.45		
Tangent:		352.72		
Chord:		702.45		
Middle Ordinate:		16.18		
External:		16.25		
Back Tangent Direction:		N28°14'37.68"W"		
Back Radial Direction:		N61°45'22.32"E"		
Chord Direction:		N33°31'10.75"W"		
Ahead Radial Direction:		N51°12'16.18"E"		
Ahead Tangent Direction:		N38°47'43.82"W"		

Alignment Name:		US 221 N CONST.BL		
		Station	Northing	Easting
Element: Circular				
PC	(PC)	317+26.51 RI	3,668,851.92	11,272,740.91
HPI	(HPI)	320+20.94 RI	3,668,868.40	11,273,034.87
CC	(CC)		3,670,361.55	11,272,656.28
PT	(PT)	323+08.09 RI	3,668,993.98	11,273,301.18
Radius:		1512		
Delta:		22°02'17.99",Left,		
Degree of Curvature (Arc):		03°47'21.85"		
Length:		581.58		
Tangent:		294.43		
Chord:		578.00		
Middle Ordinate:		27.88		
External:		28.40		
Back Tangent Direction:		N86°47'28.82"E"		
Back Radial Direction:		S03°12'31.18"E"		
Chord Direction:		N75°46'19.83"E"		
Ahead Radial Direction:		S25°14'49.17"E"		
Ahead Tangent Direction:		N64°45'10.83"E"		
Element: Linear				
PT	(PT)	323+08.09 RI	3,668,993.98	11,273,301.18
PC	(PC)	324+02.88 RI	3,669,034.41	11,273,386.91
Tangential Direction:		N64°45'10.83"E"		
Tangential Length:		94.79		

US 221 N CONST.BL continued				
		Station	Northing	Easting
Element: Circular				
PC	(PC)	324+02.88 RI	3,669,034.41	11,273,386.91
HPI	(HPI)	324+76.93 RI	3,669,065.99	11,273,453.89
CC	(CC)		3,668,293.64	11,273,736.23
PT	(PT)	325+50.58 RI	3,669,085.05	11,273,525.45
Radius:		819		
Delta:		10°19'59.91",Right,		
Degree of Curvature (Arc):		06°59'44.96"		
Length:		147.71		
Tangent:		74.05		
Chord:		147.51		
Middle Ordinate:		3.33		
External:		3.34		
Back Tangent Direction:		N64°45'10.83"E"		
Back Radial Direction:		S25°14'49.17"E"		
Chord Direction:		N69°55'10.79"E"		
Ahead Radial Direction:		S14°54'49.26"E"		
Ahead Tangent Direction:		N75°05'10.74"E"		

Alignment Name:		US 221 S CONST.BL		
		Station	Northing	Easting
Element: Linear				
START	(START)	417+19.16 RI	3,668,886.14	11,272,728.11
HPI	(HPI)	433+25.06 RI	3,669,299.44	11,274,279.92
Tangential Direction:		N75°05'10.74"E"		
Tangential Length:		1605.90		
Element: Linear				
HPI	(HPI)	433+25.06 RI	3,669,299.44	11,274,279.92
END	(END)	437+72.81 RI	3,669,410.22	11,274,713.74
Tangential Direction:		N75°40'32.00"E"		
Tangential Length:		447.75		



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

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PH PLANS

PROJECT	SHEET NO.
U000-118-286	IF(1)

PROJECT MANAGER Dee Dee Conner, P.E.(434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc.(804) 340-5229
DESIGN BY McCormick Taylor, Inc.(540) 248-0382
SUBSURFACE UTILITY BY, DATE

CONSTRUCTION ALIGNMENT DATA

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	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

McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER

Alignment Name: WHITEHALL ROAD WEST CONST.BL

		Station	Northing	Easting
Element: Linear				
START	(START)	500+00.00 RI	3,669,583.78	11,272,621.29
PC	(PC)	500+65.65 RI	3,669,566.15	11,272,684.53
Tangential Direction:		S74°25'44.75"E		
Tangential Length:		65.65		
Element: Circular				
PC	(PC)	500+65.65 RI	3,669,566.15	11,272,684.53
HPI	(HPI)	501+09.19 RI	3,669,554.47	11,272,726.47
CC	(CC)		3,667,832.22	11,272,201.35
PT	(PT)	501+52.71 RI	3,669,540.77	11,272,767.79
Radius:		1800		
Delta:		02°46'16.15",Right.		
Degree of Curvature (Arc):		03°10'59.16"		
Length:		87.06		
Tangent:		43.54		
Chord:		87.05		
Middle Ordinate:		0.53		
External:		0.53		
Back Tangent Direction:		S74°25'44.75"E		
Back Radial Direction:		S15°34'15.25"W		
Chord Direction:		S73°02'36.67"E		
Ahead Radial Direction:		S18°20'31.40"W		
Ahead Tangent Direction:		S71°39'28.60"E		
Element: Linear				
PT	(PT)	501+52.71 RI	3,669,540.77	11,272,767.79
HPI	(HPI)	503+34.96 RI	3,669,483.41	11,272,940.79
Tangential Direction:		S71°39'28.60"E		
Tangential Length:		182.26		
Element: Linear				
HPI	(HPI)	503+34.96 RI	3,669,483.41	11,272,940.79
HPI	(HPI)	505+37.91 RI	3,669,417.05	11,273,132.58
Tangential Direction:		S70°54'51.17"E		
Tangential Length:		202.95		
Element: Linear				
HPI	(HPI)	505+37.91 RI	3,669,417.05	11,273,132.58
END	(END)	508+06.32 RI	3,669,330.48	11,273,386.65
Tangential Direction:		S71°11'02.11"E		
Tangential Length:		268.41		

Alignment Name: WHITEHALL ROAD EAST CONST.BL

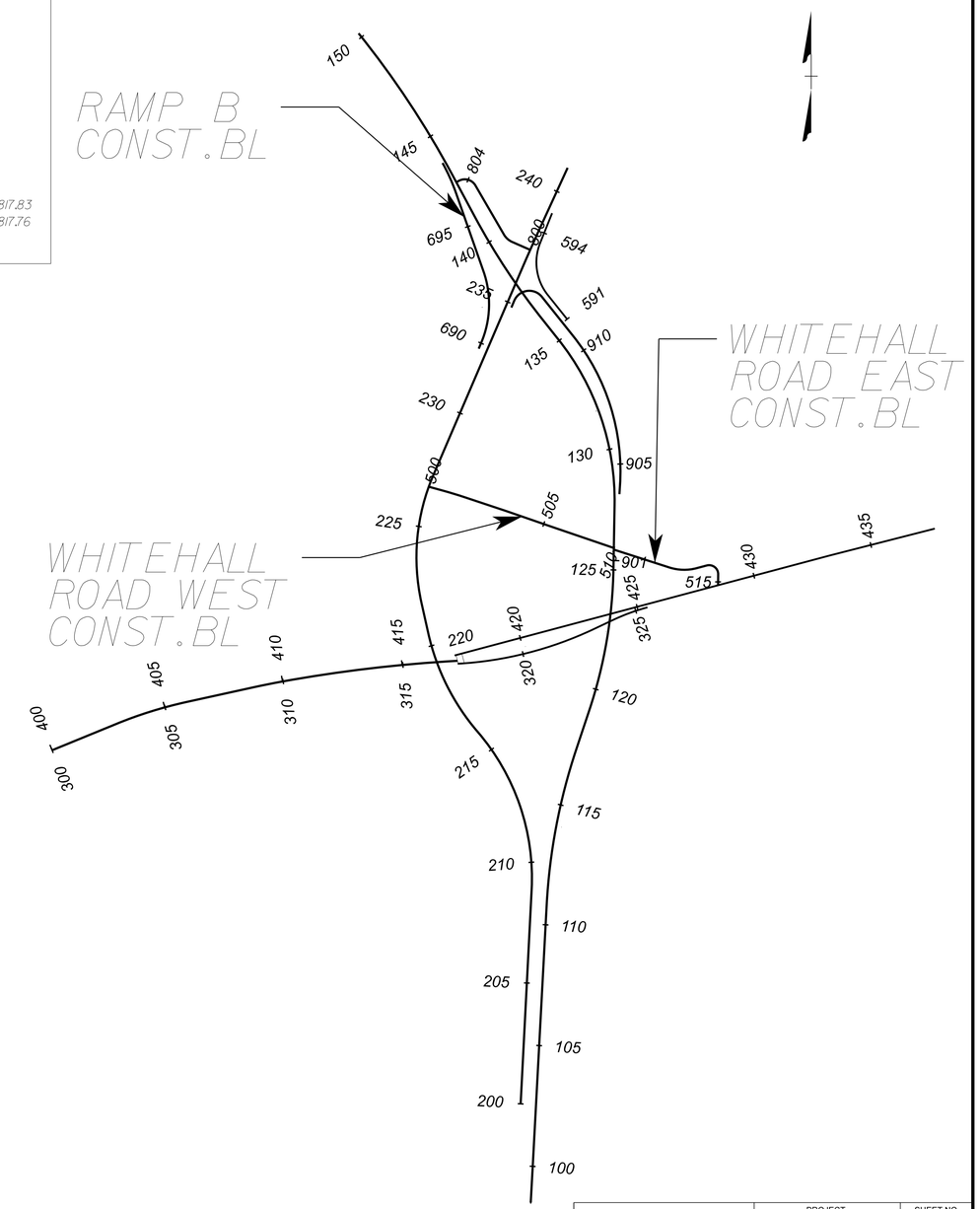
		Station	Northing	Easting
Element: Linear				
START	(START)	510+00.00 RI	3,669,323.77	11,273,386.53
HPI	(HPI)	512+42.30 RI	3,669,249.64	11,273,617.21
Tangential Direction:		S72°11'09.05"E		
Tangential Length:		242.30		
Element: Circular				
PC	(PC)	512+42.30 RI	3,669,249.64	11,273,617.21
HPI	(HPI)	513+00.44 RI	3,669,231.86	11,273,672.57
CC	(CC)		3,669,438.15	11,273,677.79
PT	(PT)	513+55.40 RI	3,669,246.82	11,273,728.75
Radius:		198.00		
Delta:		32°43'40.20",Left.		
Degree of Curvature (Arc):		28°56'14.15"		
Length:		113.10		
Tangent:		58.14		
Chord:		111.57		
Middle Ordinate:		8.02		
External:		8.36		
Back Tangent Direction:		S72°11'09.05"E		
Back Radial Direction:		S17°48'50.95"W		
Chord Direction:		S88°32'59.16"E		
Ahead Radial Direction:		S14°54'49.26"E		
Ahead Tangent Direction:		N75°05'10.74"E		
Element: Linear				
PT	(PT)	513+55.40 RI	3,669,246.82	11,273,728.75
PC	(PC)	513+99.45 RI	3,669,258.16	11,273,771.31
Tangential Direction:		N75°05'10.74"E		
Tangential Length:		44.05		

WHITEHALL ROAD EAST CONST.BL continued

Element: Circular				
PC	(PC)	513+99.45 RI	3,669,258.16	11,273,771.31
HPI	(HPI)	514+47.66 RI	3,669,270.57	11,273,817.90
CC	(CC)		3,669,222.41	11,273,780.83
PT	(PT)	514+67.25 RI	3,669,222.35	11,273,817.83
Radius:		37.00		
Delta:		105°00'00.00",Right.		
Degree of Curvature (Arc):		154°51'57.28"		
Length:		67.80		
Tangent:		48.22		
Chord:		58.70		
Middle Ordinate:		14.48		
External:		23.78		
Back Tangent Direction:		N75°05'10.74"E		
Back Radial Direction:		S14°54'49.26"E		
Chord Direction:		S52°24'49.26"E		
Ahead Radial Direction:		N89°54'49.26"W		
Ahead Tangent Direction:		S00°05'10.74"W		
Element: Linear				
PT	(PT)	514+67.25 RI	3,669,222.35	11,273,817.83
END	(END)	515+13.24 RI	3,669,176.36	11,273,817.76
Tangential Direction:		S00°05'10.74"W		
Tangential Length:		46.00		

Alignment Name: RAMP B CONST.BL

		Station	Northing	Easting
Element: Linear				
START	(START)	689+95.00 RI	3,670,172.55	11,272,835.62
PC	(PC)	690+00.00 RI	3,670,177.15	11,272,837.59
Tangential Direction:		N23°14'39.96"E		
Tangential Length:		5.00		
Element: Circular				
PC	(PC)	690+00.00 RI	3,670,177.15	11,272,837.59
HPI	(HPI)	691+58.89 RI	3,670,323.14	11,272,900.30
CC	(CC)		3,670,338.17	11,272,462.71
PT	(PT)	693+03.04 RI	3,670,473.09	11,272,847.75
Radius:		408		
Delta:		42°33'20.34",Left.		
Degree of Curvature (Arc):		14°02'35.10"		
Length:		303.04		
Tangent:		158.89		
Chord:		296.12		
Middle Ordinate:		27.81		
External:		29.85		
Back Tangent Direction:		N23°14'39.96"E		
Back Radial Direction:		S66°45'20.04"E		
Chord Direction:		N01°57'59.79"E		
Ahead Radial Direction:		N70°41'19.62"E		
Ahead Tangent Direction:		N19°18'40.38"W		
Element: Linear				
PT	(PT)	693+03.04 RI	3,670,473.09	11,272,847.75
PC	(PC)	696+47.76 RI	3,670,798.42	11,272,733.75
Tangential Direction:		N19°18'40.38"W		
Tangential Length:		344.72		
Element: Circular				
PC	(PC)	696+47.76 RI	3,670,798.42	11,272,737.75
HPI	(HPI)	697+15.60 RI	3,670,862.45	11,272,711.32
CC	(CC)		3,670,538.82	11,271,992.92
PT	(PT)	697+83.11 RI	3,670,921.67	11,272,678.23
Radius:		785		
Delta:		09°52'44.84",Left.		
Degree of Curvature (Arc):		07°17'55.77"		
Length:		135.35		
Tangent:		67.84		
Chord:		135.19		
Middle Ordinate:		2.92		
External:		2.93		
Back Tangent Direction:		N19°18'40.38"W		
Back Radial Direction:		N70°41'19.62"E		
Chord Direction:		N24°15'02.79"W		
Ahead Radial Direction:		N60°48'34.79"E		
Ahead Tangent Direction:		N29°11'25.21"W		



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PH PLANS

PROJECT	SHEET NO.
U000-118-286	1F(2)

PROJECT MANAGER Dee Dee Conner, P.E.(434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc.(804) 340-5229
DESIGN BY McCormick Taylor, Inc.(540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1F(3)

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

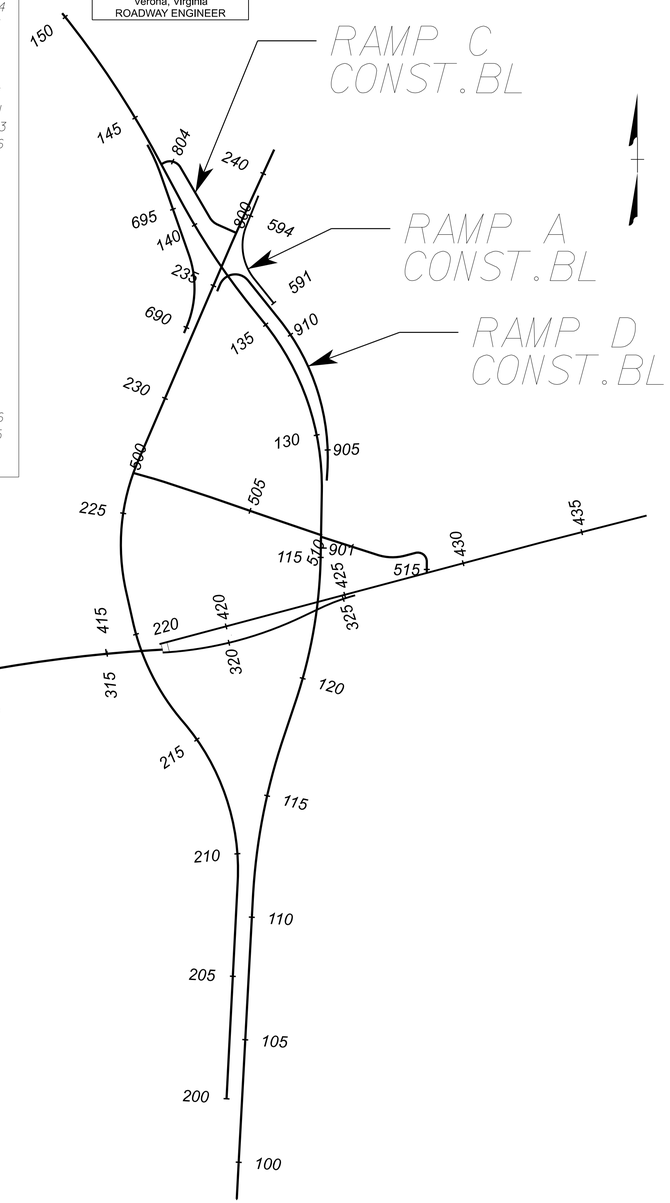
McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER

CONSTRUCTION ALIGNMENT DATA

Alignment Name:		Ramp D		
		Station	Northing	Easting
Element: Linear				
START	(START)	903+75.00 RI	3,669,552.66	11,273,409.69
PC	(PC)	904+07.22 RI	3,669,584.81	11,273,411.90
Tangential Direction:		N03°55'57.81"E		
Tangential Length:		32.22		
Element: Circular				
PC	(PC)	904+07.22 RI	3,669,584.81	11,273,411.90
HPI	(HPI)	907+58.16 RI	3,669,934.92	11,273,435.97
CC	(CC)		3,669,646.53	11,272,514.02
PT	(PT)	910+76.45 RI	3,670,208.91	11,273,216.68
Radius:		900		
Delta:		42°36'17.79", Left		
Degree of Curvature (Arc):		06°21'58.31"		
Length:		669.24		
Tangent:		350.94		
Chord:		653.92		
Middle Ordinate:		61.49		
External:		66.00		
Back Tangent Direction:		N03°55'57.81"E		
Back Radial Direction:		S86°04'02.19"E		
Chord Direction:		N17°22'11.09"W		
Ahead Radial Direction:		N51°19'40.02"E		
Ahead Tangent Direction:		N38°40'19.98"W		
Element: Linear				
PT	(PT)	910+76.45 RI	3,670,208.91	11,273,216.68
PC	(PC)	912+80.75 RI	3,670,368.41	11,273,089.02
Tangential Direction:		N38°40'19.98"W		
Tangential Length:		204.30		
Element: Circular				
PC	(PC)	912+80.75 RI	3,670,368.41	11,273,089.02
HPI	(HPI)	913+92.44 RI	3,670,455.61	11,273,019.23
CC	(CC)		3,670,326.55	11,273,036.71
PT	(PT)	914+18.83 RI	3,670,352.99	11,272,975.15
Radius:		67		
Delta:		118°05'00.06", Left		
Degree of Curvature (Arc):		85°30'57.92"		
Length:		138.08		
Tangent:		111.69		
Chord:		114.91		
Middle Ordinate:		32.53		
External:		63.25		
Back Tangent Direction:		N38°40'19.98"W		
Back Radial Direction:		N51°19'40.02"E		
Chord Direction:		S82°17'09.99"W		
Ahead Radial Direction:		N66°45'20.04"W		
Ahead Tangent Direction:		S23°14'39.96"W		
Element: Linear				
PT	(PT)	914+18.83 RI	3,670,352.99	11,272,975.15
END	(END)	914+50.00 RI	3,670,324.35	11,272,962.85
Tangential Direction:		S23°14'39.96"W		
Tangential Length:		31.17		

Alignment Name:		Ramp C		
		Station	Northing	Easting
Element: Linear				
START	(START)	800+00.00 RI	3,670,562.61	11,273,040.76
PC	(PC)	800+82.75 RI	3,670,596.08	11,272,965.08
Tangential Direction:		N66°08'35.26"W		
Tangential Length:		82.75		
Element: Circular				
PC	(PC)	800+82.75 RI	3,670,596.08	11,272,965.08
HPI	(HPI)	801+05.43 RI	3,670,605.25	11,272,944.34
CC	(CC)		3,670,660.10	11,272,993.39
PT	(PT)	801+26.61 RI	3,670,624.84	11,272,932.92
Radius:		70		
Delta:		35°53'57.57", Right		
Degree of Curvature (Arc):		81°51'04.01"		
Length:		43.86		
Tangent:		22.68		
Chord:		43.15		
Middle Ordinate:		3.41		
External:		3.58		
Back Tangent Direction:		N66°08'35.26"W		
Back Radial Direction:		N23°51'24.74"E		
Chord Direction:		N48°11'36.47"W		
Ahead Radial Direction:		N59°45'22.32"E		
Ahead Tangent Direction:		N30°14'37.68"W		
Element: Linear				
PT	(PT)	801+26.61 RI	3,670,624.84	11,272,932.92
PC	(PC)	803+63.66 RI	3,670,829.62	11,272,813.52
Tangential Direction:		N30°14'37.68"W		
Tangential Length:		237.05		
Element: Circular				
PC	(PC)	803+63.66 RI	3,670,829.62	11,272,813.52
HPI	(HPI)	804+11.95 RI	3,670,871.34	11,272,789.20
CC	(CC)		3,670,804.44	11,272,770.33
PT	(PT)	804+40.46 RI	3,670,848.49	11,272,746.67
Radius:		50		
Delta:		88°00'00.00", Left		
Degree of Curvature (Arc):		114°35'29.61"		
Length:		76.79		
Tangent:		48.28		
Chord:		69.47		
Middle Ordinate:		14.03		
External:		19.51		
Back Tangent Direction:		N30°14'37.68"W		
Back Radial Direction:		N59°45'22.32"E		
Chord Direction:		N7°14'37.68"W		
Ahead Radial Direction:		N28°14'37.68"W		
Ahead Tangent Direction:		S61°45'22.32"W		
Element: Linear				
PT	(PT)	804+40.46 RI	3,670,848.49	11,272,746.67
END	(END)	804+53.59 RI	3,670,842.27	11,272,735.10
Tangential Direction:		S61°45'22.32"W		
Tangential Length:		13.14		

Alignment Name:		RAMP A CONST BL.		
		Station	Northing	Easting
Element: Linear				
START	(START)	590+00.00 RI	3,670,276.23	11,273,193.54
PC	(PC)	591+28.14 RI	3,670,376.27	11,273,113.47
Tangential Direction:		N38°40'19.98"W		
Tangential Length:		128.14		
Element: Circular				
PC	(PC)	591+28.14 RI	3,670,376.27	11,273,113.47
HPI	(HPI)	592+53.55 RI	3,670,474.19	11,273,035.11
CC	(CC)		3,670,510.62	11,273,281.33
PT	(PT)	593+55.21 RI	3,670,590.60	11,273,081.76
Radius:		215		
Delta:		60°30'40.08", Right		
Degree of Curvature (Arc):		26°38'57.12"		
Length:		227.07		
Tangent:		125.41		
Chord:		216.66		
Middle Ordinate:		29.29		
External:		33.90		
Back Tangent Direction:		N38°40'19.98"W		
Back Radial Direction:		N51°19'40.02"E		
Chord Direction:		N08°24'59.94"W		
Ahead Radial Direction:		S68°09'39.90"E		
Ahead Tangent Direction:		N21°50'20.10"E		
Element: Linear				
PT	(PT)	593+55.21 RI	3,670,590.60	11,273,081.76
END	(END)	594+88.25 RI	3,670,714.09	11,273,131.25
Tangential Direction:		N21°50'20.10"E		
Tangential Length:		133.04		



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

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PH PLANS

8/19/2026
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Plotted By: cjturner

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229
DESIGN BY _ Dewberry, Inc. (804) 690-5960
SUBSURFACE UTILITY BY, DATE

CONSTRUCTION ALIGNMENT DATA

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	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

Dewberry, Inc.
Roanoke, Virginia
ROADWAY ENGINEER

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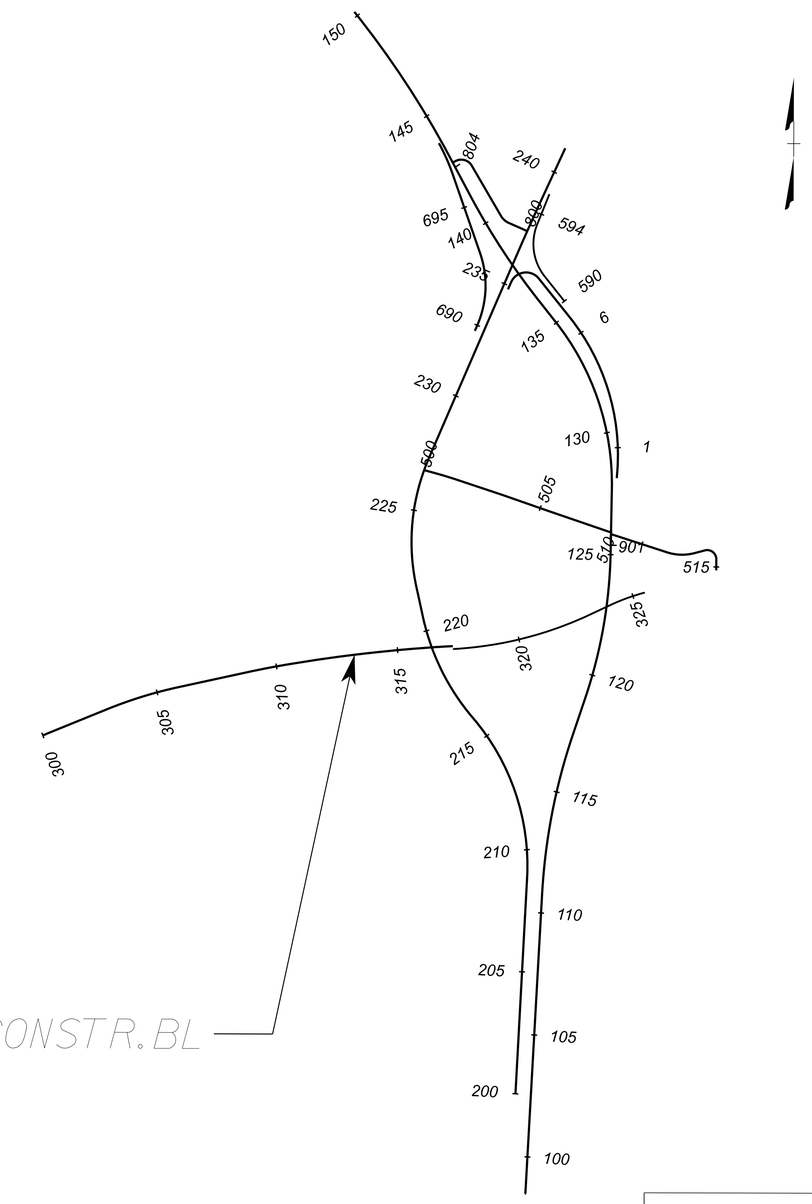
PH PLANS

		Station	Northing	Easting
Alignment Name:		US-221 NB CONST BL_DEW		
Element: Linear				
START	(START)	300+00.00 RI	3,668,494.44	11,271,063.74
PC	(PC)	302+86.19 RI	3,668,602.89	11,271,328.58
Tangential Direction:		N67°43'54.44"E"		
Tangential Length:		286.19		
Element: Circular				
PC	(PC)	302+86.19 RI	3,668,602.89	11,271,328.58
HPI	(HPI)	304+38.64 RI	3,668,660.66	11,271,469.66
CC	(CC)		3,666,970.45	11,271,997.03
PT	(PT)	305+90.34 RI	3,668,693.37	11,271,618.57
Radius:		1764		
Delta:		09°52'44.64",Right.		
Degree of Curvature (Arc):		03°14'53.02"		
Length:		304.15		
Tangent:		152.45		
Chord:		303.78		
Middle Ordinate:		6.55		
External:		6.58		
Back Tangent Direction:		N67°43'54.44"E"		
Back Radial Direction:		S22°16'05.56"E"		
Chord Direction:		N72°40'16.76"E"		
Ahead Radial Direction:		S12°23'20.92"E"		
Ahead Tangent Direction:		N77°36'39.08"E"		
Element: Linear				
PT	(PT)	305+90.34 RI	3,668,693.37	11,271,618.57
PC	(PC)	308+80.20 RI	3,668,755.56	11,271,901.68
Tangential Direction:		N77°36'39.08"E"		
Tangential Length:		289.87		
Element: Circular				
PC	(PC)	308+80.20 RI	3,668,755.56	11,271,901.68
HPI	(HPI)	309+36.44 RI	3,668,767.63	11,271,956.61
CC	(CC)		3,665,751.19	11,272,561.64
PCC	(PCC)	309+92.67 RI	3,668,777.68	11,272,011.94
Radius:		3076		
Delta:		02°05'41.49",Right.		
Degree of Curvature (Arc):		01°51'45.62"		
Length:		112.47		
Tangent:		56.24		
Chord:		112.46		
Middle Ordinate:		0.51		
External:		0.51		
Back Tangent Direction:		N77°36'39.08"E"		
Back Radial Direction:		S12°23'20.92"E"		
Chord Direction:		N78°39'29.82"E"		
Ahead Radial Direction:		S10°17'39.43"E"		
Ahead Tangent Direction:		N79°42'20.57"E"		
Element: Circular				
PCC	(PCC)	309+92.67 RI	3,668,777.68	11,272,011.94
HPI	(HPI)	313+60.06 RI	3,668,843.33	11,272,373.42
CC	(CC)		3,662,939.20	11,273,072.37
PT	(PT)	317+26.51 RI	3,668,863.90	11,272,740.23
Radius:		5934		
Delta:		07°05'08.26",Right.		
Degree of Curvature (Arc):		00°57'55.98"		
Length:		733.84		
Tangent:		367.39		
Chord:		733.38		
Middle Ordinate:		11.34		
External:		11.36		
Back Tangent Direction:		N79°42'20.57"E"		
Back Radial Direction:		S10°17'39.43"E"		
Chord Direction:		N83°14'54.70"E"		
Ahead Radial Direction:		S03°12'31.18"E"		
Ahead Tangent Direction:		N86°47'28.82"E"		



PROJECT	SHEET NO.
U000-118-286	IF(4)

8/19/2026
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Plotted By: cjturner

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929 _____
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _____
DESIGN BY _ Dewberry, Inc. (804) 690-5960 _____
SUBSURFACE UTILITY BY, DATE _____

CONSTRUCTION ALIGNMENT DATA

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IF(5)

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

Dewberry, Inc.
Roanoke, Virginia
ROADWAY ENGINEER

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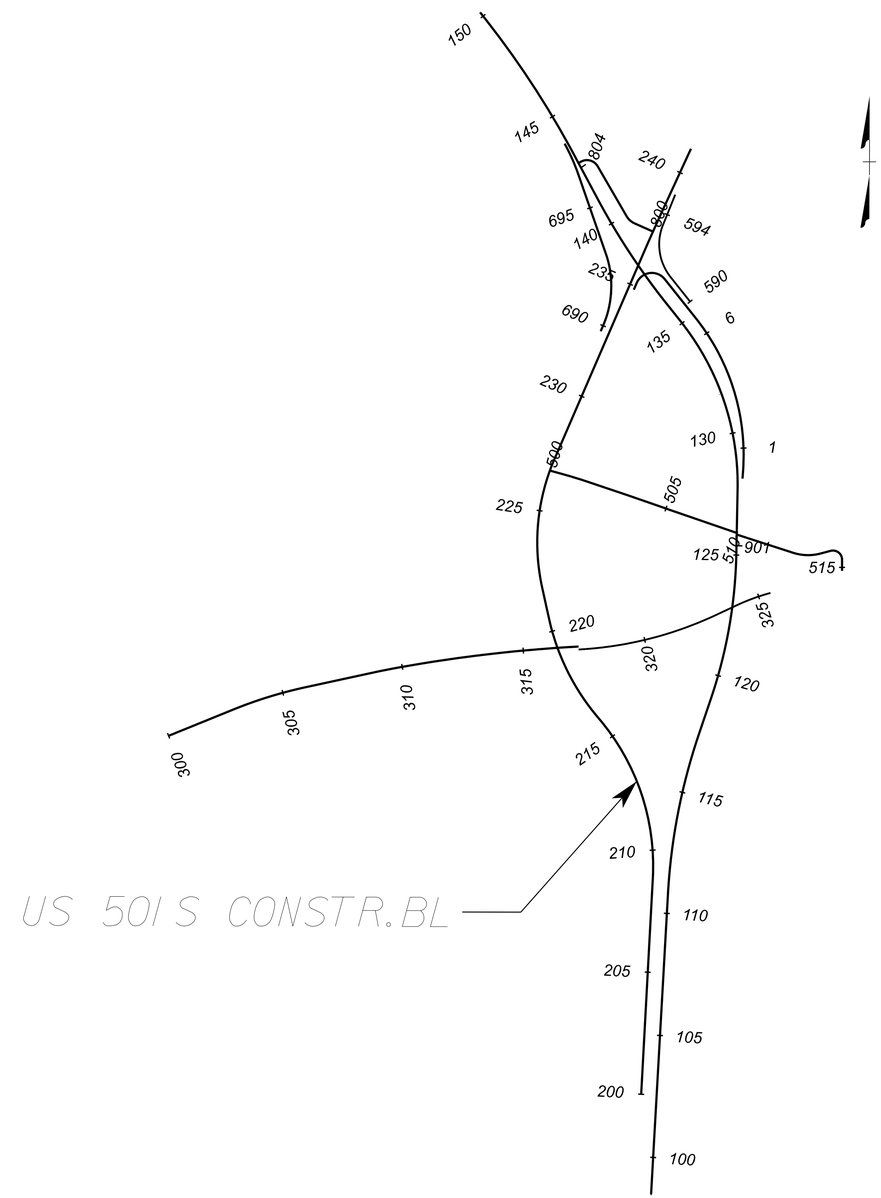
PH PLANS

Alignment Name:		US-501 SB CONST BL		
		Station	Northing	Easting
Element: Linear				
START	(START)	200+00.00 RI	3,667,032.78	11,273,001.20
PC	(PC)	208+85.93 RI	3,667,917.54	11,273,046.75
Tangential Direction:		N02°56'49.32"E„		
Tangential Length:		885.93		
Element: Circular				
PC	(PC)	208+85.93 RI	3,667,917.54	11,273,046.75
HPI	(HPI)	212+57.35 RI	3,668,288.47	11,273,065.84
CC	(CC)		3,667,965.25	11,272,119.97
PRC	(PRC)	215+92.53 RI	3,668,570.14	11,272,823.74
Radius:		928		
Delta:		43°37'35.24"Left.		
Degree of Curvature (Arc):		06°10'26.81"„		
Length:		706.6		
Tangent:		371.42		
Chord:		689.66		
Middle Ordinate:		66.44		
External:		71.57		
Back Tangent Direction:		N02°56'49.32"E„		
Back Radial Direction:		S87°03'10.68"E„		
Chord Direction:		N18°51'58.30"W„		
Ahead Radial Direction:		N49°19'14.08"E„		
Ahead Tangent Direction:		N40°40'45.92"W„		
Element: Circular				
PRC	(PRC)	215+92.53 RI	3,668,570.14	11,272,823.74
HPI	(HPI)	218+28.29 RI	3,668,748.94	11,272,670.06
CC	(CC)		3,669,182.86	11,273,536.60
PT	(PT)	220+54.52 RI	3,668,979.10	11,272,618.96
Radius:		940		
Delta:		28°09'35.72"Right.		
Degree of Curvature (Arc):		06°05'43.06"„		
Length:		461.99		
Tangent:		235.76		
Chord:		457.36		
Middle Ordinate:		28.24		
External:		29.11		
Back Tangent Direction:		N40°40'45.92"W„		
Back Radial Direction:		N49°19'14.08"E„		
Chord Direction:		N26°35'58.06"W„		
Ahead Radial Direction:		N77°28'49.80"E„		
Ahead Tangent Direction:		N12°31'10.20"W„		

Element: Linear				
PT	(PT)	220+54.52 RI	3,668,979.10	11,272,618.96
PC	(PC)	221+83.83 RI	3,669,105.33	11,272,590.93
Tangential Direction:		N12°31'10.20"W„		
Tangential Length:		129.3		
Element: Circular				
PC	(PC)	221+83.83 RI	3,669,105.33	11,272,590.93
HPI	(HPI)	224+61.62 RI	3,669,376.52	11,272,530.71
CC	(CC)		3,669,291.97	11,273,431.45
PT	(PT)	227+21.26 RI	3,669,631.76	11,272,640.34
Radius:		861		
Delta:		35°45'50.16"Right.		
Degree of Curvature (Arc):		06°39'16.42"„		
Length:		537.43		
Tangent:		277.8		
Chord:		528.75		
Middle Ordinate:		41.59		
External:		43.71		
Back Tangent Direction:		N12°31'10.20"W„		
Back Radial Direction:		N77°28'49.80"E„		
Chord Direction:		N05°21'44.88"E„		
Ahead Radial Direction:		S66°45'20.04"E„		
Ahead Tangent Direction:		N23°14'39.96"E„		
Element: Linear				
PT	(PT)	227+21.26 RI	3,669,631.76	11,272,640.34
PC	(PC)	236+30.25 RI	3,670,466.97	11,272,999.08
Tangential Direction:		N23°14'39.96"E„		
Tangential Length:		908.99		
Element: Circular				
PC	(PC)	236+30.25 RI	3,670,466.97	11,272,999.08
HPI	(HPI)	237+49.38 RI	3,670,576.43	11,273,046.09
CC	(CC)		3,666,615.14	11,281,966.86
PT	(PT)	238+68.49 RI	3,670,684.70	11,273,095.76
Radius:		9760		
Delta:		01°23'54.84"Right.		
Degree of Curvature (Arc):		00°35'13.37"„		
Length:		238.24		
Tangent:		119.12		
Chord:		238.23		
Middle Ordinate:		0.73		
External:		0.73		
Back Tangent Direction:		N23°14'39.96"E„		
Back Radial Direction:		S66°45'20.04"E„		
Chord Direction:		N23°56'37.38"E„		
Ahead Radial Direction:		S65°21'25.20"E„		
Ahead Tangent Direction:		N24°38'34.80"E„		
Element: Linear				
PT	(PT)	238+68.49 RI	3,670,684.70	11,273,095.76
END	(END)	241+07.47 RI	3,670,901.92	11,273,195.41
Tangential Direction:		N24°38'34.80"E„		
Tangential Length:		238.98		



PROJECT	SHEET NO.
U000-118-286	IF(5)

PROJECT MANAGER Dee Dee Conner, P.E.(434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc.(804) 340-5229
DESIGN BY McCormick Taylor, Inc.(540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(1)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
GENERAL NOTES

UNLESS OTHERWISE APPROVED OR DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL PLAN AND EXECUTE THE WORK IN ACCORDANCE WITH THIS MAINTENANCE OF TRAFFIC PLAN.

TRAFFIC CONTROL DEVICES AND SAFETY MEASURES SHALL COMPLY WITH THE FOLLOWING:

- VDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) (11TH EDITION)
- VDOT WORK AREA PROTECTION MANUAL (WAPM) (CURRENT EDITION)
- VDOT ROAD AND BRIDGE STANDARDS (CURRENT EDITION)
- VDOT ROAD AND BRIDGE SPECIFICATIONS (CURRENT EDITION)

THE SUGGESTED TRAFFIC CONTROL FEATURES DEPICT THE MAJOR TRAFFIC CONTROL ITEMS. DAILY CONTROL OF TRAFFIC INCLUDING THE PLACEMENT, MAINTENANCE AND REMOVAL OF TRAFFIC CONTROL DEVICES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

THE CONTRACTOR SHALL SUBMIT REVISED MAINTENANCE OF TRAFFIC PLANS TO THE ENGINEER FOR APPROVAL PRIOR TO THE BEGINNING OF ANY REVISED PHASE. THE REVISED MAINTENANCE OF TRAFFIC PLAN SHALL SHOW ALL NECESSARY TRAFFIC CONTROL DEVICES INCLUDING SIGNS, PAVEMENT MARKINGS, AND CHANNELIZING DEVICES.

ALL VEHICLES, EQUIPMENT, WORKERS AND THEIR ACTIVITIES ARE PROHIBITED FROM THE LANE AREAS RESERVED FOR TRAFFIC.

MEASURES SHALL BE TAKEN TO ENSURE ADEQUATE SIGHT DISTANCES DURING CONSTRUCTION OPERATIONS. TRAFFIC CONTROL DEVICES, SIGNS, CONSTRUCTION EQUIPMENT, MATERIAL STORAGE OR ANY OTHER OBSTACLE SHALL NOT BE ALLOWED TO INTERFERE WITH SIGHT DISTANCES FOR THIS PROJECT.

EQUIPMENT AND/OR MATERIALS SHALL NOT BE PLACED WITHIN THE ESTABLISHED CLEAR ZONE AND/OR THE DEFLECTION ZONE OF PHYSICAL BARRIERS.

ALL TRAFFIC CONTROL DEVICES AND SIGNS NECESSARY FOR THE MAINTENANCE OF TRAFFIC ARE TO BE PROVIDED, INSTALLED, MAINTAINED AND REMOVED BY THE CONTRACTOR AND SHALL BE KEPT CLEAN AND PROPERLY ALIGNED AT ALL TIMES.

ALL TRAFFIC CONTROL DEVICE LOCATIONS SHALL BE MARKED BY THE CONTRACTOR AND REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION.

ALL AREAS EXCAVATED DEEPER THAN 2" BELOW EXISTING PAVEMENT SURFACES AND WITHIN THE CLEAR ZONE, AT THE CONCLUSION OF EACH WORK DAY, SHALL BE BACKFILLED TO FORM AN APPROXIMATE 6:1 WEDGE, AGAINST THE EXISTING PAVEMENT SURFACES FOR THE SAFETY AND PROTECTION OF VEHICULAR TRAFFIC. ALL COSTS ASSOCIATED WITH PLACING, MAINTAINING, AND REMOVING THE 6:1 WEDGE SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS IN THE CONTRACT. NO OTHER COMPENSATION WILL BE ALLOWED.

ACCESS TO PRIVATE BUSINESSES AND RESIDENTIAL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES OR AS DIRECTED BY THE ENGINEER. CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS AT LEAST 72 HOURS IN ADVANCE OF DRIVEWAY CONSTRUCTION OR OTHER ACCESS IMPACTS.

CONTRACTOR SHALL HAVE ANY LANE CLOSURE/FLAGGING OPERATION COMPLETED BY THE NOTED TIME FRAMES SHOWN IN THE TRANSPORTATION MANAGEMENT PLAN (TMP). ALL DEVICES MUST BE REMOVED AND TRAFFIC FLOW ESTABLISHED WITHIN THE TIME FRAME.

CONTRACTOR SHALL PROVIDED PROTECTION FOR PEDESTRIANS WHEN CONSTRUCTION ACTIVITIES ARE ADJACENT TO THE SIDEWALK AND/OR PEDESTRIAN PATH.

CONTRACTOR SHALL PROTECT ANY OPEN TRENCH OR EXCAVATION THAT CROSSES ACTIVE ENTRANCES OR SIDEWALKS.

CONTRACTOR SHALL MAINTAIN PROPER POSITIVE DRAINAGE AND PROVIDE TEMPORARY DRAINAGE DEVICES AS NEEDED AND AS SHOWN IN THE EROSION AND SEDIMENT CONTROL PLANS DURING ALL PHASES OF WORK. COST TO BE INCLUDED IN OTHER ITEMS. NO SEPARATE PAYMENT WILL BE MADE.

EROSION AND SEDIMENT CONTROL MEASURES AND TEMPORARY DRAINAGE SHALL BE IN PLACE PRIOR TO THE BEGINNING OF CONSTRUCTION AND SHALL BE REVISED AS NEEDED THROUGH CONSTRUCTION PHASES.

THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE CONSTRUCTION, SIGNING, AND TRAFFIC MANAGEMENT PLAN WITH OTHER ADJACENT PROJECTS UNDER CONSTRUCTION.

RELOCATIONS OF TEMPORARY WORK ZONE ENTRANCES AS DETERMINED NECESSARY BY THE CONTRACTOR AND APPROVED BY THE ENGINEER WILL BE INCLUDED IN THE PRICE BID FOR OTHER APPROPRIATE ITEMS OF WORK WITH NO SEPARATE PAYMENT.

ALL VEHICLES, EQUIPMENT, WORKERS, AND THEIR ACTIVITIES SHALL BE RESTRICTED TO ONE SIDE OF THE ROADWAY DURING THE CONSTRUCTION PHASE OR OPERATION TO THE GREATEST EXTENT PRACTICABLE.

THE CONTRACTOR SHALL SCHEDULE ALL PHASES OF CONSTRUCTION IN SUCH A MANNER THAT ANY EXISTING UTILITIES INCLUDING WATER, SEWER, CABLE, POWER, ANY OVERHANGING UTILITY, AND ANY UNDERGROUND UTILITY SERVICE SHALL NOT BE INTERRUPTED.

THE CONTRACTOR SHALL, WHERE PRACTICABLE, INCREASE THE SHY DISTANCE OFFSET OF GROUP 2 CHANNELIZING DEVICES TO 2 FEET OR MORE IN AREAS WHERE NO WORK IS BEING PERFORMED FOR MORE THAN FIVE (5) CONSECUTIVE WORKING DAYS.

THE CONTRACTOR SHALL PLACE ADVANCED WARNING SIGNS AT LOCATIONS USED AS ENTRANCES BY TRUCKS AND OTHER CONSTRUCTION VEHICLES IN ACCORDANCE WITH THE WAPM.

TRAFFIC BARRIER SERVICE

TRAFFIC BARRIER SERVICE SHALL BE INSTALLED AND REMOVED SO AS NOT TO PRESENT ANY BLUNT END OR HAZARD TO THE MOTORING PUBLIC. THE PLACEMENT AND REMOVAL OF THE TRAFFIC BARRIER SERVICE AND BARRICADES ARE TO BE COORDINATED BY THE PROJECT SAFETY OFFICER. THE CONTRACTOR SHALL LIFT TRAFFIC BARRIER SERVICE INTO PLACE. SLIDING TRAFFIC BARRIER SERVICE INTO PLACE WILL NOT BE PERMITTED.

CONTRACTOR SHALL REFER TO APPENDIX A OF THE VDOT WORK AREA PROTECTION MANUAL FOR TEMPORARY BARRIER SERVICE ANCHORING REQUIREMENTS.

ANY IMPACT ATTENUATOR DAMAGED SHALL BE REPLACED WITHIN 3 DAYS. CONTRACTOR SHALL KEEP AN EXTRA VDOT APPROVED TL-3 IMPACT ATTENUATOR ON SITE AT ALL TIMES FOR USE.

SIGNS

ALL CONSTRUCTION SIGNS THAT GOVERN TRAFFIC FLOW THROUGH THE WORK ZONE SHALL BE COVERED OR REMOVED AND STORED AWAY FROM TRAFFIC WHEN NOT IN USE.

THE CONTRACTOR SHALL TEMPORARILY COVER ANY EXISTING SIGNS THAT ARE CONTRARY TO CONSTRUCTION SIGNS AND UNCOVER AT THE COMPLETION OF THE PROJECT AS DIRECTED BY THE ENGINEER.

THE LOCATION OF TEMPORARY TRAFFIC CONTROL SIGNS MAY BE ADJUSTED TO MEET FIELD CONDITIONS AND LIMIT OBSTRUCTION OF APPLICABLE EXISTING SIGNS.

THE CONTRACTOR WILL BE EXPECTED TO PROVIDE ONE PCMS BOARD ON APPROACHES ENTERING THE CONSTRUCTION AREA ON US 501, US 221, AND OLD FOREST RD (FIVE TOTAL PCMS) TO SUPPORT THE PROJECT. THE PCMS BOARDS SHALL MEET ALL REQUIREMENTS IN ACCORDANCE WITH THE SPECIAL PROVISION FOR "INTELLIGENT TRANSPORTATION SYSTEM - PORTABLE CHANGEABLE MESSAGE SIGN" INCLUDED IN THE CONTRACT AND WAPM APPENDIX D. PCMS BOARDS SHALL BE PLACED BY THE CONTRACTOR AT LOCATIONS DIRECTED BY THE ENGINEER.

ALL POST MOUNTED SIGNS SHALL BE STAKED IN THE FIELD PRIOR TO INSTALLATION AND LOCATIONS APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

PAVEMENT MARKINGS

ALL TEMPORARY PAVEMENT MARKINGS AND MARKERS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

ERADICATION OF CONFLICTING EXISTING PAVEMENT MARKINGS AND MARKERS SHALL BE IN ACCORDANCE WITH WAPM TTC-**.*.

THE ENGINEER SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE MODIFICATIONS TO EXISTING PAVEMENT MARKINGS AND MARKERS.

MOT SHEET INDEX

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(2a)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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PH PLANS

MAINTENANCE OF TRAFFIC PLAN

SEQUENCE OF CONSTRUCTION

PHASE 1:

1. PRIOR TO INSTALLING THE PHASE 1 TEMPORARY TRAFFIC CONTROL DEVICES AND SHIFTING TRAFFIC INTO THE PHASE 1 LANE CONFIGURATION, INSTALL THE PROPOSED US 221 CROSSPIPE AT STA 422+37 AND THE PROPOSED CROSSPIPE UNDER US 501 AT STA 218+70, UTILIZING SHORT-TERM SHOULDER AND LANE CLOSURES IN ACCORDANCE WITH WAPM TTC-**.* AND TTC-**.*.

2. INSTALL THE PROPOSED DRAINAGE ALONG THE SOUTHERN SIDE OF US 221 FROM STA 412+** RT TO STA 415+** RT. UTILIZE SHORT-TERM LANE CLOSURES AND SHIFTS IN ACCORDANCE WITH WAPM TTC-**.*, TTC-**.*, AND TTC-**.* TO INSTALL THE PROPOSED US 221 CROSSPIPE AT STA 412+92 AND INSTALL THE PROPOSED INLET ON THE NORTH SIDE OF US 221 AT STA 412+**. INSTALL TEMPORARY ASPHALT CURB AND APRON TO TEMPORARILY CONVEY WATER TO THIS INLET UNTIL THE PROPOSED NORTH SIDE WIDENING ON US 221 IS COMPLETED IN A LATER PHASE. INSTALL TEMPORARY PAVEMENT TO CONNECT THE EXISTING CURB RAMP ON THE NORTHEAST CORNER OF US 221/PEACE ST TO THE EXISTING SIDEWALK ALONG THE EAST SIDE OF PEACE ST.

3. AT THE EXISTING US 221/US 501 INTERSECTION, REMOVE THE ENTIRE MEDIAN ISLAND ON THE WESTERN APPROACH AND A PORTION OF THE MEDIAN ISLAND ON THE SOUTHERN APPROACH, AS SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS. REMOVE THE EXISTING INLET TOPS AND CAP THE EXISTING MEDIAN INLETS. FILL THE VOID WITH TEMPORARY PAVEMENT. UTILIZE SHORT-TERM LANE CLOSURES, LANE SHIFTS, AND FLAGGING IN ACCORDANCE WITH WAPM TTC-**.*, TTC-**.*, AND TTC-**.*.

4. UTILIZE A SHORT-TERM LANE CLOSURE ALONG US 501 NB IN ACCORDANCE WITH WAPM TTC-**.* TO INSTALL THE TEMPORARY PAVEMENT ALONG THE EASTERN SHOULDER FROM STA 212+81 RT TO STA 213+82 RT.

5. UTILIZE SHORT-TERM LANE SHIFTS, SHOULDER CLOSURES, AND LANE CLOSURES IN ACCORDANCE WITH WAPM TTC-**.*, TTC-**.*, AND TTC-**.* TO REMOVE A PORTION OF THE EXISTING CHANNELIZING ISLAND AT THE INTERSECTION OF US 501/BREEZEWOOD DR FROM STA 204+** TO STA 206+**, AS SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS. FILL THE VOID WITH TEMPORARY PAVEMENT.

6. AT THE INTERSECTION OF US 501/OLD FOREST RD, REMOVE THE EXISTING CHANNELIZING ISLANDS AND FILL THE VOID WITH TEMPORARY PAVEMENT. INSTALL THE TEMPORARY PAVEMENT ALONG THE WESTERN SIDE OF US 501/OLD FOREST RD AS SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS. INSTALL THE PROPOSED DRAINAGE JUNCTION BOX AT STA 238+** LT AND A PORTION OF THE PROPOSED PIPE FOR THE DRAINAGE ALONG FUTURE RAMP C. INSTALL THE PROPOSED PIPE EXTENSION AND HEADWALL ALONG THE WESTERN SIDE OF THE EXISTING US 501 RAMP AT STA 692+** RT. UTILIZE SHORT-TERM SHOULDER CLOSURES, LANE SHIFTS, LANE CLOSURES, AND FLAGGING IN ACCORDANCE WITH WAPM TTC-**.*, TTC-**.*, AND TTC-**.*.

7. TRANSITION WHITEHALL RD BETWEEN US 501 AND THE CONNECTOR RD TO US 221 INTO A SINGLE LANE ONE-WAY EB CONFIGURATION. SHIFT WHITEHALL RD TO THE NORTH IN ACCORDANCE WITH WAPM TTC-**.* TO INSTALL THE PROPOSED DRAINAGE ALONG THE EASTERN SIDE OF US 501 FROM STA 226+34 TO STA 227+23 AND TO CONSTRUCT THE SOUTHEASTERN CORNER OF THE US 501/WHITEHALL RD INTERSECTION AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS. UTILIZE WAPM TTC-**.* AND TTC-**.* AS NEEDED TO ADJUST THE LOCATION OF THE ONE-WAY LANE ON WHITEHALL RD IN ORDER TO COMPLETE THIS WORK.

8. UPON COMPLETION OF THE WORK LISTED IN THE STEPS ABOVE, INSTALL THE PHASE 1 TEMPORARY TRAFFIC CONTROL DEVICES AND SHIFT TRAFFIC INTO THE PHASE 1 LANE CONFIGURATION AS SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS. INSTALL AND ACTIVATE THE PHASE 1 TEMPORARY SIGNALS AS SHOWN ON THE TEMPORARY SIGNAL PLANS. UTILIZE SHORT-TERM SHOULDER CLOSURES, LANE CLOSURES, LANE SHIFTS, AND FLAGGING IN ACCORDANCE WITH WAPM TTC-**.*, TTC-**.*, AND TTC-**.* AS NEEDED.

9. BEGIN CONSTRUCTION OF THE US 501 NB OFF-ALIGNMENT AREAS.

10. BEGIN CONSTRUCTION OF ALL PROPOSED SCM'S.

11. CONSTRUCT THE PROPOSED PIER AND EASTERN ABUTMENT FOR THE NEW US 501 NB STRUCTURE OVER OLD FOREST RD. UPON COMPLETION OF THE PROPOSED US 501 NB BRIDGE PIER, BACKFILL THE FOUNDATION AND INSTALL TEMPORARY PAVEMENT TO FILL THE VOID. MATCH THE EXISTING ROADWAY PAVEMENT ELEVATION.

12. UTILIZE A SHORT-TERM RIGHT LANE CLOSURE ON NB OLD FOREST RD IN ACCORDANCE WITH WAPM TTC-**.* TO INSTALL THE PROPOSED DRAINAGE ALONG THE EASTERN SIDE OF THE ROADWAY INTO SCM-4 FROM STA 237+41 TO STA 239+01.

13. CONSTRUCT THE NORTH SIDE DRAINAGE, WIDENING, CURB AND SIDEWALK ALONG WHITEHALL RD. PAVE UP TO AND INCLUDING THE PROPOSED BINDER COURSE.

14. INSTALL THE REMAINING PROPOSED DRAINAGE AND CONSTRUCT THE PROPOSED WIDENING, CURB, AND SIDEWALK ALONG THE SOUTHERN SIDE OF US 221 BETWEEN BREEZEWOOD DR AND US 501. COORDINATE PROPOSED CONSTRUCTION ACROSS EXISTING DRIVEWAYS WITH PROPERTY OWNERS. UTILIZE SHORT-TERM FLAGGING AND LANE CLOSURES AS NEEDED TO COMPLETE ROADWAY WORK ON THE SOUTHWEST CORNER OF THE US 221/US501 INTERSECTION.

15. BEGIN TO INSTALL THE PROPOSED FILL ALONG THE SOUTHERN SIDE OF US 221 EAST OF US 501. BRING THE PROPOSED FILL UP TO THE EXISTING EDGE OF PAVEMENT ELEVATION. INSTALL THE TEMPORARY PAVEMENT WIDENING IN THIS AREA AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLAN. COORDINATE CONSTRUCTION ACROSS EXISTING DRIVEWAYS WITH PROPERTY OWNERS.

16. CONSTRUCT THE TEMPORARY CROSSOVER AND INSTALL THE TEMPORARY PAVEMENT IN THE US 501 MEDIAN SOUTH OF US 221 IN ACCORDANCE WITH THE TEMPORARY ROADWAY PLANS.

PHASE 2:

1. UPON COMPLETION OF THE PHASE 1 WORK, INSTALL THE PHASE 2 TEMPORARY TRAFFIC CONTROL DEVICES AND SHIFT TRAFFIC INTO THE PHASE 2 LANE CONFIGURATION. ADJUST THE TEMPORARY SIGNALS TO THE PHASE 2 CONFIGURATION AS SHOWN ON THE TEMPORARY SIGNAL PLANS. INSTALL AND ACTIVATE THE TEMPORARY SIGNAL AT THE INTERSECTION OF US 501/WHITEHALL RD.

2. CONTINUE CONSTRUCTION OF THE US 501 NB OFF-ALIGNMENT AREAS.

3. BEGIN CONSTRUCTION OF THE WESTERN US 501 NB BRIDGE ABUTMENT, RETAINING WALLS, AND BRIDGE APPROACH.

4. BEGIN CONSTRUCTION OF RAMP C.

5. CONSTRUCT THE CURB AND SIDEWALK ALONG THE SOUTHERN SIDE OF WHITEHALL RD. PAVE UP TO AND INCLUDING THE PROPOSED BINDER COURSE. COORDINATE CONSTRUCTION ACROSS EXISTING DRIVEWAYS WITH PROPERTY OWNERS.

6. CONSTRUCT THE NORTH SIDE OF US 221 BETWEEN US 501 AND WHITEHALL RD. INSTALL AS MUCH OF THE PROPOSED DRAINAGE AS POSSIBLE. PAVE UP TO AND INCLUDING THE PROPOSED BINDER COURSE.

7. COMPLETE PROPOSED GRADING ON THE EASTERN SIDE OF US 501 DOWN TO SCM-1.

PHASE 3:

1. UPON COMPLETION OF THE PHASE 2 WORK, INSTALL THE PHASE 3 TEMPORARY TRAFFIC CONTROL DEVICES AND SHIFT TRAFFIC INTO THE PHASE 3 LANE CONFIGURATION. ADJUST THE TEMPORARY SIGNALS TO THE PHASE 3 CONFIGURATION AS SHOWN ON THE TEMPORARY SIGNAL PLANS.

2. CONTINUE CONSTRUCTION OF THE US 501 NB OFF-ALIGNMENT AREAS.

3. CONTINUE CONSTRUCTION OF THE US 501 NB BRIDGE APPROACHES AND RAMP C.

4. UPON COMPLETION OF THE US 501 NB BRIDGE ABUTMENTS, BEGIN CONSTRUCTION OF THE BRIDGE SUPERSTRUCTURE. UTILIZE SHORT-TERM 15-MINUTE STOPPAGES OF TRAFFIC ON OLD FOREST RD IN ACCORDANCE WITH WAPM TTC-50.0 TO PLACE PROPOSED BRIDGE BEAMS. REFER TO THE TRANSPORTATION MANAGEMENT PLAN FOR ALLOWABLE WORK HOURS WHEN STOPPAGES ARE PERMITTED.

5. CLOSE WHITEHALL RD TO THROUGH TRAFFIC. COMPLETE THE US 501 NB CONSTRUCTION THROUGH THE WHITEHALL RD INTERSECTION. DO NOT INSTALL THE PROPOSED CHANNELIZING ISLAND ON THE EASTERN WHITEHALL RD APPROACH. FILL THE AREA OF THE PROPOSED ISLAND WITH TEMPORARY PAVEMENT. PAVE UP TO AND INCLUDING THE BINDER COURSE. INSTALL AS MUCH OF THE PROPOSED DRAINAGE AS POSSIBLE.

6. CONSTRUCT THE MIDDLE PORTION OF US 221 BETWEEN US 501 AND WHITEHALL RD AS SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS. PAVE UP TO AND INCLUDING THE BINDER COURSE. INSTALL THE PROPOSED BASE COURSE UNDER THE PROPOSED MEDIAN ISLANDS BUT DO NOT INSTALL PROPOSED CONCRETE.

PHASE 4:

1. UPON COMPLETION OF THE PHASE 3 WORK, INSTALL THE PHASE 4 TEMPORARY TRAFFIC CONTROL DEVICES AND SHIFT TRAFFIC INTO THE PHASE 4 LANE CONFIGURATION. ADJUST THE TEMPORARY SIGNALS TO THE PHASE 4 CONFIGURATION AS SHOWN ON THE TEMPORARY SIGNAL PLANS.

2. COMPLETE CONSTRUCTION OF THE US 501 NB OFF-ALIGNMENT AREAS. PAVE UP TO AND INCLUDING THE PROPOSED BINDER COURSE.

3. COMPLETE CONSTRUCTION OF THE US 501 NB BRIDGE APPROACHES AND RAMP C. PAVE UP TO AND INCLUDING THE PROPOSED BINDER COURSE.

4. COMPLETE CONSTRUCTION OF THE US 501 NB BRIDGE SUPERSTRUCTURE.

5. CONSTRUCT THE TIE-INS OF RAMP A AND RAMP D TO OLD FOREST RD.

6. CONSTRUCT THE REMAINING EASTERN END OF WHITEHALL RD AND THE TIE-IN TO US 221. COORDINATE WITH PARCEL *** TO CONSTRUCT THE PROPOSED REALIGNED ROADWAY FROM STA 512+** TO STA 513+** UP TO AND INCLUDING THE PROPOSED SUBBASE. UTILIZE THE REALIGNED ROADWAY FOR TEMPORARY ACCESS TO PARCEL *** WHILE CONSTRUCTING THE PROPOSED CURB AND GUTTER AND REMAINDER OF THE REALIGNED ROADWAY. UPON COMPLETION OF THE PROPOSED CURB, COORDINATE WITH PROPERTY OWNERS TO COMPLETE ROADWAY PAVEMENT UP TO AND INCLUDING THE BINDER COURSE.

7. CONSTRUCT THE REMAINING SOUTHERN PORTION OF US 221 TO THE EAST OF US 501 AS SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS. PAVE UP TO AND INCLUDING THE BINDER COURSE. INSTALL THE PROPOSED BASE COURSE UNDER THE PROPOSED MEDIAN ISLANDS BUT DO NOT INSTALL PROPOSED CONCRETE. INSTALL ANY REMAINING PROPOSED DRAINAGE. UTILIZE SHORT-TERM CENTER LEFT TURN LANE CLOSURES AND A US 221 EB LANE SHIFT IN ACCORDANCE WITH WAPM TTC-**.* TO COMPLETE THE PORTION OF ROADWAY RECONSTRUCTION FROM STA 431+** TO STA 432+**. COORDINATE CONSTRUCTION ACROSS EXISTING DRIVEWAYS WITH PROPERTY OWNERS.

8. UTILIZE SHORT-TERM FLAGGING AND SHOULDER CLOSURES IN ACCORDANCE WITH WAPM TTC-**.* AND TTC-**.* TO CONSTRUCT THE PROPOSED CURB RAMP ON THE NORTHEAST CORNER OF COUNTRYPLACE LN.

9. COMPLETE THE SOUTHERN TIE-IN OF PROPOSED US 501 NB TO EXISTING US 501. PAVE UP TO AND INCLUDING THE PROPOSED BINDER COURSE.

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SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(2b)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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

MAINTENANCE OF TRAFFIC PLAN

SEQUENCE OF CONSTRUCTION

PHASE 5:

1. UPON COMPLETION OF THE PHASE 4 WORK, UTILIZE SHORT-TERM LANE CLOSURES AND FLAGGING IN ACCORDANCE WITH WAPM TTC-**.* AND TTC-**. TO COMPLETE THE TIE-IN OF RAMP C TO OLD FOREST RD AND TO COMPLETE THE PORTION OF US 501 AT THE NORTHERN END OF RAMP C FROM STA 142*** RT TO STA 143*** RT.

2. UPON COMPLETION OF THE TWO AREAS LISTED ABOVE, INSTALL THE PHASE 5 TEMPORARY TRAFFIC CONTROL DEVICES AND SHIFT TRAFFIC INTO THE PHASE 5 LANE CONFIGURATION. ADJUST THE TEMPORARY SIGNALS TO THE PHASE 5 CONFIGURATION AS SHOWN ON THE TEMPORARY SIGNAL PLANS. INSTALL AND ACTIVATE THE TEMPORARY SIGNAL AT THE INTERSECTION OF US 501 N/US 221. REMOVE THE TEMPORARY SIGNALS AT THE US 501 INTERSECTIONS WITH OLD FOREST RD AND WHITEHALL RD.

3. UTILIZE SHORT-TERM LANE WIDTH REDUCTIONS, LANE CLOSURES, AND FLAGGING IN ACCORDANCE WITH WAPM TTC-**.* AND TTC-**.* TO INSTALL THE PROPOSED CHANNELIZING ISLAND AT THE INTERSECTION OF US 501 N AND WHITEHALL RD.

4. BEGIN CONSTRUCTION OF A PORTION OF RAMP B.

5. CONSTRUCT THE PROPOSED CHANNELIZING ISLAND BETWEEN RAMP A AND OLD FOREST RD.

6. CONSTRUCT THE WESTERN SIDE OF US 501 S FROM CHAPEL LN TO US 221 AND THE NORTHERN SIDE WIDENING OF US 221 FROM PEACE ST TO US 501. REMOVE THE EXISTING CONNECTION OF PEACE ST TO US 501. COORDINATE CONSTRUCTION ACROSS EXISTING DRIVEWAYS WITH PROPERTY OWNERS. INSTALL AS MUCH OF THE PROPOSED DRAINAGE AS POSSIBLE. UTILIZE SHORT-TERM LANE CLOSURES AND SHIFTS IN ACCORDANCE WITH WAPM TTC-**.* AND TTC-**.* TO OPEN CUT THE PROPOSED CROSSPIPE ON US 501 S STA 220+29 AND INSTALL THE RECEIVING INLET AND PORTION OF CURB AND SIDEWALK ON THE EASTERN SIDE OF US 501 S. PAVE UP TO AND INCLUDING THE PROPOSED BINDER COURSE.

7. INSTALL THE PROPOSED DRAINAGE AND CONSTRUCT THE PROPOSED WIDENING, CURB, SIDEWALK, AND CURB RAMPS ALONG THE NORTH SIDE OF US 221 FROM BREEZEWOOD DR TO PEACE ST. UTILIZE SHORT-TERM LANE CLOSURES AND FLAGGING IN ACCORDANCE WITH WAPM TTC-**.* AND TTC-**.* AS NEEDED. UTILIZE SHORT-TERM LANE CLOSURES AND LANE SHIFTS IN ACCORDANCE WITH WAPM TTC-**.* AND TTC-**.* TO INSTALL THE PROPOSED PIPE ON US 221 INTO THE LOCATION OF THE FUTURE MEDIAN ISLAND AT STA 410+**. INSTALL THE PROPOSED INLET BOX IN THE MEDIAN AT STA 410*** RT AND CAP THE PROPOSED BOX.

8. UPON COMPLETION OF THE WIDENING ALONG THE NORTH SIDE OF US 221 NEAR PEACE ST AND THE PROPOSED SIDEWALK AND CURB RAMPS ALONG THE WESTERN SIDE OF PEACE ST. UTILIZE SHORT-TERM FLAGGING IN ACCORDANCE WITH WAPM TTC-**.* TO INSTALL THE PROPOSED CHANNELIZING ISLAND ON THE SOUTHERN END OF PEACE ST.

9. UTILIZE SHORT-TERM LANE SHIFTS AND FLAGGING IN ACCORDANCE WITH WAPM TTC-**.* AND TTC-**.* TO COMPLETE THE PORTION OF FULL-DEPTH RECONSTRUCTION ALONG US 221 FROM STA 427*** TO STA 429+**.

10. UPON COMPLETION OF THE PORTION OF FULL-DEPTH RECONSTRUCTION ALONG US 221 FROM STA 427*** TO STA 429+**. CONSTRUCT THE PROPOSED MEDIAN ISLAND ON US 221 TO THE EAST OF US 501 N AND COMPLETE ANY REMAINING FULL-DEPTH RECONSTRUCTION IN THIS AREA.

11. CONSTRUCT THE PROPOSED MEDIAN ISLAND ALONG US 221 BETWEEN US 501 S AND US 501 N.

12. CONSTRUCT THE WESTERN SIDE OF US 501 S SOUTH OF US 221. DO NOT INSTALL THE PROPOSED CHANNELIZING ISLAND ON THE SOUTHWEST CORNER OF THE US 221/US 501 S INTERSECTION. FILL THE AREA OF THE FUTURE ISLAND WITH TEMPORARY PAVEMENT.

PHASE 6:

1. UPON COMPLETION OF THE PHASE 5 WORK, UTILIZE A WEEK LONG CLOSURE OF US 501 S (RAMP B) IN ACCORDANCE WITH WAPM TTC-47.0 TO COMPLETE THE REMAINING ROADWAY RECONSTRUCTION ON US 501 S FROM STA 141*** LT TO STA 143*** LT AND TO CONSTRUCT THE TIE-IN OF RAMP B TO OLD FOREST RD. KEEP US 501 N AND RAMP C IN THE PHASE 5 LANE CONFIGURATION. UTILIZE THE US 501 S OFF-RAMP TO WIGGINGTON RD TO OLD FOREST RD FOR THE PROPOSED DETOUR ROUTE.

2. UPON COMPLETION OF RAMP B, REMOVE THE DETOUR AND INSTALL THE PHASE 6 TEMPORARY TRAFFIC CONTROL DEVICES AND SHIFT TRAFFIC INTO THE PHASE 6 LANE CONFIGURATION. ADJUST THE TEMPORARY SIGNALS TO THE PHASE 6 CONFIGURATION AS SHOWN ON THE TEMPORARY SIGNAL PLANS. REMOVE THE TEMPORARY SIGNAL AT THE US 501 N/US 221 INTERSECTION AND ACTIVATE THE PROPOSED SIGNAL. CLOSE AND DETOUR THE US 501 N U-TURN TO US 501 S AT OLD FOREST RD UTILIZING WAPM TTC-47.0. UTILIZE US 501 N TO THE WIGGINGTON RD EXIT TO WIGGINGTON RD TO THE US 501 S ON-RAMP TO US 501 S FOR THE PROPOSED DETOUR ROUTE.

3. COMPLETE THE REMOVAL OF EXISTING RAMP B.

4. CONSTRUCT THE REMAINING PORTIONS OF ROADWAY RECONSTRUCTION, CURB, SIDEWALK, AND DRAINAGE ALONG US 501 S NORTH OF US 221 AND ALONG OLD FOREST RD. UTILIZE SHORT-TERM LANE CLOSURES AND SHIFTS IN ACCORDANCE WITH WAPM TTC-**.* AND TTC-**.* TO INSTALL THE PROPOSED CROSSPIPE AT STA 229+62. COORDINATE CONSTRUCTION ACROSS EXISTING DRIVEWAYS WITH PROPERTY OWNERS. PAVE UP TO AND INCLUDING THE PROPOSED BINDER COURSE.

5. COMPLETE THE REMAINING PORTION OF US 501 S SOUTH OF US 221. REMOVE ALL OF THE TEMPORARY PAVEMENT FROM THE TEMPORARY CROSSOVER.

PHASE 7:

1. UPON COMPLETION OF THE PHASE 6 WORK, INSTALL THE PHASE 7 TEMPORARY TRAFFIC CONTROL DEVICES AND SHIFT TRAFFIC INTO THE PHASE 7 LANE CONFIGURATION. ADJUST THE TEMPORARY SIGNAL AT THE US 221/US 501 S INTERSECTION TO THE PHASE 7 CONFIGURATION AS SHOWN ON THE TEMPORARY SIGNAL PLANS.

2. CONSTRUCT THE PROPOSED MEDIAN ISLAND ALONG US 221 WEST OF US 501 S AND THE RIGHT TURN CHANNELIZING ISLANDS AT THE US 221/US 501 S INTERSECTION. UTILIZE SHORT-TERM LANE CLOSURES AND FLAGGING IN ACCORDANCE WITH WAPM TTC-**.* AND TTC-**.* AS NEEDED.

3. UPON COMPLETION OF THE PROPOSED ISLANDS, INSTALL ANY REMAINING PROPOSED SIGNAL EQUIPMENT. REMOVE THE TEMPORARY SIGNAL, AND ACTIVATE THE PROPOSED SIGNAL.

4. CLOSE AND DETOUR THE EB MOVEMENT ON THE BREEZEWOOD DR CONNECTION TO US 501 UTILIZING WAPM TTC-**.*. UTILIZE BREEZEWOOD DR TO US 221 TO US 501 S FOR THE PROPOSED DETOUR ROUTE. UPON DETOURING THIS MOVEMENT, INSTALL ANY REMAINING DRAINAGE IN THIS AREA. UTILIZE SHORT-TERM LANE CLOSURES AND SHIFTS ON US 501 N IN ACCORDANCE WITH WAPM TTC-**.* TO INSTALL THE PROPOSED CROSSPIPE AT STA 108+**. UPON COMPLETION OF THE US 501 N CROSSPIPE, INSTALL PROPOSED DRAINAGE IN THE US 501 MEDIAN. UPON INSTALLING THE MEDIAN DRAINAGE, UTILIZE SHORT-TERM LANE CLOSURES AND SHIFTS ON US 501 S IN ACCORDANCE WITH WAPM TTC-**.* TO INSTALL THE PROPOSED CROSSPIPES AT STA 205*** AND 206+**, AND UTILIZE A SHORT-TERM DETOUR OF THE US 501 S TO BREEZEWOOD DR CONNECTION IN ACCORDANCE WITH WAPM TTC-**.* TO COMPLETE THE CROSSPIPE INSTALLATION ACROSS THIS LANE. UPON INSTALLATION OF ALL DRAINAGE IN THIS AREA, REPLACE THE EXISTING CHANNELIZING ISLAND AT THE BREEZEWOOD DR CONNECTION TO US 501 S.

5. UPON COMPLETION OF ALL PHASE 7 WORK, UTILIZE SHORT-TERM LANE SHIFTS, CLOSURES, AND FLAGGING IN ACCORDANCE WITH WAPM TTC-**.*, TTC-**.*, AND TTC-**.* TO COMPLETE THE FINAL MILL AND PAVE OF THE PROPOSED WEARING COURSE.

6. INSTALL PROPOSED PAVEMENT MARKINGS AND ANY REMAINING PROPOSED SIGNAGE.

7. REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES AND COMPLETE FINAL PROJECT CLEANUP.

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SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(3)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

TRANSPORTATION MANAGEMENT PLAN

PROJECT DESCRIPTION

THIS PROJECT IS CLASSIFIED AS A TYPE "C" PROJECT DUE TO ITS COMPLEXITY AND DURATION.

CONSTRUCTION WILL AFFECT ALL LANES THROUGHOUT THE PROJECT AREA AND WILL REQUIRE PHASED MODIFICATIONS TO EXISTING TRAFFIC CONFIGURATIONS, AS DETAILED IN THIS MAINTENANCE OF TRAFFIC (MOT) PLAN.

EXISTING POSTED SPEED LIMITS AND PROPOSED TEMPORARY WORK ZONE SPEED LIMIT REDUCTIONS FOR THE MAJOR PROJECT AREA ROADWAYS ARE AS FOLLOWS:

- US 221 - POSTED 45MPH (WORK ZONE SPEED VARIES, 35-45MPH)
- US 501 (N OF OLD FOREST) - POSTED 45MPH
- US 501 (FROM OLD FOREST TO US 221) - POSTED 45MPH (WORK ZONE SPEED 35MPH)
- US 501 (S OF US 221) - POSTED 45MPH (WORK ZONE SPEED VARIES, 35-45MPH)
- OLD FOREST RD - POSTED 35MPH

THE TRANSPORTAION MANAGEMENT PLAN (TMP) CONTAINS A MAINTENANCE OF TRAFFIC PLAN (MOT), TRANSPORTATION OPERATIONS PLAN (TOP), AND PUBLIC COMMUNICATIONS PLAN (PCP). THE CONTRACTOR SHALL PLAN AND EXECUTE THE WORK IN ACCORDANCE WITH THE TMP, MOT, AND SEQUENCE OF CONSTRUCTION UNLESS A CHANGE IS APPROVED BY THE ENGINEER. IT IS NOT THE INTENT OF THE TMP/MOT PLAN TO ENUMERATE EVERY DETAIL WHICH MUST BE CONSIDERED IN THE CONSTRUCTION OF EACH PHASE, STEP, OR STAGE. THE INTENT IS ONLY TO SHOW THE GENERAL HANDLING OF TRAFFIC, UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL PLAN AND PROSECUTE THE WORK IN ACCORDANCE WITH THE FOLLOWING:

1. DESIGN GUIDELINES AND POLICIES LISTED IN THE MOT GENERAL NOTES SHEET 1G(1).
2. THE CONTRACTOR IS EXPECTED TO FOLLOW THE MAINTENANCE OF TRAFFIC PLANS AS PROPOSED. IF THE CONTRACTOR WISHES TO DEVIATE FROM THE PROPOSED MAINTENANCE OF TRAFFIC PLANS, THE CONTRACTOR SHALL DEVELOP PLANS THAT ARE OF THE SAME LEVEL OF DETAIL, CONFORM TO THE VDOT WORK AREA PROTECTION MANUAL (CURRENT EDITION), VDOT 11M-LD-241.7/11M-TE-351.5, AND VDOT ROAD AND BRIDGE SPECIFICATIONS (CURRENT EDITION). THE CONTRACTOR SHALL SUBMIT THE MAINTENANCE OF TRAFFIC PLANS FOR APPROVAL BY THE ENGINEER PRIOR TO THE INSTALLATION OF ANY TEMPORARY LANE CLOSURE MEASURES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR SAFE TRAVEL ON THE PROJECT ROADWAYS.
3. WITH THE EXCEPTION OF THE LONG-TERM CLOSURES SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS, LANE CLOSURES SHALL BE PERMITTED ONLY DURING THE TIMES LISTED UNDER THE LANE/ROAD CLOSURE RESTRICTIONS SECTION ON THIS SHEET. LANE CLOSURES ARE TO BE REMOVED PRIOR TO THE END OF ALLOWABLE WORK HOURS AND ALL TRAFFIC CONTROL ITEMS TO BE MOVED OUTSIDE THE TRAVELLED-WAY.
4. THE CONTRACTOR SHALL COORDINATE WITH THE AFFECTED STAKEHOLDERS, AS LISTED IN THE PCP OF ALL DETOURS AND LANE CLOSURES OF ANY NATURE.

LANE/ROAD CLOSURE RESTRICTIONS

1. WITH THE EXCEPTION OF THE LONG-TERM CLOSURES SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS, THE CONTRACTOR SHALL FOLLOW THE ALLOWABLE WORK HOURS AS IDENTIFIED IN THE FOLLOWING TABLE FOR MOBILE AND STATIONARY LANE CLOSURES.

ALLOWABLE WORK HOURS TABLE

PERIOD	PROJECT WORK	LANE CLOSURE	SHOULDER CLOSURE
MON-FRI	7:00AM - 6:00PM	9:00AM - 4:00PM	8:00AM - 5:00PM
SAT	7:00AM - 6:00PM	8:00AM - 5:00PM	7:00AM - 6:00PM
SUN	NONE	NONE	NONE
MON-SAT	9:00PM - 7:00AM	9:00PM - 5:00AM	9:00PM - 5:00AM

2. TEMPORARY LANE AND SHOULDER CLOSURES ARE ONLY ALLOWED AT THE SOLE DISCRETION OF THE CITY WHEN NECESSARY TO ENSURE THE SAFETY OF THE TRAVELING PUBLIC AND CONSTRUCTION CREW.
3. LANE, SHOULDER, OR TOTAL ROAD CLOSURE REQUESTS SHOULD BE SUBMITTED TO THE CITY AT LEAST 30 DAYS PRIOR TO IMPLEMENTATION FOR REVIEW AND APPROVAL. DETOUR PLANS SHALL BE REQUIRED FOR ANY PROPOSED TEMPORARY TOTAL ROAD CLOSURES EXCEEDING 20 MINUTES. NO RESIDENTIAL NEIGHBORHOOD DETOURS SHALL BE ALLOWED. DETOUR TRAVEL TIMES SHALL BE MINIMIZED TO THE GREATEST EXTENT POSSIBLE.
4. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADVANCE NOTIFICATION VIA VARIABLE MESSAGE AND REQUIRED STATIC SIGNING FOR LANE, SHOULDER, AND/OR COMPLETE ROAD CLOSURES IN ACCORDANCE WITH THE VDOT WORK AREA PROTECTION MANUAL. ONCE A CLOSING IS IN PLACE, WORK SHALL COMMENCE IMMEDIATELY AND SHALL PROGRESS ON A CONTINUOUS BASIS TO COMPLETION OR TO A DESIGNATED TIME.
5. THE CITY RESERVES THE RIGHT TO MONITOR TRAFFIC CONDITIONS IMPACTED BY THE WORK AND TO MAKE ADDITIONAL RESTRICTIONS AS NECESSARY OR AS EMERGENCY SITUATIONS DICTATE.

SPECIAL EVENTS

THE CONTRACTOR WILL BE COGNIZANT OF AND COMPLIANT TO TRAFFIC DEMANDS DURING SPECIAL EVENTS. CONSTRUCTION ACTIVITIES AND/OR LANE CLOSURES THAT WILL AFFECT EVENT TRAFFIC MAY BE STOPPED EARLY OR NOT ALLOWED TO BE IMPLEMENTED. THE CITY WILL PROVIDE FIVE (5) WORKING DAYS NOTICE OF PLANNED EVENTS, BUT UNPLANNED AND ACCIDENT/INCIDENT EVENTS MAY HAVE ZERO NOTICE.

USE OF CITY POLICE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THROUGH THE CITY FOR THE CITY OF LYNCHBURG POLICE (CLP) SERVICE CURING TEMPORARY TRAFFIC CONTROL OPERATIONS INVOLVING LANE CLOSURES, ROLLING LANE CLOSURES, AND ANY OTHER OPERATIONS AS COVERED IN THE VDOT WORK AREA PROTECTION MANUAL. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED BY CLP SPECIFIC TO THE PROJECT.

PUBLIC COMMUNICATIONS PLAN

THE CITY SHALL PROVIDE A PUBLIC INFORMATION OFFICER (PIO) FOR THE PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A POINT OF CONTACT FOR THE PIO TO USE WHEN GATHERING INFORMATION TO RESPOND TO A CITIZEN OR MEDIA INQUIRY REGARDING THIS PROJECT DURING AND THROUGH PROJECT DELIVERY TO PROJECT COMPLETION.

THE PIO SHALL BE RESPONSIBLE FOR COORDINATING THE PREPARATION AND RELEASE OF ANY PUBLIC INFORMATION WITH THE CITY AND VDOT'S LYNCHBURG DISTRICT OFFICE OF COMMUNICATIONS. ALL INFORMATION TO BE RELEASED TO THE PUBLIC SHALL BE APPROVED BY THE CITY PRIOR TO RELEASE.

ANY PUBLIC MEETINGS HELD SHALL BE CONDUCTED IN ACCORDANCE WITH THE VDOT PUBLIC INVOLVEMENT MANUAL (CURRENT EDITION).

THE PIO SHALL COORDINATE WITH THE CITY AND VDOT TO NOTIFY THE PUBLIC OF CONSTRUCTION START/END DATES AND INFORM THE PUBLIC OF THE EXTENT OF CONSTRUCTION AND POTENTIAL TRAFFIC DELAYS. THE VDOT PROJECT INSPECTOR AND/OR CONSTRUCTION MANAGER SHALL BE ADVISED A MINIMUM OF 48 HOURS IN ADVANCE OF ANY PLANNED CONSTRUCTION ACTIVITY OR WORK PLAN THAT WILL CAUSE TRAFFIC DELAYS.

WHEN ANY MAJOR TRAFFIC CHANGES ARE TO TAKE PLACE, THE PROJECT PERSONNEL WILL ENSURE THAT THE VDOT DISTRICT COMMUNICATIONS OFFICE IS NOTIFIED 72 HOURS IN ADVANCE OF THE CHANGE SO THEY CAN INFORM THE NEWS MEDIA AND RADIO STATIONS.

THE CONTRACTOR SHALL INSTALL PORTABLE CHANGEABLE MESSAGE SIGNS ONE (1) WEEK PRIOR TO AND ONE (1) WEEK FOLLOWING THE START OF CONSTRUCTION AND RECONFIGURED TRAFFIC PATTERNS. PROPOSED MESSAGES SHALL BE IN ACCORDANCE WITH THE WORK AREA PROTECTION MANUAL APPENDIX D AND APPROVED BY THE ENGINEER.

THE FOLLOWING IS A LIST OF CONTACTS FOR THE PUBLIC COMMUNICATION PLAN:

1) VDOT PROJECT INSPECTOR ---------- TBD
2) VDOT CONSTRUCTION MANAGER ---------- TBD
3) TRANSPORTATION OPERATIONS CENTER ---------- (804) 796-5420
4) LYNCHBURG DISTRICT COMMUNICATIONS MANAGER --- TBD
5) CITY OF LYNCHBURG ---------- TBD

TRANSPORTATION OPERATIONS PLAN

THE CONTRACTOR SHALL ENTER ALL LANE AND SHOULDER CLOSURE(S) INTO LCAMS IN ACCORDANCE WITH 11M-OD-16-03.

THE CONTRACTOR SHALL WORK WITH THE PUBLIC INVOLVEMENT OFFICER (PIO) TO NOTIFY THE REGIONAL TRANSPORTATION OPERATION CENTER (TOC) OF ANY LANE AND/OR SHOULDER CLOSURE. THE TOC SHALL BE NOTIFIED 30 MINUTES PRIOR TO THE CLOSURE INSTALLATION AND SHALL ALSO BE NOTIFIED 30 MINUTES UPON REMOVAL.

THE CONTRACTOR SHALL ALSO WORK WITH THE PIO TO NOTIFY THE REGIONAL TOC OF PROJECT START AND END DATES. THE TOC WILL IN TURN PLACE INFORMATION REGARDING PROJECT DATES AND LANE/SHOULDER CLOSURES ONTO THE 511 SYSTEM AND VA-TRAFFIC.

THE FOLLOWING IS A LIST OF LOCAL EMERGENCY CONTACT NUMBERS:

1) LYNCHBURG FIRE DEPARTMENT ---------- (434) 455-6340
2) LYNCHBURG POLICE ---------- (434) 455-6050
3) EMERGENCY ---------- 911
4) HAZ-MAT CENTER (IF SPILL INVOLVED) --- 911
5) VIRGINIA STATE POLICE DIV. 3 HQ --------- (434) 352-7128
6) CITY INSPECTOR IN CHARGE ---------- TBD

PROCEDURES TO RESPOND TO TRAFFIC INCIDENTS THAT MAY OCCUR IN THE WORK ZONE ARE AS FOLLOWS:

1. CONTRACTOR SHALL NOTIFY THE STATE AND CITY POLICE, LYNCHBURG FIRE DEPARTMENT, PIO, AND CITY INSPECTOR IN CHARGE.
2. DEPENDING ON THE SEVERITY OF THE INCIDENT, THE CONTRACTOR MAY HAVE TO TEMPORARILY CEASE WORK.
3. UPON ARRIVAL ON SCENE, THE STATE OR CITY POLICE SHALL TAKE CONTROL OF THE INCIDENT AND ARE TO DETERMINE THE RESPONSE NECESSARY TO ALLOW THE TRAVELING PUBLIC AROUND THE INCIDENT, DIRECT ITS CLEARING, AND RESORE TRAFFIC TO NORMAL OPERATIONS.
4. INSPECTOR SHALL NOTIFY THE CITY OF THE INCIDENT, TAKE PICTURES, AND DOCUMENT AS NECESSARY, SPECIFICALLY TO DOCUMENT THE CONTRACTOR'S WORK ZONE TO VERIFY THE PROPER SETUP.
5. IF INCIDENT IS TRAFFIC RELATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE TOC.
6. THE PIO SHALL COORDINATE WITH THE AREA CONSTRUCTION ENGINEER, DISTRICT COMMUNICATIONS, AND THE TOC TO INFORM THE TRAVELING PUBLIC, EMERGENCY RESPONDERS, AND THE MEDIA ABOUT DELAYS AND UNEXPECTED CHANGES IN TRAFFIC PATTERNS.

AFTER STABILIZING AN INCIDENT, THE CONTRACTOR/INSPECTOR SHALL NOTIFY THE FOLLOWING:

1) REGIONAL OPERATIONS TOC ---------- ***
2) PROJECT WORK ZONE SAFETY COOR. --- ***
3) CITY PIO ---------- ***
4) CITY PROJECT MANAGER ---------- ***
5) CITY CONSTRUCTION MANAGER ---------- ***
6) CITY ENGINEER ---------- ***
7) DISTRICT PUBLIC AFFAIRS MANAGER --- ***
8) REGIONAL WORK ZONE SAFETY COOR. ---- ***

THE POLICE REPORT OF THE INCIDENT SHALL BE REVIEWED BY THE CITY TO DETERMINE IF ANY MODIFICATION TO THE MAINTENANCE OF TRAFFIC PLAN IS NECESSARY. IF REVISIONS ARE DETERMINED TO BE NECESSARY, THEN A MEETING SHALL BE CALLED WITH THE CONTRACTOR, CITY PROJECT PERSONNEL, VDOT REGION OPERATIONS REPRESENTATIVE, AND THE CITY POLICE (IF NECESSARY) TO DISCUSS THE MODIFICATIONS AND IMPLEMENTATION OF A REVISED MAINTENANCE OF TRAFFIC PLAN.

AN ON-SITE REVIEW OF THE PROJECT'S WORK ZONE TRAFFIC CONTROL BY THE REGIONAL WORK ZONE SAFETY COORDINATOR, PROJECT MANAGER, PROJECT INSPECTOR, PROJECT WORK ZONE SAFETY COORDINATOR, THE DISTRICT SAFETY ENGINEER, AND THE CONTRACTOR SHALL BE CONDUCTED WITHIN 24 HOURS FOLLOWING ANY FATAL INCIDENT/CRASH WITHIN THE WORK ZONE.

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(4)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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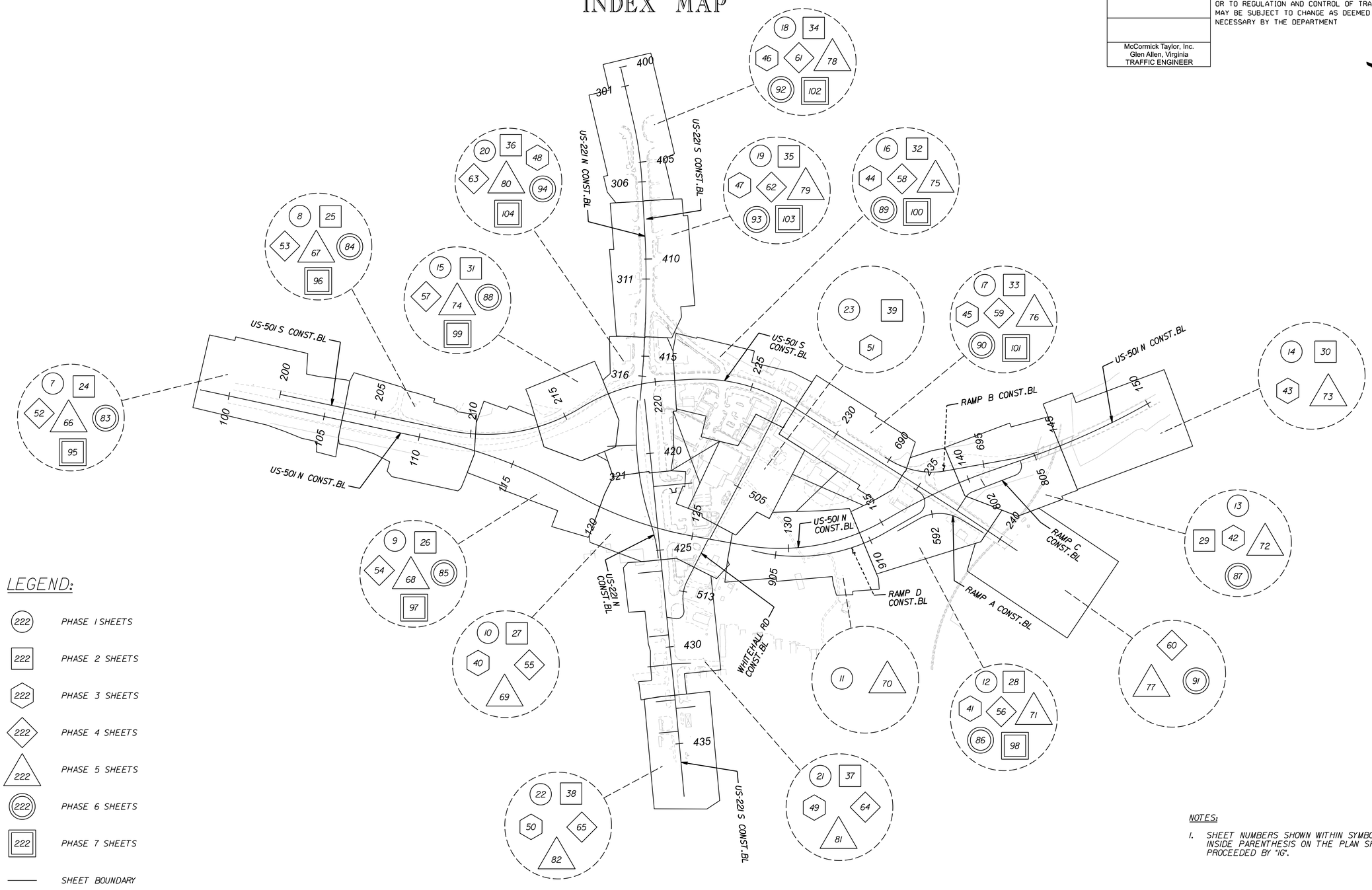
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

INDEX MAP



LEGEND:

- 222 PHASE 1 SHEETS
- 222 PHASE 2 SHEETS
- 222 PHASE 3 SHEETS
- 222 PHASE 4 SHEETS
- 222 PHASE 5 SHEETS
- 222 PHASE 6 SHEETS
- 222 PHASE 7 SHEETS
- SHEET BOUNDARY

NOTES:

1. SHEET NUMBERS SHOWN WITHIN SYMBOLS ARE THOSE INSIDE PARENTHESIS ON THE PLAN SHEETS AND ARE PROCEEDED BY "IG".

SCALE	PROJECT	SHEET NO.
0 250' 500'	U000-118-286	IG(4)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

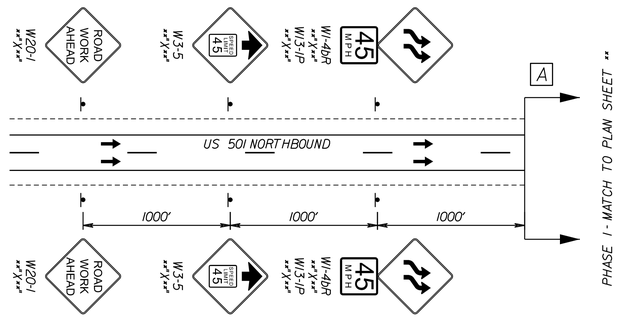
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(5a)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN

ADVANCED SIGNING DETAILS



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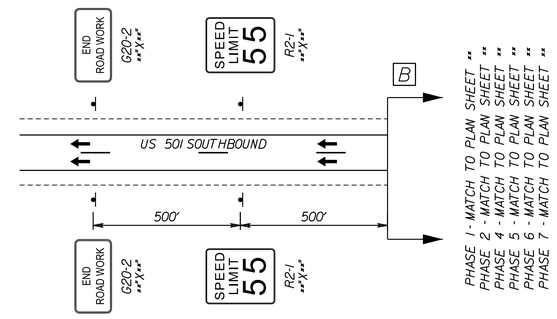

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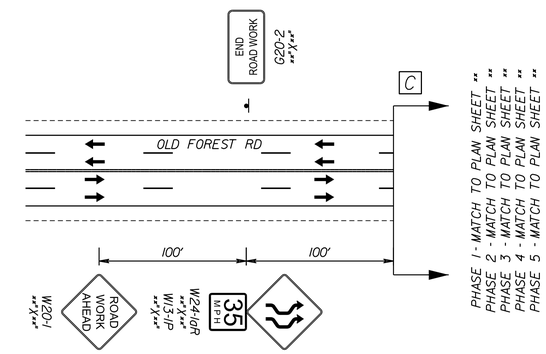

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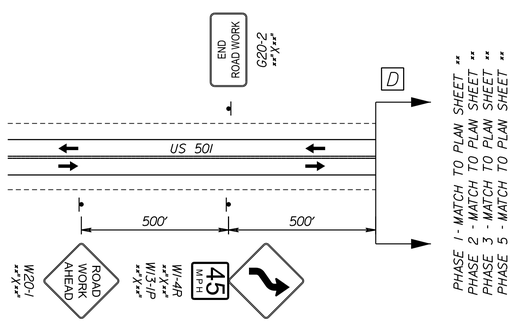

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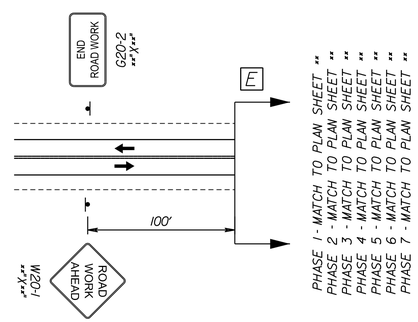

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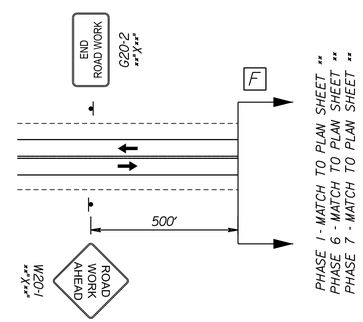

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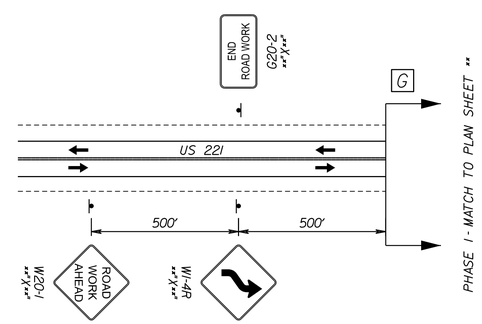

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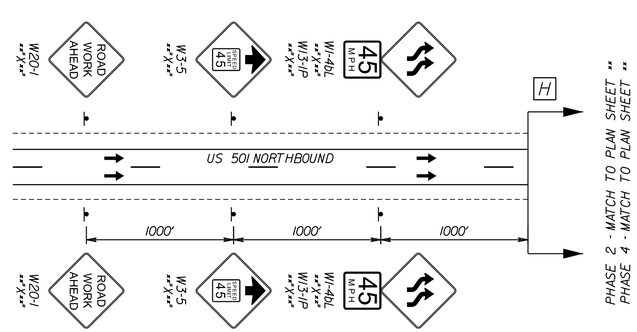

ADVANCED SIGNING DETAIL H
NOT TO SCALE

NOT TO SCALE	PROJECT	SHEET NO.
	U000-118-286	1G(5a)

PH PLANS

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

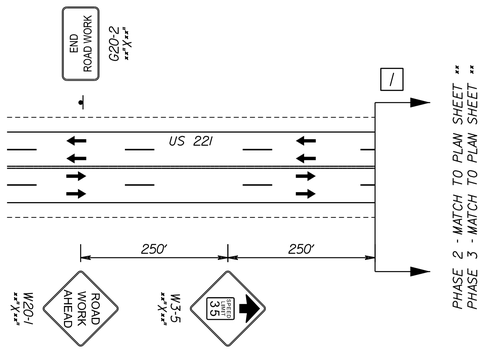
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(5b)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
ADVANCED SIGNING DETAILS



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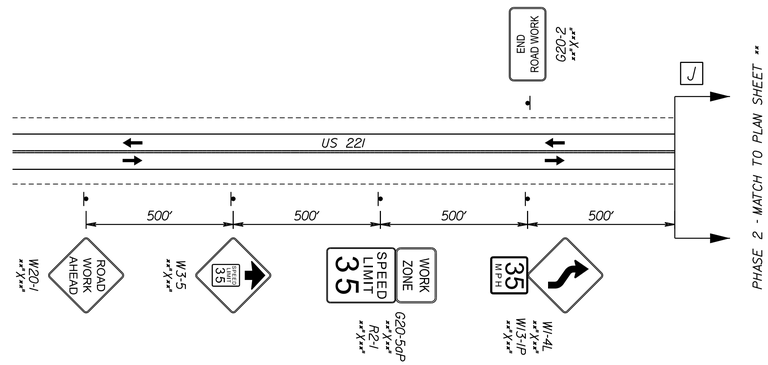

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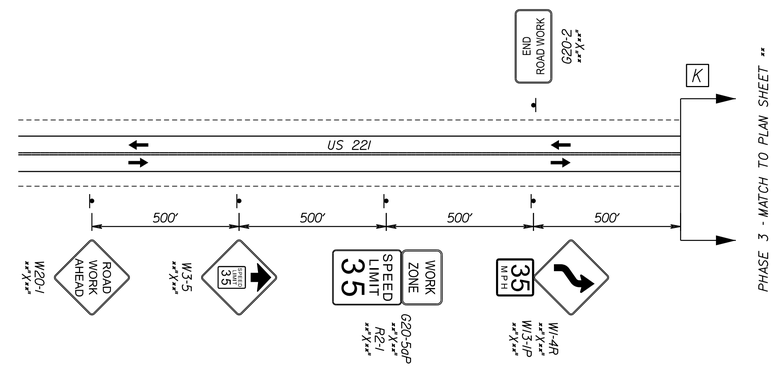

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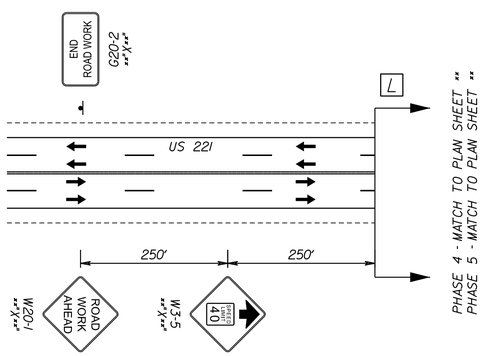

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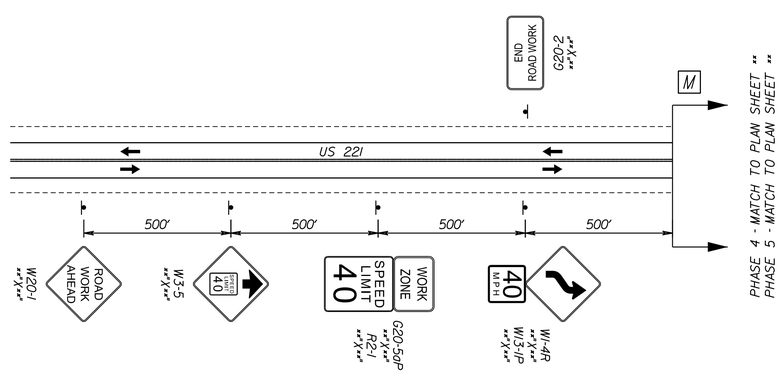

ADVANCED SIGNING DETAIL M
NOT TO SCALE

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

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PH PLANS

NOT TO SCALE	PROJECT U000-118-286	SHEET NO. IG(5b)

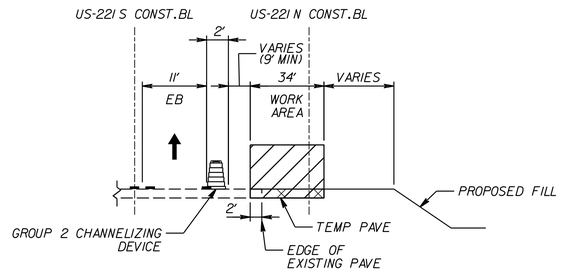
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTIONS

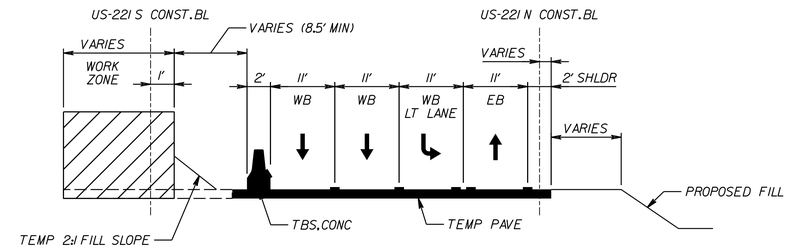
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(6a)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



PHASE 1
US-221 S
STA 418+19 TO STA 421+27
US-221 N
STA 318+25 TO STA 321+33
NOT TO SCALE



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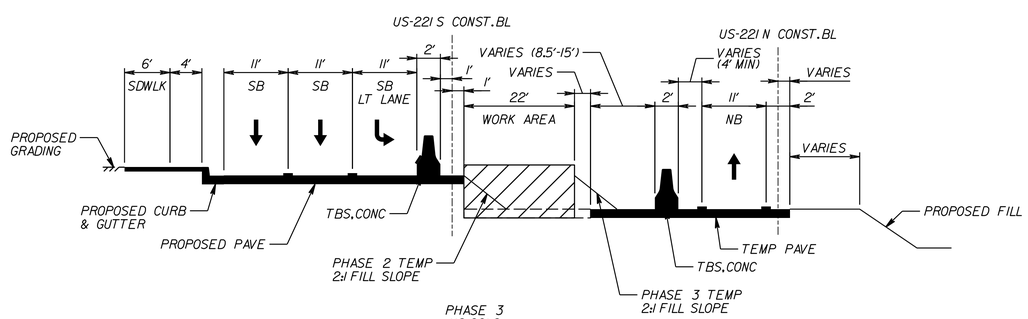
STA 418+19 TO STA 421+27
US-221 N
STA 318+25 TO STA 321+33
NOT TO SCALE



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US-221 N
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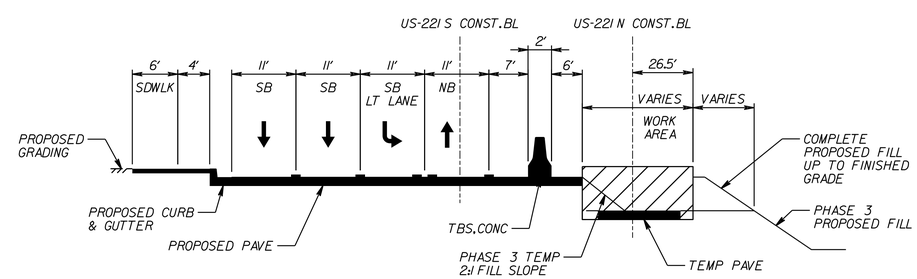

PHASE 4
US-221 S
STA 418+19 TO STA 421+27
US-221 N
STA 318+25 TO STA 321+33
NOT TO SCALE

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

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PH PLANS

NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 1G(6a)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 1

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(7)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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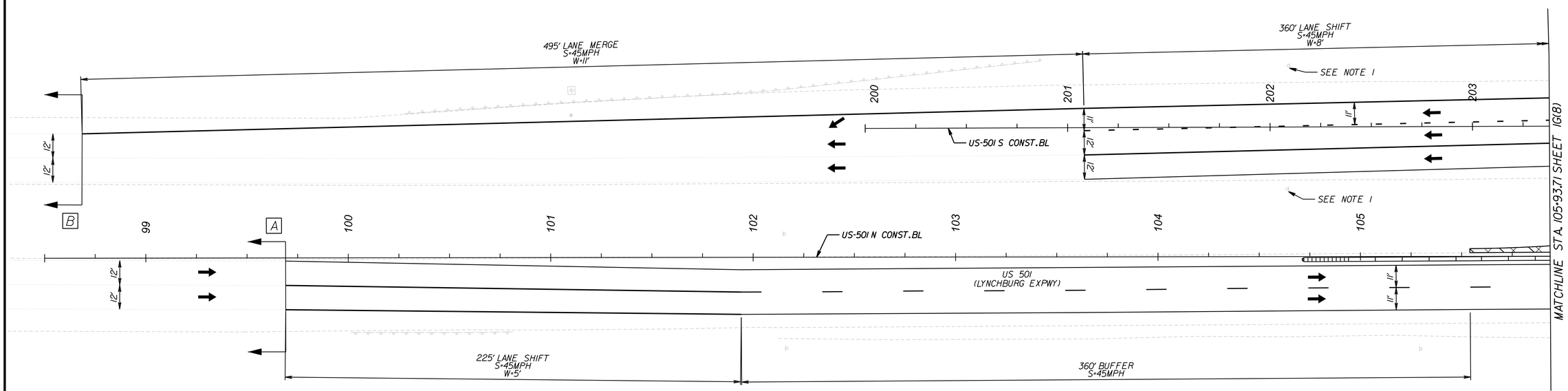
PH PLANS

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

NOTES:

1. COVER EXISTING 55MPH SPEED LIMIT SIGNS.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(7)

8/19/2026
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Plotted By: DAG

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(8)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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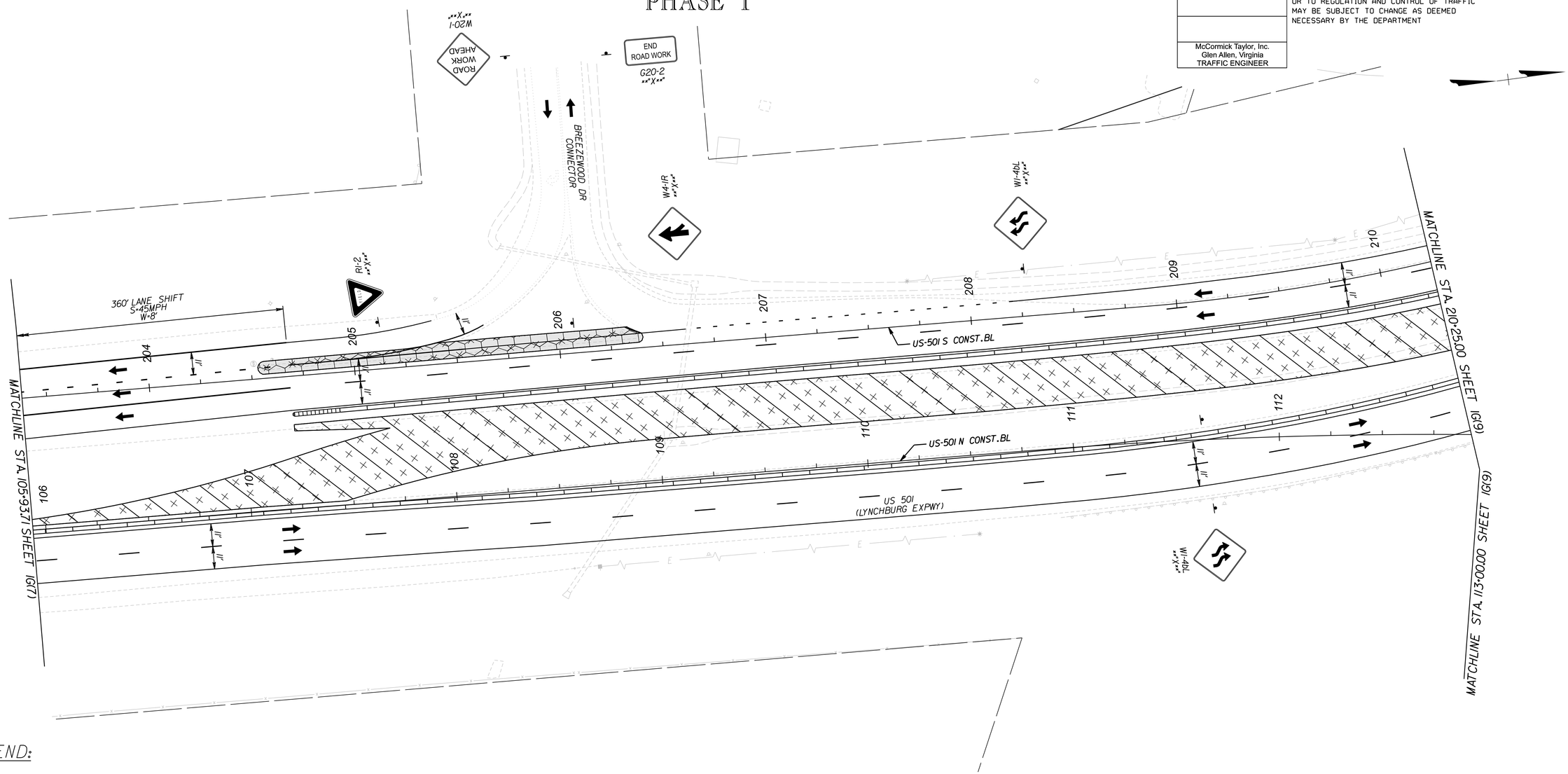
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 1



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
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- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(8)

8/19/2026
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Plotted By: DAG

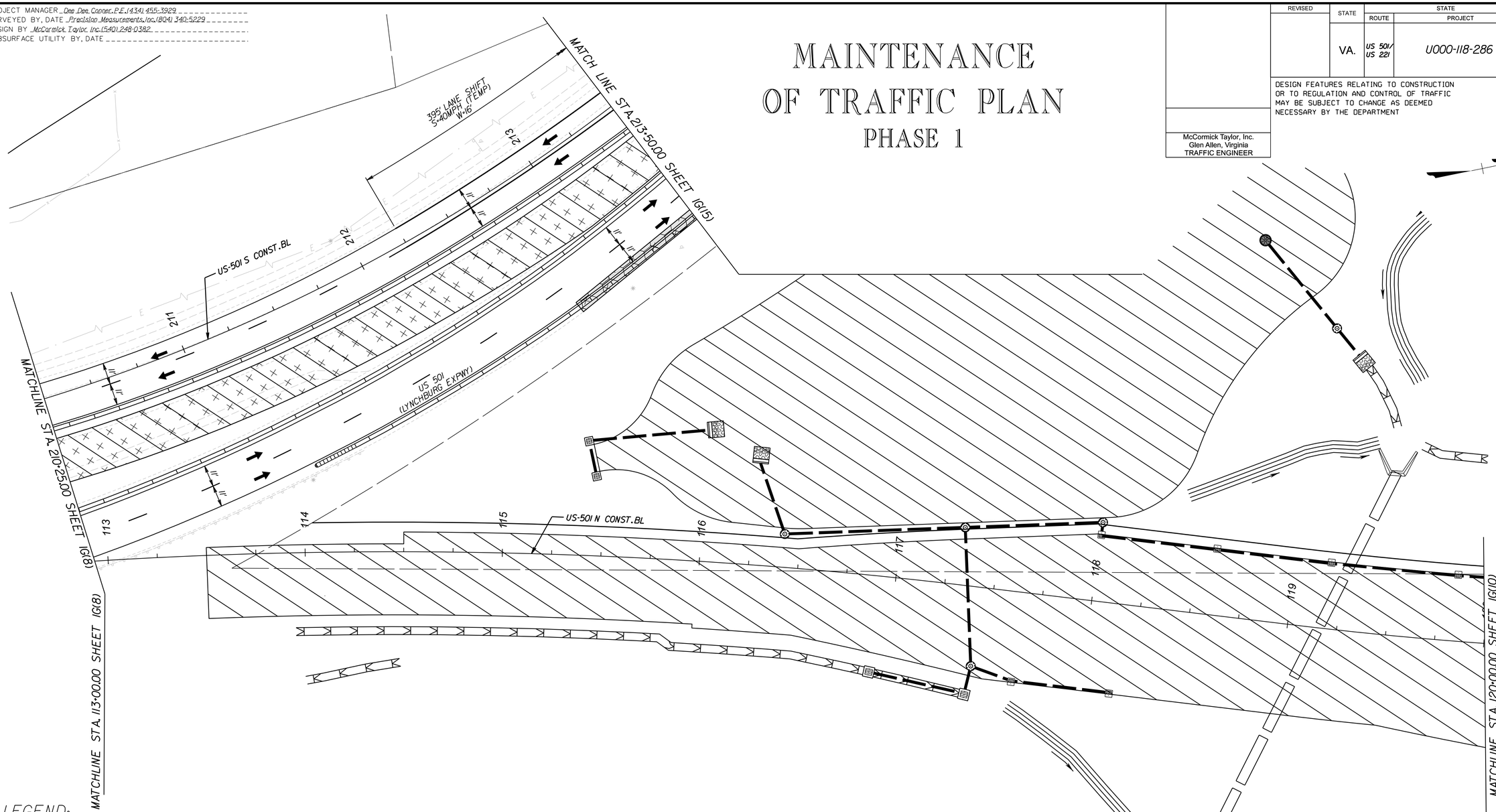
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 1

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(9)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(9)

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(10)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 1

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
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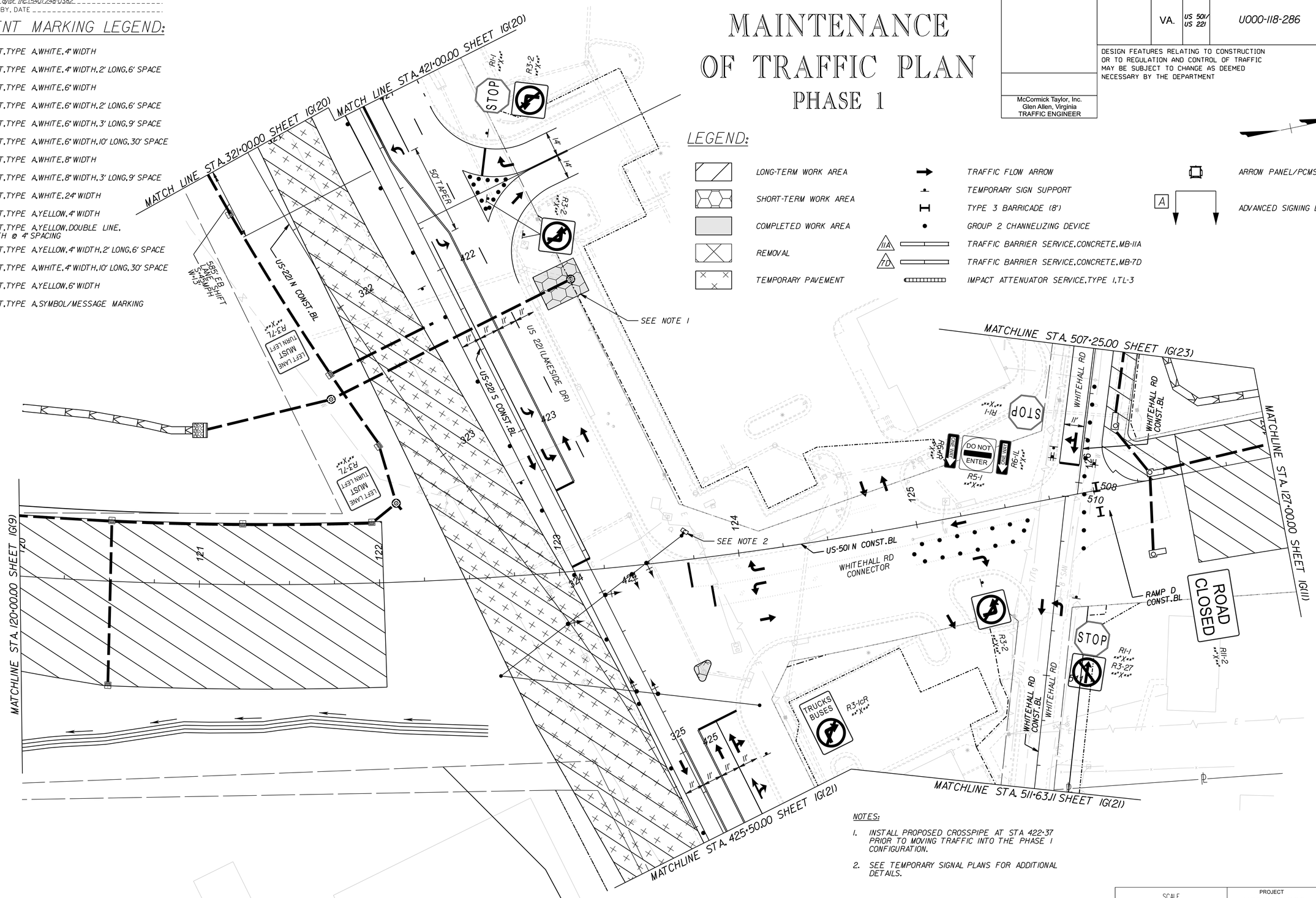
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL



NOTES:

1. INSTALL PROPOSED CROSSPIPE AT STA 422+37 PRIOR TO MOVING TRAFFIC INTO THE PHASE I CONFIGURATION.
2. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(10)

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
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DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 1

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(11)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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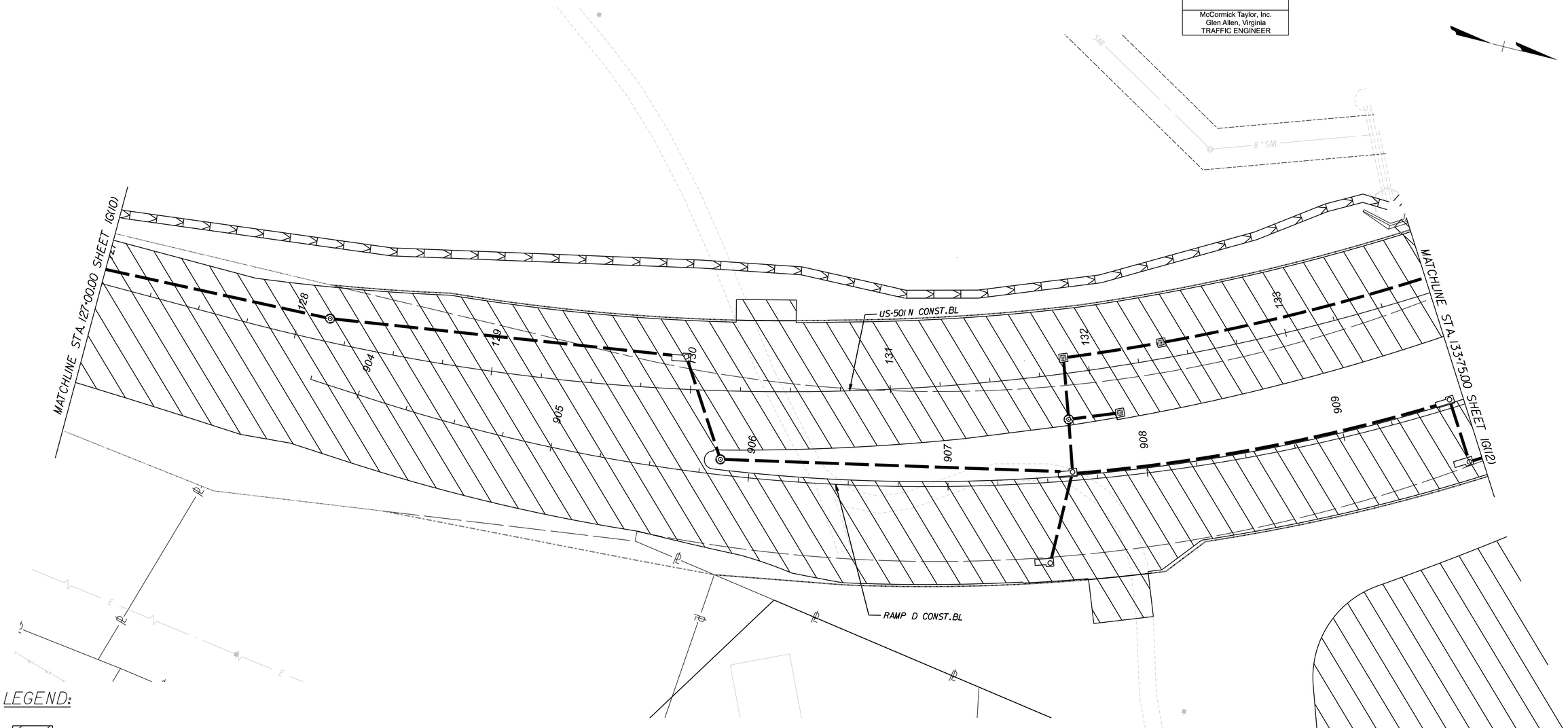

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
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- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
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- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(11)

8/19/2026
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Plotted By: DAG

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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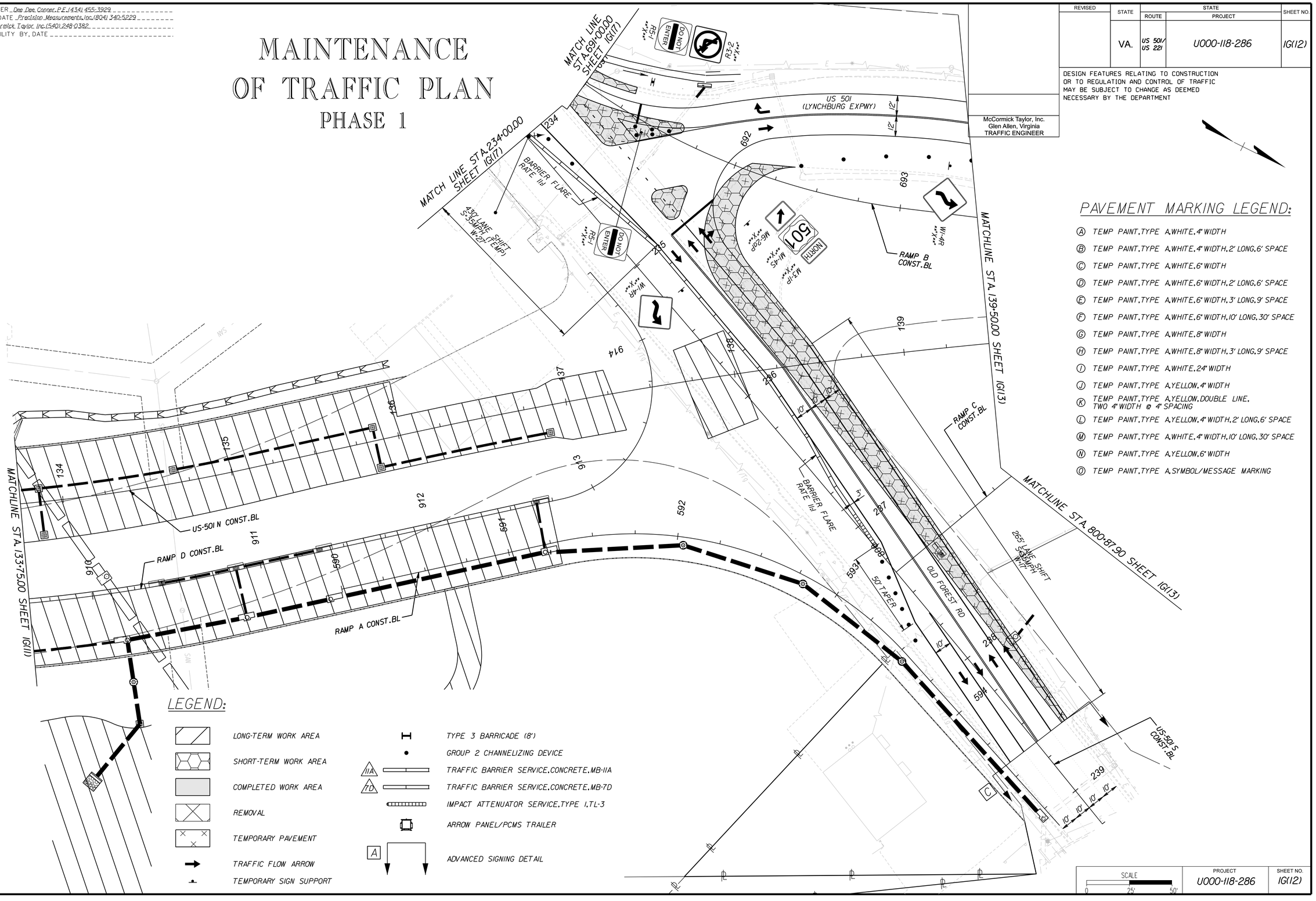
PH PLANS

MAINTENANCE OF TRAFFIC PLAN
PHASE 1

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(12)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
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- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
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- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(12)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(13)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 1

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

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PH PLANS

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
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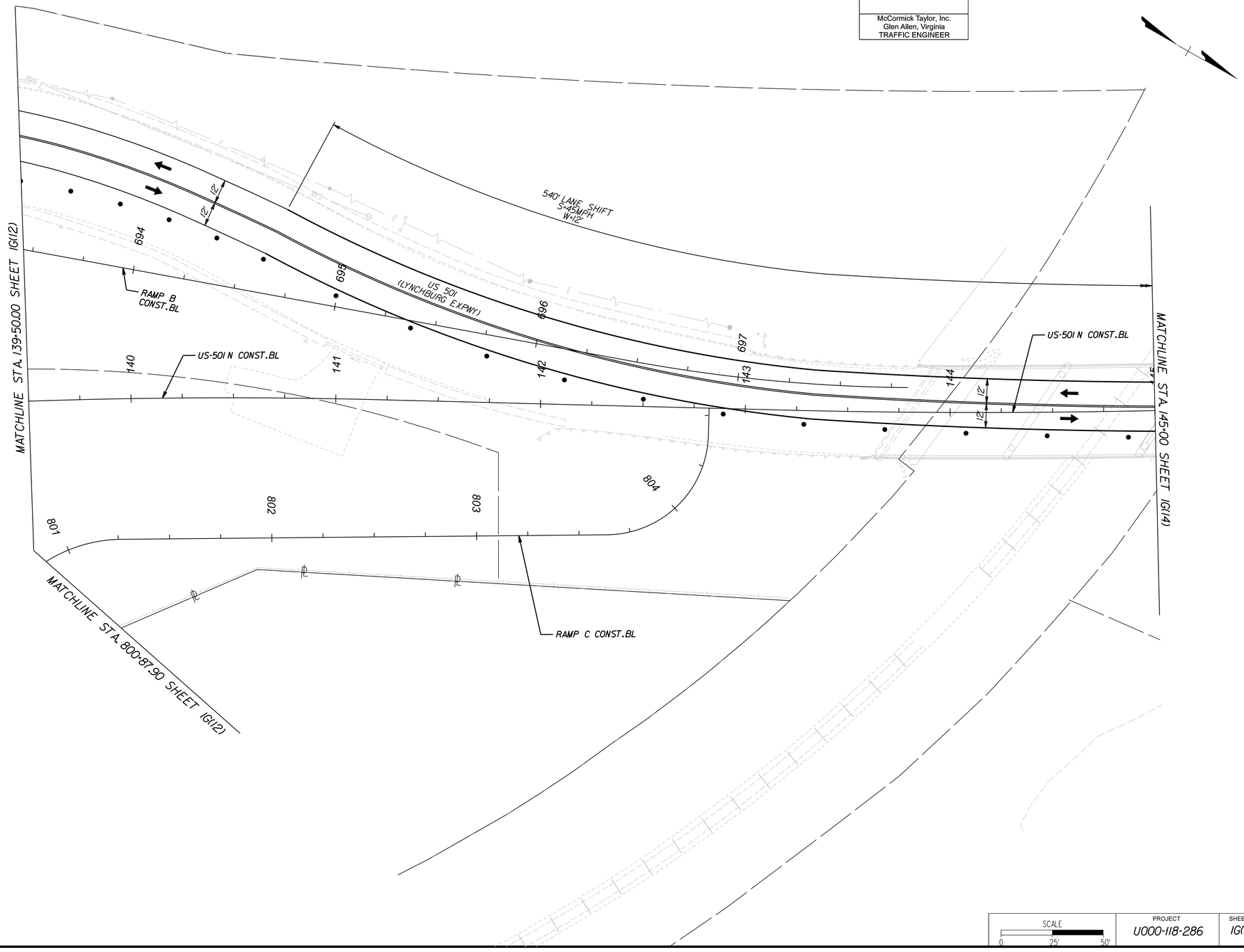

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(13)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 1

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(14)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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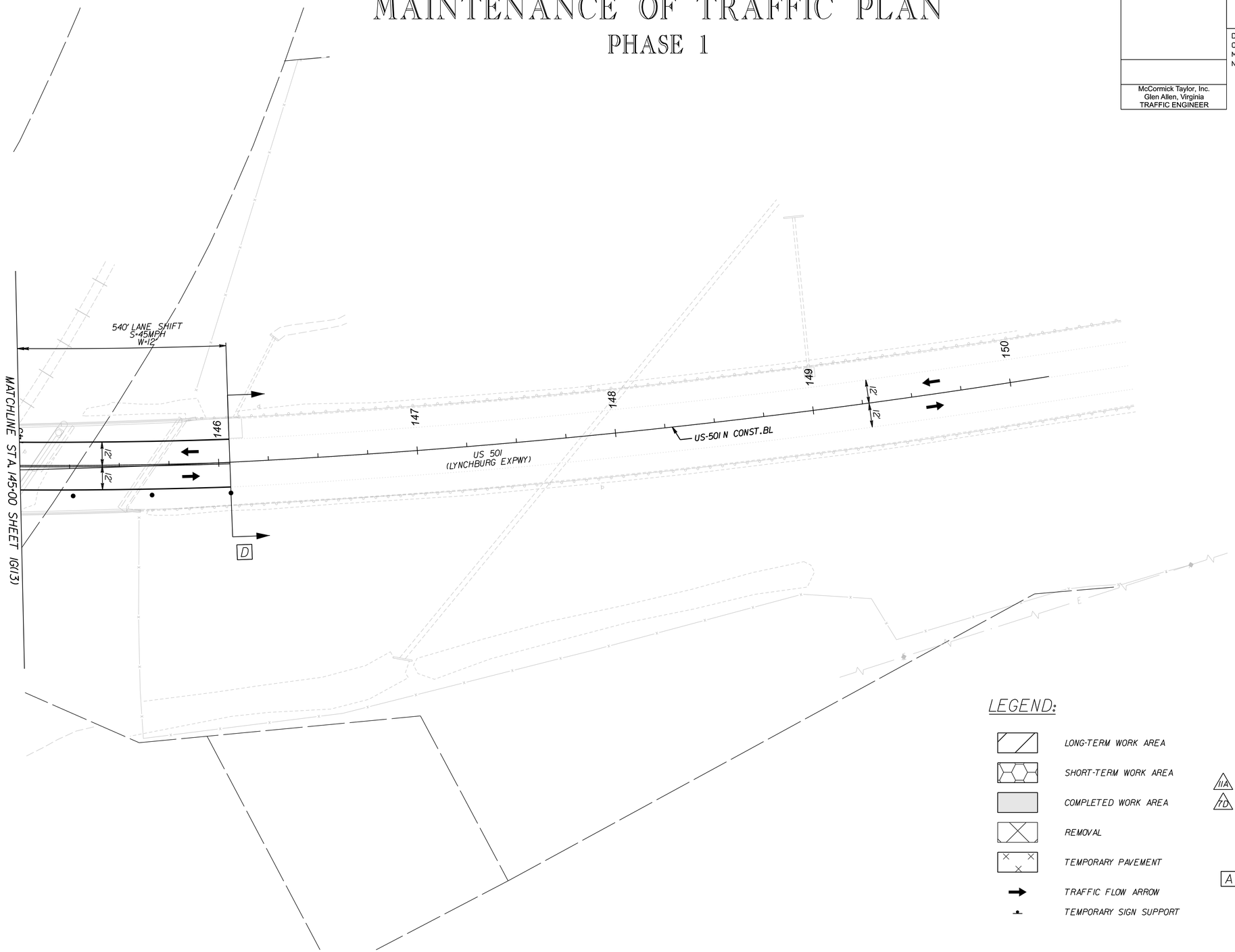
PH PLANS



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
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LEGEND:

- LONG-TERM WORK AREA
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- COMPLETED WORK AREA
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- TEMPORARY SIGN SUPPORT
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- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
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- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(14)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 1

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(15)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

LEGEND:

- LONG-TERM WORK AREA
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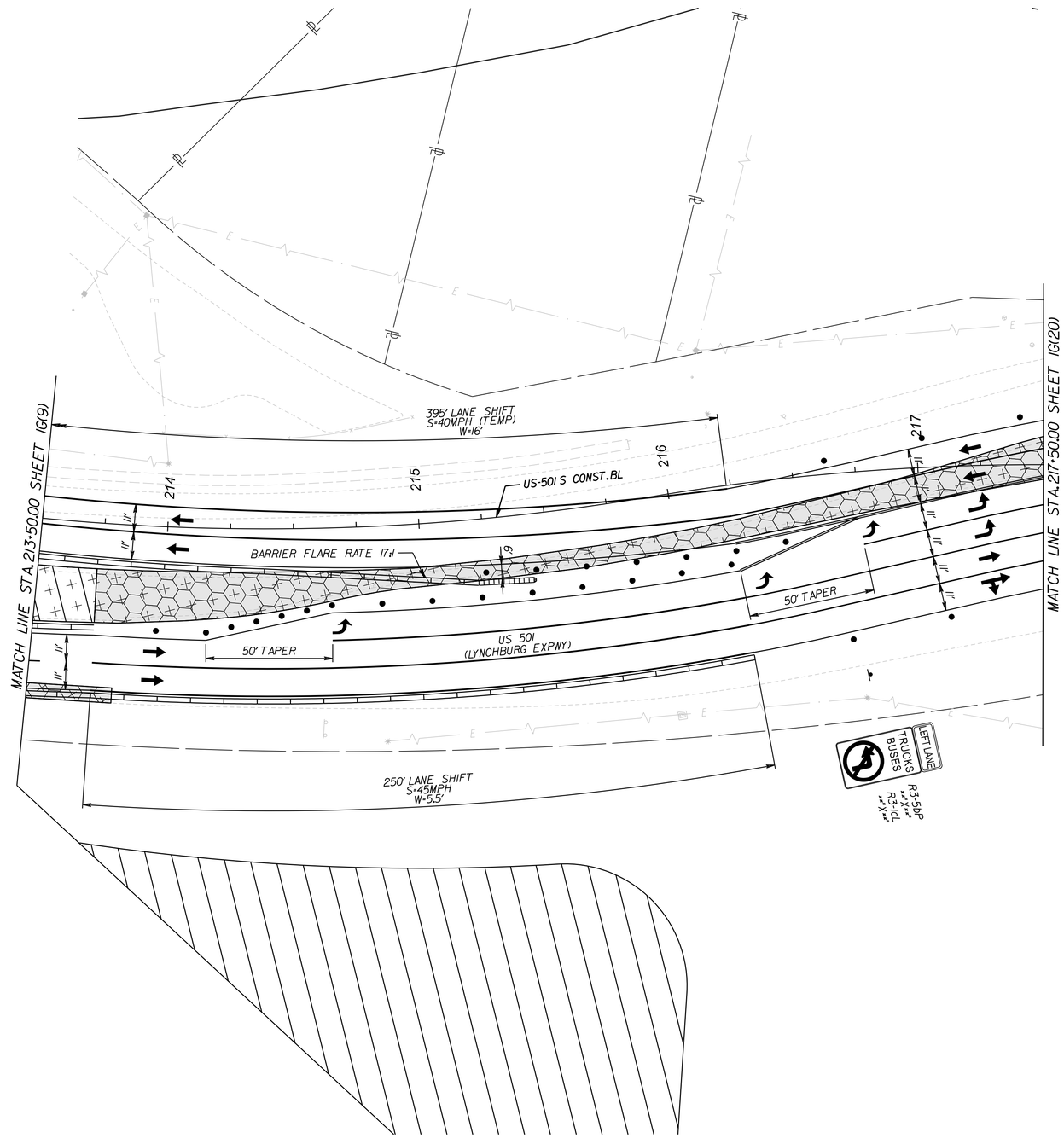
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
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SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(15)

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

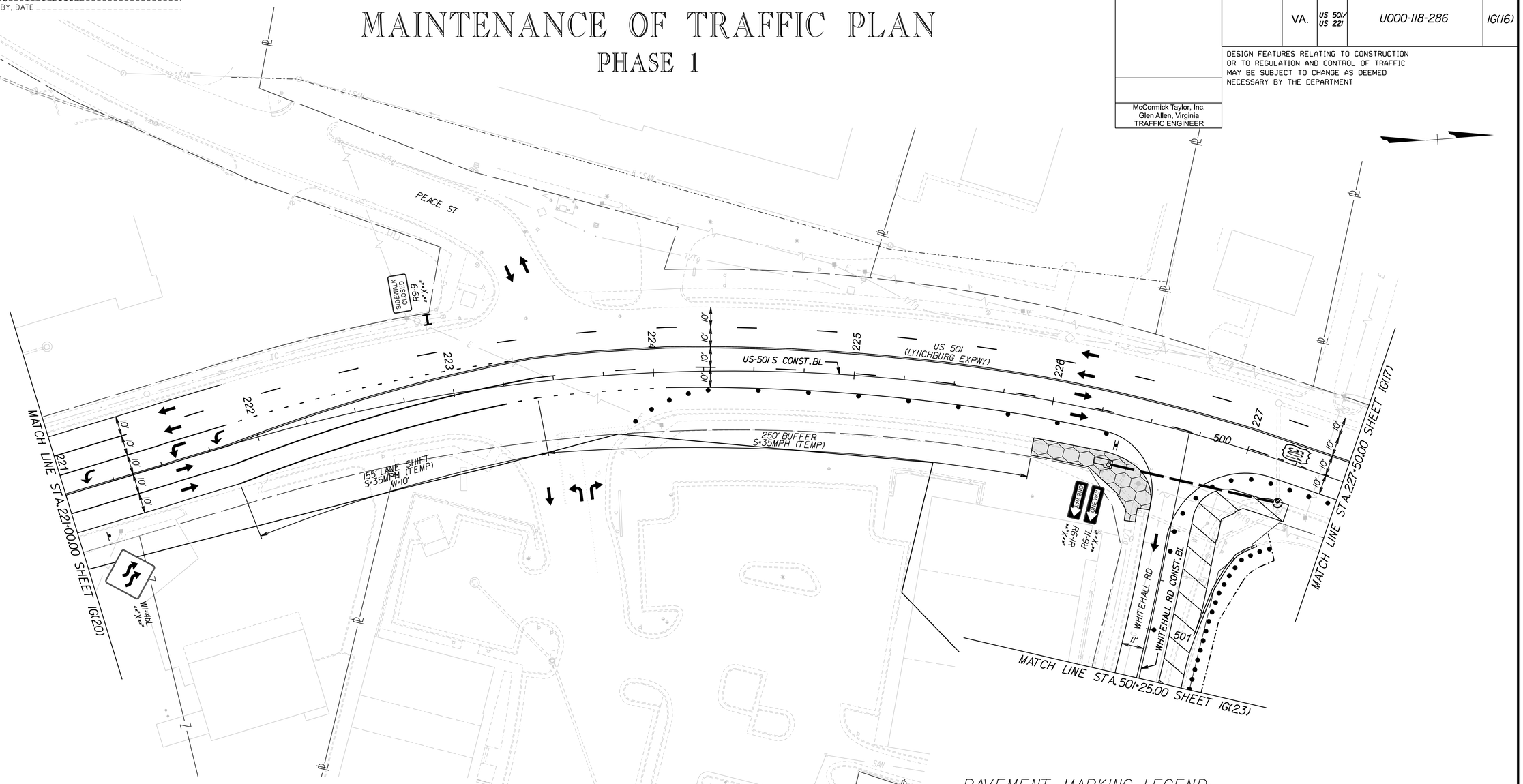
MAINTENANCE OF TRAFFIC PLAN

PHASE 1

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(16)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
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- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
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- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(16)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(17)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

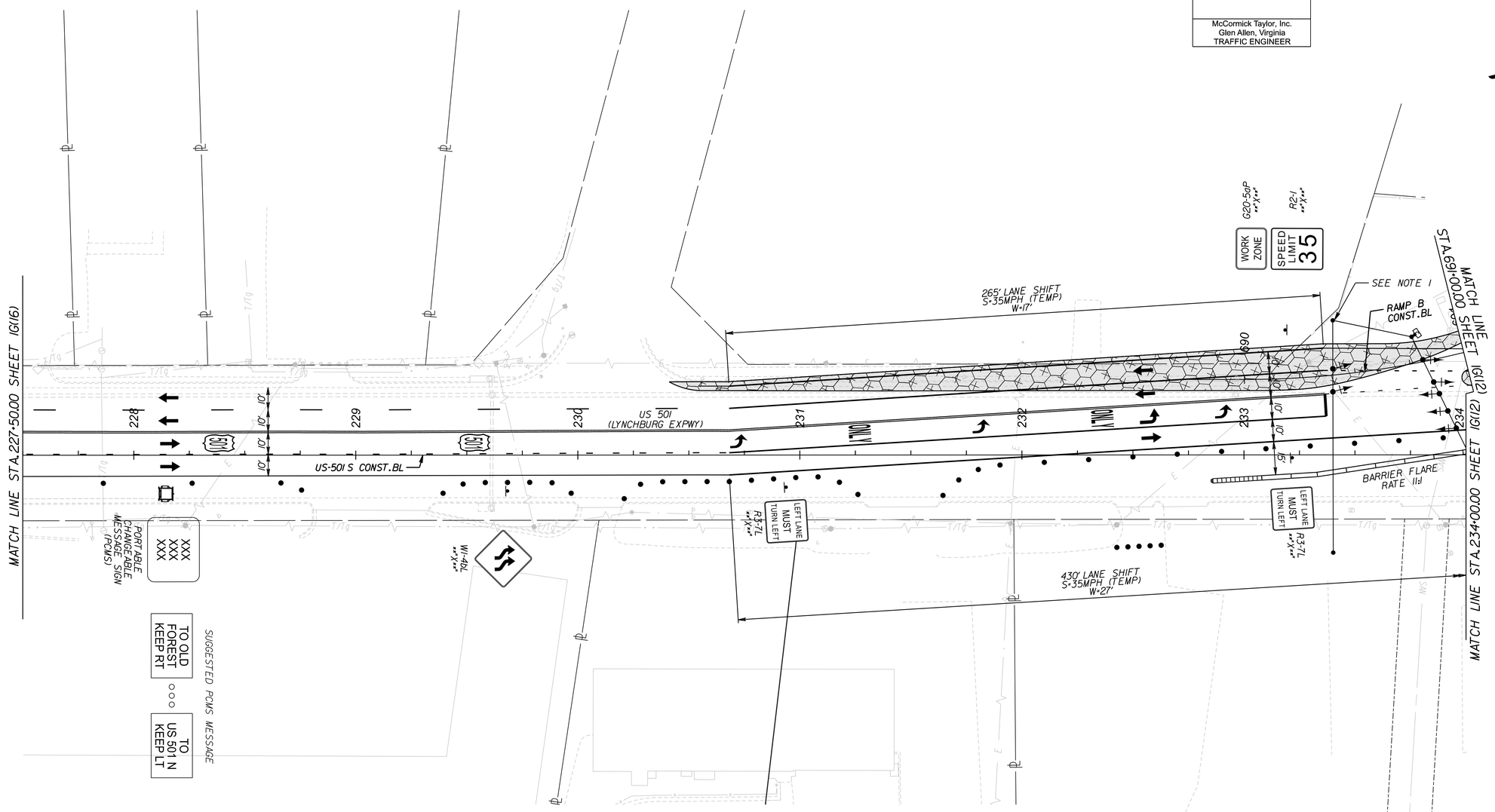
ADDITIONAL EASEMENT FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS

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

MAINTENANCE OF TRAFFIC PLAN

PHASE 1



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

NOTES:

1. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(17)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(18)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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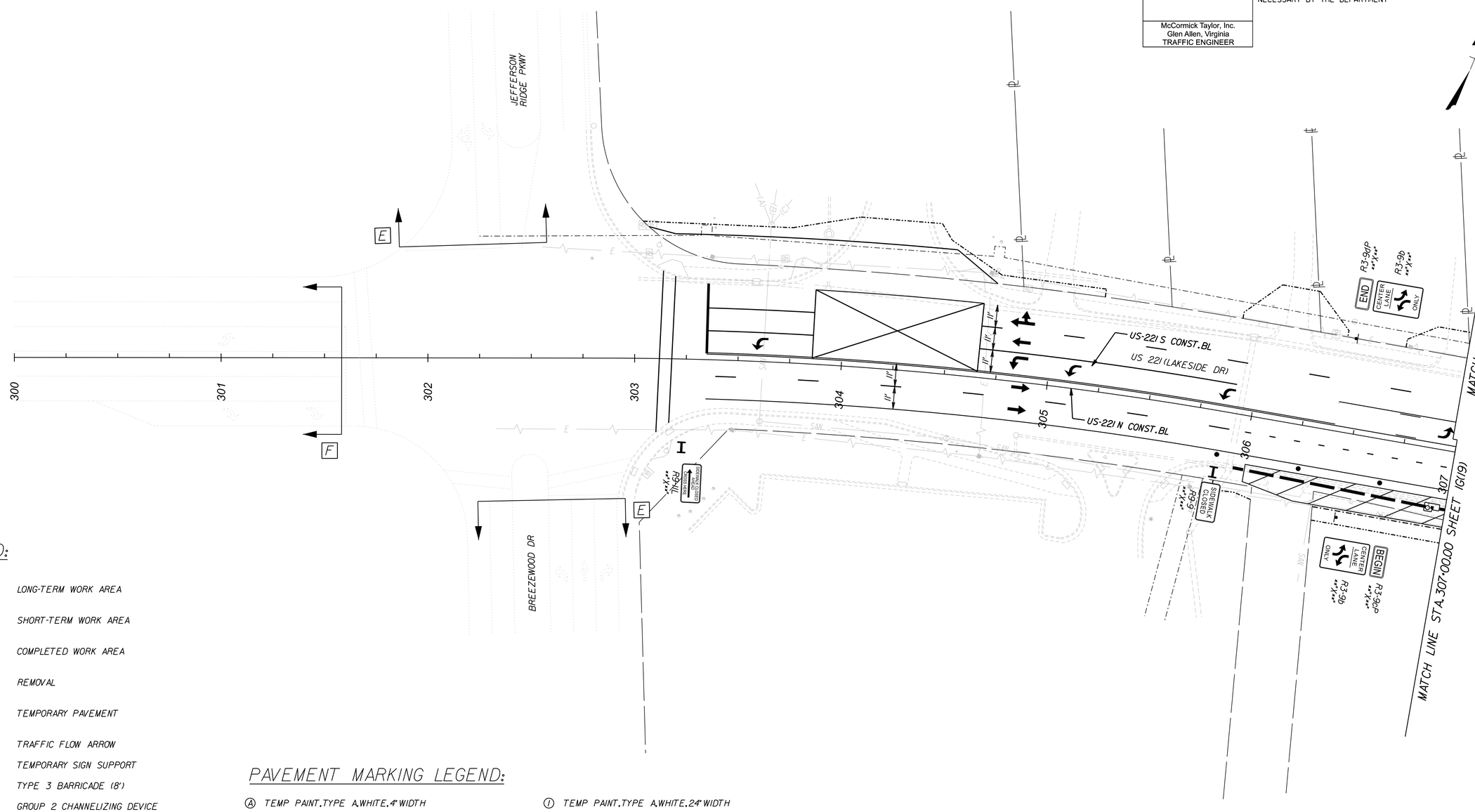
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 1



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
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- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(18)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

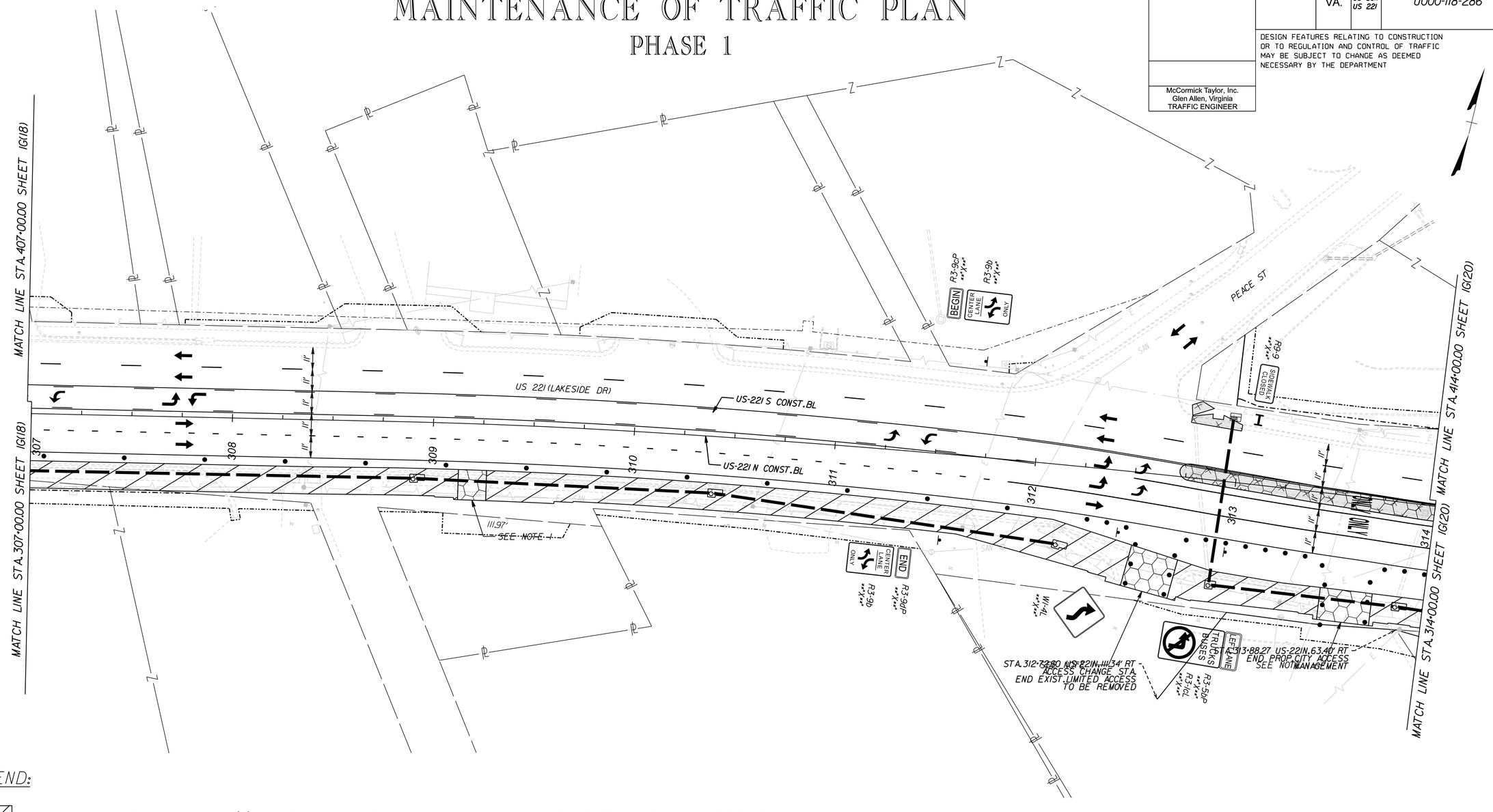
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(19)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN

PHASE 1



ADDITIONAL EASEMENT 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

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

NOTES:

1. CONTRACTOR TO COORDINATE CONSTRUCTION OF PROPOSED DRIVEWAY WITH PROPERTY OWNER.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(19)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(20)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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

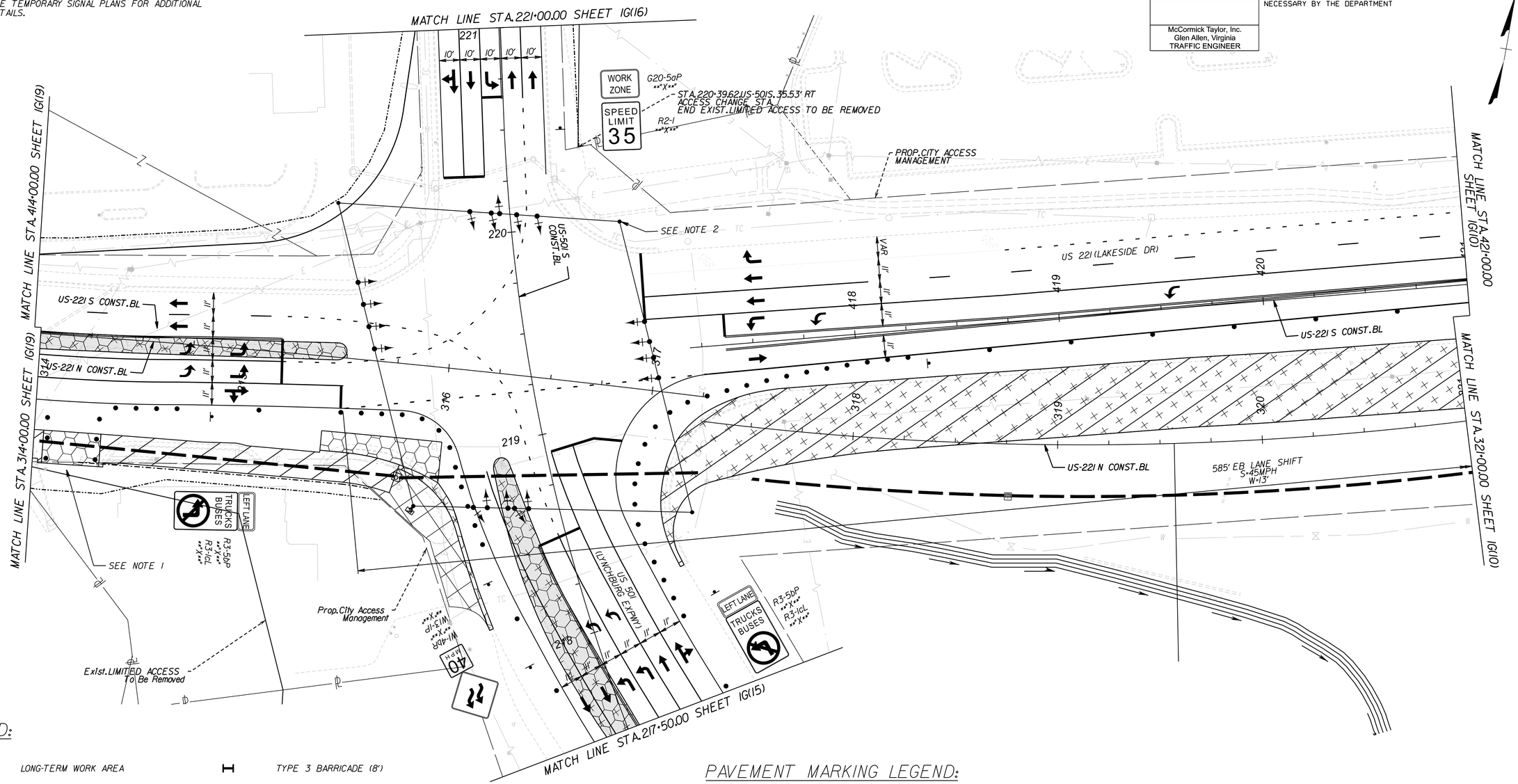
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 1

NOTES:

1. CONTRACTOR TO COORDINATE CONSTRUCTION OF PROPOSED DRIVEWAY WITH PROPERTY OWNER.
2. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(20)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 1

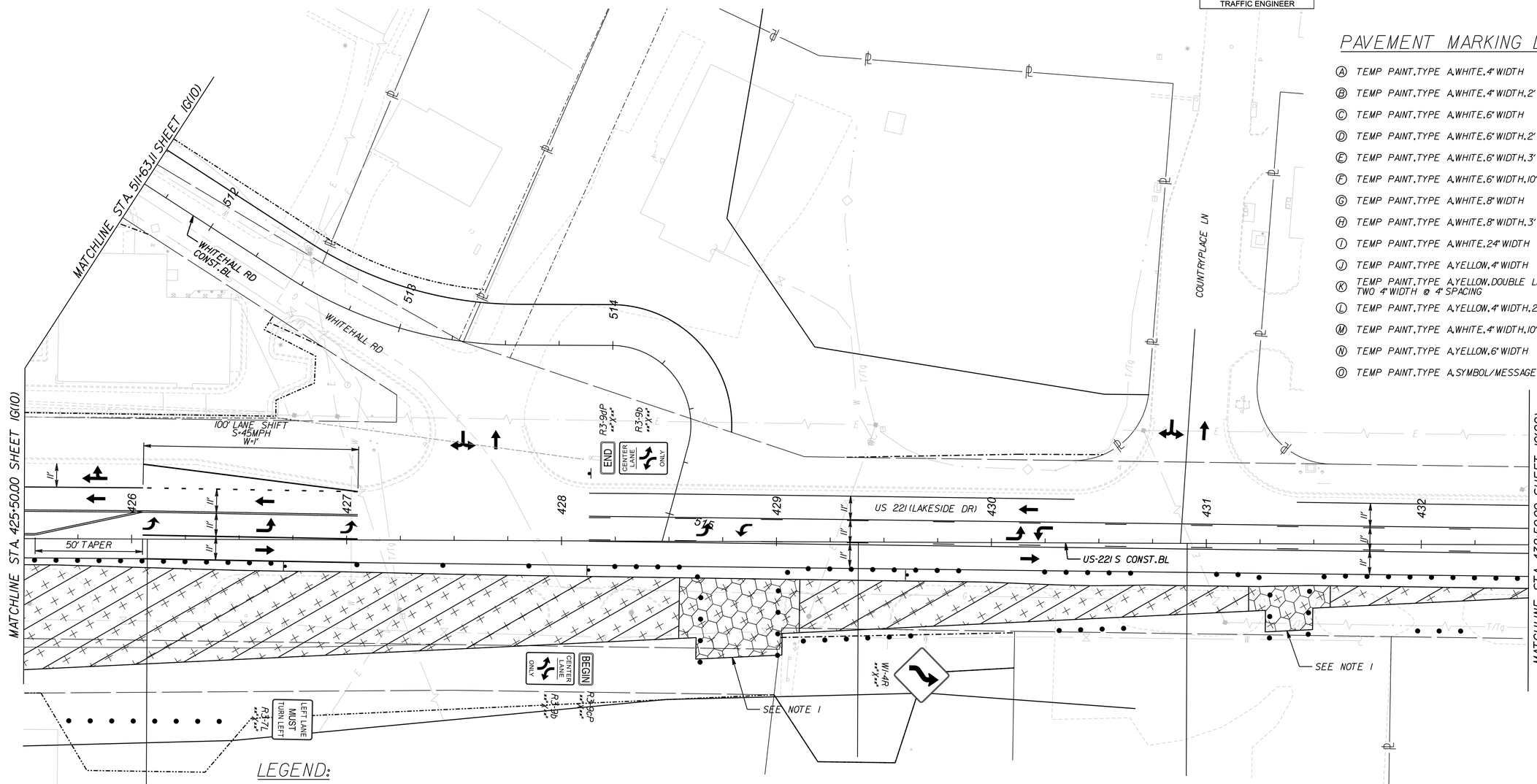
NOTES:

1. CONTRACTOR TO COORDINATE CONSTRUCTION OF PROPOSED DRIVEWAY WITH PROPERTY OWNER.

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(21)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
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- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(21)

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(22)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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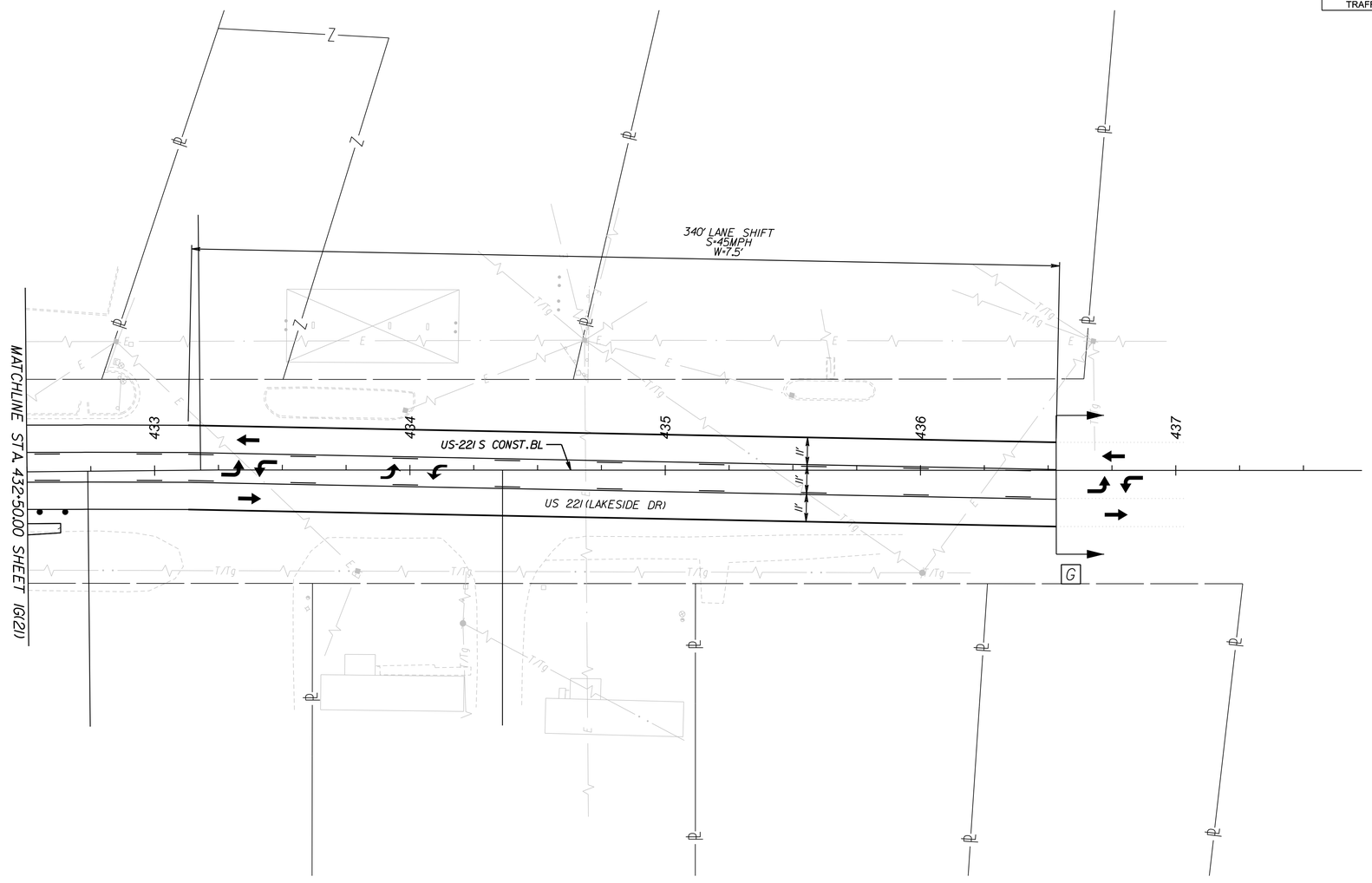
PH PLANS

MAINTENANCE OF TRAFFIC PLAN
PHASE 1



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
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- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
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- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(22)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 1

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(23)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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PH PLANS

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
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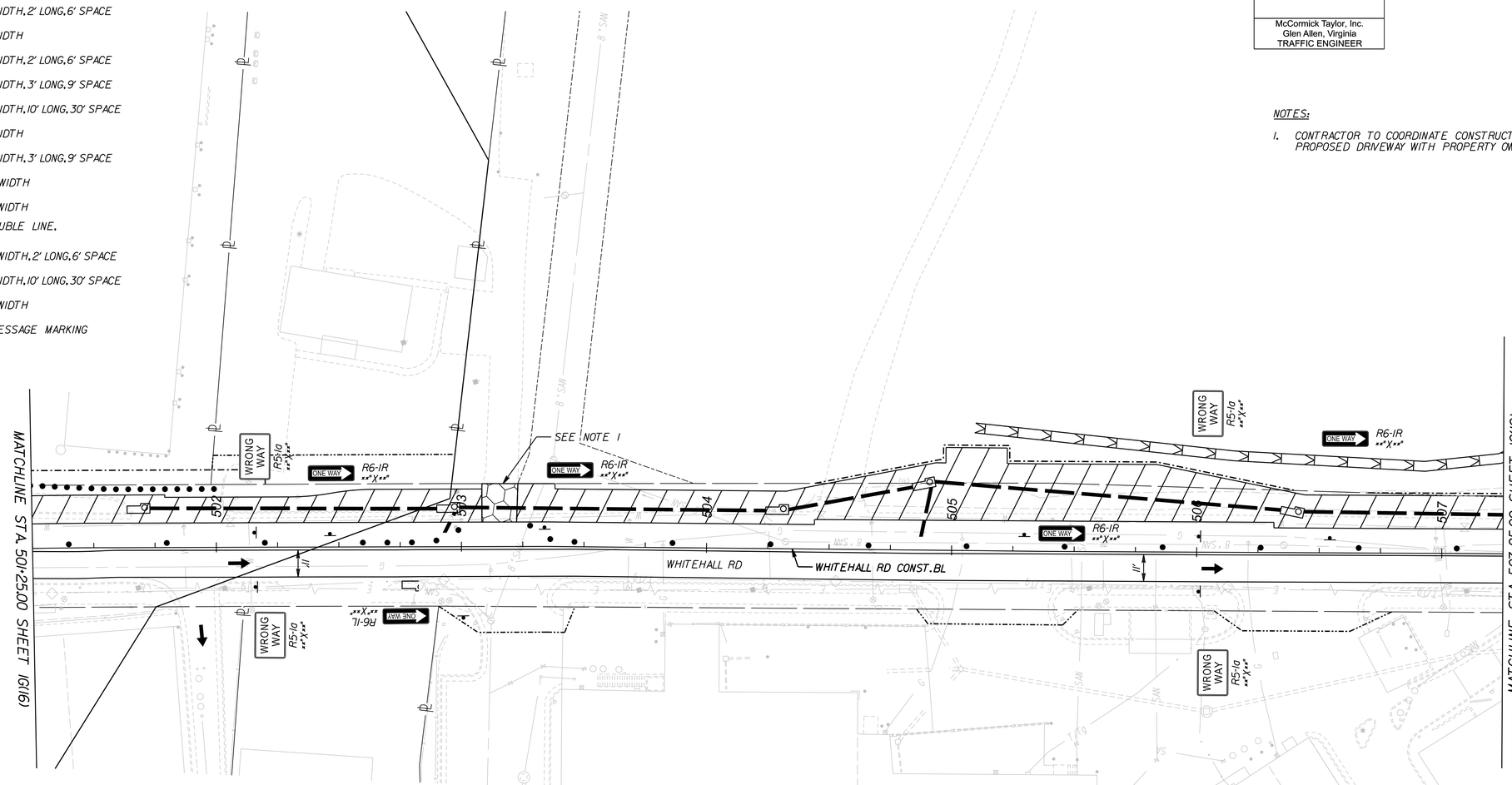
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING



NOTES:

1. CONTRACTOR TO COORDINATE CONSTRUCTION OF PROPOSED DRIVEWAY WITH PROPERTY OWNER.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(23)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(24)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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PH PLANS

MAINTENANCE OF TRAFFIC PLAN
PHASE 2

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
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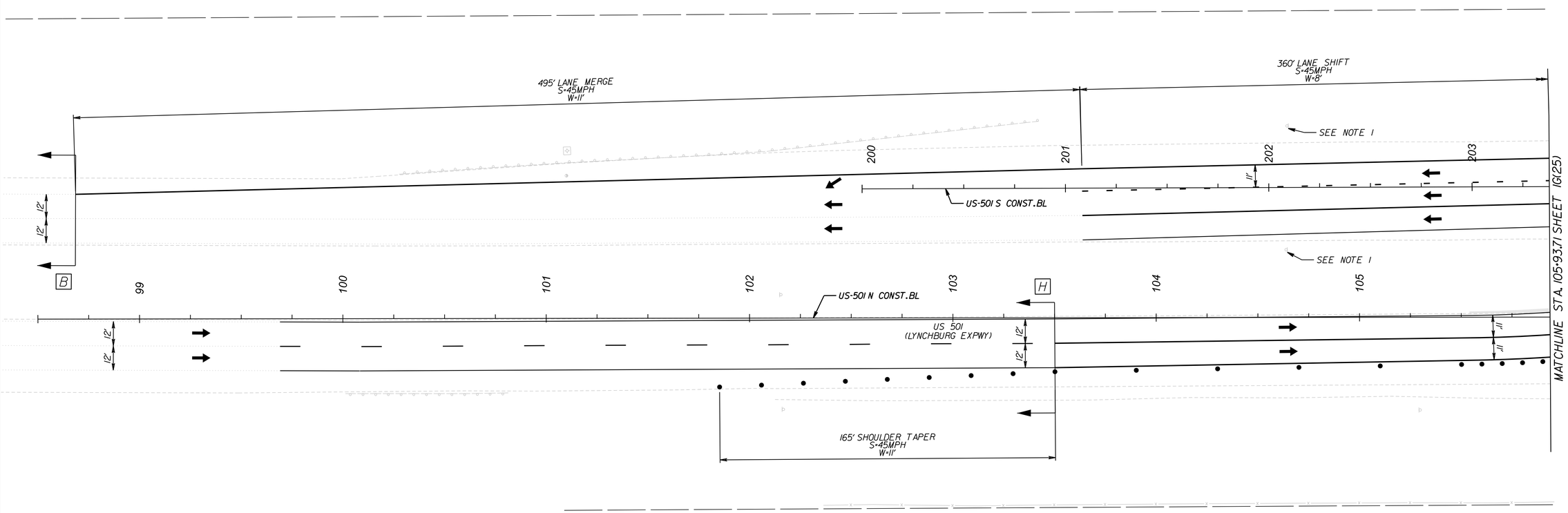
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

NOTES:

1. EXISTING 55MPH SPEED LIMIT SIGNS REMAIN COVERED.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(24)

8/19/2026
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Plotted By: DAG

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

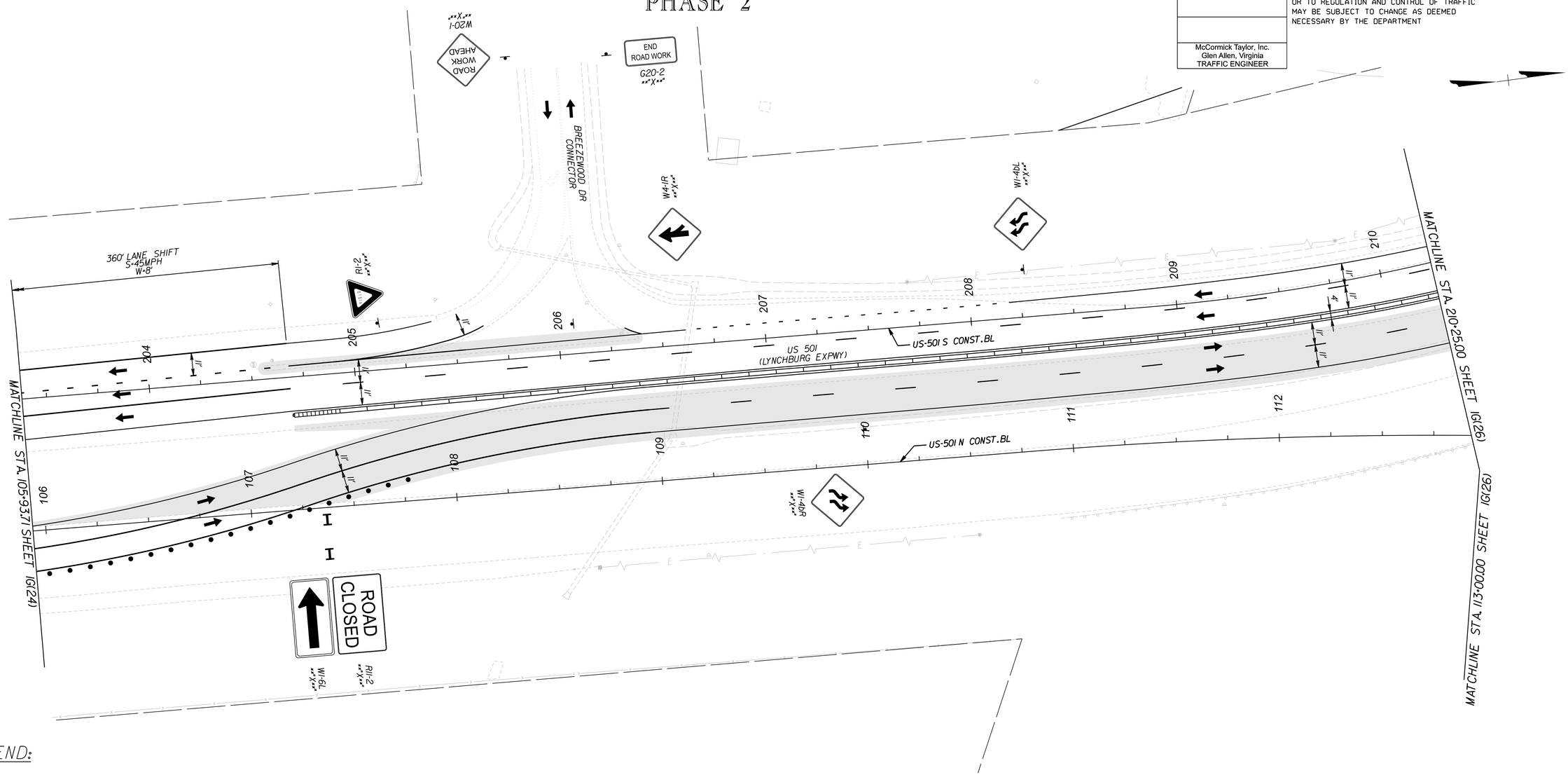
MAINTENANCE OF TRAFFIC PLAN

PHASE 2

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(25)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(25)

ADDITIONAL EASEMENT 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

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

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PH PLANS

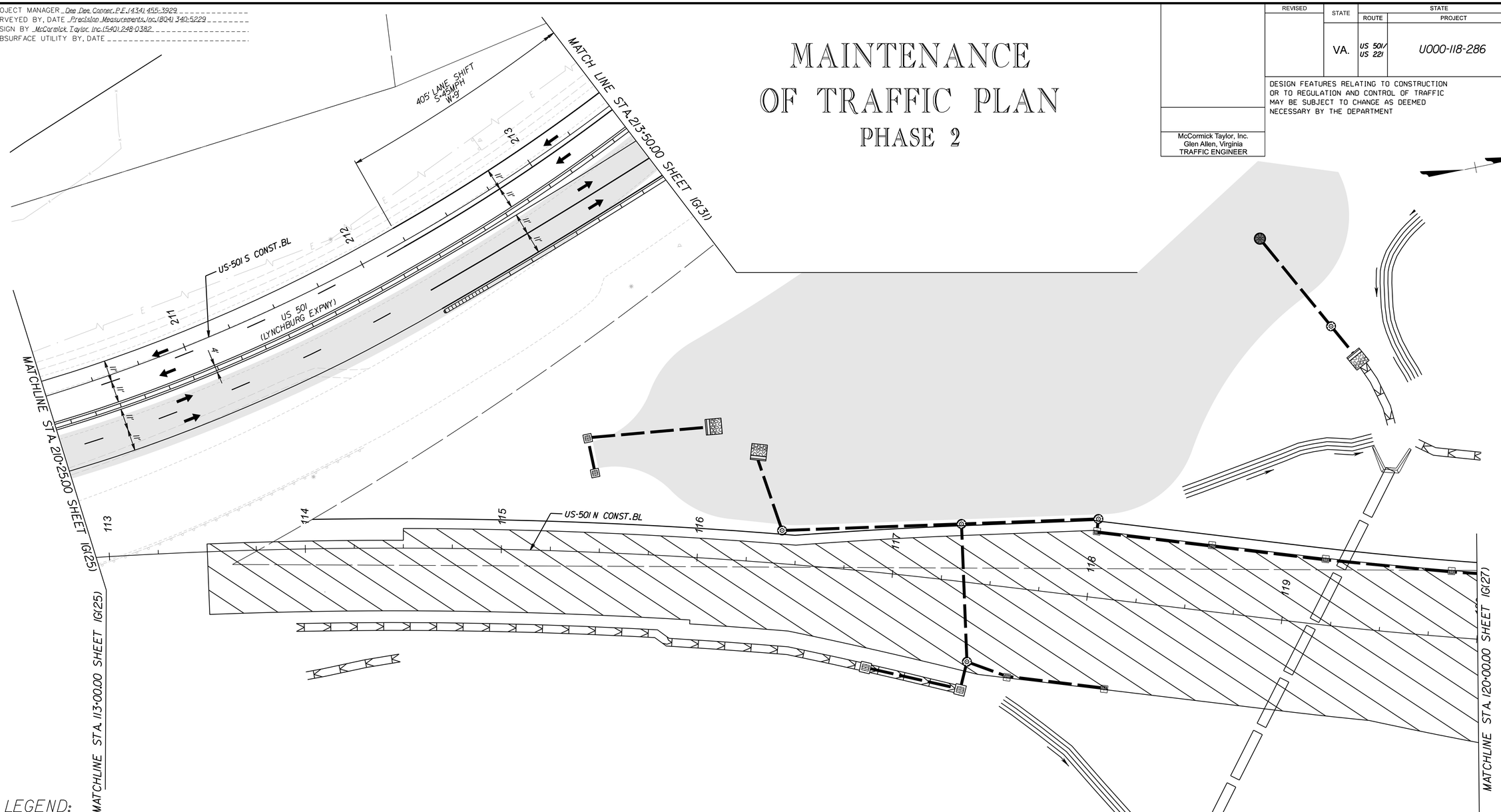
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 2

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(26)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(26)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(27)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 2

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
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- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
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LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
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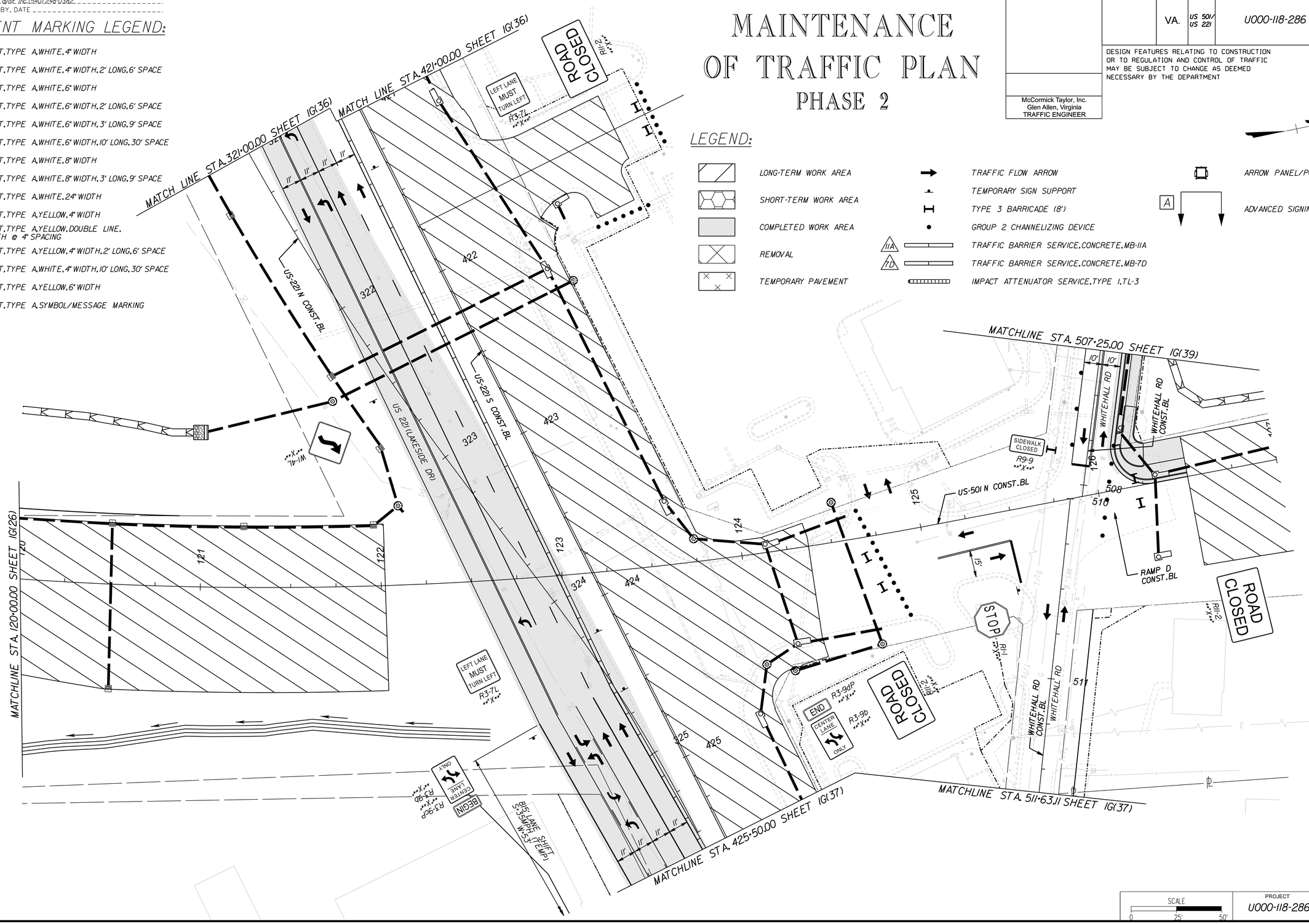
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL



SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(27)

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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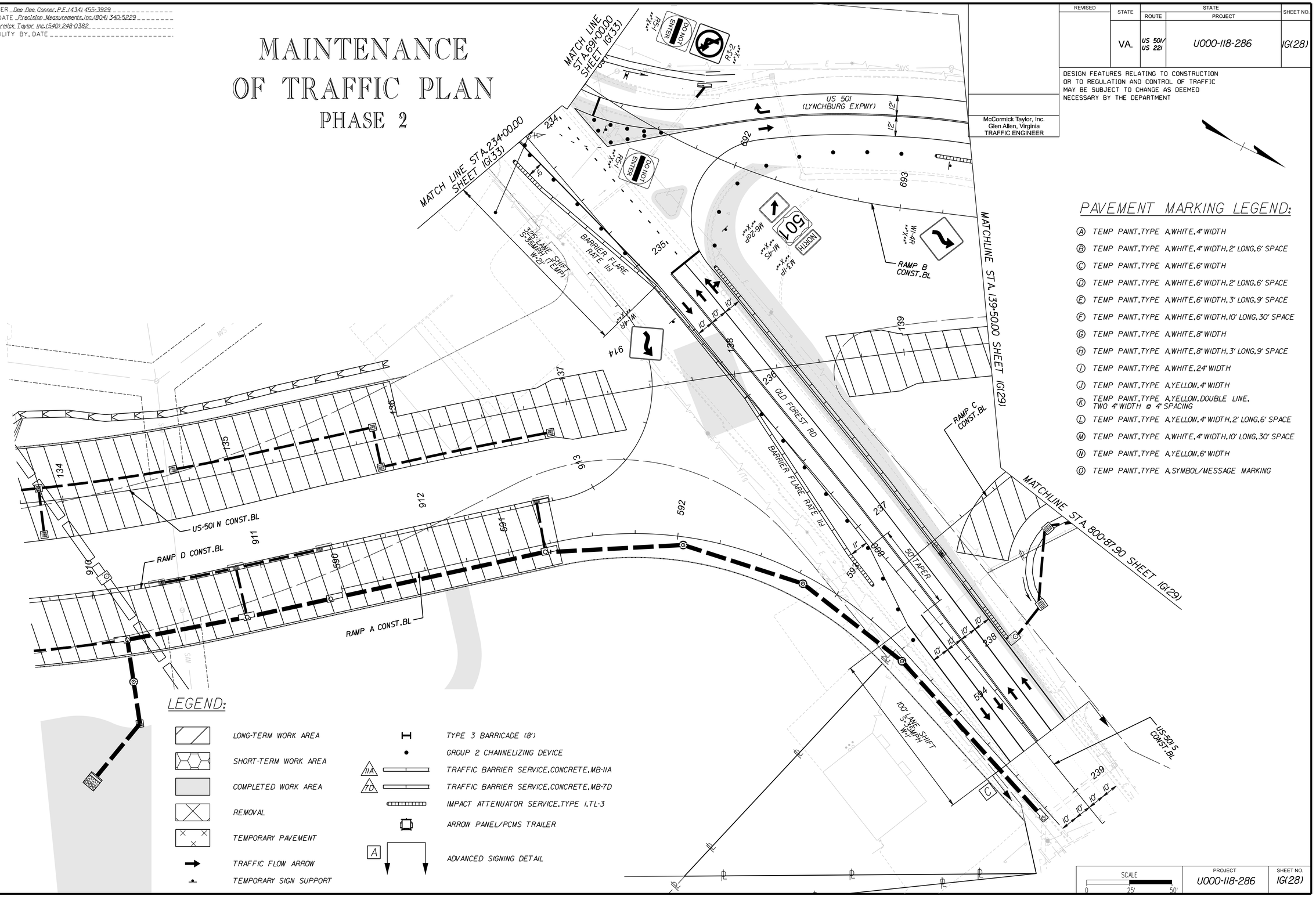
PH PLANS

MAINTENANCE OF TRAFFIC PLAN
PHASE 2



McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(28)

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) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
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- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
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- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
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LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
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- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(28)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(29)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 2

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

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PH PLANS

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
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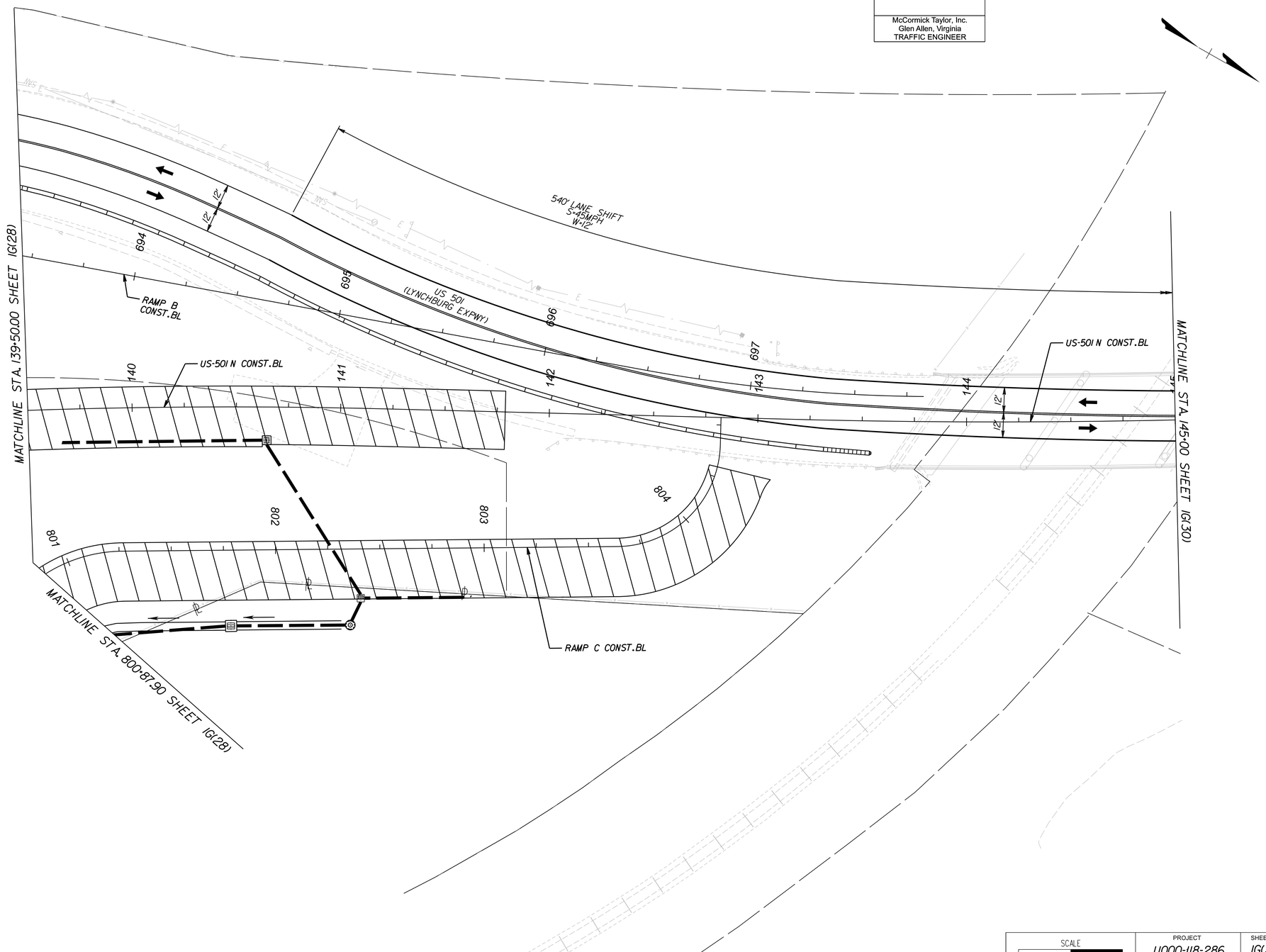

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(29)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 2

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(30)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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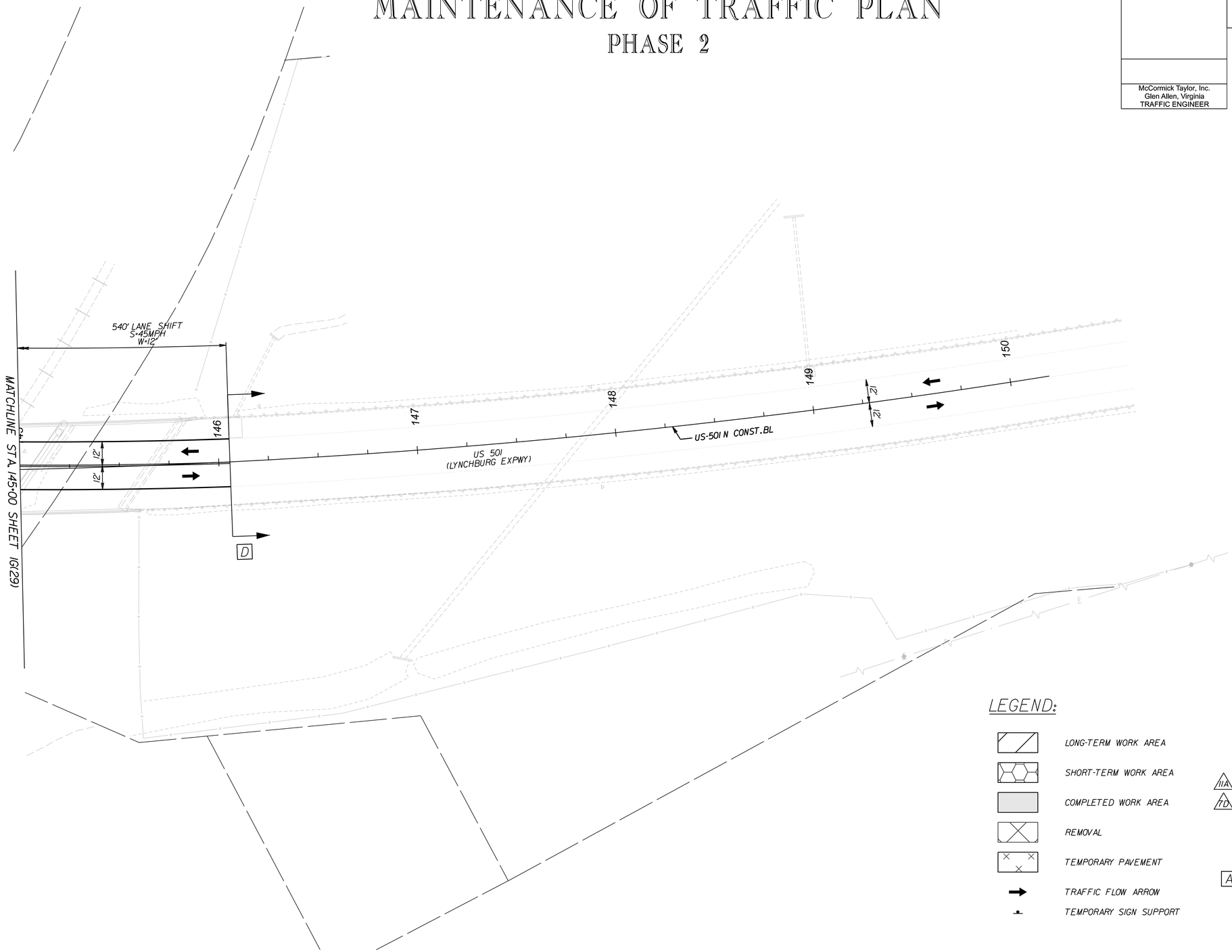
PH PLANS



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
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- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
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LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(30)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 2

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(31)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
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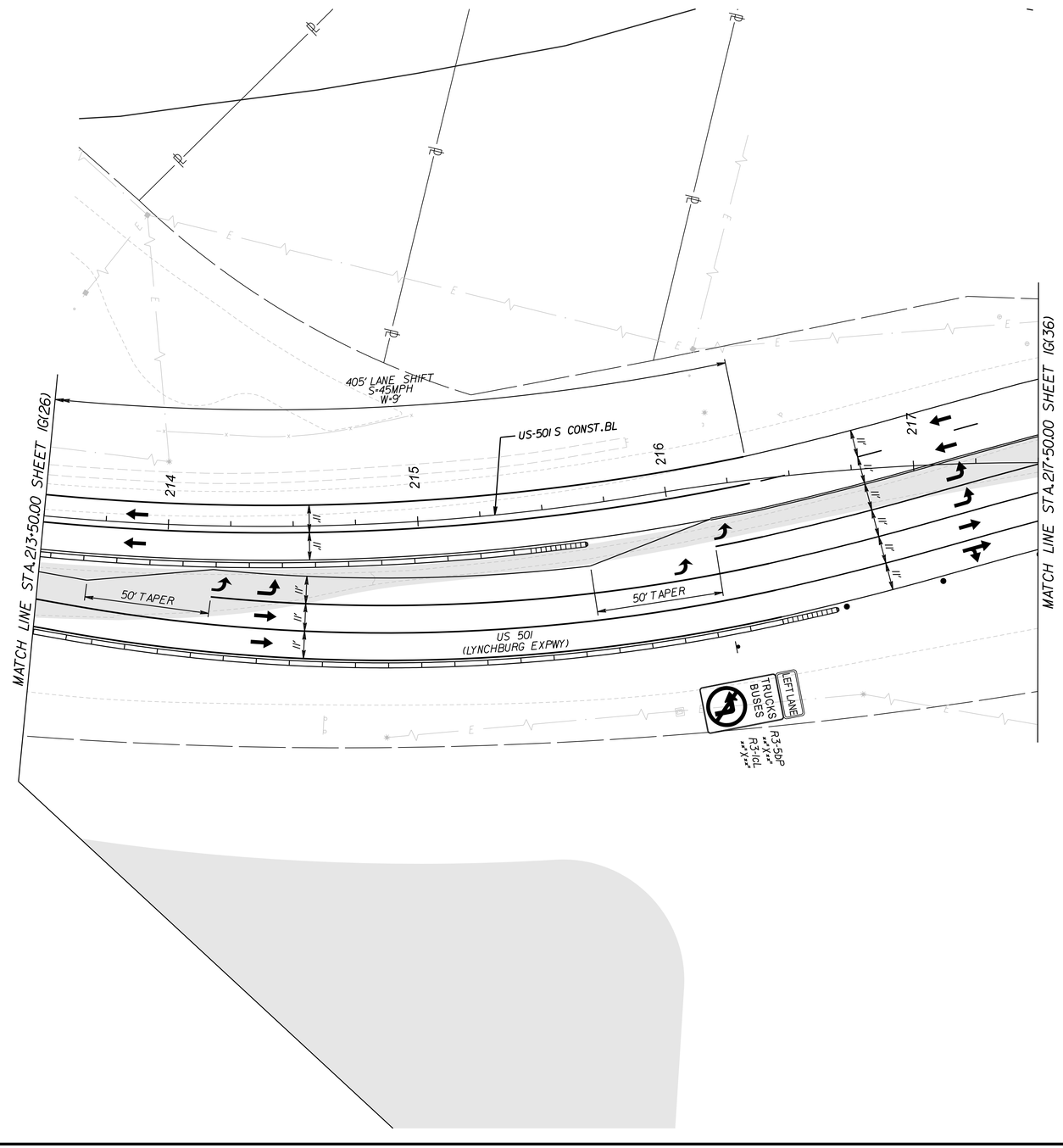
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
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SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(31)

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

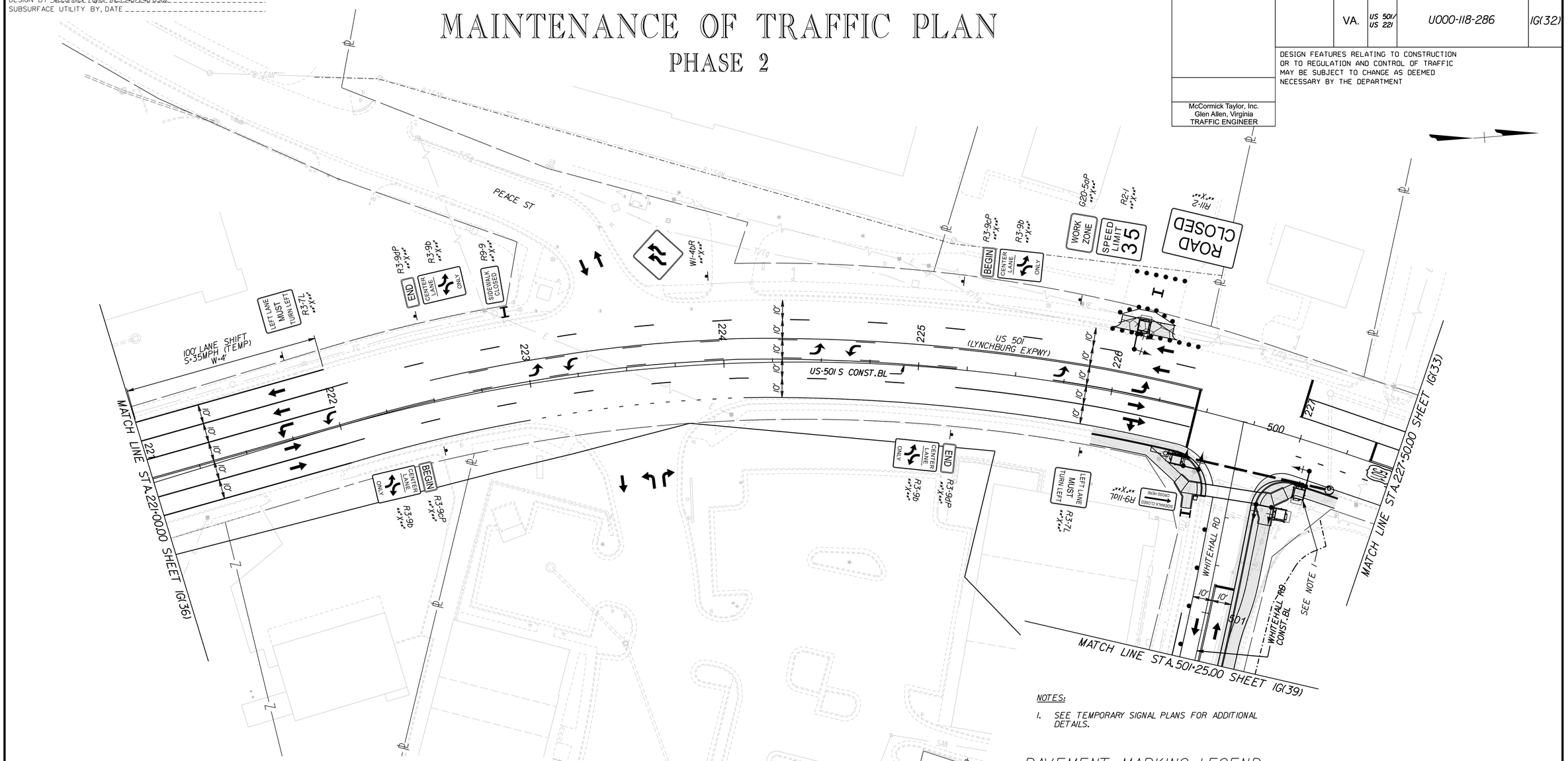
MAINTENANCE OF TRAFFIC PLAN

PHASE 2

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(32)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



NOTES:

1. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(32)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(33)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

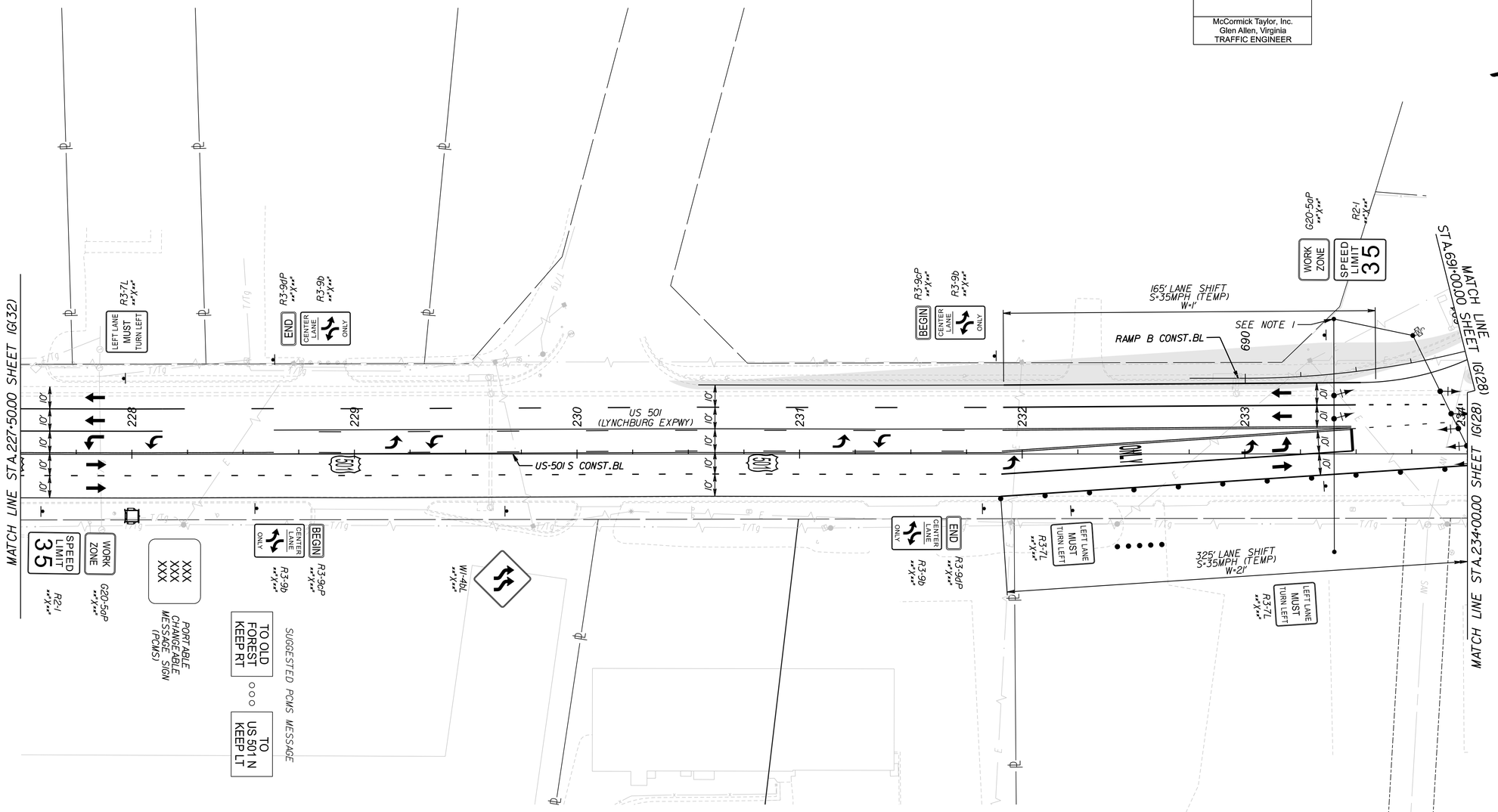
ADDITIONAL EASEMENT FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS

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

MAINTENANCE OF TRAFFIC PLAN

PHASE 2



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

NOTES:

1. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(33)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 2

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(34)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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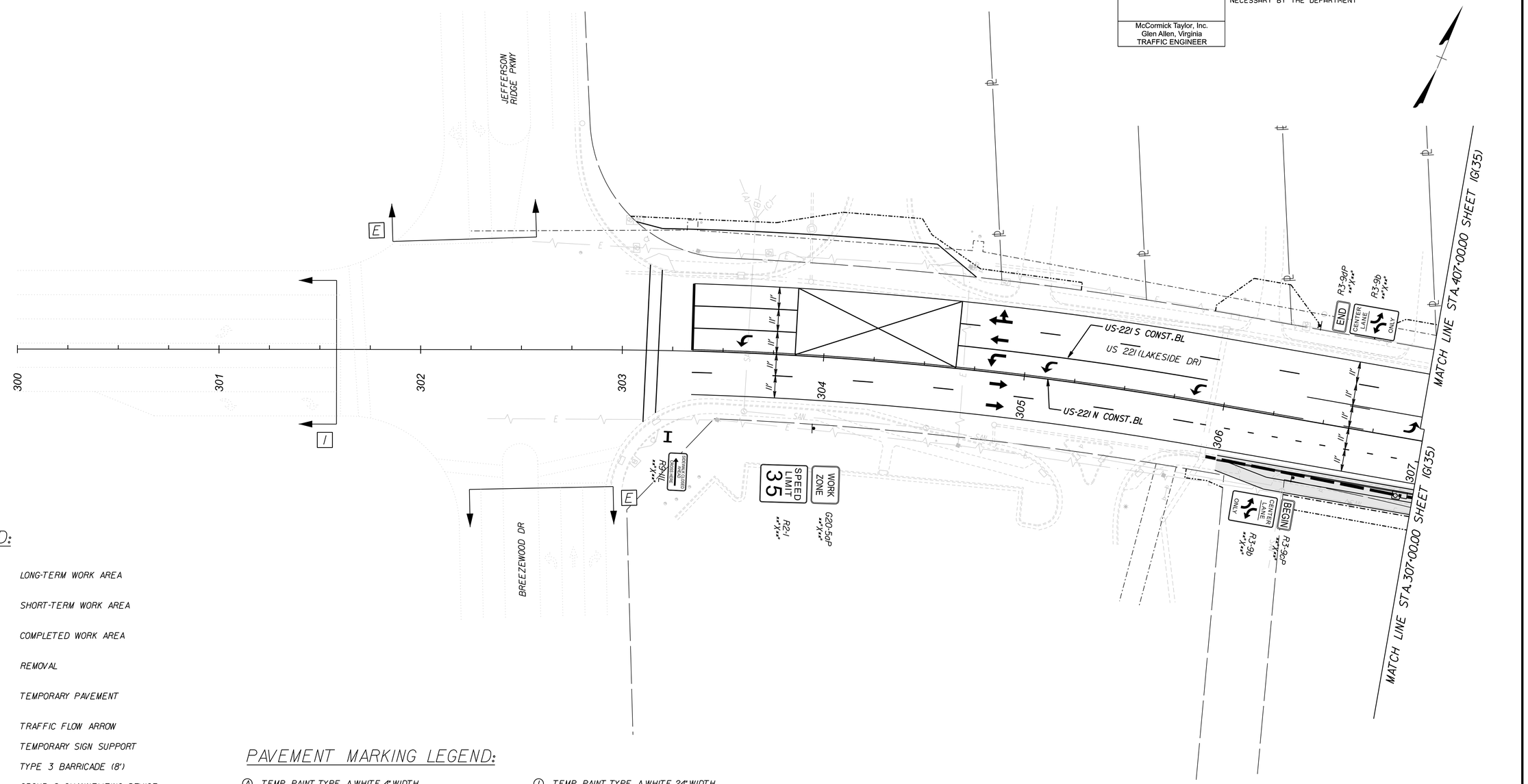
PH PLANS



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(34)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(35)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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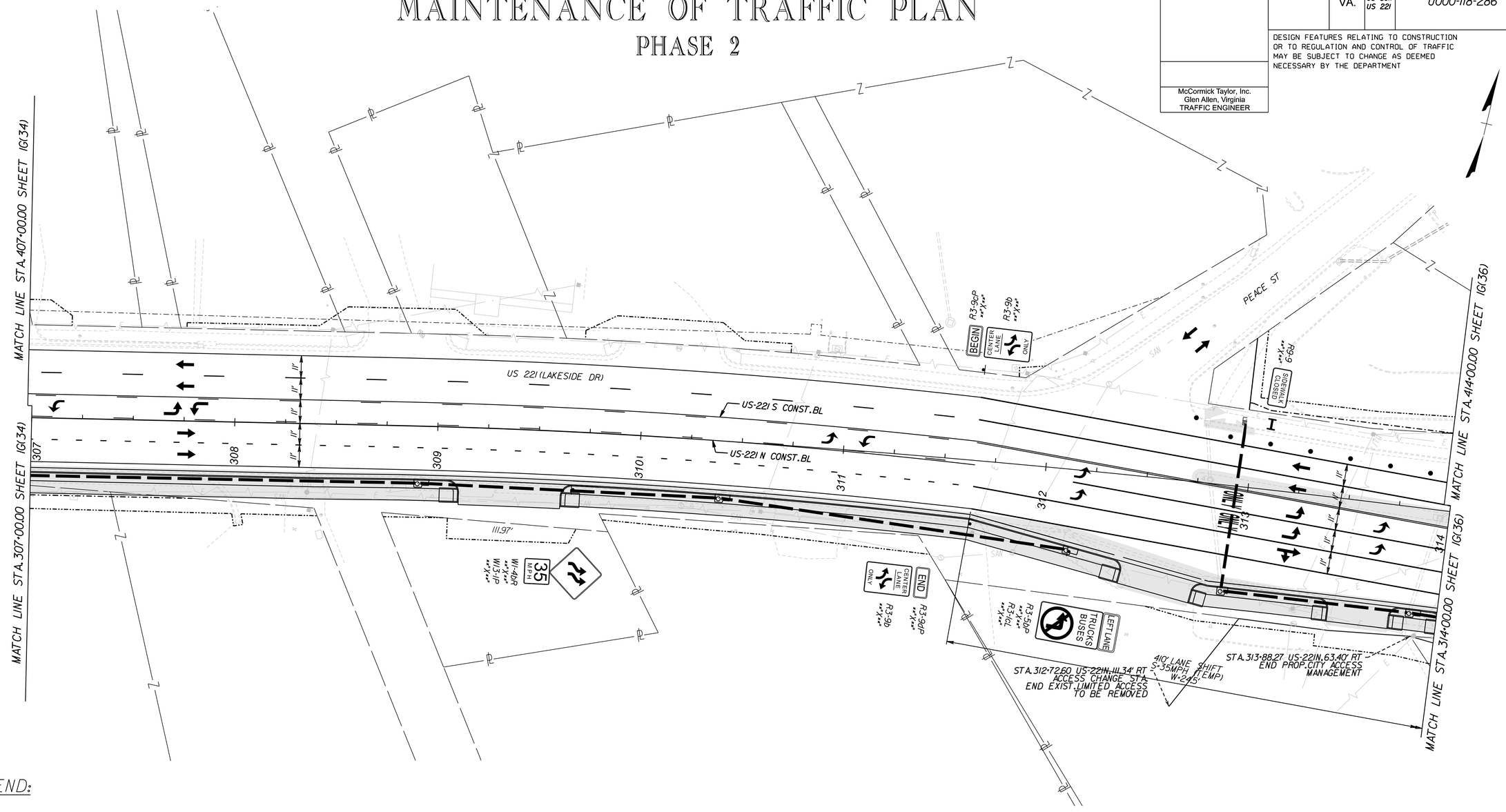
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 2



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE.CONCRETE.MB-IIA
- 7D — TRAFFIC BARRIER SERVICE.CONCRETE.MB-7D
- IMPACT ATTENUATOR SERVICE.TYPE I.TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT.TYPE A.WHITE.4" WIDTH
- (B) TEMP PAINT.TYPE A.WHITE.4" WIDTH.2' LONG.6' SPACE
- (C) TEMP PAINT.TYPE A.WHITE.6" WIDTH
- (D) TEMP PAINT.TYPE A.WHITE.6" WIDTH.2' LONG.6' SPACE
- (E) TEMP PAINT.TYPE A.WHITE.6" WIDTH.3' LONG.9' SPACE
- (F) TEMP PAINT.TYPE A.WHITE.6" WIDTH.10' LONG.30' SPACE
- (G) TEMP PAINT.TYPE A.WHITE.8" WIDTH
- (H) TEMP PAINT.TYPE A.WHITE.8" WIDTH.3' LONG.9' SPACE
- (I) TEMP PAINT.TYPE A.WHITE.24" WIDTH
- (J) TEMP PAINT.TYPE A.YELLOW.4" WIDTH
- (K) TEMP PAINT.TYPE A.YELLOW.DOUBLE LINE. TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT.TYPE A.YELLOW.4" WIDTH.2' LONG.6' SPACE
- (M) TEMP PAINT.TYPE A.WHITE.4" WIDTH.10' LONG.30' SPACE
- (N) TEMP PAINT.TYPE A.YELLOW.6" WIDTH
- (O) TEMP PAINT.TYPE A.SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(35)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(36)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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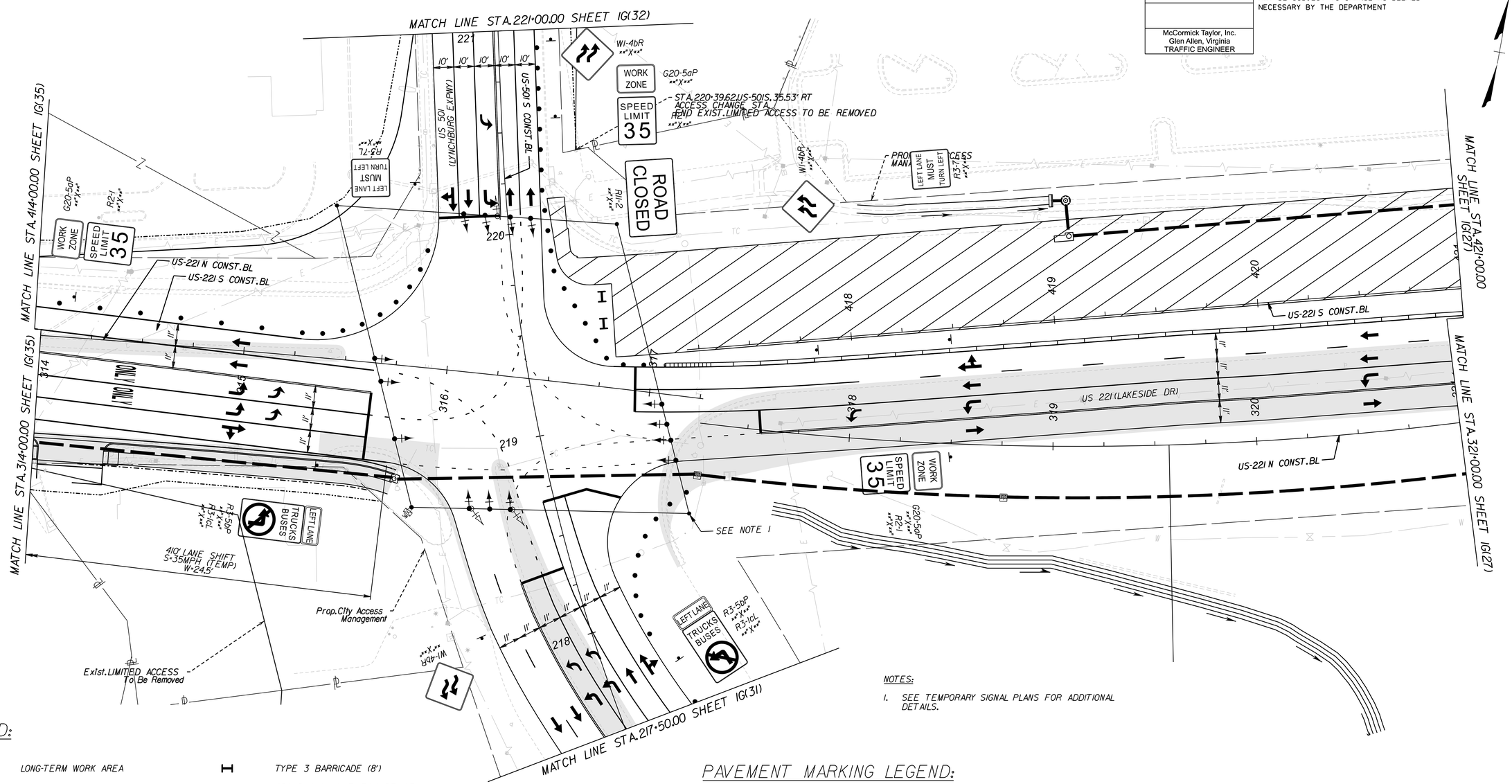
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 2



NOTES:

1. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
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- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
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- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(36)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 2

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(37)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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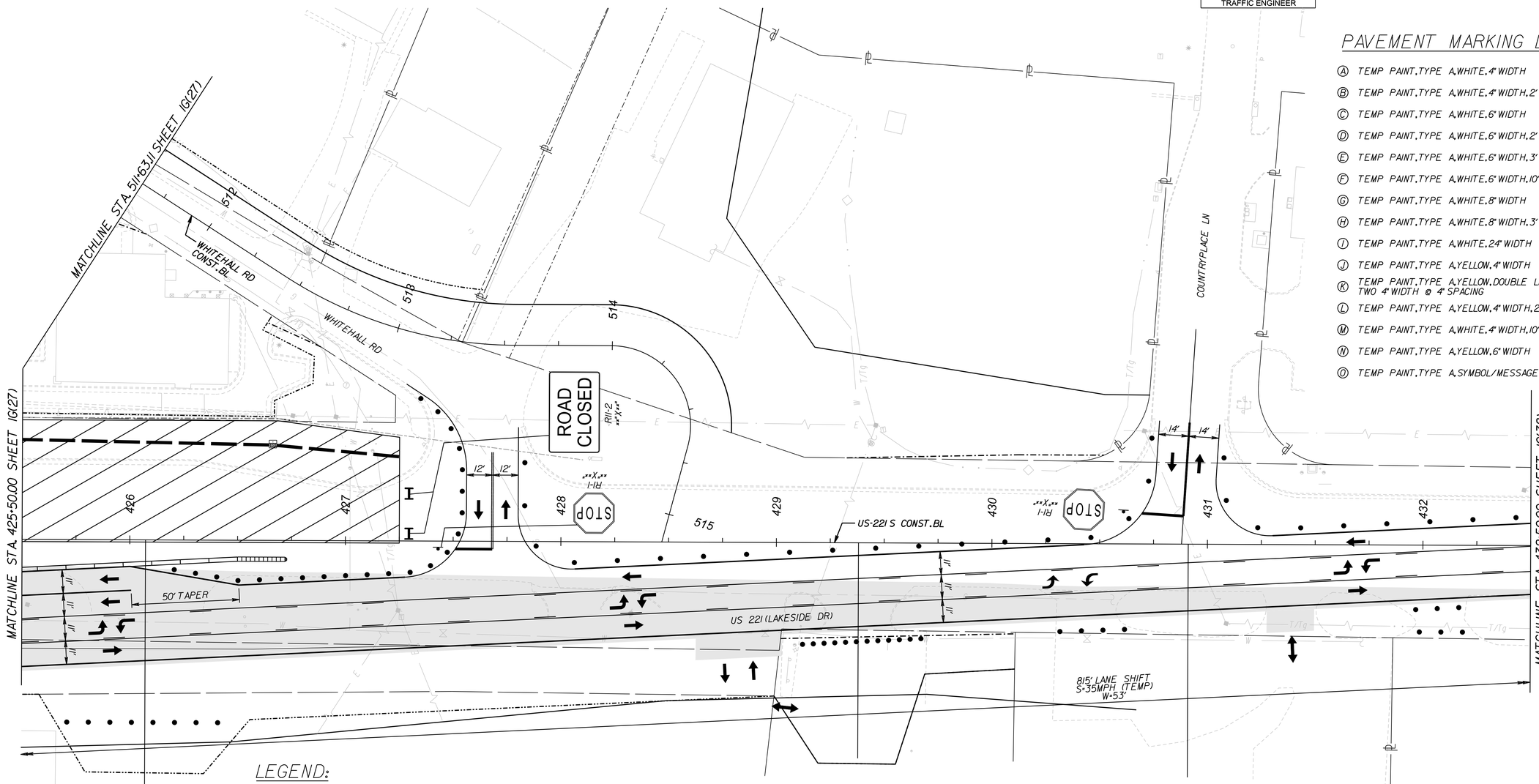
PH PLANS



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
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- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(37)

PROJECT MANAGER Dee Dee Conner, P.E.(434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc.(804) 340-5229
DESIGN BY McCormick Taylor, Inc.(540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 2

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(38)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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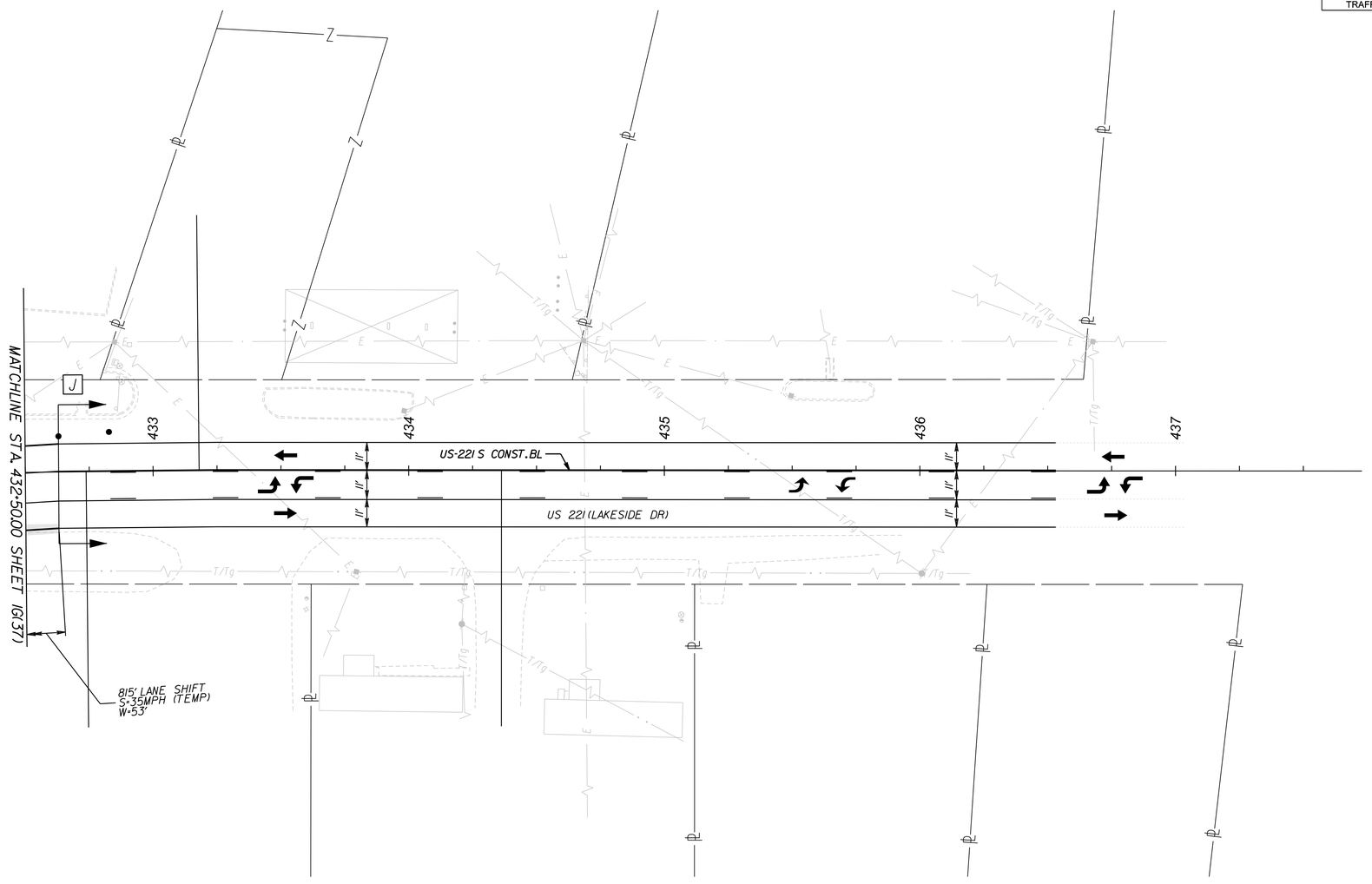
PH PLANS



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
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- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
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- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
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- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
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- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(38)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 2

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(39)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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PH PLANS

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
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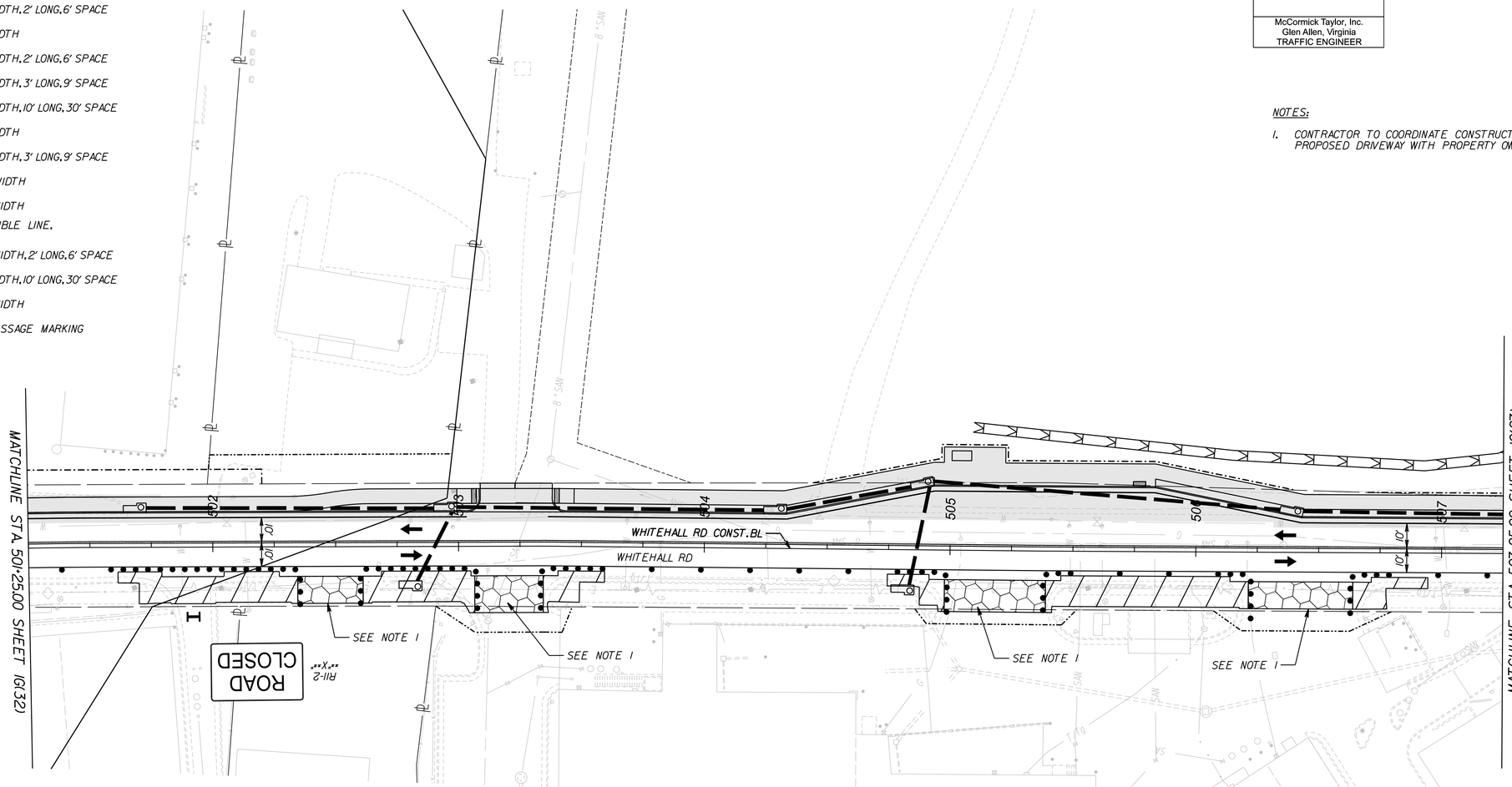


NOTES:

1. CONTRACTOR TO COORDINATE CONSTRUCTION OF PROPOSED DRIVEWAY WITH PROPERTY OWNER.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(39)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

ADDITIONAL EASEMENT 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

MAINTENANCE OF TRAFFIC PLAN
PHASE 3

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(40)

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

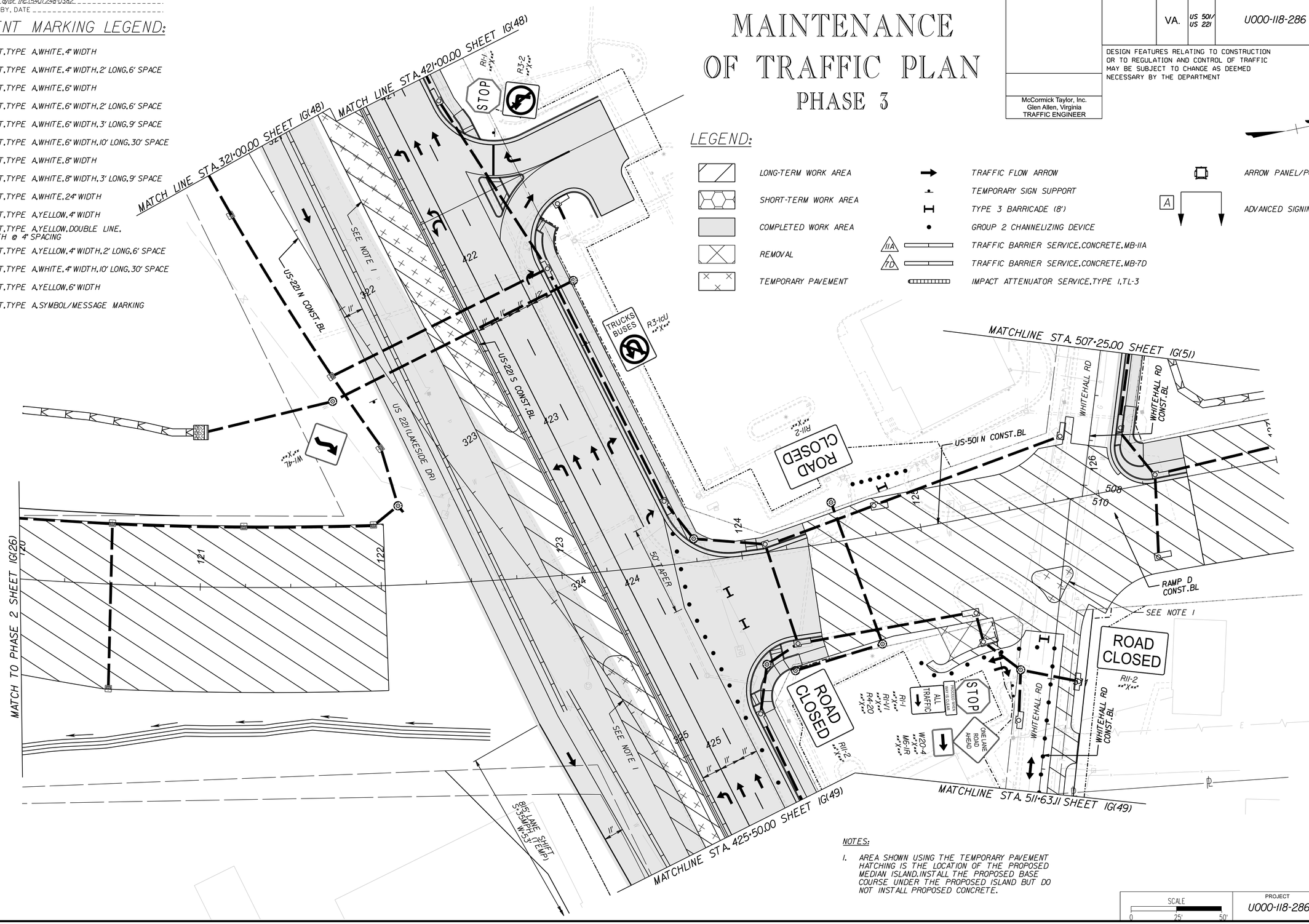
McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL



NOTES:

1. AREA SHOWN USING THE TEMPORARY PAVEMENT HATCHING IS THE LOCATION OF THE PROPOSED MEDIAN ISLAND. INSTALL THE PROPOSED BASE COURSE UNDER THE PROPOSED ISLAND BUT DO NOT INSTALL PROPOSED CONCRETE.

SCALE	PROJECT	SHEET NO.
0 — 25' — 50'	U000-118-286	1G(40)

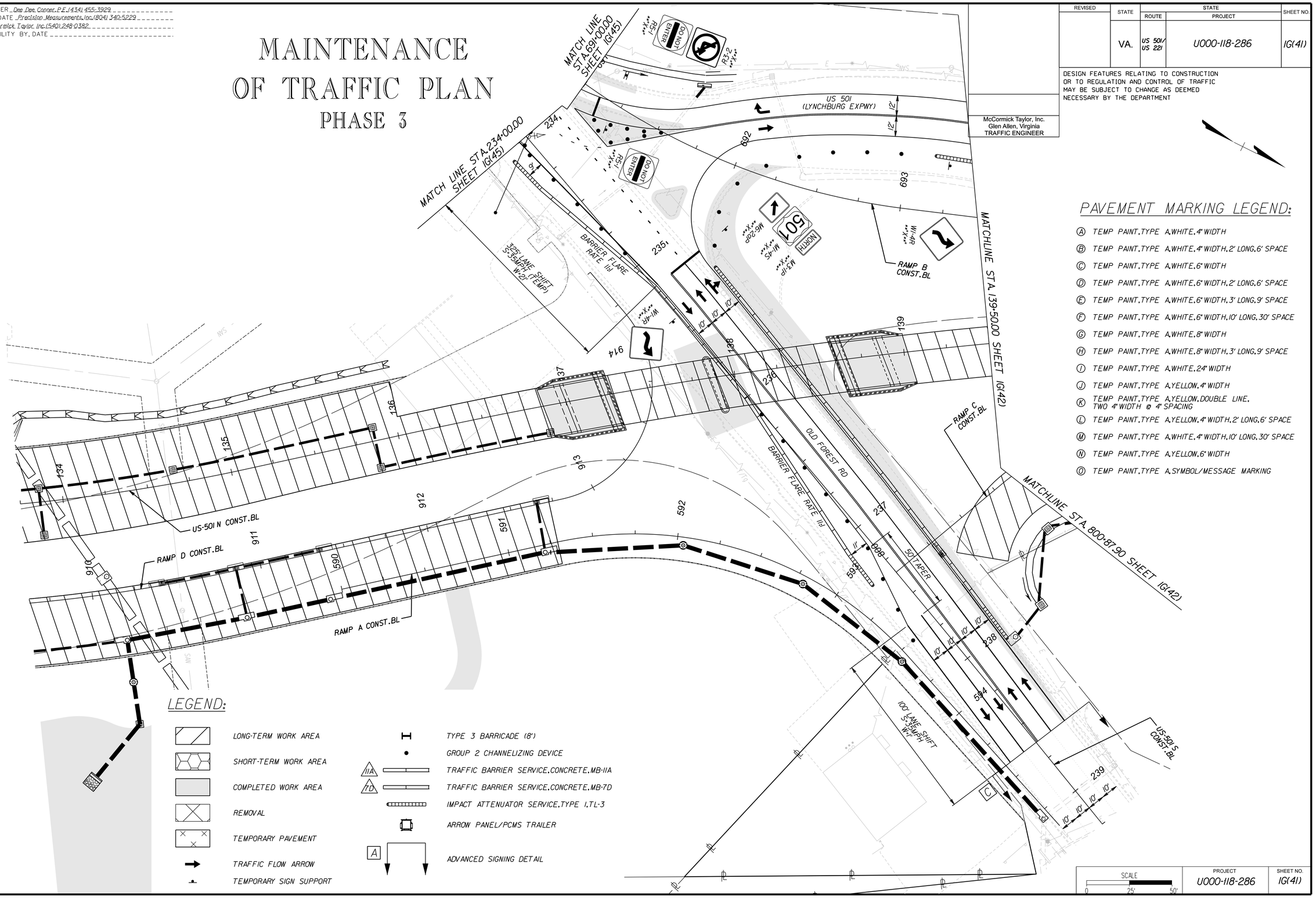
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(41)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 3



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	IG(41)

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E.(434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc.(804) 340-5229
DESIGN BY McCormick Taylor, Inc.(540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(42)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 3

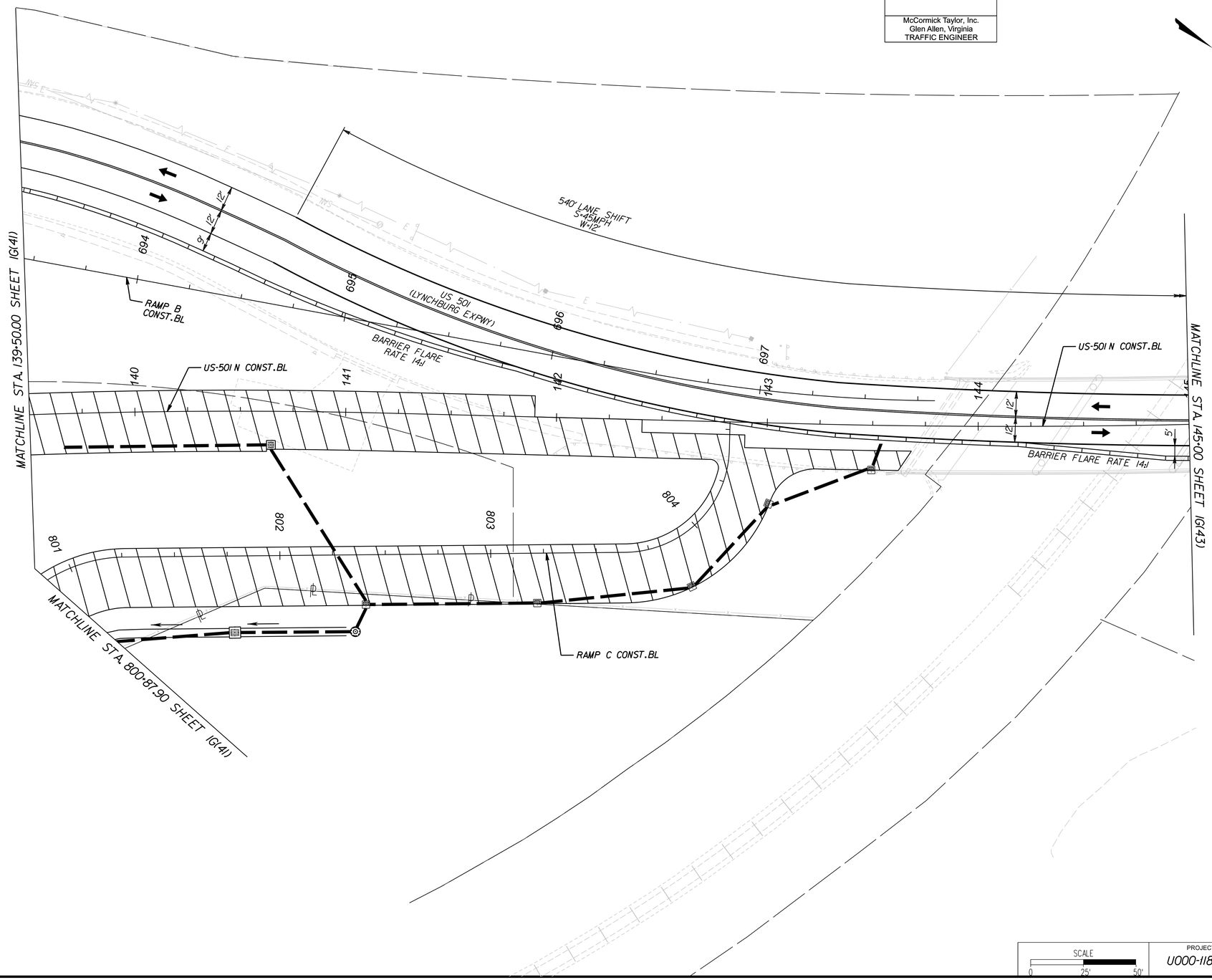
ADDITIONAL EASEMENT FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS

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

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(42)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 3

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(43)

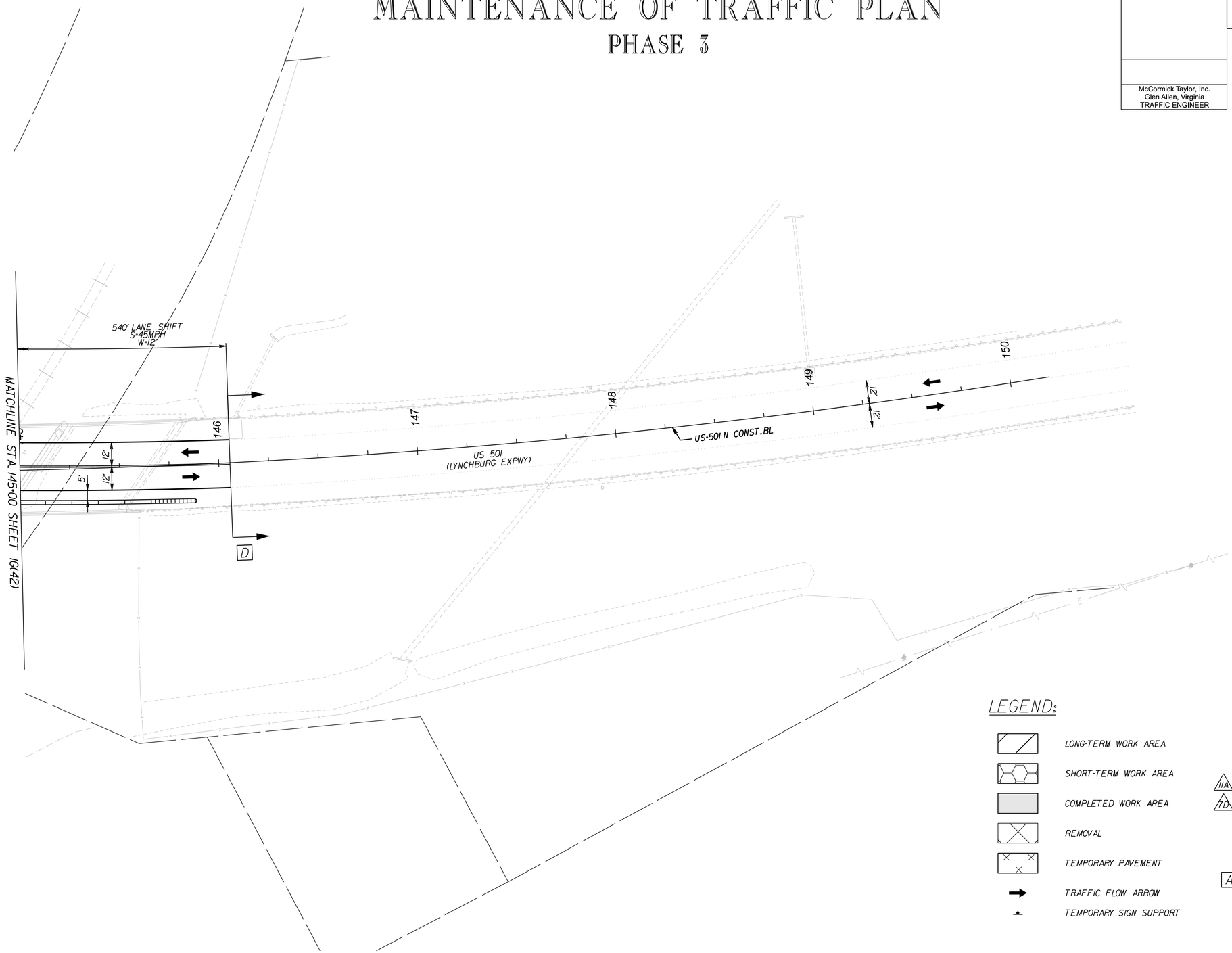
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(43)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 3

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(44)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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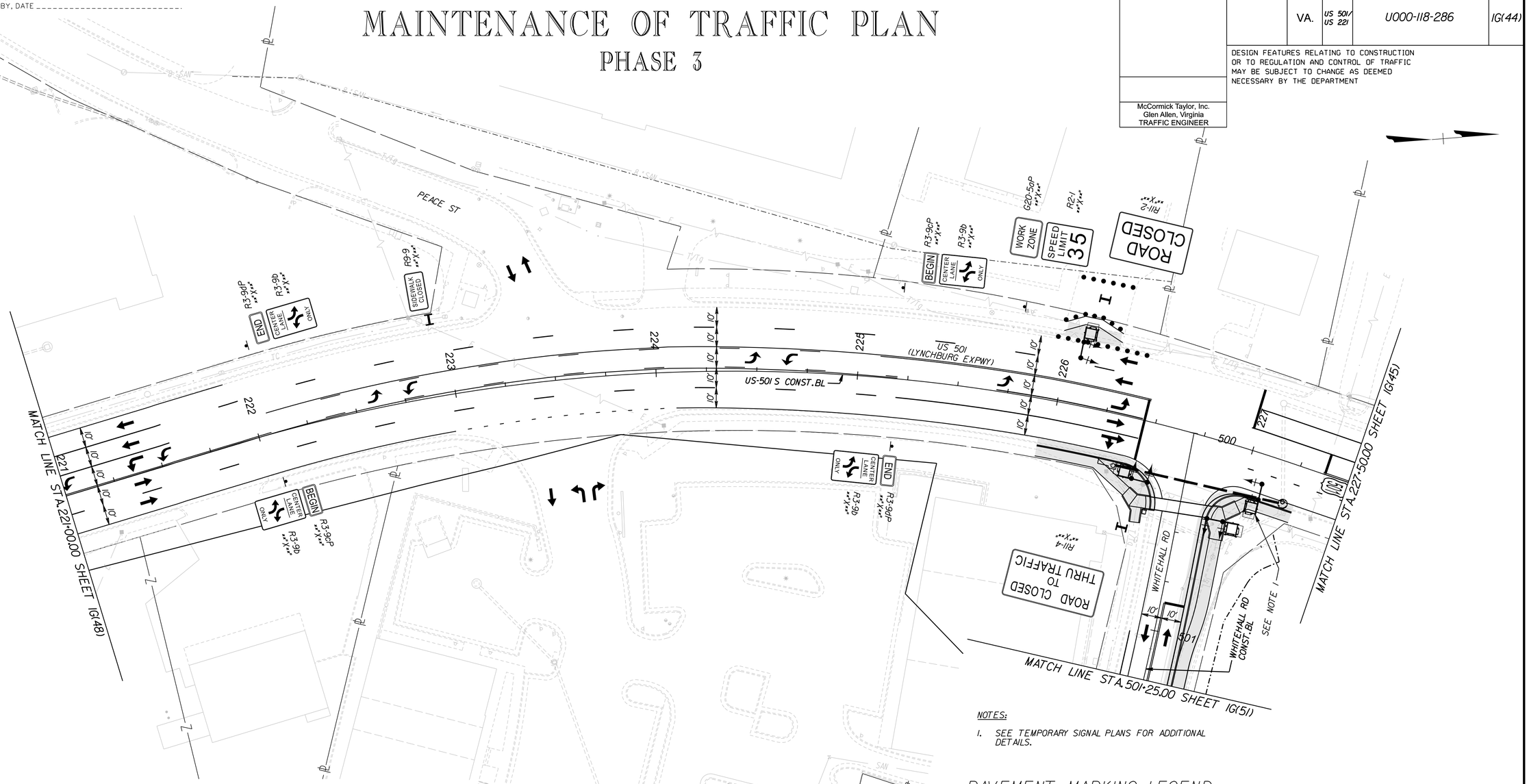
PH PLANS



NOTES:

1. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(44)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(45)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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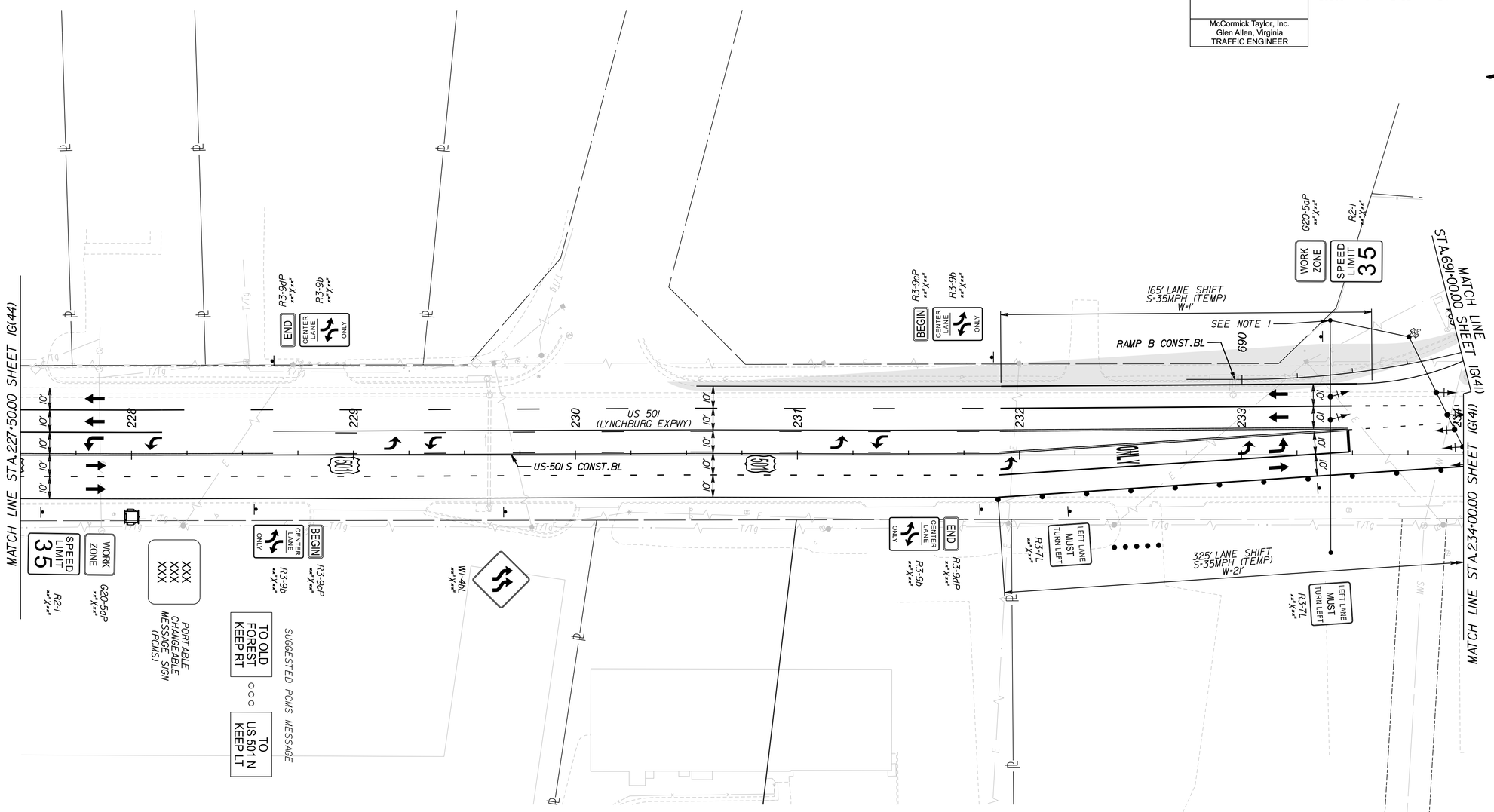
PH PLANS

MAINTENANCE OF TRAFFIC PLAN
PHASE 3



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

NOTES:

1. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(45)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 3

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(46)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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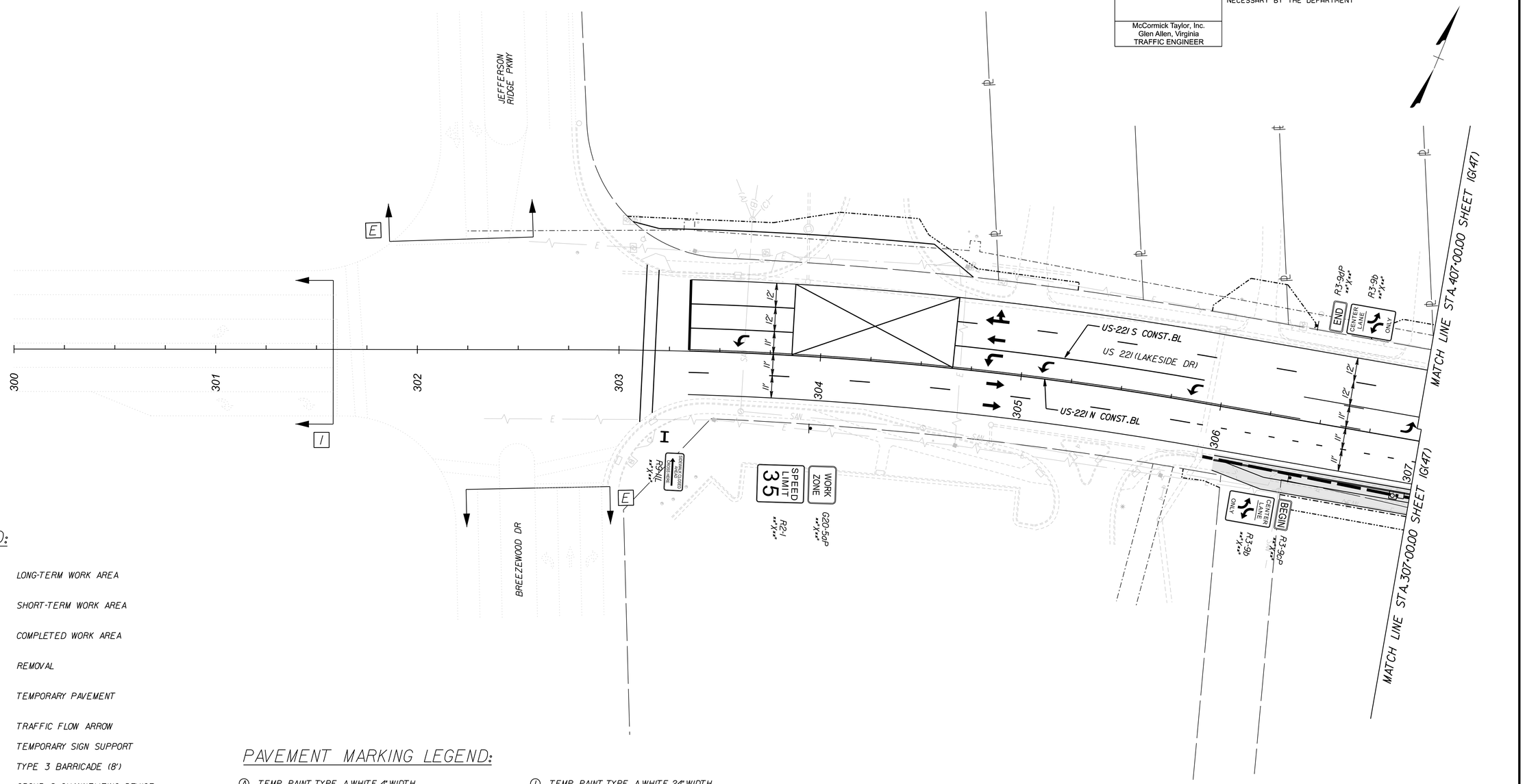
PH PLANS



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(46)

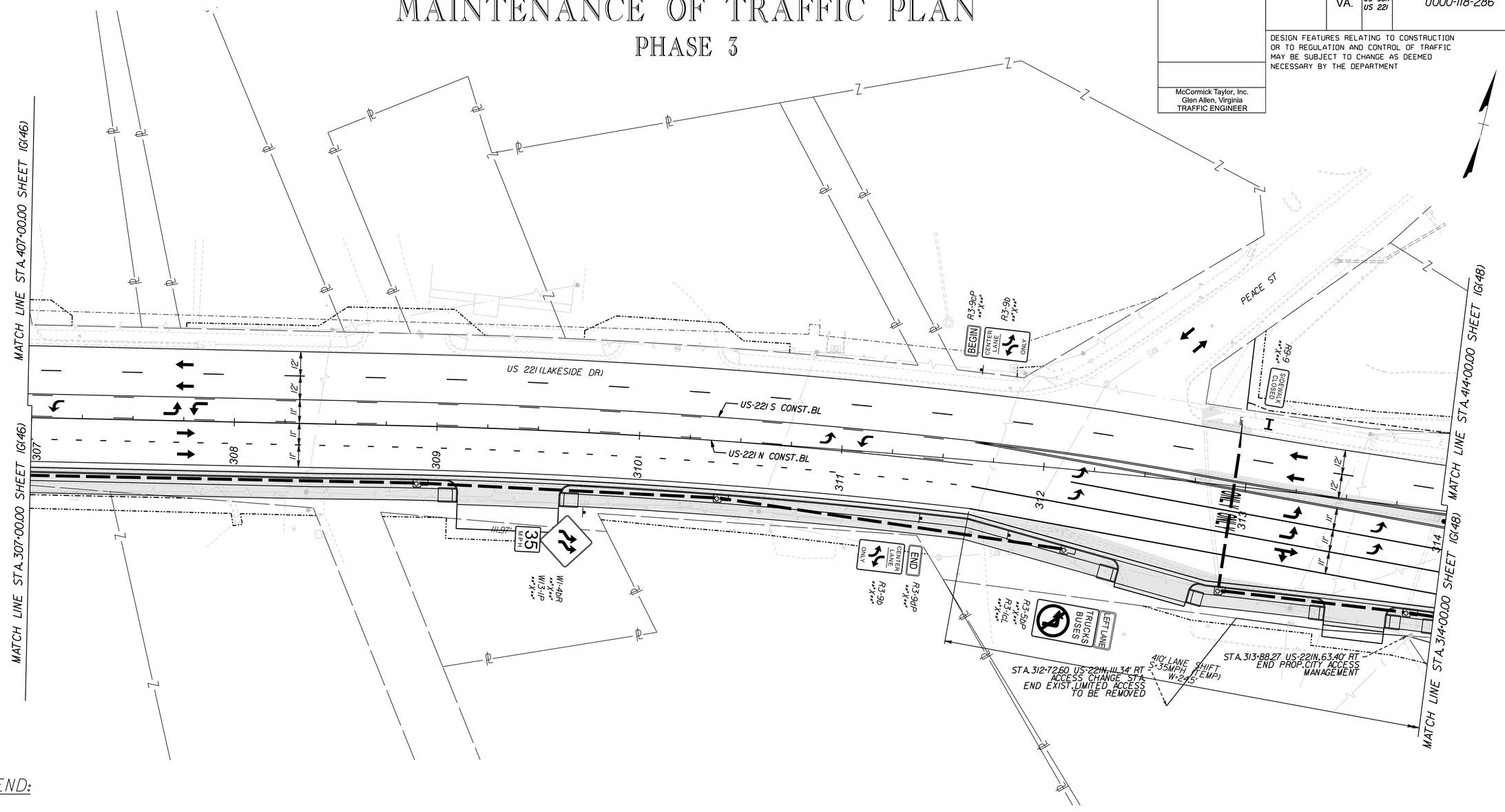
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(47)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 3



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

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PH PLANS

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(47)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

ADDITIONAL EASEMENT 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

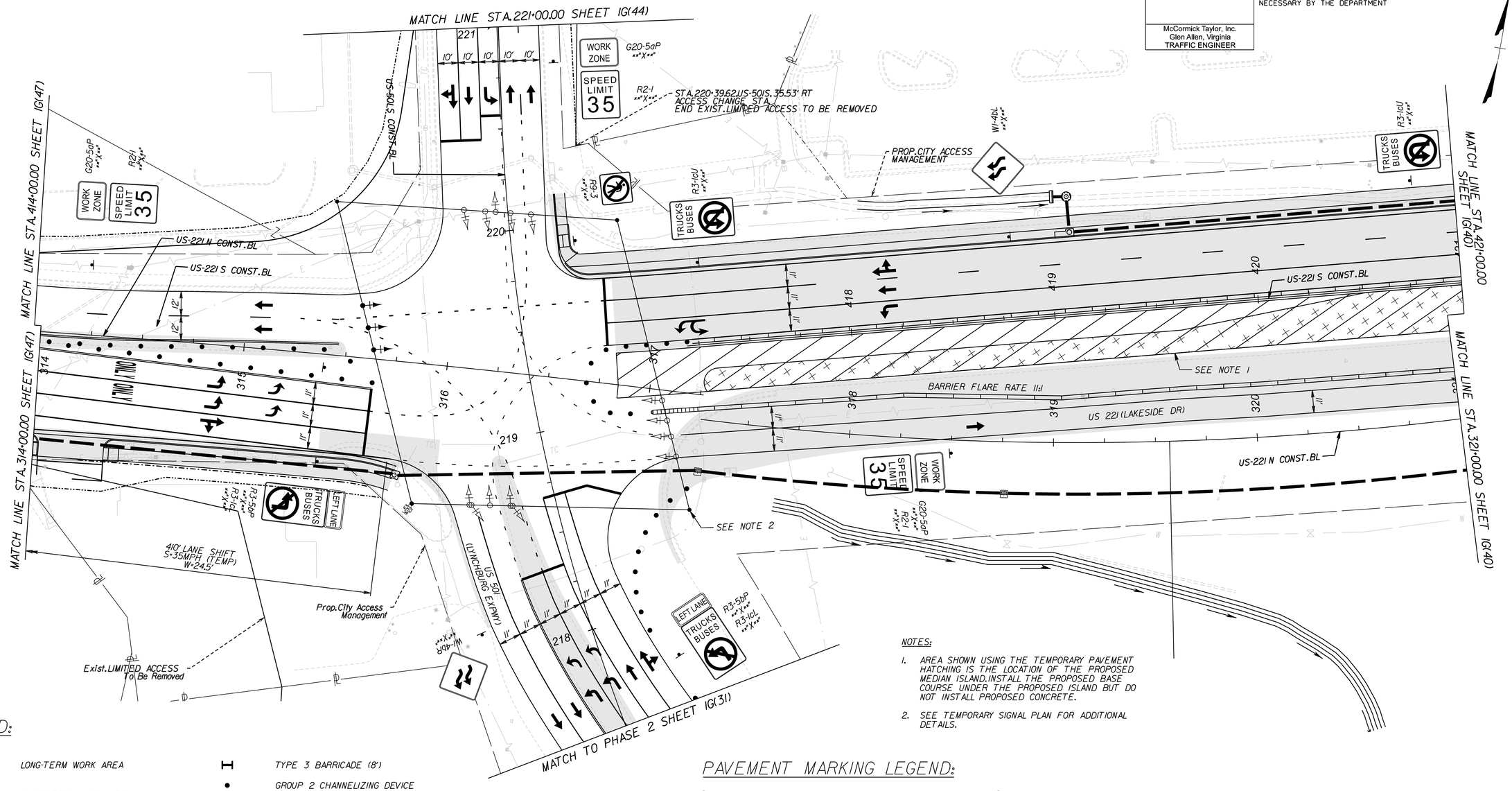
MAINTENANCE OF TRAFFIC PLAN

PHASE 3

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(48)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



NOTES:

1. AREA SHOWN USING THE TEMPORARY PAVEMENT HATCHING IS THE LOCATION OF THE PROPOSED MEDIAN ISLAND. INSTALL THE PROPOSED BASE COURSE UNDER THE PROPOSED ISLAND BUT DO NOT INSTALL PROPOSED CONCRETE.
2. SEE TEMPORARY SIGNAL PLAN FOR ADDITIONAL DETAILS.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(48)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 3

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(49)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

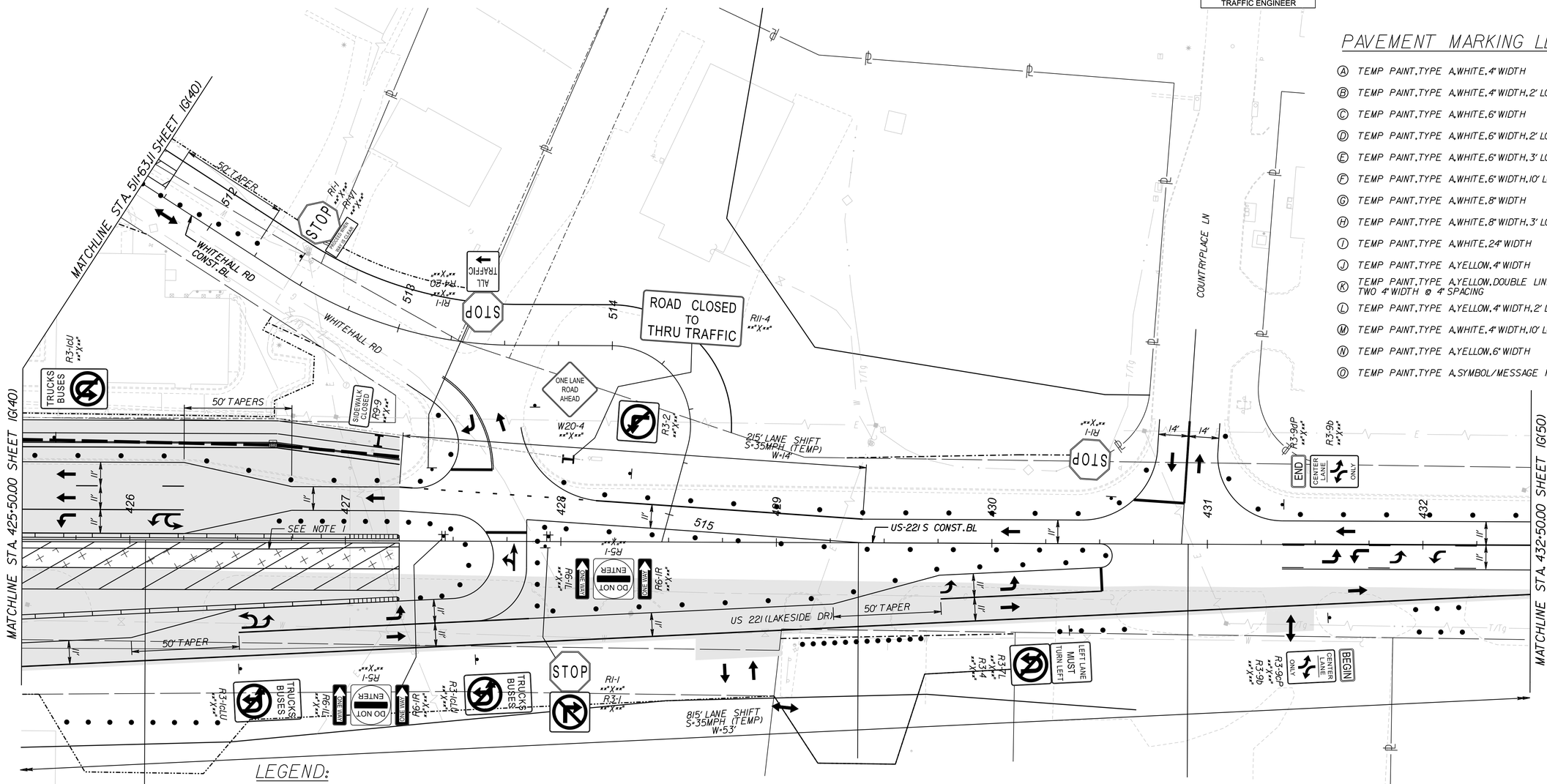
ADDITIONAL EASEMENT FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS

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

NOTES:

1. AREA SHOWN USING THE TEMPORARY PAVEMENT HATCHING IS THE LOCATION OF THE PROPOSED MEDIAN ISLAND. INSTALL THE PROPOSED BASE COURSE UNDER THE PROPOSED ISLAND BUT DO NOT INSTALL PROPOSED CONCRETE.



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(49)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

ADDITIONAL EASEMENT 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

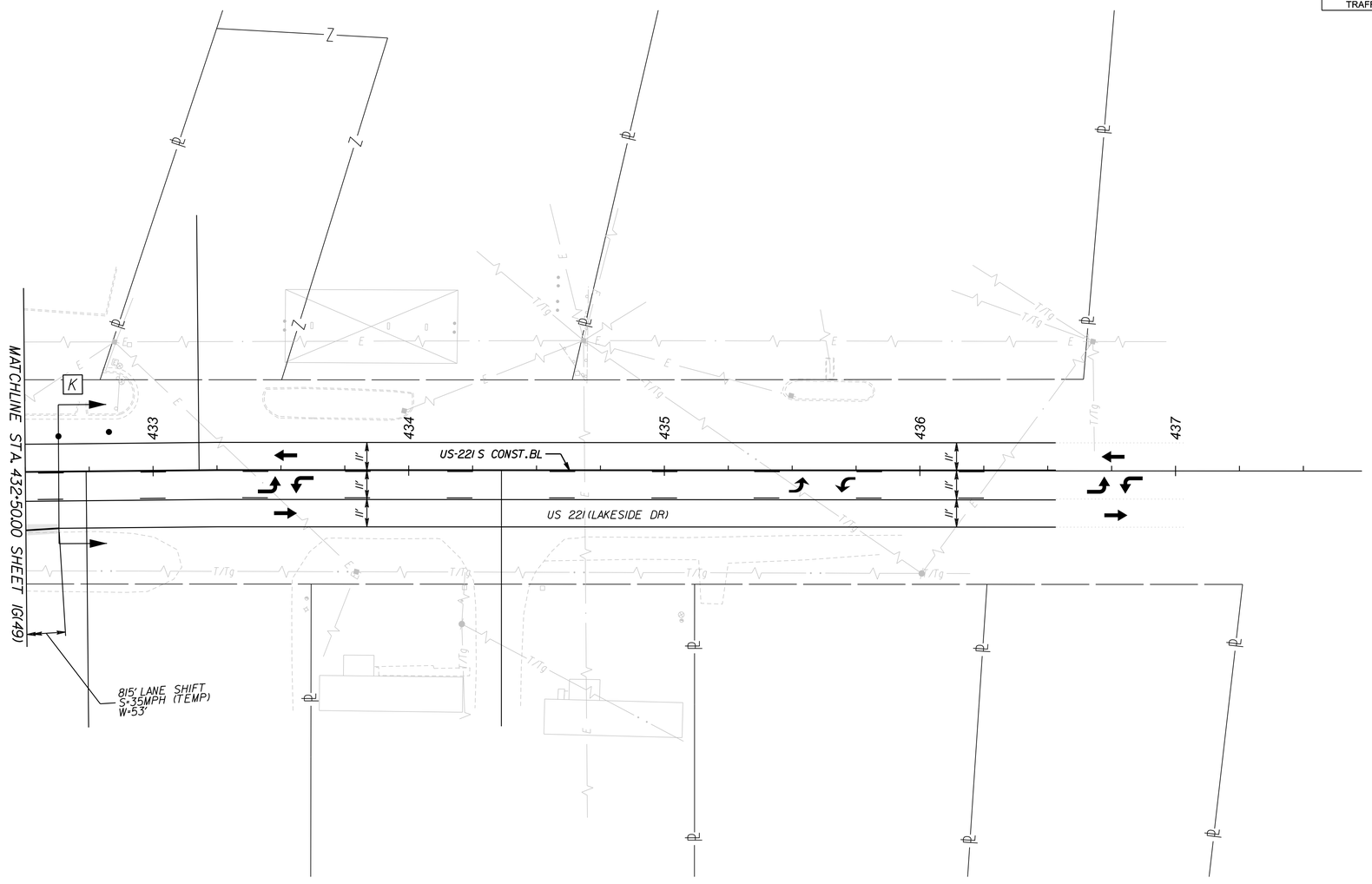
MAINTENANCE OF TRAFFIC PLAN

PHASE 3

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(50)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(50)

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Plotted By: DAG

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 3

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(51)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

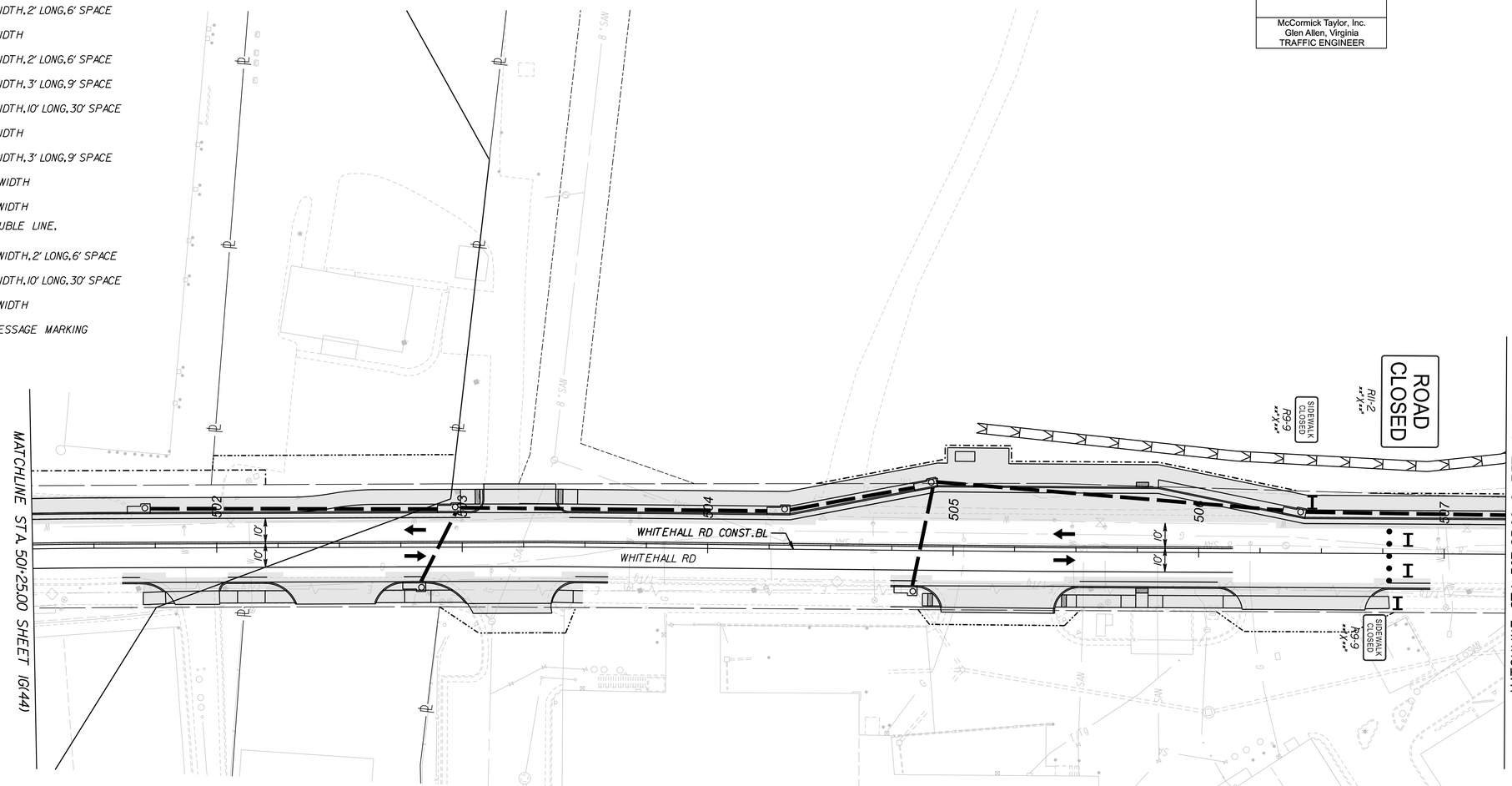
ADDITIONAL EASEMENT FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS

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

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(51)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(52)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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

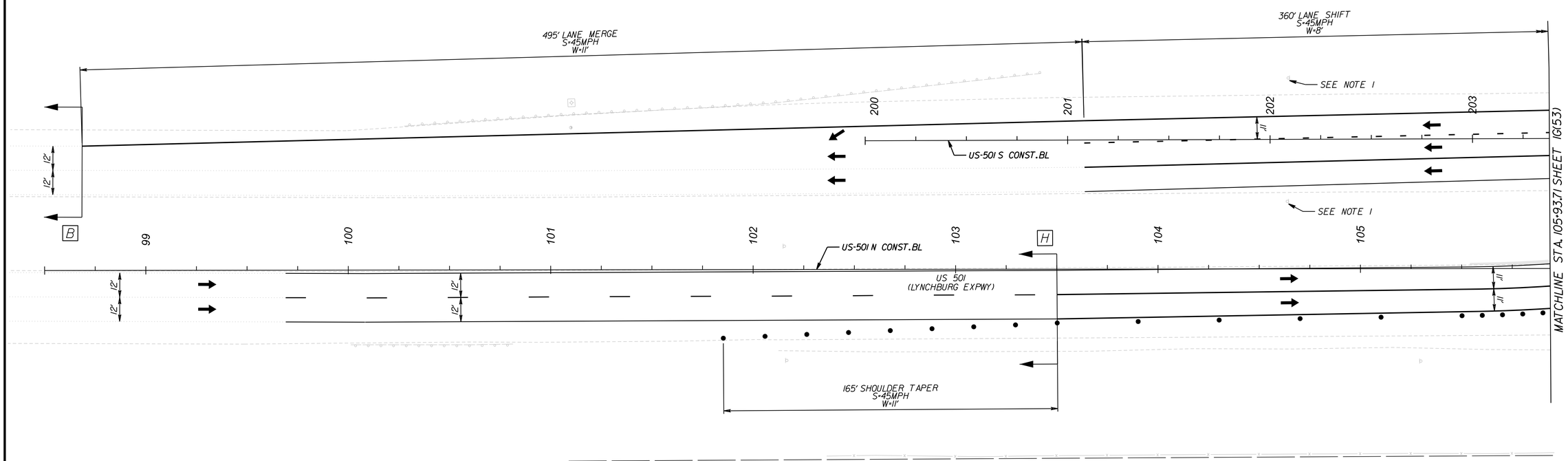
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 4

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

NOTES:

1. EXISTING 55MPH SPEED LIMIT SIGNS REMAIN COVERED.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(52)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

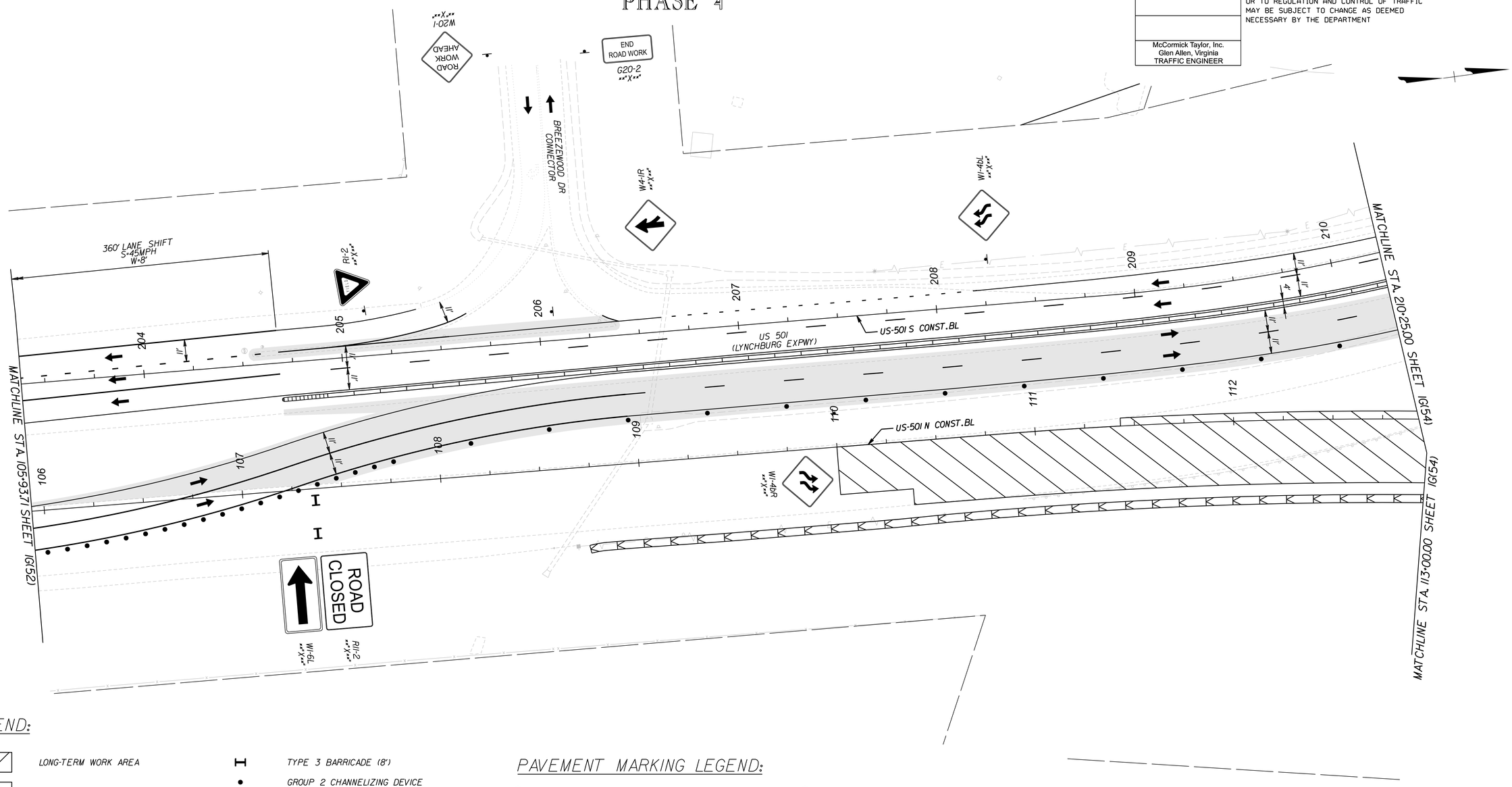
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(53)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN

PHASE 4



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- IID — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
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- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(53)

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E.(434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc.(804) 340-5229
DESIGN BY McCormick Taylor, Inc.(540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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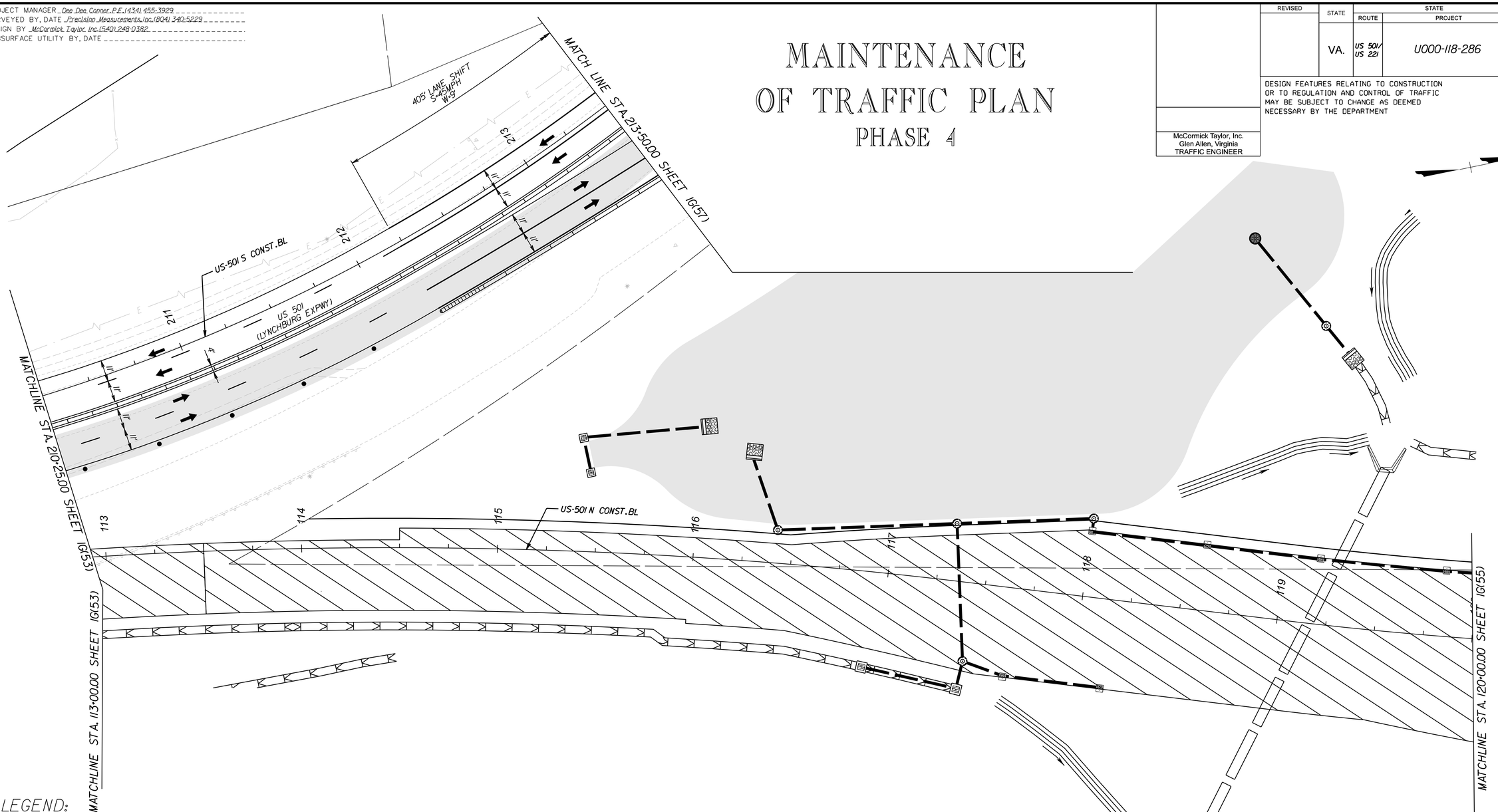
PH PLANS

MAINTENANCE OF TRAFFIC PLAN
PHASE 4

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(54)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(54)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

ADDITIONAL EASEMENT 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

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

MAINTENANCE OF TRAFFIC PLAN
PHASE 4

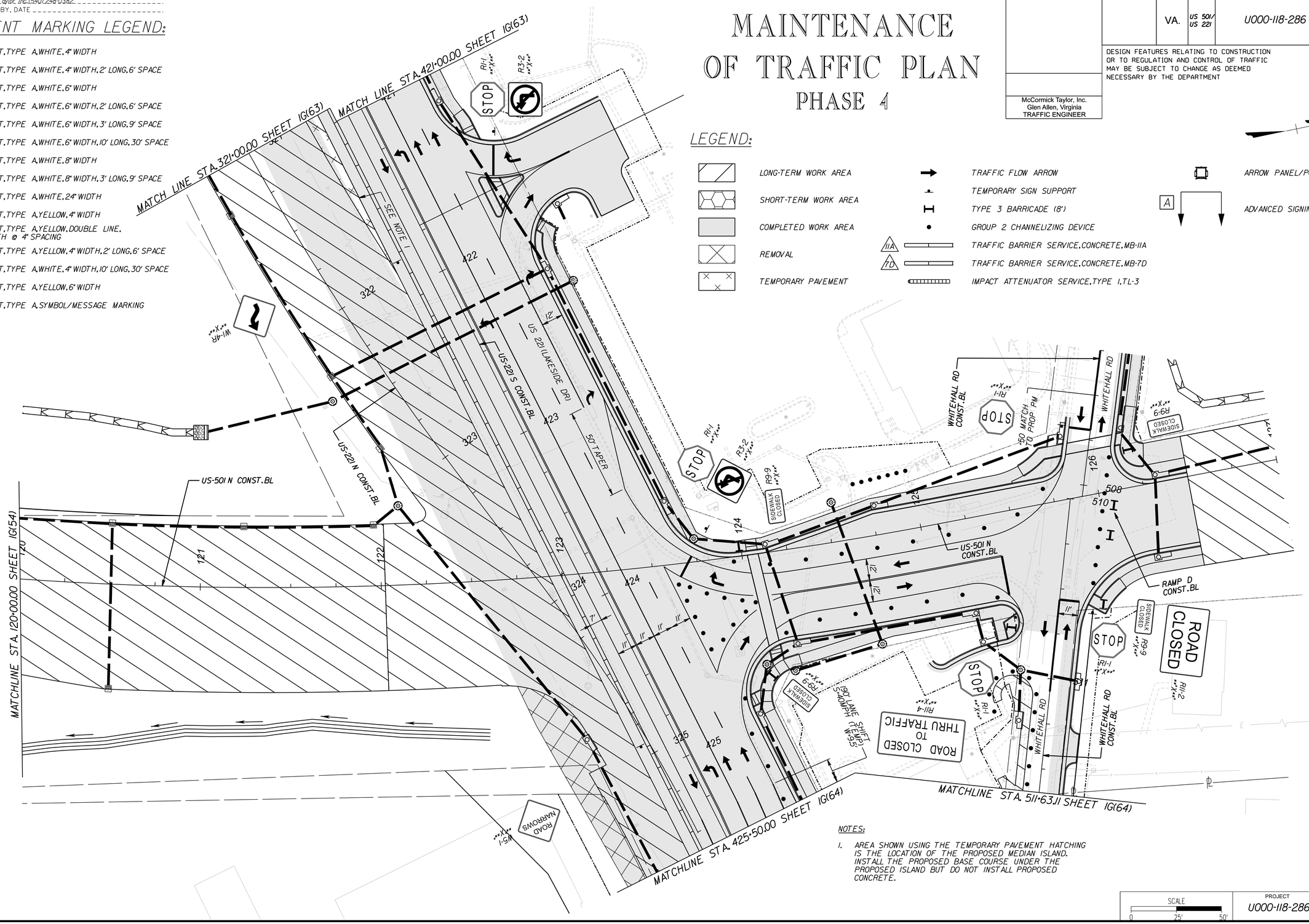
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(55)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL



NOTES:

1. AREA SHOWN USING THE TEMPORARY PAVEMENT HATCHING IS THE LOCATION OF THE PROPOSED MEDIAN ISLAND. INSTALL THE PROPOSED BASE COURSE UNDER THE PROPOSED ISLAND BUT DO NOT INSTALL PROPOSED CONCRETE.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(55)

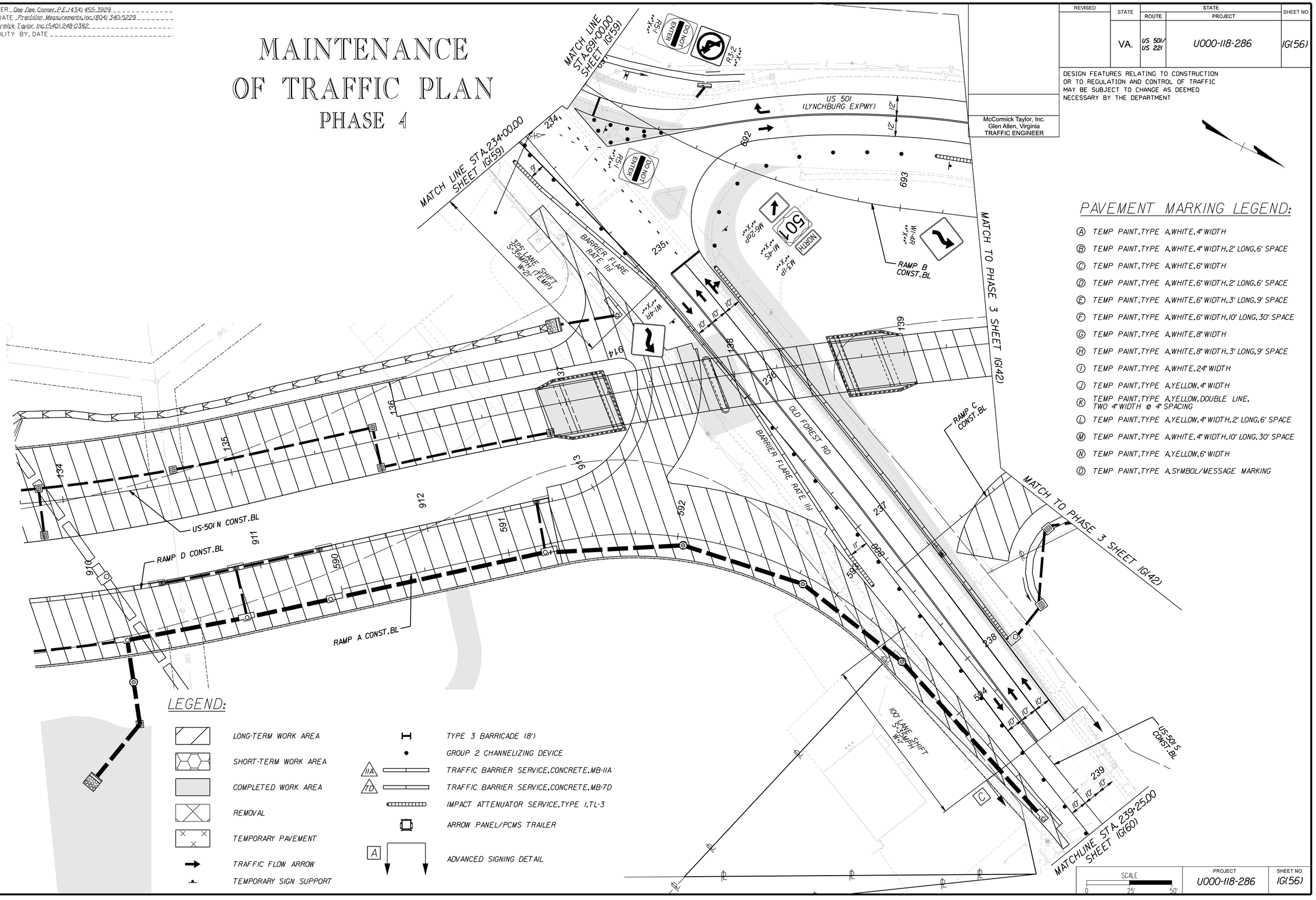
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(56)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 4



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	1G(56)

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 4

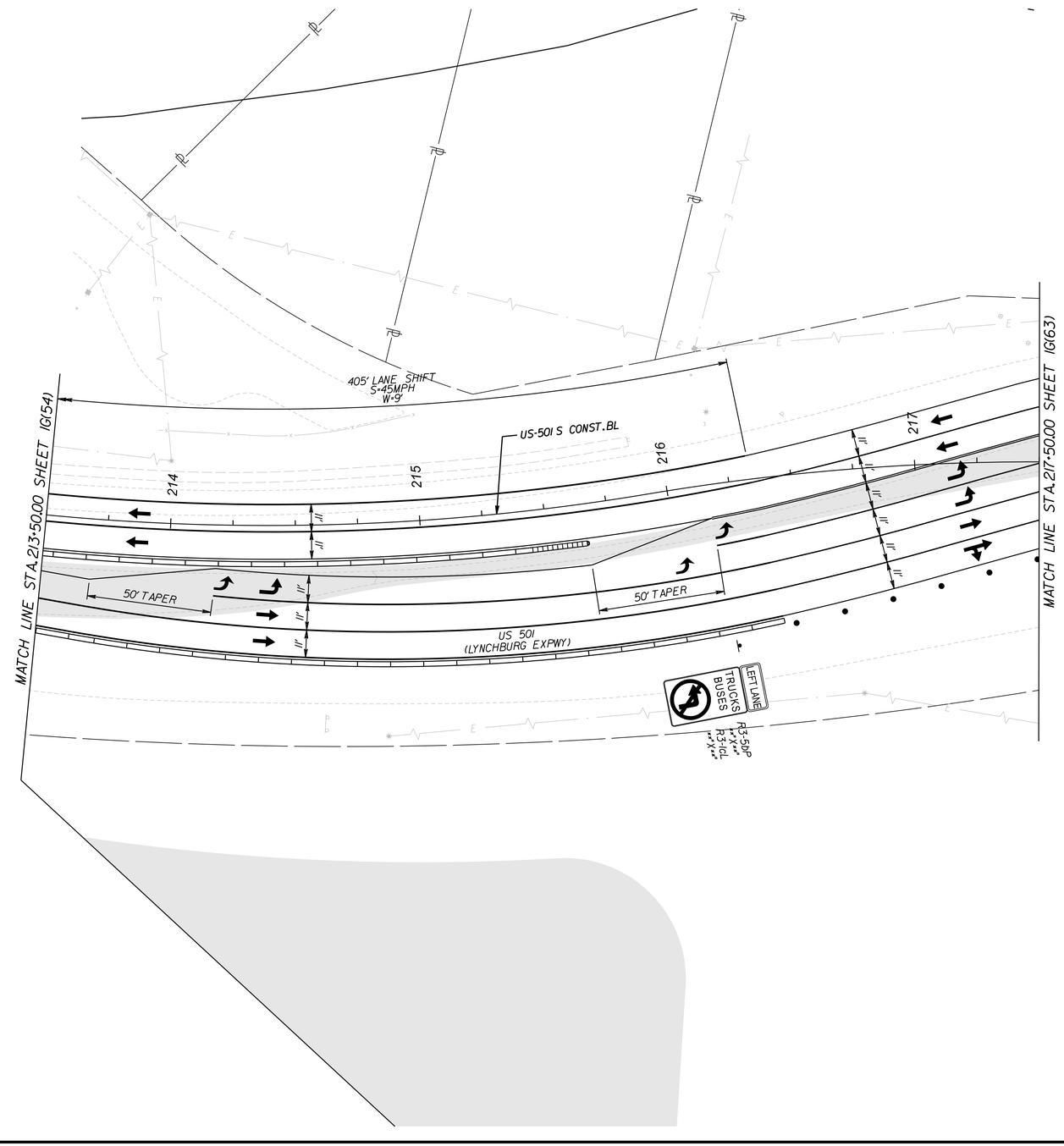
REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(57)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(57)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 4

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(58)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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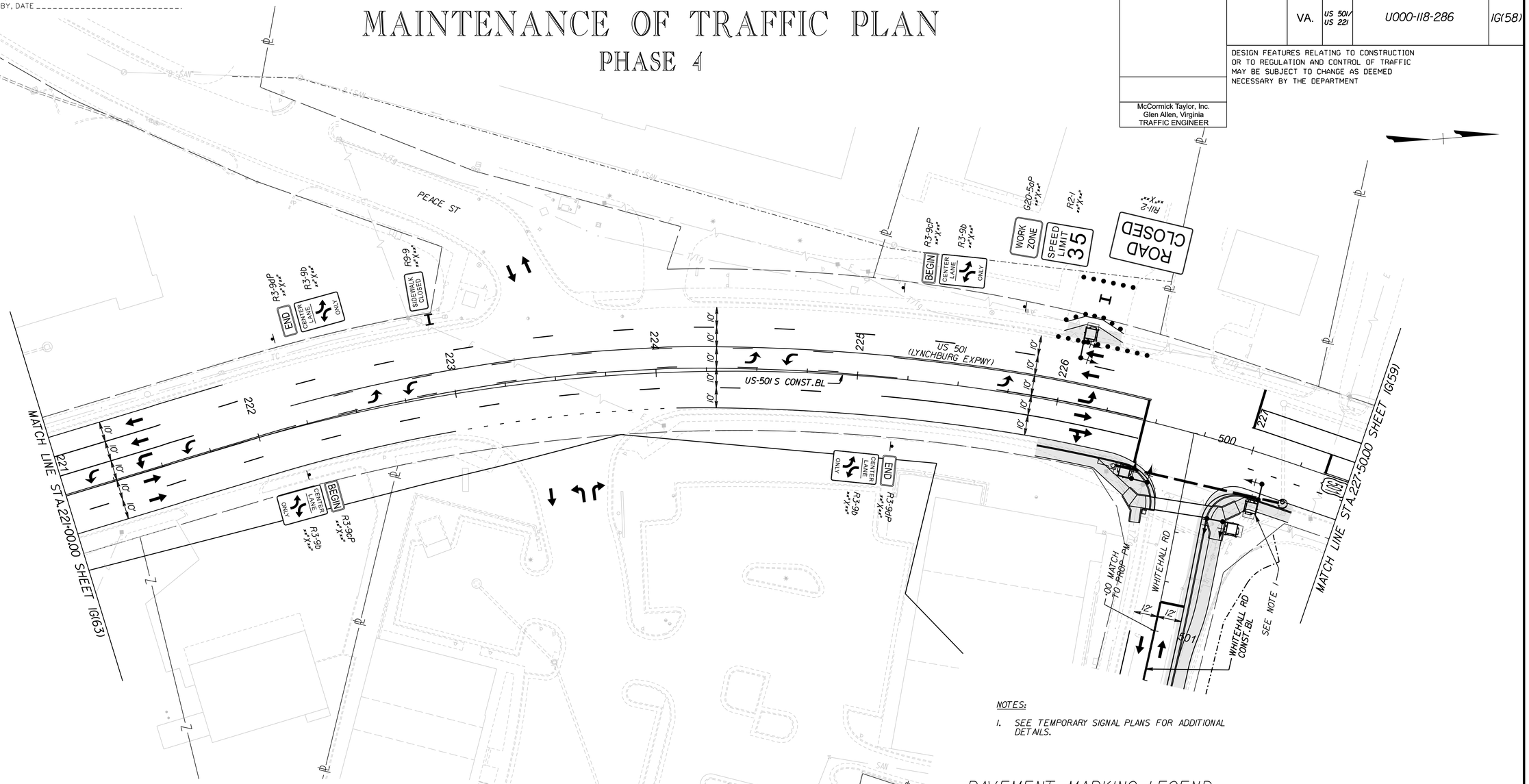
PH PLANS



NOTES:

1. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(58)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(59)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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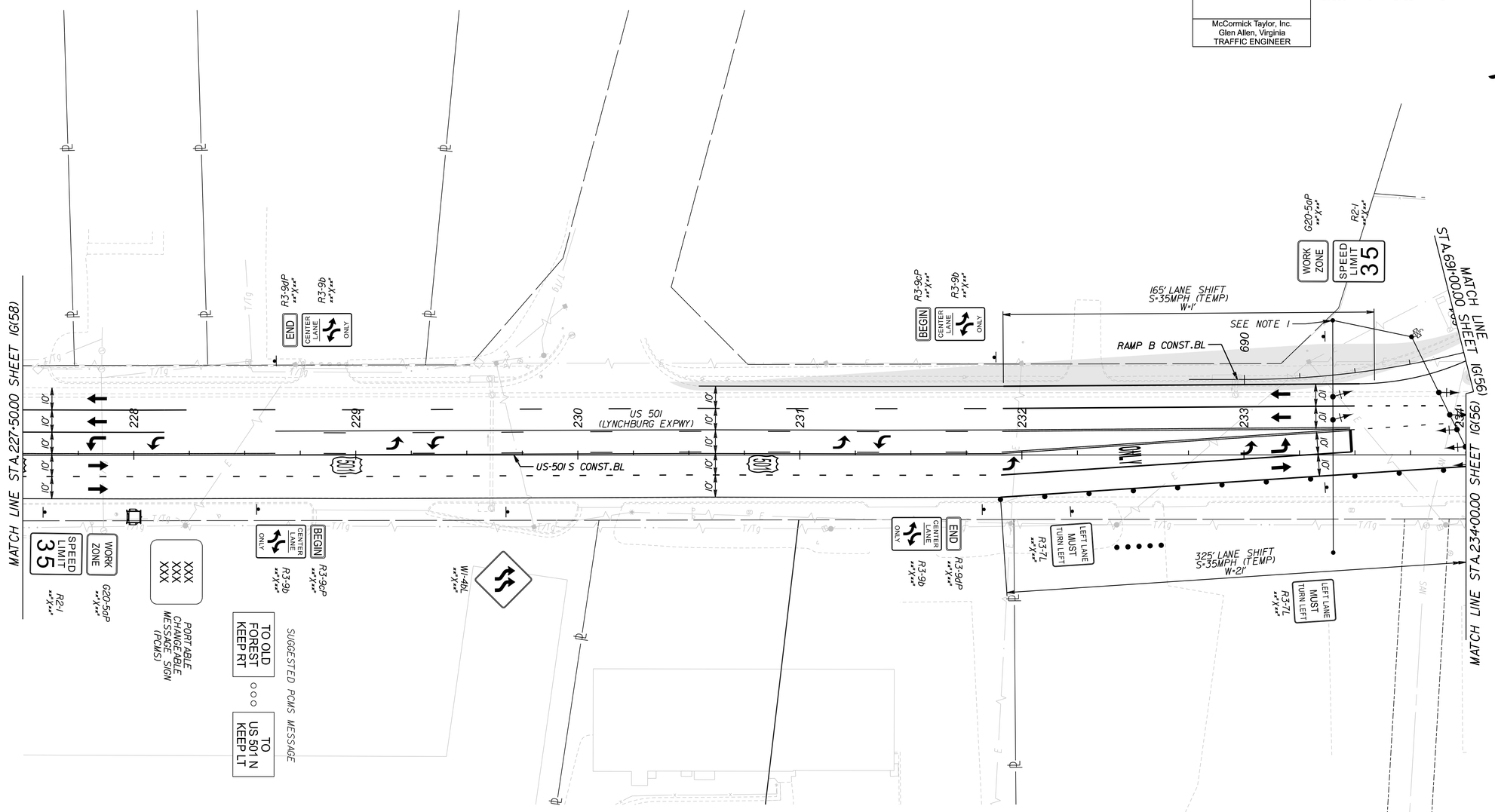
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 4



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

NOTES:

1. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(59)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 4

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(60)

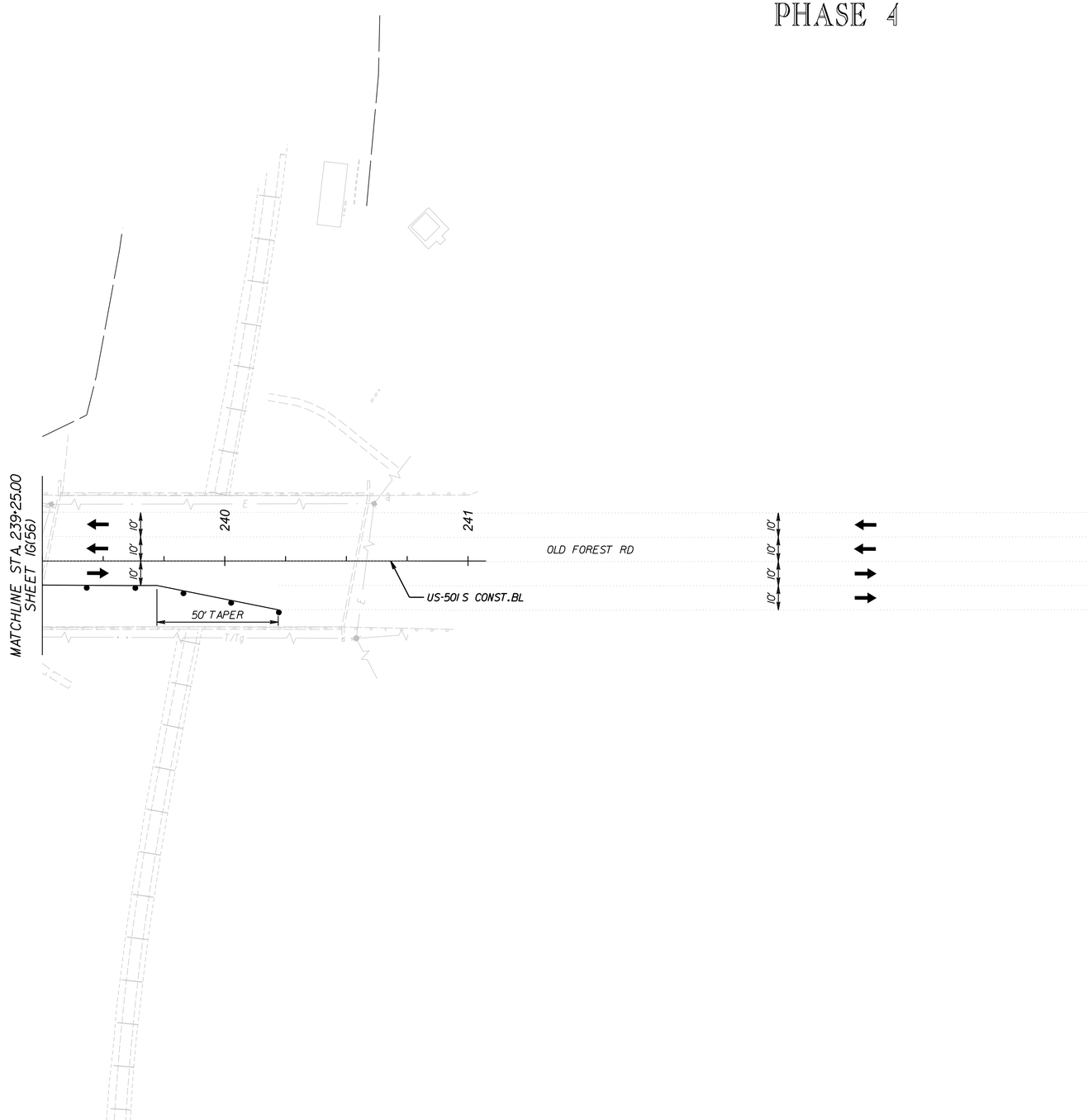
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(60)

8/19/2026
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Plotted By: DAG

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 4

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(61)

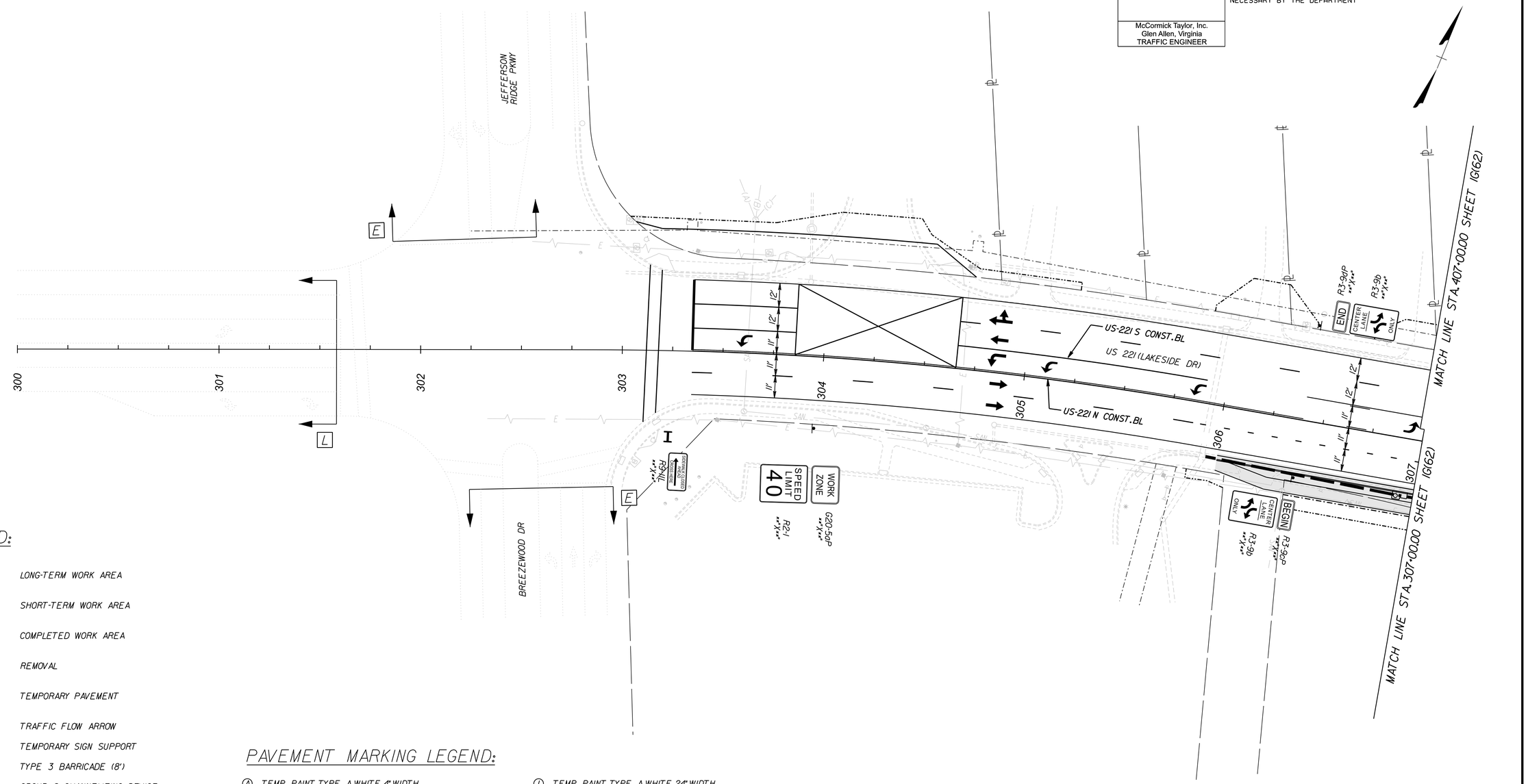
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(61)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

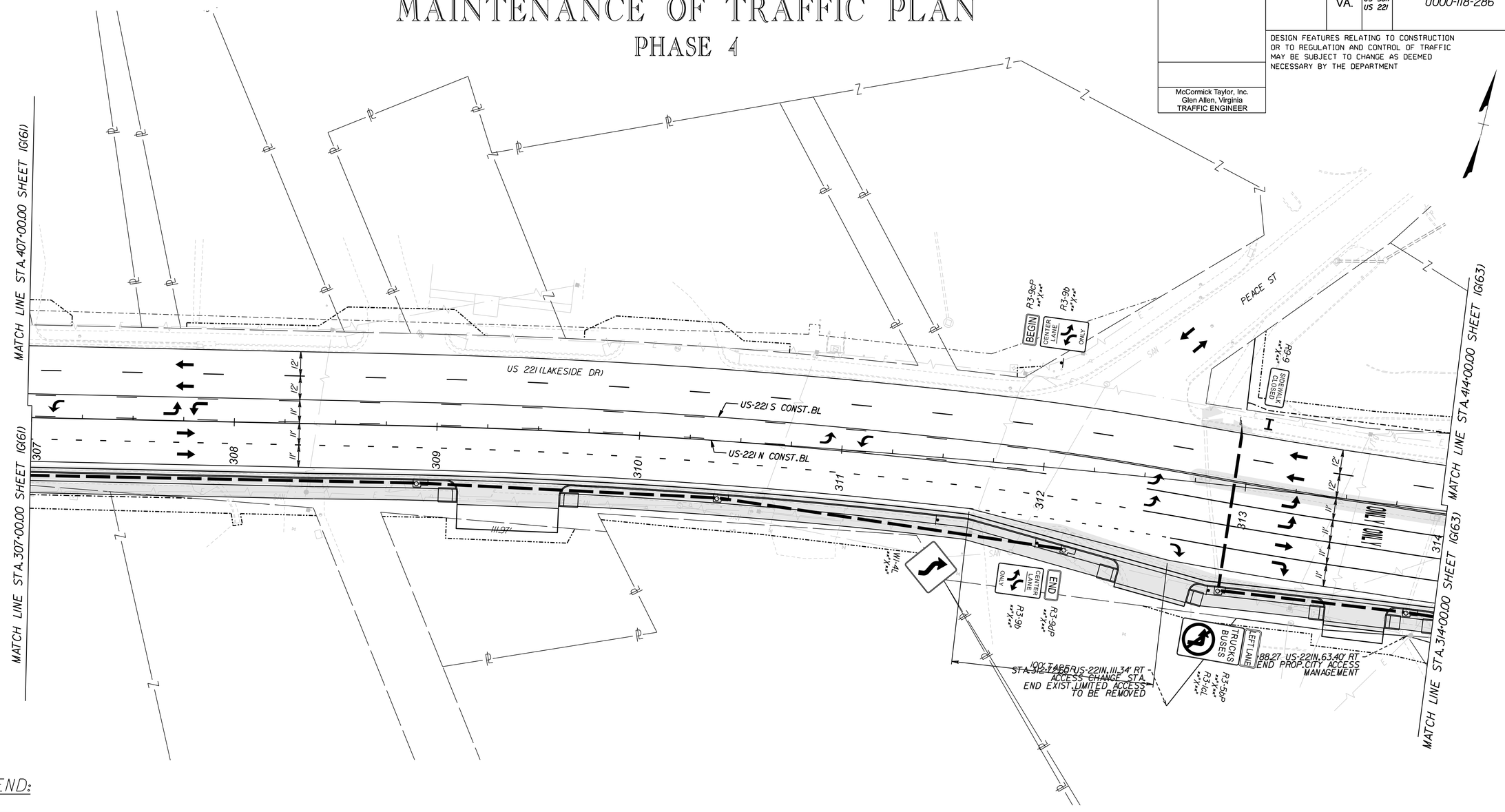
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(62)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN

PHASE 4



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

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PH PLANS

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(62)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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PH PLANS

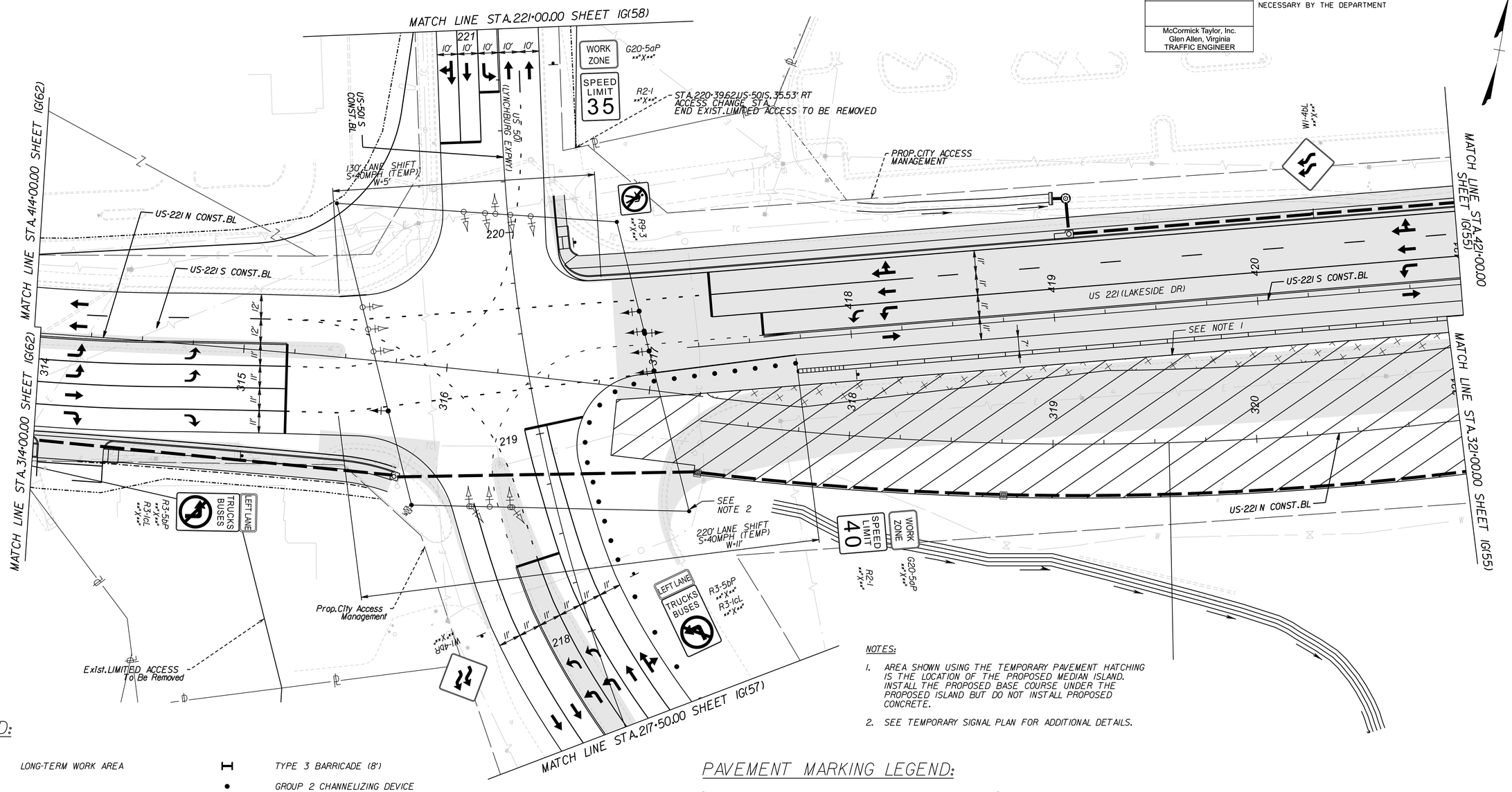
MAINTENANCE OF TRAFFIC PLAN

PHASE 4

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(63)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



NOTES:

1. AREA SHOWN USING THE TEMPORARY PAVEMENT HATCHING IS THE LOCATION OF THE PROPOSED MEDIAN ISLAND. INSTALL THE PROPOSED BASE COURSE UNDER THE PROPOSED ISLAND BUT DO NOT INSTALL PROPOSED CONCRETE.
2. SEE TEMPORARY SIGNAL PLAN FOR ADDITIONAL DETAILS.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(63)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(64)

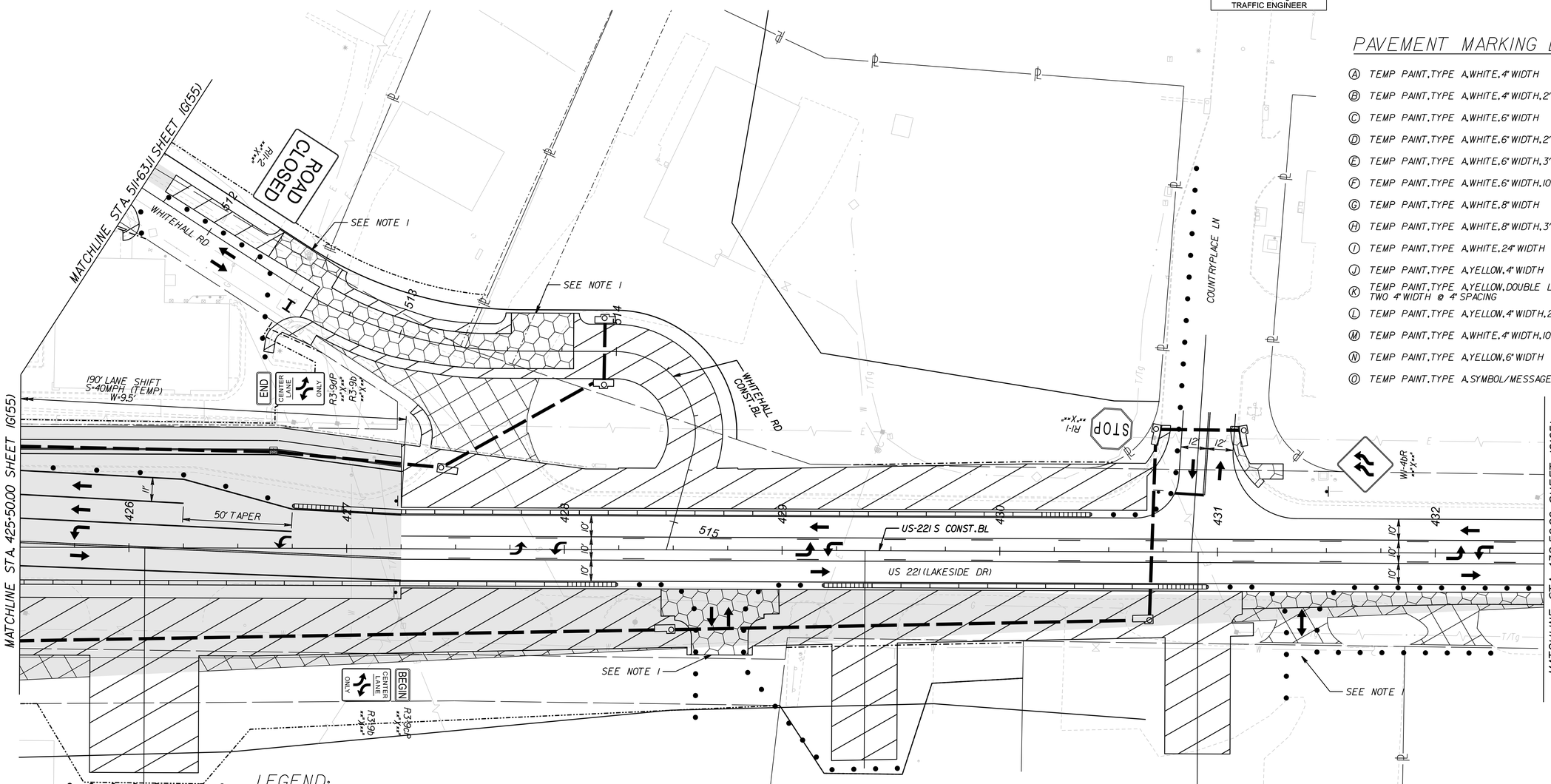
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 4

NOTES:

1. CONTRACTOR TO COORDINATE CONSTRUCTION OF PROPOSED DRIVEWAY WITH PROPERTY OWNER.



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
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- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(64)

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

ADDITIONAL EASEMENT 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

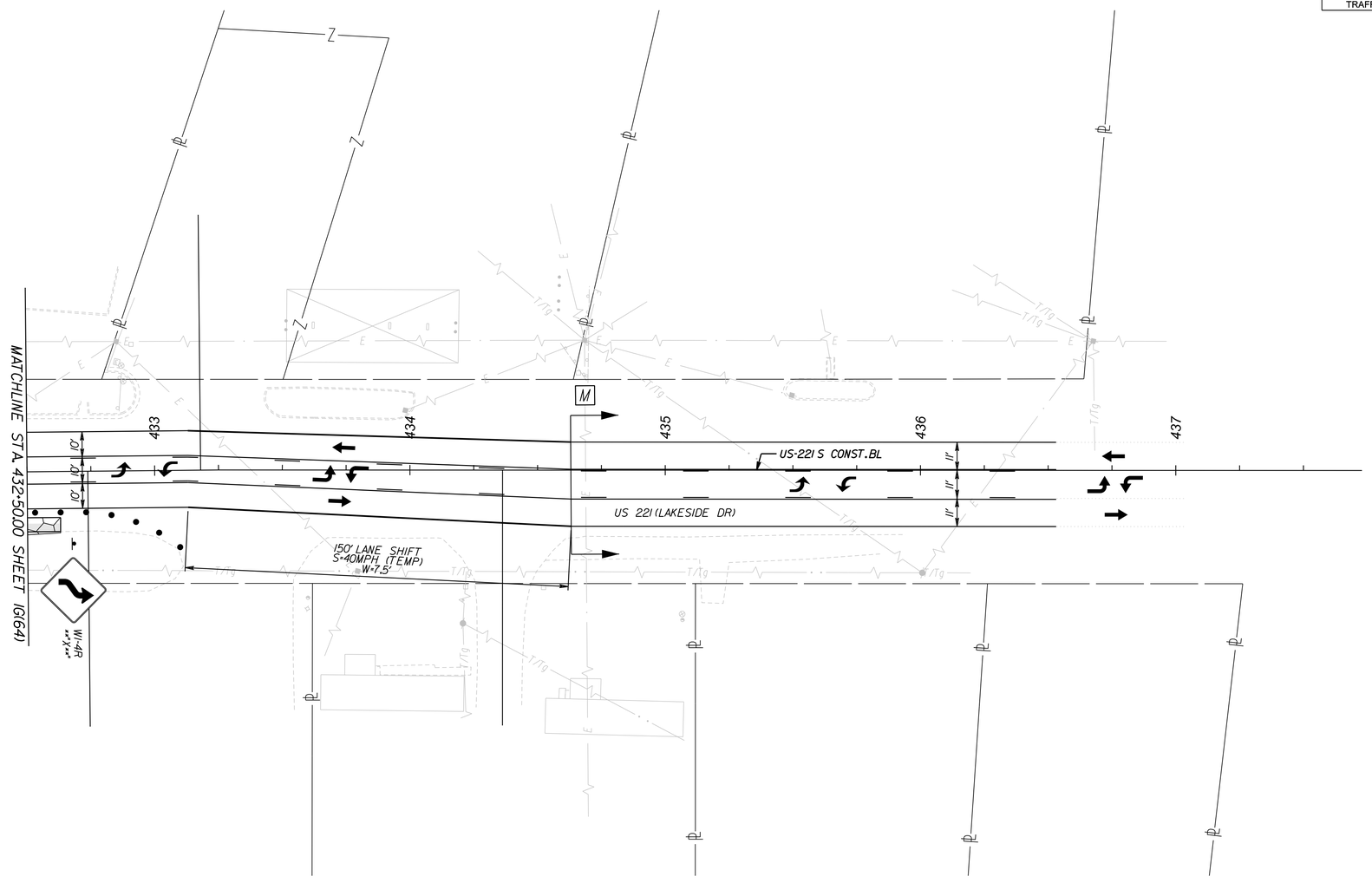
MAINTENANCE OF TRAFFIC PLAN

PHASE 4

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(65)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(65)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(66)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

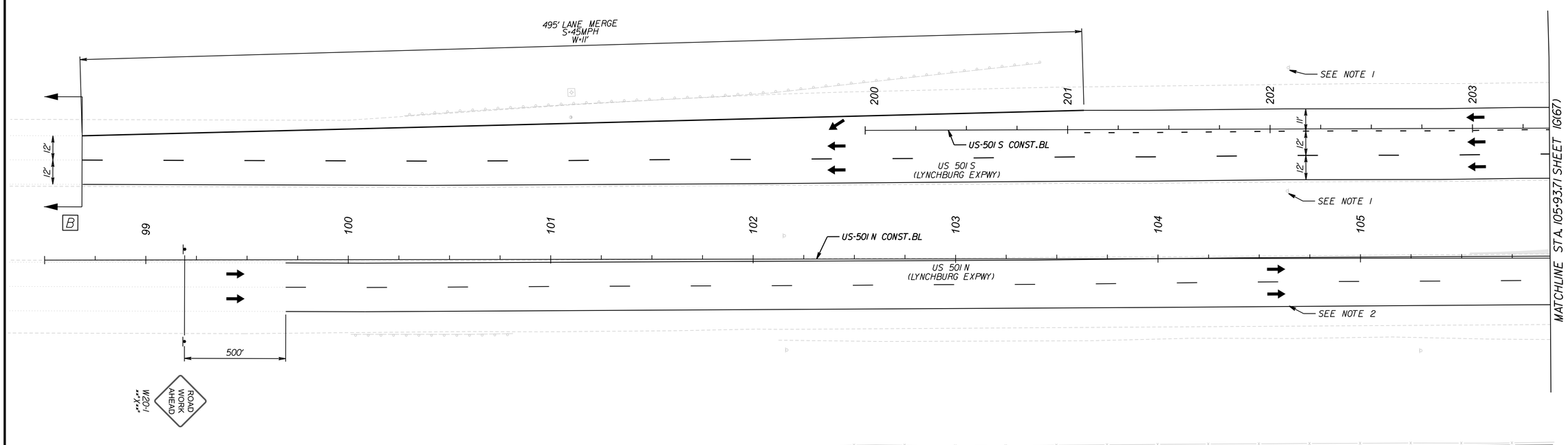
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY

PH PLANS

MAINTENANCE OF TRAFFIC PLAN
PHASE 5

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

NOTES:

1. EXISTING 55MPH SPEED LIMIT SIGNS REMAIN COVERED.
2. MATCH PROPOSED PAVEMENT MARKINGS ON US 501 N.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(66)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

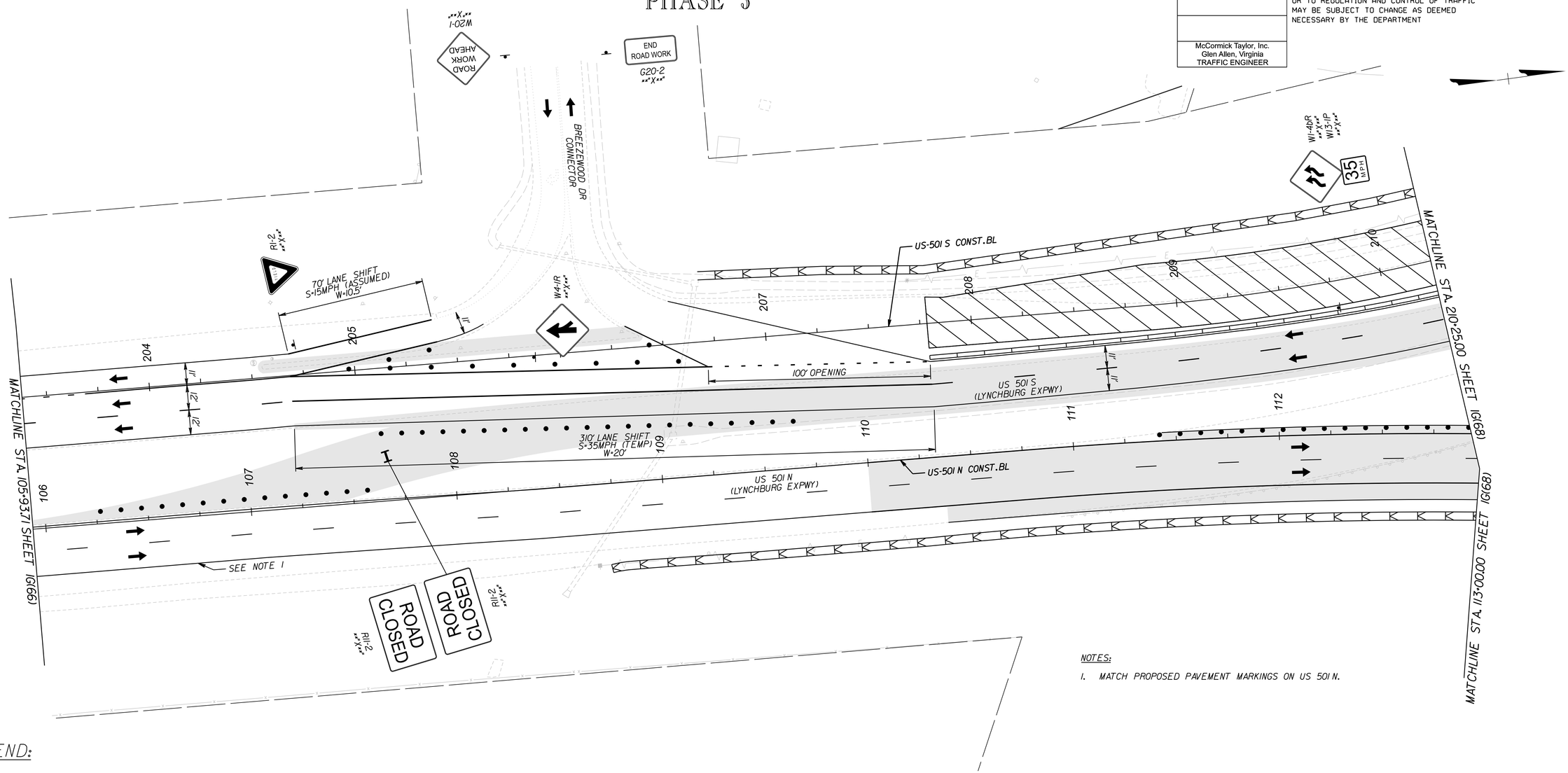
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(67)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN

PHASE 5



NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 501 N.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
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- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(67)

ADDITIONAL EASEMENT 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

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

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PH PLANS

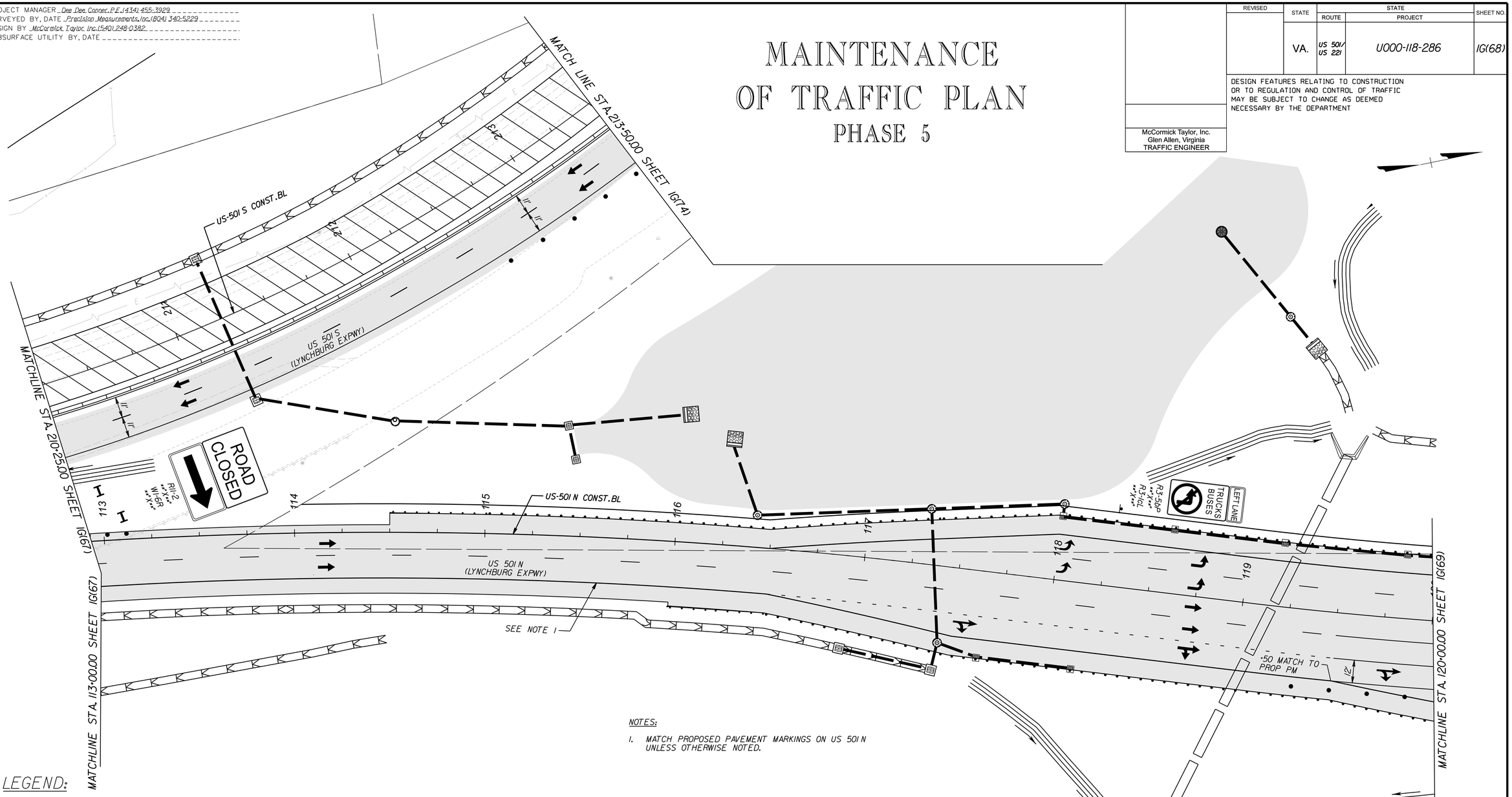
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 5

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(68)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 501 N UNLESS OTHERWISE NOTED.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(68)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(69)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

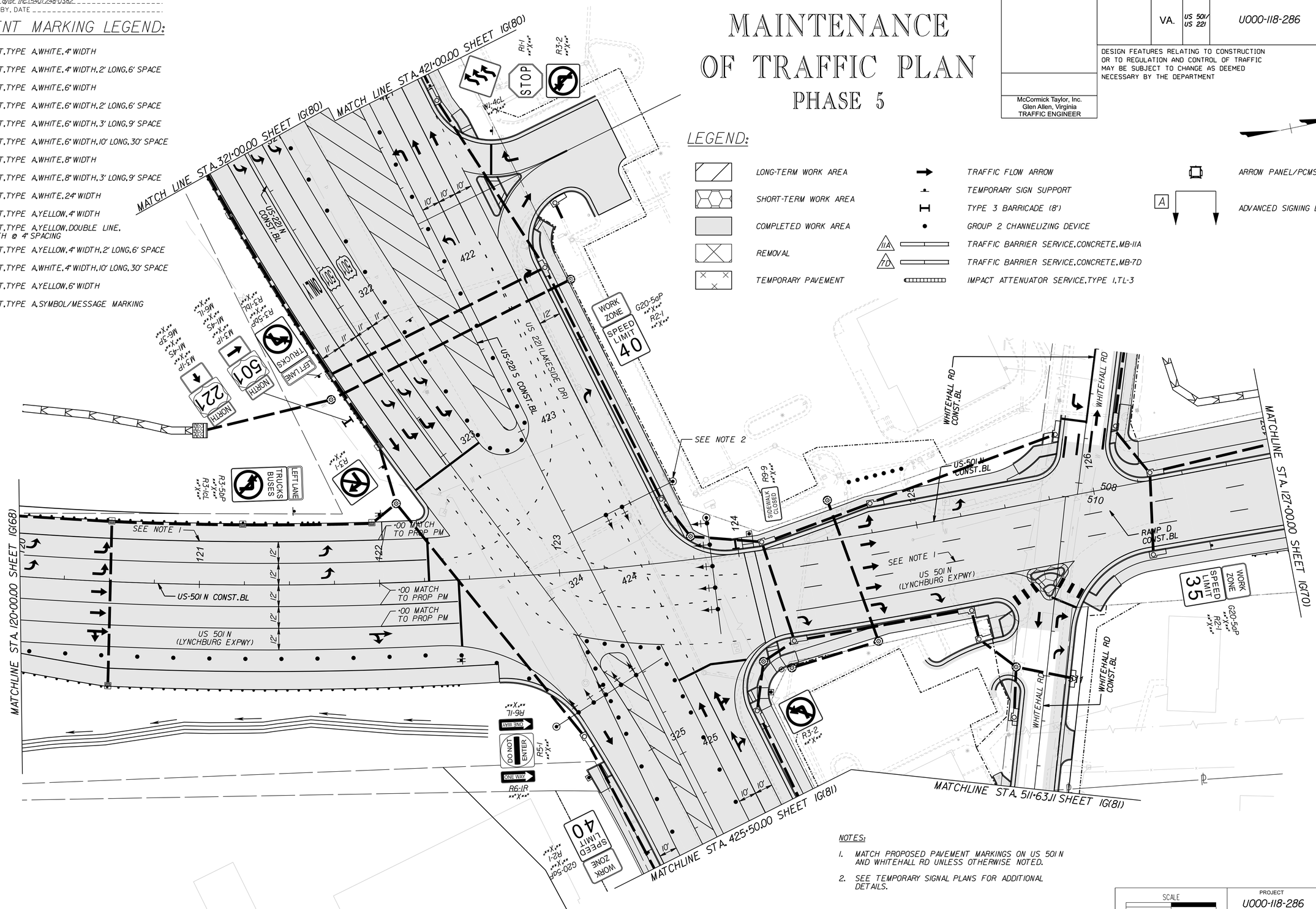
MAINTENANCE OF TRAFFIC PLAN
PHASE 5

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL



NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 501 N AND WHITEHALL RD UNLESS OTHERWISE NOTED.
2. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(69)

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 5

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(70)

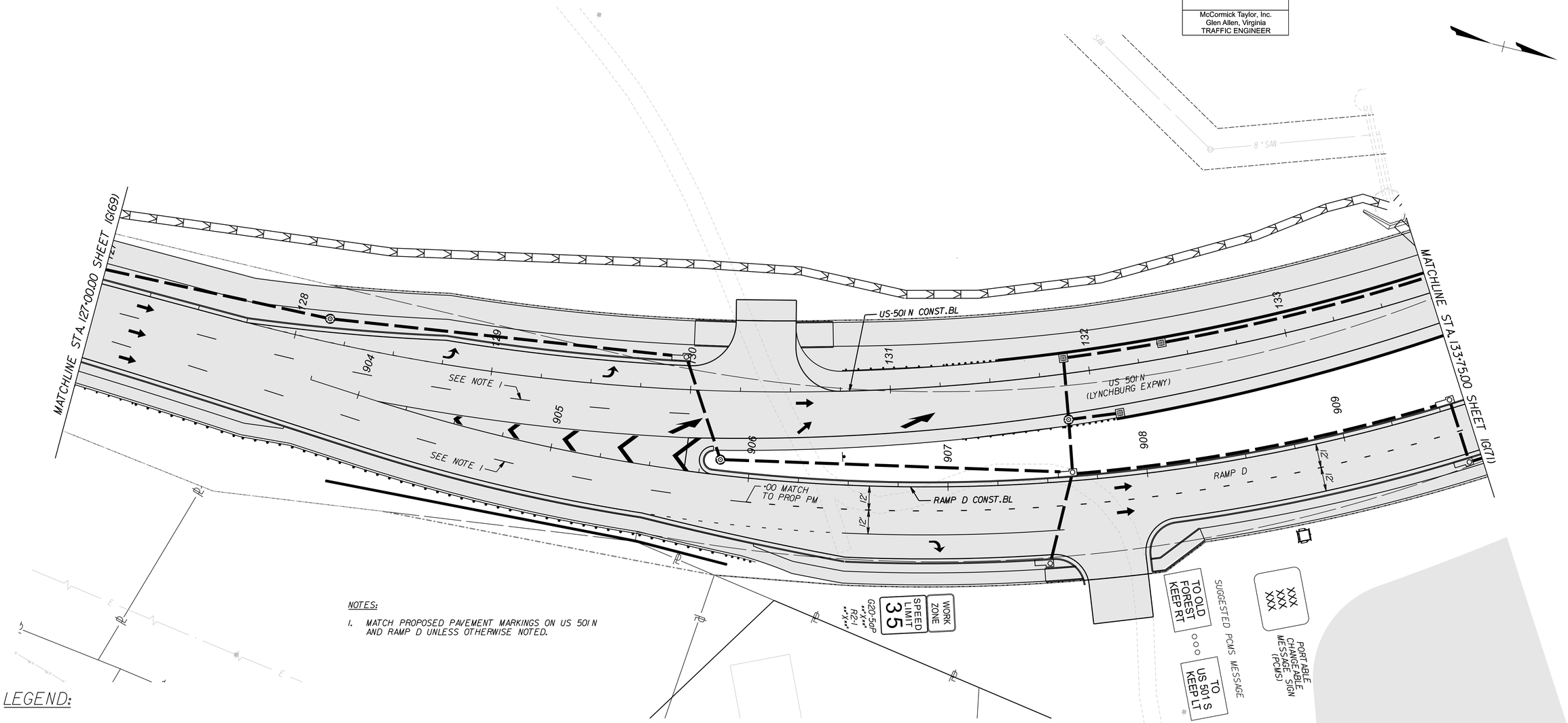
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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



NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 501 N AND RAMP D UNLESS OTHERWISE NOTED.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(70)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

ADDITIONAL EASEMENT 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

MAINTENANCE OF TRAFFIC PLAN
PHASE 5

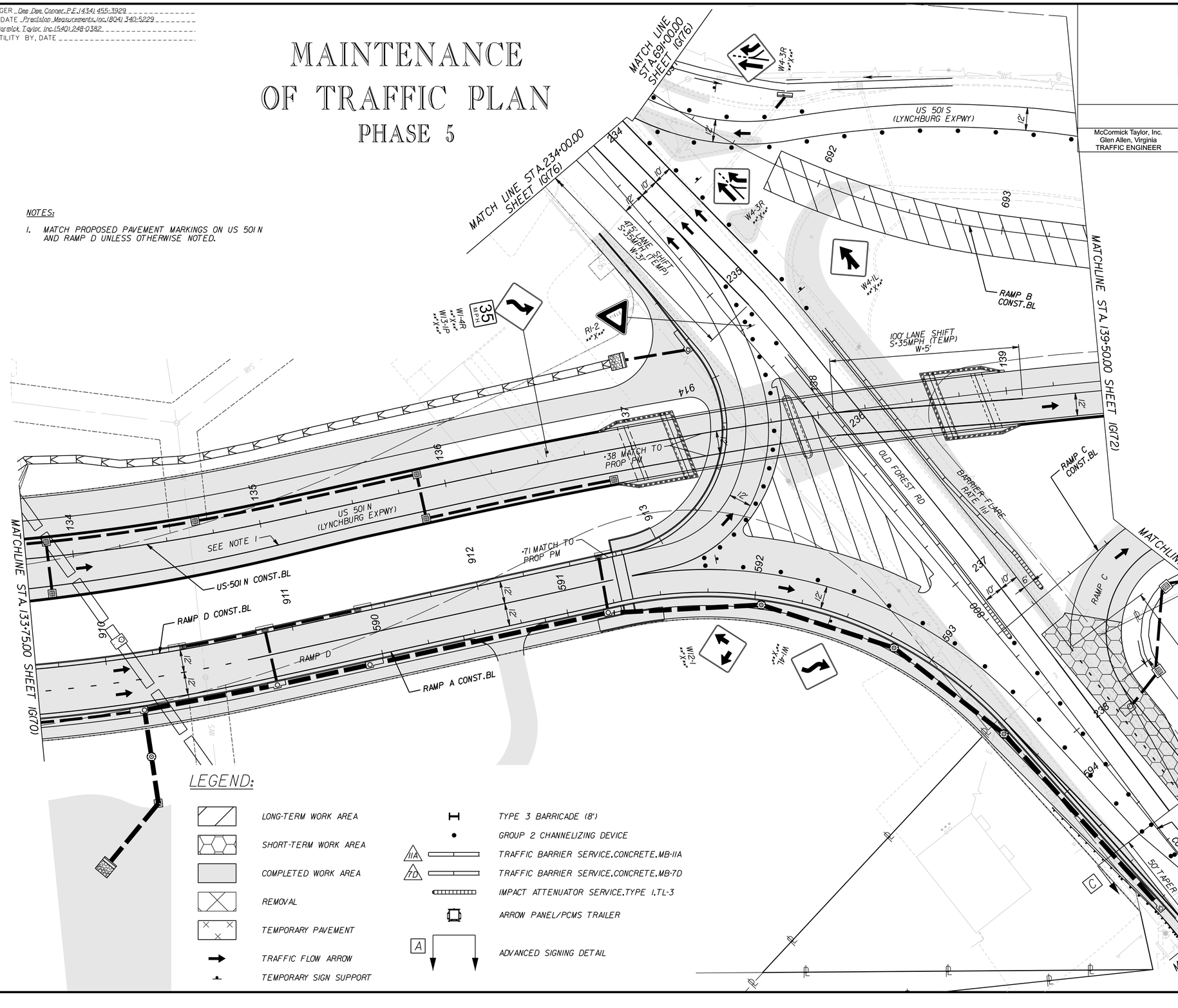
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(71)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 501 N AND RAMP D UNLESS OTHERWISE NOTED.



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(71)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(72)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 5

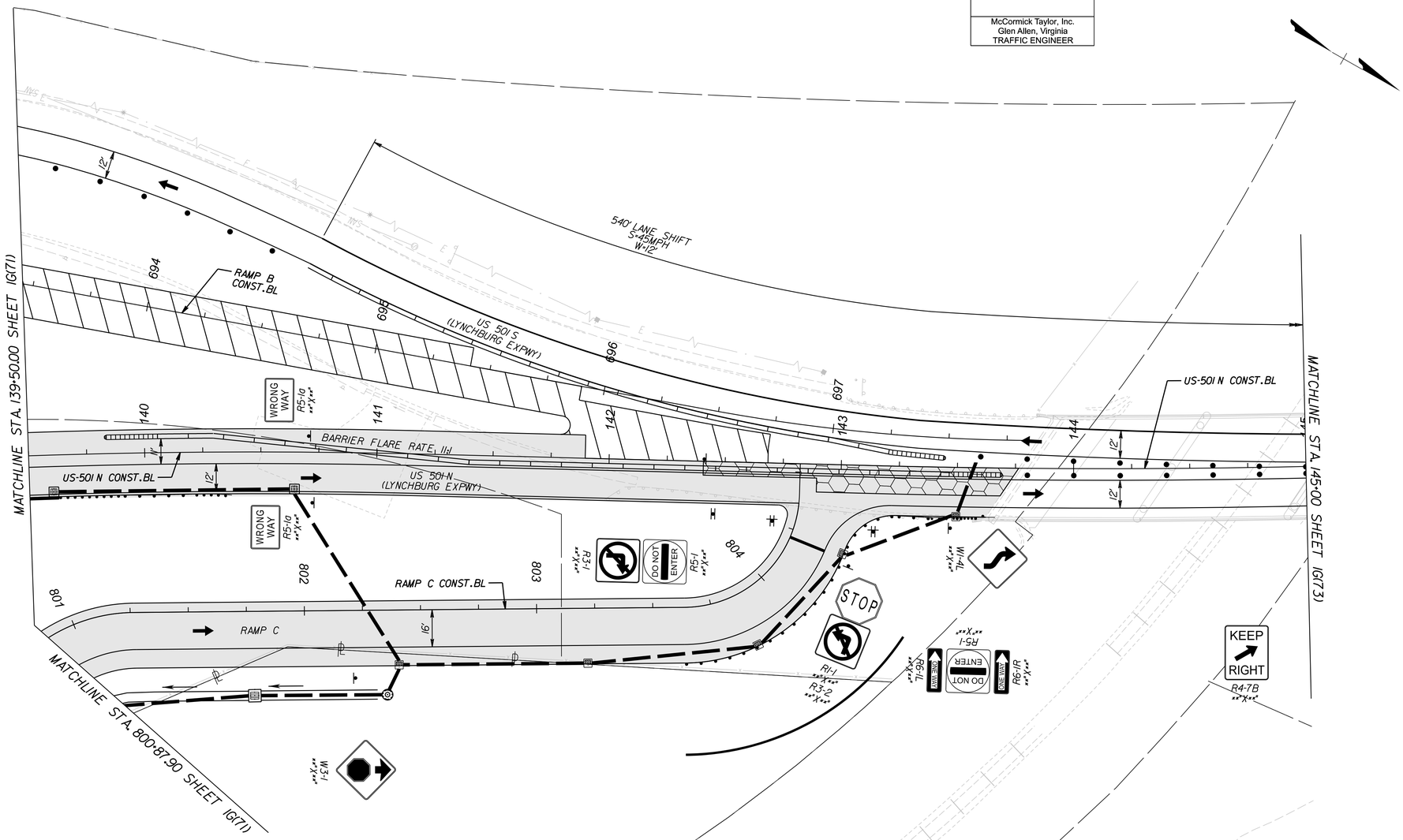
ADDITIONAL EASEMENT FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS

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

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(72)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 5

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(73)

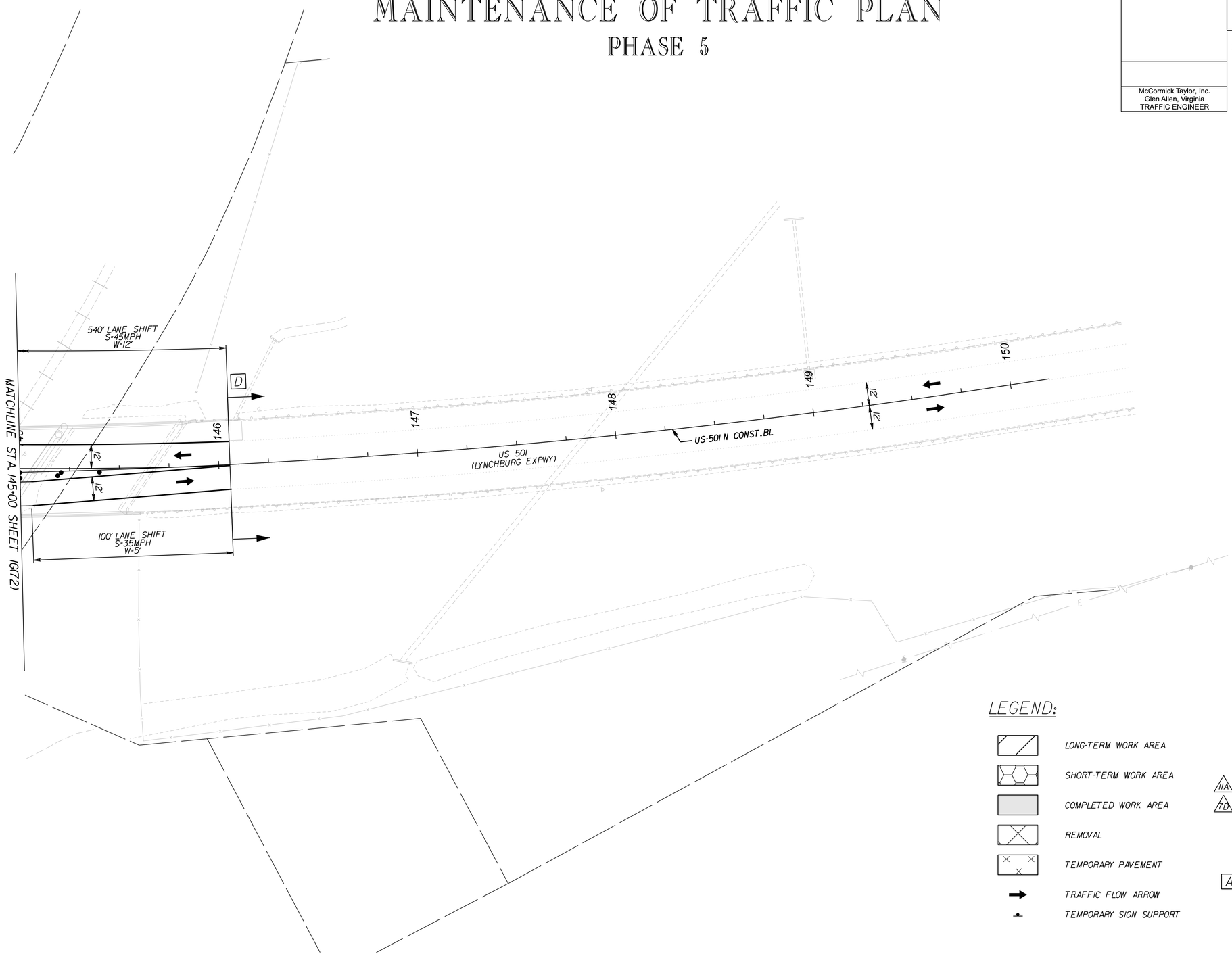
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(73)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(74)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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

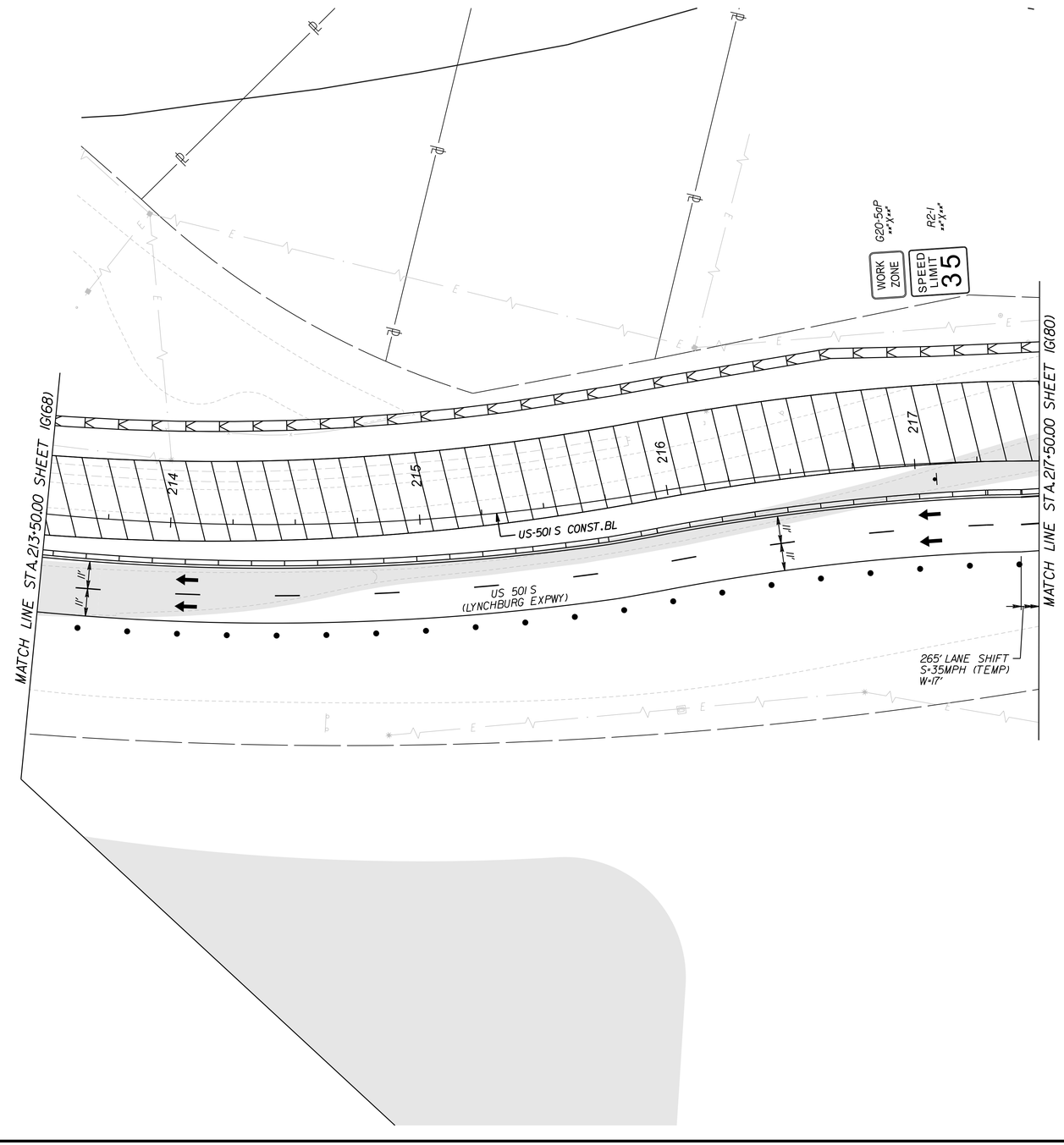
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 5

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(74)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

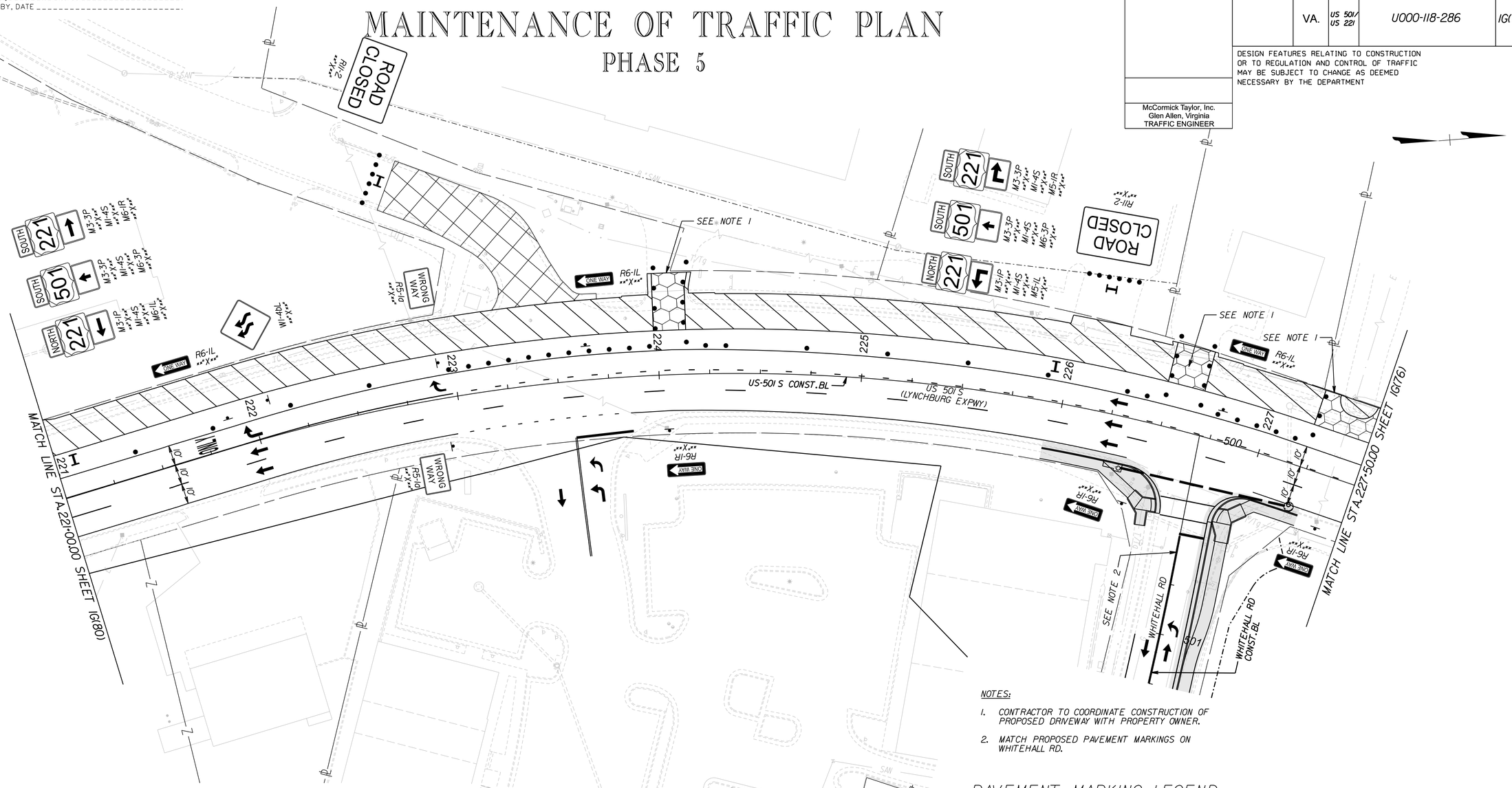
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(75)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN

PHASE 5



NOTES:

1. CONTRACTOR TO COORDINATE CONSTRUCTION OF PROPOSED DRIVEWAY WITH PROPERTY OWNER.
2. MATCH PROPOSED PAVEMENT MARKINGS ON WHITEHALL RD.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(75)

ADDITIONAL EASEMENT 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

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PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(76)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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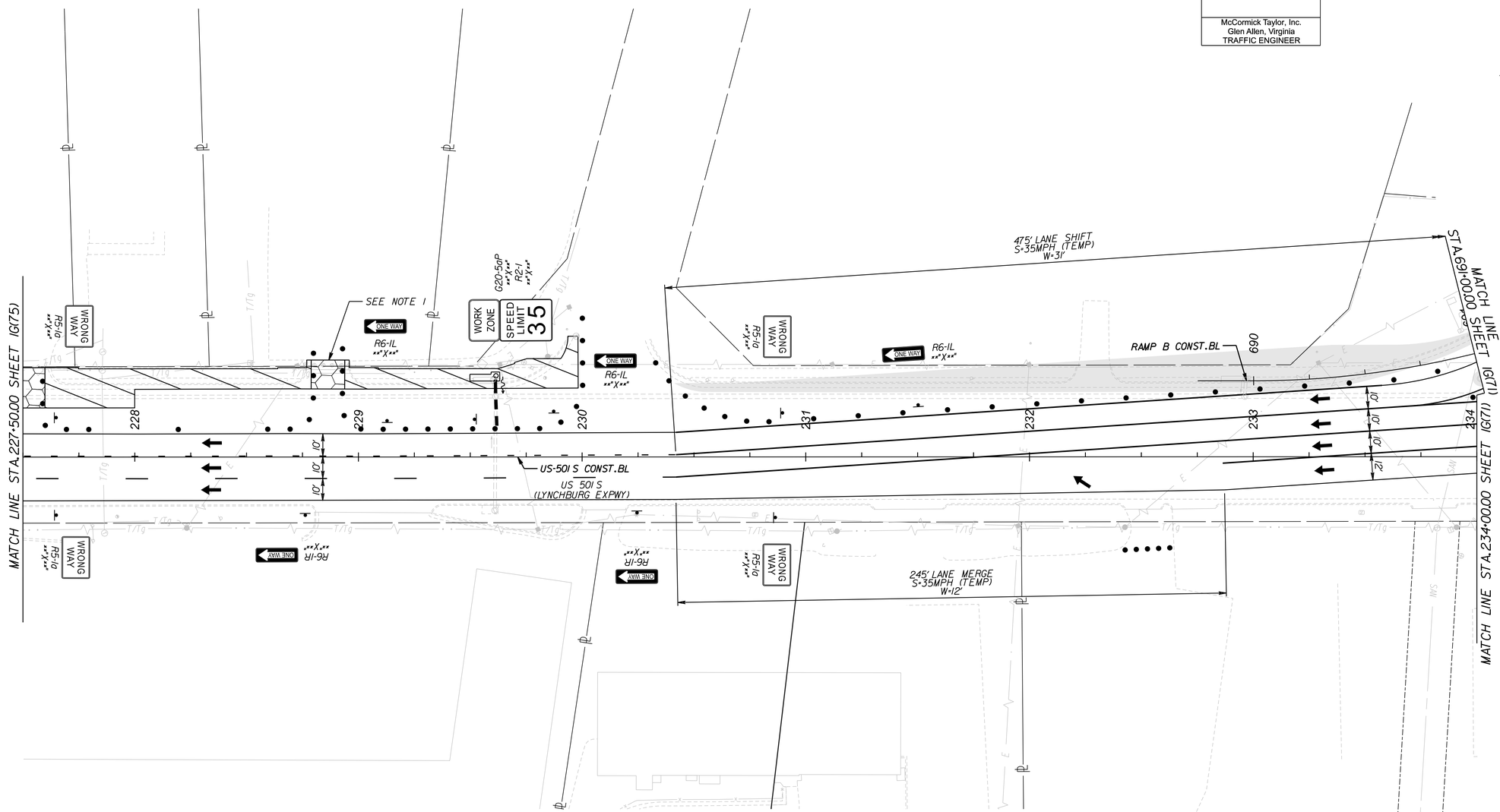
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 5



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
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- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

NOTES:

1. CONTRACTOR TO COORDINATE CONSTRUCTION OF PROPOSED DRIVEWAY WITH PROPERTY OWNER.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(76)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 5

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(77)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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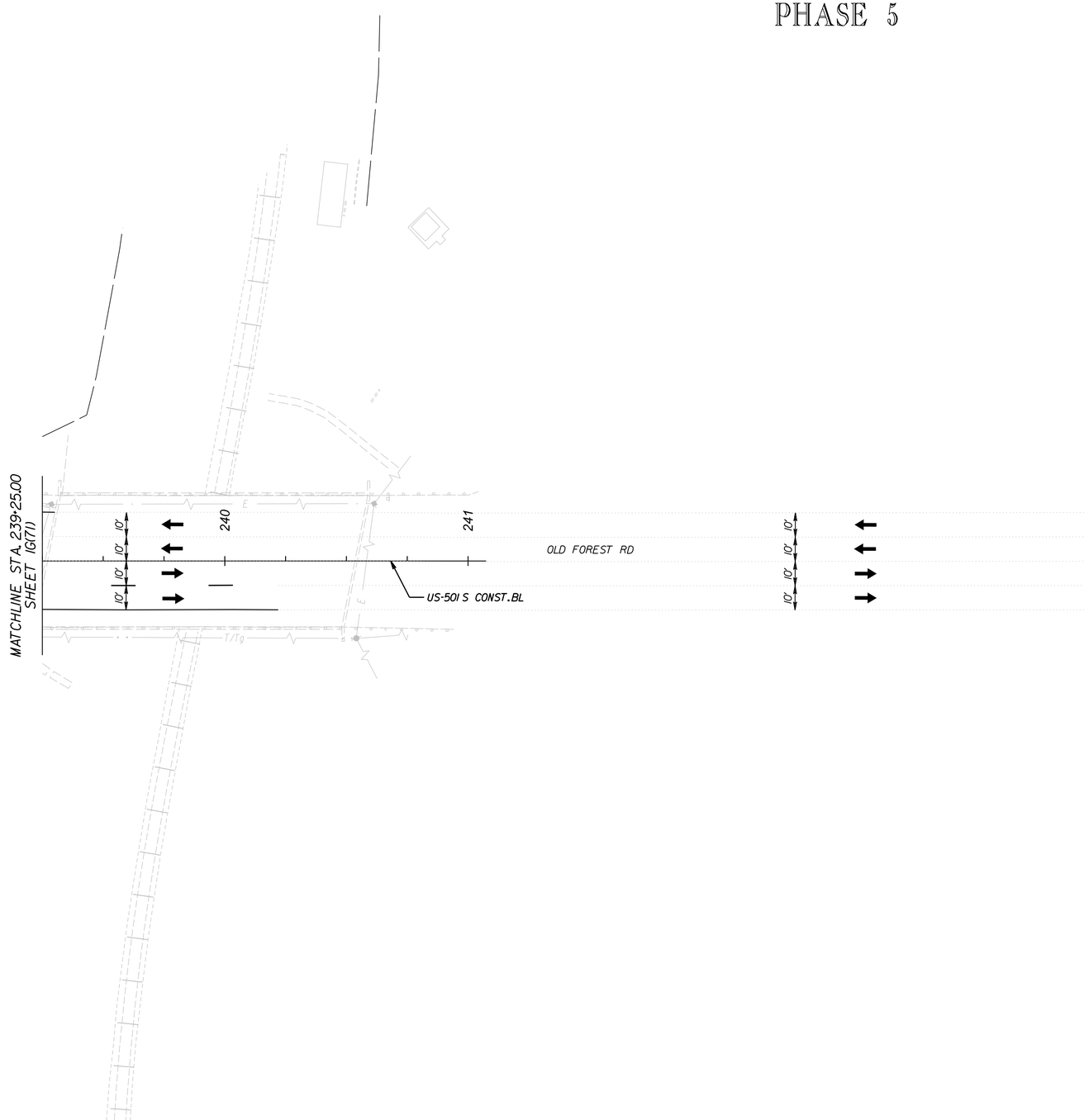
PH PLANS



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
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- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(77)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(78)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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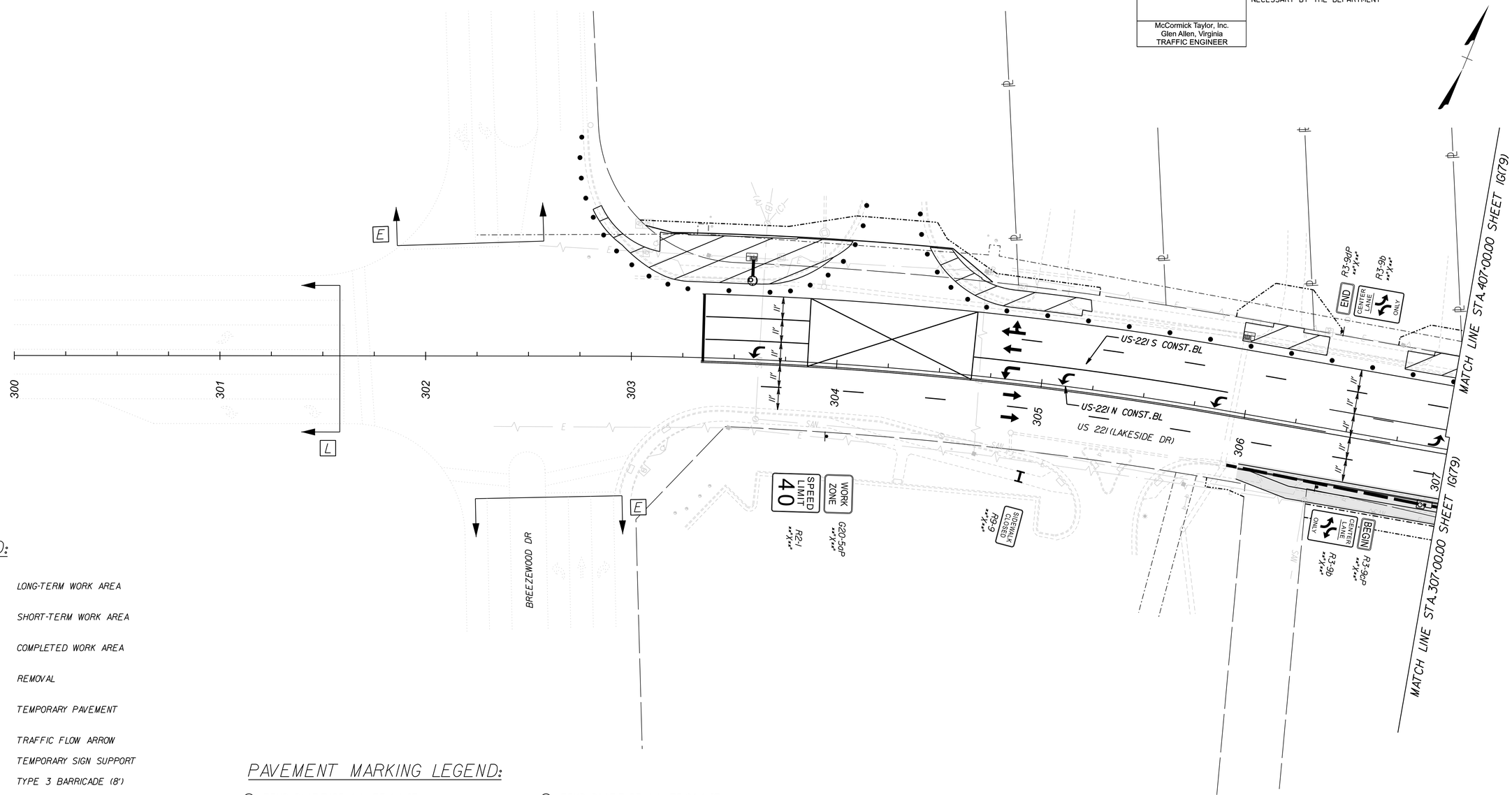
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 5



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- IID TRAFFIC BARRIER SERVICE, CONCRETE, MB-IID
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(78)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

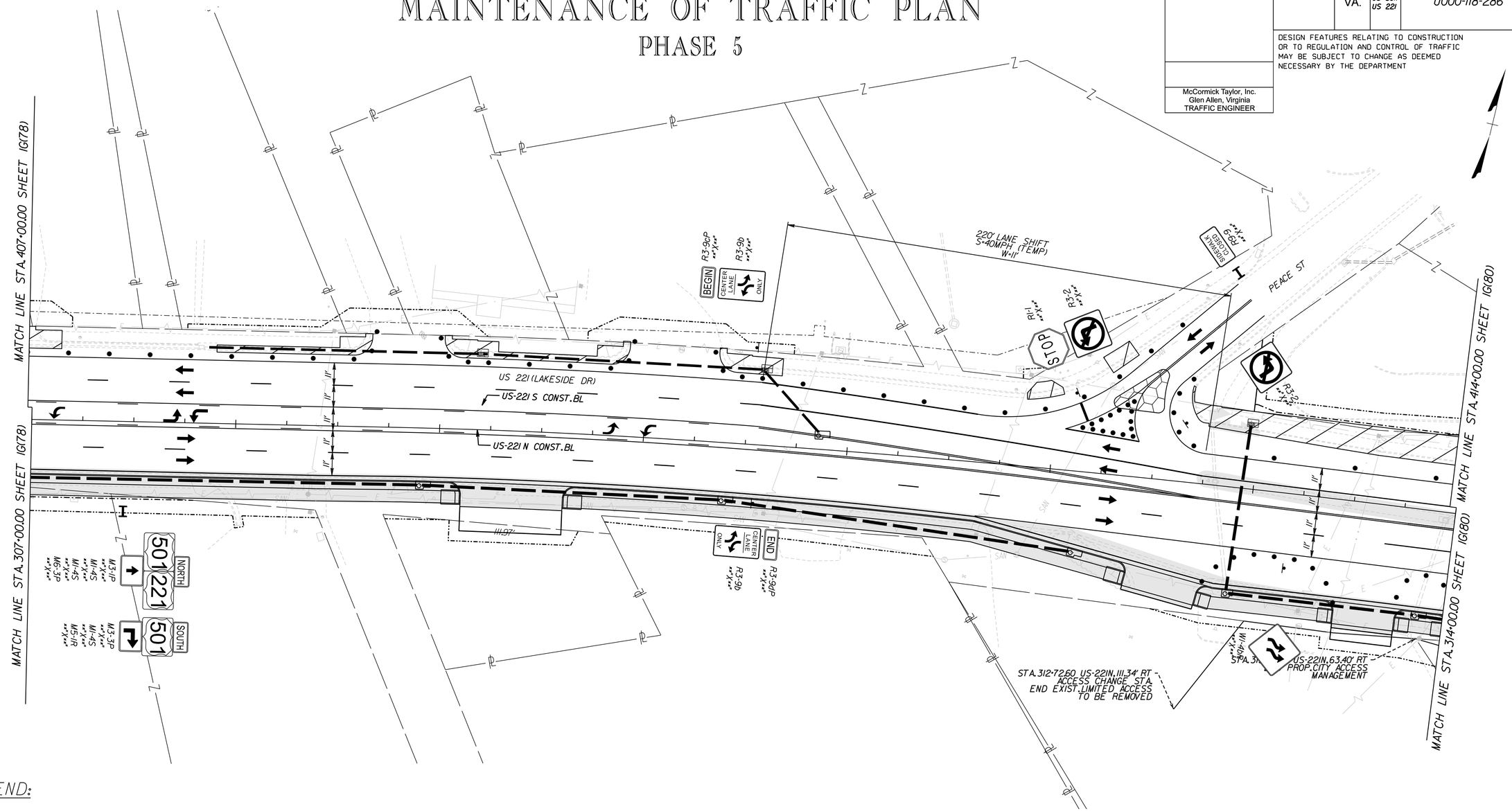
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(79)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN

PHASE 5



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(79)

ADDITIONAL EASEMENT 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

8/19/2026
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Plotted By: DAG

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(80)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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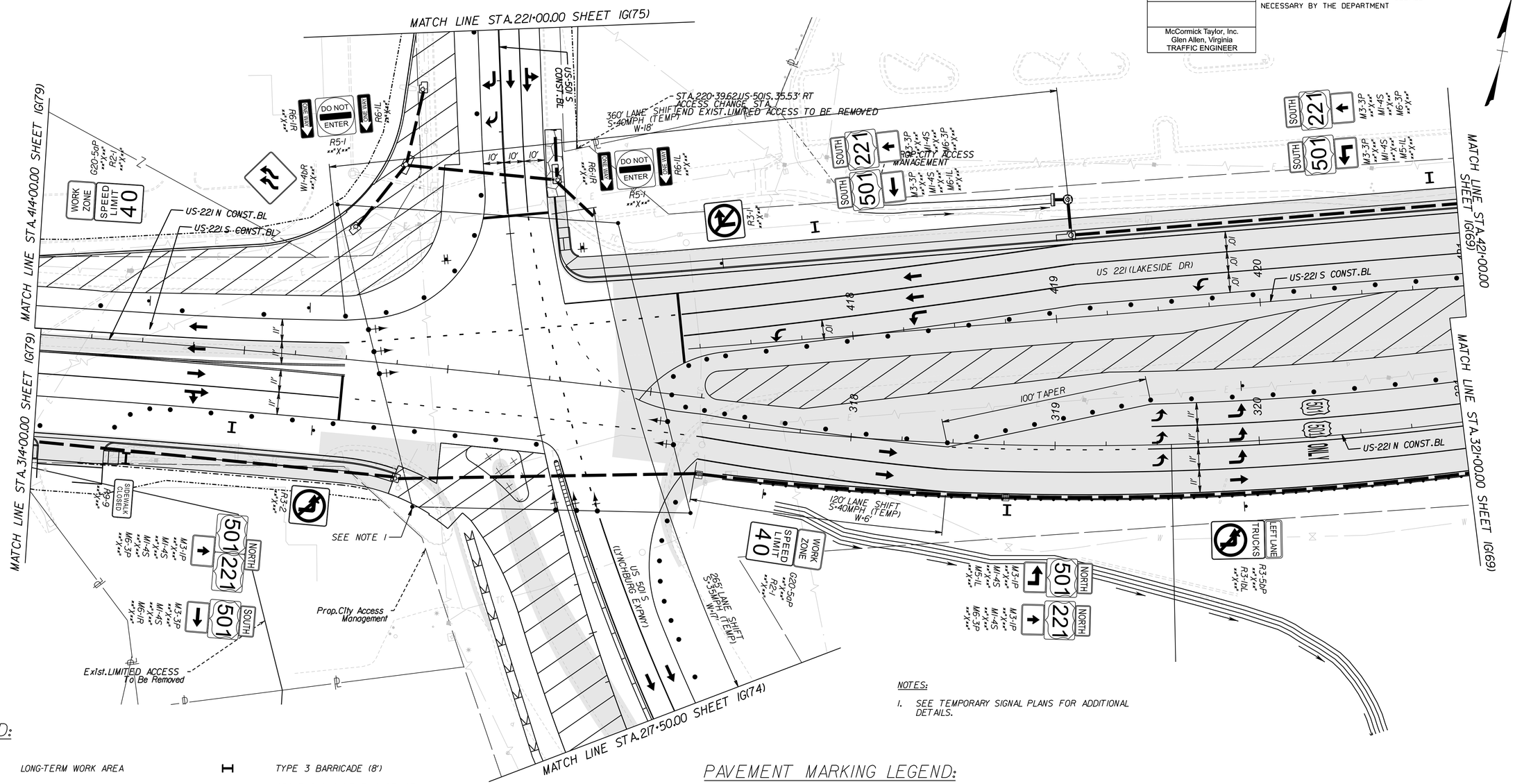
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 5



NOTES:

1. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(80)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 5

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(81)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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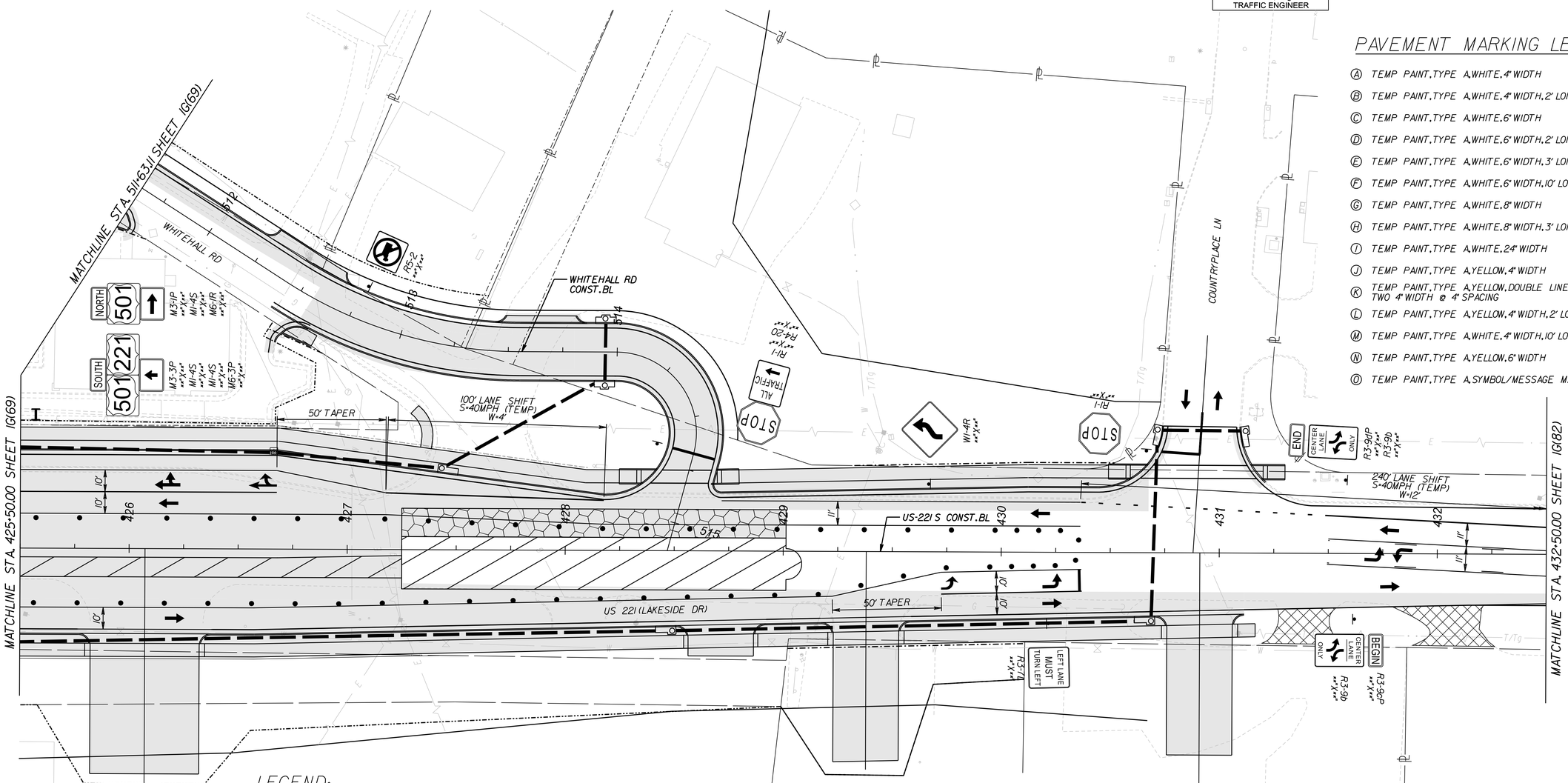
PH PLANS



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
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- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(81)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 5

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(82)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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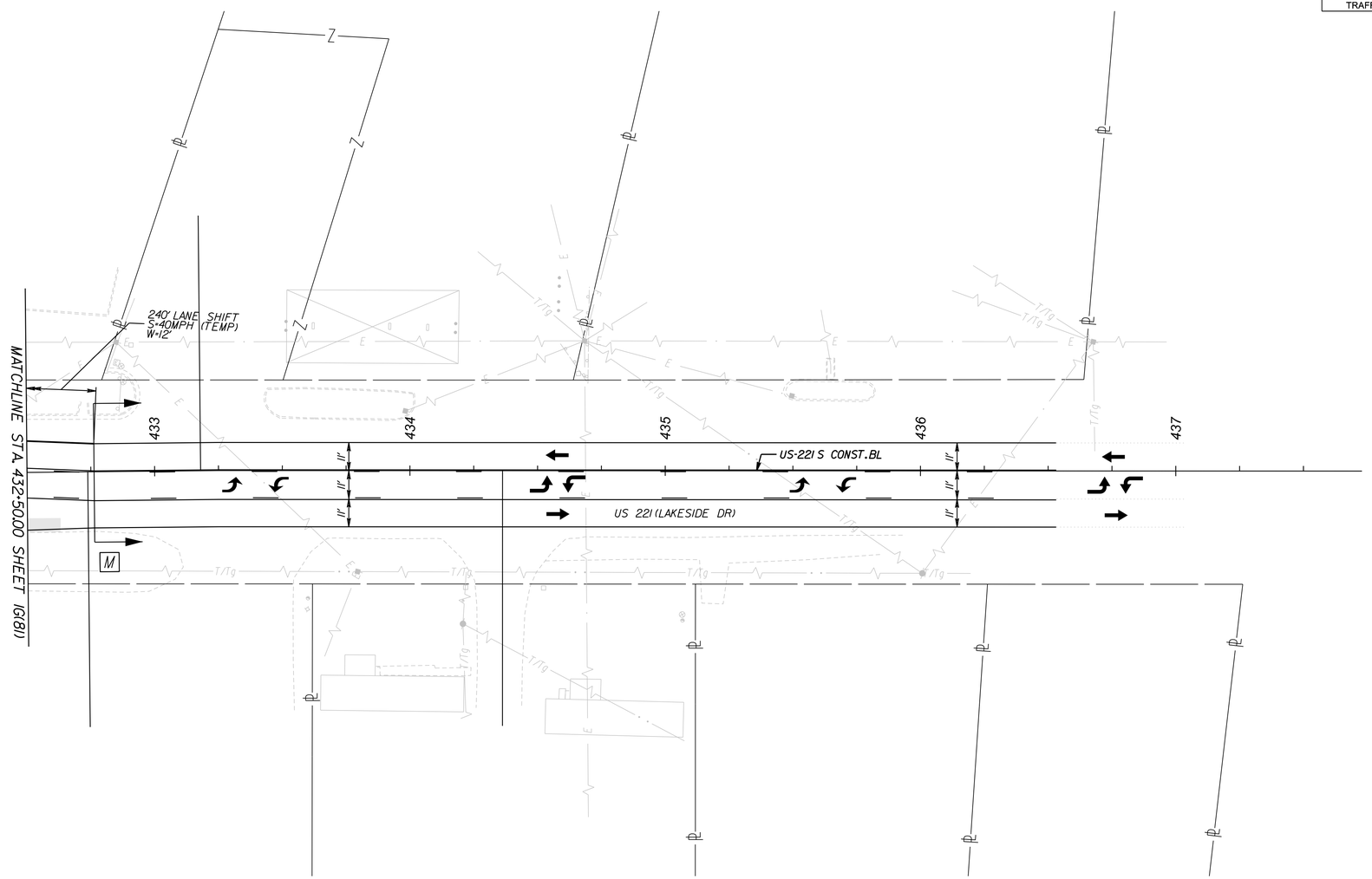
PH PLANS



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
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- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(82)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 6

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(83)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
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- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
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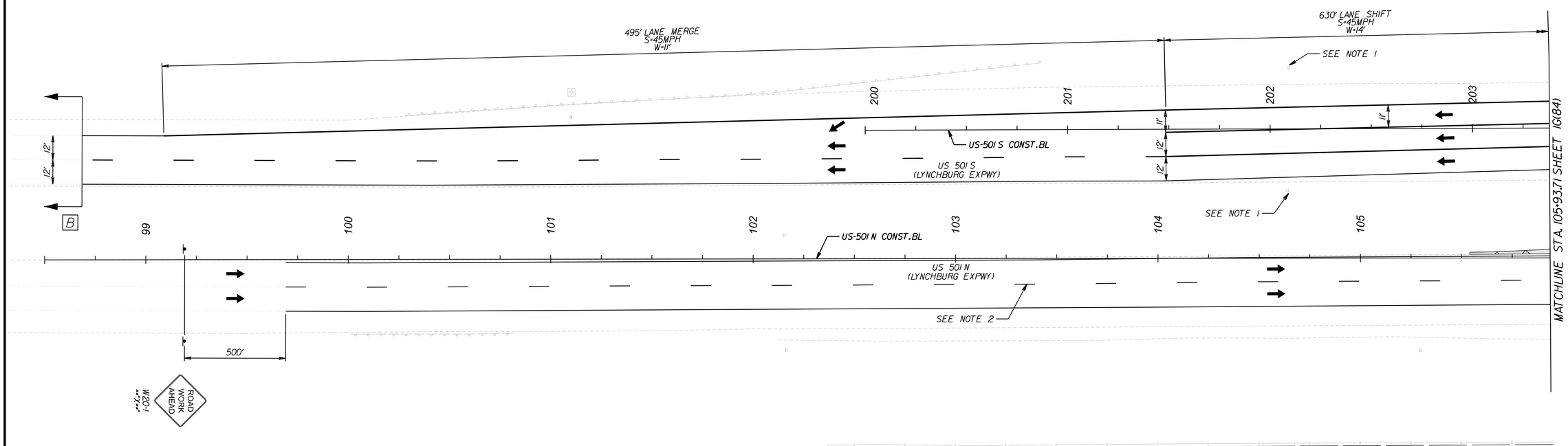
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

NOTES:

1. EXISTING 55MPH SPEED LIMIT SIGNS REMAIN COVERED.
2. MATCH PROPOSED PAVEMENT MARKINGS ON US 501 N.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(83)

8/19/2026
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Plotted By: DAG

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

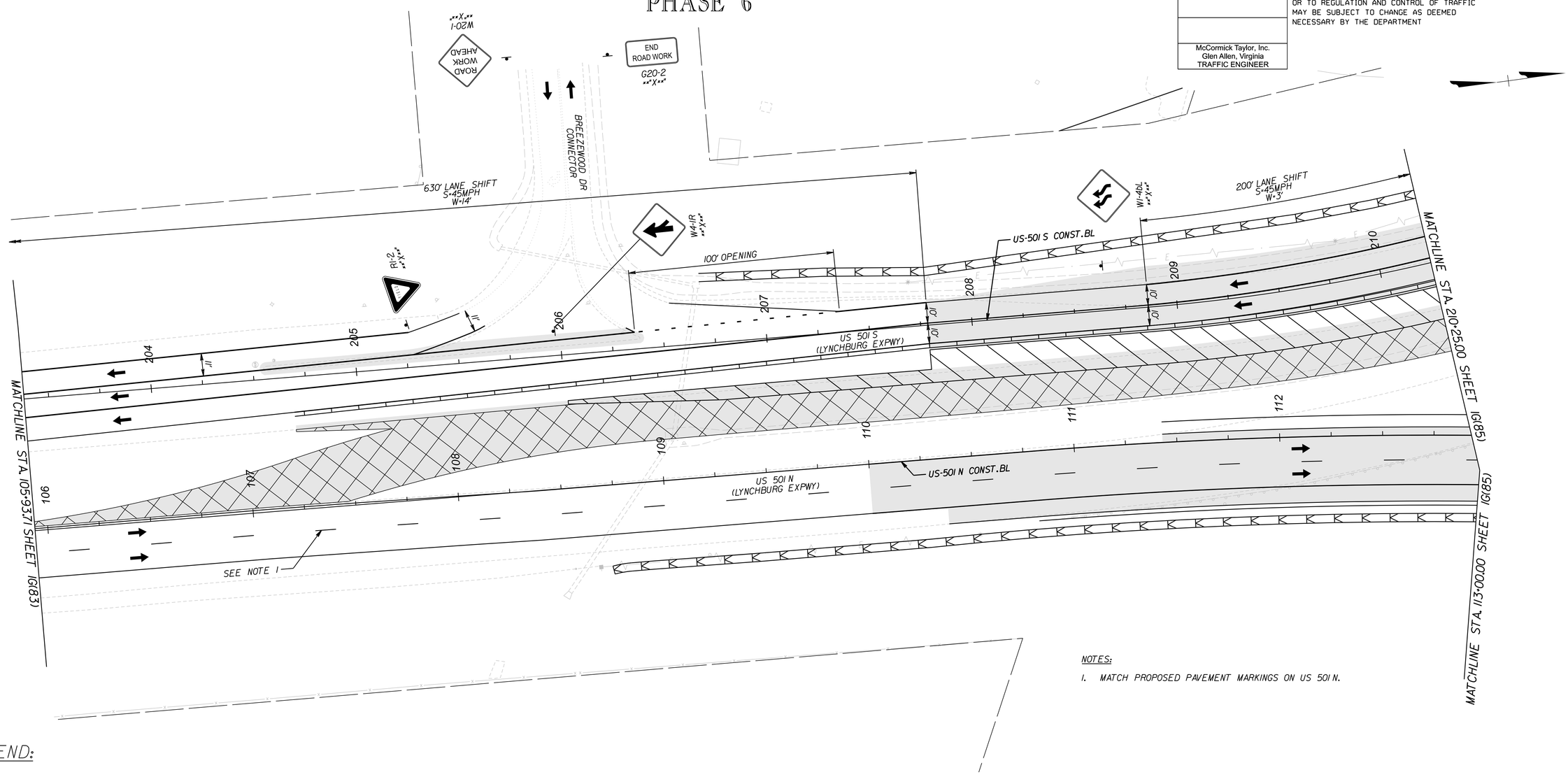
MAINTENANCE OF TRAFFIC PLAN

PHASE 6

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(84)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 501 N.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
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- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
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- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(84)

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

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PH PLANS

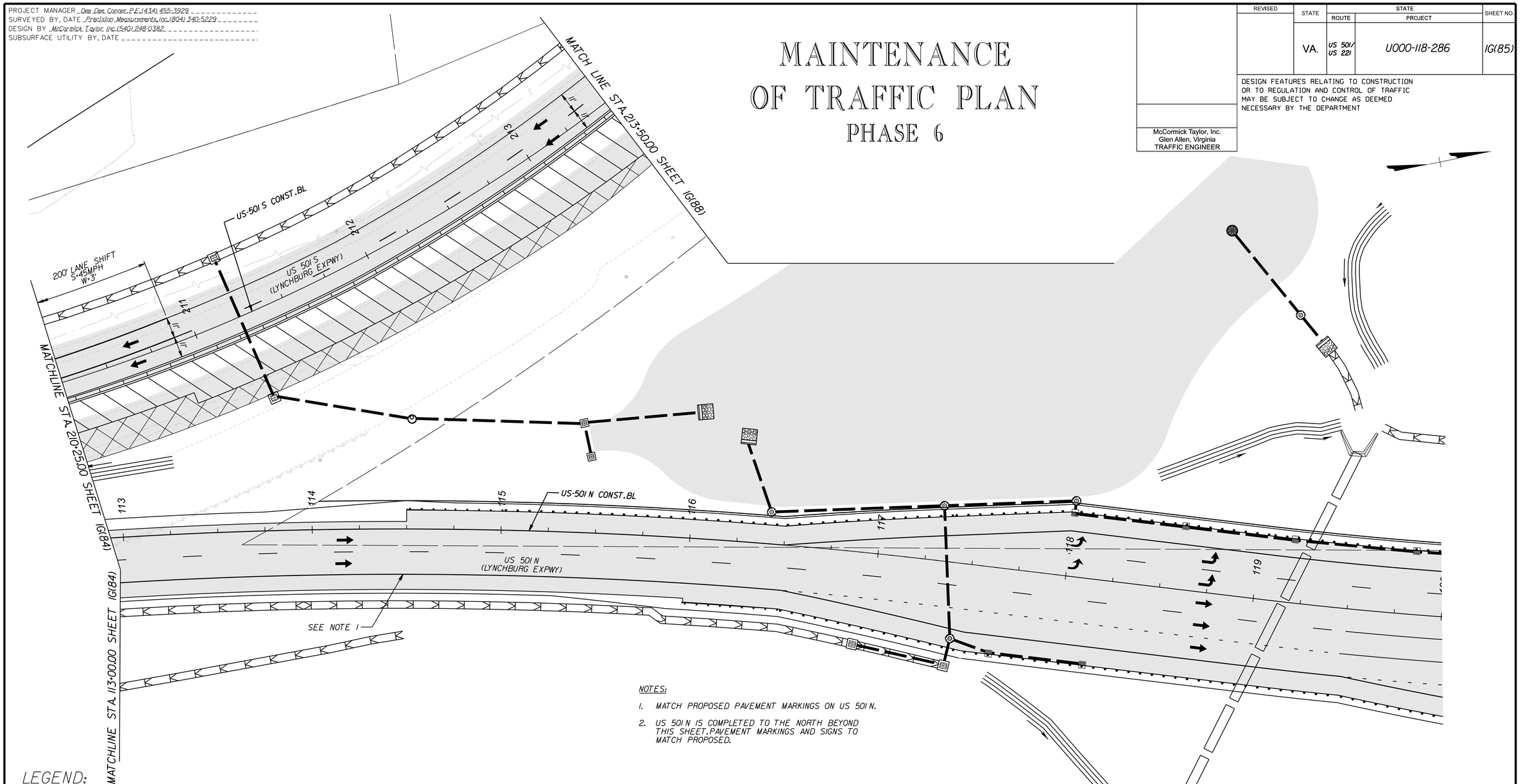
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 6

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(85)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 501 N.
2. US 501 N IS COMPLETED TO THE NORTH BEYOND THIS SHEET. PAVEMENT MARKINGS AND SIGNS TO MATCH PROPOSED.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
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- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
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- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(85)

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

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

PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(86)

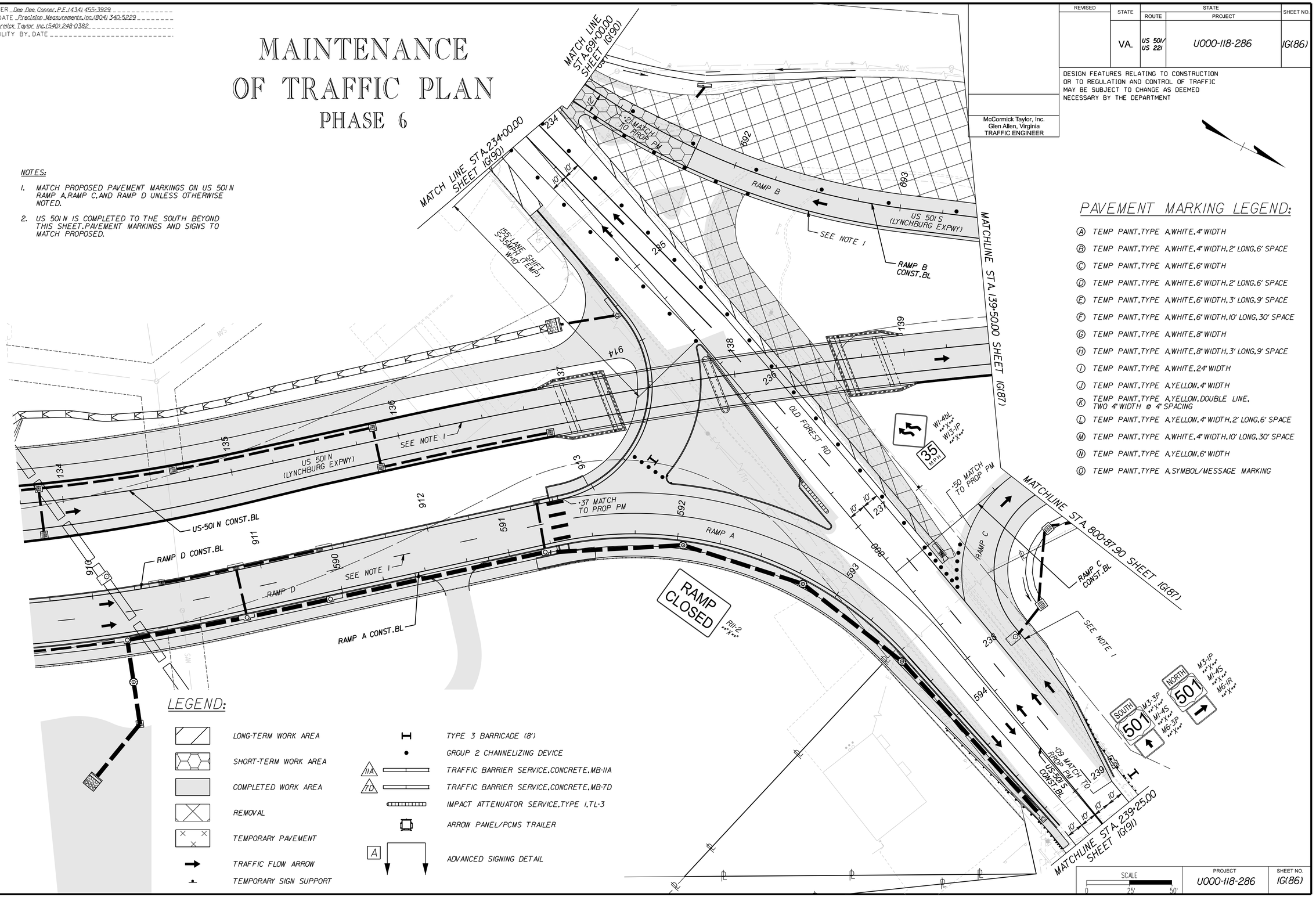
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 6

NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 501 N RAMP A, RAMP C, AND RAMP D UNLESS OTHERWISE NOTED.
2. US 501 N IS COMPLETED TO THE SOUTH BEYOND THIS SHEET. PAVEMENT MARKINGS AND SIGNS TO MATCH PROPOSED.



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(86)

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 6

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(87)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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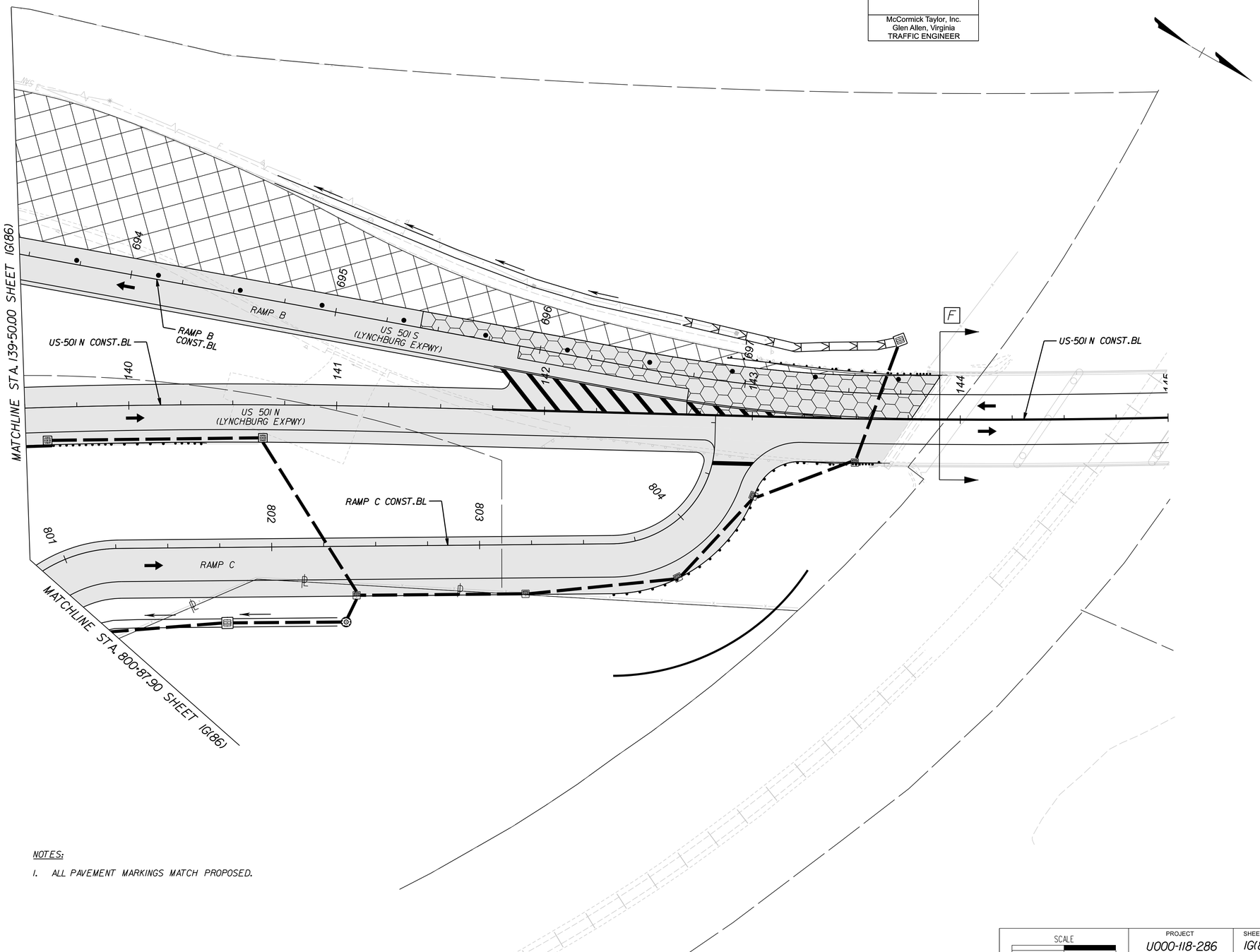
PH PLANS

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL

NOTES:

1. ALL PAVEMENT MARKINGS MATCH PROPOSED.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(87)

PROJECT MANAGER Dee Dee Conner, P.E.(434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc.(804) 340-5229
DESIGN BY McCormick Taylor, Inc.(540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(88)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 6

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
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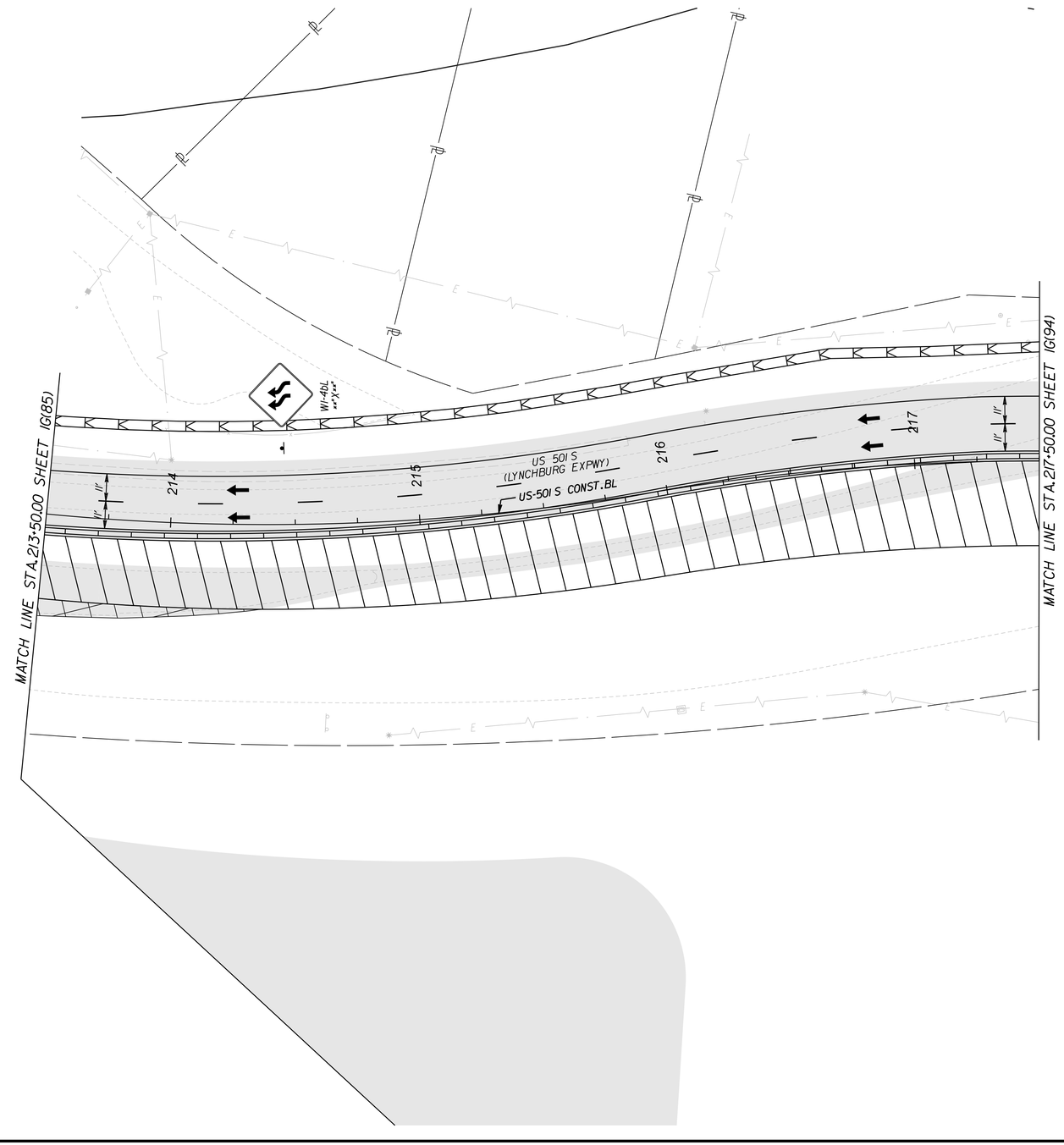
- ARROW PANEL/PCMS TRAILER
- A ADVANCED SIGNING DETAIL



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT,TYPE A,WHITE,4" WIDTH
- (B) TEMP PAINT,TYPE A,WHITE,4" WIDTH,2' LONG,6' SPACE
- (C) TEMP PAINT,TYPE A,WHITE,6" WIDTH
- (D) TEMP PAINT,TYPE A,WHITE,6" WIDTH,2' LONG,6' SPACE
- (E) TEMP PAINT,TYPE A,WHITE,6" WIDTH,3' LONG,9' SPACE
- (F) TEMP PAINT,TYPE A,WHITE,6" WIDTH,10' LONG,30' SPACE
- (G) TEMP PAINT,TYPE A,WHITE,8" WIDTH
- (H) TEMP PAINT,TYPE A,WHITE,8" WIDTH,3' LONG,9' SPACE
- (I) TEMP PAINT,TYPE A,WHITE,24" WIDTH
- (J) TEMP PAINT,TYPE A,YELLOW,4" WIDTH
- (K) TEMP PAINT,TYPE A,YELLOW,DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT,TYPE A,YELLOW,4" WIDTH,2' LONG,6' SPACE
- (M) TEMP PAINT,TYPE A,WHITE,4" WIDTH,10' LONG,30' SPACE
- (N) TEMP PAINT,TYPE A,YELLOW,6" WIDTH
- (O) TEMP PAINT,TYPE A,SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(88)

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Plotted By: DAG

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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PH PLANS

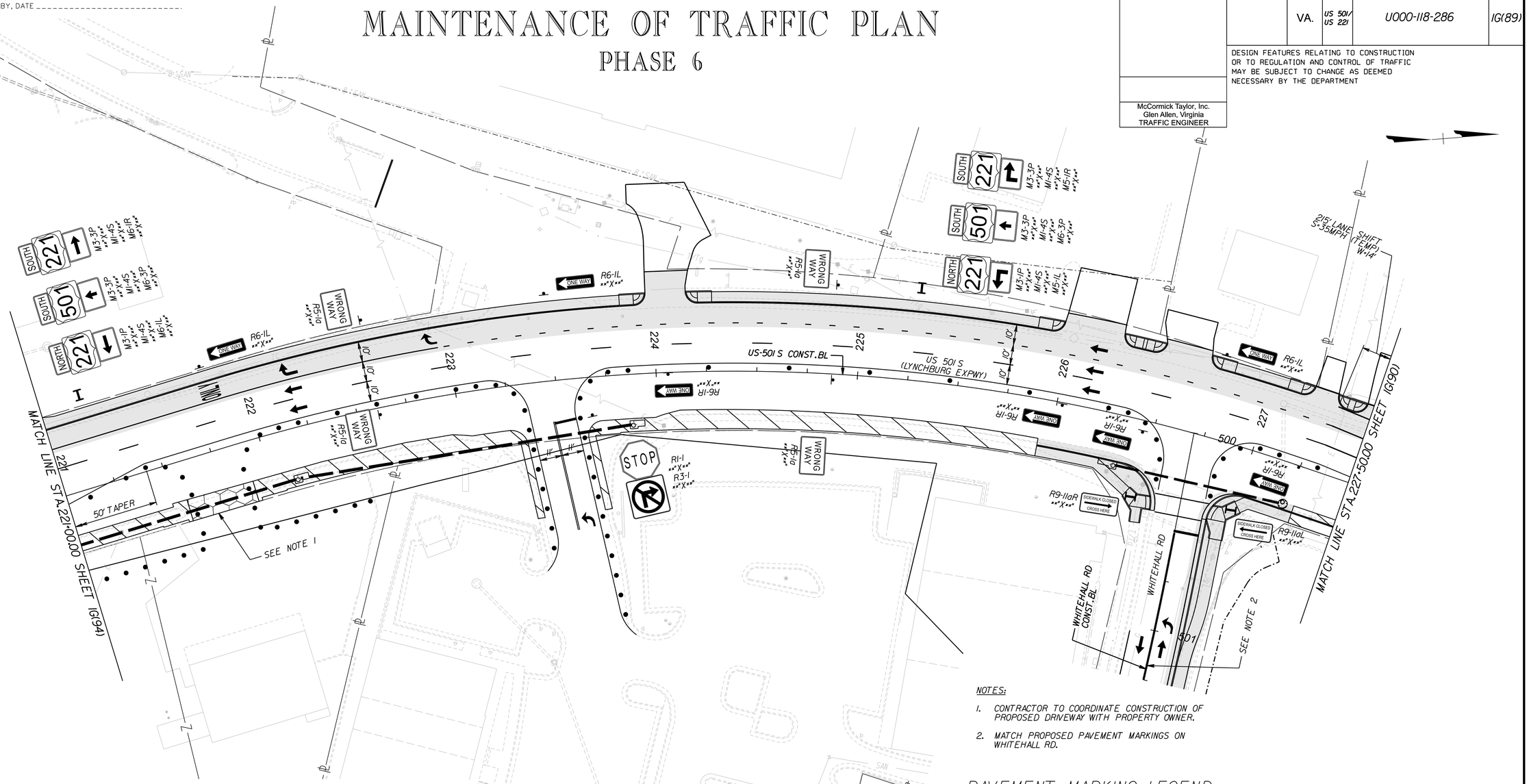
MAINTENANCE OF TRAFFIC PLAN

PHASE 6

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(89)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



NOTES:

1. CONTRACTOR TO COORDINATE CONSTRUCTION OF PROPOSED DRIVEWAY WITH PROPERTY OWNER.
2. MATCH PROPOSED PAVEMENT MARKINGS ON WHITEHALL RD.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(89)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(90)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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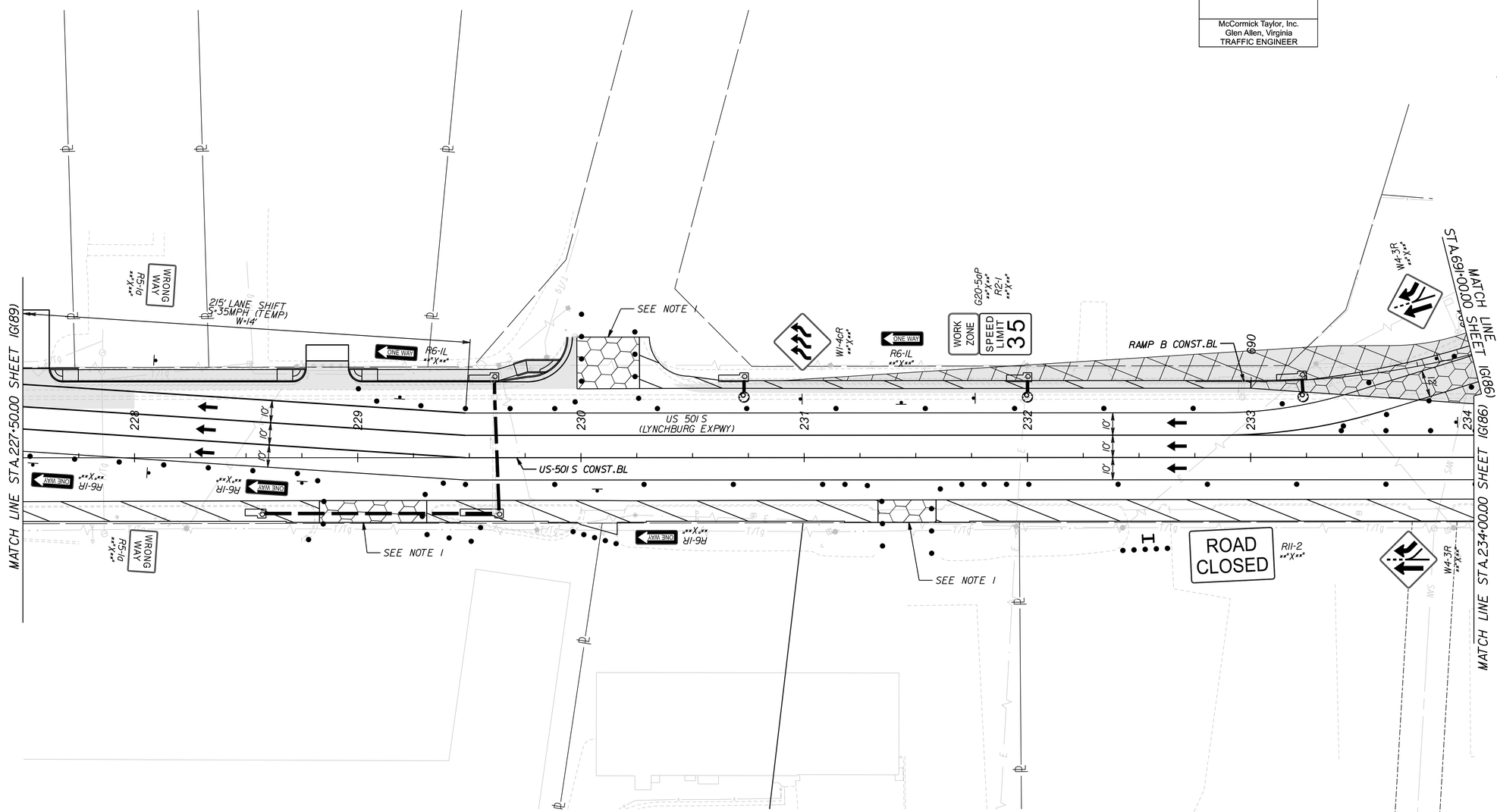
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 6



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
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- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

NOTES:

1. CONTRACTOR TO COORDINATE CONSTRUCTION OF PROPOSED DRIVEWAY WITH PROPERTY OWNER.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(90)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 6

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(91)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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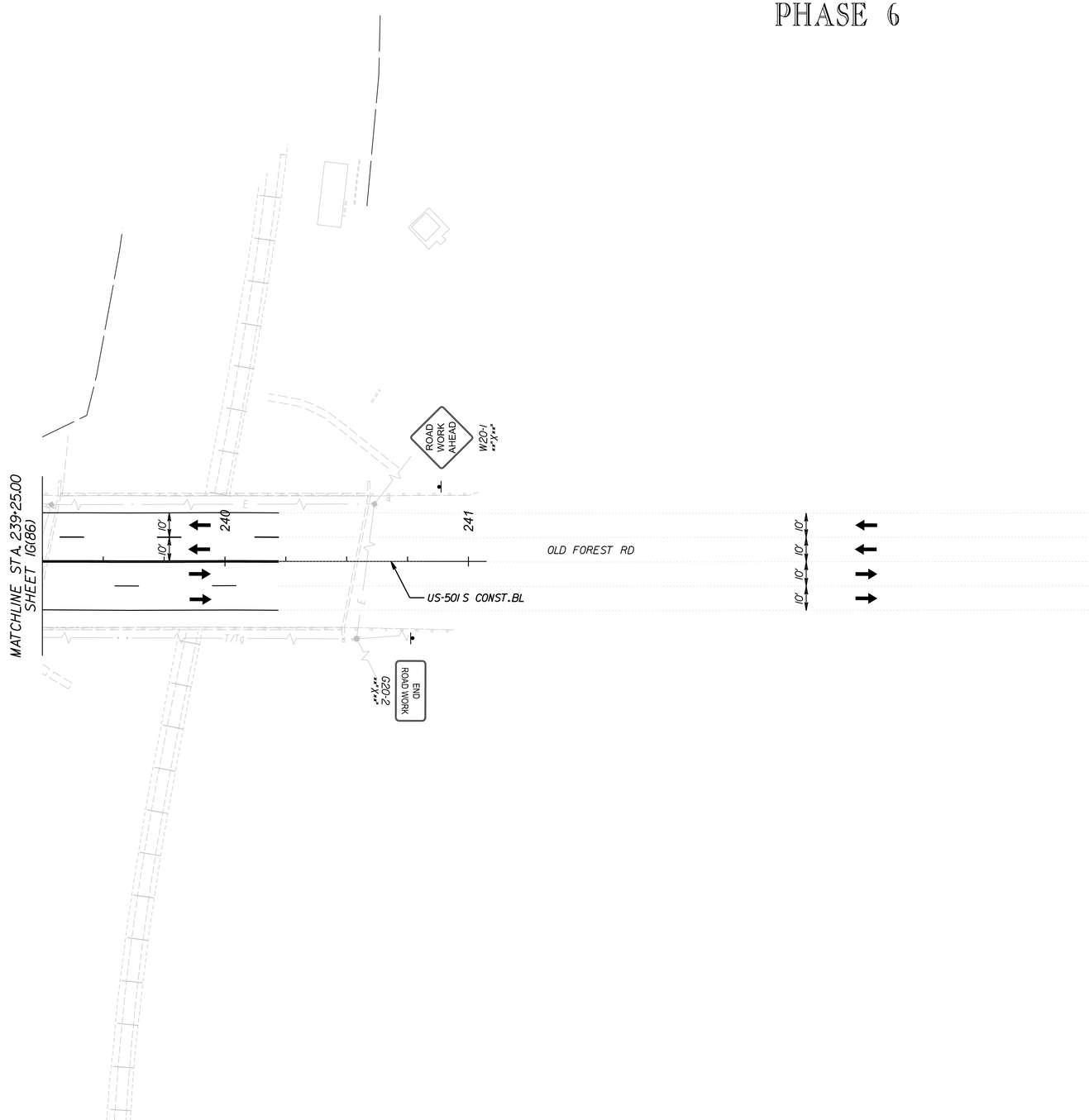
PH PLANS



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT.TYPE A.WHITE.4" WIDTH
- (B) TEMP PAINT.TYPE A.WHITE.4" WIDTH.2' LONG.6' SPACE
- (C) TEMP PAINT.TYPE A.WHITE.6" WIDTH
- (D) TEMP PAINT.TYPE A.WHITE.6" WIDTH.2' LONG.6' SPACE
- (E) TEMP PAINT.TYPE A.WHITE.6" WIDTH.3' LONG.9' SPACE
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- (M) TEMP PAINT.TYPE A.WHITE.4" WIDTH.10' LONG.30' SPACE
- (N) TEMP PAINT.TYPE A.YELLOW.6" WIDTH
- (O) TEMP PAINT.TYPE A.SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE.CONCRETE.MB-11A
- 7D — TRAFFIC BARRIER SERVICE.CONCRETE.MB-7D
- IMPACT ATTENUATOR SERVICE.TYPE I.TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(91)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 6

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(92)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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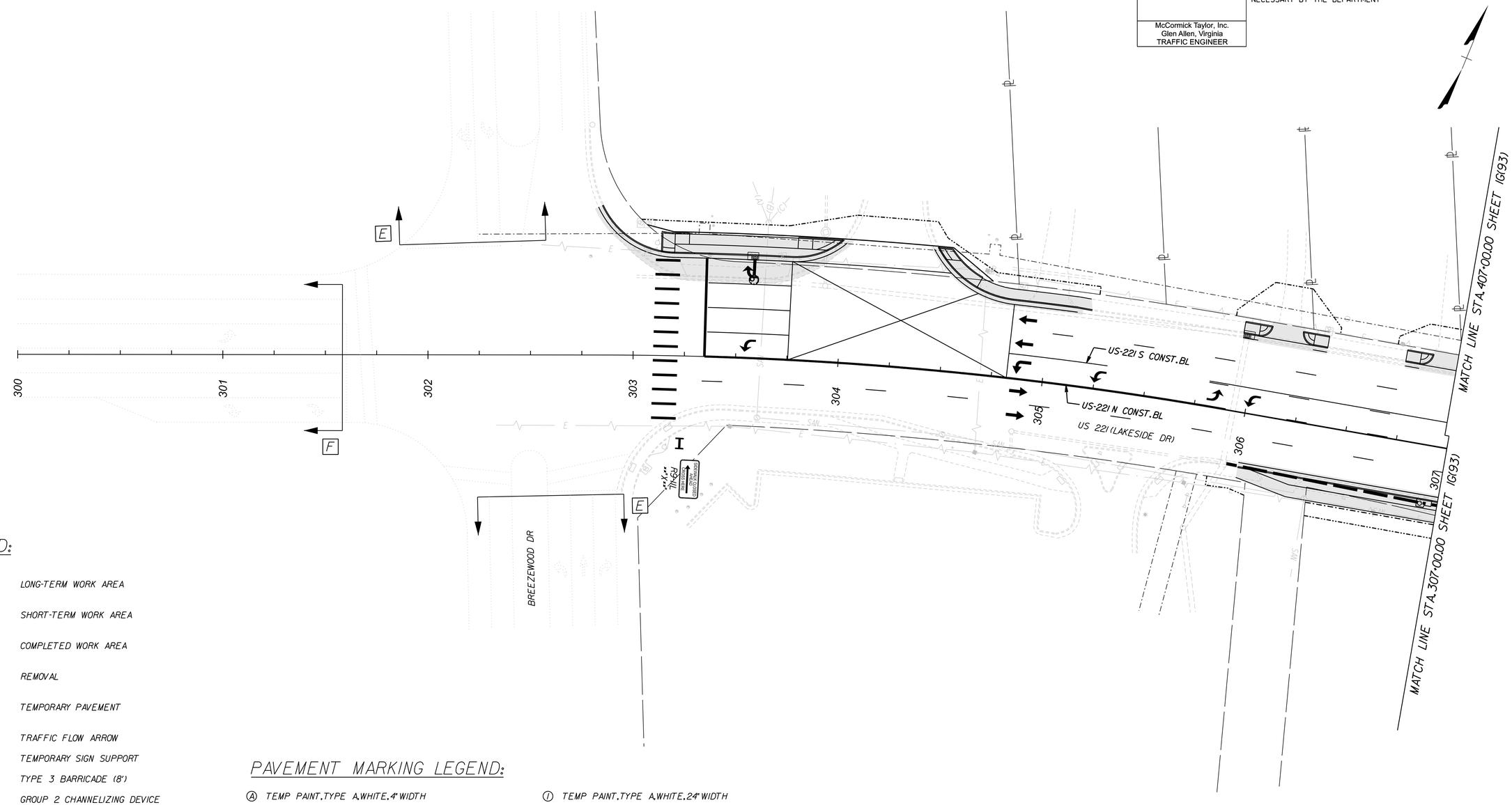

LEGEND:

- LONG-TERM WORK AREA
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- A ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

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- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 221. INSTALL ALL APPLICABLE PROPOSED SIGNS.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(92)

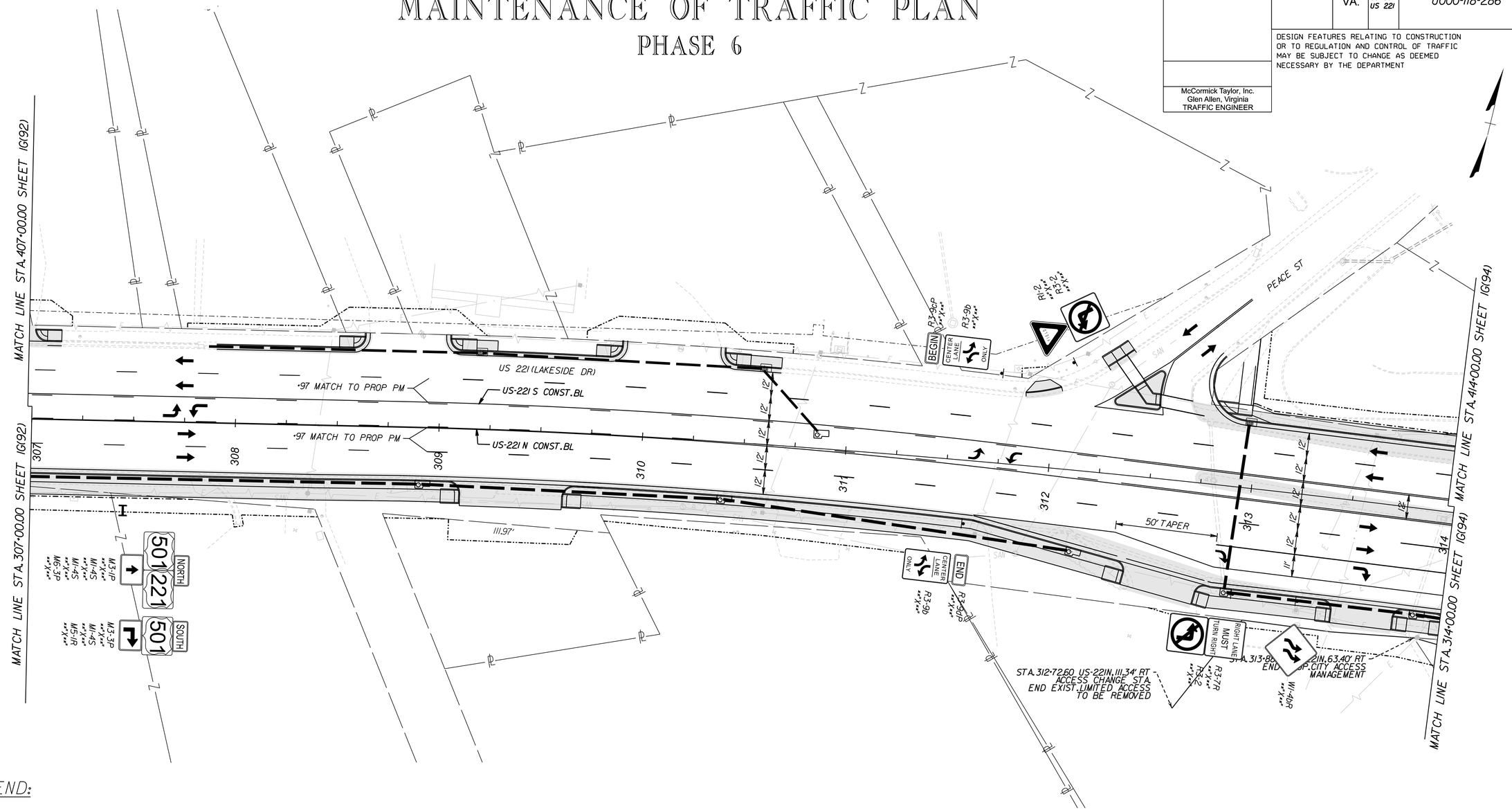
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(93)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 6



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 221 UNLESS OTHERWISE NOTED.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(93)

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E.(434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc.(804) 340-5229
DESIGN BY McCormick Taylor, Inc.(540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(94)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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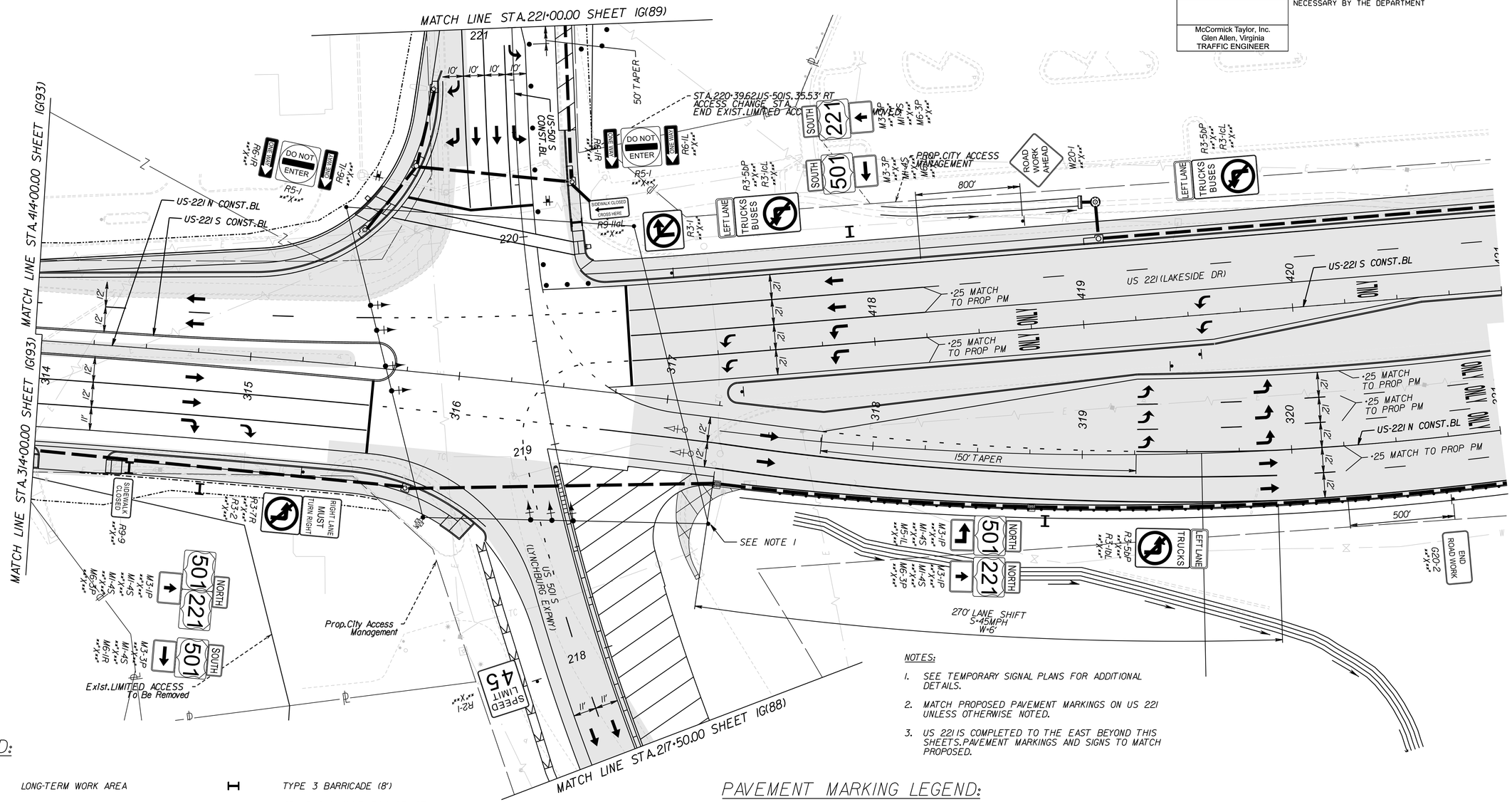
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 6



NOTES:

1. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.
2. MATCH PROPOSED PAVEMENT MARKINGS ON US 221 UNLESS OTHERWISE NOTED.
3. US 221 IS COMPLETED TO THE EAST BEYOND THIS SHEETS. PAVEMENT MARKINGS AND SIGNS TO MATCH PROPOSED.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(94)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 7

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(95)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

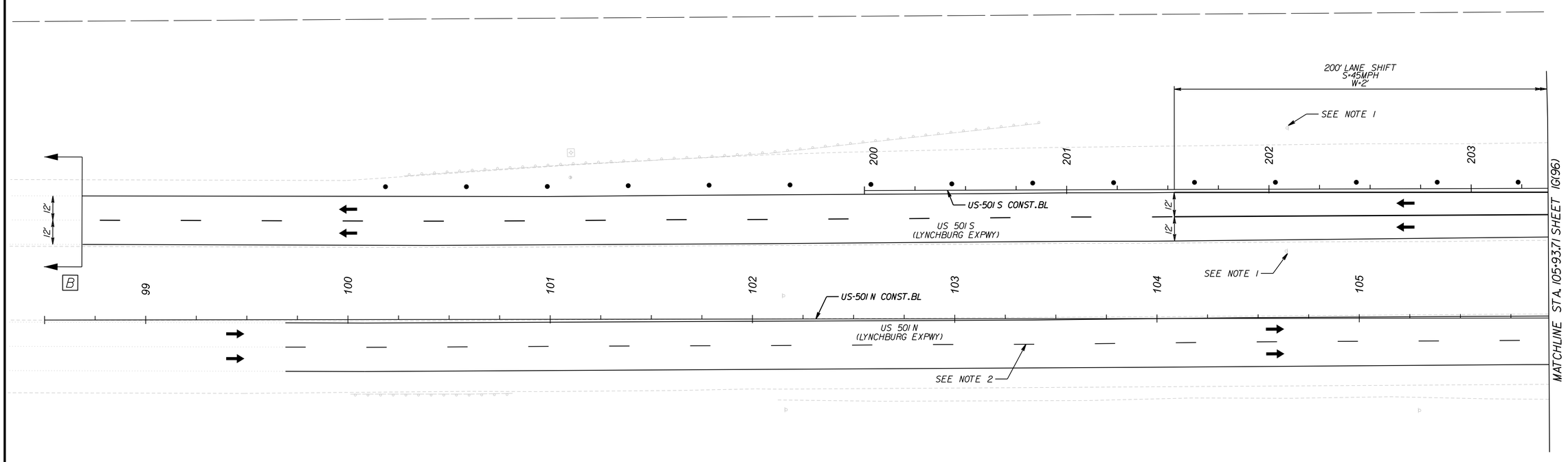
ADDITIONAL EASEMENT FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS

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

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

NOTES:

1. EXISTING 55MPH SPEED LIMIT SIGNS REMAIN COVERED.
2. MATCH PROPOSED PAVEMENT MARKINGS ON US 501 N.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(95)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

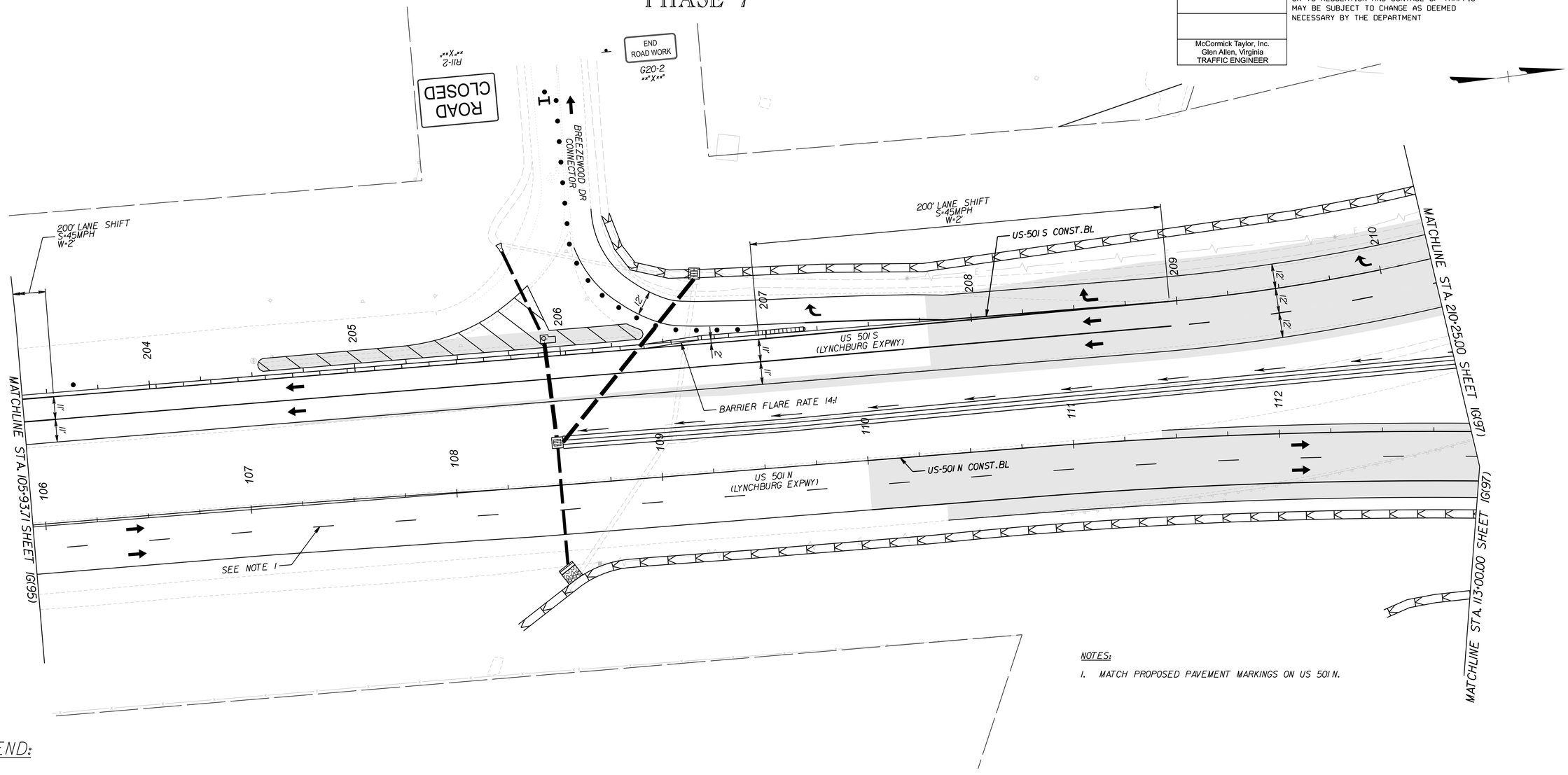
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(96)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN

PHASE 7



NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 501 N.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(96)

ADDITIONAL EASEMENT 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

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Plotted By: DAG

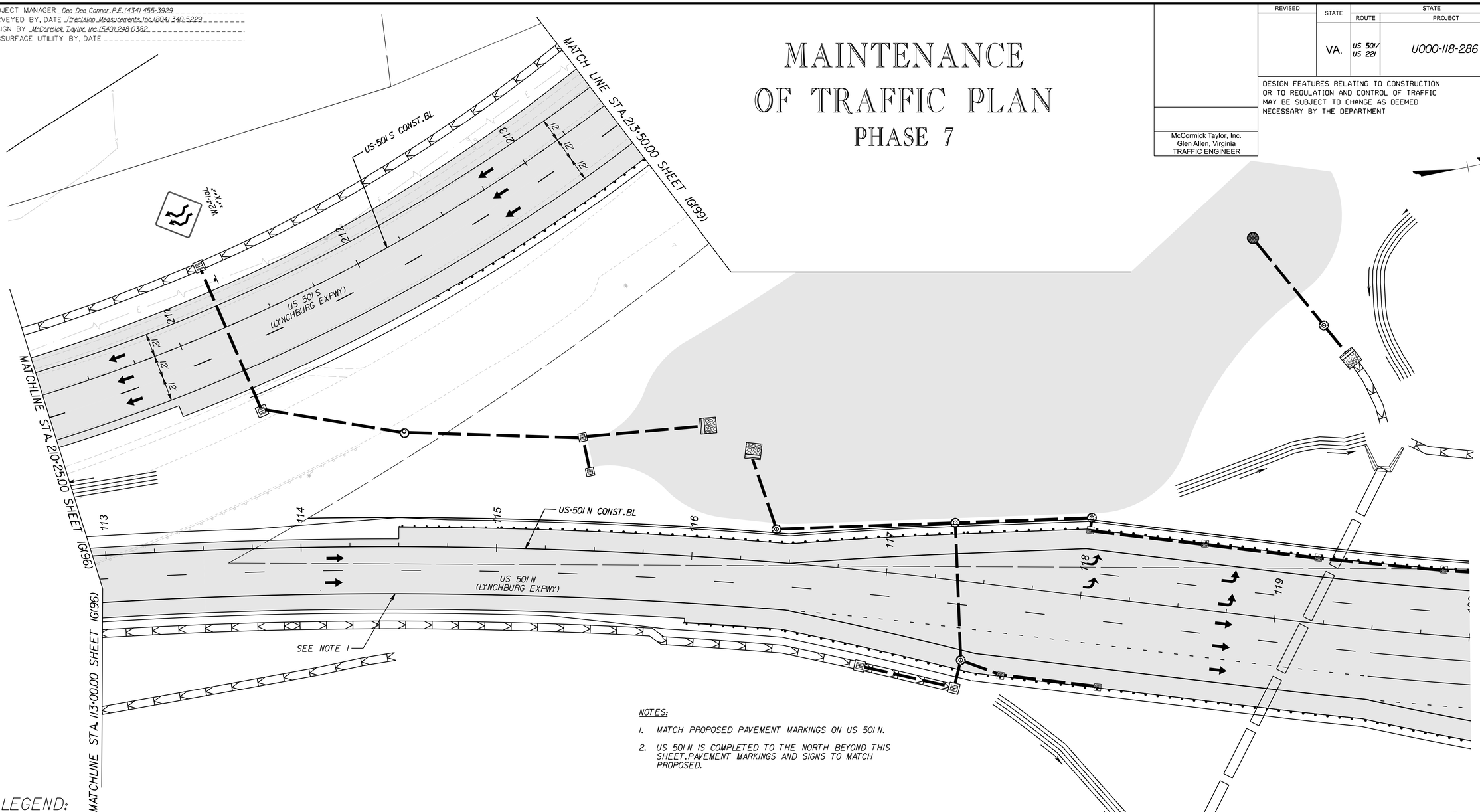
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 7

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(97)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 501 N.
2. US 501 N IS COMPLETED TO THE NORTH BEYOND THIS SHEET. PAVEMENT MARKINGS AND SIGNS TO MATCH PROPOSED.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
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- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(97)

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 7

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G(98)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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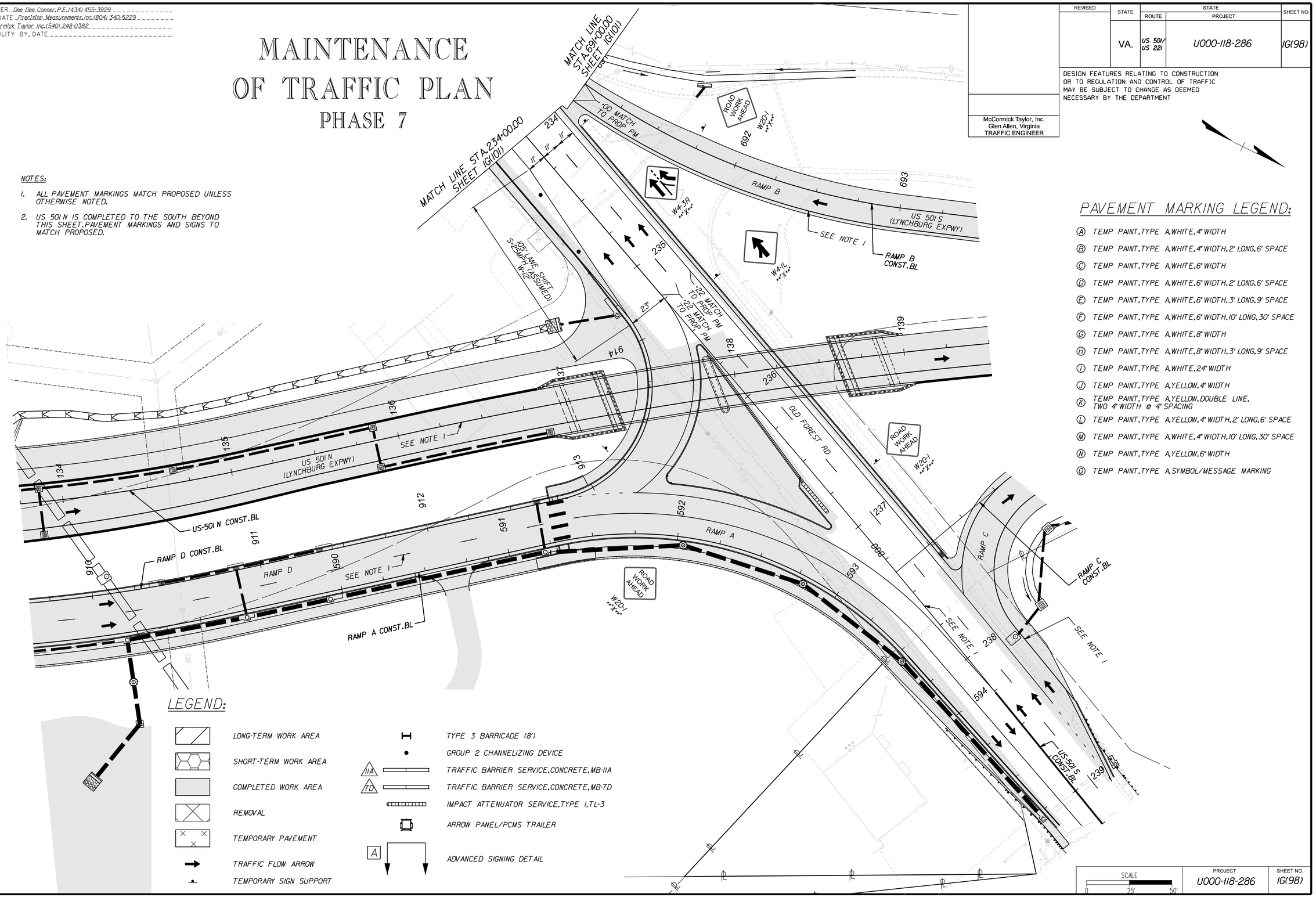
PH PLANS

NOTES:

1. ALL PAVEMENT MARKINGS MATCH PROPOSED UNLESS OTHERWISE NOTED.
2. US 501 N IS COMPLETED TO THE SOUTH BEYOND THIS SHEET. PAVEMENT MARKINGS AND SIGNS TO MATCH PROPOSED.



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- 11A — TRAFFIC BARRIER SERVICE, CONCRETE, MB-11A
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE 1, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(98)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG(99)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN

PHASE 7

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
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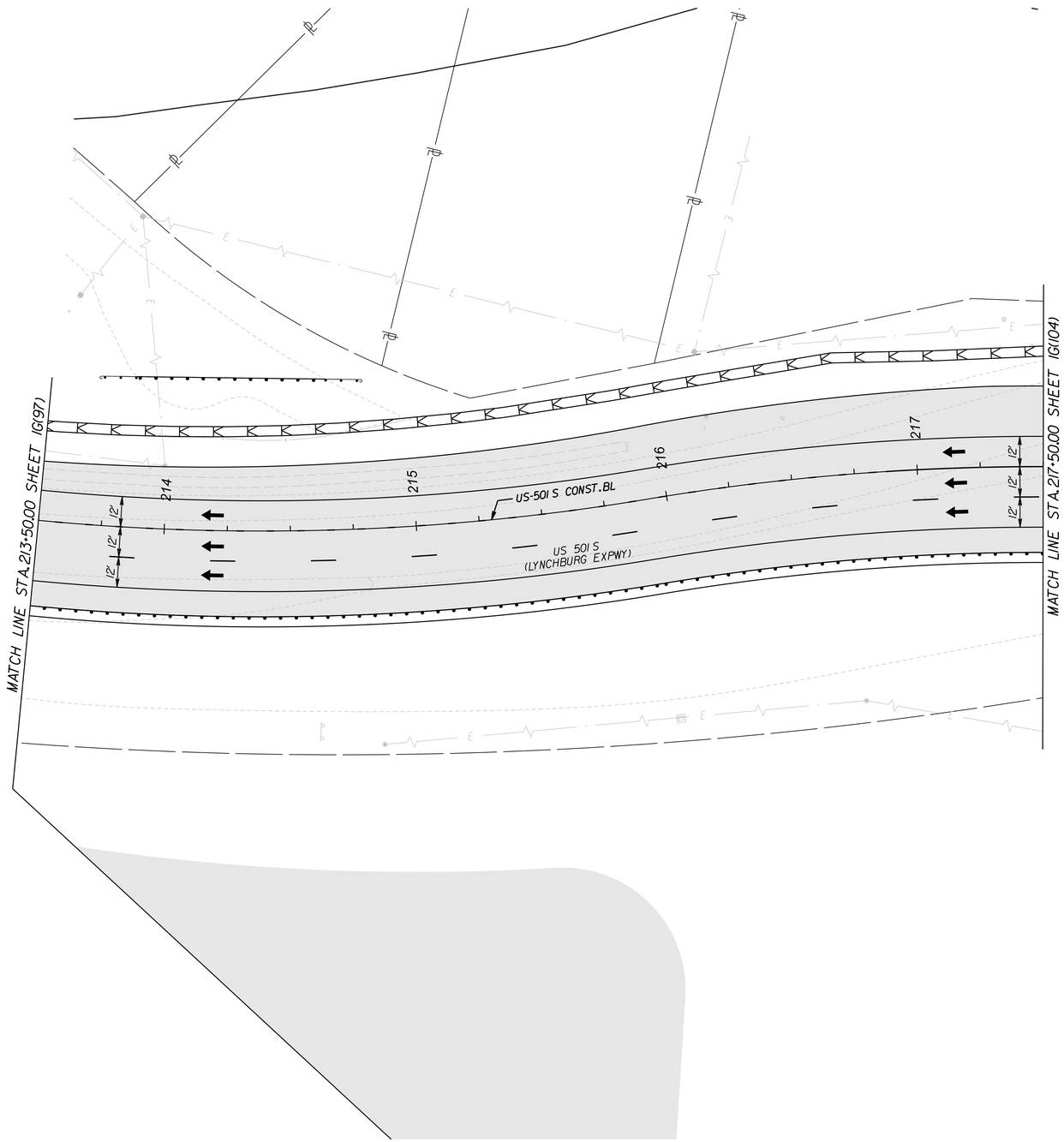
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL



PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
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- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
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- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
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- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 — 25' — 50'	U000-118-286	IG(99)

ADDITIONAL EASEMENT 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

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Plotted By: DAG

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG (100)

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

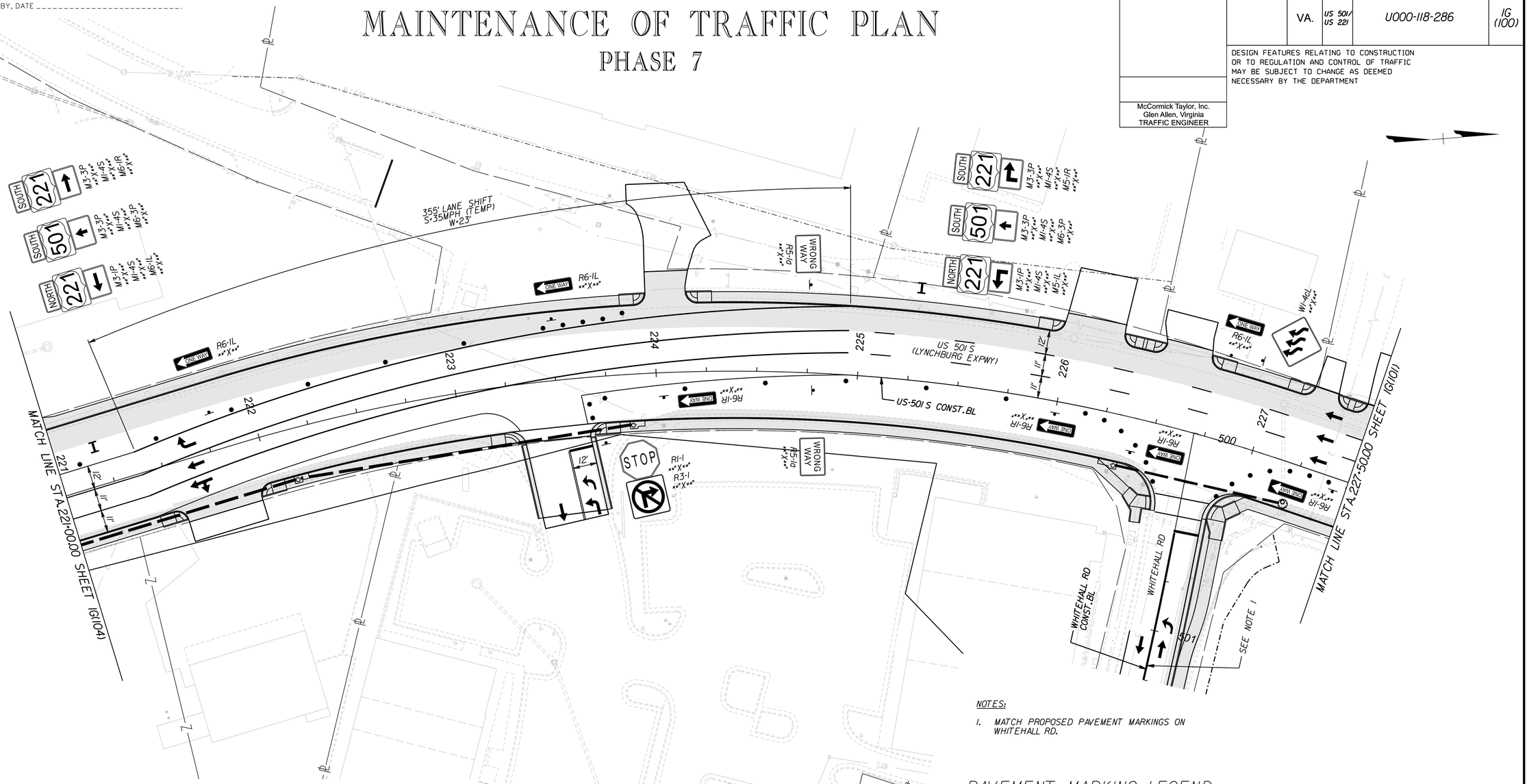
McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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

MAINTENANCE OF TRAFFIC PLAN
PHASE 7



NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON WHITEHALL RD.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
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- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
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- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(100)

8/19/2026
2:58:43 PM

t113116_01G(101).dgn
Plotted By: DAG

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G (101)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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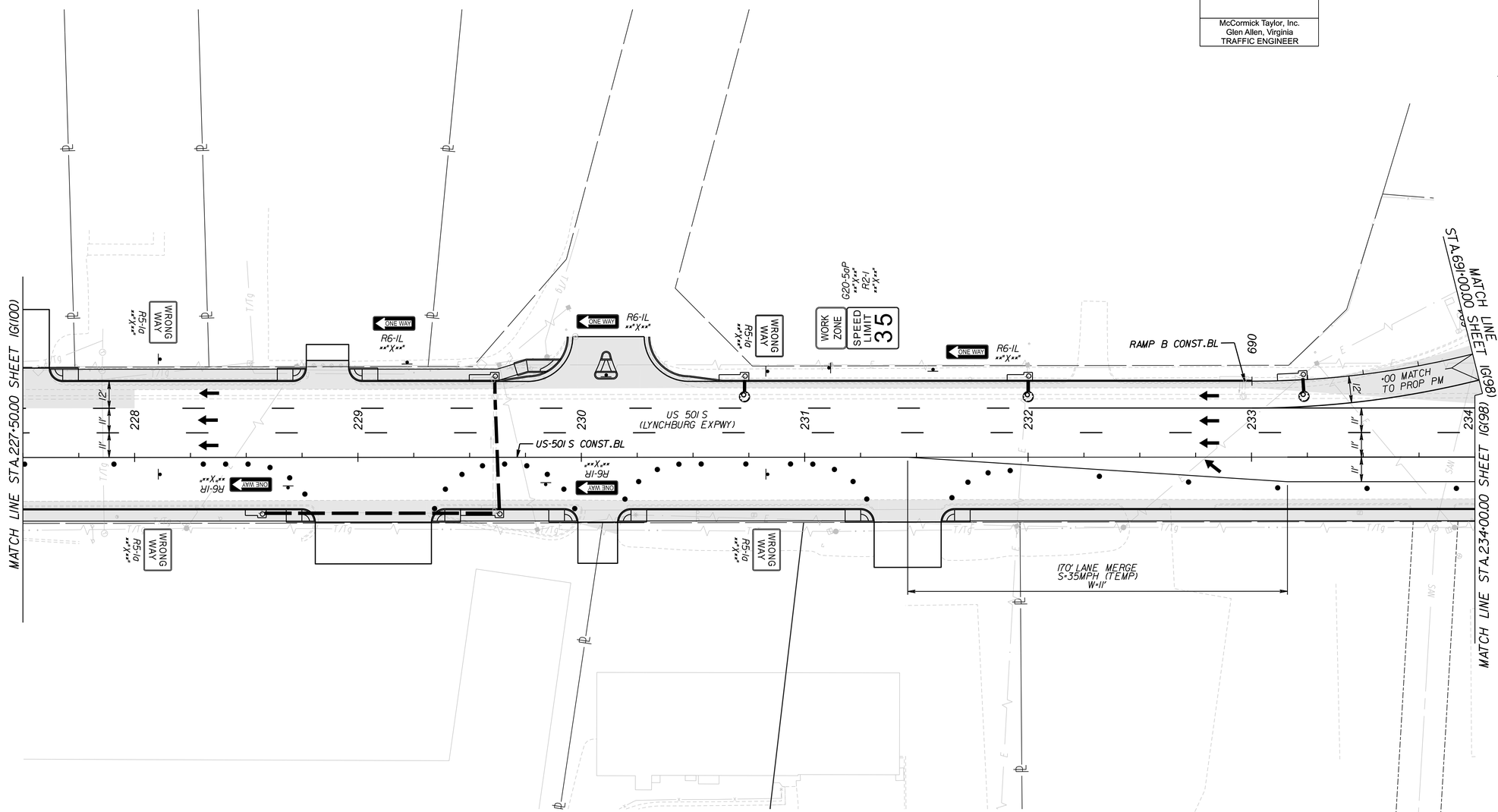
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 7



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(101)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN

PHASE 7

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG (102)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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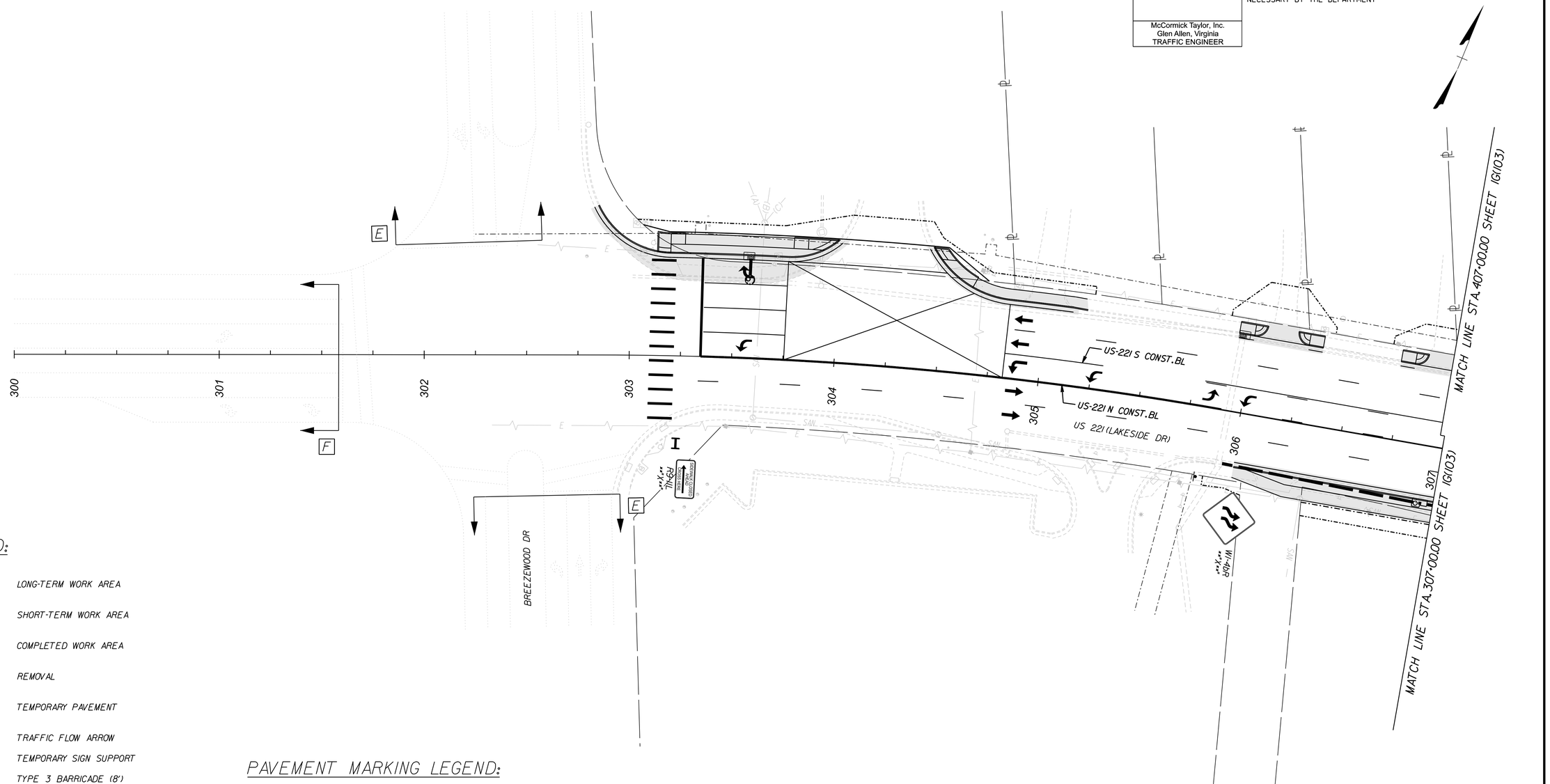
PH PLANS



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE.CONCRETE.MB-IIA
- 7D — TRAFFIC BARRIER SERVICE.CONCRETE.MB-7D
- IMPACT ATTENUATOR SERVICE.TYPE I.TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT.TYPE A.WHITE.4" WIDTH
- (B) TEMP PAINT.TYPE A.WHITE.4" WIDTH.2' LONG.6' SPACE
- (C) TEMP PAINT.TYPE A.WHITE.6" WIDTH
- (D) TEMP PAINT.TYPE A.WHITE.6" WIDTH.2' LONG.6' SPACE
- (E) TEMP PAINT.TYPE A.WHITE.6" WIDTH.3' LONG.9' SPACE
- (F) TEMP PAINT.TYPE A.WHITE.6" WIDTH.10' LONG.30' SPACE
- (G) TEMP PAINT.TYPE A.WHITE.8" WIDTH
- (H) TEMP PAINT.TYPE A.WHITE.8" WIDTH.3' LONG.9' SPACE
- (I) TEMP PAINT.TYPE A.WHITE.24" WIDTH
- (J) TEMP PAINT.TYPE A.YELLOW.4" WIDTH
- (K) TEMP PAINT.TYPE A.YELLOW.DOUBLE LINE. TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT.TYPE A.YELLOW.4" WIDTH.2' LONG.6' SPACE
- (M) TEMP PAINT.TYPE A.WHITE.4" WIDTH.10' LONG.30' SPACE
- (N) TEMP PAINT.TYPE A.YELLOW.6" WIDTH
- (O) TEMP PAINT.TYPE A.SYMBOL/MESSAGE MARKING

NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 221. INSTALL ALL APPLICABLE PROPOSED SIGNS.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(102)

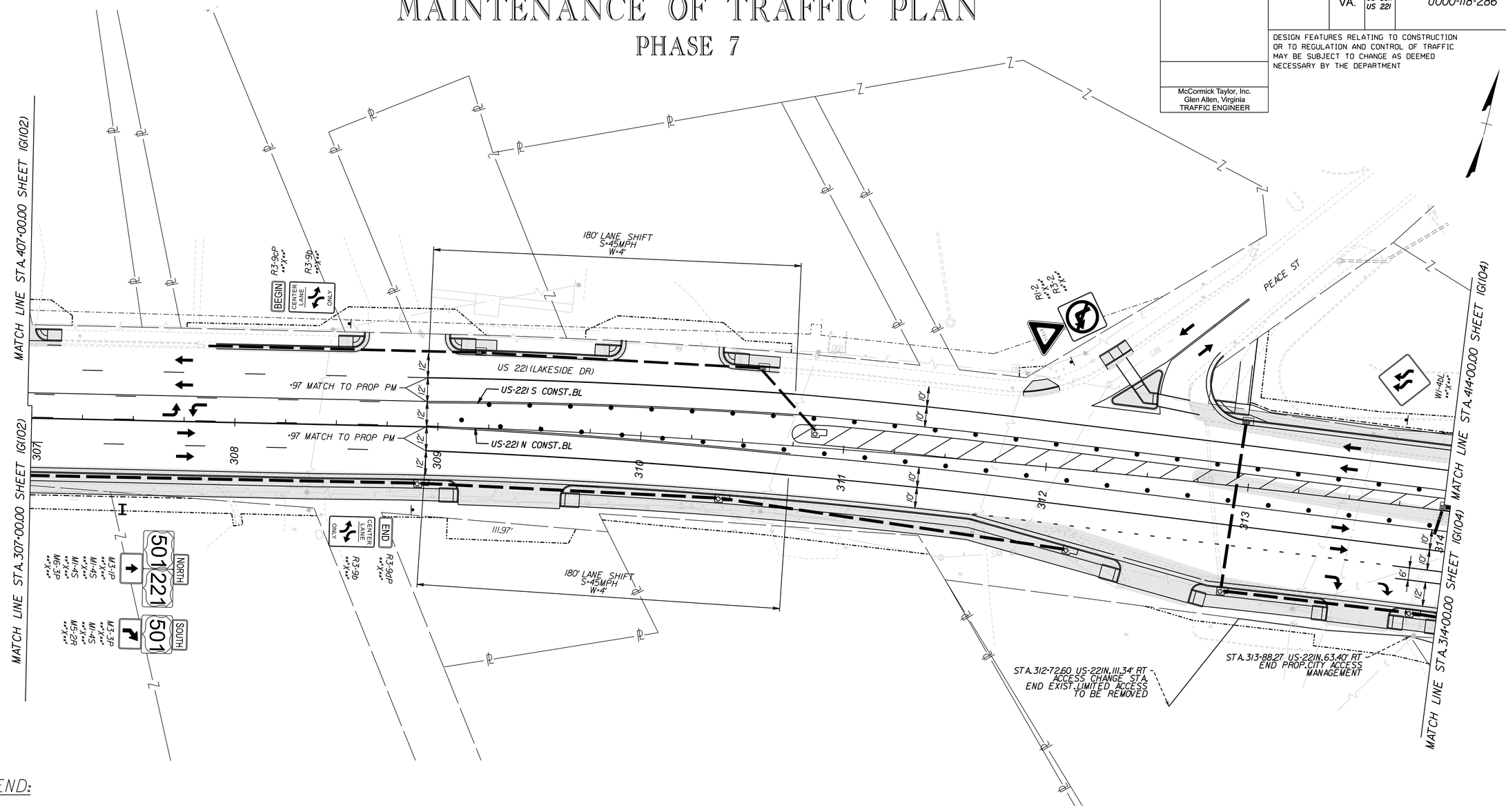
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG (103)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 7



LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
- GROUP 2 CHANNELIZING DEVICE
- IIA — TRAFFIC BARRIER SERVICE, CONCRETE, MB-IIA
- 7D — TRAFFIC BARRIER SERVICE, CONCRETE, MB-7D
- IMPACT ATTENUATOR SERVICE, TYPE I, TL-3
- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
- (B) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 2' LONG, 6' SPACE
- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

NOTES:

1. MATCH PROPOSED PAVEMENT MARKINGS ON US 221 UNLESS OTHERWISE NOTED.

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(103)

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG (104)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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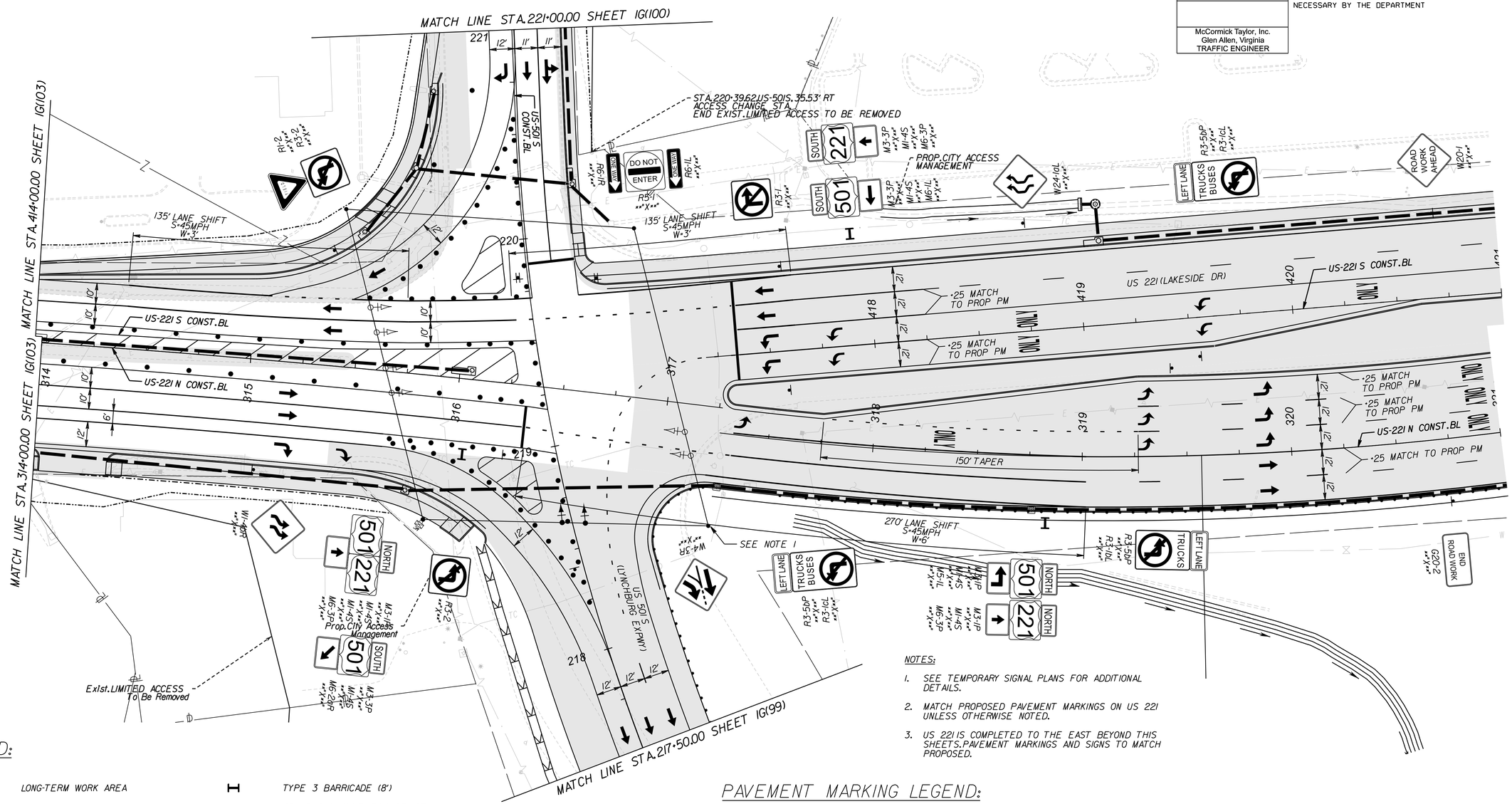
PH PLANS

MAINTENANCE OF TRAFFIC PLAN

PHASE 7



NOTES:

1. SEE TEMPORARY SIGNAL PLANS FOR ADDITIONAL DETAILS.
2. MATCH PROPOSED PAVEMENT MARKINGS ON US 221 UNLESS OTHERWISE NOTED.
3. US 221 IS COMPLETED TO THE EAST BEYOND THIS SHEETS. PAVEMENT MARKINGS AND SIGNS TO MATCH PROPOSED.

LEGEND:

- LONG-TERM WORK AREA
- SHORT-TERM WORK AREA
- COMPLETED WORK AREA
- REMOVAL
- TEMPORARY PAVEMENT
- TRAFFIC FLOW ARROW
- TEMPORARY SIGN SUPPORT
- TYPE 3 BARRICADE (8')
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- ARROW PANEL/PCMS TRAILER
- A — ADVANCED SIGNING DETAIL

PAVEMENT MARKING LEGEND:

- (A) TEMP PAINT, TYPE A, WHITE, 4" WIDTH
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- (C) TEMP PAINT, TYPE A, WHITE, 6" WIDTH
- (D) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 2' LONG, 6' SPACE
- (E) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 3' LONG, 9' SPACE
- (F) TEMP PAINT, TYPE A, WHITE, 6" WIDTH, 10' LONG, 30' SPACE
- (G) TEMP PAINT, TYPE A, WHITE, 8" WIDTH
- (H) TEMP PAINT, TYPE A, WHITE, 8" WIDTH, 3' LONG, 9' SPACE
- (I) TEMP PAINT, TYPE A, WHITE, 24" WIDTH
- (J) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH
- (K) TEMP PAINT, TYPE A, YELLOW, DOUBLE LINE, TWO 4" WIDTH @ 4" SPACING
- (L) TEMP PAINT, TYPE A, YELLOW, 4" WIDTH, 2' LONG, 6' SPACE
- (M) TEMP PAINT, TYPE A, WHITE, 4" WIDTH, 10' LONG, 30' SPACE
- (N) TEMP PAINT, TYPE A, YELLOW, 6" WIDTH
- (O) TEMP PAINT, TYPE A, SYMBOL/MESSAGE MARKING

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(104)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G (105a)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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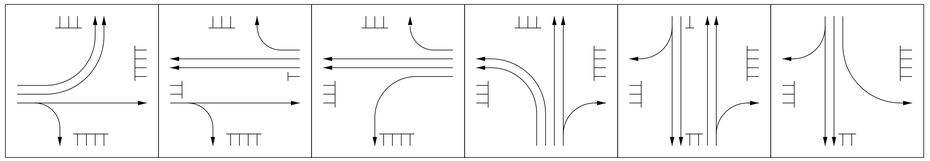
PH PLANS

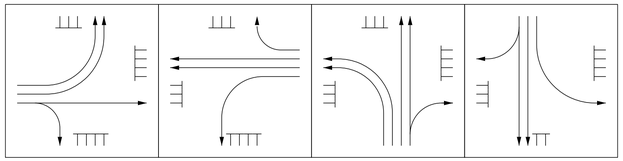
MAINTENANCE OF TRAFFIC PLAN

PHASE 1 TEMPORARY SIGNAL

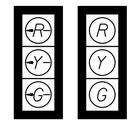
PHASING DIAGRAM



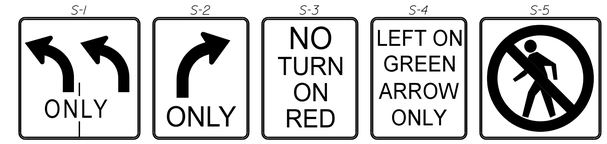
EMERGENCY PHASING DIAGRAM



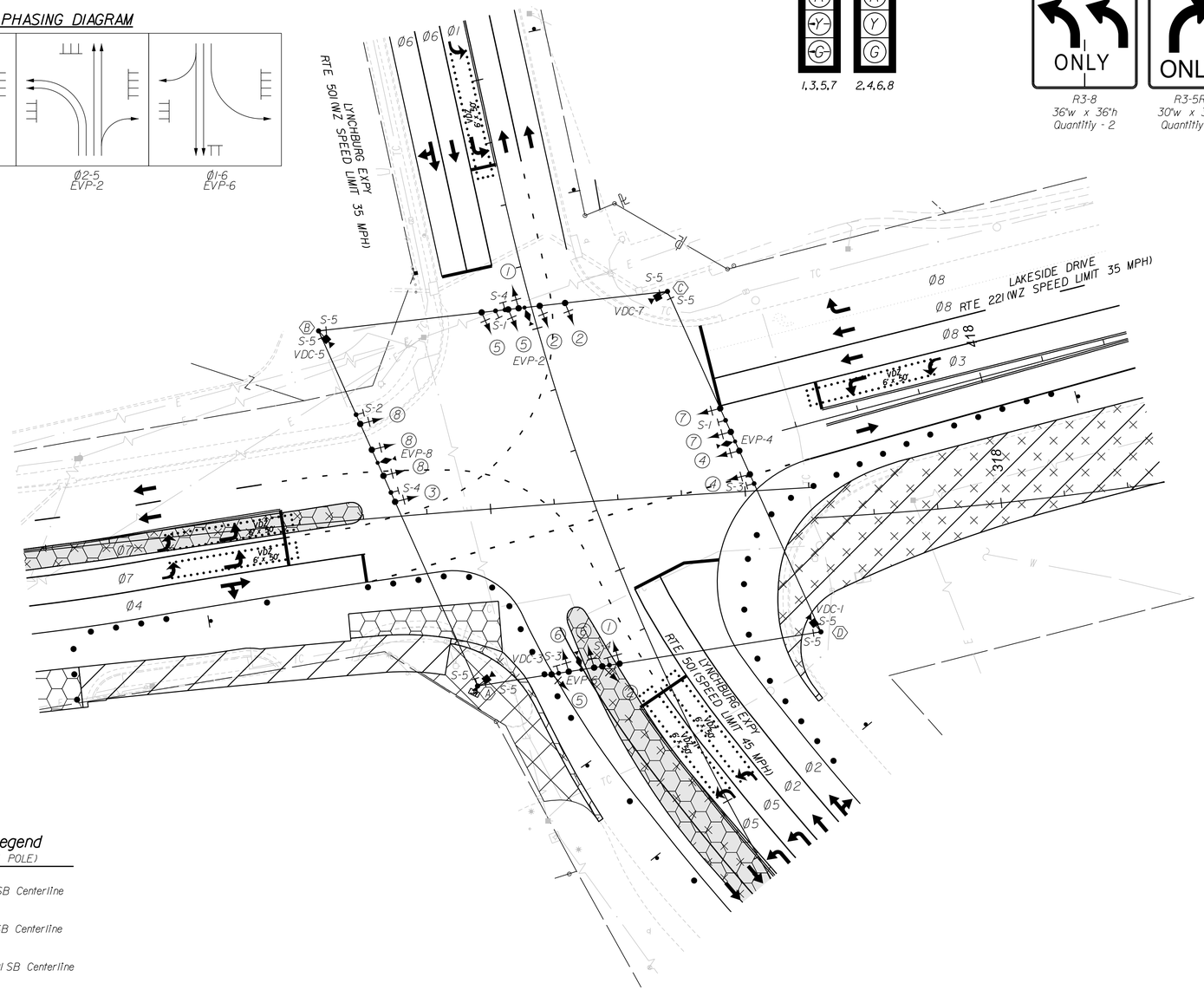
Proposed Signals



Proposed Signs



S-1	S-2	S-3	S-4	S-5
R3-8	R3-5R	R10-11	R10-5	R9-3
36"w x 36"h	30"w x 36"h	30"w x 36"h	30"w x 36"h	18"w x 18"h
Quantity - 2	Quantity - 1	Quantity - 2	Quantity - 3	Quantity - 8



LABELS

Signal Pole or Controller	A
Proposed Signal Head	2
Existing Signal Head	2
Proposed Pedestrian Signal Head	P2
Signal Phasing	Ø2
Pedestrian Phasing	P2
Sign	S-1
Video Detection Camera	VDC-1
Emergency Preemption Detector	EVP-1

Signal Pole & Controller Legend

(ALL DIMENSIONS ARE TO CENTER OF POLE)

(A) SIGNAL POLE WD-2
69' Left of Station 218+80 Route 501 SB Centerline

(B) SIGNAL POLE WD-2
83' Left of Station 220+21 Route 501 SB Centerline

(C) SIGNAL POLE WD-2
53' Right of Station 220+00 Route 501 SB Centerline

(D) SIGNAL POLE WD-2
62' Right of Station 218+44 Route 501 SB Centerline

PLAN ITEM	PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Portable Traffic Control Signal		
Temporary Signal Pole		
Metal Signal Pole & Foundation and Mast Arm (As noted in Signal Pole Legend)		
Pedestal Pole and Foundation (St'd.PF-2)		
Pedestal Pole and Foundation (St'd.PA-3)		
Traffic Signal Head w/ Backplate		
Pedestrian Signal Head		
Pedestrian Pushbutton & Sign	P.B.	P.B.
Traffic Signal Sign — Mast Arm or Span Wire Mt'd.		
Traffic Signal Sign — Pole Mounted		
Traffic Signal Sign — Ground Mounted		
Emergency Vehicle Pre-emption (EVP) Sensor w/ Conf.Light		
Video Detection Camera		
Junction Box (St'd.as noted on plans)		
Video Detection Zone (Size as noted on plans)	VDZ 6'x40'	VDZ 6'x40'
Conduit		
Controller Cabinet Pole Mounted		
Master Controller Cabinet Pole Mounted		
Uninterruptible Power Supply Cabinet		

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(105a)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G (105b)

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McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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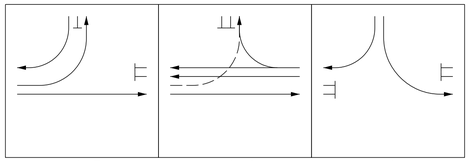
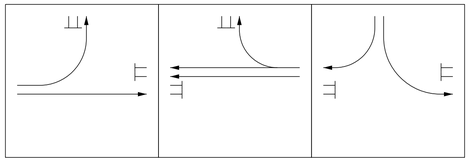
PH PLANS

MAINTENANCE OF TRAFFIC PLAN
PHASE 1 TEMPORARY SIGNAL

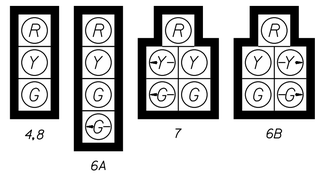
PHASING DIAGRAM



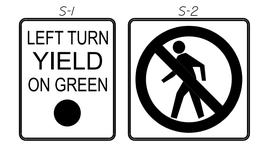
EMERGENCY PHASING DIAGRAM

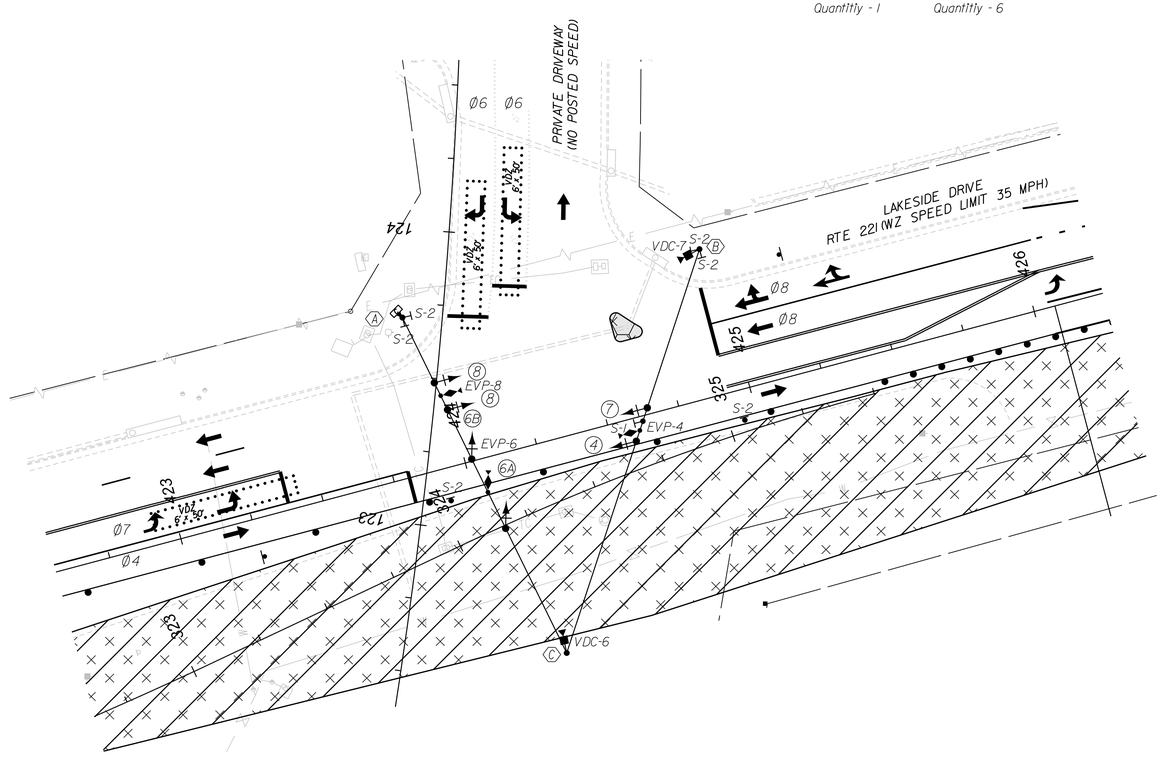


Proposed Signals



Proposed Signs





LABELS

Signal Pole or Controller	A
Proposed Signal Head	2
Existing Signal Head	2
Proposed Pedestrian Signal Head	P2
Signal Phasing	Ø2
Pedestrian Phasing	P2
Sign	S-1
Video Detection Camera	VDC-1
Emergency Preemption Detector	EVP-1

PLAN ITEM	PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Portable Traffic Control Signal		
Temporary Signal Pole		
Metal Signal Pole & Foundation and Mast Arm (As noted in Signal Pole Legend)		
Pedestal Pole and Foundation (St'd.PF-2)		
Pedestal Pole and Foundation (St'd.PA-3)		
Traffic Signal Head w/ Backplate		
Pedestrian Signal Head		
Pedestrian Pushbutton & Sign	P.B.	P.B.
Traffic Signal Sign: Mast Arm or Span Wire Mt'd.		
Traffic Signal Sign: Pole Mounted		
Traffic Signal Sign: Ground Mounted		
Emergency Vehicle Pre-emption (EVP) Sensor w/ Conf.Light		
Video Detection Camera		
Junction Box (St'd.as noted on plans)		
Video Detection Zone (Size as noted on plans)	6'x20'	6'x20'
Conduit		
Controller Cabinet Pole Mounted		
Master Controller Cabinet Pole Mounted		
Uninterruptible Power Supply Cabinet		

Signal Pole & Controller Legend
(ALL DIMENSIONS ARE TO CENTER OF POLE)

(A) SIGNAL POLE WD-2
53' Left of Station 423+92 Route 221 S Centerline

(B) SIGNAL POLE WD-2
50' Left of Station 424+17 Route 221 S Centerline

(C) SIGNAL POLE WD-2
71' Right of Station 424+96 Route 221 S Centerline

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	1G(105b)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 1 TEMPORARY SIGNAL

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG (105c)

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McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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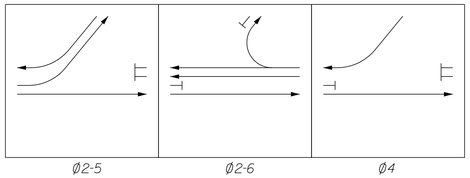
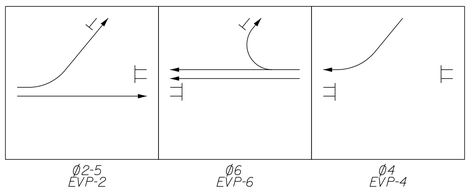
PH PLANS

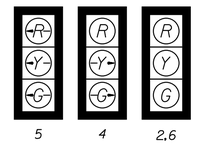
PHASING DIAGRAM



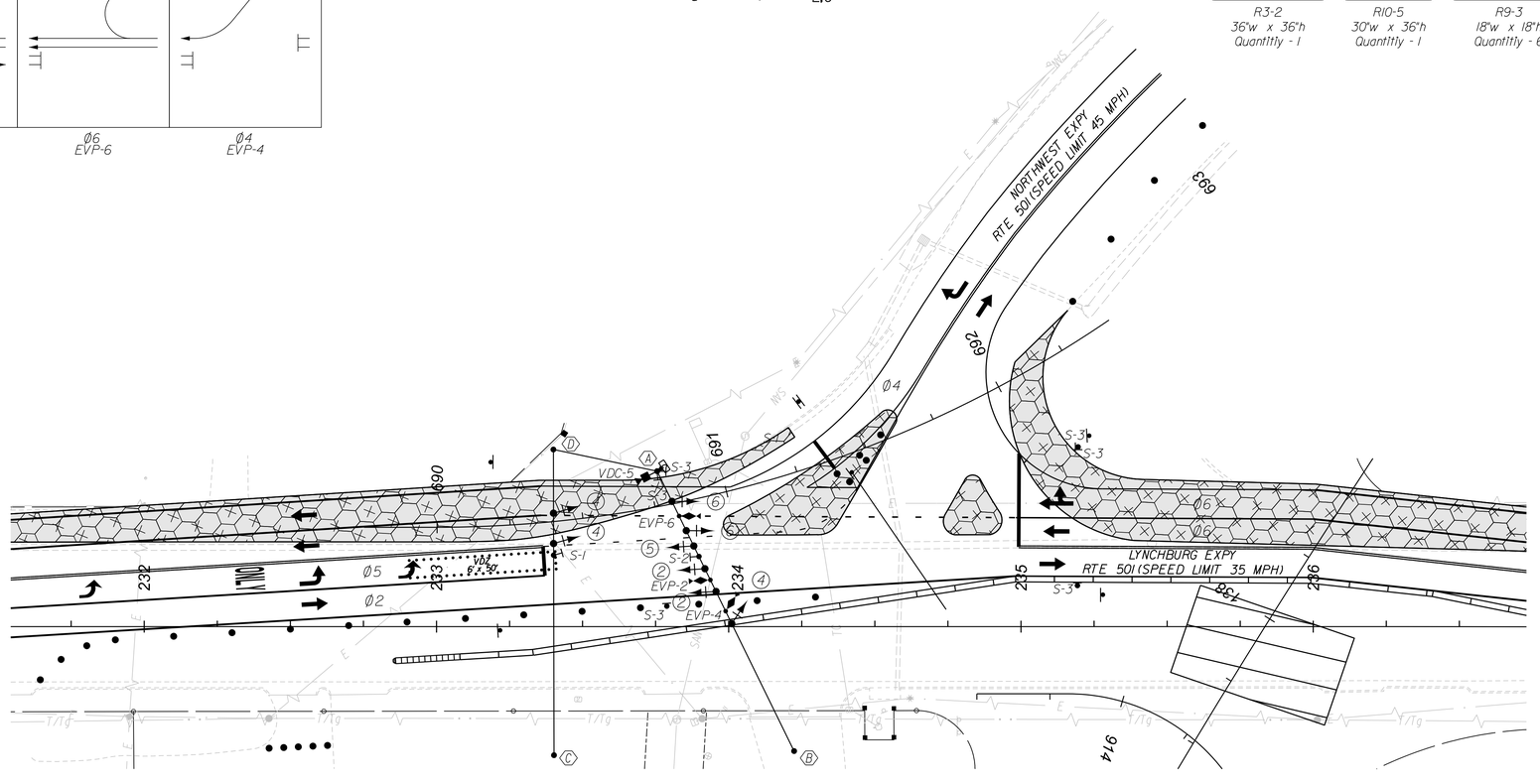
EMERGENCY PHASING DIAGRAM



Proposed Signals



Proposed Signs



LABELS

Signal Pole or Controller	A
Proposed Signal Head	2
Existing Signal Head	2
Proposed Pedestrian Signal Head	P2
Signal Phasing	Ø2
Pedestrian Phasing	P2
Sign	S-1
Video Detection Camera	VDC-1
Emergency Preemption Detector	EVP-1

PLAN ITEM	PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Portable Traffic Control Signal		
Temporary Signal Pole		
Metal Signal Pole & Foundation and Mast Arm (As noted in Signal Pole Legend)		
Pedestal Pole and Foundation (St'd.PF-2)		
Pedestal Pole and Foundation (St'd.PA-3)		
Traffic Signal Head w/ Backplate		
Pedestrian Signal Head		
Pedestrian Pushbutton & Sign	P.B.	P.B.
Traffic Signal Sign — Mast Arm or Span Wire Mt'd.		
Traffic Signal Sign — Pole Mounted		
Traffic Signal Sign — Ground Mounted		
Emergency Vehicle Pre-emption (EVP) Sensor w/ Conf. Light		
Video Detection Camera		
Junction Box (St'd.as noted on plans)		
Video Detection Zone (Size as noted on plans)	VDZ 6'x50'	VDZ 6'x50'
Conduit		
Controller Cabinet Pole Mounted		
Master Controller Cabinet Pole Mounted		
Uninterruptible Power Supply Cabinet		

Signal Pole & Controller Legend
(ALL DIMENSIONS ARE TO CENTER OF POLE)

(A) SIGNAL POLE WD-2
53' Left of Station 233+75.5 Route 501 SB Centerline

(B) SIGNAL POLE WD-2
43' Right of Station 234+22 Route 501 SB Centerline

(C) SIGNAL POLE WD-2
44' Right of Station 233+40 Route 501 SB Centerline

(D) SIGNAL POLE WD-2
60.5' Left of Station 233+40 Route 501 SB Centerline

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(105c)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

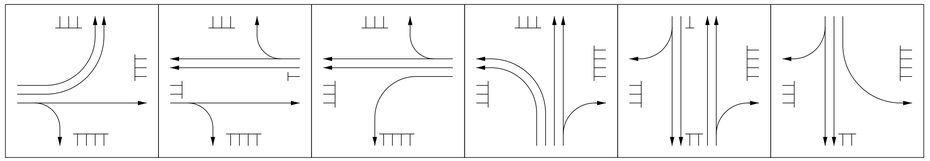
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG (106a)

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

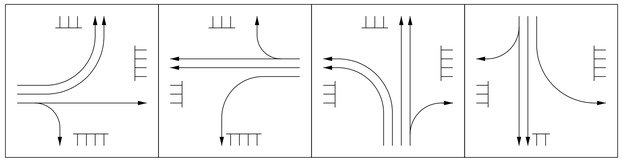
McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 2 TEMPORARY SIGNAL

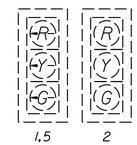
PHASING DIAGRAM



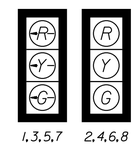
EMERGENCY PHASING DIAGRAM



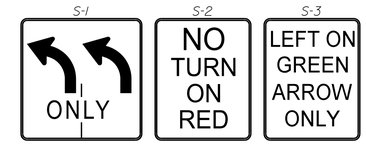
Existing Signals



Proposed Signals



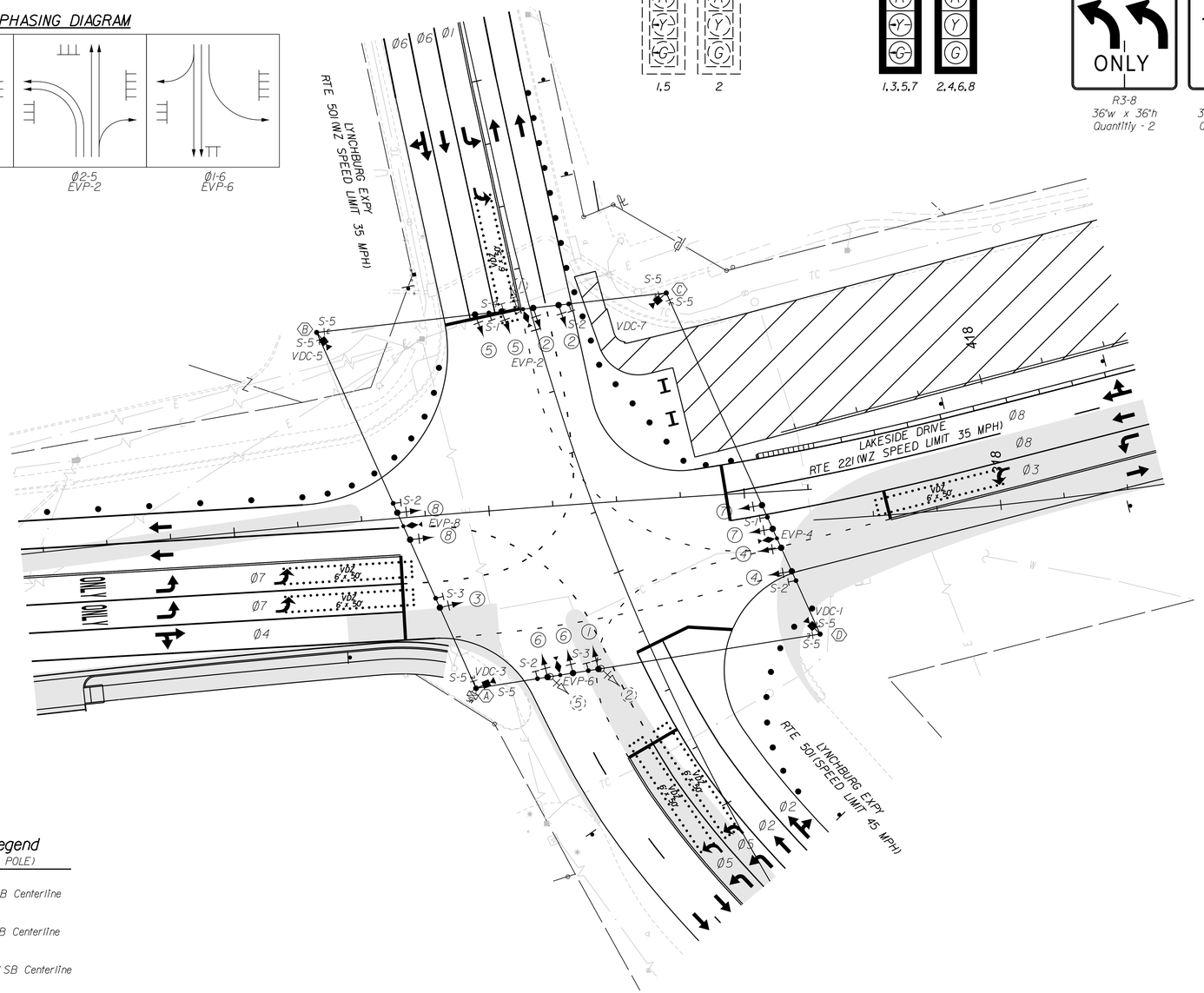
Proposed Signs



S-1	S-2	S-3
R3-8	R10-11	R10-5
36"w x 36"h	30"w x 36"h	30"w x 36"h
Quantitly - 2	Quantitly - 4	Quantitly - 2

Existing Signs

S-4	S-5
R10-5	R9-3
30"w x 36"h	18"w x 18"h
Quantitly - 1	Quantitly - 8



LABELS

Signal Pole or Controller	A
Proposed Signal Head	2
Existing Signal Head	2
Proposed Pedestrian Signal Head	P2
Signal Phasing	Ø2
Pedestrian Phasing	P2
Sign	S-1
Video Detection Camera	VDC-1
Emergency Preemption Detector	EVP-1

Signal Pole & Controller Legend
(ALL DIMENSIONS ARE TO CENTER OF POLE)

(A) SIGNAL POLE WD-2
69' Left of Station 218+80 Route 501 SB Centerline

(B) SIGNAL POLE WD-2
83' Left of Station 220+21 Route 501 SB Centerline

(C) SIGNAL POLE WD-2
53' Right of Station 220+00 Route 501 SB Centerline

(D) SIGNAL POLE WD-2
62' Right of Station 218+44 Route 501 SB Centerline

PLAN ITEM	PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Portable Traffic Control Signal		
Temporary Signal Pole		
Metal Signal Pole & Foundation and Mast Arm (As noted in Signal Pole Legend)		
Pedestal Pole and Foundation (St'd.PF-2)		
Pedestal Pole and Foundation (St'd.PA-3)		
Traffic Signal Head w/ Backplate		
Pedestrian Signal Head		
Pedestrian Pushbutton & Sign	P.B.	P.B.
Traffic Signal Sign — Mast Arm or Span Wire Mt'd.		
Traffic Signal Sign — Pole Mounted		
Traffic Signal Sign — Ground Mounted		
Emergency Vehicle Pre-emption (EVP) Sensor w/ Conf.Light		
Video Detection Camera		
Junction Box (St'd.as noted on plans)	J	
Video Detection Zone (Size as noted on plans)	VDZ	VDZ
Conduit		
Controller Cabinet Pole Mounted		
Master Controller Cabinet Pole Mounted		
Uninterruptible Power Supply Cabinet		

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(106a)

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

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

PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 2, 3 AND 4 TEMPORARY SIGNAL

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G (106b)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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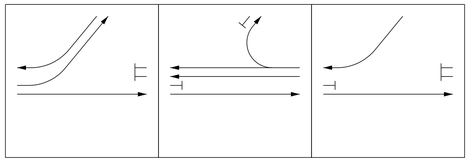
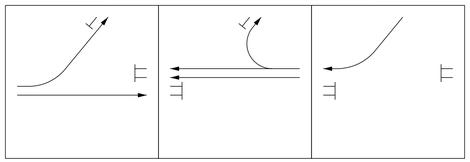
PH PLANS

PHASING DIAGRAM

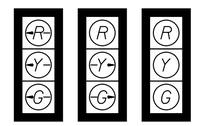


EMERGENCY PHASING DIAGRAM

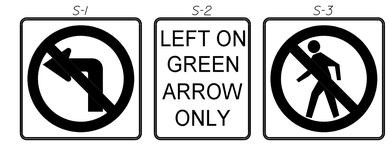


Existing Signals

Proposed Signals



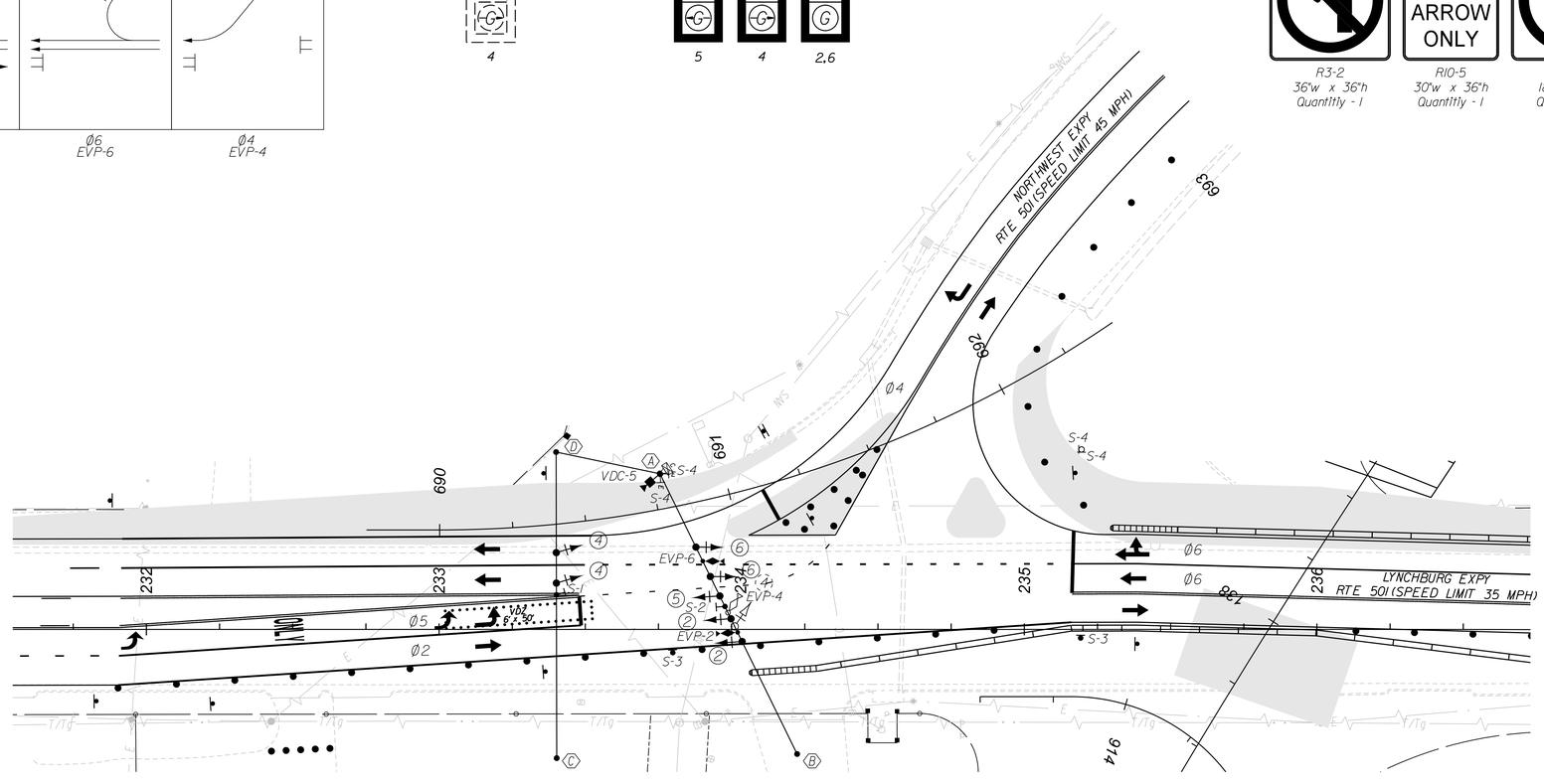
Proposed Signs



R3-2 36"w x 36"h Quantitly - 1
R10-5 30"w x 36"h Quantitly - 1
R9-3 18"w x 18"h Quantitly - 2

Existing Signs

R9-3 18"w x 18"h Quantitly - 4



LABELS

Signal Pole or Controller	A
Proposed Signal Head	2
Existing Signal Head	2
Proposed Pedestrian Signal Head	P2
Signal Phasing	Ø2
Pedestrian Phasing	P2
Sign	S-1
Video Detection Camera	VDC-1
Emergency Preemption Detector	EVP-1

PLAN ITEM	PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Portable Traffic Control Signal		
Temporary Signal Pole		
Metal Signal Pole & Foundation and Mast Arm (As noted in Signal Pole Legend)		
Pedestal Pole and Foundation (St'd.PF-2)		
Pedestal Pole and Foundation (St'd.PA-3)		
Traffic Signal Head w/ Backplate		
Pedestrian Signal Head		
Pedestrian Pushbutton & Sign	P.B.	P.B.
Traffic Signal Sign — Mast Arm or Span Wire Mt'd.		
Traffic Signal Sign — Pole Mounted		
Traffic Signal Sign — Ground Mounted		
Emergency Vehicle Pre-emption (EVP) Sensor w/ Conf.Light		
Video Detection Camera		
Junction Box (St'd.as noted on plans)		
Video Detection Zone (Size as noted on plans)	VDZ 8'x30'	VDZ 8'x30'
Conduit		
Controller Cabinet Pole Mounted	C	C
Master Controller Cabinet Pole Mounted	MC	MC
Uninterruptible Power Supply Cabinet		

Signal Pole & Controller Legend
(ALL DIMENSIONS ARE TO CENTER OF POLE)

(A) SIGNAL POLE WD-2
53' Left of Station 233+75.5 Route 501 SB Centerline

(B) SIGNAL POLE WD-2
43' Right of Station 234+22 Route 501 SB Centerline

(C) SIGNAL POLE WD-2
44' Right of Station 233+40 Route 501 SB Centerline

(D) SIGNAL POLE WD-2
60.5' Left of Station 233+40 Route 501 SB Centerline

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(106b)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

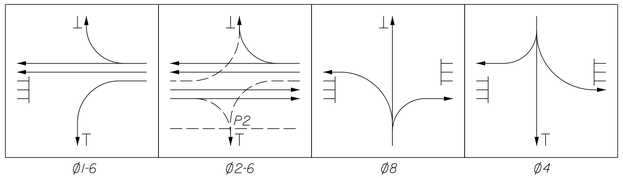
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G (106c)

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

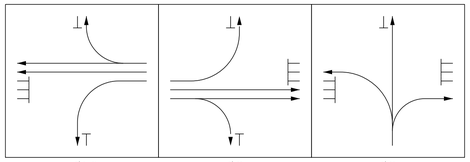
McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

MAINTENANCE OF TRAFFIC PLAN
PHASE 2, 3 AND 4 TEMPORARY SIGNAL

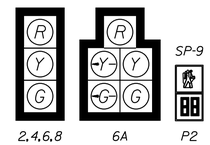
PHASING DIAGRAM



EMERGENCY PHASING DIAGRAM

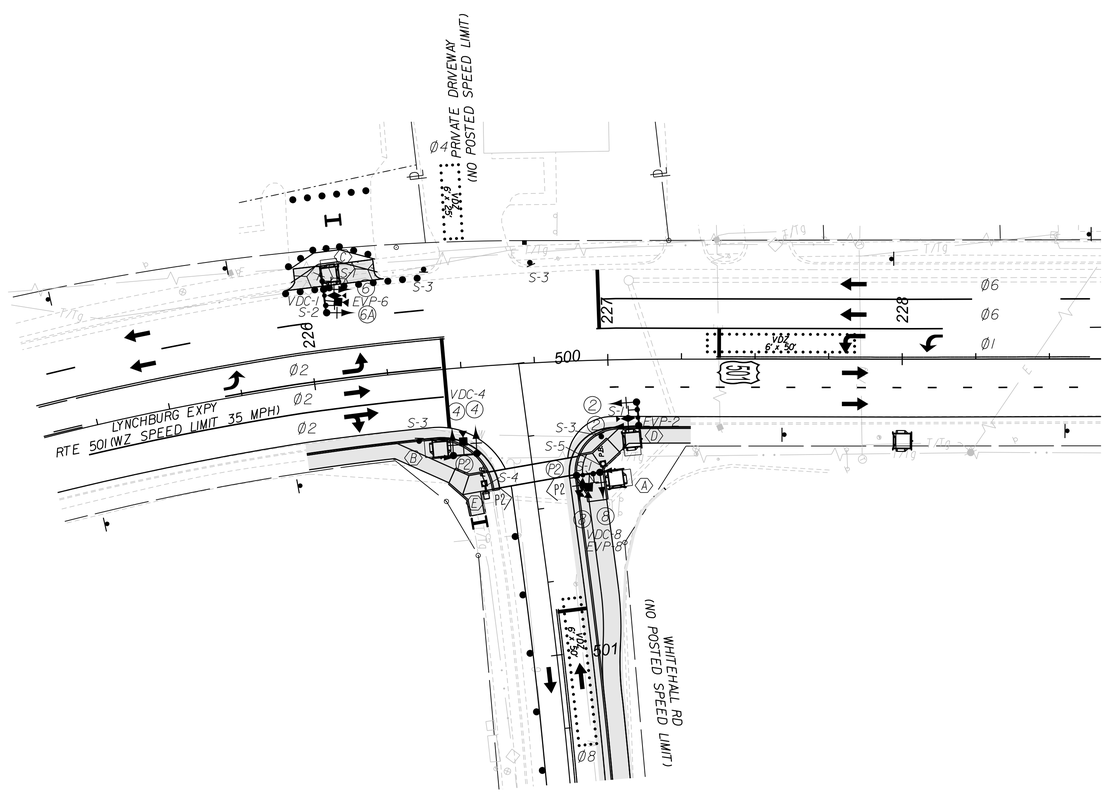


Proposed Signals



Proposed Signs

S-1	S-2	S-3	S-4	S-5
R10-11	R10-12	R9-3	R10-3e L	R10-3e R
30"w x 36"h	30"w x 36"h	18"w x 18"h	9"w x 15"h	9"w x 15"h
Quantitly - 2	Quantitly - 1	Quantitly - 4	Quantitly - 1	Quantitly - 1



LABELS

Signal Pole or Controller	A
Proposed Signal Head	2
Existing Signal Head	2
Proposed Pedestrian Signal Head	P2
Signal Phasing	Ø2
Pedestrian Phasing	P2
Sign	S-1
Video Detection Camera	VDC-1
Emergency Preemption Detector	EVP-1

Signal Pole & Controller Legend
(ALL DIMENSIONS ARE TO CENTER OF POLE)

A Portable Traffic Control Signal
37' Rightt of Station 227+02 Route 501 SB Centerline

B Portable Traffic Control Signal
30' Rightt of Station 226+41 Route 501 SB Centerline

C Portable Traffic Control Signal
36' Left of Station 226+07 Route 501 SB Centerline

D Portable Traffic Control Signal
27' Rightt of Station 227+11 Route 501 SB Centerline

E Portable Traffic Control Signal
37' Rightt of Station 226+55 Route 501 SB Centerline

PLAN ITEM	PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Portable Traffic Control Signal		
Temporary Signal Pole		
Metal Signal Pole & Foundation and Mast Arm (As noted in Signal Pole Legend)		
Pedestal Pole and Foundation (St'd.PF-2)		
Pedestal Pole and Foundation (St'd.PA-3)		
Traffic Signal Head w/ Backplate		
Pedestrian Signal Head		
Pedestrian Pushbutton & Sign	P.B.	P.B.
Traffic Signal Sign — Mast Arm or Span Wire Mt'd.		
Traffic Signal Sign — Pole Mounted		
Traffic Signal Sign — Ground Mounted		
Emergency Vehicle Pre-emption (EVP) Sensor w/ Conf.Light		
Video Detection Camera		
Junction Box (St'd.as noted on plans)		
Video Detection Zone (Size as noted on plans)	VDZ 6'x30'	VDZ 6'x30'
Conduit		
Controller Cabinet Pole Mounted		
Master Controller Cabinet Pole Mounted		
Uninterruptible Power Supply Cabinet		

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	1G(106c)

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG (107)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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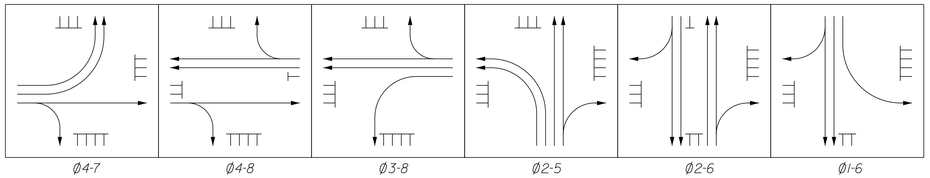
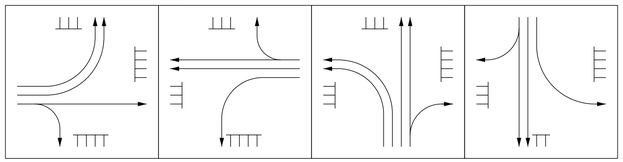
PH PLANS

MAINTENANCE OF TRAFFIC PLAN
PHASE 3 TEMPORARY SIGNAL

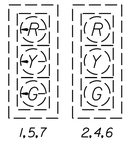
PHASING DIAGRAM



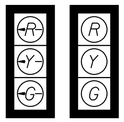
EMERGENCY PHASING DIAGRAM



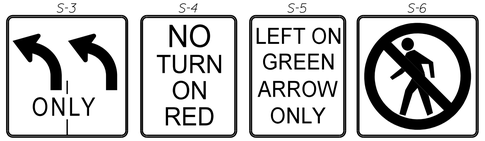
Existing Signals



Proposed Signals

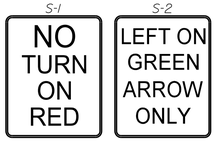


Existing Signs



S-3	S-4	S-5	S-6
R3-8	R10-11	R10-5	R9-3
36"w x 36"h	30"w x 36"h	30"w x 36"h	18"w x 18"h
Quantitiy - 2	Quantitiy - 3	Quantitiy - 2	Quantitiy - 8

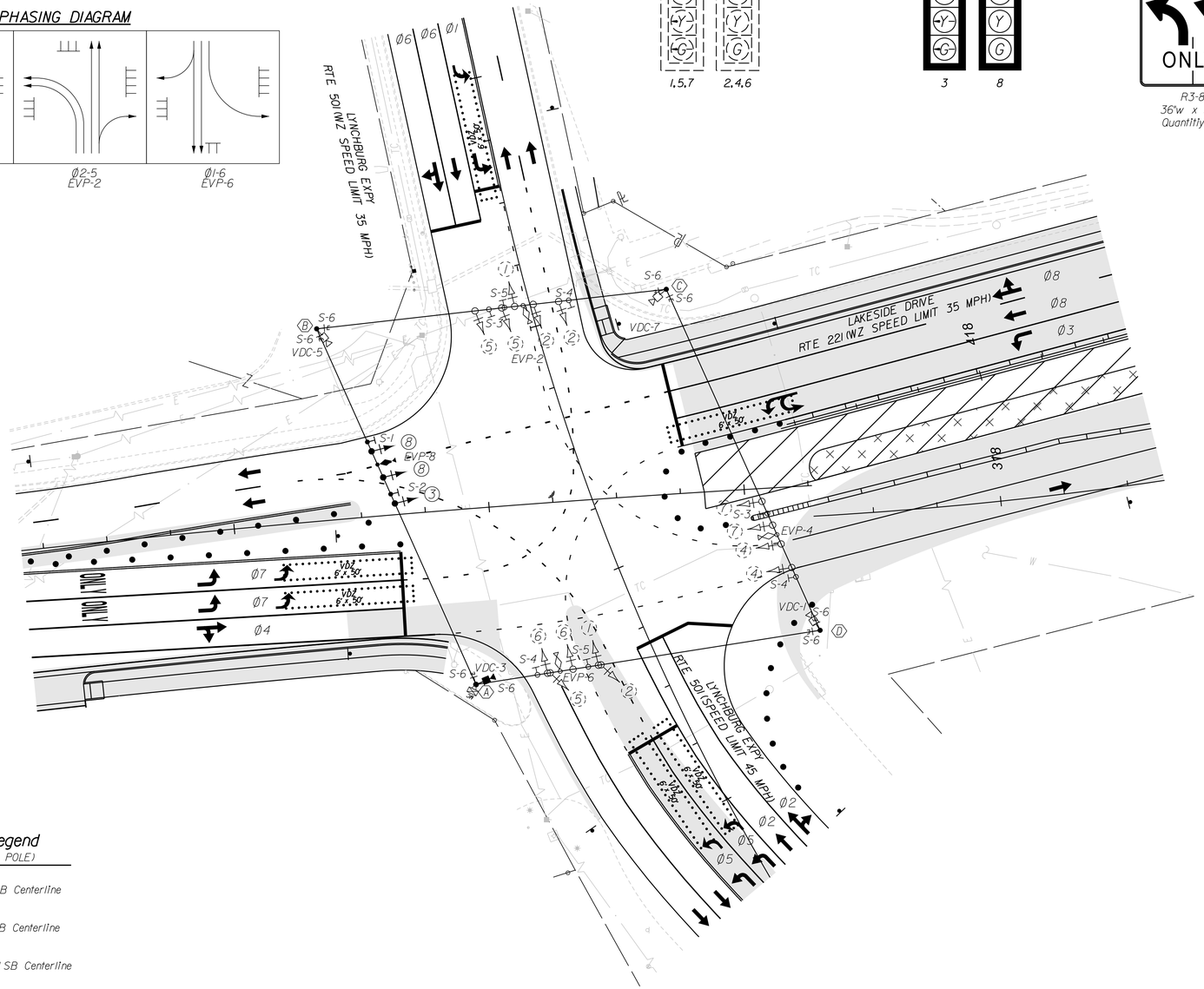
Proposed Signs



S-1	S-2
R10-11	R10-5
30"w x 36"h	30"w x 36"h
Quantitiy - 1	Quantitiy - 1

LABELS

Signal Pole or Controller	A
Proposed Signal Head	2
Existing Signal Head	2
Proposed Pedestrian Signal Head	P2
Signal Phasing	Ø2
Pedestrian Phasing	P2
Sign	S-1
Video Detection Camera	VDC-1
Emergency Preemption Detector	EVP-1



Signal Pole & Controller Legend
(ALL DIMENSIONS ARE TO CENTER OF POLE)

(A) SIGNAL POLE WD-2
69' Left of Station 218+80 Route 501 SB Centerline

(B) SIGNAL POLE WD-2
83' Left of Station 220+21 Route 501 SB Centerline

(C) SIGNAL POLE WD-2
53' Right of Station 220+00 Route 501 SB Centerline

(D) SIGNAL POLE WD-2
62' Right of Station 218+44 Route 501 SB Centerline

PLAN ITEM	PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Portable Traffic Control Signal		
Temporary Signal Pole		
Metal Signal Pole & Foundation and Mast Arm (As noted in Signal Pole Legend)		
Pedestal Pole and Foundation (St'd.PF-2)		
Pedestal Pole and Foundation (St'd.PA-3)		
Traffic Signal Head w/ Backplate		
Pedestrian Signal Head		
Pedestrian Pushbutton & Sign	P.B.	P.B.
Traffic Signal Sign — Mast Arm or Span Wire Mt'd.		
Traffic Signal Sign — Pole Mounted		
Traffic Signal Sign — Ground Mounted		
Emergency Vehicle Pre-emption (EVP) Sensor w/ Conf.Light		
Video Detection Camera		
Junction Box (St'd.as noted on plans)		
Video Detection Zone (Size as noted on plans)	VDZ 6'x30'	VDZ 6'x30'
Conduit		
Controller Cabinet Pole Mounted		
Master Controller Cabinet Pole Mounted		
Uninterruptible Power Supply Cabinet		

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	IG(107)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG (108)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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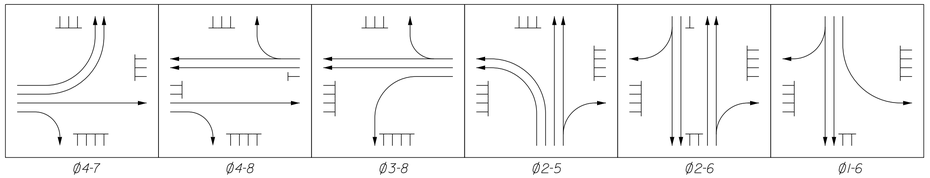
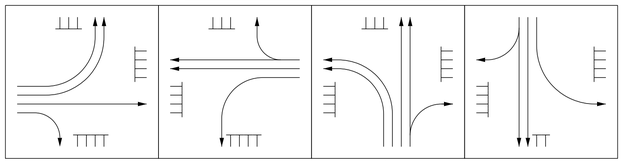
PH PLANS

MAINTENANCE OF TRAFFIC PLAN
PHASE 4 TEMPORARY SIGNAL

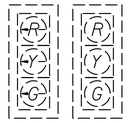
PHASING DIAGRAM



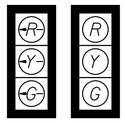
EMERGENCY PHASING DIAGRAM



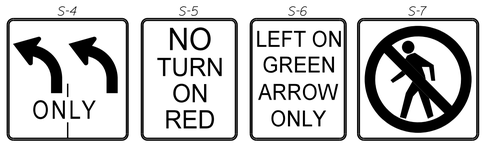
Existing Signals



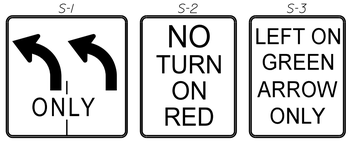
Proposed Signals



Existing Signs

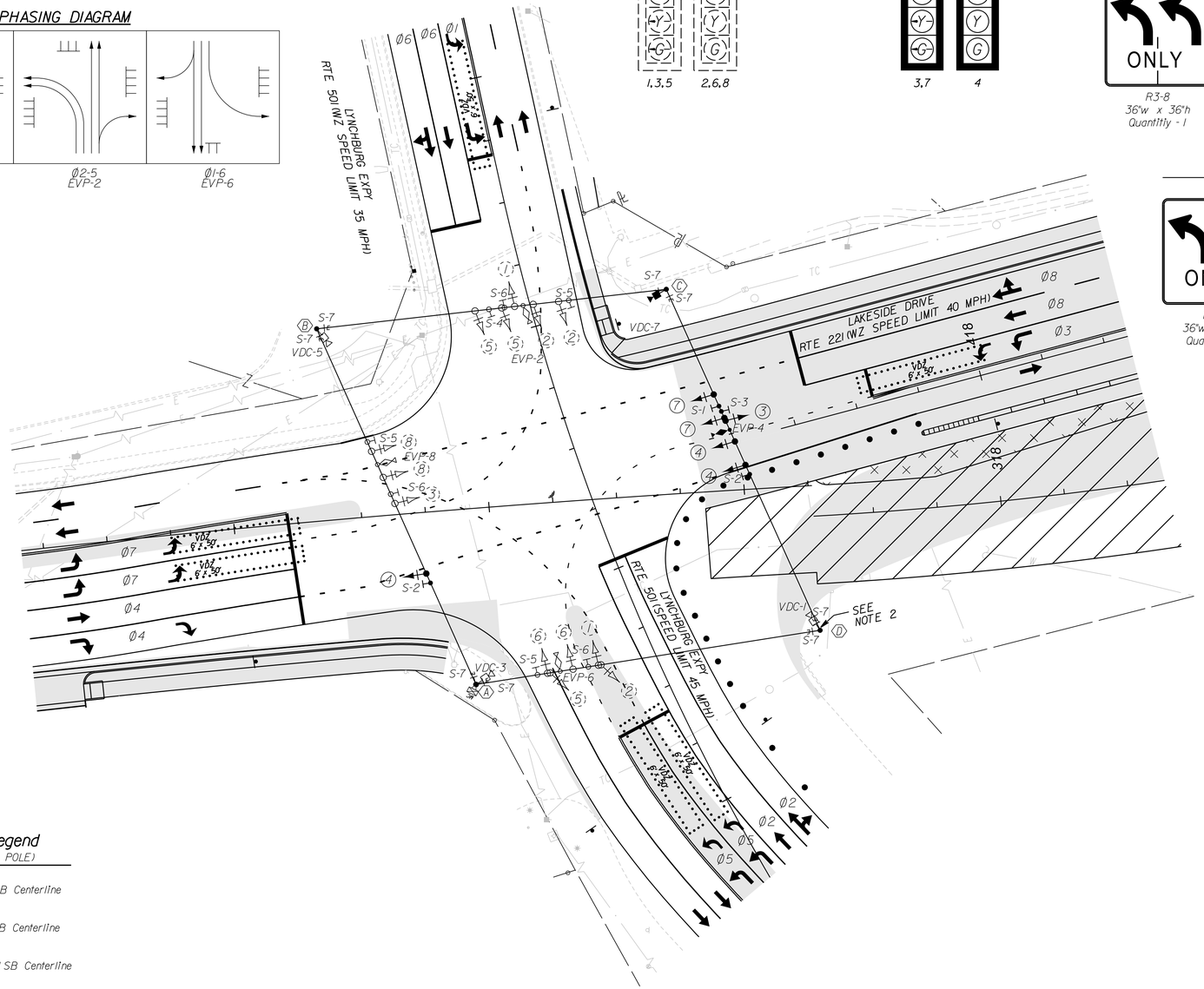


Proposed Signs



LABELS

Signal Pole or Controller	A
Proposed Signal Head	2
Existing Signal Head	2
Proposed Pedestrian Signal Head	P2
Signal Phasing	Ø2
Pedestrian Phasing	P2
Sign	S-1
Video Detection Camera	VDC-1
Emergency Preemption Detector	EVP-1



Signal Pole & Controller Legend
(ALL DIMENSIONS ARE TO CENTER OF POLE)

(A) SIGNAL POLE WD-2
69' Left of Station 218+80 Route 501 SB Centerline

(B) SIGNAL POLE WD-2
83' Left of Station 220+21 Route 501 SB Centerline

(C) SIGNAL POLE WD-2
53' Right of Station 220+00 Route 501 SB Centerline

(D) SIGNAL POLE WD-2
62' Right of Station 218+44 Route 501 SB Centerline

PLAN ITEM	PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Portable Traffic Control Signal		
Temporary Signal Pole		
Metal Signal Pole & Foundation and Mast Arm (As noted in Signal Pole Legend)		
Pedestal Pole and Foundation (St'd.PF-2)		
Pedestal Pole and Foundation (St'd.PA-3)		
Traffic Signal Head w/ Backplate		
Pedestrian Signal Head		
Pedestrian Pushbutton & Sign	P.B.	P.B.
Traffic Signal Sign — Mast Arm or Span Wire Mt'd.		
Traffic Signal Sign — Pole Mounted		
Traffic Signal Sign — Ground Mounted		
Emergency Vehicle Pre-emption (EVP) Sensor w/ Conf.Light		
Video Detection Camera		
Junction Box (St'd.as noted on plans)		
Video Detection Zone (Size as noted on plans)	VDZ 6'x50'	VDZ 6'x50'
Conduit		
Controller Cabinet Pole Mounted		
Master Controller Cabinet Pole Mounted		
Uninterruptible Power Supply Cabinet		

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	IG(108)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 5 TEMPORARY SIGNAL

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G (109a)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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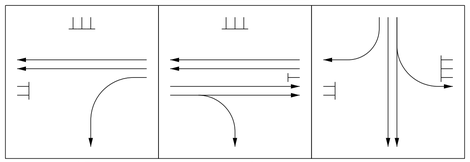
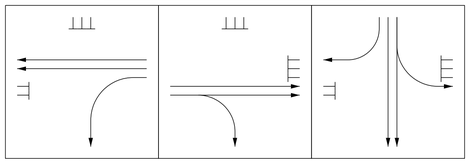
PH PLANS

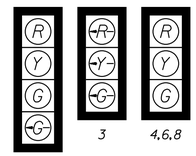
PHASING DIAGRAM



EMERGENCY PHASING DIAGRAM



Proposed Signals

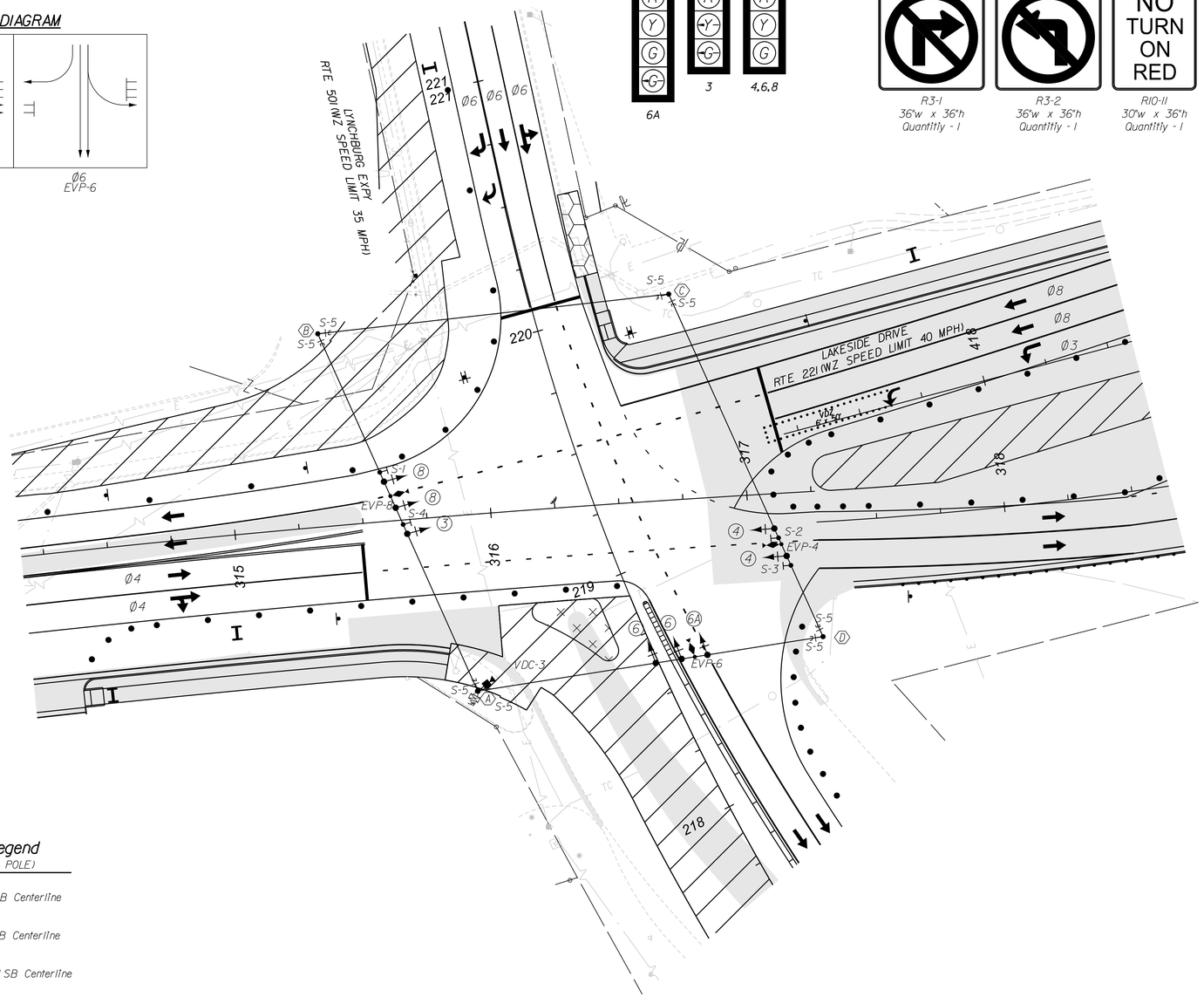


Proposed Signs

R3-1 36"w x 36"h Quantitly - 1
R3-2 36"w x 36"h Quantitly - 1
R10-11 30"w x 36"h Quantitly - 1
R10-5 30"w x 36"h Quantitly - 1

Existing Signs

R9-3 18"w x 18"h Quantitly - 8



LABELS

Signal Pole or Controller	A
Proposed Signal Head	2
Existing Signal Head	2
Proposed Pedestrian Signal Head	P2
Signal Phasing	Ø2
Pedestrian Phasing	P2
Sign	S-1
Video Detection Camera	VDC-1
Emergency Preemption Detector	EVP-1

Signal Pole & Controller Legend
(ALL DIMENSIONS ARE TO CENTER OF POLE)

(A) SIGNAL POLE WD-2
69' Left of Station 218+80 Route 501 SB Centerline

(B) SIGNAL POLE WD-2
83' Left of Station 220+21 Route 501 SB Centerline

(C) SIGNAL POLE WD-2
53' Right of Station 220+00 Route 501 SB Centerline

(D) SIGNAL POLE WD-2
62' Right of Station 218+44 Route 501 SB Centerline

PLAN ITEM	PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Portable Traffic Control Signal		
Temporary Signal Pole		
Metal Signal Pole & Foundation and Mast Arm (As noted in Signal Pole Legend)		
Pedestal Pole and Foundation (St'd.PF-2)		
Pedestal Pole and Foundation (St'd.PA-3)		
Traffic Signal Head w/ Backplate		
Pedestrian Signal Head		
Pedestrian Pushbutton & Sign	P.B.	P.B.
Traffic Signal Sign — Mast Arm or Span Wire Mt'd.		
Traffic Signal Sign — Pole Mounted		
Traffic Signal Sign — Ground Mounted		
Emergency Vehicle Pre-emption (EVP) Sensor w/ Conf.Light		
Video Detection Camera		
Junction Box (St'd.as noted on plans)		
Video Detection Zone (Size as noted on plans)	VDZ	VDZ
Conduit		
Controller Cabinet Pole Mounted		
Master Controller Cabinet Pole Mounted		
Uninterruptible Power Supply Cabinet		

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	1G(109a)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

MAINTENANCE OF TRAFFIC PLAN
PHASE 5 TEMPORARY SIGNAL

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G (109b)

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McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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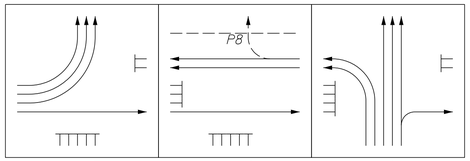
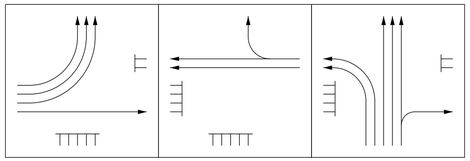
PH PLANS

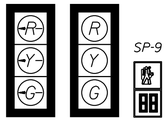
PHASING DIAGRAM



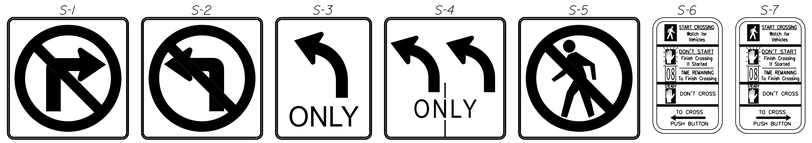
EMERGENCY PHASING DIAGRAM



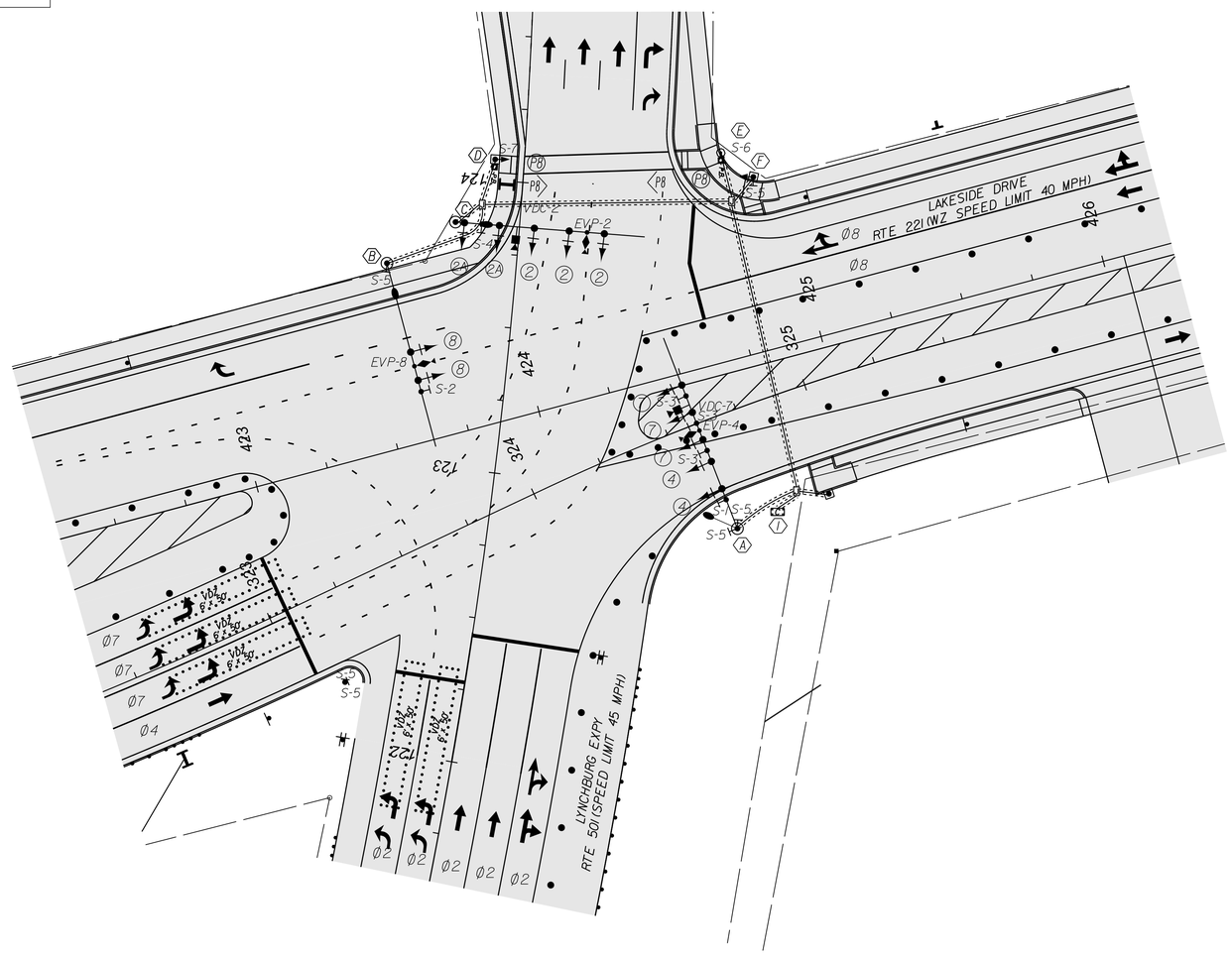
Proposed Signals



Proposed Signs



S-1	S-2	S-3	S-4	S-5	S-6	S-7
R3-1 36"w x 36"h Quantitly - 1	R3-2 36"w x 36"h Quantitly - 1	R3-5L 30"w x 36"h Quantitly - 3	R3-8 36"w x 36"h Quantitly - 1	R9-3 18"w x 18"h Quantitly - 6	R10-3e L 9"w x 15"h Quantitly - 1	R10-3e R 9"w x 15"h Quantitly - 1



LABELS

Signal Pole or Controller	A
Proposed Signal Head	2
Existing Signal Head	2
Proposed Pedestrian Signal Head	P2
Signal Phasing	Ø2
Pedestrian Phasing	P2
Sign	S-1
Video Detection Camera	VDC-1
Emergency Preemption Detector	EVP-1

Signal Pole & Controller Legend
(ALL DIMENSIONS ARE TO CENTER OF POLE)

(1) CONTROLLER CABINET AND FOUNDATION (CF-4)

(A) SIGNAL MAST ARM POLE MP-3, TYPE E1
38.5' Right of Station 324+86 Route 221 N Centerline
70' Arm 0' Route 221 N Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
45' Route 221 N Centerline

(B) SIGNAL MAST ARM POLE MP-3, TYPE E1
62.5' Left of Station 423.63 Route 221 S Centerline
65' Arm 0' Route 221 S Centerline

(C) SIGNAL MAST ARM POLE MP-3, TYPE E1
23' Left of Station 123+85 Route 501 N Centerline
65' Arm 0' Route 501 N Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
90' Route 501 N Centerline

(D) PEDESTAL POLE PF-2 12'

(E) PEDESTRIAN ACTUATION (PA-4)

(F) PEDESTAL POLE PF-2 12'

PLAN ITEM	PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Portable Traffic Control Signal		
Temporary Signal Pole		
Metal Signal Pole & Foundation and Mast Arm (As noted in Signal Pole Legend)		
Pedestal Pole and Foundation (St'd. PF-2)		
Pedestal Pole and Foundation (St'd. PA-3)		
Traffic Signal Head w/ Backplate		
Pedestrian Signal Head		
Pedestrian Pushbutton & Sign	P.B.	P.B.
Traffic Signal Sign — Mast Arm or Span Wire Mt'd.		
Traffic Signal Sign — Pole Mounted		
Traffic Signal Sign — Ground Mounted		
Emergency Vehicle Pre-emption (EVP) Sensor w/ Conf. Light		
Video Detection Camera		
Junction Box (St'd. as noted on plans)		
Video Detection Zone (Size as noted on plans)	VDZ 6'x20'	VDZ 6'x20'
Conduit		
Controller Cabinet Pole Mounted		
Master Controller Cabinet Pole Mounted		
Uninterruptible Power Supply Cabinet		

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	1G(109b)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	1G (110)

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McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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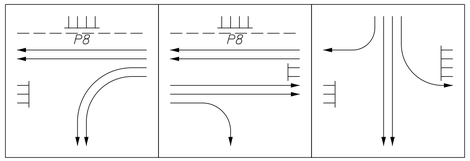
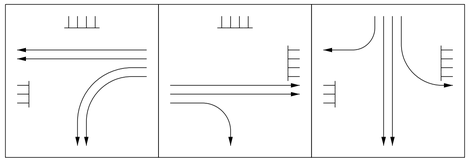
PH PLANS

MAINTENANCE OF TRAFFIC PLAN
PHASE 6 TEMPORARY SIGNAL

PHASING DIAGRAM

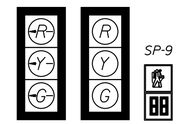


EMERGENCY PHASING DIAGRAM

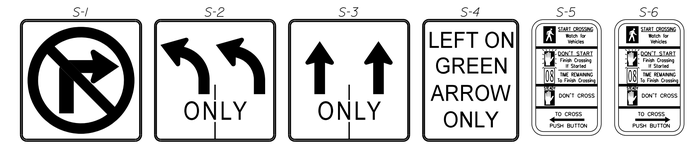


Existing Signals

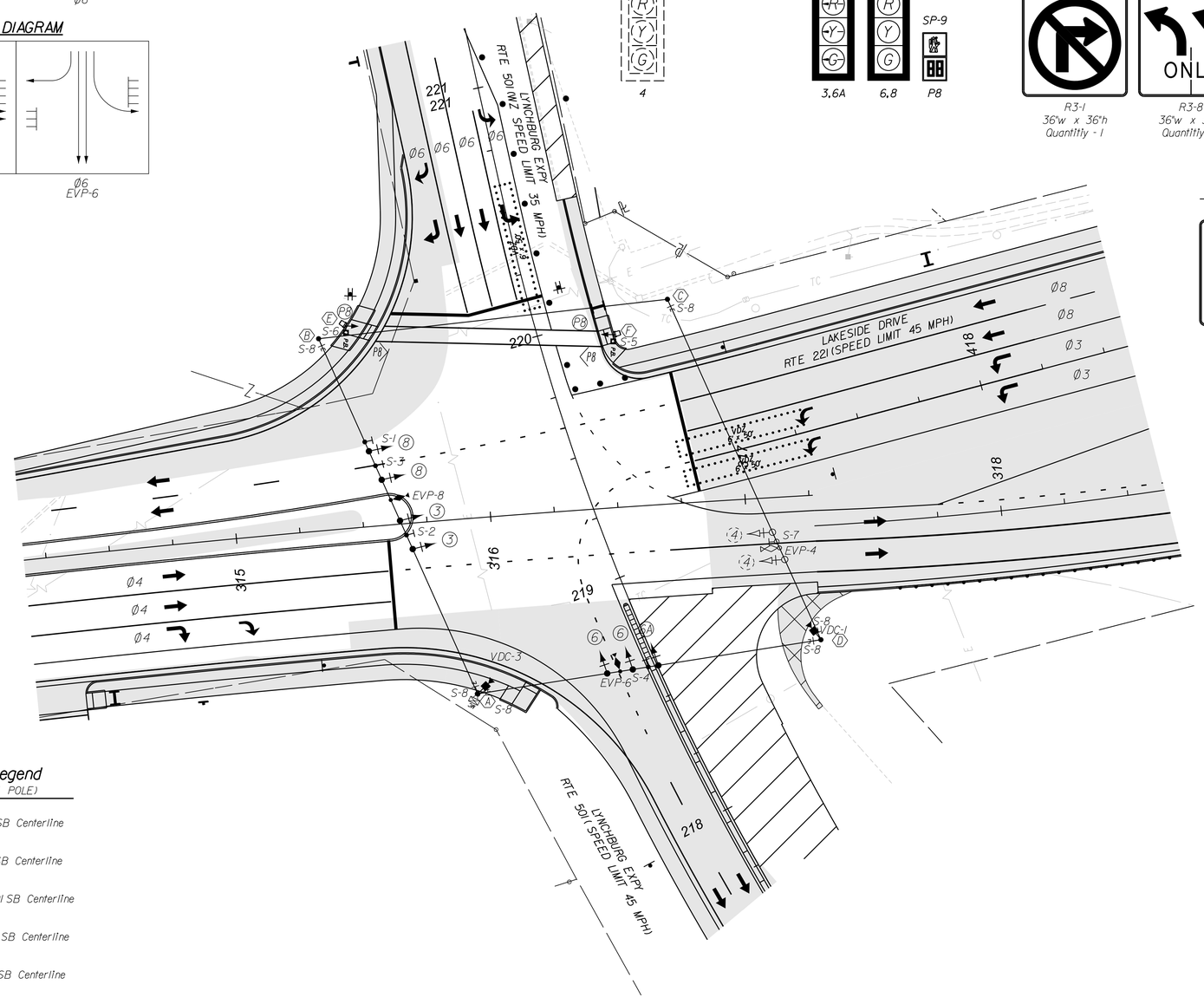
Proposed Signals



Proposed Signs



Existing Signs



LABELS

Signal Pole or Controller	A
Proposed Signal Head	2
Existing Signal Head	2
Proposed Pedestrian Signal Head	P2
Signal Phasing	Ø2
Pedestrian Phasing	P2
Sign	S-1
Video Detection Camera	VDC-1
Emergency Preemption Detector	EVP-1

Signal Pole & Controller Legend
(ALL DIMENSIONS ARE TO CENTER OF POLE)

(A) SIGNAL POLE WD-2
69' Left of Station 218+80 Route 501 SB Centerline

(B) SIGNAL POLE WD-2
83' Left of Station 220+21 Route 501 SB Centerline

(C) SIGNAL POLE WD-2
53' Right of Station 220+00 Route 501 SB Centerline

(D) SIGNAL POLE WD-2
62' Right of Station 218+44 Route 501 SB Centerline

(E) PORTABLE TRAFFIC CONTROL SIGNAL
71' Left of Station 220+22 Route 501 SB Centerline

(F) PORTABLE TRAFFIC CONTROL SIGNAL
29' Right of Station 219+95 Route 501 SB Centerline

PLAN ITEM	PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Portable Traffic Control Signal		
Temporary Signal Pole		
Metal Signal Pole & Foundation and Mast Arm (As noted in Signal Pole Legend)		
Pedestal Pole and Foundation (St'd.PF-2)		
Pedestal Pole and Foundation (St'd.PA-3)		
Traffic Signal Head w/ Backplate		
Pedestrian Signal Head		
Pedestrian Pushbutton & Sign	P.B.	P.B.
Traffic Signal Sign: Mast Arm or Span Wire Mt'd.		
Traffic Signal Sign: Pole Mounted		
Traffic Signal Sign: Ground Mounted		
Emergency Vehicle Pre-emption (EVP) Sensor w/ Conf.Light		
Video Detection Camera		
Junction Box (St'd.as noted on plans)		
Video Detection Zone (Size as noted on plans)	VDZ	VDZ
Conduit		
Controller Cabinet Pole Mounted		
Master Controller Cabinet Pole Mounted		
Uninterruptible Power Supply Cabinet		

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	1G(110)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	IG (III)

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McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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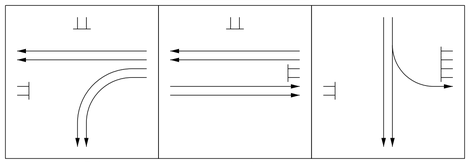
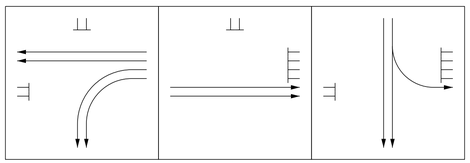
PH PLANS

MAINTENANCE OF TRAFFIC PLAN
PHASE 7 TEMPORARY SIGNAL

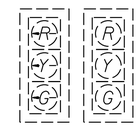
PHASING DIAGRAM



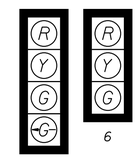
EMERGENCY PHASING DIAGRAM



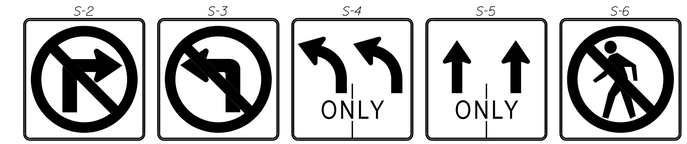
Existing Signals



Proposed Signals



Existing Signs



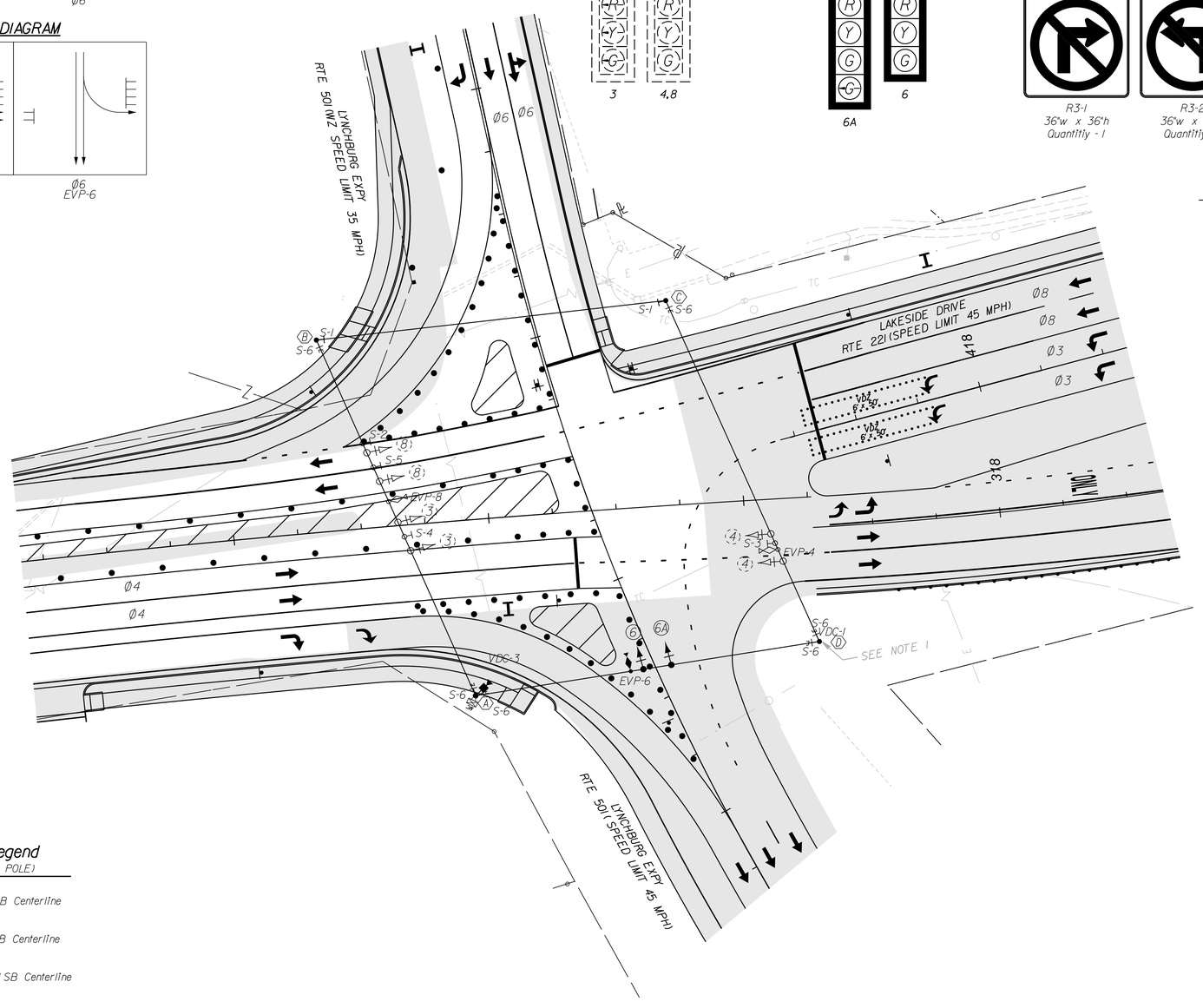
S-2	S-3	S-4	S-5	S-6
R3-1	R3-2	R3-8	R3-8	R9-3
36"w x 36"h	36"w x 36"h	36"w x 36"h	36"w x 36"h	18"w x 18"h
Quantitiy - 1	Quantitiy - 1	Quantitiy - 1	Quantitiy - 1	Quantitiy - 6

Proposed Signs

R9-3
18"w x 18"h
Quantitiy - 2

LABELS

Signal Pole or Controller	A
Proposed Signal Head	2
Existing Signal Head	2
Proposed Pedestrian Signal Head	P2
Signal Phasing	Ø2
Pedestrian Phasing	P2
Sign	S-1
Video Detection Camera	VDC-1
Emergency Preemption Detector	EVP-1



Signal Pole & Controller Legend
(ALL DIMENSIONS ARE TO CENTER OF POLE)

(A) SIGNAL POLE WD-2
69' Left of Station 218+80 Route 501 SB Centerline

(B) SIGNAL POLE WD-2
83' Left of Station 220+21 Route 501 SB Centerline

(C) SIGNAL POLE WD-2
53' Right of Station 220+00 Route 501 SB Centerline

(D) SIGNAL POLE WD-2
62' Right of Station 218+44 Route 501 SB Centerline

PLAN ITEM	PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Portable Traffic Control Signal		
Temporary Signal Pole		
Metal Signal Pole & Foundation and Mast Arm (As noted in Signal Pole Legend)		
Pedestal Pole and Foundation (St'd.PF-2)		
Pedestal Pole and Foundation (St'd.PA-3)		
Traffic Signal Head w/ Backplate		
Pedestrian Signal Head		
Pedestrian Pushbutton & Sign	P.B.	P.B.
Traffic Signal Sign — Mast Arm or Span Wire Mt'd.		
Traffic Signal Sign — Pole Mounted		
Traffic Signal Sign — Ground Mounted		
Emergency Vehicle Pre-emption (EVP) Sensor w/ Conf. Light		
Video Detection Camera		
Junction Box (St'd.as noted on plans)		
Video Detection Zone (Size as noted on plans)	VDZ 6'x50'	VDZ 6'x50'
Conduit		
Controller Cabinet Pole Mounted		
Master Controller Cabinet Pole Mounted		
Uninterruptible Power Supply Cabinet		

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	IG(III)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

* SEE ROADWAY PROFILES FOR SUPERELEVATION RATES AND LOCATIONS

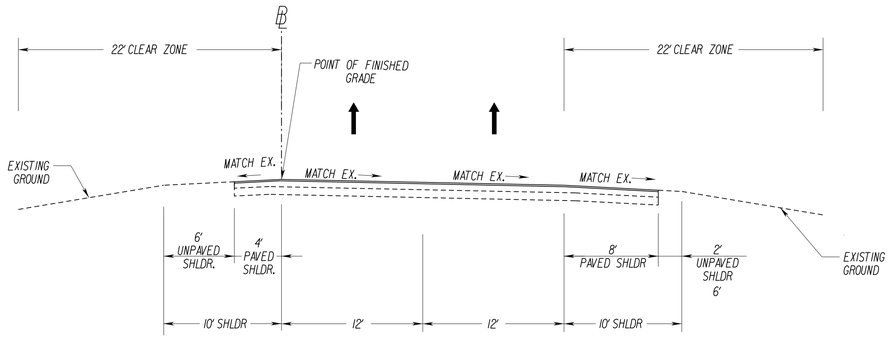
TYPICAL SECTIONS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	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

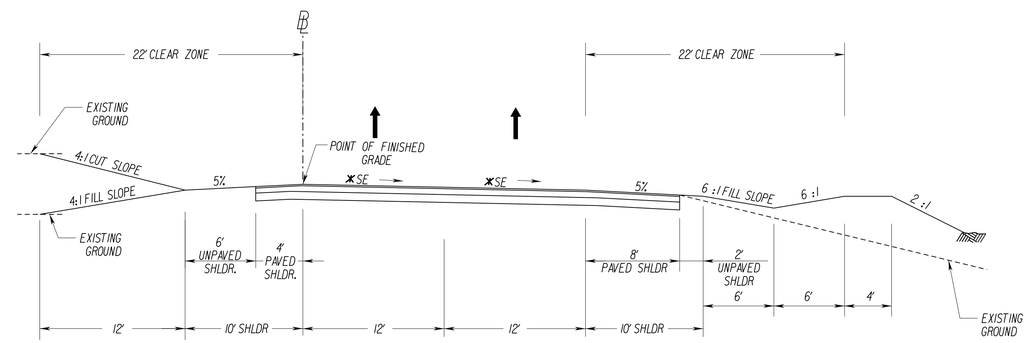
McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER

US-501 N CONSTR.



STA. 108+40.00 TO STA. 110+00.00

US-501 N CONSTR.



STA. 110+00.00 TO STA. 116+50.00

NOTE:
Directional arrows are used for informational purposes only.

NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2A(1)

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2A(2)

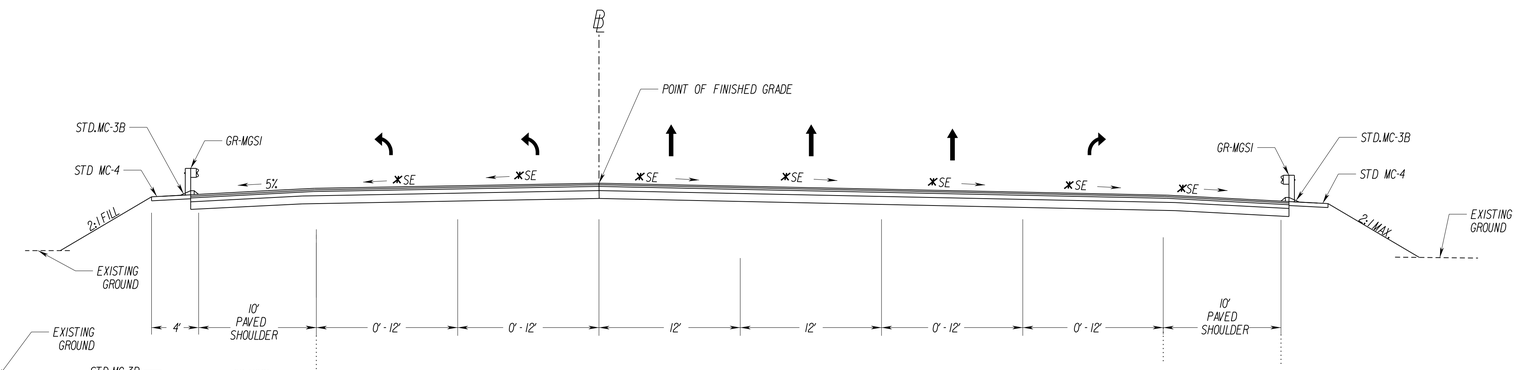
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER

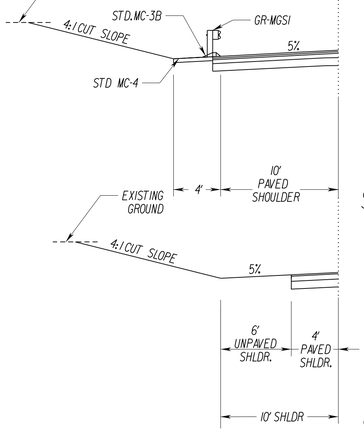
TYPICAL SECTIONS

* SEE ROADWAY PROFILES FOR SUPERELEVATION RATES AND LOCATIONS

US-501 N CONSTR.



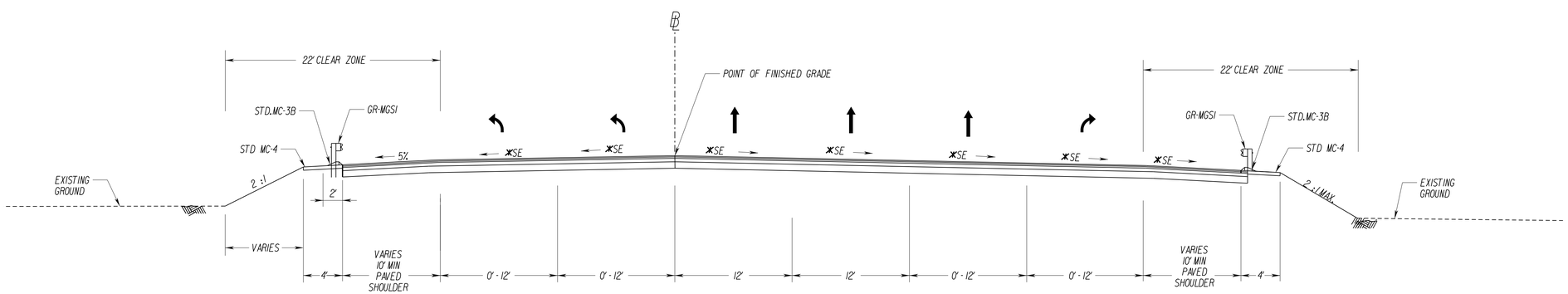
STA.116+50.00 TO STA.119+50.00



STA.117+50.00 TO STA.118+25.00 LEFT

STA.116+50.00 TO STA.117+50.00 LEFT

US-501 N CONSTR.



STA.119+50.00 TO STA.122+21.78 LEFT
STA.119+50.00 TO STA.122+62.96 RIGHT

* REFER TO INTERSECTION GRADING DETAIL @ US-501N AND US-221,
STA.122+21.78 TO STA.123+98.06 LEFT
STA.122+62.96 TO STA.124+25.29 RIGHT

NOTE:
Directional arrows are used for informational purposes only.

NOT TO SCALE	PROJECT	SHEET NO.
	U000-118-286	2A(2)

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

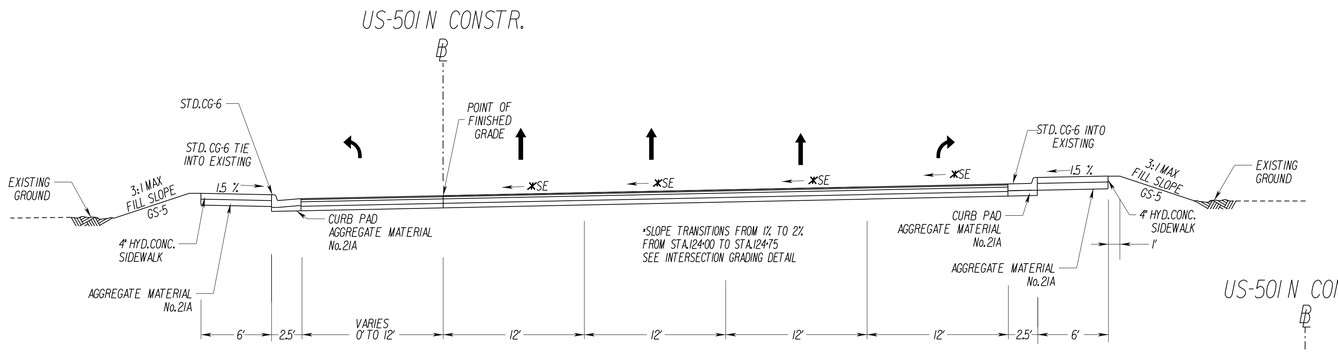
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2A(3)

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

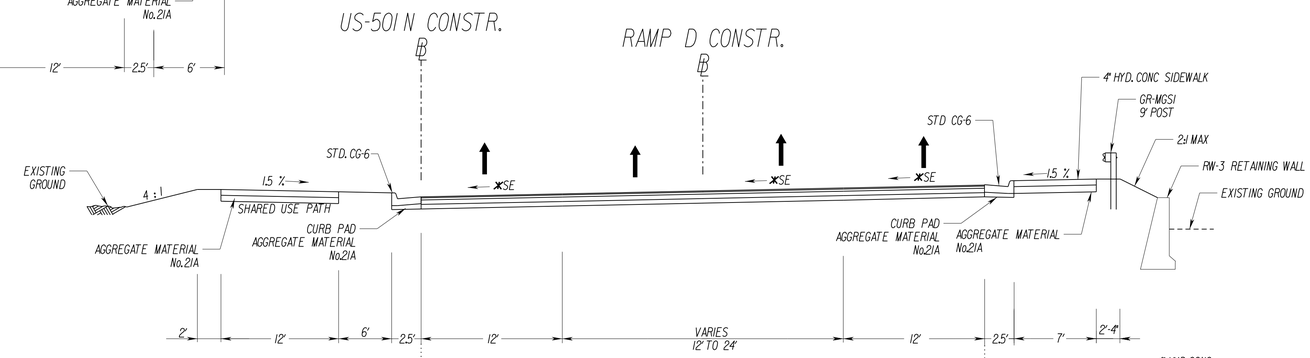
McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER

TYPICAL SECTIONS

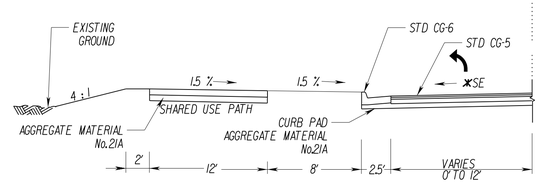
* SEE ROADWAY PROFILES FOR SUPERELEVATION RATES AND LOCATIONS



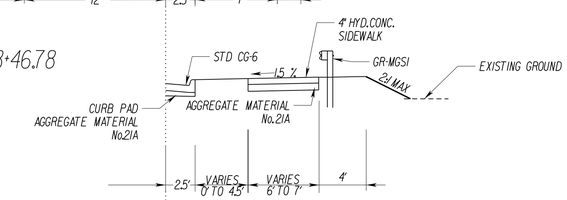
STA.123+98.06 TO STA.125+58.00 LEFT
STA.124+25.29 TO STA.125+58.00 RIGHT



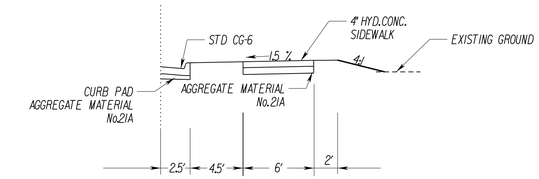
STA.125+58.00 TO STA.128+46.78



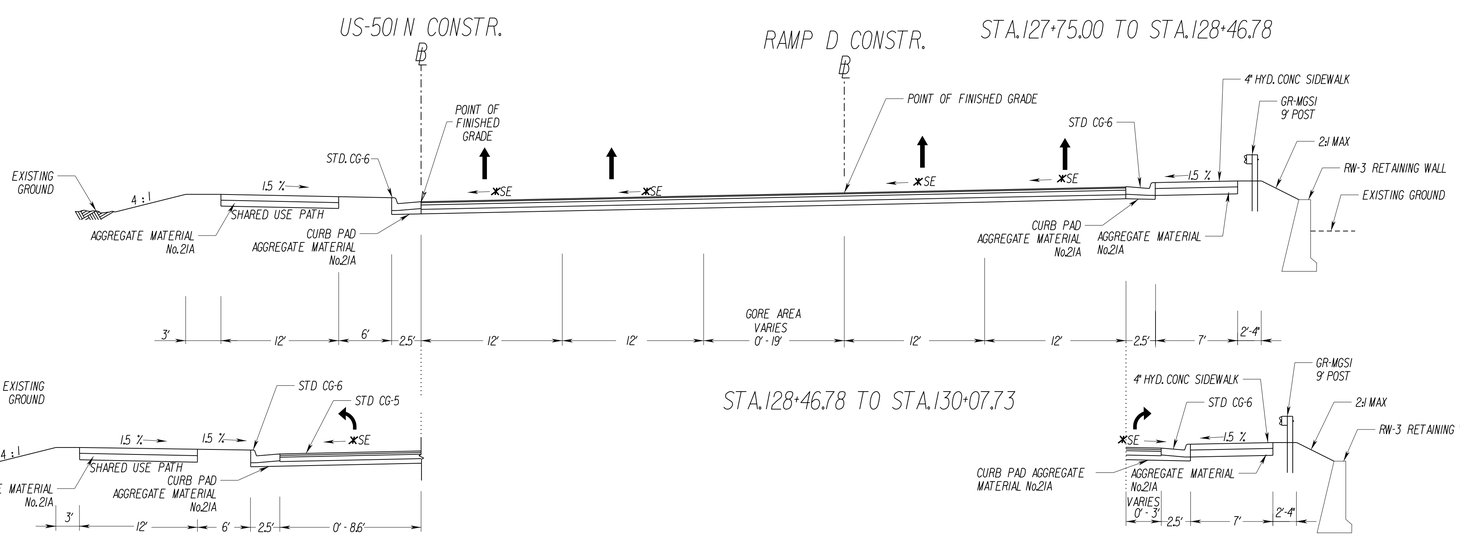
STA.127+75.00 TO STA.128+46.78



STA.128+29.73 TO STA.128+46.78



STA.125+58.00 TO STA.126+79.35



STA.128+46.78 TO STA.130+07.73

STA.128+46.78 TO STA.130+07.73

STA.129+79.67 TO STA.130+07.73 RIGHT

NOTE:
Directional arrows are used for Informational purposes only.

NOT TO SCALE	PROJECT	SHEET NO.
	U000-118-286	2A(3)

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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PH PLANS

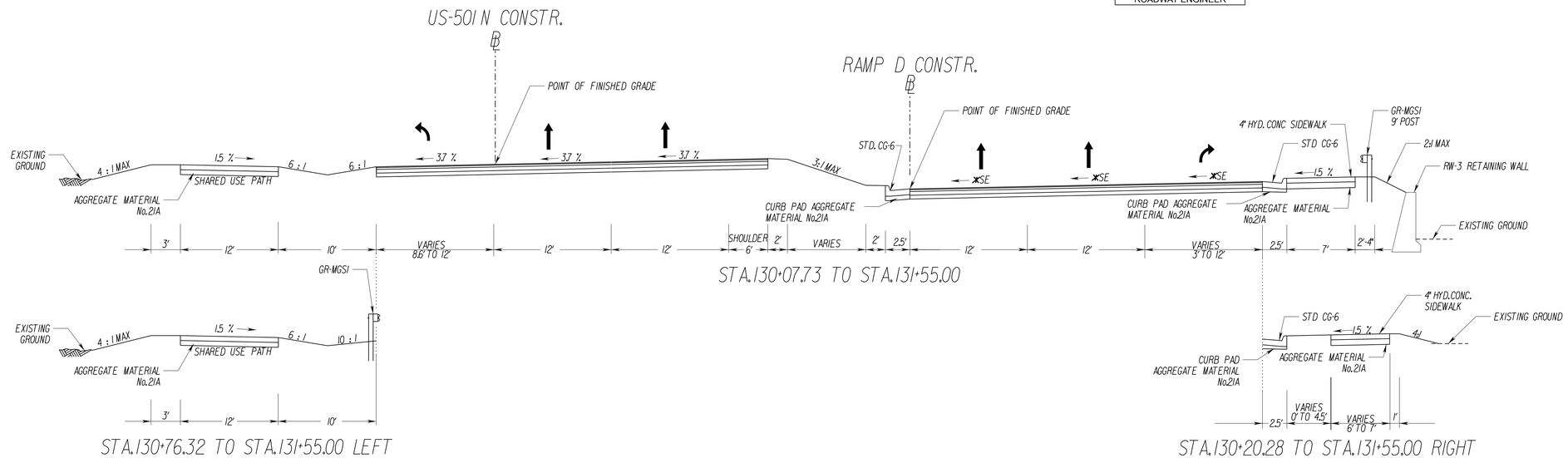
TYPICAL SECTIONS

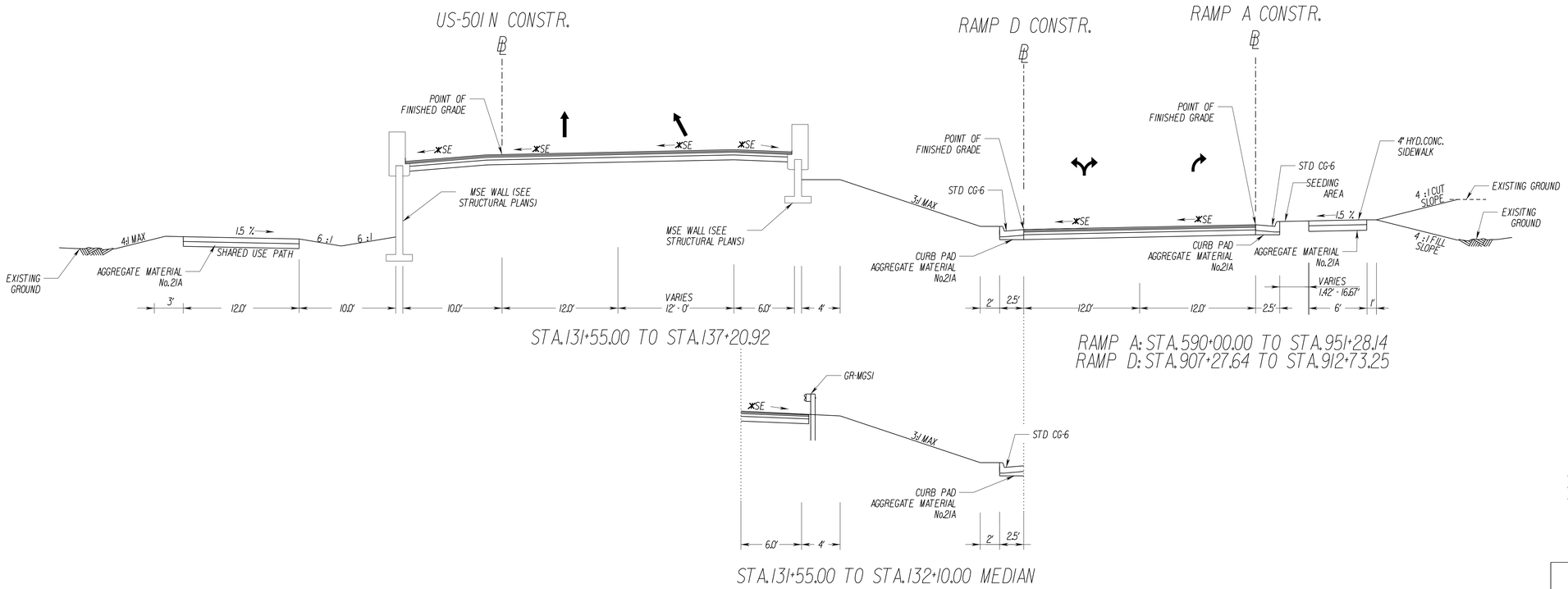
* SEE ROADWAY PROFILES FOR SUPERELEVATION RATES AND LOCATIONS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2A(4)

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

McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER





NOTE:
Directional arrows are used for informational purposes only.

NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2A(4)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

* SEE ROADWAY PROFILES FOR SUPERELEVATION RATES AND LOCATIONS

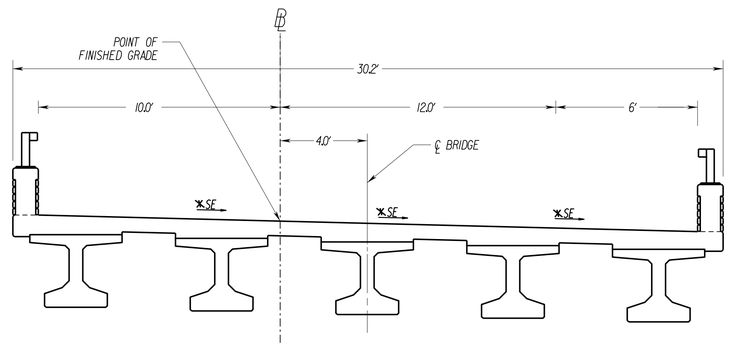
TYPICAL SECTIONS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2A(5)

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

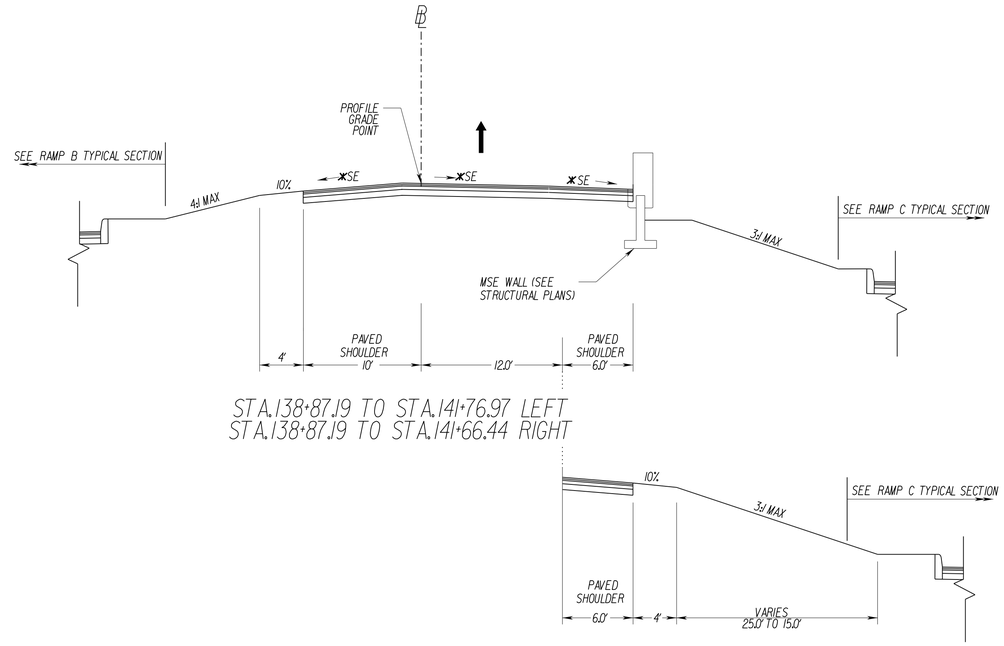
McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER

US-501 N CONSTR.



STA.137+20.92 TO STA.138+66.05

US-501 N CONSTR.



STA.138+87.19 TO STA.141+76.97 LEFT
STA.138+87.19 TO STA.141+66.44 RIGHT

STA.141+15.01 TO STA.141+66.44 RIGHT

NOTE:
Directional arrows are used for informational purposes only.

NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2A(5)

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

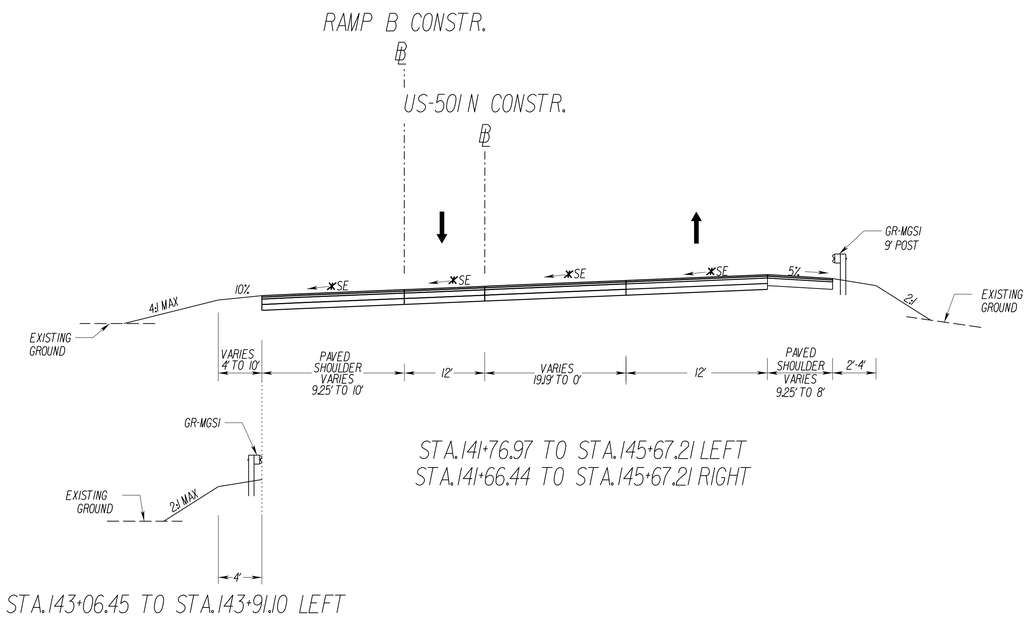
* SEE ROADWAY PROFILES FOR SUPERELEVATION RATES AND LOCATIONS

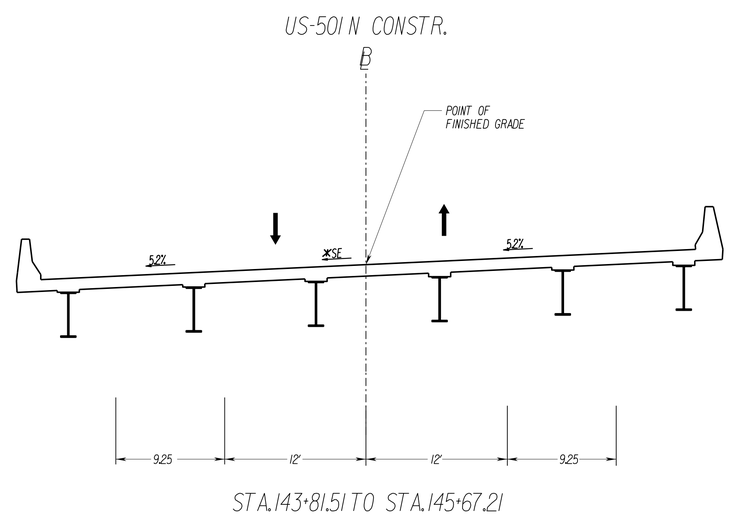
TYPICAL SECTIONS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2A(6)

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

McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER





NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2A(6)

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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PH PLANS

* SEE ROADWAY PROFILES FOR SUPERELEVATION RATES AND LOCATIONS

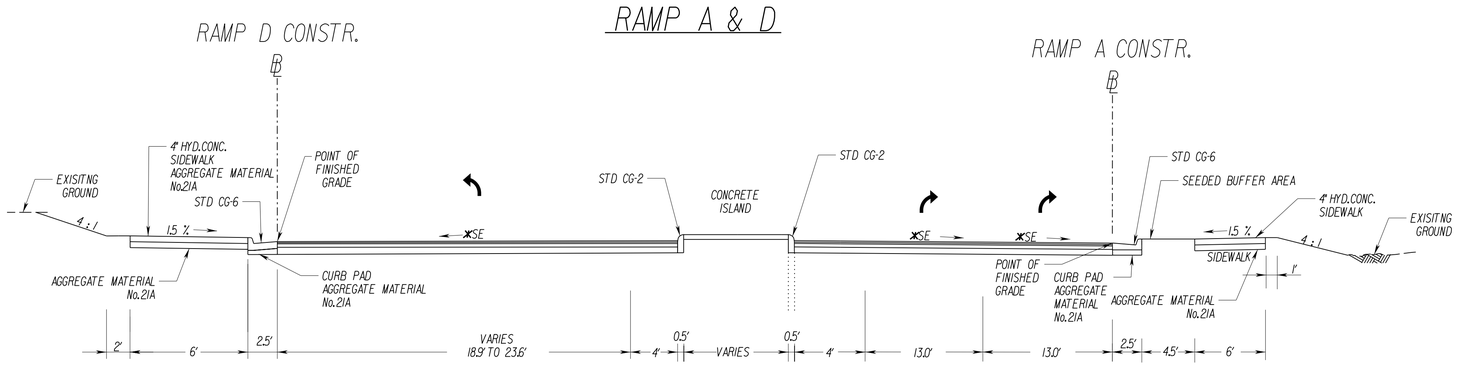
TYPICAL SECTIONS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2A(7)

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

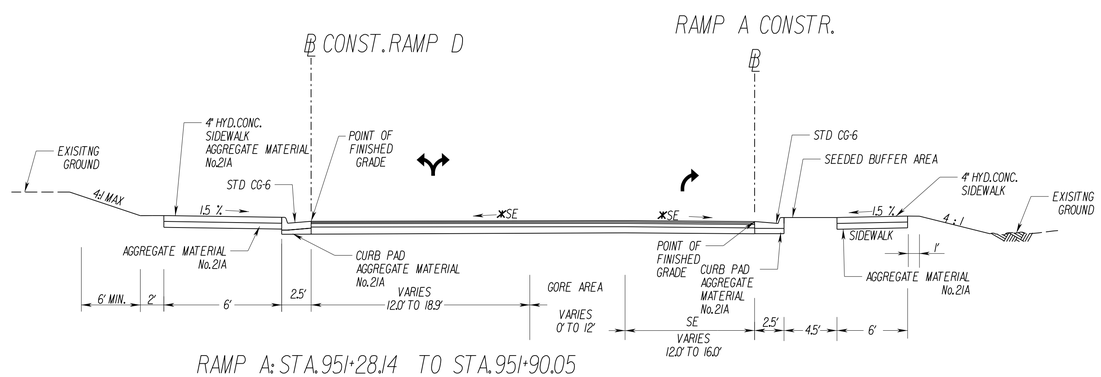
McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER

RAMP A & D



STA.951+90.05 TO STA.952+97.20
STA.913+30.07 TO STA.913+90.39

RAMP A & D



RAMP A: STA.951+28.14 TO STA.951+90.05
RAMP D: STA.912+73.25 TO STA.913+30.07

NOTE:
Directional arrows are used for informational purposes only.

NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2A(7)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

* SEE ROADWAY PROFILES FOR SUPERELEVATION RATES AND LOCATIONS

TYPICAL SECTIONS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2A(8)

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

McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER

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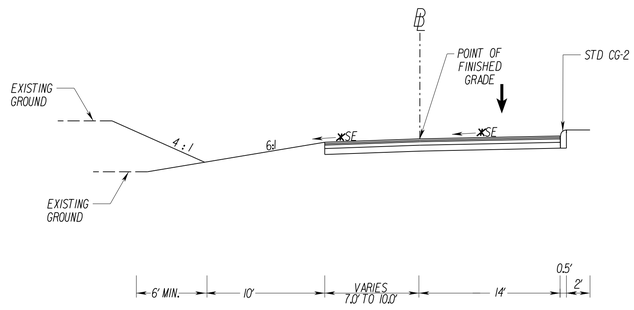
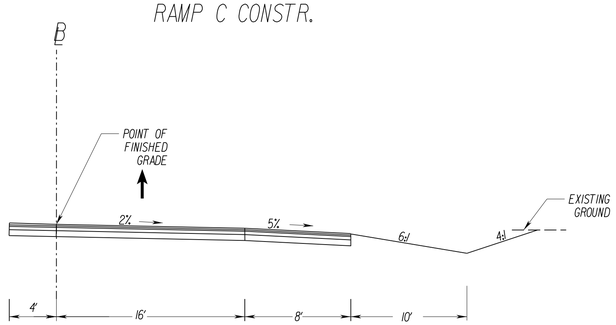
PH PLANS

RAMP B CONSTR.



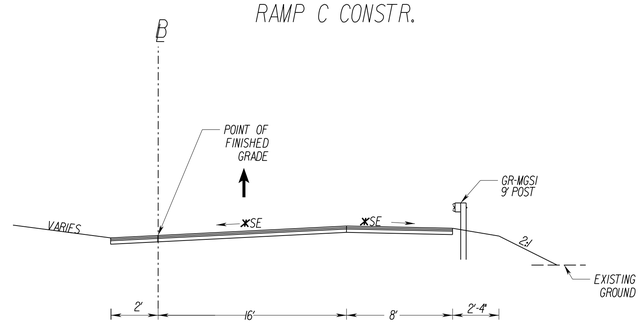
STA.691+08.59 TO STA.695+81.00

RAMP C CONSTR.

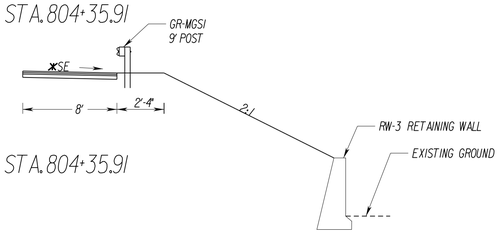


STA.800+26.48 TO STA.802+37.50

RAMP C CONSTR.



STA.802+37.50 TO STA.804+35.91



STA.803+63.66 TO STA.804+35.91

NOTE:
Directional arrows are used for informational purposes only.

NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2A(8)

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929 _____
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _____
DESIGN BY _ Dewberry, Inc. (804) 690-5960 _____
SUBSURFACE UTILITY BY, DATE _____

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2A(9)

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

Dewberry, Inc.
Roanoke, Virginia
ROADWAY ENGINEER

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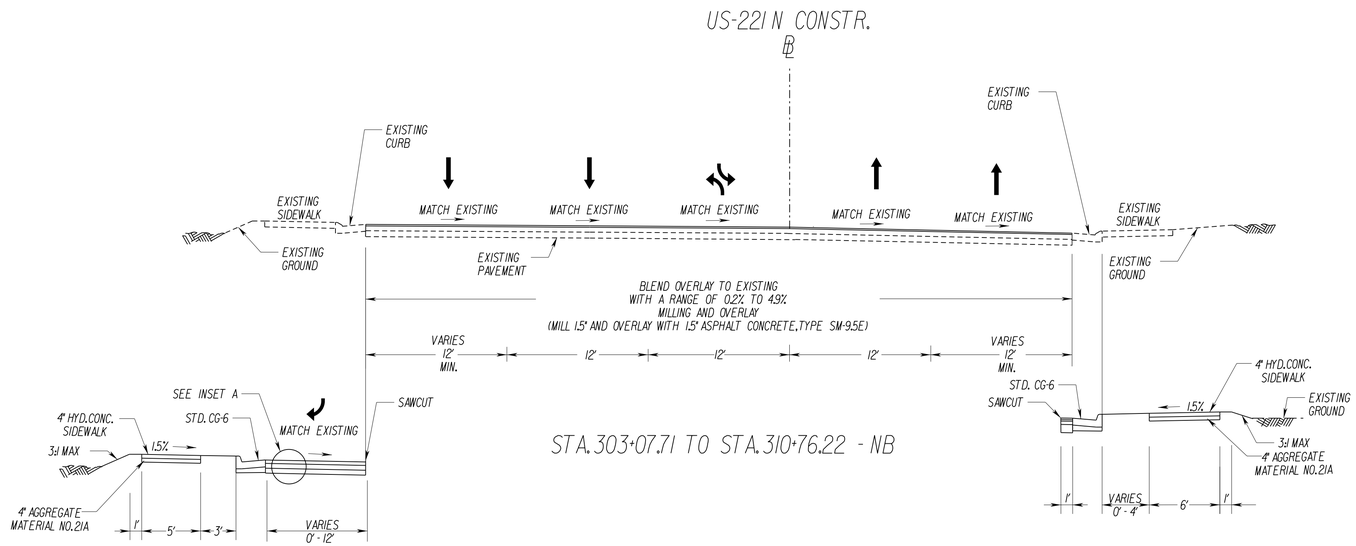
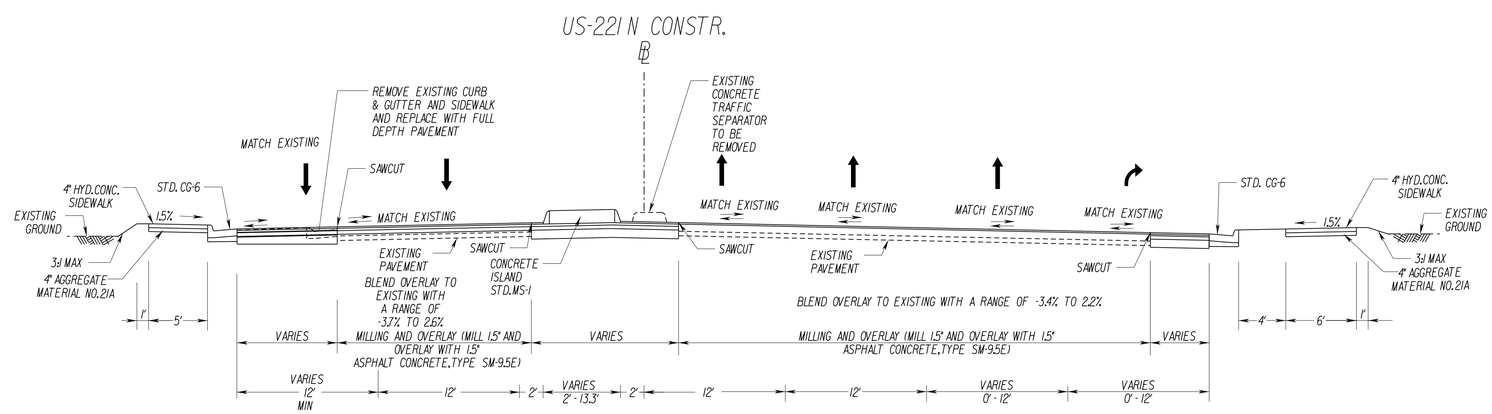
PH PLANS



STA.303+07.71 TO STA.310+76.22 - NB

STA.302+83.14 TO STA.304+01.62 - NB

STA.306+00.00 TO STA.310+76.22 - NB



STA.310+76.22 TO STA.316+25.67 - NB

NOTE:
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NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2A(9)

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929 _____
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _____
DESIGN BY _ Dewberry, Inc. (804) 690-5960 _____
SUBSURFACE UTILITY BY, DATE _____

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2A(10)

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

Dewberry, Inc.
Roanoke, Virginia
ROADWAY ENGINEER

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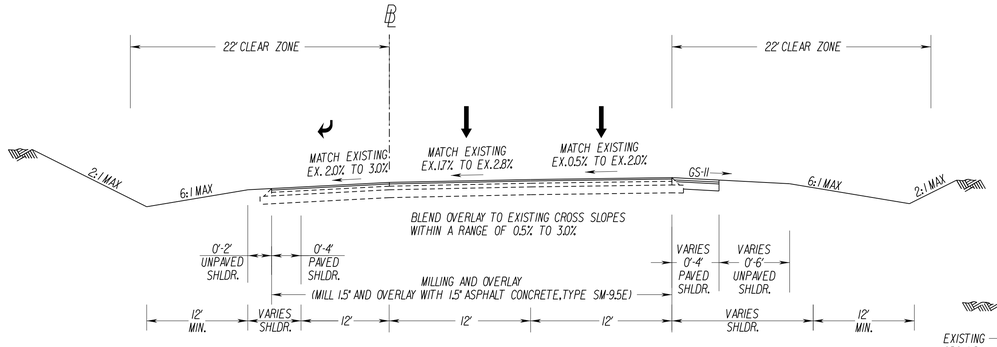
PH PLANS

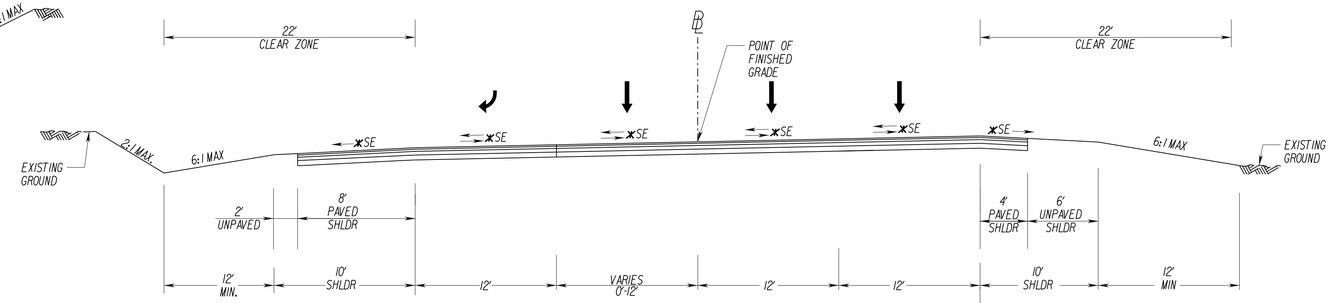
* SEE ROADWAY PROFILES FOR SUPERELEVATION RATES AND LOCATIONS

US-501 S CONSTR.

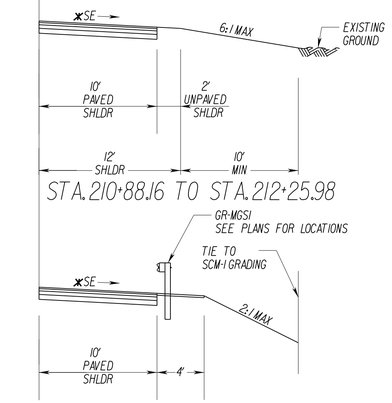


STA.205+85.00 TO STA.207+78.46

US-501 S CONSTR.



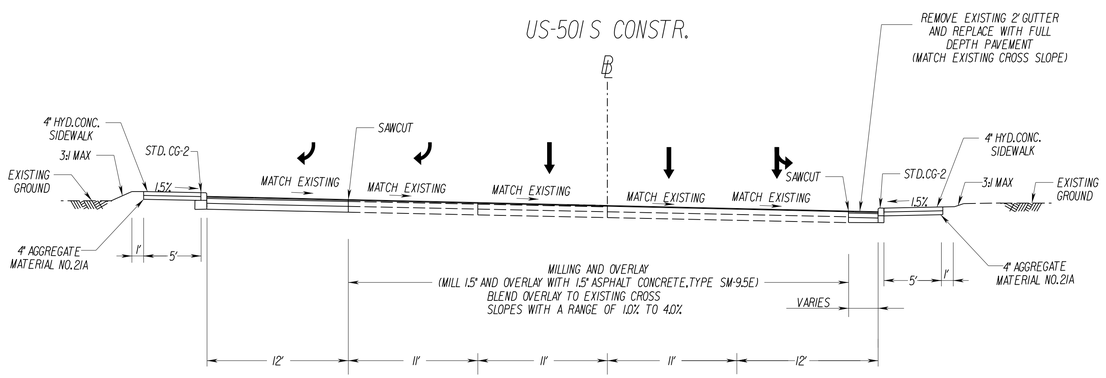
STA.207+78.46 TO STA.219+00.00



STA.210+88.16 TO STA.212+25.98

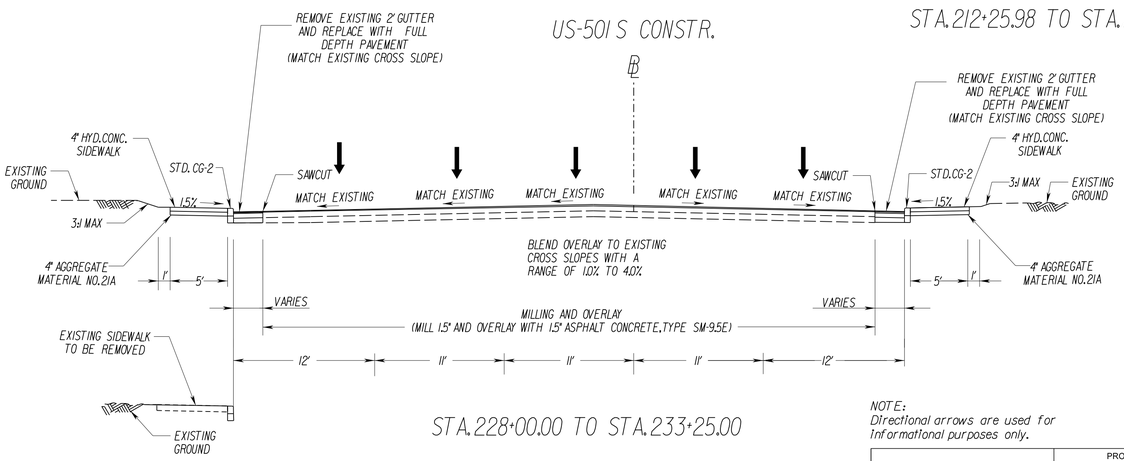
STA.212+25.98 TO STA.219+00.00

US-501 S CONSTR.



STA.220+33.65 TO STA.228+00.00

US-501 S CONSTR.



STA.230+48.16 TO STA.233+25.00

STA.228+00.00 TO STA.233+25.00

NOTE:
Directional arrows are used for informational purposes only.

NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2A(10)

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229
DESIGN BY _ Dewberry, Inc. (804) 690-5960
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2A(11)

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

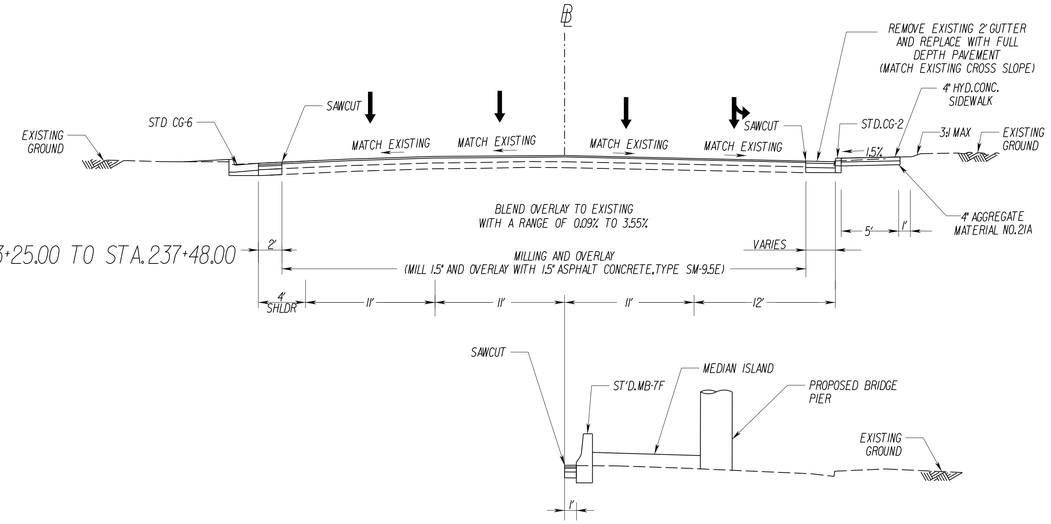
Dewberry, Inc.
Roanoke, Virginia
ROADWAY ENGINEER

ADDITIONAL EASEMENT 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

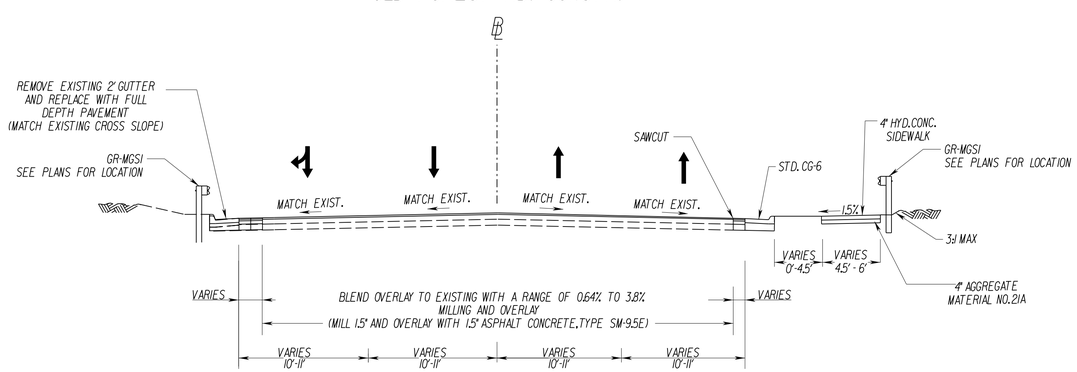
OLD FOREST RD. CONSTR.



STA.233+25.00 TO STA.237+48.00

STA.235+65.86 TO STA.236+59.16

OLD FOREST RD. CONSTR.



STA.237+48.00 TO STA.239+26.73

NOTE:
Directional arrows are used for informational purposes only.

NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2A(11)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

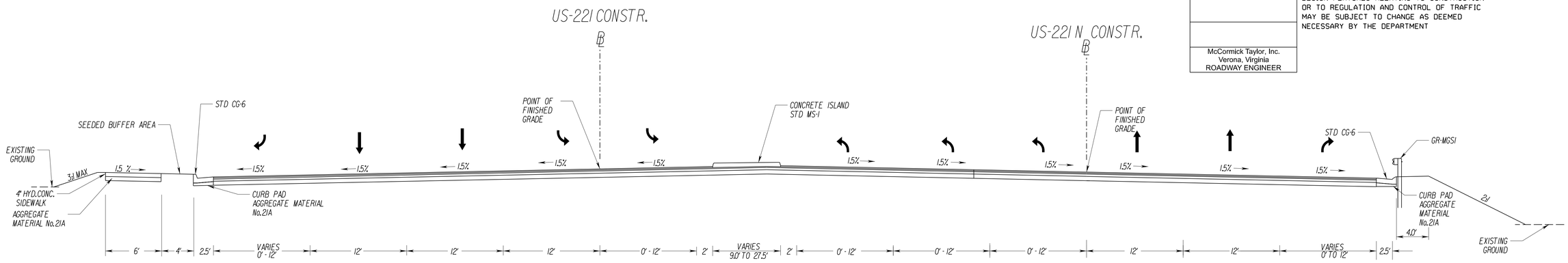
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2A(12)

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

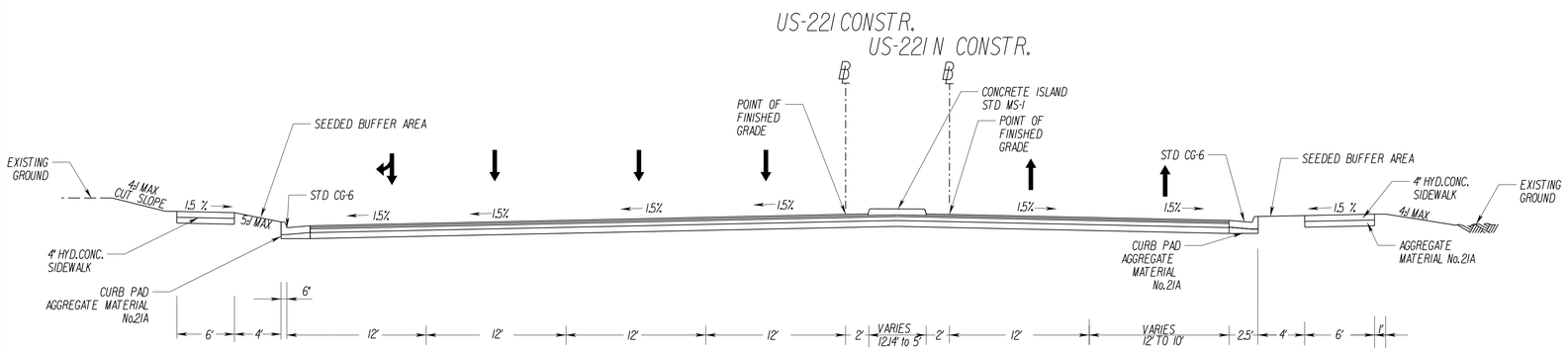
McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER

TYPICAL SECTIONS

* SEE ROADWAY PROFILES FOR SUPERELEVATION RATES AND LOCATIONS



STA. 417+19.16 TO STA. 423+98.65
STA. 317+26.51 TO STA. 323+20.11 NB



STA. 424+34.19 TO STA. 429+08.50
STA. 324+44.87 TO STA. 325+50.58 NB

NOTE:
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NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2A(12)

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

* SEE ROADWAY PROFILES FOR SUPERELEVATION RATES AND LOCATIONS

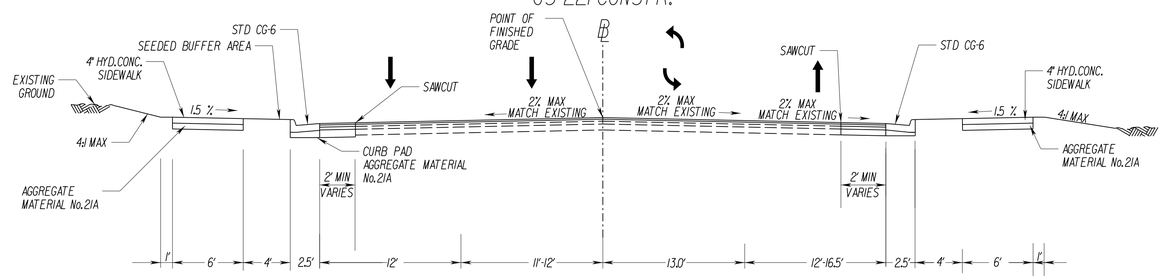
TYPICAL SECTIONS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2A(13)

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

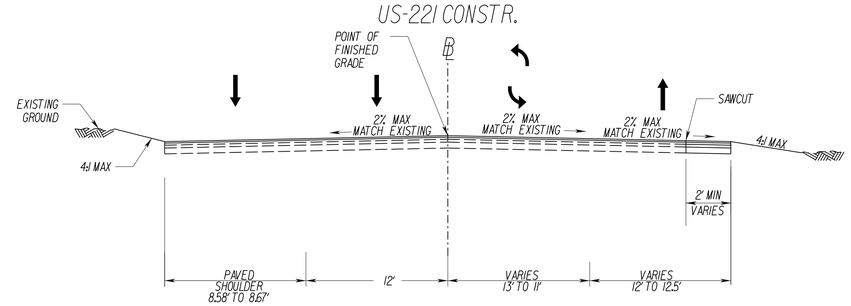
McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER

US-221 CONSTR.



STA.429+08.50 TO STA.430+78.22

US-221 CONSTR.



STA.430+78.22 TO STA.432+63.04

NOTE:
Directional arrows are used for informational purposes only.

NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2A(13)

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2A(14)

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

McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER

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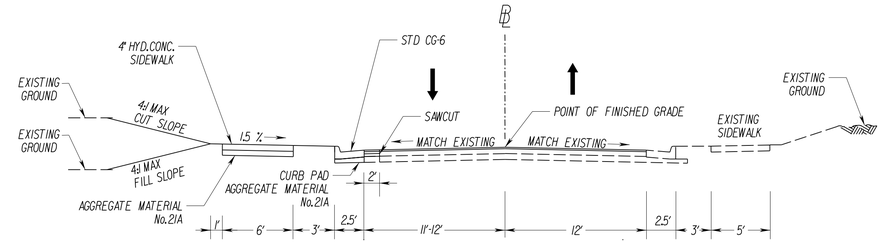
PH PLANS

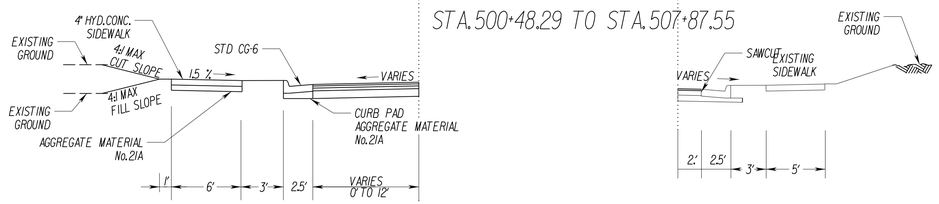
TYPICAL SECTIONS

* SEE ROADWAY PROFILES FOR SUPERELEVATION RATES AND LOCATIONS

WHITEHALL RD.
CONSTR.

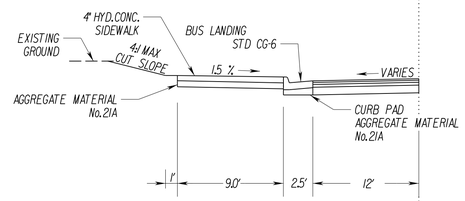


STA.500+48.29 TO STA.507+87.55

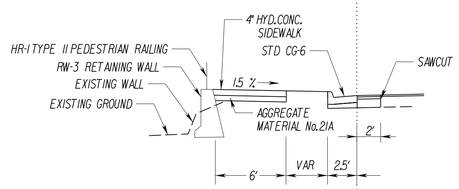


STA.504+62.93 TO STA.504+93.54 LEFT
STA.505+83.28 TO STA.507+75.00 LEFT

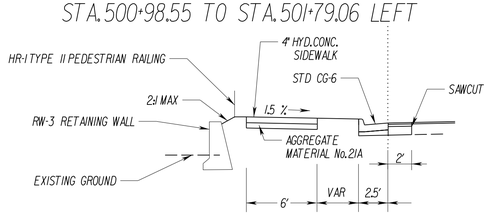
STA.501+61.42 TO STA.503+46.24 RIGHT
STA.504+85.89 TO STA.506+74.82 RIGHT



STA.504+97.34 TO STA.505+83.28 LEFT
(SEE CONSTRUCTION DETAILS FOR BUILDING LAYOUT)

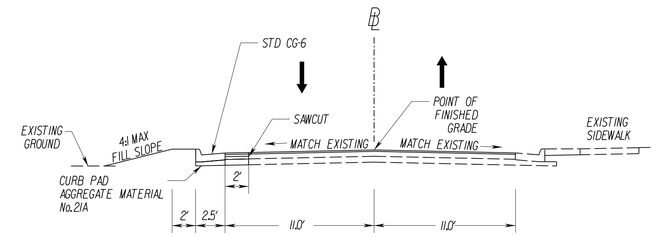


STA.500+98.55 TO STA.501+79.06 LEFT



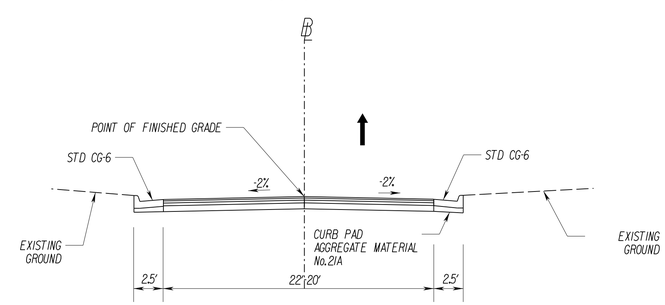
STA.500+48.47 TO STA.500+98.55 LEFT

WHITEHALL RD.
CONSTR.



STA.510+39.21 TO STA.512+70.00

WHITEHALL RD.
CONSTR.



STA.512+70.00 TO STA.514+86.00

NOTE:
Directional arrows are used for informational purposes only.

NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2A(14)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2B

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

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

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PH PLANS

EXISTING DRAINAGE STRUCTURES

(1) CURB INLET
TOP - 840.33'
INV OUT - 836.6'

(2) CURB INLET
TOP MH - 840.13'
INV IN - 836.3'
INV OUT - 836.4'

(3) CURB INLET
TOP MH - 840.13'
INV IN - 835.8'
INV OUT - 835.8'

(4) YARD INLET
TOP - 838.65' (AVG)
INV IN - 835.8'
INV OUT - 835.7'

(6) CURB INLET
TOP MH - 841.35'
INV OUT - 837.2'

(7) CURB INLET
TOP MH - 840.45'
INV IN - 836.5'
INV OUT - 836.5'

(8) CURB INLET
TOP MH - 840.04'
INV IN - 836.0'
INV OUT - 836.0'

(9) CURB INLET
TOP MH - 839.35'
INV IN - 835.4'
INV OUT - 835.3'

(10) MAHNOLE
TOP MH - 839.82'
INV IN - 834.6'
INV OUT - 834.6'

(11) MAHNOLE
TOP MH - 832.23'
INV IN FROM #10 - 827.6'
INV IN FROM #12 - 827.6'
INV IN FROM # 13 - 827.7'
INV OUT - 827.6'

(12) CURB INLET
TOP MH - 832.29'
INV OUT - 828.0'

(13) CURB INLET
TOP MH - 832.61'
INV OUT - 828.7'

(17) MANHOLE
TOP MH - 817.84'
INV IN - 812.7' (FROM #16)
INV IN - 812.8' (FROM #19)
INV IN - 813.3' (FROM #18)
INV OUT - 812.6'

(18) CURB INLET
TOP MH - 818.04'
INV OUT - '

(19) CURB INLET
TOP MH - 818.14'
INV IN - 812.8'
INV OUT - 812.7'

(20) GRATE INLET
TOP MH - 818.14'
INV IN - 813.2'
INV OUT - 813.1'

(21) MANHOLE
TOP MH - 815.25'
INV IN - 810.8'
INV OUT - 808.5'

(22) CURB INLET
TOP MH - 808.15'
INV IN - 803.5'
INV OUT - 803.6'

(23) CURB INLET
TOP MH - 808.23'
INV IN - 802.7'
INV OUT - 802.0'

(24) MAHNOLE
TOP MH - 811.46'
INV IN - 808.1'
INV OUT - 808.1'

(25) CURB INLET
TOP MH - 810.74'
INV OUT - 805.8'

(26) CURB INLET
TOP MH - 810.33'
INV IN - 804.8'
INV OUT - 804.8'

(27) MAHNOLE
TOP MH - 810.78'
INV IN - 803.2'(A)
INV IN - 800.5'(B)
INV IN - 802.9'(C)
INV OUT - 800.5'

(27A) MANHOLE
TOP MH - 818.74'
INV IN - 810.4'
INV OUT - 801.6'

(28) CURB INLET
TOP MH - 821.37'
INV OUT - 814.67'

(29) CURB INLET
TOP MH - 814.15'
INV OUT - 809.3'

(30) CURB INLET
TOP MH - 818.87'
INV IN - 809.2'
INV OUT - 809.1'

(31) GRATE INLET
PLASTIC BARREL
TOP - 818.91'
INV - 809.0'

(32) GRATE INLET
PLASTIC BARREL
TOP - 821.90'
INV - 810.1

(33) CURB INLET
TOP MH - 819.53'
INV OUT - 811.4'

(33A) GRATE INLET
TOP - 819.55'
INV - 810.1'

(33B) GRATE INLET
TOP - 820.0'
INV - 809.8'

(34) MANHOLE
TOP - 821.22'
INV IN - 809.9'
INV OUT - 810.1'

(35) CURB INLET
TOP MH - 816.21'
INV IN - 811.7'(STUB)
INV OUT - 810.8

(36) CURB INLET
TOP MH - 820.22'
INV IN - 810.2'(A)
INV IN - 810.2'(B)
INV OUT - 810.2'
TOP OF INLET OFFSET FROM BARREL.
ELEVATIONS SHOWN ARE APPROXIMATE

(37) CURB INLET
TOP MH - 820.35'
INV OUT - 816.0'

(38) CURB INLET
TOP MH - 822.37'
INV IN - 813.7'(A)
INV IN - 813.8'(B)
INV OUT - 813.7'

(39) CURB INLET
TOP MH - 824.85'
INV IN - 814.8'(A)
INV IN - 814.8'(B)
INV OUT - 814.6'

(40) GRATE INLET
TOP MH - 822.03'
INV OUT - 817.5'

(41) CURB INLET
TOP MH - 824.85'
INV IN -815.8'
INV OUT - 815.3'

(42) GRATE INLET
TOP MH - 823.94'
INV IN - 819.3'
INV OUT - 818.4'

(42A) MANHOLE
TOP MH - 826.56'
INV IN - 821.4'(A)
INV IN - 821.6'(B)
INV IN - 822.6'(C)
INV OUT - 821.2'

(43) CURB INLET
TOP MH - 828.05'
INV OUT - 823.1'

(44) GRATE INLET
@ END TRENCH DRAIN
TOP - 823.50'
INV OUT - 822.0'

(45) GRATE INLET
@ END TRENCH DRAIN
TOP - 825.53'
INV OUT - 823.6'

(46) GRATE INLET
TOP - 828.62'
INV IN - 825.2'
INV OUT - 823.9'

(47) GRATE INLET
TOP - 828.74'
INV IN - 823.7
INV OUT - 823.6'

(48) GRATE INLET
TOP - 832.94'
INV OUT - 825.1'

(49) CURB INLET
TOP MH - 832.72'
INV IN - 822.3'(A)
INV IN - 822.5'(B)
INV IN - 822.5(C)
INV OUT - 822.5'

(50) CURB INLET
TOP MH - 836.66'
INV IN - 829.9'
INV OUT - 829.9'

(51) GRATE INLET
TOP - 835.09'
INV OUT - 831.8'

(52) GRATE INLET
TOP - 828.26'
INV IN - 823.5'(A)
INV IN - 817.8'(B)
INV IN - 823.6'(C)
INV OUT - 817.9

(53) MANHOLE
TOP - 823.37'
INV IN - 811.6'(A)
INV IN - 811.7'(B)
INV OUT - 811.7'

(54) MANHOLE
TOP - 815.23'
INV IN - 812.8'
INV OUT - 812.5'

(55) CURB INLET
TOP MH - 816.19'
INV OUT - 813.0'

(56) CURB INLET
TOP MH - 815.89'
IN IN - 812.3'
INV OUT - 811.9'

(57) CURB INLET
TOP MH - 822.20'
IN IN - 813.2'
INV OUT - 813.1'

(58) CURB INLET
TOP MH - 823.74'
INV OUT - 819.6'

(59) CURB INLET
INV IN-835.4'
INV OUT-835.3

(60) MANHOLE
TOP-836.37'
INV IN-831.3'(A)
INV IN-831.4'(B)
INV OUT-831.3'

(61) GRATE INLET
TOP-834.3'
INV IN-833.0'
INV OUT-832.0'

(62) MANHOLE
TOP-833.06'
INV IN-829.6'
INV OUT-829.5'

(63) CURB INLET
INV OUT-829.6'

(64) CURB INLET
INVERT DATA TO
NEEDS TO BE
RECORDED

(65) CURB INLET
INV IN-828.0'(A)
INV IN-822.1'(B)
INV IN-827.8'(C)
INV OUT-818.2'

(66) MANHOLE
TOP-833.08'
INV IN-817.5'
INV OUT-817.5'

(67) CURB INLET
INV IN-?'
INV OUT-828.3'

(68) CURB INLET
FULL OF DEBRIS

(69) CURB INLET
INV IN-830.7'
INV OUT-830.5'

(70) CURB INLET
INV IN-833.3'
INV OUT-833.2'

(71) CURB INLET
FULL OF DEBRIS

(72) CURB INLET
INV IN-834.4'(A)
INV IN-834.6'(B)
INV OUT-834.4'

(73) CURB INLET
TOP MANHOLE
840.82'
INV IN-836.4'
INV OUT-835.5'

(74) CURB INLET
INV OUT-836.8'

(75) CURB INLET
INV IN-835.8'
INV OUT-835.8'

(76) CURB INLET
TOP MANHOLE-841.50'
FULL OF DEBRIS

(77) CURB INLET
FULL OF DEBRIS

(78) GRATE INLET #78
TOP-802.9'
INV IN-799.4'
INV OUT-499.4'

(79) GRATE INLET #79
TOP-802.9'
INV IN-798.1'
INV OUT-798.1'

(80) DI #80
DROP INLET
GRATE-803.4'(LOWEST CORNER)
INV OUT-798.7'

(81) DI #81
SLOT INLET
TOP-817.99'(HI END)
TOP-817.30'(LOW END)
INV OUT-815.0'

PROJECT	SHEET NO.
U000-118-286	2B

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

PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E.(434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc.(804) 340-5229
DESIGN BY McCormick Taylor, Inc.(540) 248-0382
SUBSURFACE UTILITY BY, DATE

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) GENERAL INFORMATION SHEET (1)

The information contained in the SWPPP General Information sheets is intended to comply with the requirements of the General VPDES Permit For Discharges Of Stormwater From Construction Activities (VAR10) (the CGP) issued July 1, 2024 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-LD-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 ** Duly Authorized Representative Signature"

Signature: _____
Printed Name: _____
Date:_____

(1) See Section 1, Item 12 relating to delegation of authority, and form LD-445H (Delegation of Authority).

ACRONYMS

ACE - Area Construction Engineer
AS&S - Annual Standards and Specifications
BMP - Best Management Practice
CBPA - Chesapeake Bay Preservation Act
CGP - General VPDES Permit For Discharges of Stormwater from Construction Activities (VAR10)
DEQ - Department of Environmental Quality
DHE - District Hydraulic Engineer
EPA - U.S. Environmental Protection Agency
ESC - Erosion and Sediment Control
IIM - Instructional and Informational Memorandum
NPDES - National Pollutant Discharge Elimination System
R&B - Road and Bridge
RLD - Responsible Land Disturber
SWM - Stormwater Management
SWPPP - Stormwater Pollution Prevention Plan
TMDL - Total Maximum Daily Load
VDOT - Virginia Department of Transportation
VESMP - Virginia Erosion and Stormwater Management Program
VPDES - Virginia Pollutant Discharge Elimination System
WLA - Waste Load Allocation

SECTION I GENERAL INFORMATION

1. Activity Description - This project intends to improve the intersection of US Route 501 and US Route 221 through the design of a two-way split pair intersection. This configuration is inteded to create two separate intersections.

2. This land disturbance roadway activity site is located in Lynchburg and approximately 30.59 acres will be disturbed by excavation, grading or other construction activities.

3. A. This proposed activity disturbs one acre or greater and requires coverage under the CGP as issued by the DEQ. A copy of the CGP (VAR10), the registration information (Registration Statement, 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.

** 4. The location of support facilities that will be covered under the CGP coverage for this land disturbance (construction) activity shall be provided by the contractor and identified on a legible map. 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 involve land disturbance or pollutant-generating activities of its own. Must also include areas where polymers, flocculants, or other stormwater treatment chemicals will be used or stored. Only support facilities within the VDOT ROW and easements are covered under this CGP.

** 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 CGP coverage letter: (List VPDES Permit * or Letter from VESMP Authority stating coverage not needed)

Impaired waters, TMDLs, Exceptional waters, and Turbidity Monitoring

6. Does stormwater from this land disturbing activity discharge into surface waters that have been identified as impaired in the 2022 305(b)/303(d) Water Quality Assessment Integrated Report for Benthic Macroinvertebrates Bioassessments? (See latest DEQ Environmental Mapper)

☐ No
☒ Yes
List impaired water(s) here: BLACKWATER CREEK, IVY CREEK

7. Does stormwater from this land disturbing activity discharge into a watershed with a TMDL waste load allocation established prior to July 1, 2024 for sediment, total suspended solids, turbidity, nitrogen or phosphorus, including all surface waters within the Chesapeake Bay Watershed?

☐ No
☒ Yes
List TMDL(s) and pollutant(s) here:

8. Does stormwater from this land-disturbing activity discharge stormwater to surface waters that have been identified as Exceptional in 9VAC25-260-30.A.3.c of the Water Quality Standards regulation?

☐ No
☐ Yes
List name of surface waters:

9. If "NO" was answered in note 6, 7, and 8, then items a, b, c and d (below) shall be implemented and adhered to for this land-disturbing activity.
If "Yes" was answered in note 6, 7, or 8, then the requirements of Part I.B.4.a or Part I.B.5, as applicable, of the Construction General Permit shall be implemented and the operator shall ensure the following SWPPP requirements are adhered to for this land-disturbing activity:
a. Permanent or temporary soil stabilization shall be applied to denuded areas within seven (7) days after final grade Is reached on any portion of the construction site.
b. Temporary and permanent stabilization will be applied as noted and in accordance with ESC Minimum Standards 1 and 3.
c. Nutrients (e.g., fertilizers) shall be applied in accordance with manufacturers recommendations or an approved nutrient management plan and shall not be applied during rainfall events; Nutrients are being applied per the projects Roadside Development sheet.
d. Inspections shall be conducted at a frequency of (i) at least once every four (4) business days or (ii) at least once every (5) business days and no later than 24 hours following a measurable storm event. In the event that a measurable storm event occurs when there are more than 24 hours between business days, the inspection shall be conducted on the next business day; and Inspections are being completed at least every four (4) business days (C-107s are completed on Mondays and Thursdays) Representative inspections used by utility line installation, pipeline construction, or other similar linear construction activities shall inspect all outfalls.
e. Turbidity Monitoring Requirement - Undertake one of the methods identified In Part II.B.8. of the CGP for controlling and documenting construction dewatering discharges.

10. 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 site maps) for this land disturbance(construction) activity. (List name of surface waters and locations here if not shown in construction plan or other such documents).

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

12. List the RLD and other responsible parties for the land disturbance activity: (required for erosion and sediment control). The following individual(s) are "duly authorized" to sign all reports required by the CGP including the SWPPP General Information Sheets and Inspection Reports (C-107). Reference form LD-445H for Duly Authorized Representatives (form LD-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	Qualifications (if required)	Responsibility
	RLD		Certify the SWPPP (with date & sig.)
	Certified Contractor		Sign (C-107) Inspection Form Part 1
	Certified Inspector		Sign (C-107) Inspection Form Part 1
	Certified Inspector		Sign (C-107) Inspection Form Part 2

* 13. 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 following individual(s) are "duly authorized' to sign all reports required by the CGP including the SWPPP General Information Sheets and Inspection Reports (C-107). Reference for LD-445H for Duly Authorized Representatives (form LD-445H for the project is hereby incorporated by reference into this SWPPP). The names will be updated and maintained with the other SWPPP documents for this land disturbance activity.

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2F(1)

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

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER

VDOT Individuals	Position	Qualifications (if required)	Responsibility
	NPDES		NPDES coordinator or designee(s) 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).
	ACE		Project Manager during Construction

* 14. 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 *15) as defined in R&B Specifications identified on the title sheet except for Section 107 an Inspection Requirements Rain gauge notes apply only to Inspection Schedule 1.

If the operator must make the same repairs more than two times to the same control at the same location, even if the fix can be completed by the close of the next business day, the operator shall either:

- Complete work to fix any subsequent repeat occurrences of this same problem under the corrective action procedures in Part II H, including keeping any records of the condition and how it was corrected under Part II C: or

- Document in the inspection report under Part II G why the specific reoccurrence of this same problem should still be addressed as a routine maintenance fix.

** 15. 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 "_____" 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.

A discharge caused by snow melt (from a snow event producing 3.25 inches or more of snow within a 24-hour period). The operator is required to conduct one inspection once the discharge of snow melt occurs. Additional inspections are only required if, following the discharge from the first snow melt, there is a discharge from a separate storm event.

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.

16. 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, SWM, 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)
VDOT LD-445H: Permitted projects only.
VDOT C-107 Part I (All projects that require a SWPPP).
VDOT C-107 Part II (Only for Permitted Projects).
VDOT LD-445I: AS&S Approval Form (when applicable)
VDOT LD-445J: Off-site Support/ Material Disposal Area Activities Tracking Form

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SWPPP Sheet 1 of 4

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

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

NOT TO SCALE	PROJECT	SHEET NO.
	U000-118-286	2F(1)

PROJECT MANAGER Dee Dee Conner, P.E.(434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc.(804) 340-5229
DESIGN BY McCormick Taylor, Inc.(540) 248-0382
SUBSURFACE UTILITY BY, DATE

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) GENERAL INFORMATION SHEET (2)

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2F(2)

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

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER

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

PH PLANS

SECTION II EROSION AND SEDIMENT CONTROL

✱✱ 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 of the VDOT R&B Specifications identified on the title sheet and shall be included with the other SWPPP documents for this land disturbance (construction) activity.

2. Existing and proposed drainage patterns on the construction site and approximate slopes anticipated before and 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.

✱✱ 7. A record of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the construction 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 and 303 of the VDOT R&B Specifications identified on the title sheet.

9. Nutrients shall be applied in accordance with the current edition of Sections 603, 604 and 605 of the VDOT Road and Bridge Specifications identified on the title sheet. Nutrients shall not be applied during rainfall events. Top soil shall be applied in accordance with the current edition of section 602 of the Road and Bridge Specifications identified on the title sheet.

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 (insert appropriate location, i.e., VDOT Central Office Hydraulics Section or the VDOT (specify) District Hydraulics Section or the VDOT (specify) 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. Changes noted on the designated record set of plans must address certification language with initial and date by duly authorized personnel.

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:
   a. Control the volume and velocity of stormwater runoff within the site to minimize erosion.
   b. Control the peak flow rates, volume and velocity of stormwater discharges to minimize erosion at outlets and in downstream channels.
   c. Minimize the amount of soil exposed.
   d. Minimize the disturbance of steep slopes.
   e. Minimize sediment discharge from the site.
   f. Provide and maintain natural buffers around surface waters, direct stormwater runoff to vegetated areas and maximize stormwater infiltration, unless infeasible.
   g. Minimize soil compaction (except ~~in~~ those areas where compaction is required by the contract documents) and preserve topsoil where feasible.

✱✱ 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 identified on the title sheet. Construction entrances shall be maintained as necessary, including the addition of additional rock, as part of routine maintenance.

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 VESMP Regulation have been approved by the DEQ for this land disturbance (construction) activity: (list all approved variances, exceptions, deviations and include a brief description of the variance, the date approved and the approving DEQ Office).

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

(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.
(4) Description and request

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, strike through or mark as NA those notes not applicable.)

1. (Include one of the following notes as appropriate)

✱ A. This land disturbance activity is grandfathered under Section 9VAC25-875-490 of the VESMP Regulations and utilizes the technical criteria (Formerly Part IIC of the technical criteria) contained in Artcle 4 (9VAC25-875-670, et seq.) of the VESMP Regulations.

✱ B. This land disturbance activity utilizes the technical criteria contained in Article 3 (9VAC25-875-570, et seq.) of the VESMP Regulations (Formerly Part IIB of the technical criteria).

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 VESMP Regulation have been approved by the DEQ for this land disturbance activity: (list all approved variances, exceptions/deviations and include a brief description, the date approved and the approving DEQ Office)

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

(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) Description of request

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

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 (insert appropriate location, i.e., VDOT Central Office Hydraulics Section or the VDOT (specify) District Hydraulics Section or the VDOT (specify) Residency Office) and will be made available for review upon request during normal working business hours.

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

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

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SWPPP Sheet 2 of 4

NOT TO SCALE	PROJECT	SHEET NO.
	U000-118-286	2F(2)

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

PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E.(434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc.(804) 340-5229
DESIGN BY McCormick Taylor, Inc.(540) 248-0382
SUBSURFACE UTILITY BY, DATE

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) GENERAL INFORMATION SHEET (3)

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2F(3)

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

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER

The information contained in the SWPPP General Information sheets is intended to comply with the requirements of the General VPDES Permit For Discharges Of Stormwater From Construction Activities (the CGP) issued July 1, 2024 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 (construction) 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 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.

SECTION IV SWPPP

1. All documents related to the SWPPP for this land disturbance (construction) activity shall be maintained at the activity site and shall be readily available for review upon request during normal business hours. Such documents include, but are not limited to, the construction plans (or other such documents), the ESC Plan, the Pollution Prevention Plan, the post construction SWM Plan (if applicable), the VDOT R&B Standards and Specifications, Supplemental Specifications, Special Provisions and Special Provision Copied Notes. Documents related to stormwater pollution prevention which are not a part of those documents referenced above, such as copies of the CGP coverage letter (when applicable) and the CGP (when applicable) and those required to be developed by the contractor for pollution prevention associated with any support facilities being included in the CGP coverage for this land disturbance (construction) activity are to be maintained at the activity site with the other SWPPP documents for this land disturbance (construction) activity. Where no facilities are available at the activity site to maintain the SWPPP documents, they are to be kept by or with the designated RLD at a location convenient to the activity site where they would be made available for review upon request during normal business hours.

2. The SWPPP and any subsequent amendments, modifications and updates shall be signed and certified as necessary to comply with the CGP, and shall be implemented from commencement of land disturbance until termination of CGP coverage or completion of land disturbance (construction) activities where no CGP coverage is required.

** 3. For all support facilities that will be included in the CGP coverage for this land disturbance (construction) activity, the contractor shall develop a SWPPP in accordance with, but not limited to, Section 106 and 107 of the VDOT Road and Bridge Specifications identified on the title sheet. The SWPPP for the support facilities shall be maintained with and become a component of the SWPPP for this land disturbance (construction) activity. 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.

4. For those land disturbing (construction) activities requiring coverage under the CGP, the SWPPP shall be made available for review upon the request of the DEQ, the EPA, the VESMP Authority, the VESCP Authority, local government officials or the operator of a municipal separate storm sewer system (MS4) receiving discharge from the construction site.

* 5. For those land disturbing (construction) activities requiring coverage under the CGP, the VDOT RLD shall post, or have posted, a copy of the CGP coverage letter and a copy of a completed LD-445A form, noting the name and contact information for the VDOT person responsible for the land disturbing (construction) activity and its SWPPP, outside the project's construction office along with other Federal and State mandated information. The copy of the notice of coverage letter shall be visible such that it can be readily viewed from a public right-of-way. Where there is no construction office (e.g., a maintenance activity), the permit coverage letter and the LD-445A form are to be maintained with the other SWPPP documents for the land disturbing (construction) activity.

6. The SWPPP shall be made available for review by the public upon request. Such reviews shall be at a time and publicly accessible location convenient to the public and shall be scheduled during normal business hours and no less than once per month.

SECTION V - POLLUTION PREVENTION PLAN

1. The following non-stormwater discharges from this land disturbing (construction) activity and any support facilities covered by this permit are prohibited:
   a. Wastewater from concrete washouts.
   b. Wastewater from the washout or clean out of stucco, paint, from release oils, curing compounds and other construction materials.
   c. Fuels, oils or other pollutants used in vehicle and equipment operation and maintenance.
   d. Oils, toxic substances or hazardous substances from spills or other releases.
   e. Soaps, solvents or detergents used in equipment and vehicle washing.
   f. There shall be no discharge of floating solids or visible foam in other than trace amounts.

2. The following non-stormwater discharges from this land disturbing (construction) activity and any support facilities are allowed when discharged in compliance with this CGP:
   a. Discharges from emergency fire fighting activities.
   b. Fire hydrant flushings managed to avoid an instream impact.
   c. Waters used to wash vehicles or equipment, provided no soaps, solvents or detergents are used and the wash water is filtered, settled or similarly treated prior to discharge.
   d. Water used to control dust that is filtered, settled or similarly treated prior to discharge.
   e. Potable water including uncontaminated waterline flushings managed in a manner to avoid stream impacts.
   f. Routine external building wash down, provided no soaps, solvents or detergents are used, external building surfaces do not contain hazardous substances, and the wash water is filtered, settled or similarly treated prior to discharge.
   g. Pavement wash waters, provided spills or leaks of toxic or hazardous materials have not occurred (unless all spilled or leaked material is removed prior to washing), soaps, solvents or detergents are not used and the wash water is filtered, settled or similarly treated prior to discharge.
   h. Uncontaminated air conditioning or compressor condensate.
   i. Uncontaminated ground water or spring water.
   j. Foundation or footing drains, provided flows are not contaminated with process materials such as solvents or contaminated groundwater.
   k. Uncontaminated excavation dewatering, including dewatering trenches and excavations that are filtered, settled or similarly treated prior to discharge.
   l. Landscape irrigation.

** 3. The contractor shall develop a Pollution Prevention Plan to address any operations that have a potential to generate a pollutant that may reasonably be expected to affect the quality of stormwater discharges from this land disturbance (construction) activity. The Pollution Prevention Plan shall be developed in accordance with, but not limited to, Sections 106 and 107 of the VDOT Road and Bridge Specifications identified on the title sheet and shall include a narrative with appropriate plan detail and shall:
   a. Identify the potential pollutant-generating activities and the pollutant that is expected to be exposed to stormwater.
   b. Describe the location where the potential pollutant-generating activities will occur, or if identified on the record set of plans, reference the record set of plans.
   c. Identify all non-stormwater discharges, as described in note two of this section, that are or will be commingled with stormwater discharges from the construction activity, including any on-site support activities.
   d. Identify the person(s) or contractor(s) responsible for implementing and maintaining the pollution prevention practices for each pollutant-generating activity.
   e. Describe the pollution prevention practices and procedures that will be implemented to:
      1) Prevent and respond to leaks, spills, and other releases, including procedures for expeditiously stopping, containing, and cleaning up spills, leaks, and other releases, and procedures for reporting leaks, spills, and other releases in accordance with Section 107 of the VDOT Road and Bridge Specifications identified on the title sheet and the requirements within the CGP.

      2) Prevent the discharge of spilled and leaked fuels and chemicals from vehicle fueling and maintenance activities.

      3) Prevent the discharge of soaps, solvents, detergents, and wash water from construction materials, including procedures for the clean-up of stucco, paint, form release oils, and curing compounds.

      4) Minimize the discharge of pollutants from vehicle and equipment washing, wheel wash water, and other types of washing.

      5) Direct concrete wash water into a leakproof container or leakproof settling basin designed so that no overflows can occur due to inadequate sizing or precipitation. Hardened concrete wastes shall be removed and disposed of in a manner consistent with the handling of other construction wastes. Liquid concrete wastes shall be removed and disposed of in a manner consistent with the handling of other construction wash waters and shall not be discharged to surface waters, disposed of through infiltration, or otherwise disposed of on the ground.

      6) Minimize the discharge of pollutants from storage, handling, and disposal of construction products, materials, and wastes including building products (such as asphalt sealants, copper flashing, roofing materials, adhesives, and concrete admixtures), pesticides, herbicides, insecticides, fertilizers, landscape materials, construction and domestic wastes (such as packaging materials), scrap construction materials, masonry products, timber, pipe and electrical cuttings, plastics, styrofoam, concrete, and other trash or building materials.

      7) Prevent the discharge of fuels, oils, and other petroleum products, hazardous or toxic wastes, waste concrete and sanitary wastes.

      8) Address any other discharge from any potential pollutant-generating activity not listed herein.

      9) Minimize the exposure of waste materials to precipitation by closing or covering waste containers during precipitation events and at the end of the business day, or implementing other similarly effective practices. Minimization of exposure is not required in case where the exposure to precipitation will not result in a discharge of pollutants.

      10) Describe and implement procedures for providing pollution prevention awareness (including but not limited to prevention practices, disposal practices and appropriate disposal locations) for all applicable wastes (including any wash water), to appropriate personnel.

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

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

Revised 7/25/24
SWPPP Sheet 3 of 4

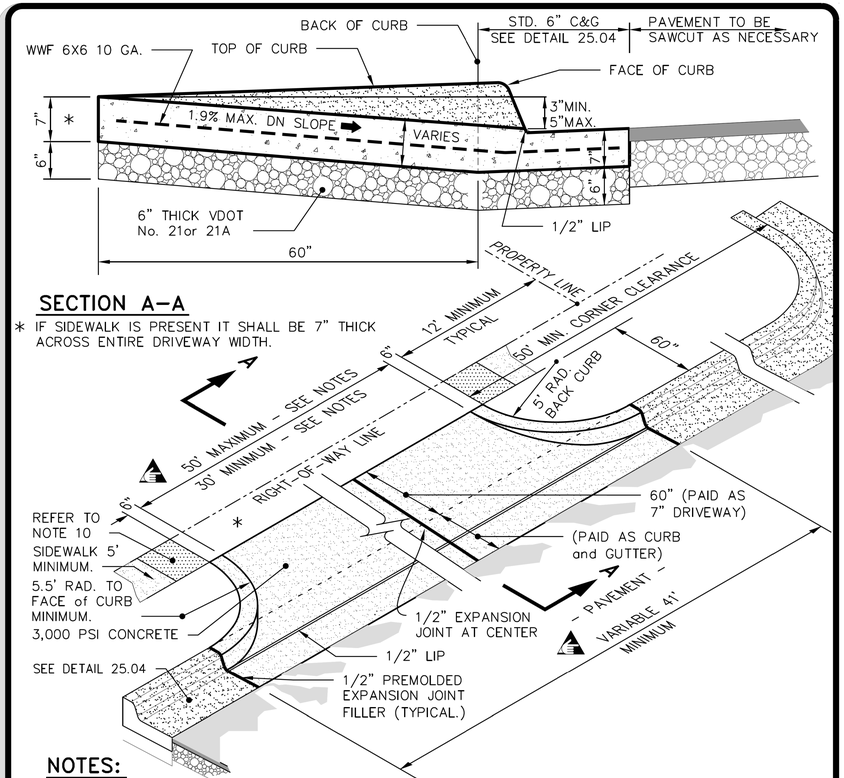
NOT TO SCALE	PROJECT	SHEET NO.
	U000-118-286	2F(3)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	21

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

ROADWAY DETAILS SHEET



SECTION A-A

* IF SIDEWALK IS PRESENT IT SHALL BE 7" THICK ACROSS ENTIRE DRIVEWAY WIDTH.

NOTES:

1. USE OF GUTTERPAN ACROSS ENTRANCE MAY BE WAVED BY APPROVAL OF CITY ENGINEER.
2. ENTRANCE WIDTH AND RADIUS SHALL BE SIZED TO ACCOMMODATE TURNING RADIUS OF PROPOSED TRUCKS TO/FROM SITE DEVELOPMENT.
3. VDOT STANDARDS MAY BE SUBSTITUTED IF APPROVED BY CITY ENGINEER.
4. GRAVEL DRIVEWAYS ON COLLECTOR AND ARTERIAL STREETS SHALL BE PAVED A MIN. OF 10 FEET FROM EDGE OF CURB OR TO THE RIGHT-OF-WAY LINE, WHICHEVER IS GREATER.
5. FOR ONE-WAY DRIVEWAY, THE WIDTH IS 15' MINIMUM and 24' MAXIMUM. ENTRANCE/EXIT SHALL BE MARKED ACCORDINGLY BY SIGN OR PAVEMENT ARROW.
6. ENTIRE ENTRANCE INCLUDING GUTTER AND APRON SHALL BE POURED MONOLITHICALLY.
7. WIDTH OF CURB & GUTTER SHALL MATCH WIDTH OF EXISTING CURB & GUTTER.
8. DRIVEWAY ENTRANCES TO BE APPROVED BY CITY ENGINEER PRIOR TO PLACEMENT OF CONC.

THE CITY OF LYNCHBURG

COMMERCIAL DRIVEWAY ENTRANCE

USE WITH THE CITY OF LYNCHBURG STANDARD SPECIFICATIONS ONLY

SCALE:	DETAIL #
NOT TO SCALE	25.12
REVISION DATE: 5-2024	SHEET #: 1 OF 2

5/28/2025 – 10:40:30am

NOTES:

9. CROSS AND SIDE RAMPS SHALL NOT EXCEED A SLOPE OF 12:1.
10. CROSS RAMP SHALL HAVE A TRUNCATED DOME PATTERN MEETING THE CURRENT AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG). THE TRUNCATED DOME PATTERN SHALL EXTEND THE FULL WIDTH OF THE CROSS RAMP BY 2 FEET IN LENGTH IN THE DIRECTION OF PEDESTRIAN TRAVEL. THE TRUNCATED DOME SURFACE SHALL BE RED IN COLOR TO PRODUCE A 70% CONTRAST WITH SURROUNDING CONCRETE SURFACES. RECOMMENDED MANUFACTURERS INCLUDE 2004 ADA COMPLIANT DETECTABLE WARNING PAVER BY PAVESTONE COMPANY AND STEP-SAFE BY TRANSPO INDUSTRIES, INC. DETECTABLE WARNING SURFACE SHALL BE INSTALLED WITH THE ELONGATED SIDE PARALLEL TO THE RAMP OPENING. PAVERS/ TILES SHALL BE RECESSED TO MOUNT FLUSH WITH THE SURROUNDING CONCRETE RAMP/SURFACE.
11. CURB RAMPS ARE TO BE LOCATED WHEREVER AN ACCESSIBLE ROUTE WITHIN THE RIGHT-OF-WAY OF A ROADWAY CROSSES AS SHOWN ON PLANS OR AS DIRECTED BY CITY ENGINEER AND SHOULD NOT BE LOCATED BEHIND VEHICLE STOP LINES, EXISTING LIGHT POLES, FIRE HYDRANTS, DROP INLETS, ETC.

THE CITY OF LYNCHBURG

COMMERCIAL DRIVEWAY ENTRANCE

USE WITH THE CITY OF LYNCHBURG STANDARD SPECIFICATIONS ONLY

SCALE:	DETAIL #
NOT TO SCALE	25.12
REVISION DATE: 5-2024	SHEET #: 2 OF 2

5/23/2024 – 9:41:02am

ADDITIONAL EASEMENT 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

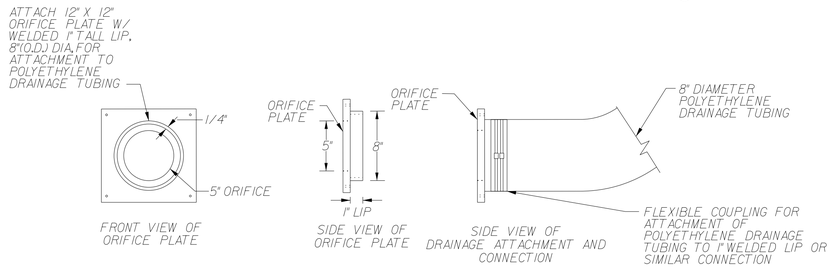
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

EROSION CONTROL DETAIL SHEET FOR SEDIMENT BASIN 1

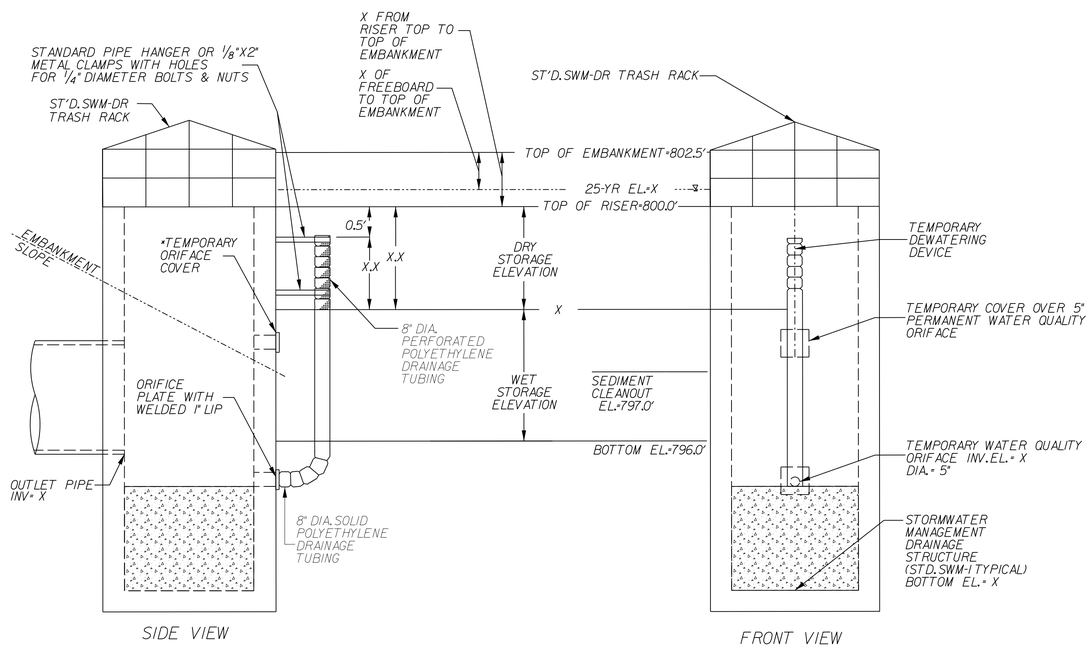
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2M(1)

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

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ~~HYDROLOGY ENGINEER~~



SEDIMENT BASIN CONTROL CONNECTION
(NTS)



*NOTE: TEMPORARY ORIFICE COVER: SATISFACTORALY PLUG THE 5" PERMANENT ORIFICE IN A WAY THAT'S LEAK-TIGHT YET CAN BE REMOVED IN THE FUTURE DURING THE BASIN CONVERSION AND RESULT IN MINMAL DAMAGE TO THE OUTLET STRUCTURE.

SWM-1 AND SWM-DR TEMPORARY SEDIMENT BASIN CONFIGURATION
(TYPICAL DETAILS NTS)

TEMPORARY SEDIMENT BASIN SUMMARY

BASIN ID	TOTAL DRAINAGE AREA	WET STORAGE REQUIRED	WET STORAGE PROVIDED	DRY STORAGE REQUIRED	DRY STORAGE PROVIDED	SEDIMENT CLEANOUT ELEVATION	TOP OF WET STORAGE	TOP OF DRY STORAGE
	(AC)	(CY)	(CY)	(CY)	(CY)	(FT)	(FT)	(FT)
SB-1	15.2	1018	X	1018	X	X	X	X

NOTES:

1. GRADE TEMPORARY SEDIMENT BASIN AS PER TEMPORARY GRADING ILLUSTRATED ON THIS PLAN. NOTE THAT THE TEMPORARY GRADING INCLUDES THE INTERIOR SIDE SLOPES OF THE BASIN AT FINAL GRADE, BUT THE BOTTOM GRADE ON A UNIFORM 1% GRADE TOWARD THE OUTLET STRUCTURE WHICH IS DIFFERENT OF THAT NEEDED FOR STORMWATER MANAGEMENT.
2. WHEN THE BASIN IS CONVERTED TO ITS PERMANENT CONFIGURATION, THE TEMPORARY ORIFICE PLATES AT DESIGNATED ELEVATION SHOWN ON THIS SHEET SHALL BE REMOVED AS SHOWN ON SWM PROFILE SHEET.
3. TEMPORARY SEDIMENT BASIN SHOULD NOT BE CONVERTED TO PERMANENT BASIN DESIGN CONFIGURATIONS UNTIL CONSTRUCTED AREA WITHIN THE DRAINAGE AREA TO THE BASIN HAS ACHIEVED FINAL STABILIZATION PER DEQ VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK SPECIFICATION 3.14.
4. SEQUENCE OF CONVERSION FROM TEMPORARY SEDIMENT BASIN TO FINAL/PROPOSED BIORETENTION SHALL BE AS FOLLOWS:
   A. DEWATER TEMPORARY SEDIMENT BASIN
   B. REMOVE ALL ACCUMULATED SEDIMENT
   C. EXCAVATE AND PREPARE SUBGRADE, INSTALL UNDERDRAIN, FOREBAY, AND PLANTING MEDIA AS SPECIFIED.
   D. REMOVE AND REPLACE ALL TEMPORARY RISER STRUCTURE ATTACHMENTS WITH THE DESIGNED PERMANENT FIXTURES
   E. ESTABLISH FINAL VEGETATION AS CALLED OUT ON THE PLANTING PLANS

NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2M(1)

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

EROSION CONTROL DETAIL SHEET FOR SEDIMENT BASIN 2

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2M(2)

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

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER

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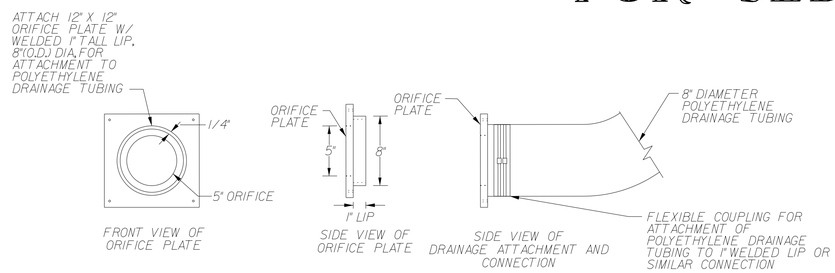
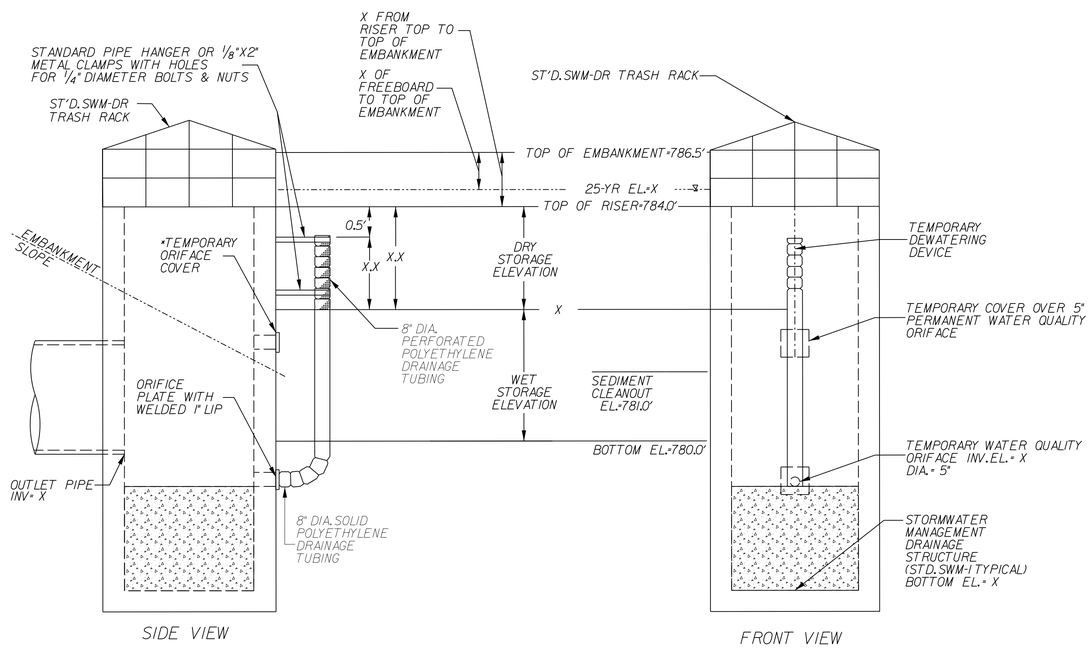


SEDIMENT BASIN CONTROL CONNECTION
(NTS)



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SWM-1 AND SWM-DR TEMPORARY SEDIMENT BASIN CONFIGURATION
(TYPICAL DETAILS NTS)

TEMPORARY SEDIMENT BASIN SUMMARY

BASIN ID	TOTAL DRAINAGE AREA	WET STORAGE REQUIRED	WET STORAGE PROVIDED	DRY STORAGE REQUIRED	DRY STORAGE PROVIDED	SEDIMENT CLEANOUT ELEVATION	TOP OF WET STORAGE	TOP OF DRY STORAGE
	(AC)	(CY)	(CY)	(CY)	(CY)	(FT)	(FT)	(FT)
SB-2	12.7	851	X	851	X	X	X	X

NOTES:

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   E. ESTABLISH FINAL VEGETATION AS CALLED OUT ON THE PLANTING PLANS

NOT TO SCALE	PROJECT U000-118-286	SHEET NO. 2M(2)

8/19/2026
1:00:20 PM

dll3116_02N(1).dgn
Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

STORMWATER MANAGEMENT BASIN
SHEET - SCM-1

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	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

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER

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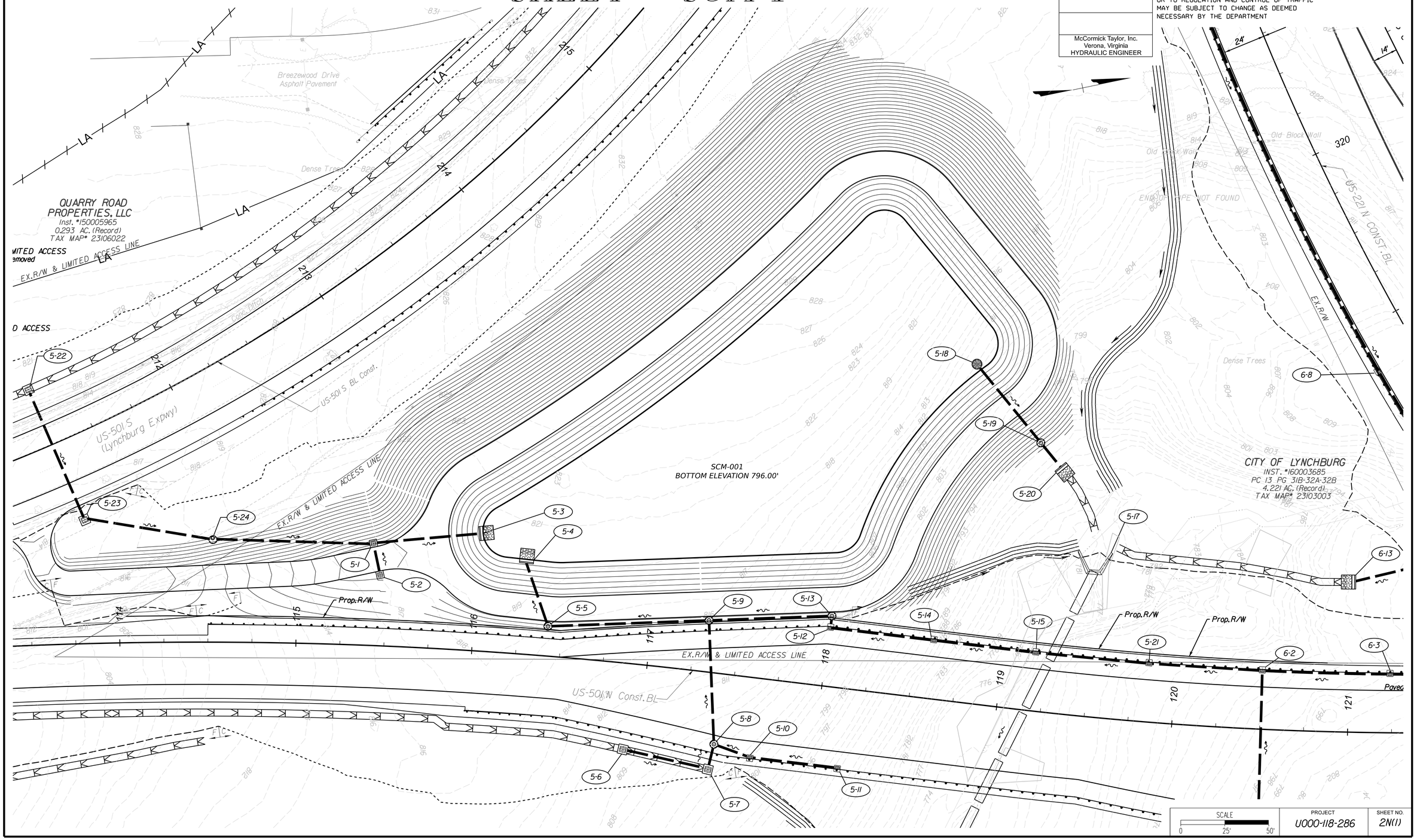
PH PLANS



SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	2N(1)

8/19/2026
1:00:38 PM

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Plotted By: cjturner

PROJECT MANAGER Dee Dee Cooper, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

STORMWATER MANAGEMENT BASIN
SHEET - SCM-2

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	2N(2)

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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Verona, Virginia
HYDRAULIC ENGINEER

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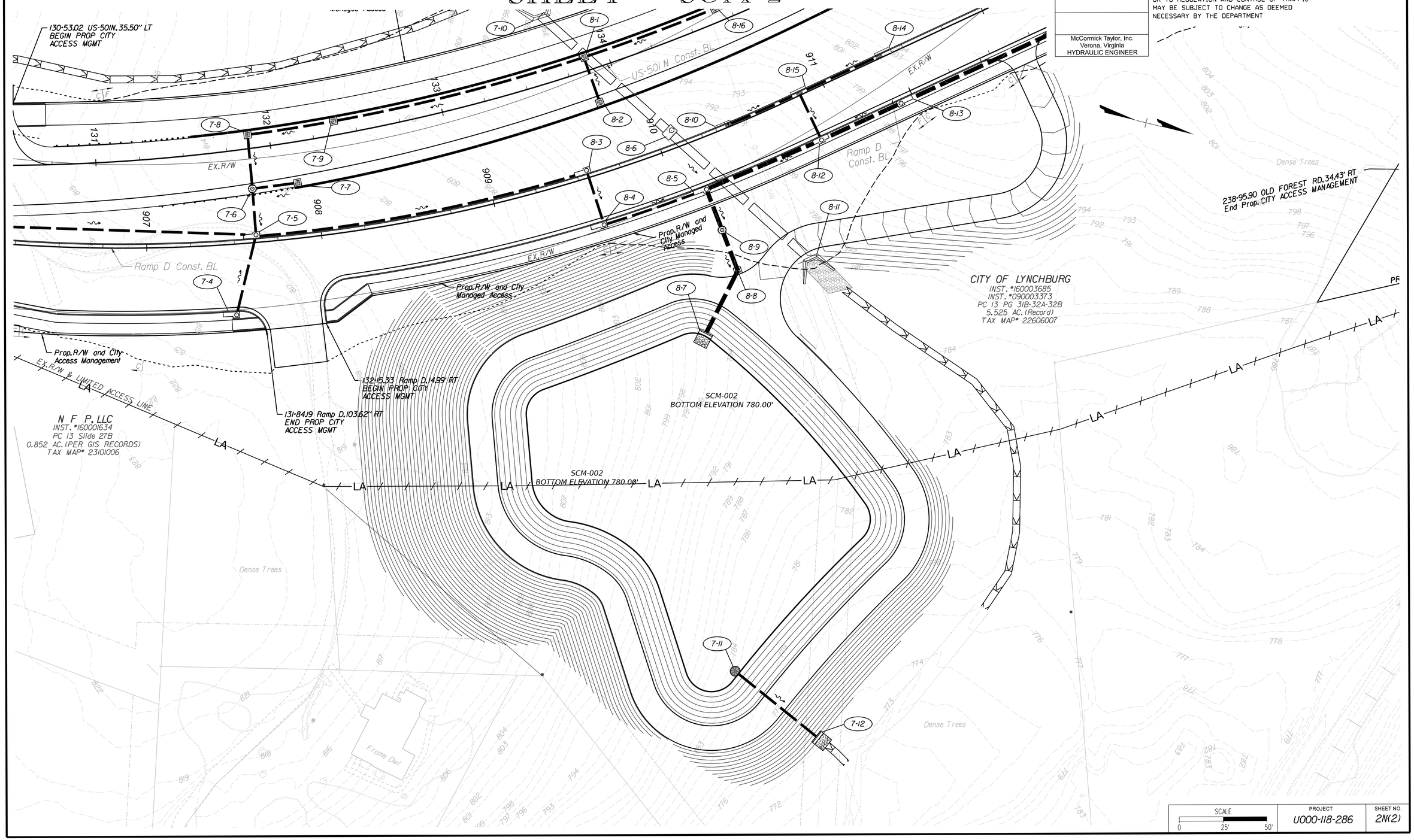

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	2N(2)

8/19/2026
1:01:57 PM

LIMITED ACCESS HIGHWAY By Resolution of the State Highway Commission dated January 29, 1970 and
By Resolution of the State Highway and Transportation Commission dated December 15, 1983

dll3116_03.dgn
Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	3

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

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER

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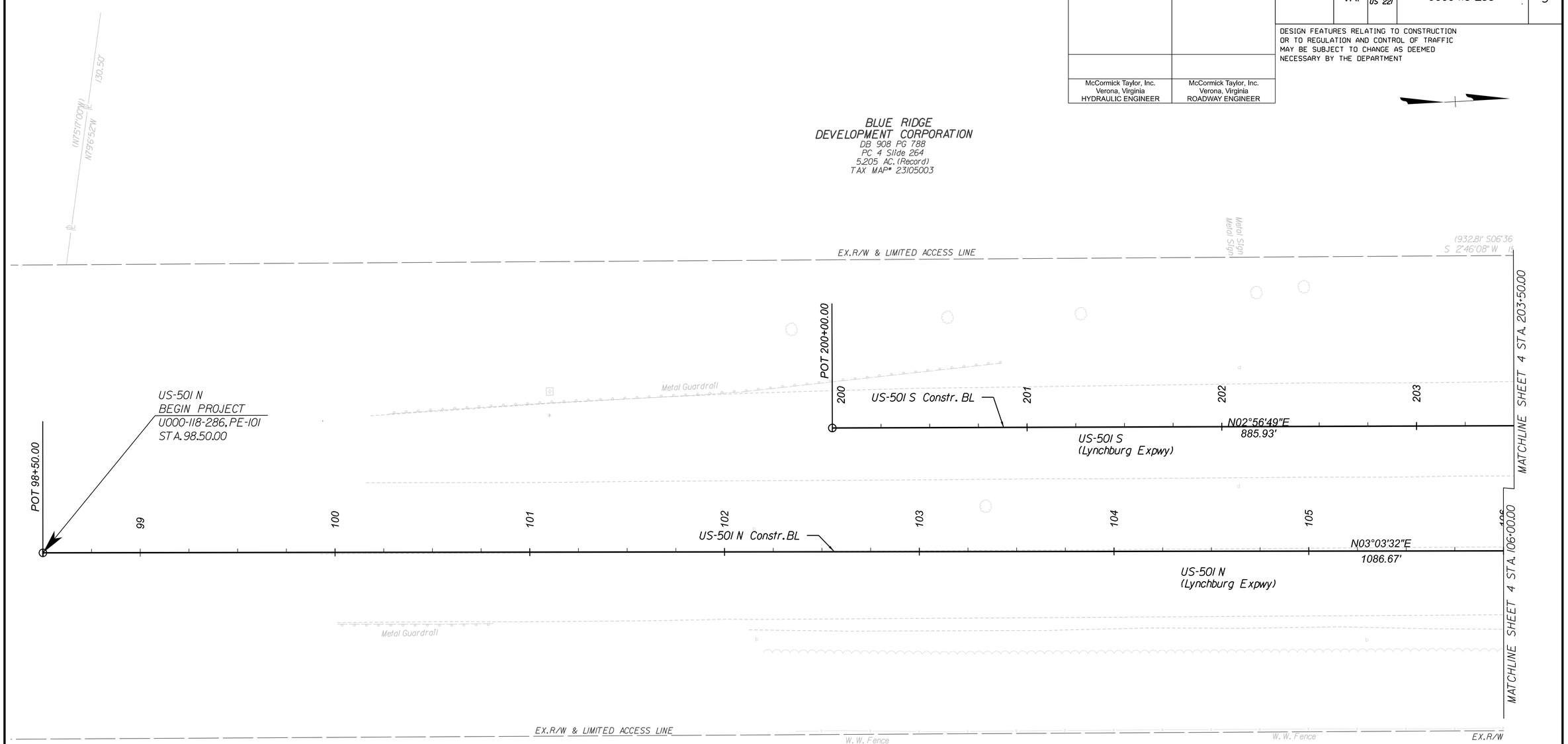

EE, LLC
INST. #070000890
PC 9 SLIDE 15-19
57.821 AC. (Record)
TAX MAP# 23104001

UTILITY OWNERS

City of Lynchburg Water
525 Taylor Street
Lynchburg, VA 24501
Scott Parkins
(434) 455-4284
Scott.Parkins@lynchburgva.gov

City of Lynchburg Sanitary Sewer
525 Taylor Street
Lynchburg, VA 24501
Eric Schrader
(434) 455-4080
Eric.Schrader@lynchburgva.gov

City of Lynchburg Traffic Signals
1700 Memorial Avenue
Lynchburg, VA 24501
Ryan Roberts
(434)455-3945
ryan.roberts@lynchburgva.gov

Verizon
553 Leesville Road
Lynchburg, VA 24502
Leslie Hudson
(434) 237-9522
leslie.e.hudson@verizon.com

Appalachian Electric Power
4001 Mayflower Drive
Lynchburg, VA 24501
Chris Adkins
(434) 522-4226
CAAdkins@aep.com

Columbia Gas
1500 Rutherford Street
Lynchburg VA 24501
Ashley Upson
(434) 238-1347
EUpson@nisource.com

Comcast
3920 Wards Road
Lynchburg, VA 24502
Mark Francis
(434) 996-8061
Mark_Francis@comcast.cable.com

INCIDENTAL LEGEND

1. St'd. CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd. MC-1
11. St'd. GR-MGS1 Req'd
12. St'd. GR-MGS2 Req'd
13. St'd. GR-MGS3 Req'd
14. St'd. GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd
18. Mod. GR-FOA-2, Type 1, Req'd
19. St'd. MS-1 Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C - - - - Denotes Construction Limits In Cuts
- F _ _ Denotes Construction Limits In Fills

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

Drainage Descr.	2D(1)-2D(4)
US-501 N Profile	3A
ESC Plan	3B
Right of Way Plan	3RW
Signing & Pavement Marking Plan	22(3)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	3

PH PLANS

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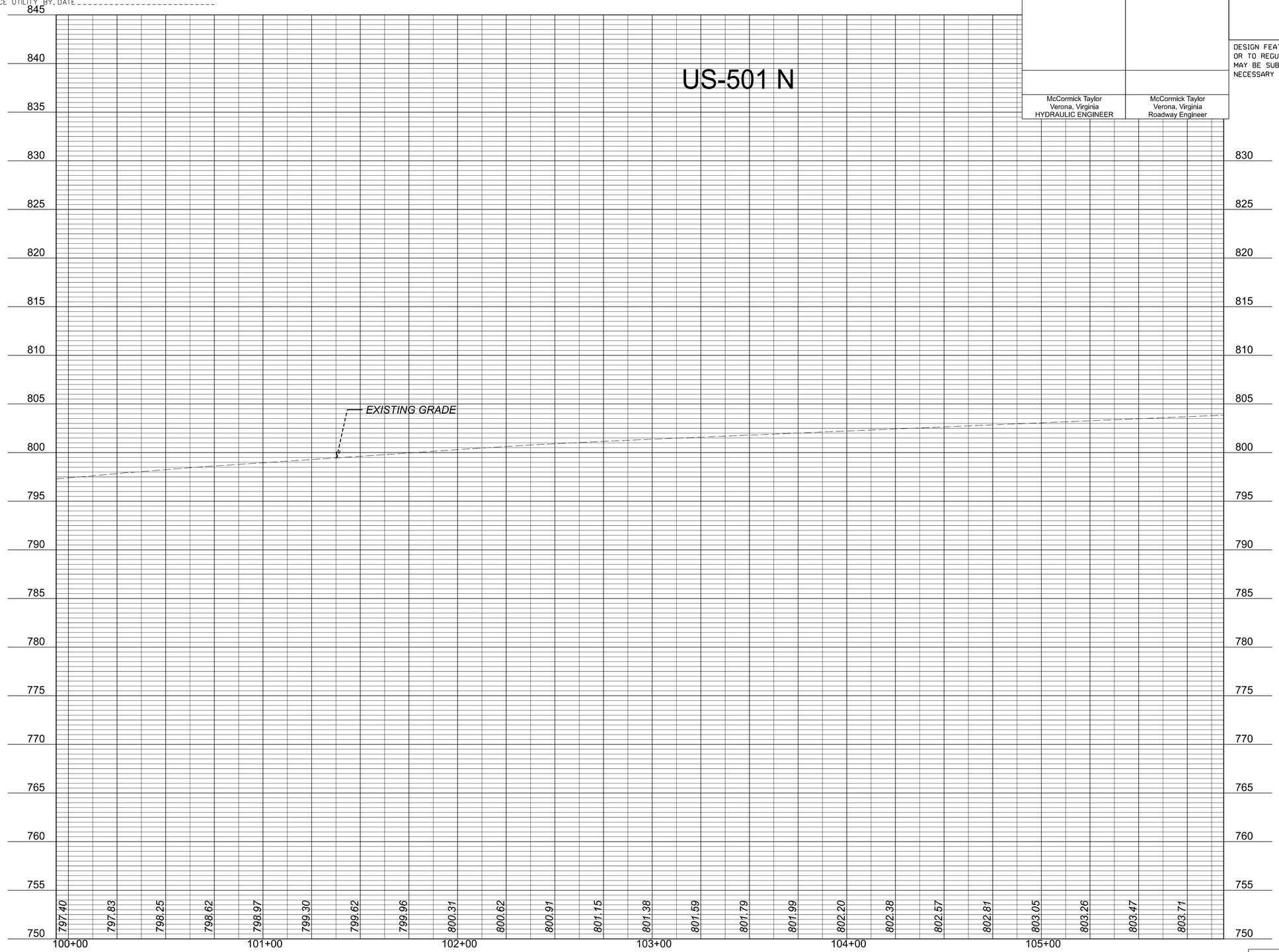
ADDITIONAL EASEMENT FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT OF WAY SHOWN ON THESE PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	3A(1)

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

McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 3A(1)

8/19/2026
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Plotted By: cjturner

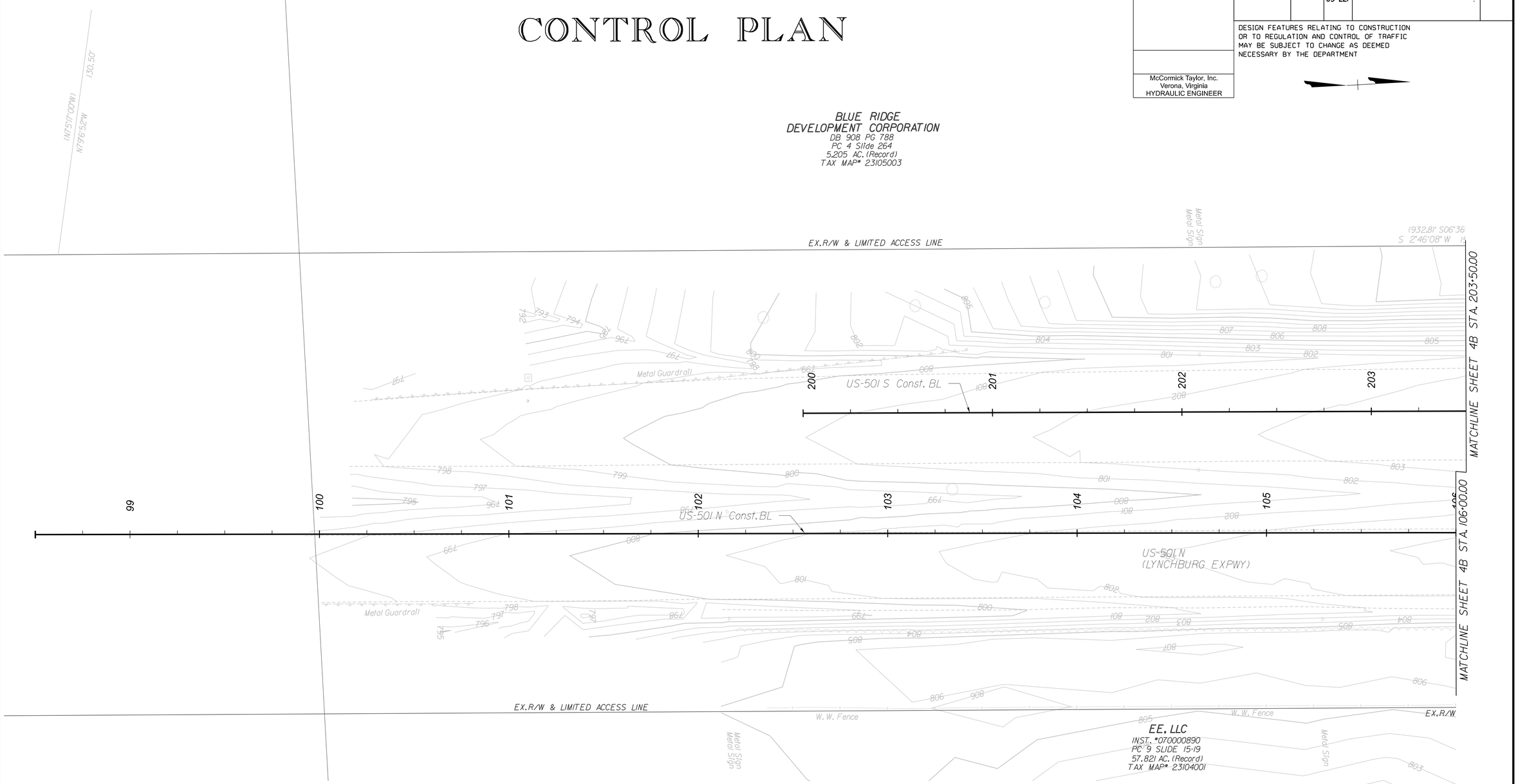
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

EROSION AND SEDIMENT CONTROL PLAN

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	3B

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

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER



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

Maintenance of Traffic	1G(1)-1G(III)
Drainage Descriptions	2D(1)-2D(4)
ESC General Notes	2F(X)
Plan Sheet	3

Legend

- EC-2 Ty.1, EC-2 Ty.2, EC-2 Ty.3, EC-2 Ty.4 — Denotes Protective Covering, St'd. EC-2
- EC-3 Ty.1, EC-3 Ty.2, EC-3 Ty.3 — Denotes Soil Stabilization Mat. St'd. EC-3 Type 1, 2 or 3
- TSF-B — Denotes Temporary Silt Fence Type B, St'd EC-5
- TSF-A — Denotes Temporary Silt Fence Type A, St'd EC-5
- RCD-1 — Denotes Rock Check Dam, Type I; St'd EC-4
- RCD-2 — Denotes Rock Check Dam, Type II; St'd EC-4
- IP-A — Denotes Inlet Protection, Type A; St'd EC-6
- IP-B — Denotes Inlet Protection, Type B; St'd EC-6
- IP-C — Denotes Inlet Protection, Type C
- LOD — Limit of Disturbance

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	3B

ADDITIONAL EASEMENT 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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LIMITED ACCESS HIGHWAY By Resolution of the State Highway Commission dated January 29, 1970 and
By Resolution of the State Highway and Transportation Commission dated December 15, 1983

dll3116_04.dgn
Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
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SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	4

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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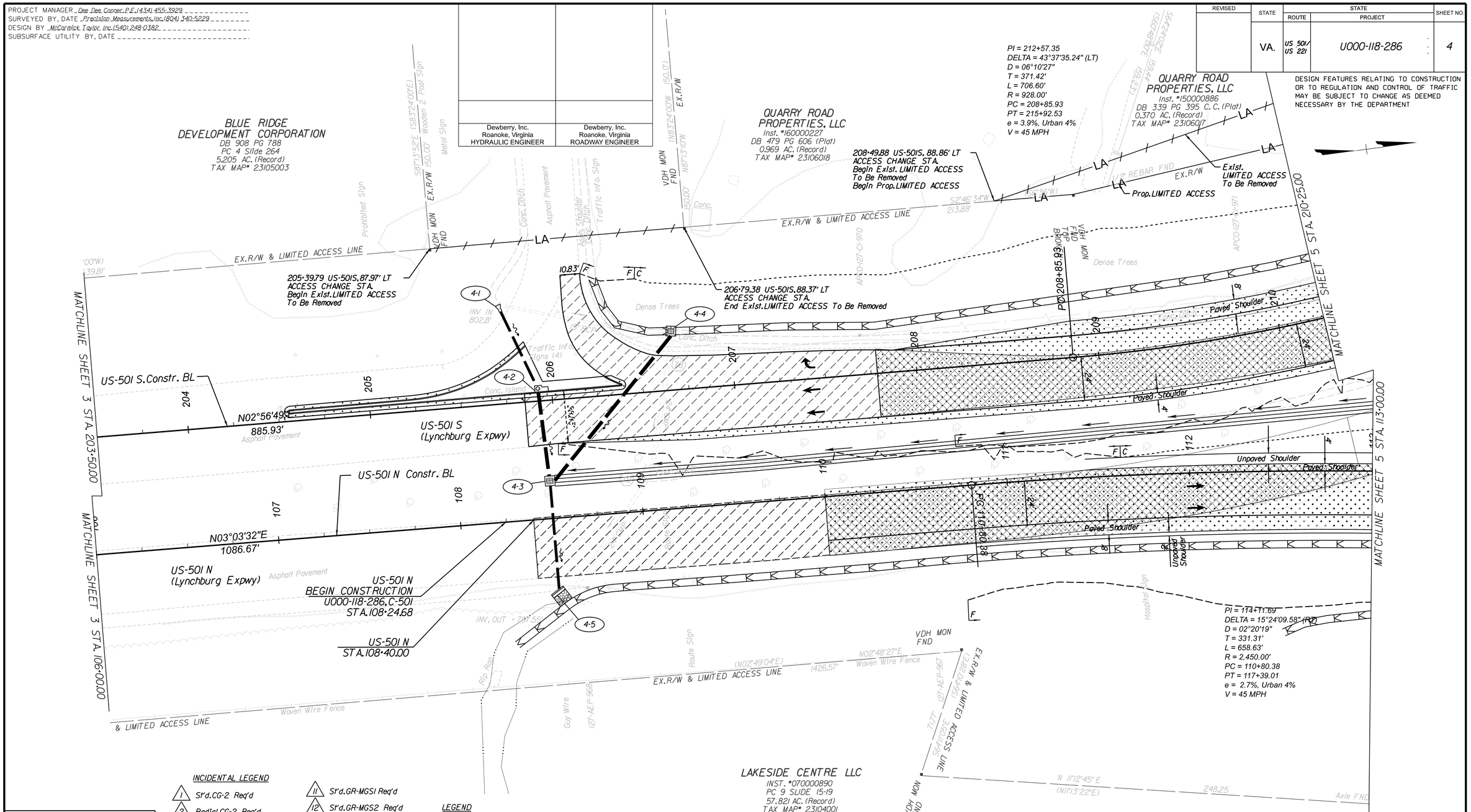
PH PLANS



Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER	SCALE 0 25' 50'	PROJECT U000-118-286	SHEET NO. 4

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

Drainage Descr.	2D(1)-2D(4)
US-501 N Profile	4A(1)
US-501 S Profile	4A(2)
ESC Plan	4B
Right of Way Plan	4RW
Signing & Pavement Marking Plan	22(4)

INCIDENTAL LEGEND

1 St'd. CG-2 Req'd
2 Radial CG-2 Req'd
3 St'd CG-3 Req'd
4 Radial CG-3 Req'd
5 St'd CG-6 Req'd
6 Radial CG-6 Req'd
7 St'd CG-12, Type B Req'd
8 St'd CG-12, Type C Req'd
9 Curb Cut Ramp Mod.
10 St'd. MC-1
11 St'd. GR-MGS1 Req'd
12 St'd. GR-MGS2 Req'd
13 St'd. GR-MGS3 Req'd
14 St'd. GR-MGS4 Req'd
15 Mod. GR-FOA-1, Type 1, Req'd
16 Remove Existing Guardrail
17 Full Depth Sawcut Req'd
18 Mod. GR-FOA-2, Type 1, Req'd
19 St'd. MS-1 Req'd

LEGEND

Denotes Proposed Roadway Pavement
Denotes Proposed Shared Use Path
Denotes Proposed Concrete Sidewalk
Denotes Milling and Overlay Pavement
Denotes Building Demolition
Denotes Landscaping area (see Landscaping Plans for details)
C Denotes Construction Limits In Cuts
F Denotes Construction Limits In Fills

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	4A(1)

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

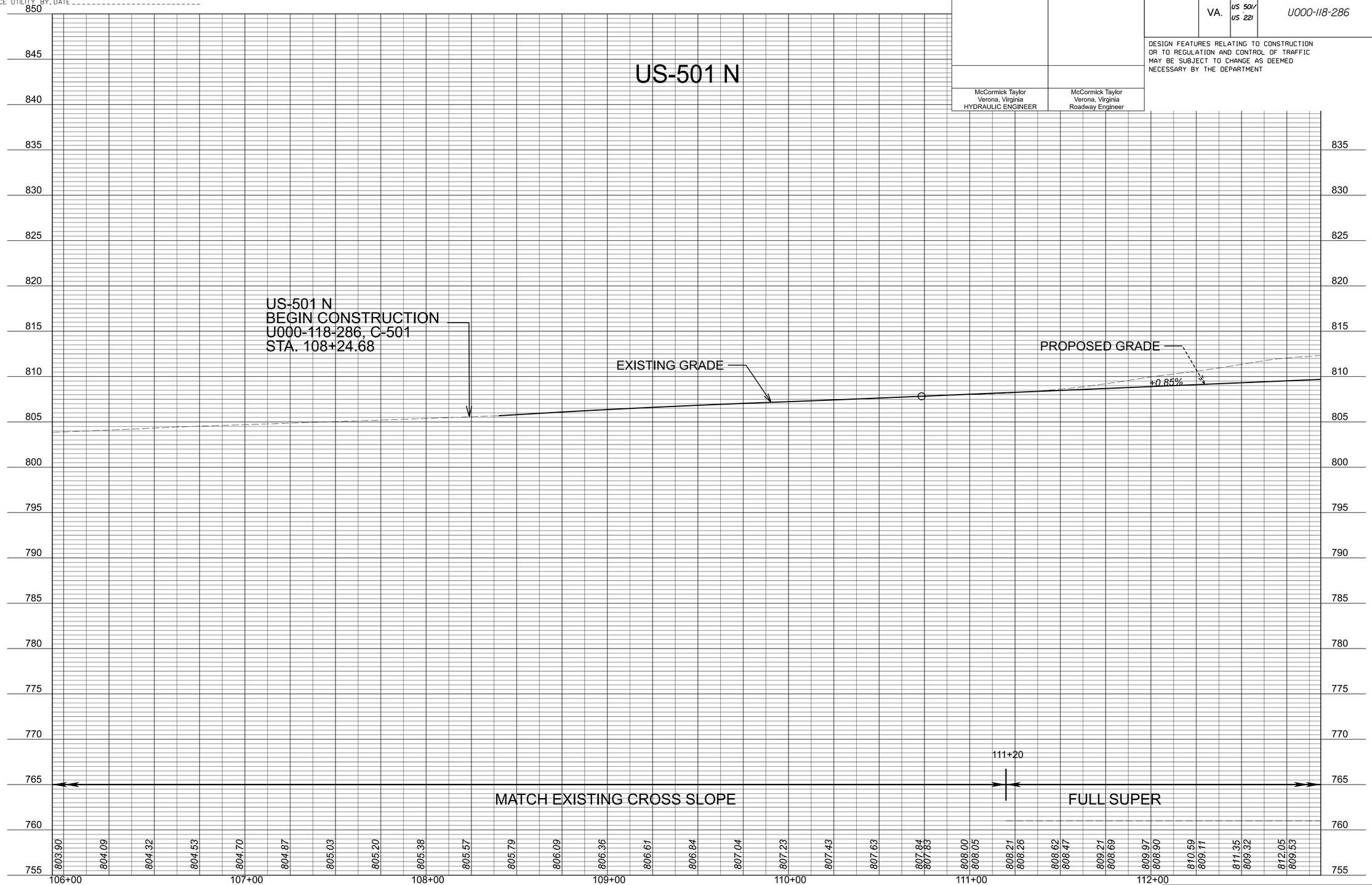
McCormick Taylor
Verona, Virginia
HYDRAULIC ENGINEER

McCormick Taylor
Verona, Virginia
Roadway Engineer

ADDITIONAL EASEMENT 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



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 4A(1)

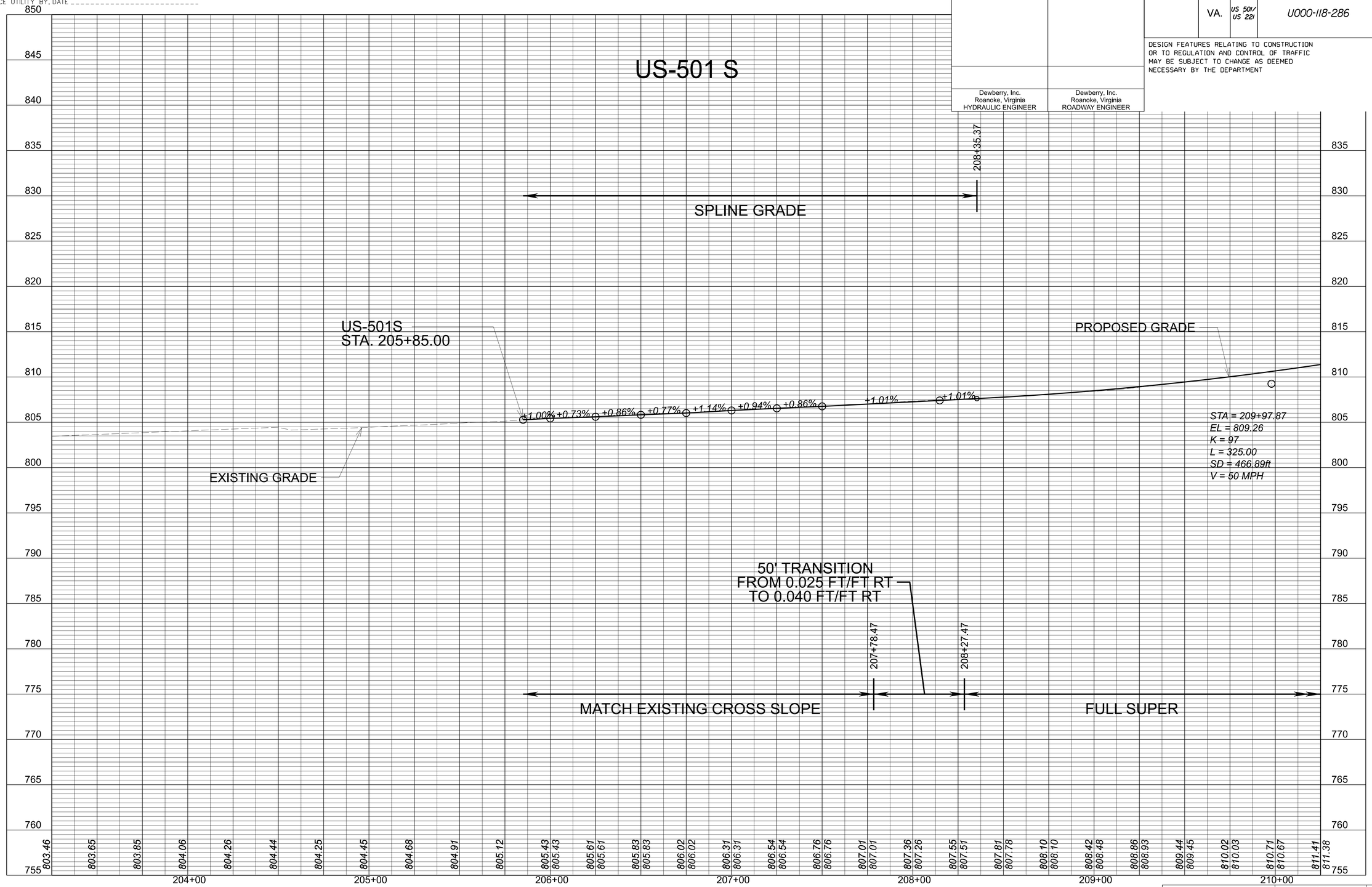
PROJECT MANAGER _ Dee Dee Copner, P.E. (434) 455-3929 _____
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _____
DESIGN BY _ Dewberry, Inc. (804) 690-5960 _____
SUBSURFACE UTILITY BY, DATE _____

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	4A(2)

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

Dewberry, Inc.
Roanoke, Virginia
HYDRAULIC ENGINEER

Dewberry, Inc.
Roanoke, Virginia
ROADWAY ENGINEER



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 4A(2)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

EROSION AND SEDIMENT CONTROL PLAN

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	4B

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER

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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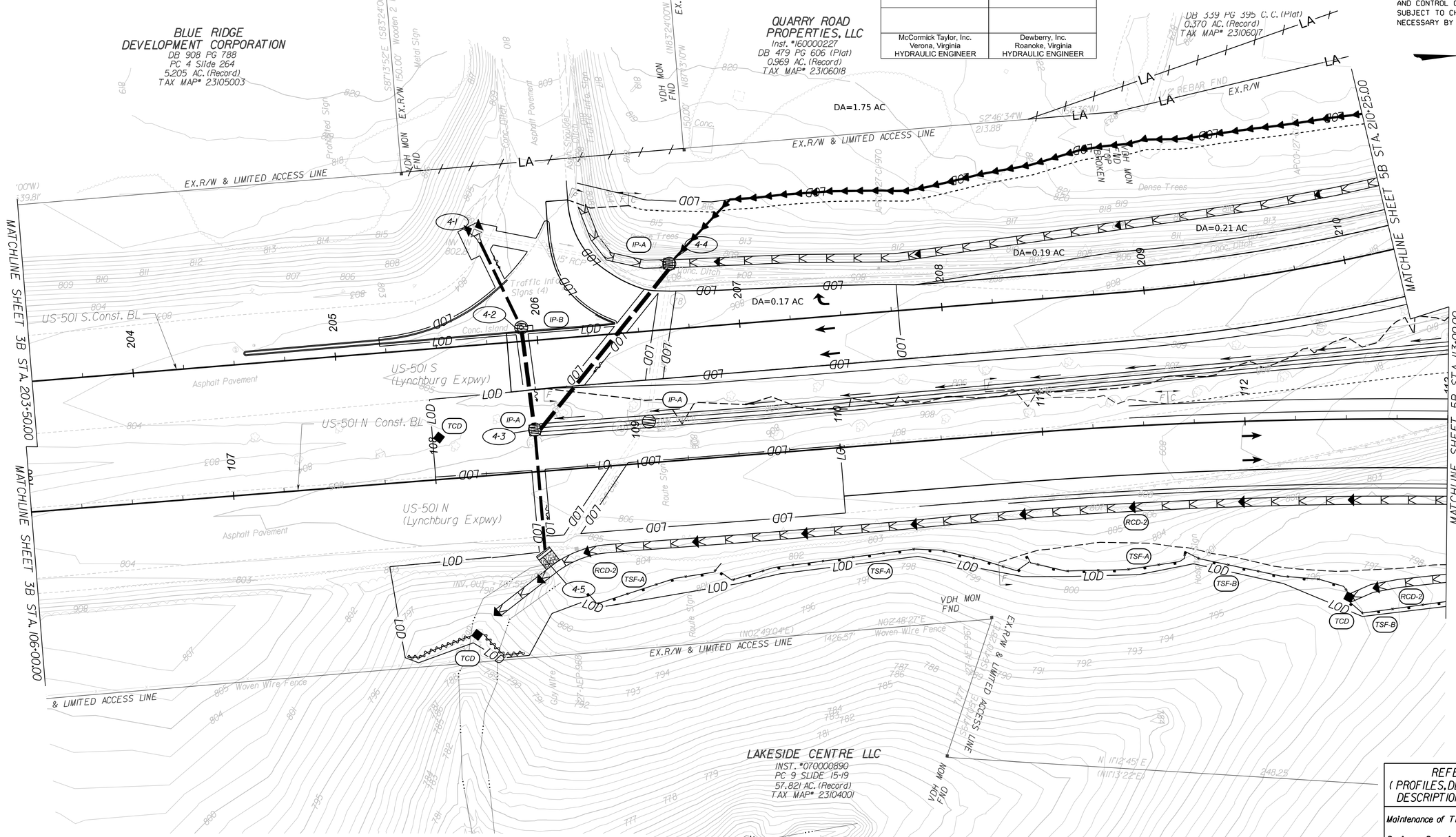
PH PLANS



Legend

EC-2 Ty.1, EC-2 Ty.2, EC-2 Ty.3, EC-2 Ty.4	Denotes Protective Covering, St'd. EC-2
EC-3 Ty.1, EC-3 Ty.2, EC-3 Ty.3	Denotes Soil Stabilization Mat. St'd. EC-3 Type 1, 2 or 3
TSF-B	Denotes Temporary Silt Fence Type B, St'd EC-5
TSF-A	Denotes Temporary Silt Fence Type A, St'd EC-5
RCD-1	Denotes Rock Check Dam, Type I; St'd EC-4
RCD-2	Denotes Rock Check Dam, Type II; St'd EC-4
IP-A	Denotes Inlet Protection, Type A; St'd EC-6
IP-B	Denotes Inlet Protection, Type B; St'd EC-6
IP-C	Denotes Inlet Protection, Type C
LOD	Limit of Disturbance

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

Maintenance of Traffic	1G(I)-1G(III)
Drainage Descriptions	2D(1)-2D(4)
ESC General Notes	2F(X)
Plan Sheet	4

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	4B

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LIMITED ACCESS HIGHWAY

By Resolution of the State Highway Commission dated January 29, 1970 and
By Resolution of the State Highway and Transportation Commission dated December 15, 1983

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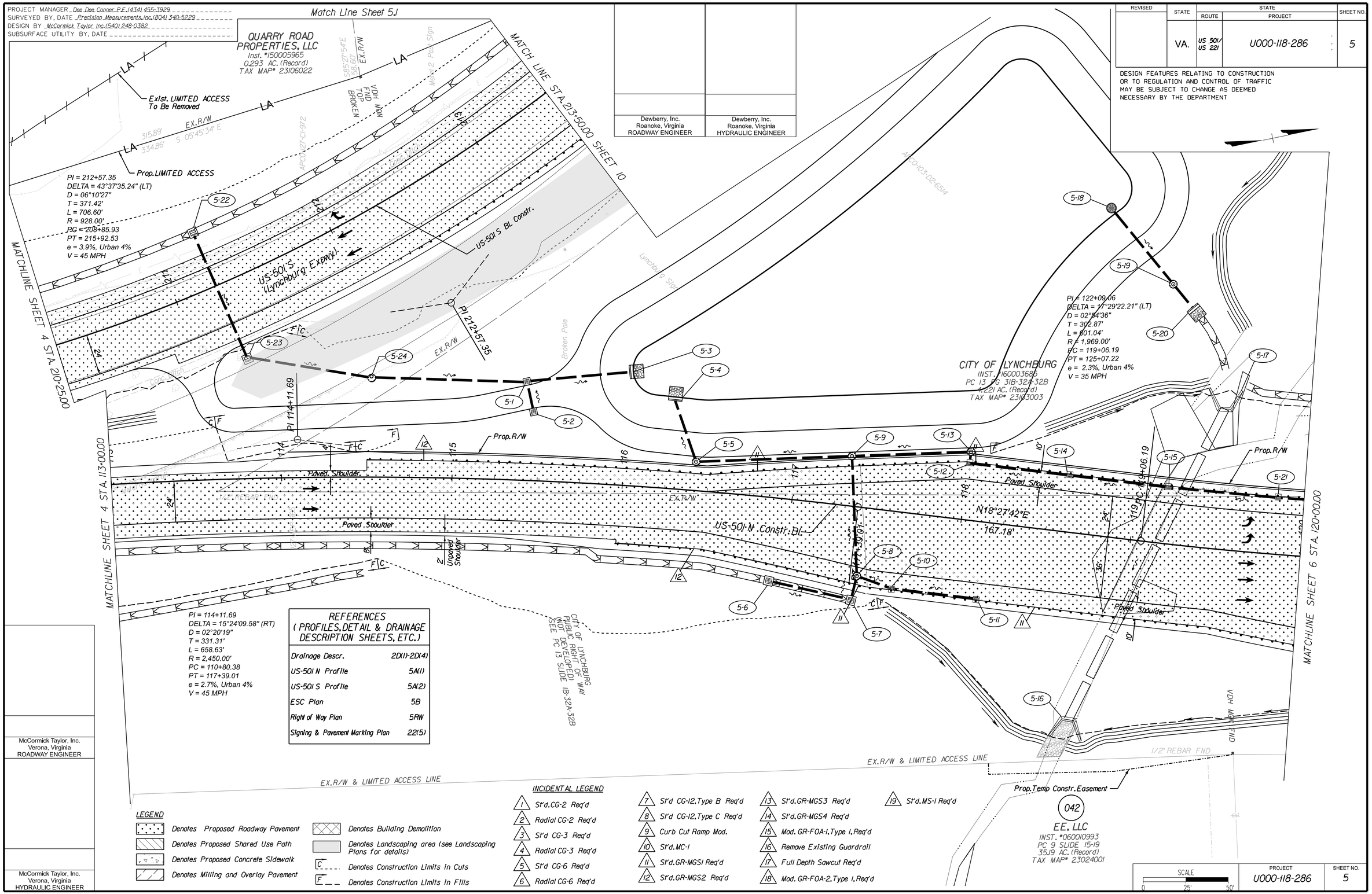
Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER	Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	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.)	
Drainage Descr.	2D(1)-2D(4)
US-501 N Profile	5A(1)
US-501 S Profile	5A(2)
ESC Plan	5B
Right of Way Plan	5RW
Signing & Pavement Marking Plan	22(5)

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Building Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C — Denotes Construction Limits In Cuts
- F — Denotes Construction Limits In Fills

INCIDENTAL LEGEND

1. St'd. CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd. MC-1
11. St'd. GR-MGS1 Req'd
12. St'd. GR-MGS2 Req'd
13. St'd. GR-MGS3 Req'd
14. St'd. GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd
18. Mod. GR-FOA-2, Type 1, Req'd
19. St'd. MS-1 Req'd

McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER
McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	5

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	5.1

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

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER

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

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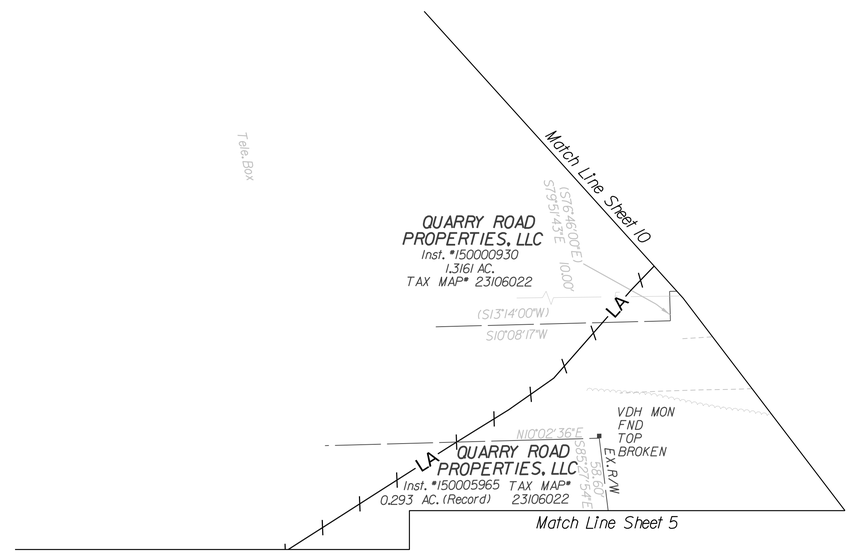
PH PLANS



LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Building Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C Denotes Construction Limits In Cuts
- F Denotes Construction Limits In Fills

INCIDENTAL LEGEND

1. St'd. CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd. MC-1
11. St'd. GR-MGS1 Req'd
12. St'd. GR-MGS2 Req'd
13. St'd. GR-MGS3 Req'd
14. St'd. GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd
18. Mod. GR-FOA-2, Type 1, Req'd
19. St'd. MS-1 Req'd

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

Drainage Descr.	2D(1)-2D(4)
US-501 N Profile	5A(1)
US-501 S Profile	5A(2)
ESC Plan	5B
Right of Way Plan	5RW
Signing & Pavement Marking Plan	22(5)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	5.1

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	5A(1)

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

McCormick Taylor
Verona, Virginia
HYDRAULIC ENGINEER

McCormick Taylor
Verona, Virginia
Roadway Engineer

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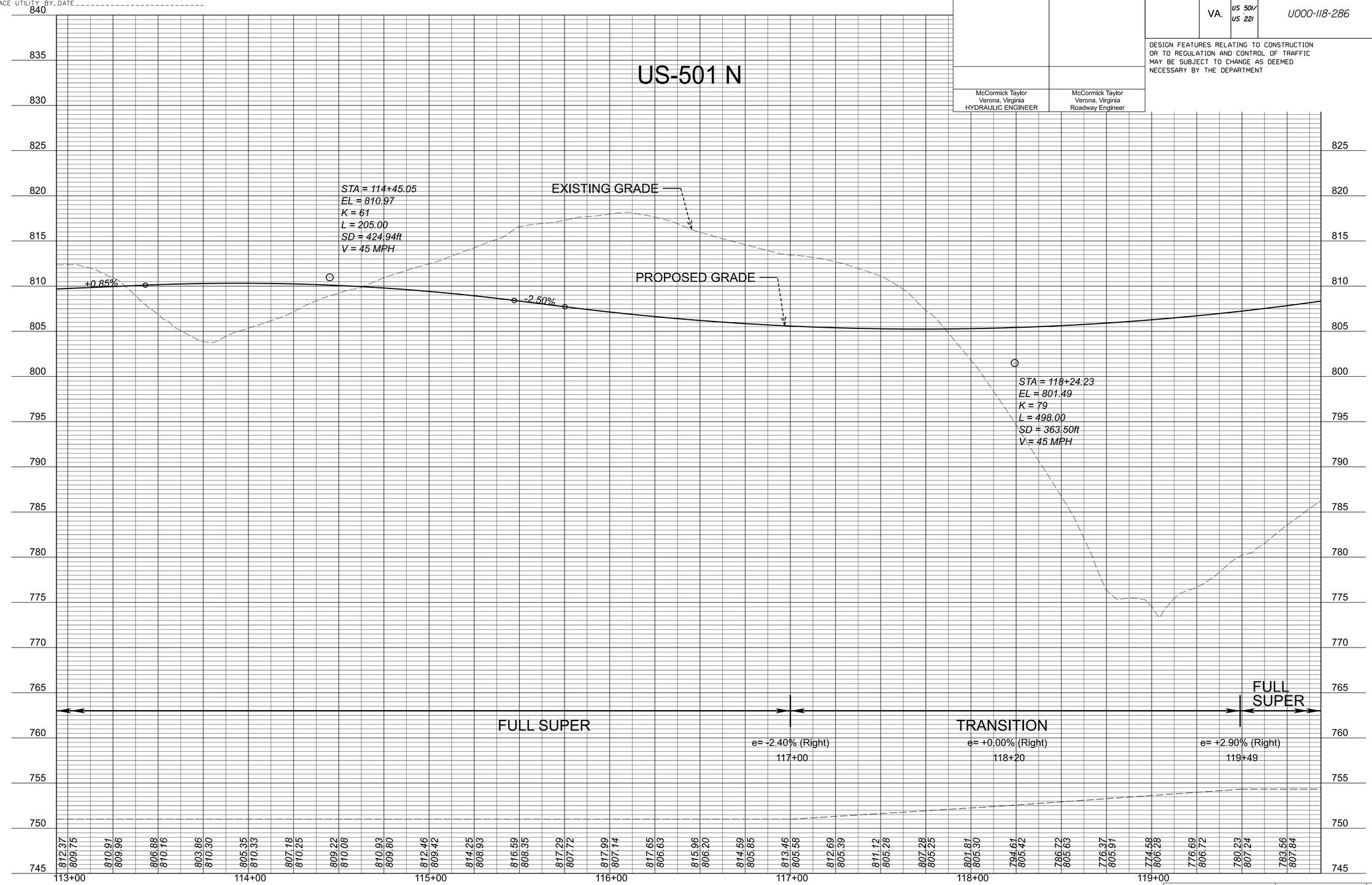
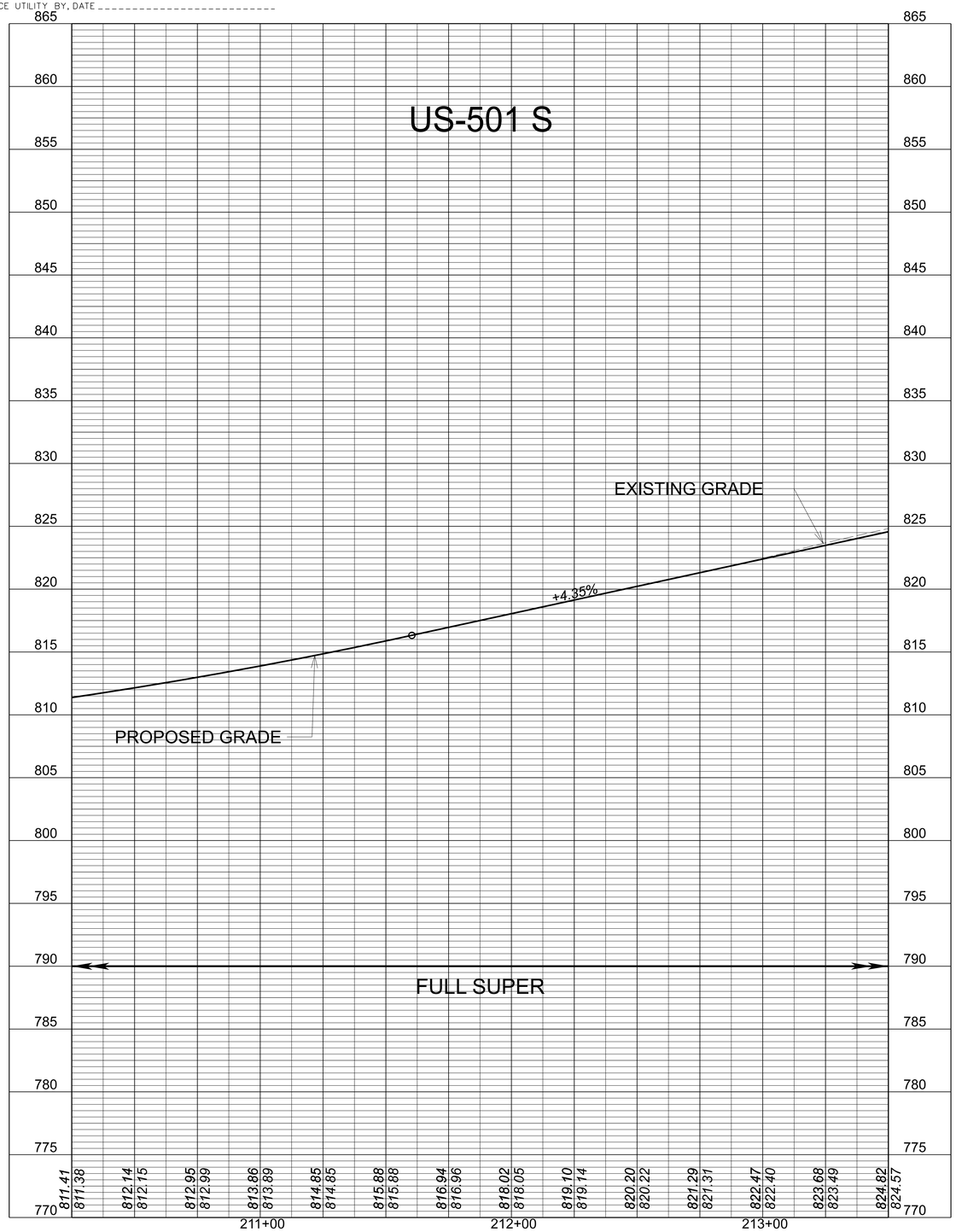
PH PLANS



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 5A(1)

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929 _____
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _____
DESIGN BY _ Dewberry, Inc. (804) 690-5960 _____
SUBSURFACE UTILITY BY, DATE _____



Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	5A(2)

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

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 5A(2)

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Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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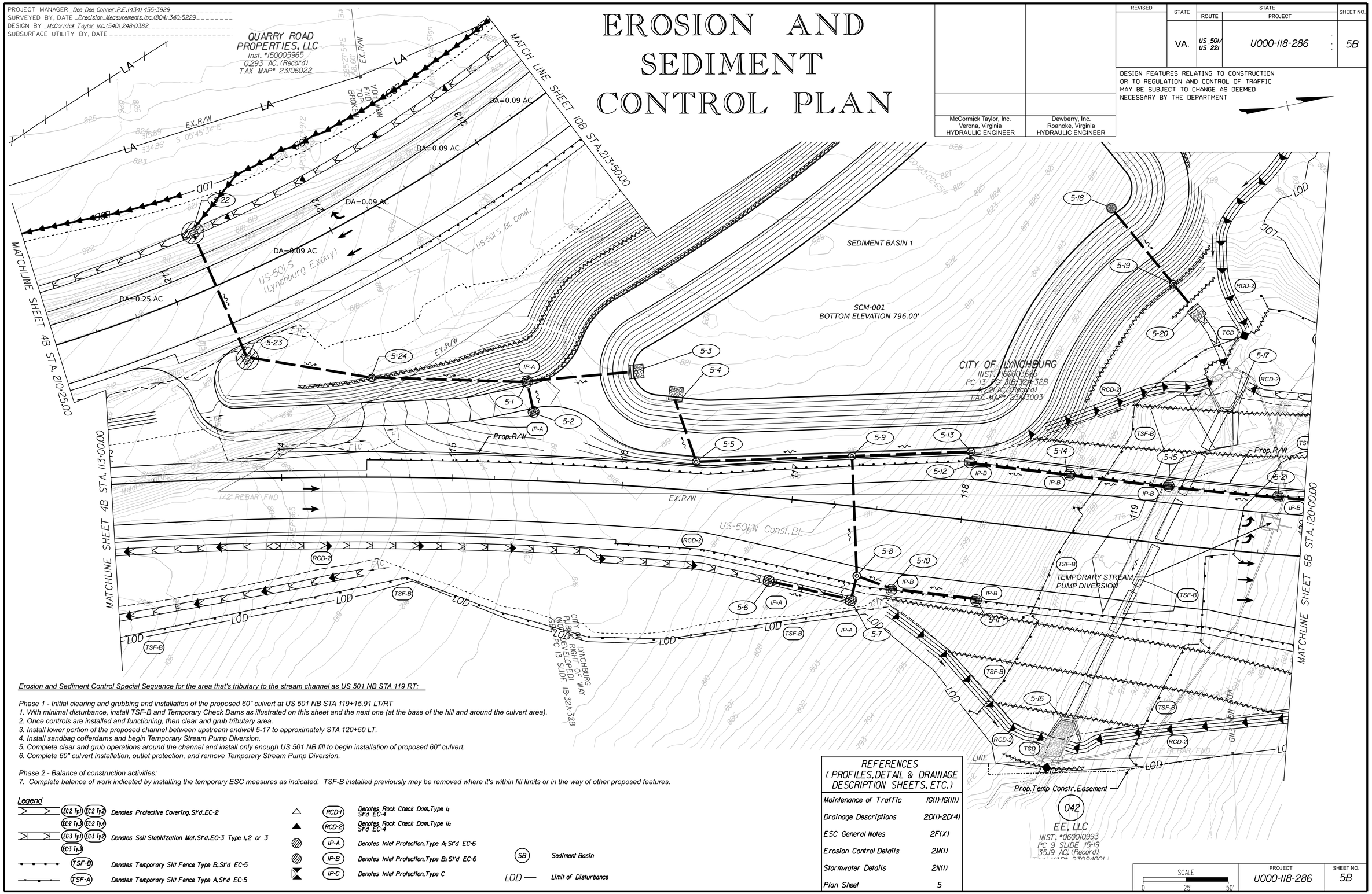
PH PLANS

EROSION AND SEDIMENT CONTROL PLAN

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	5B

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

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER



Erosion and Sediment Control Special Sequence for the area that's tributary to the stream channel as US 501 NB STA 119 RT:

Phase 1 - Initial clearing and grubbing and installation of the proposed 60" culvert at US 501 NB STA 119+15.91 LT/RT
1. With minimal disturbance, install TSF-B and Temporary Check Dams as illustrated on this sheet and the next one (at the base of the hill and around the culvert area).
2. Once controls are installed and functioning, then clear and grub tributary area.
3. Install lower portion of the proposed channel between upstream endwall 5-17 to approximately STA 120+50 LT.
4. Install sandbag cofferdams and begin Temporary Stream Pump Diversion.
5. Complete clear and grub operations around the channel and install only enough US 501 NB fill to begin installation of proposed 60" culvert.
6. Complete 60" culvert installation, outlet protection, and remove Temporary Stream Pump Diversion.

Phase 2 - Balance of construction activities:
7. Complete balance of work indicated by installing the temporary ESC measures as indicated. TSF-B installed previously may be removed where it's within fill limits or in the way of other proposed features.

Legend

- EC-2 Tyr.1, EC-2 Tyr.2, EC-2 Tyr.3, EC-2 Tyr.4 — Denotes Protective Covering, St'd. EC-2
- EC-3 Tyr.1, EC-3 Tyr.2, EC-3 Tyr.3 — Denotes Soil Stabilization Mat, St'd. EC-3 Type 1, 2 or 3
- TSF-B — Denotes Temporary Silt Fence Type B, St'd EC-5
- TSF-A — Denotes Temporary Silt Fence Type A, St'd EC-5
- RCD-1 — Denotes Rock Check Dam, Type I; St'd EC-4
- RCD-2 — Denotes Rock Check Dam, Type II; St'd EC-4
- IP-A — Denotes Inlet Protection, Type A; St'd EC-6
- IP-B — Denotes Inlet Protection, Type B; St'd EC-6
- IP-C — Denotes Inlet Protection, Type C
- SB — Sediment Basin
- LOD — Limit of Disturbance

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Maintenance of Traffic	1G(1)-1G(III)
Drainage Descriptions	2D(1)-2D(4)
ESC General Notes	2F(X)
Erosion Control Details	2M(1)
Stormwater Details	2N(1)
Plan Sheet	5

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	5B

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	6

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

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER

INCIDENTAL LEGEND

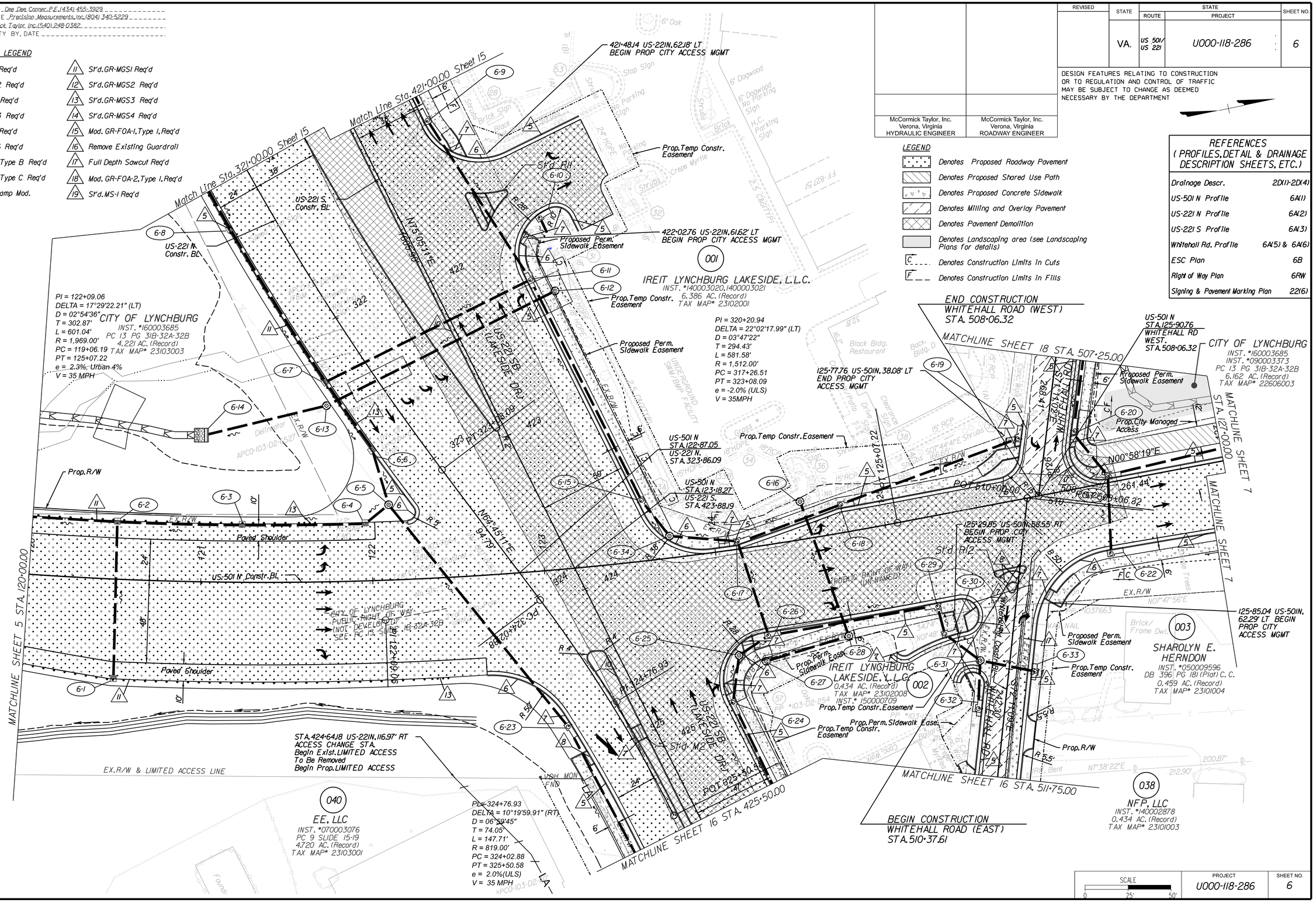
1. St'd.CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12,Type B Req'd
8. St'd CG-12,Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd.MC-1
11. St'd.GR-MGS1 Req'd
12. St'd.GR-MGS2 Req'd
13. St'd.GR-MGS3 Req'd
14. St'd.GR-MGS4 Req'd
15. Mod. GR-FOA-1,Type 1,Req'd
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd
18. Mod. GR-FOA-2,Type 1,Req'd
19. St'd.MS-1 Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C Denotes Construction Limits In Cuts
- F Denotes Construction Limits In Fills

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

Drainage Descr.	2D(1)-2D(4)
US-501 N Profile	6A(1)
US-221 N Profile	6A(2)
US-221 S Profile	6A(3)
Whitehall Rd. Profile	6A(5) & 6A(6)
ESC Plan	6B
Right of Way Plan	6RW
Signing & Pavement Marking Plan	22(6)



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

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PH PLANS

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	6

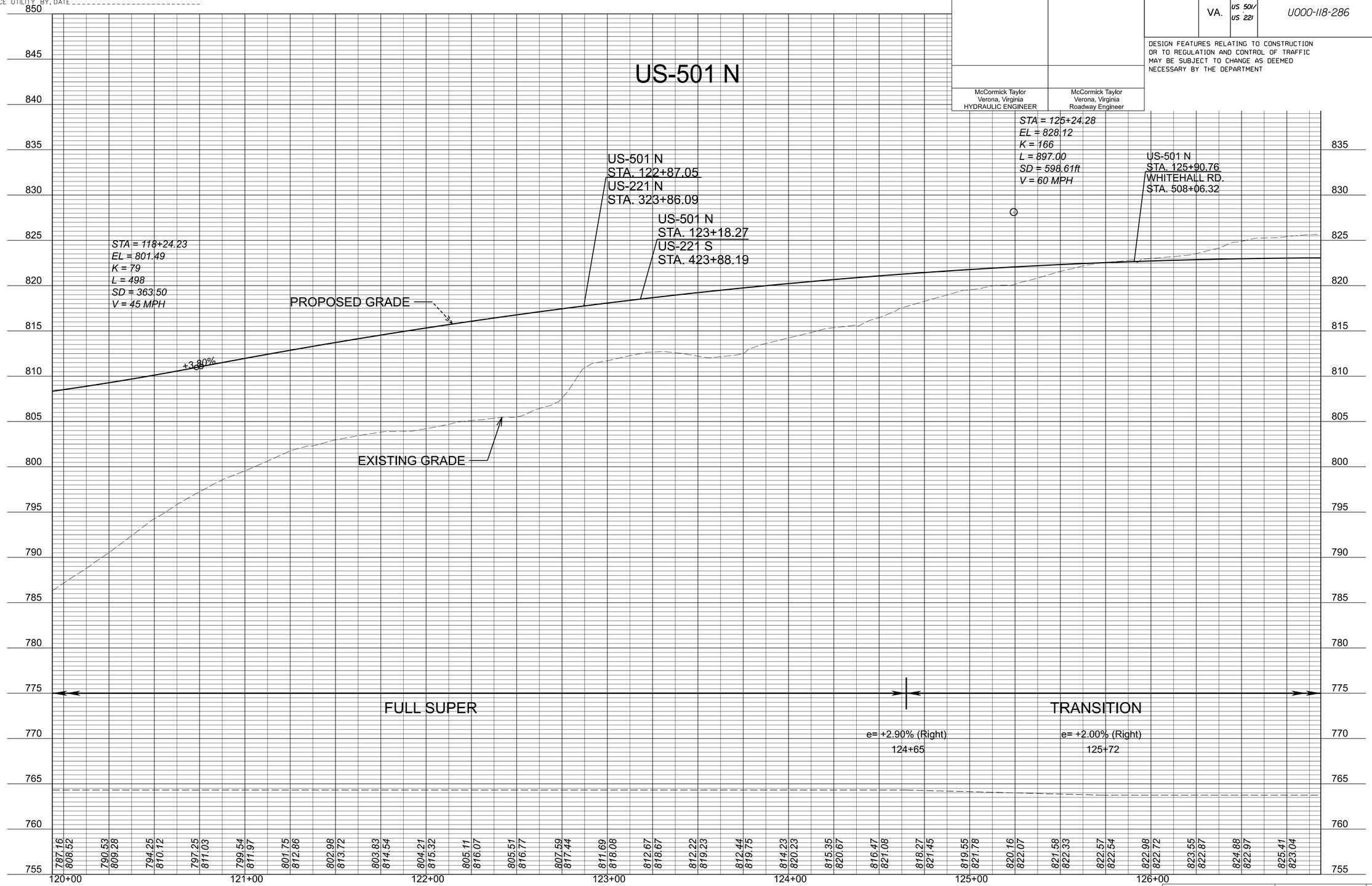
PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229
DESIGN BY _ McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	6A(1)

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

McCormick Taylor
Verona, Virginia
HYDRAULIC ENGINEER

McCormick Taylor
Verona, Virginia
Roadway Engineer



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 6A(1)

ADDITIONAL EASEMENT 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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Plotted By: cjturner

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929 _
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _
DESIGN BY _ McCormick Taylor, Inc. (540) 248-0382 _
SUBSURFACE UTILITY BY, DATE _

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	6A(2)

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

McCormick Taylor
Verona, Virginia
HYDRAULIC ENGINEER

McCormick Taylor
Verona, Virginia
Roadway Engineer

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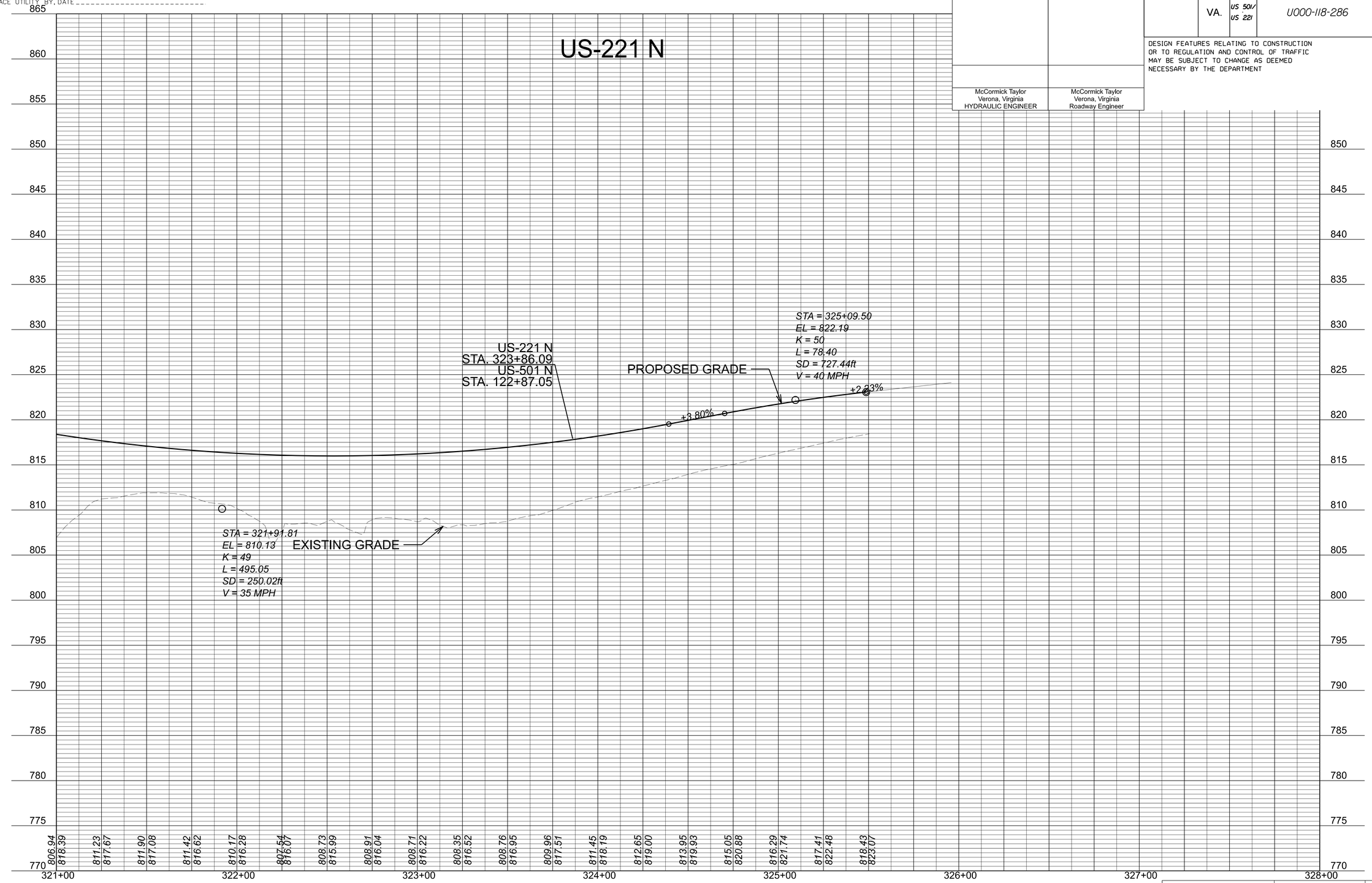


V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 6A(2)

Cell Revised 12/11/12

8/19/2026
1:13:40 PM

d113116_06A3.dgn
Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	6A(3)

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

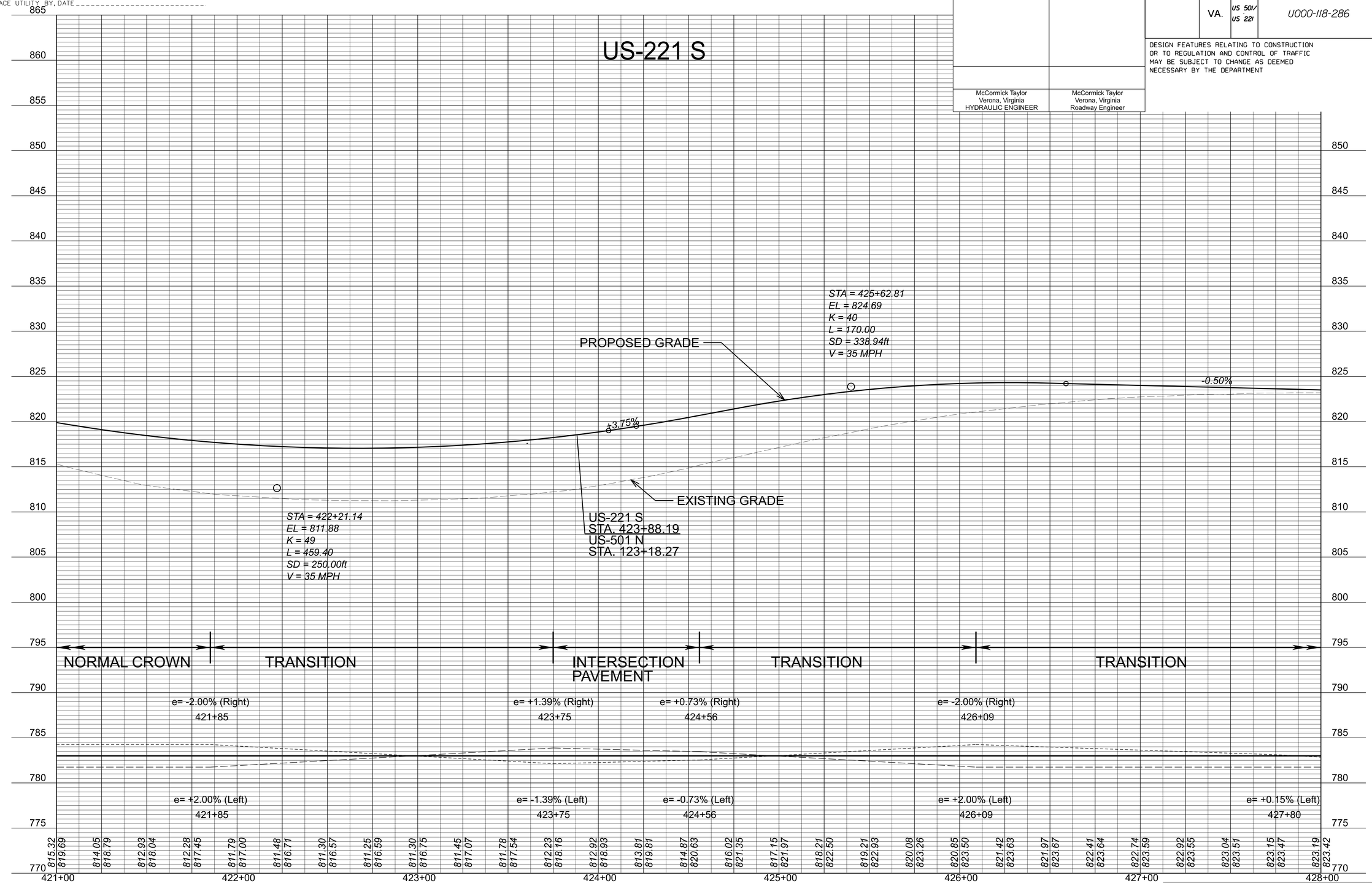
McCormick Taylor
Verona, Virginia
HYDRAULIC ENGINEER

McCormick Taylor
Verona, Virginia
Roadway Engineer

ADDITIONAL EASEMENT 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



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 6A(3)

Cell Revised 12/11/12

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229
DESIGN BY _ McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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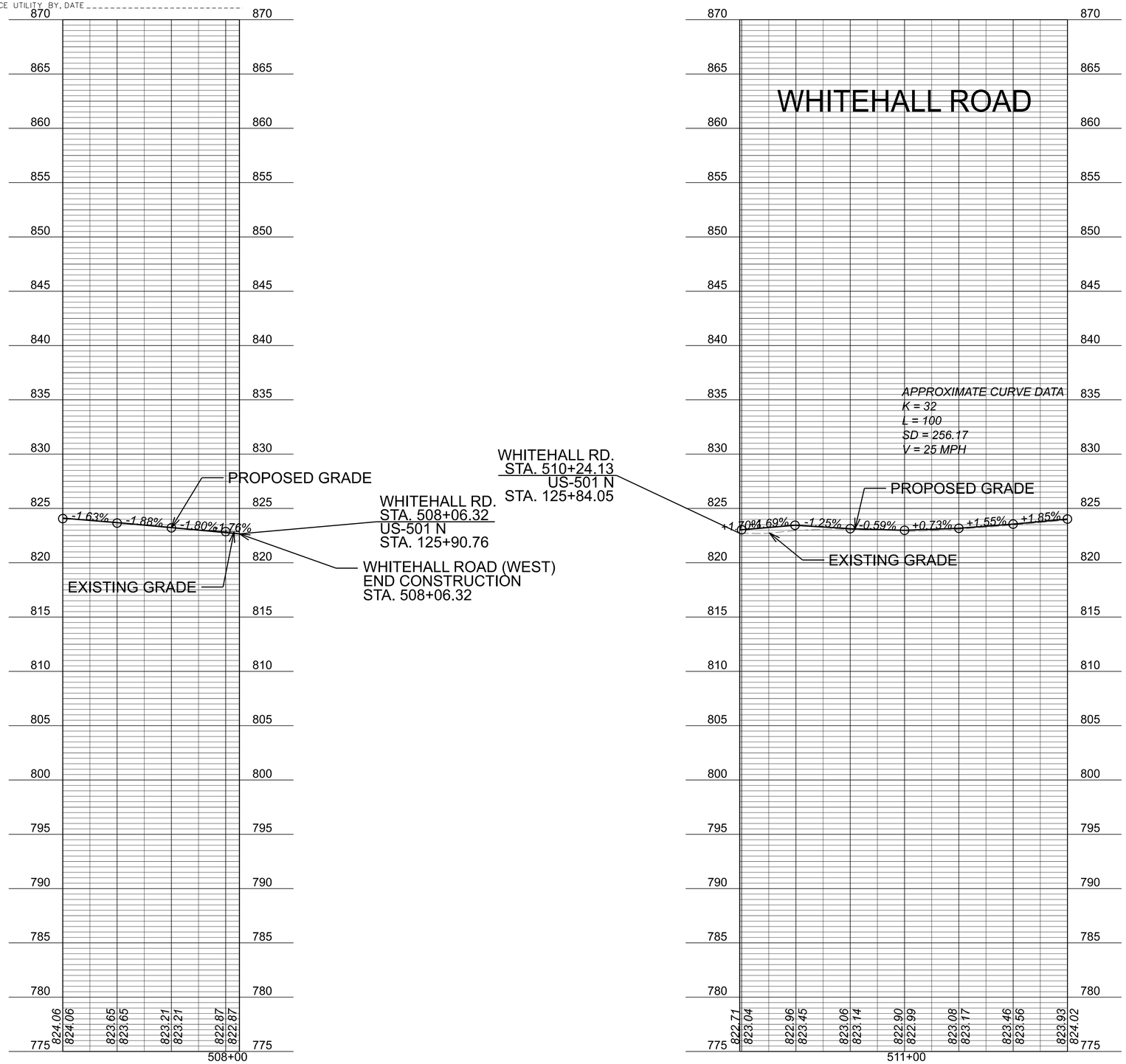
PH PLANS



McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	6A(4)

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

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 6A(4)

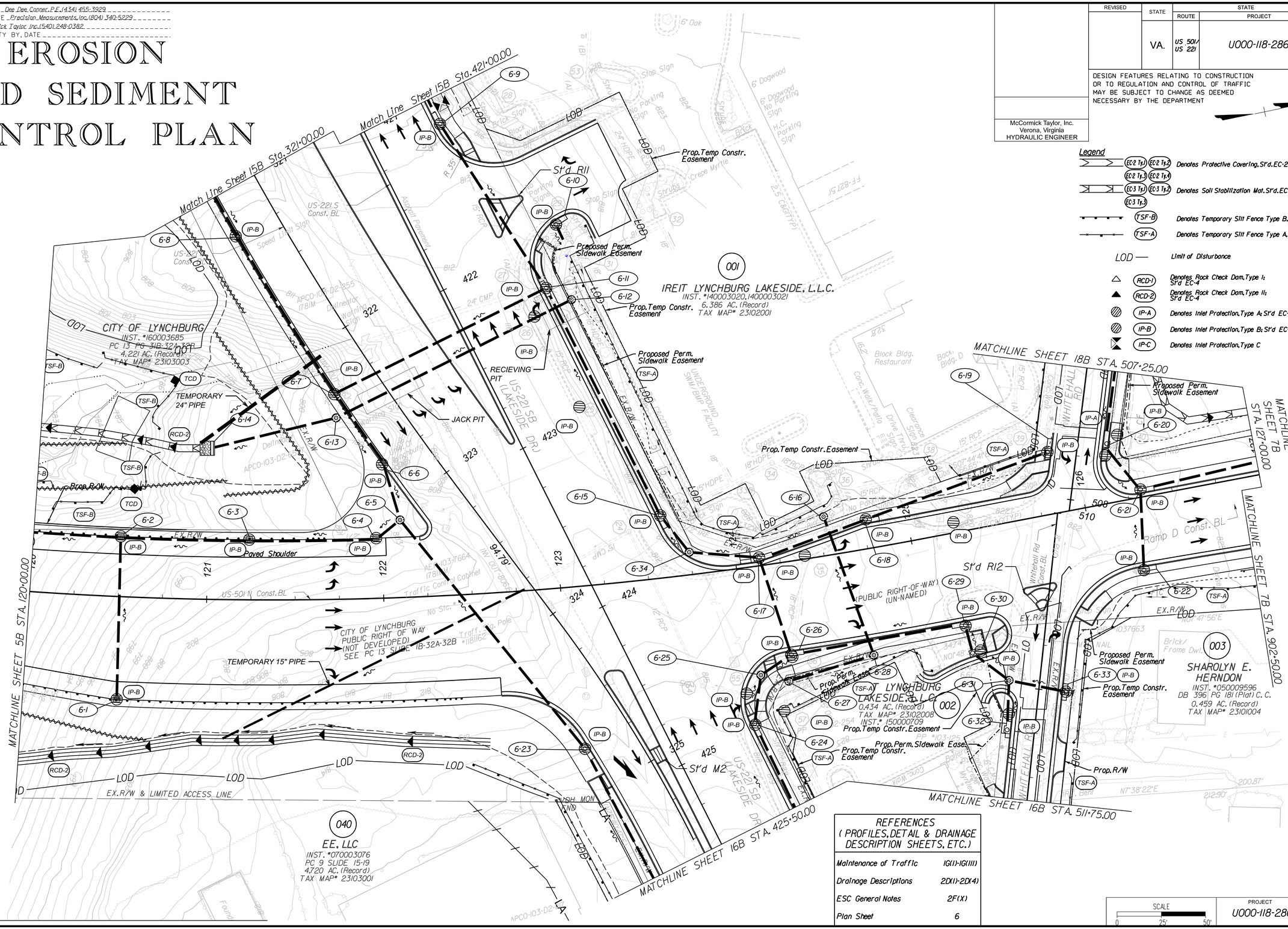
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

EROSION AND SEDIMENT CONTROL PLAN

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	6B

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

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER



Legend

EC-2 Ty.1, EC-2 Ty.2, EC-2 Ty.3, EC-2 Ty.4	Denotes Protective Covering, St'd. EC-2
EC-3 Ty.1, EC-3 Ty.2, EC-3 Ty.3	Denotes Soil Stabilization Mat. St'd. EC-3 Type 1, 2 or 3
TSF-B	Denotes Temporary Silt Fence Type B, St'd EC-5
TSF-A	Denotes Temporary Silt Fence Type A, St'd EC-5
LOD	Limit of Disturbance
RCD-1	Denotes Rock Check Dam, Type I; St'd EC-4
RCD-2	Denotes Rock Check Dam, Type II; St'd EC-4
IP-A	Denotes Inlet Protection, Type A; St'd EC-6
IP-B	Denotes Inlet Protection, Type B; St'd EC-6
IP-C	Denotes Inlet Protection, Type C

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Maintenance of Traffic	1G(1)-1G(11)
Drainage Descriptions	2D(1)-2D(4)
ESC General Notes	2F(X)
Plan Sheet	6

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	6B

ADDITIONAL EASEMENT 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

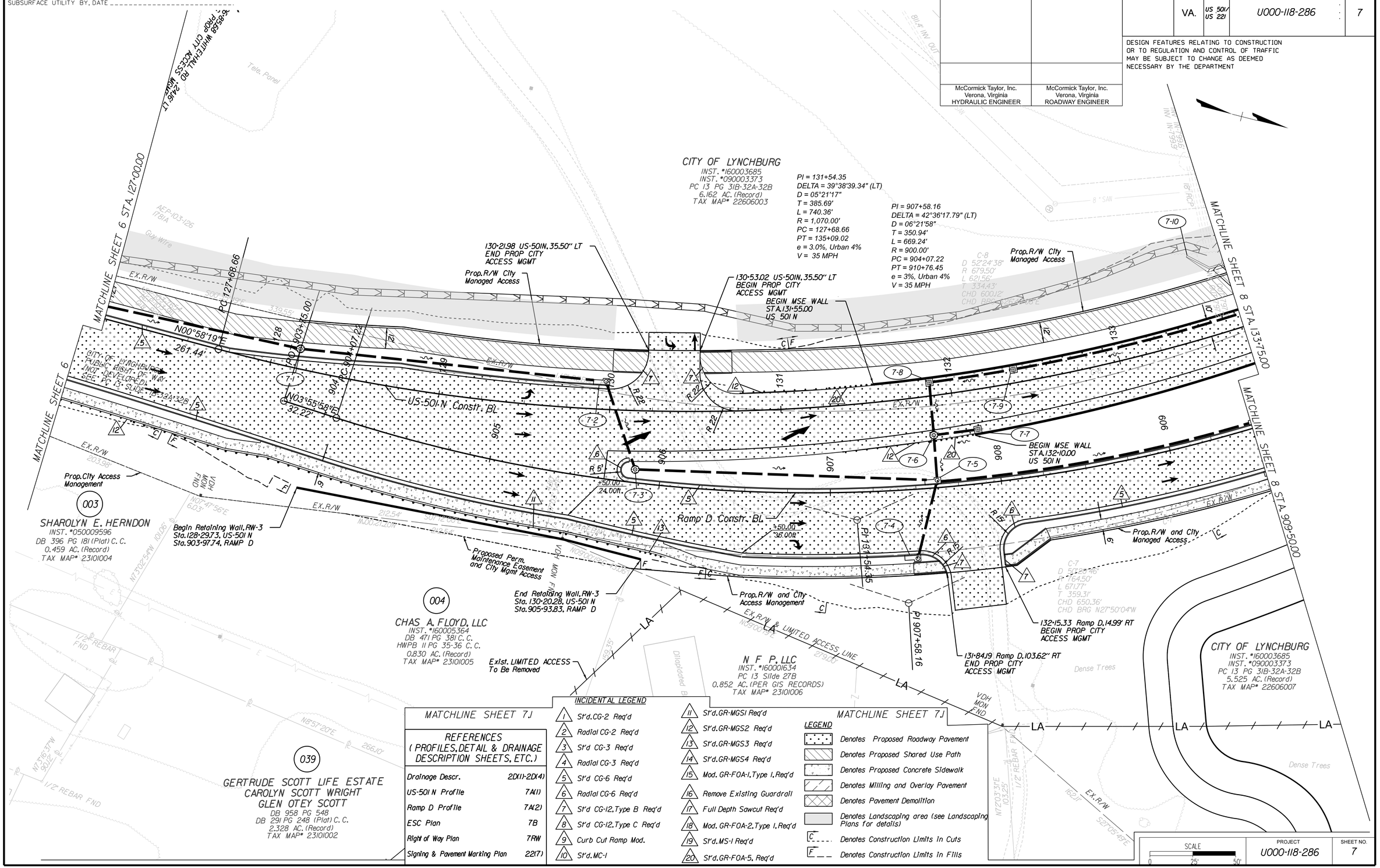
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	7

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

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER

McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER



REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501 N Profile	7A(1)
Ramp D Profile	7A(2)
ESC Plan	7B
Right of Way Plan	7RW
Signing & Pavement Marking Plan	22(7)

INCIDENTAL LEGEND

1. St'd. CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd. MC-1
11. St'd. GR-MGS1 Req'd
12. St'd. GR-MGS2 Req'd
13. St'd. GR-MGS3 Req'd
14. St'd. GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd
18. Mod. GR-FOA-2, Type 1, Req'd
19. St'd. MS-1 Req'd
20. St'd. GR-FOA-5, Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C ---- Denotes Construction Limits in Cuts
- F — — Denotes Construction Limits in Fills

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	7

ADDITIONAL EASEMENT 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

8/19/2026
1:17:58 PM

LIMITED ACCESS HIGHWAY By Resolution of the State Highway Commission dated January 29, 1970 and
By Resolution of the State Highway and Transportation Commission dated December 15, 1983

dll3116_07_1.dgn
Plotted By: c.Jturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	7.J

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

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER

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

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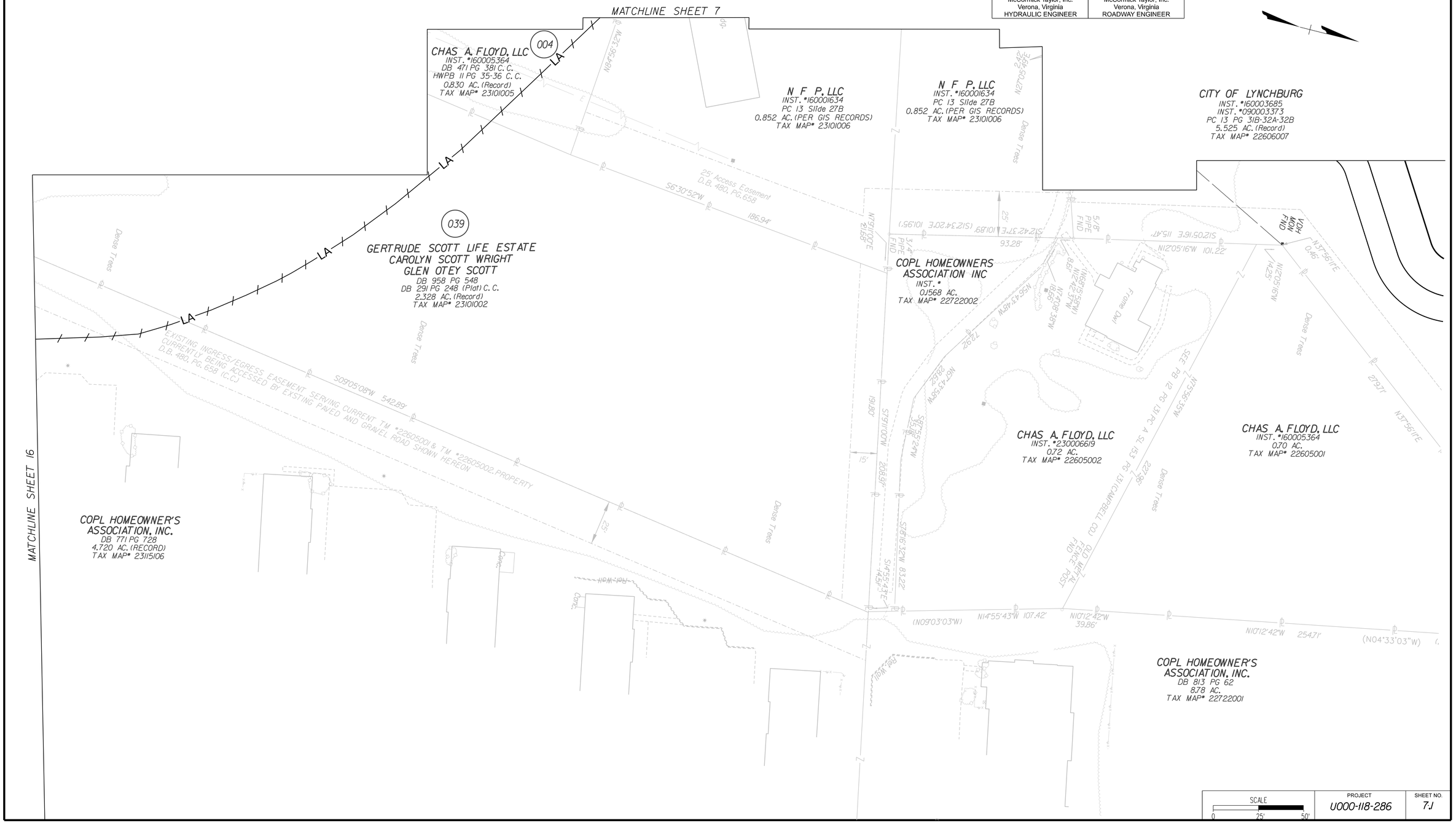
PH PLANS



PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	7A(1)

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

McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

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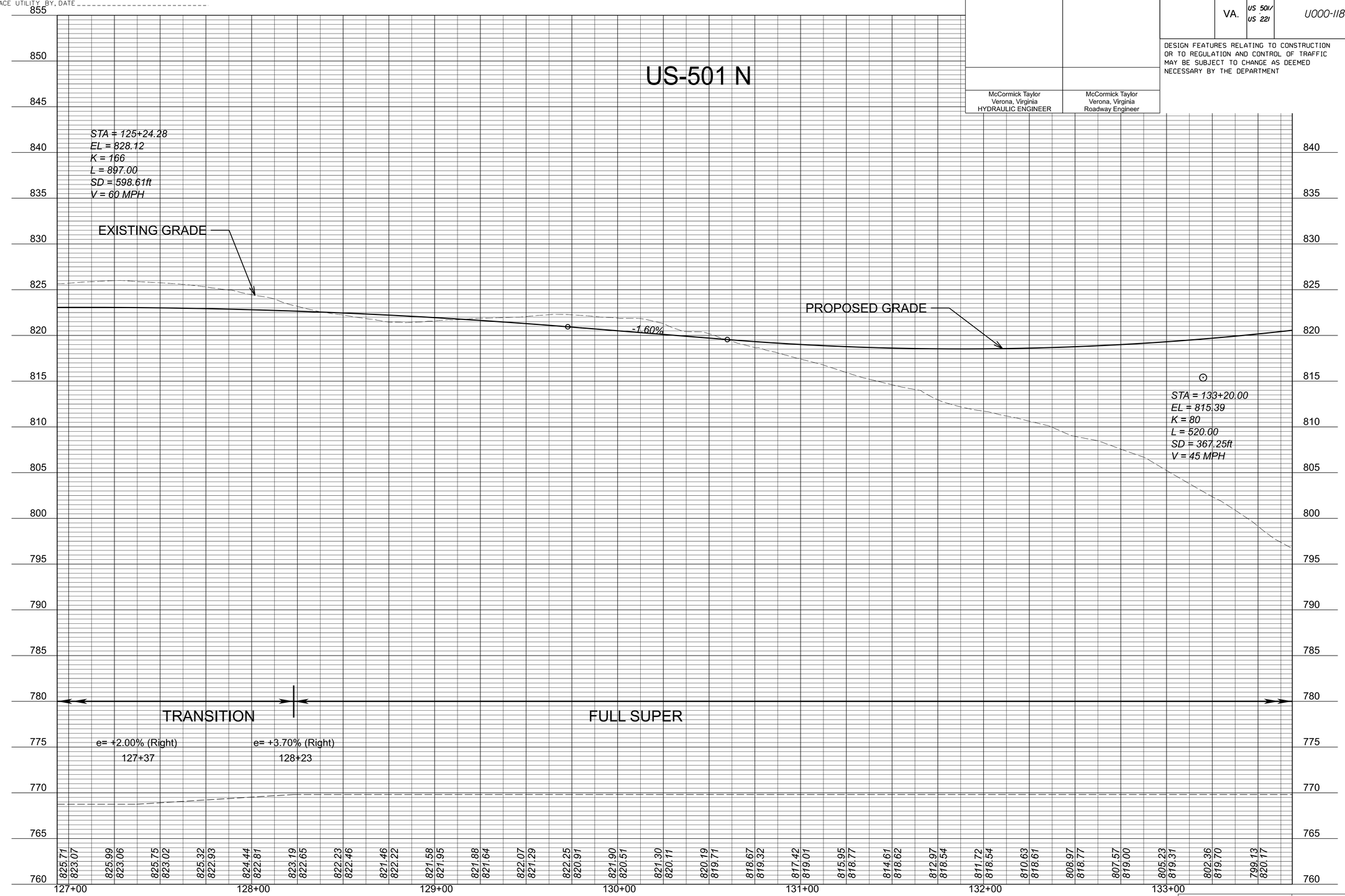
PH PLANS



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 7A(1)

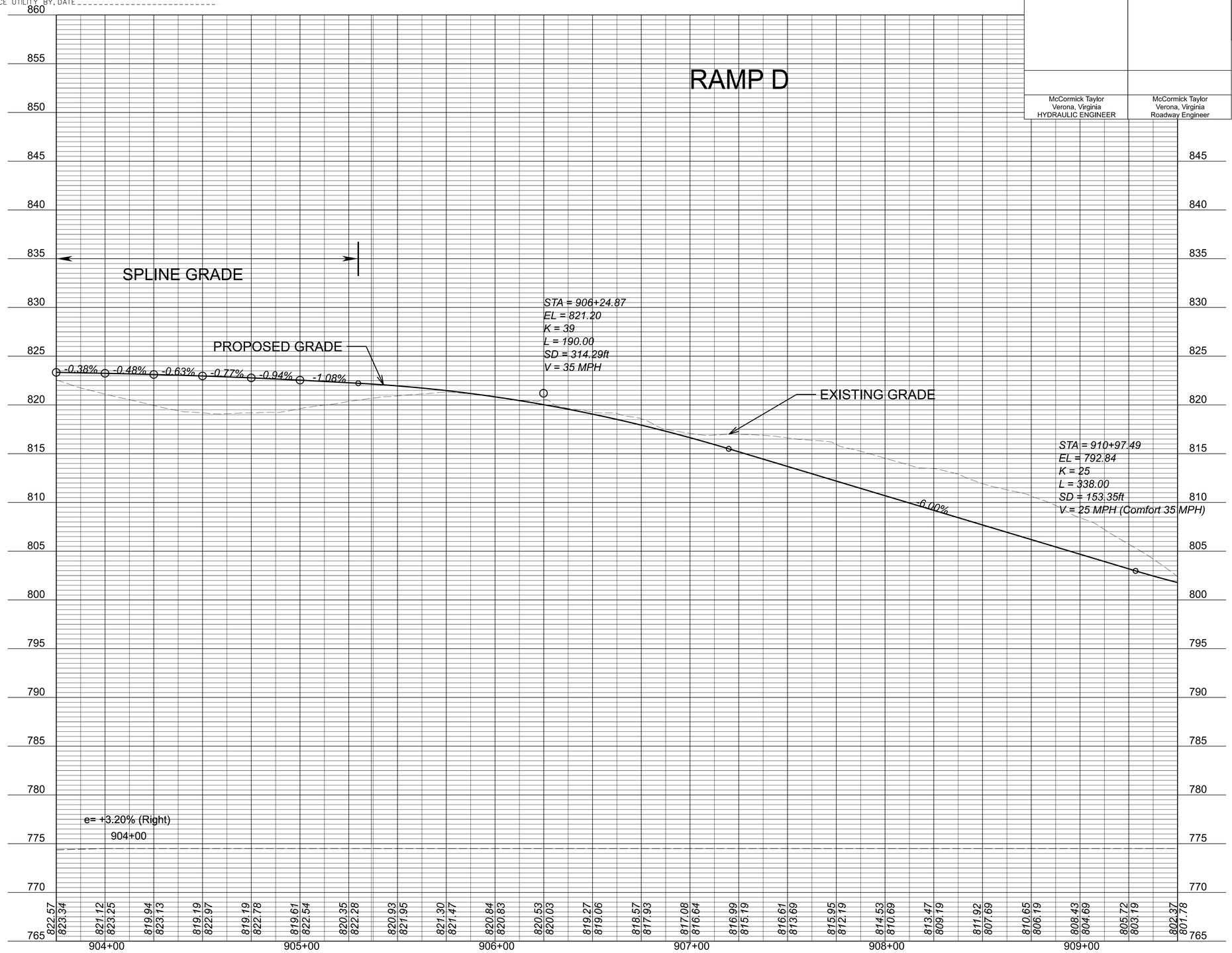
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	7A(2)

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

McCormick Taylor
Verona, Virginia
HYDRAULIC ENGINEER

McCormick Taylor
Verona, Virginia
Roadway Engineer



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 7A(2)

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

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PHI PLANS

8/19/2026
1:21:00 PM

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Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

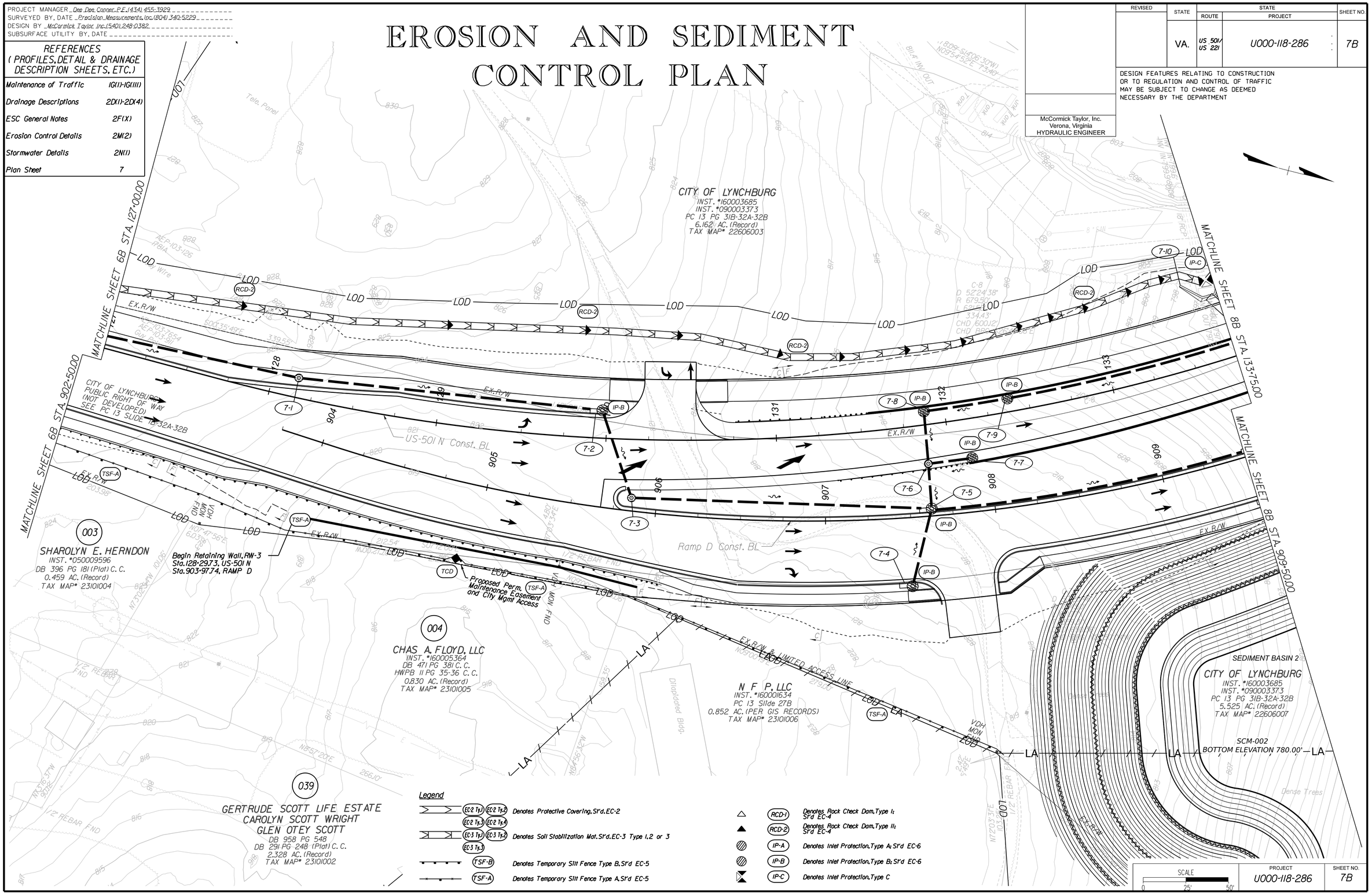
EROSION AND SEDIMENT CONTROL PLAN

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Maintenance of Traffic	1G(1)-1G(11)
Drainage Descriptions	2D(1)-2D(4)
ESC General Notes	2F(X)
Erosion Control Details	2M(2)
Stormwater Details	2N(1)
Plan Sheet	7

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	7B

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

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER



PROJECT	SHEET NO.
U000-118-286	7B

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	8

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

Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER

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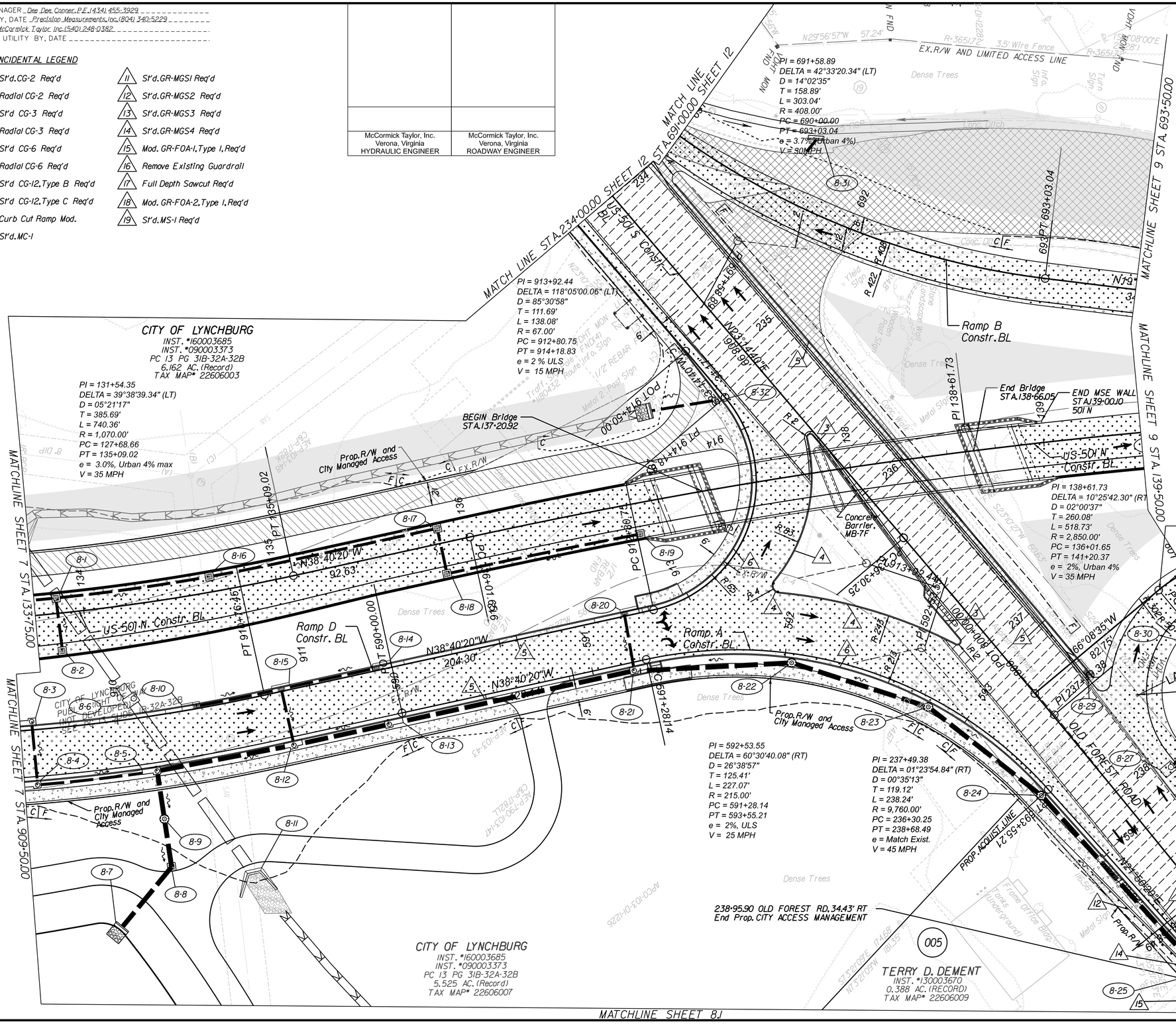
PH PLANS

INCIDENTAL LEGEND

1. St'd.CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd.MC-1
11. St'd.GR-MGS1 Req'd
12. St'd.GR-MGS2 Req'd
13. St'd.GR-MGS3 Req'd
14. St'd.GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd
18. Mod. GR-FOA-2, Type 1, Req'd
19. St'd.MS-1 Req'd



LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C - - - Denotes Construction Limits In Cuts
- F _ _ Denotes Construction Limits In Fills

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

Drainage Descr.	2D(1)-2D(4)
US-501 N Profile	8A(1)
Old Forest Rd. Profile	8A(2)
Ramp A Profile	8A(3)
Ramp B Profile	8A(4)
Ramp C Profile	8A(5)
Ramp D Profile	8A(6)
ESC Plan	8B
Right of Way Plan	8RW
Signing & Pavement Marking Plan	22(8)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	8

8/19/2026
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LIMITED ACCESS HIGHWAY By Resolution of the State Highway Commission dated January 29, 1970 and
By Resolution of the State Highway and Transportation Commission dated December 15, 1983

dll3116_08_1.dgn
Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	8J

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

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

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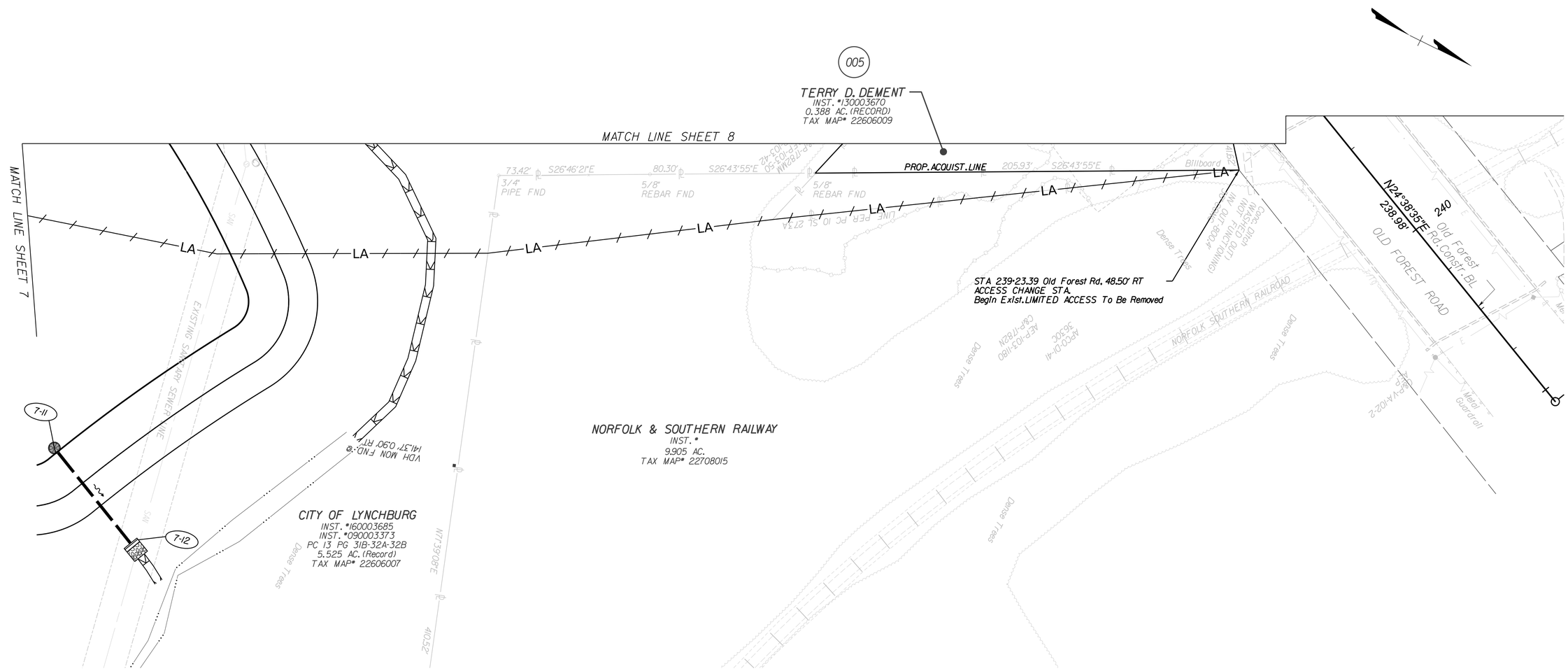
PH PLANS



SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	8J

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229
DESIGN BY _ McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	8A(1)

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

McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

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

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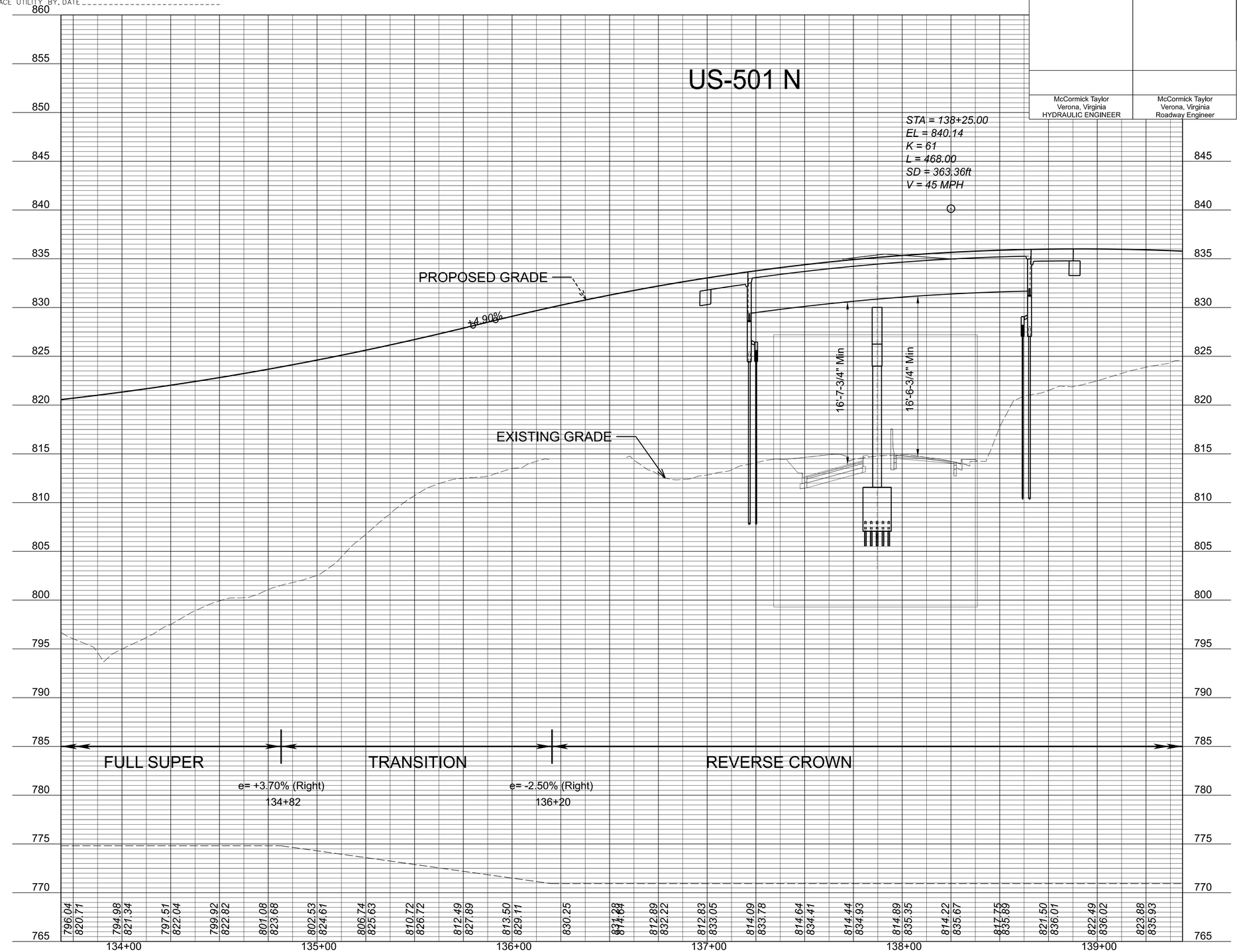


V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 8A(1)

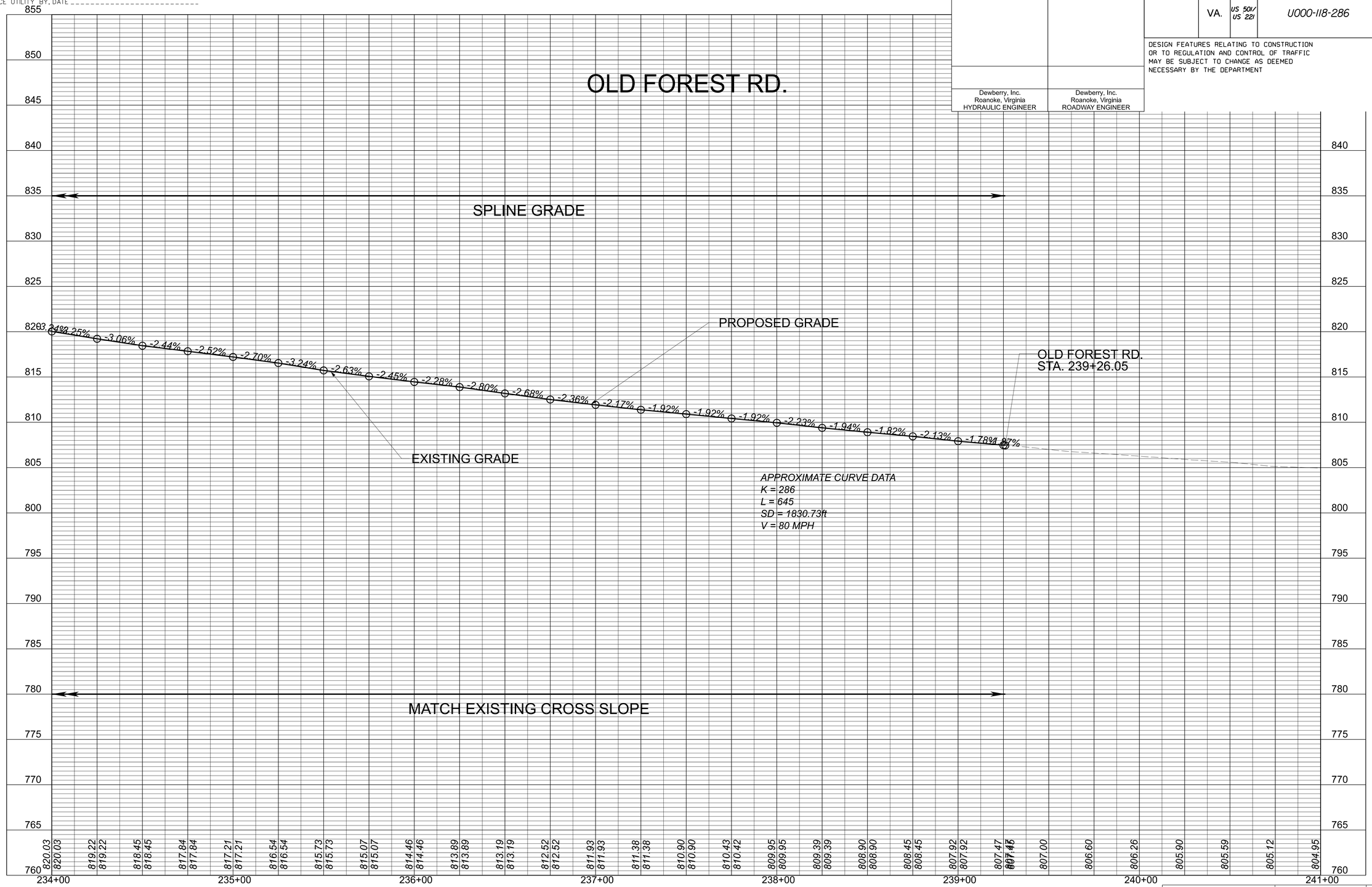
PROJECT MANAGER _ Dee Dee Copner, P.E. (434) 455-3929
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229
DESIGN BY _ Dewberry, Inc. (804) 690-5960
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	8A(2)

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

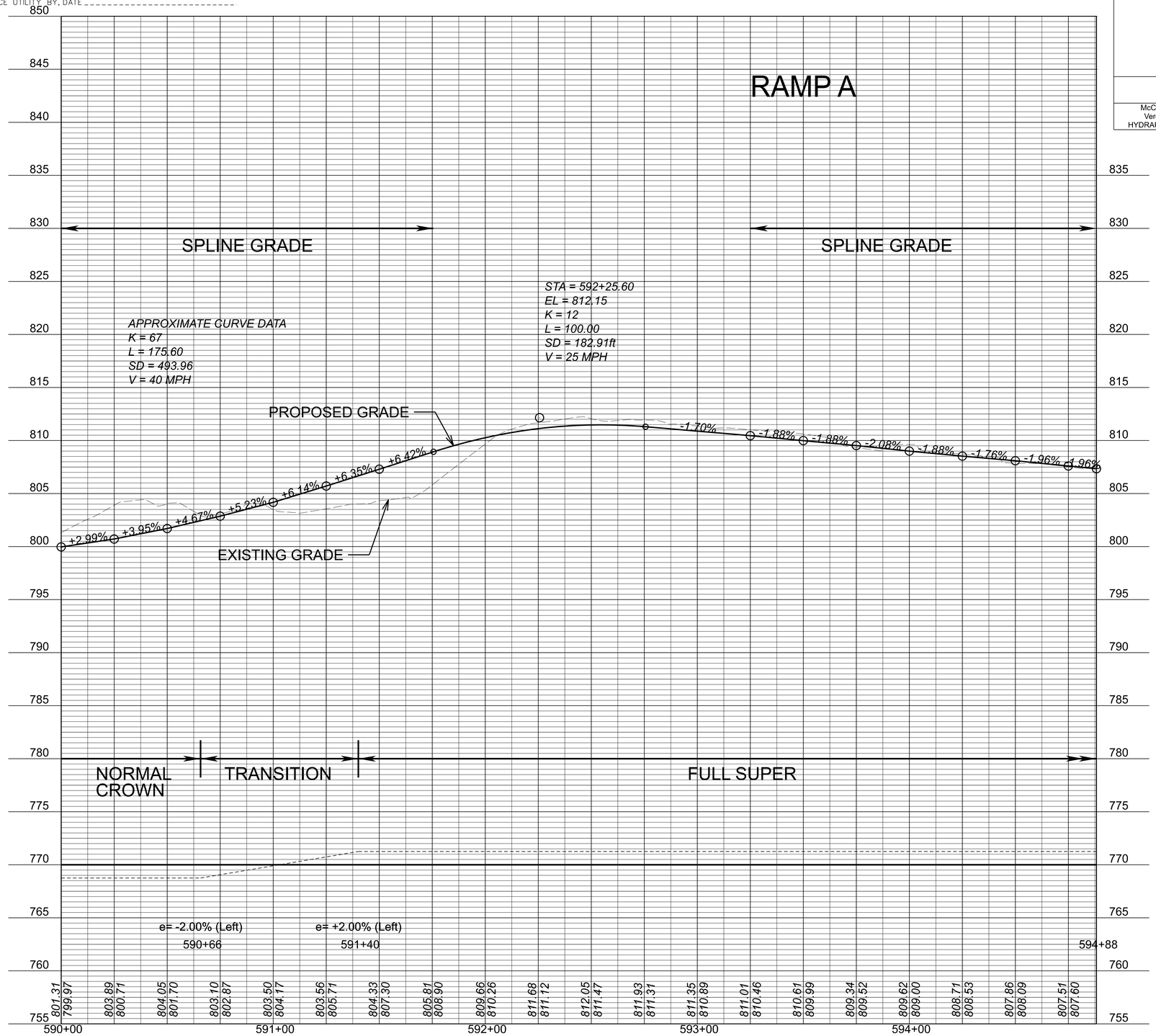
Dewberry, Inc.
Roanoke, Virginia
HYDRAULIC ENGINEER

Dewberry, Inc.
Roanoke, Virginia
ROADWAY ENGINEER



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 8A(2)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE



McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	8A(3)

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

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 8A(3)

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

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PH PLANS

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229
DESIGN BY _ McCormick Taylor, Inc. (540) 248-0382
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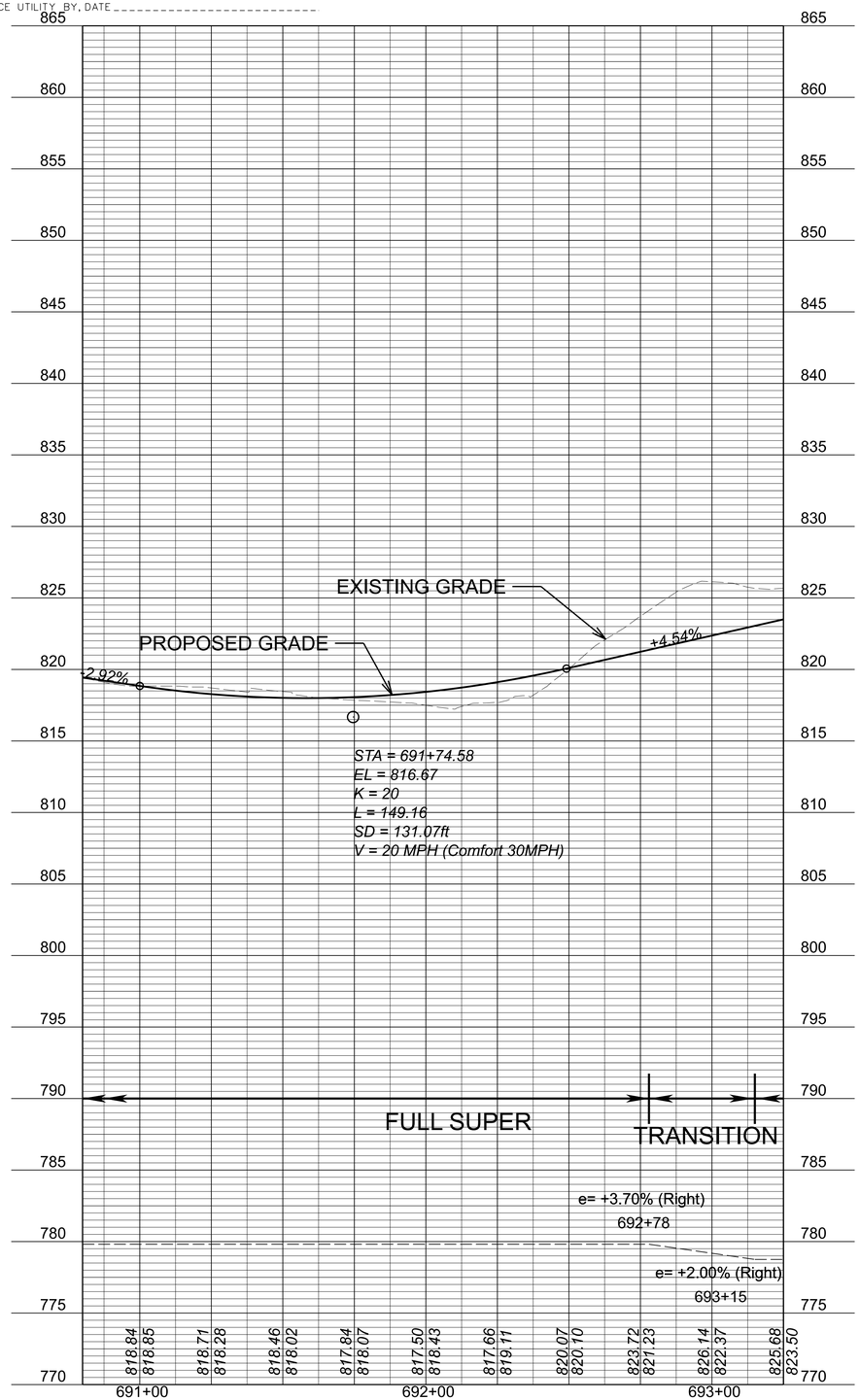
PH PLANS

RAMP B



McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

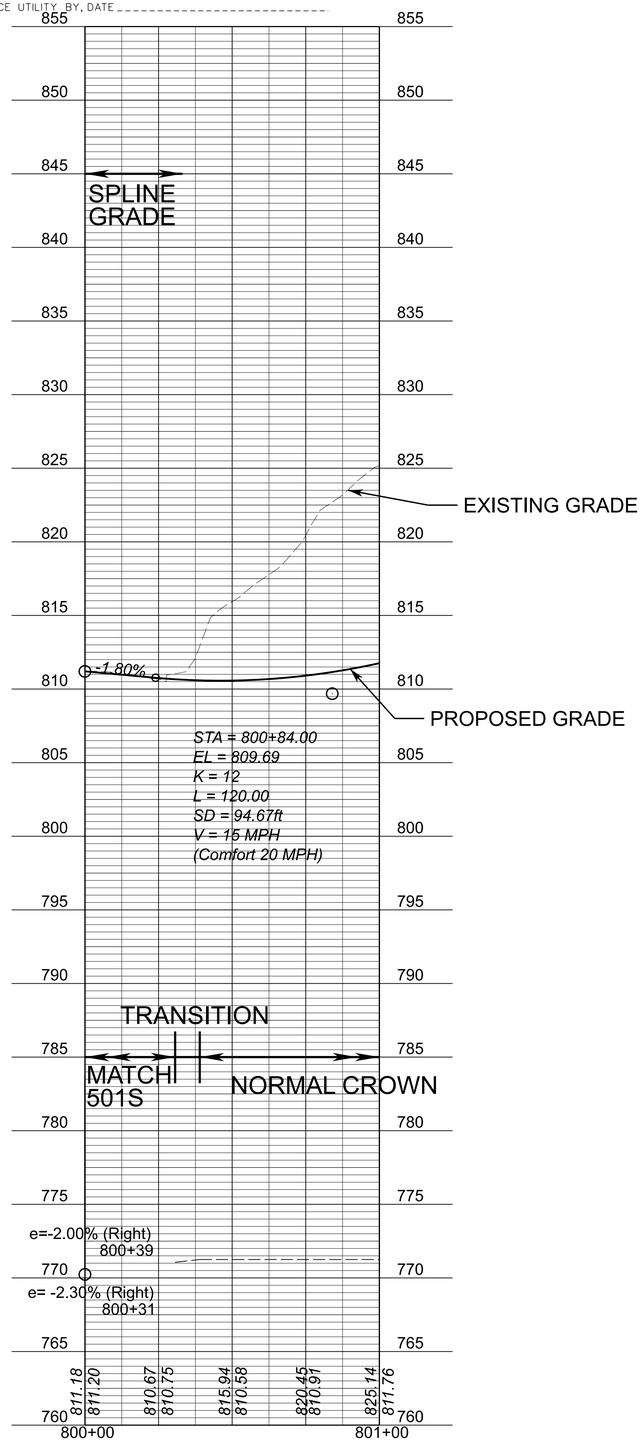
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	8A(4)

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

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 8A(4)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

RAMP C



REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	8A(5)

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

McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 8A(5)

ADDITIONAL EASEMENT 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

PHI PLANS

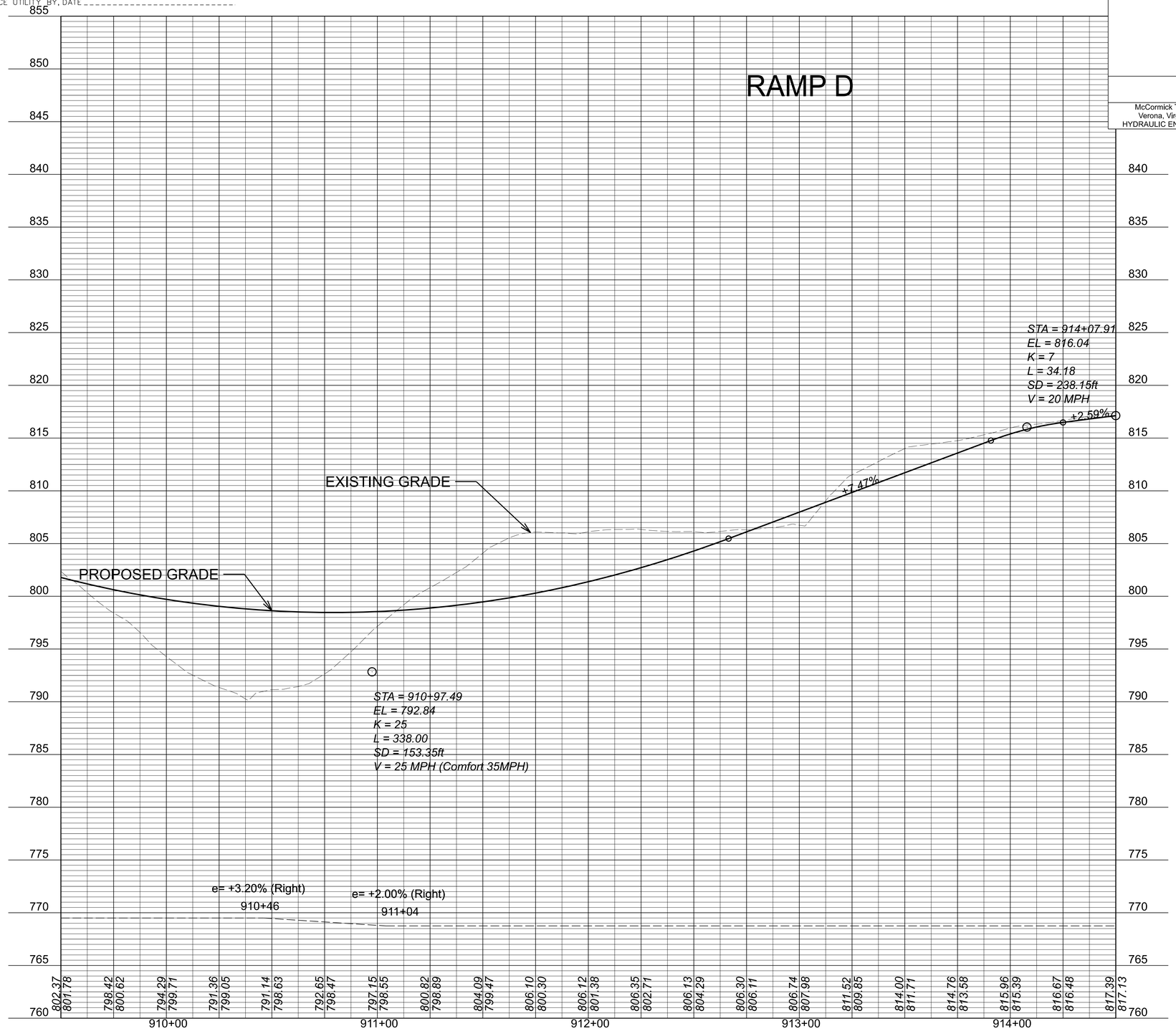
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	8A(6)

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

McCormick Taylor
Verona, Virginia
HYDRAULIC ENGINEER

McCormick Taylor
Verona, Virginia
Roadway Engineer



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 8A(6)

ADDITIONAL EASEMENT 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

PHI PLANS

PROJECT MANAGER _Dee Dee Conner, P.E.(434) 455-3929_
SURVEYED BY, DATE _Precision Measurements, Inc.(804) 340-5229_
DESIGN BY _McCormick Taylor Inc.(540) 248-0382_
SUBSURFACE UTILITY BY, DATE _____

EROSION AND SEDIMENT CONTROL PLAN

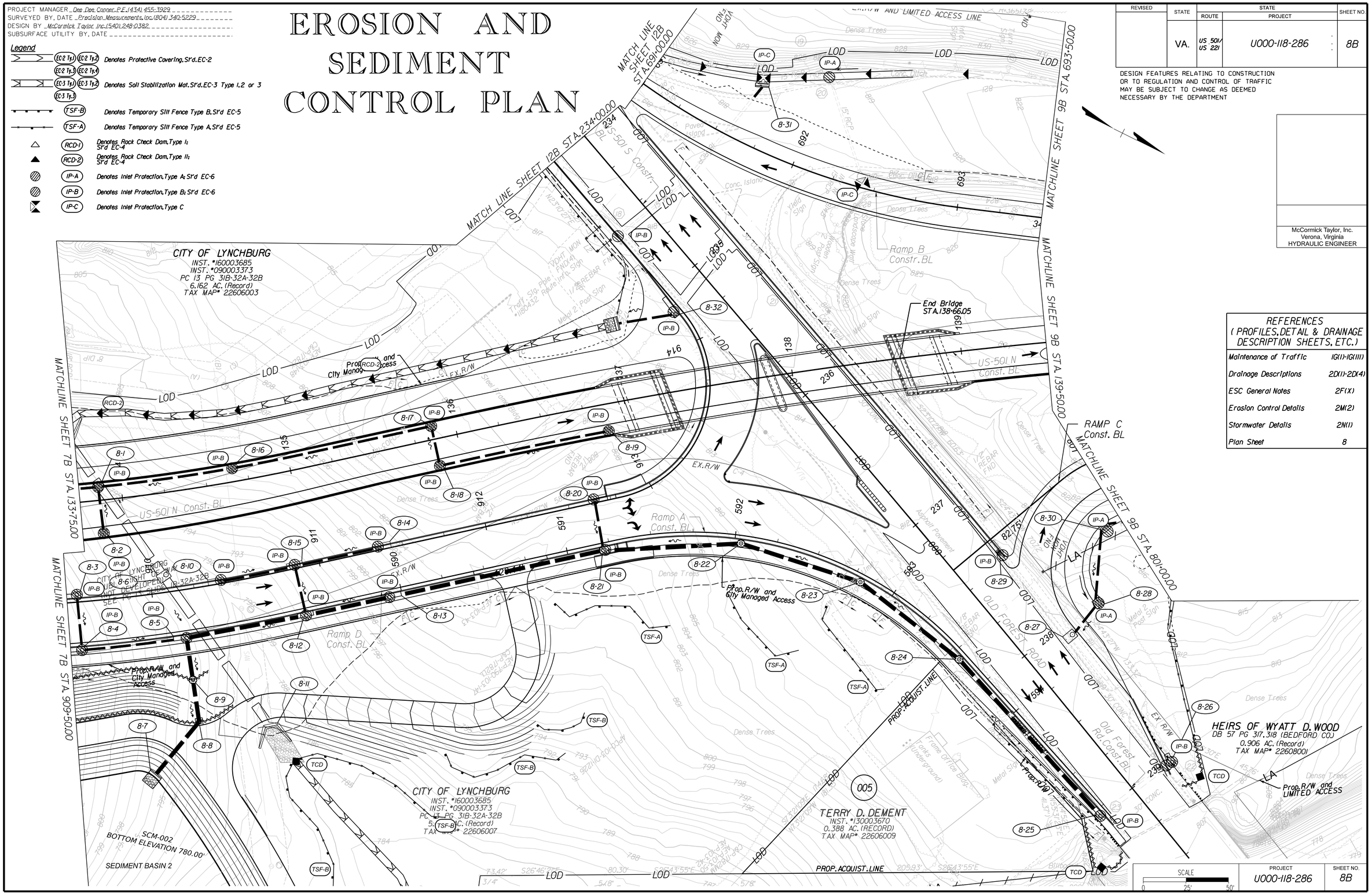
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	8B

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

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER

Legend

- EC-2 Ty.1, EC-2 Ty.2, EC-2 Ty.3, EC-2 Ty.4 — Denotes Protective Covering, St'd. EC-2
- EC-3 Ty.1, EC-3 Ty.2, EC-3 Ty.3 — Denotes Soil Stabilization Mat, St'd. EC-3 Type 1, 2 or 3
- TSF-B — Denotes Temporary Silt Fence Type B, St'd EC-5
- TSF-A — Denotes Temporary Silt Fence Type A, St'd EC-5
- RCD-1 — Denotes Rock Check Dam, Type I; St'd EC-4
- RCD-2 — Denotes Rock Check Dam, Type II; St'd EC-4
- IP-A — Denotes Inlet Protection, Type A; St'd EC-6
- IP-B — Denotes Inlet Protection, Type B; St'd EC-6
- IP-C — Denotes Inlet Protection, Type C



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

Maintenance of Traffic	1G(1)-1G(III)
Drainage Descriptions	2D(1)-2D(4)
ESC General Notes	2F(X)
Erosion Control Details	2M(2)
Stormwater Details	2N(1)
Plan Sheet	8

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	8B

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

ADDITIONAL EASEMENT 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

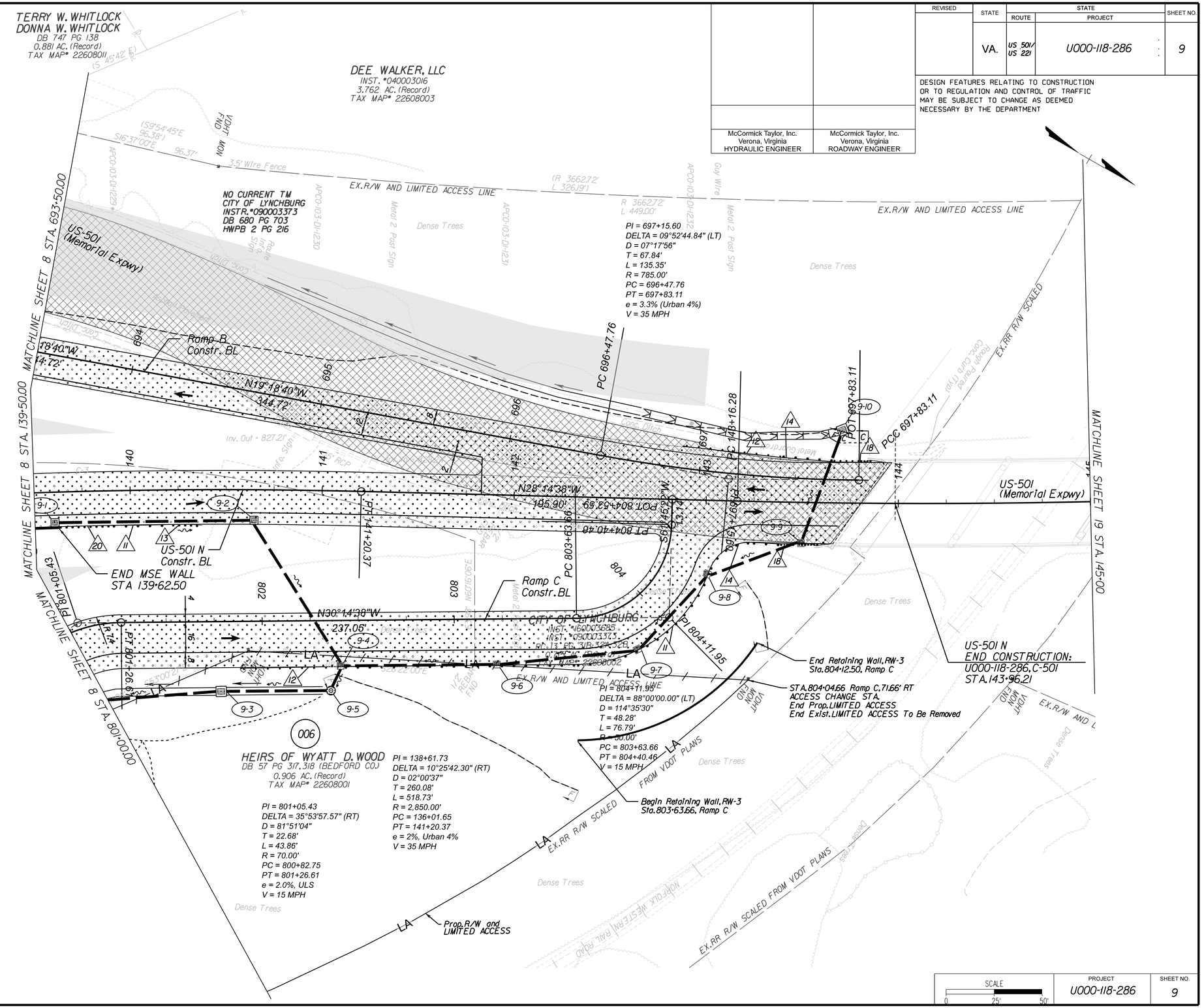
PH PLANS

INCIDENTAL LEGEND

1. St'd. CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd. MC-1
11. St'd. GR-MGS1 Req'd
12. St'd. GR-MGS2 Req'd
13. St'd. GR-MGS3 Req'd
14. St'd. GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd
18. Mod. GR-FOA-2, Type 1, Req'd
19. St'd. MS-1 Req'd
20. St'd. GR-FOA-5, Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C Denotes Construction Limits in Cuts
- F Denotes Construction Limits in Fills



REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	9

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

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER

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

Drainage Descr.	2D(1)-2D(4)
US-501 N Profile	9A(1)
Ramp B Profile	9A(2)
Ramp C Profile	9A(3)
ESC Plan	9B
Right of Way Plan	9RW
Signing & Pavement Marking Plan	22(9)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	9

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	9A(1)

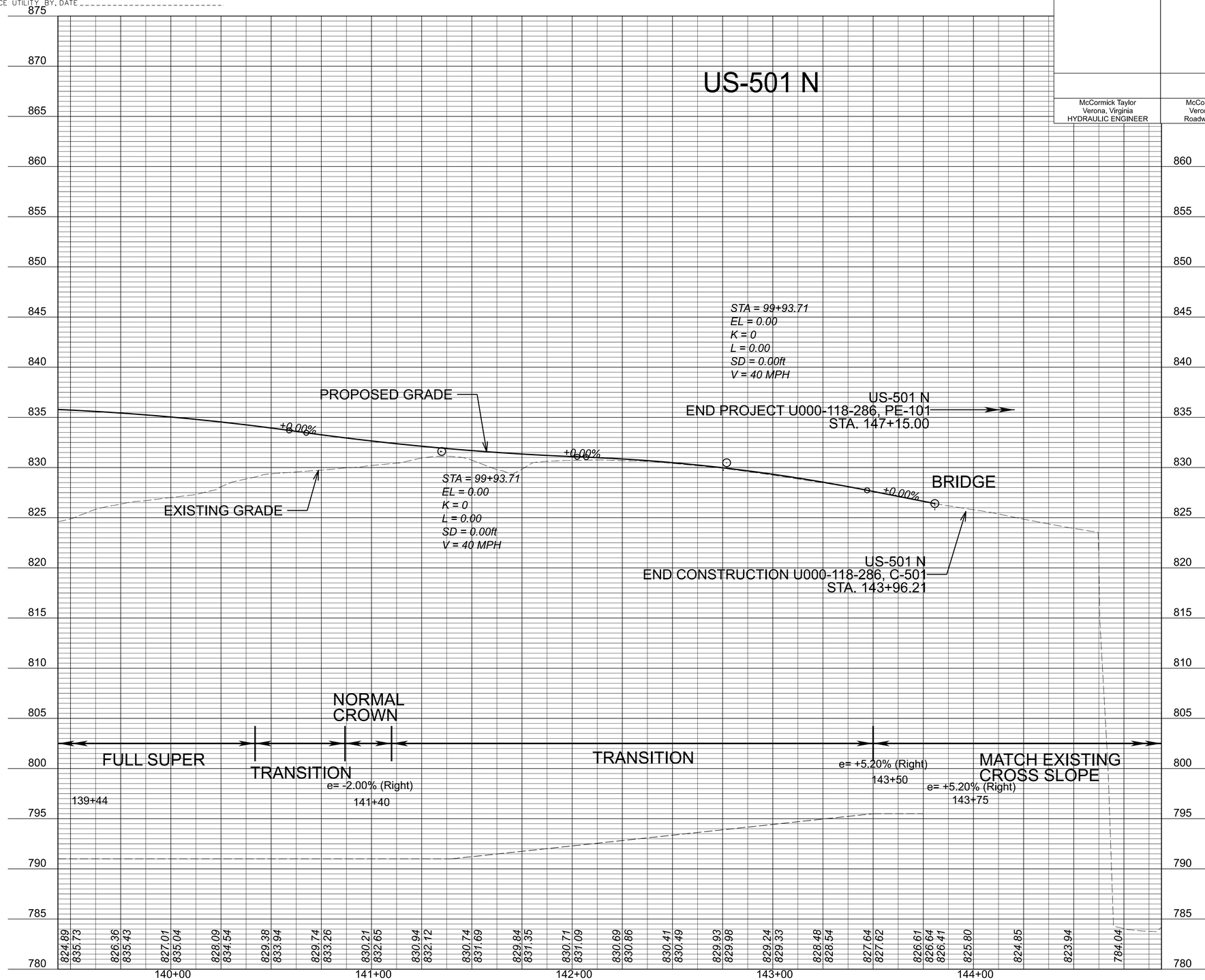
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

ADDITIONAL EASEMENT 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

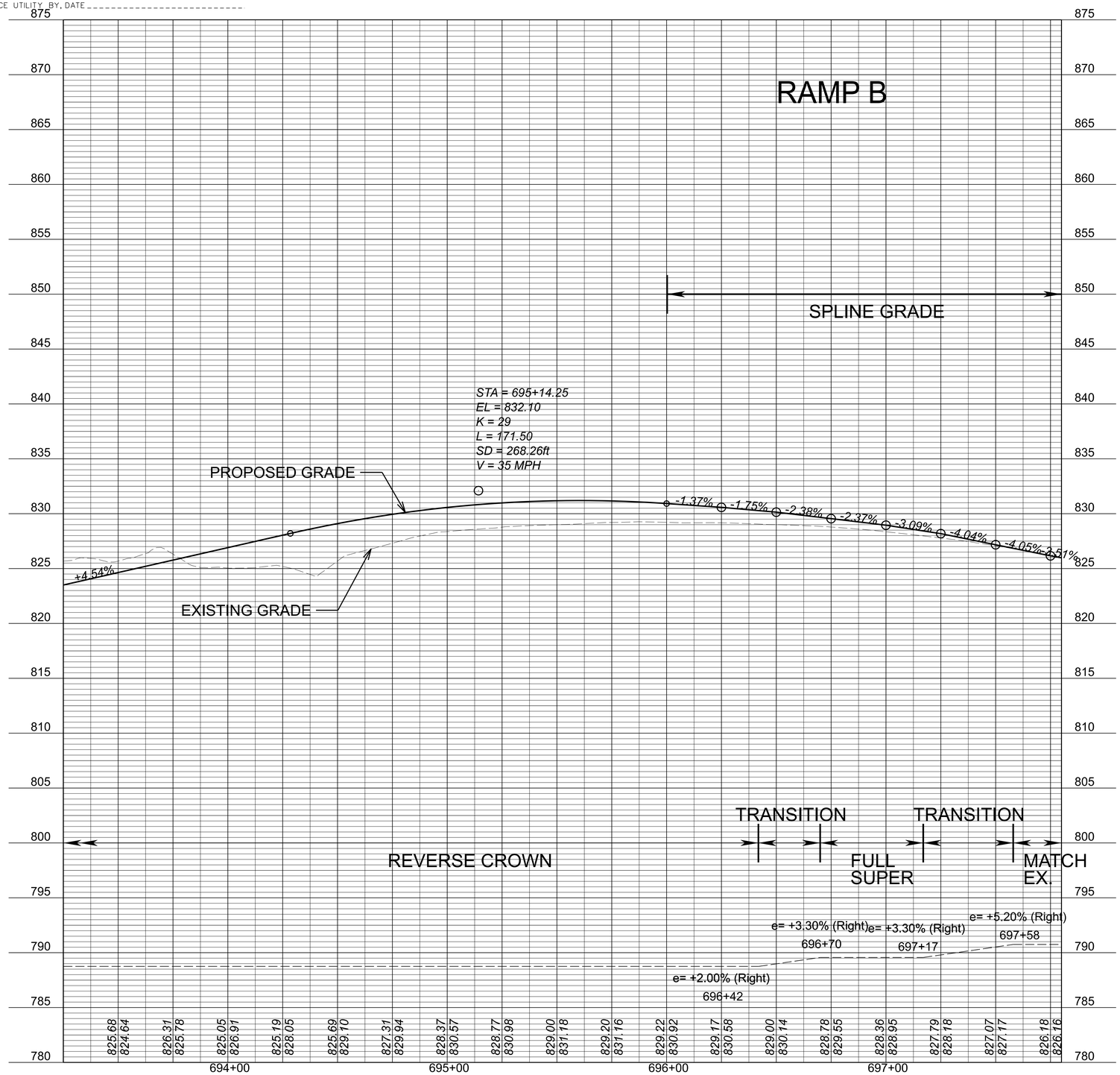
PH PLANS



Right Superelevation

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 9A(1)

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929 _
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _
DESIGN BY _ McCormick Taylor, Inc. (540) 248-0382 _
SUBSURFACE UTILITY BY, DATE _



McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	9A(2)

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

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 9A(2)

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

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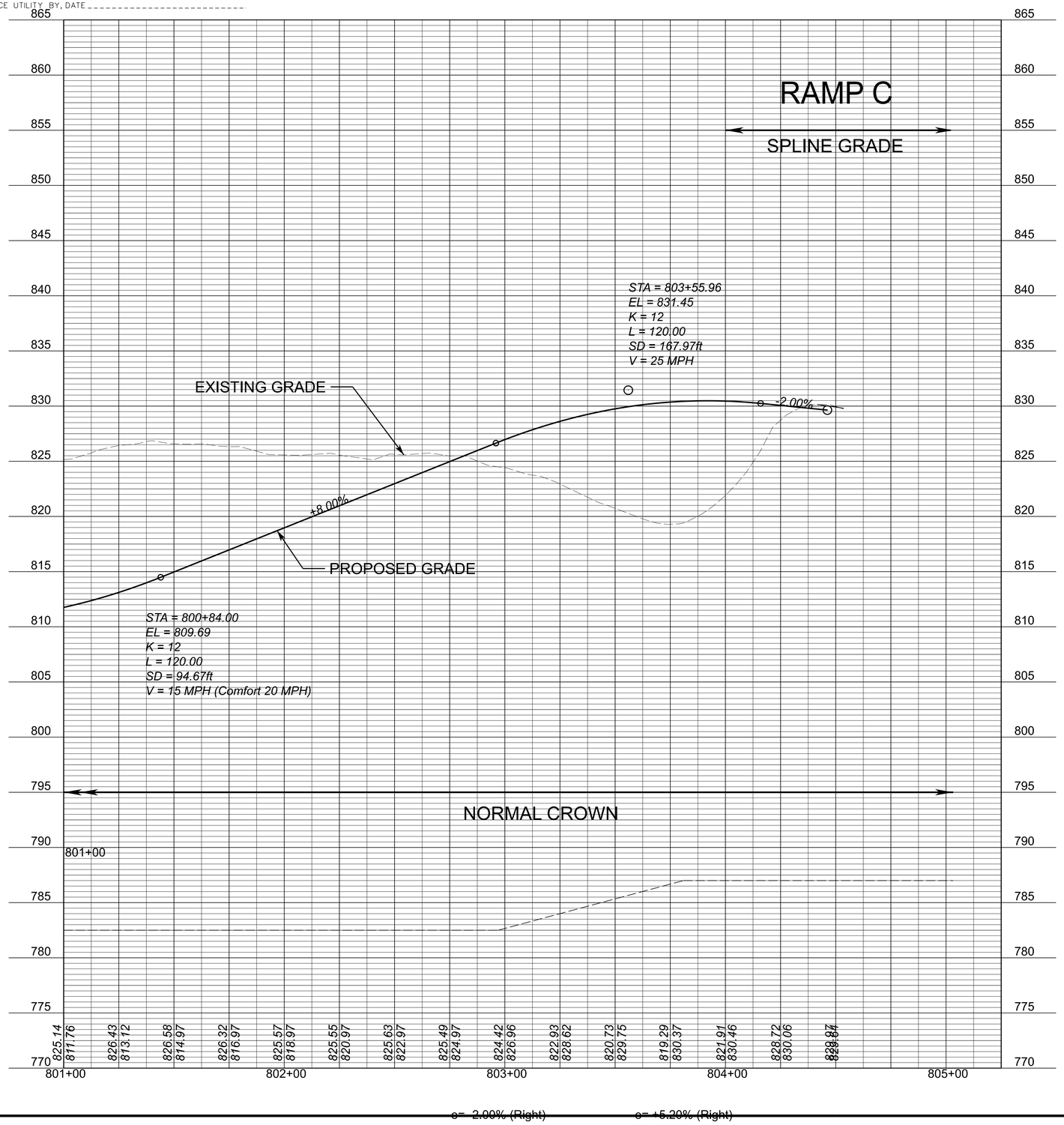
PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE



McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	9A(3)

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

V=1":5' H=1":25'	PROJECT	SHEET NO.
	U000-118-286	9A(3)

PHI 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

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

8/19/2026
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Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

ADDITIONAL EASEMENT 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

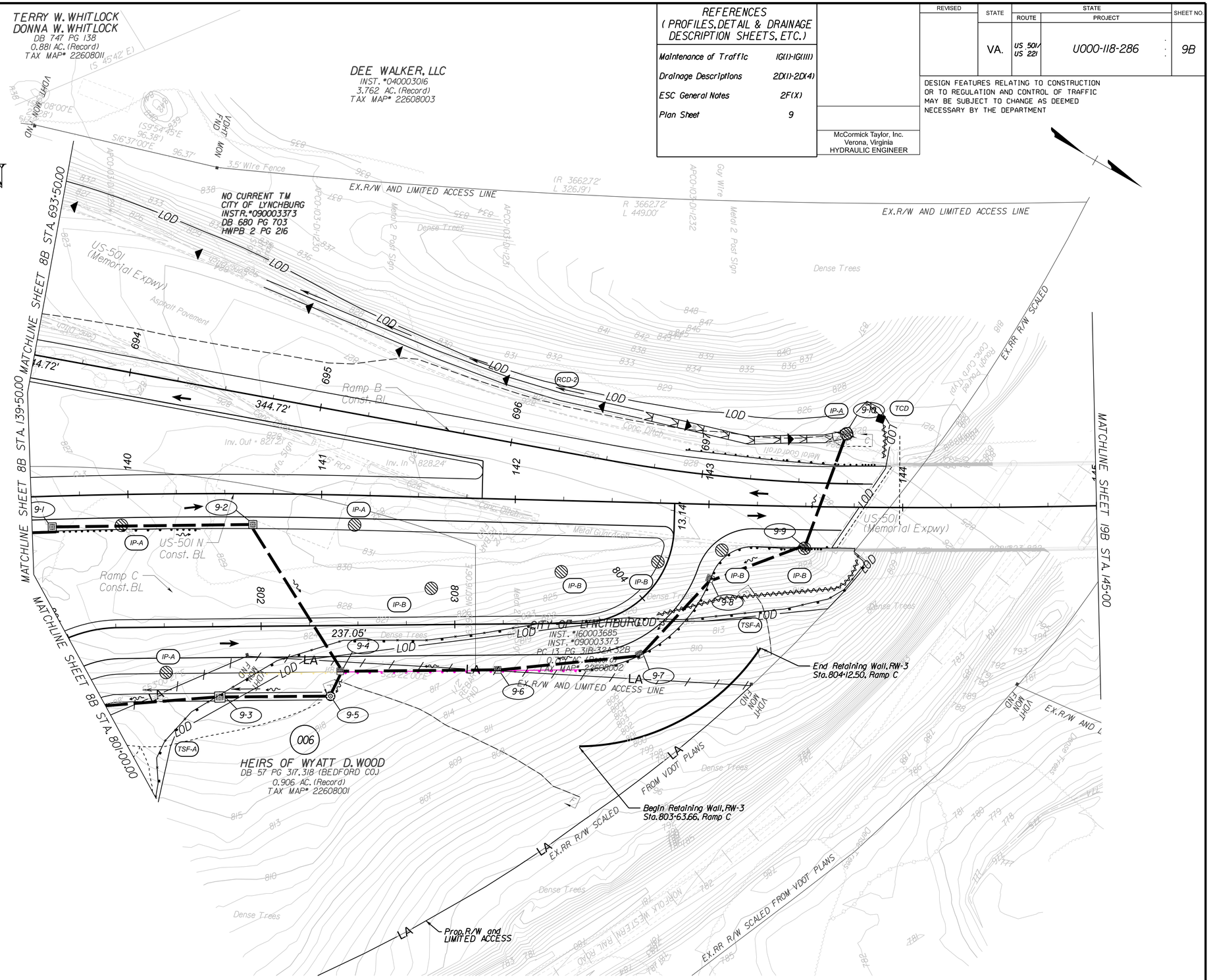
EROSION AND SEDIMENT CONTROL PLAN

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Maintenance of Traffic	1G(I)-1G(III)
Drainage Descriptions	2D(I)-2D(4)
ESC General Notes	2F(X)
Plan Sheet	9

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	9B

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



Legend

EC-2 Ty.1, EC-2 Ty.2, EC-2 Ty.3, EC-2 Ty.4	Denotes Protective Covering, St'd. EC-2
EC-3 Ty.1, EC-3 Ty.2, EC-3 Ty.3	Denotes Soil Stabilization Mat. St'd. EC-3 Type 1, 2 or 3
TSF-B	Denotes Temporary Silt Fence Type B, St'd EC-5
TSF-A	Denotes Temporary Silt Fence Type A, St'd EC-5
RCD-1	Denotes Rock Check Dam, Type I; St'd EC-4
RCD-2	Denotes Rock Check Dam, Type II; St'd EC-4
IP-A	Denotes Inlet Protection, Type A; St'd EC-6
IP-B	Denotes Inlet Protection, Type B; St'd EC-6
IP-C	Denotes Inlet Protection, Type C

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	9B

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	10

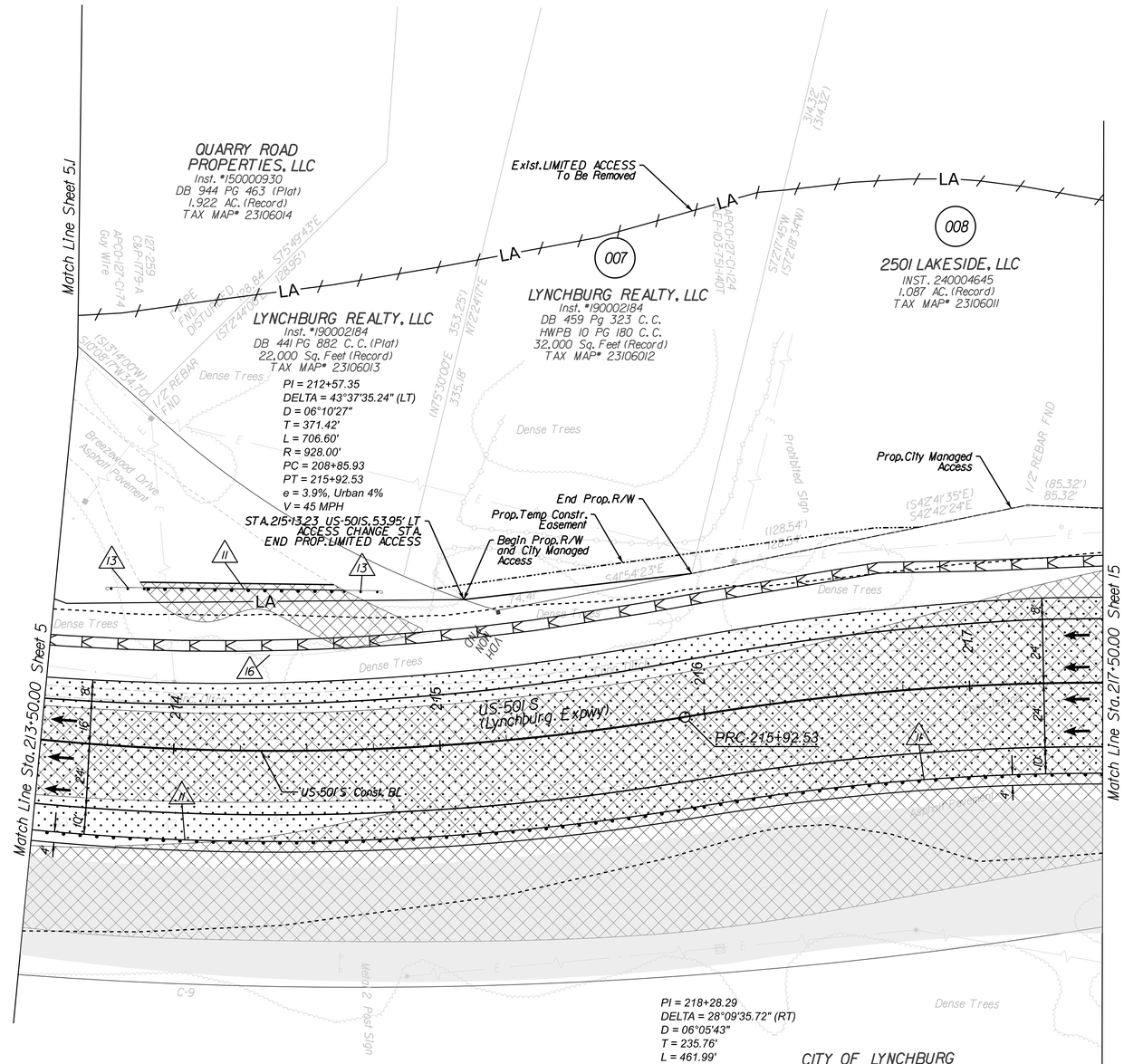
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER

ADDITIONAL EASEMENT 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



PI = 218+28.29
DELTA = 28°09'35.72" (RT)
D = 06°05'43"
T = 235.76'
L = 461.99'
R = 940.00'
PC = 215+92.53
PT = 220+54.52
e = 2.0%, ULS
V = 35 MPH

CITY OF LYNCHBURG
INST. #160003685
PC 13 PG 31B-32A-32B
4.221 AC. (Record)
TAX MAP# 23103003

INCIDENTAL LEGEND

1. St'd. CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd. MC-1
11. St'd. GR-MGS1 Req'd
12. St'd. GR-MGS2 Req'd
13. St'd. GR-MGS3 Req'd
14. St'd. GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd.
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C Denotes Construction Limits In Cuts
- F Denotes Construction Limits In Fills

SCM-1

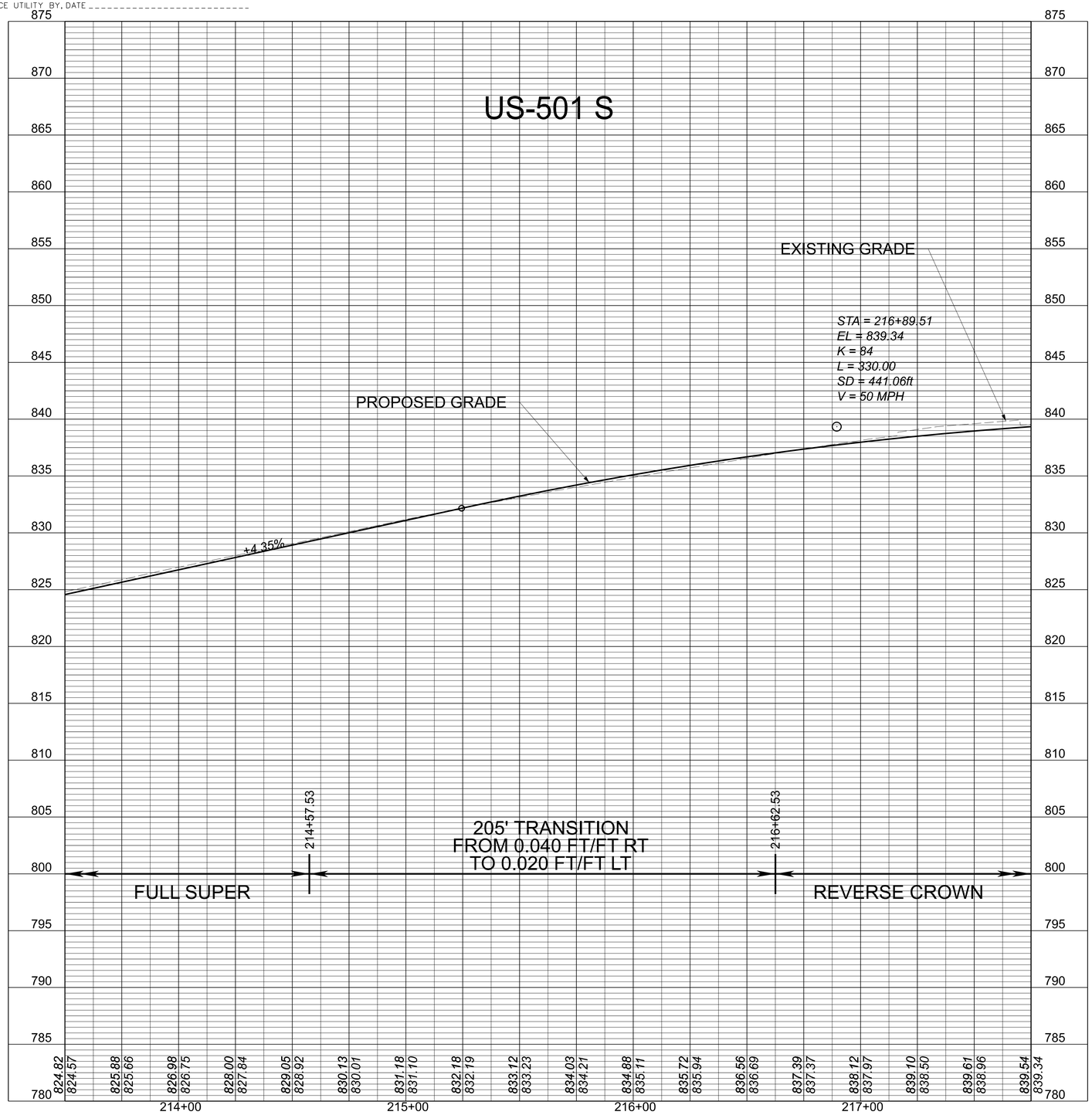
REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Drainage Descr.	2D(1)-2D(4)
US-501 S Profile	10A(1)
ESC Plan	10B
Signing & Pavement Marking Plan	22(10)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	10

PROJECT MANAGER _ Dee Dee Copner, P.E. (434) 455-3929 _____
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _____
DESIGN BY _ Dewberry, Inc. (804) 690-5960 _____
SUBSURFACE UTILITY BY, DATE _____



REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	10A(1)

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

Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 10A(1)

8/19/2026
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Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

ADDITIONAL EASEMENT 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

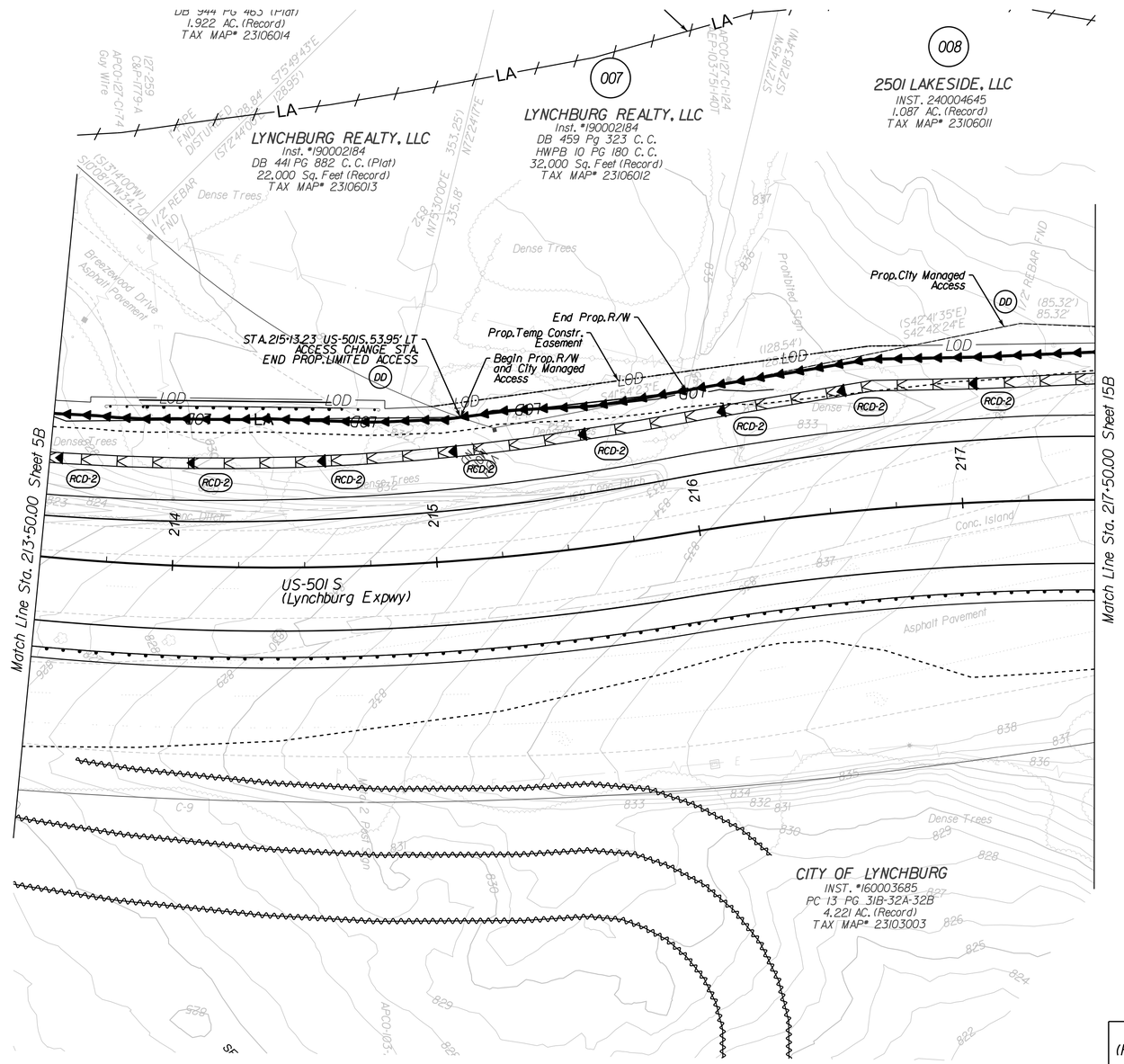
PH PLANS

EROSION AND SEDIMENT CONTROL PLAN

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	10B

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

Dewberry, Inc.
Roanoke, Virginia
HYDRAULIC ENGINEER



Legend

- EC-2 Ty.1, EC-2 Ty.2, EC-2 Ty.3, EC-2 Ty.4 — Denotes Protective Covering, St'd. EC-2
- EC-3 Ty.1, EC-3 Ty.2, EC-3 Ty.3 — Denotes Soil Stabilization Mat. St'd. EC-3 Type 1, 2 or 3
- TSF-B — Denotes Temporary Silt Fence Type B, St'd EC-5
- TSF-A — Denotes Temporary Silt Fence Type A, St'd EC-5
- RCD-1 — Denotes Rock Check Dam, Type I; St'd EC-4
- RCD-2 — Denotes Rock Check Dam, Type II; St'd EC-4
- IP-A — Denotes Inlet Protection, Type A; St'd EC-6
- IP-B — Denotes Inlet Protection, Type B; St'd EC-6
- IP-C — Denotes Inlet Protection, Type C
- TDC — Denotes Temporary Diversion Channel, St'd EC-12
- OP — Culvert Outlet Protection, EC-1
- CE — Stabilized Construction Entrance, St'd EC-11
- ST — Sediment Trap, St'd. EC-7 Req'd.
- LOD — Limit of Disturbance
- DD — Denotes Temporary Diversion Dike, St'd EC-9 - May be substituted for SRR Slope Interrupter EC-15 with VDOT Approval
- SB — Sediment Basin

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

TTC Narrative	XX
Maintenance of Traffic	1G(1)-1G(53)
ESC General Notes	XX
Drainage Descriptions	2D(1)-2D(4)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	10B

ADDITIONAL EASEMENT 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

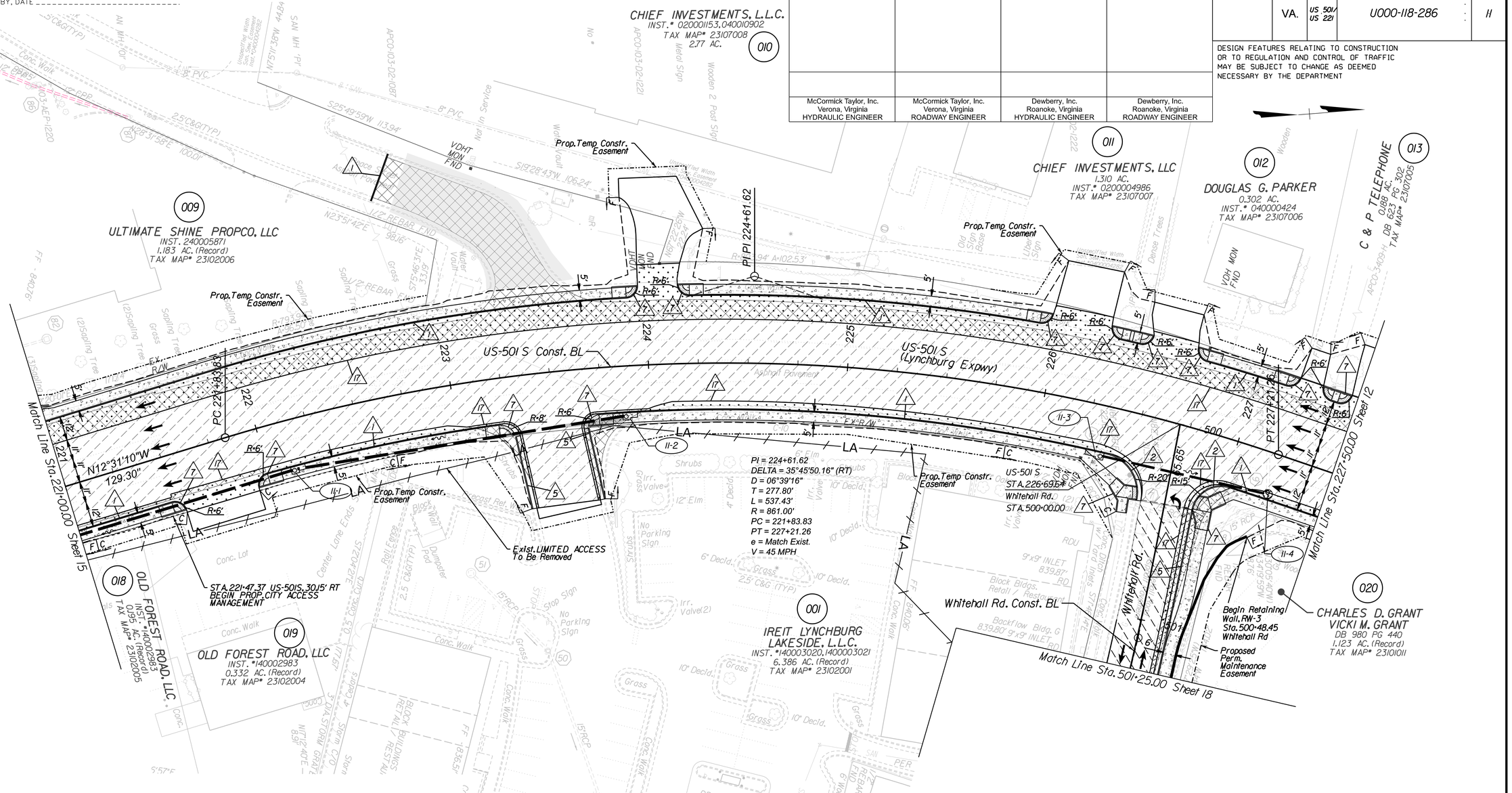
PH PLANS

PROJECT MANAGER _Dee Dee Conner, P.E.(434) 455-3929_
SURVEYED BY, DATE _Precision Measurements, Inc.(804) 340-5229_
DESIGN BY _McCormick Taylor Inc.(540) 248-0382_
SUBSURFACE UTILITY BY, DATE _____

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER	Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	11

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



INCIDENTAL LEGEND

1. St'd.CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12,Type B Req'd
8. St'd CG-12,Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd.MC-1
11. St'd.GR-MGS1 Req'd
12. St'd.GR-MGS2 Req'd
13. St'd.GR-MGS3 Req'd
14. St'd.GR-MGS4 Req'd
15. Mod.GR-FOA-1,Type 1,Req'd.
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C ---- Denotes Construction Limits In Cuts
- F ___ Denotes Construction Limits In Fills

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

Drainage Descr.	2D(1)-2D(4)
US-501 S Profile	11A(1)
Whitehall Rd. Profile	11A(2)
ESC Plan	11B
Signing & Pavement Marking Plan	22(11)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	11

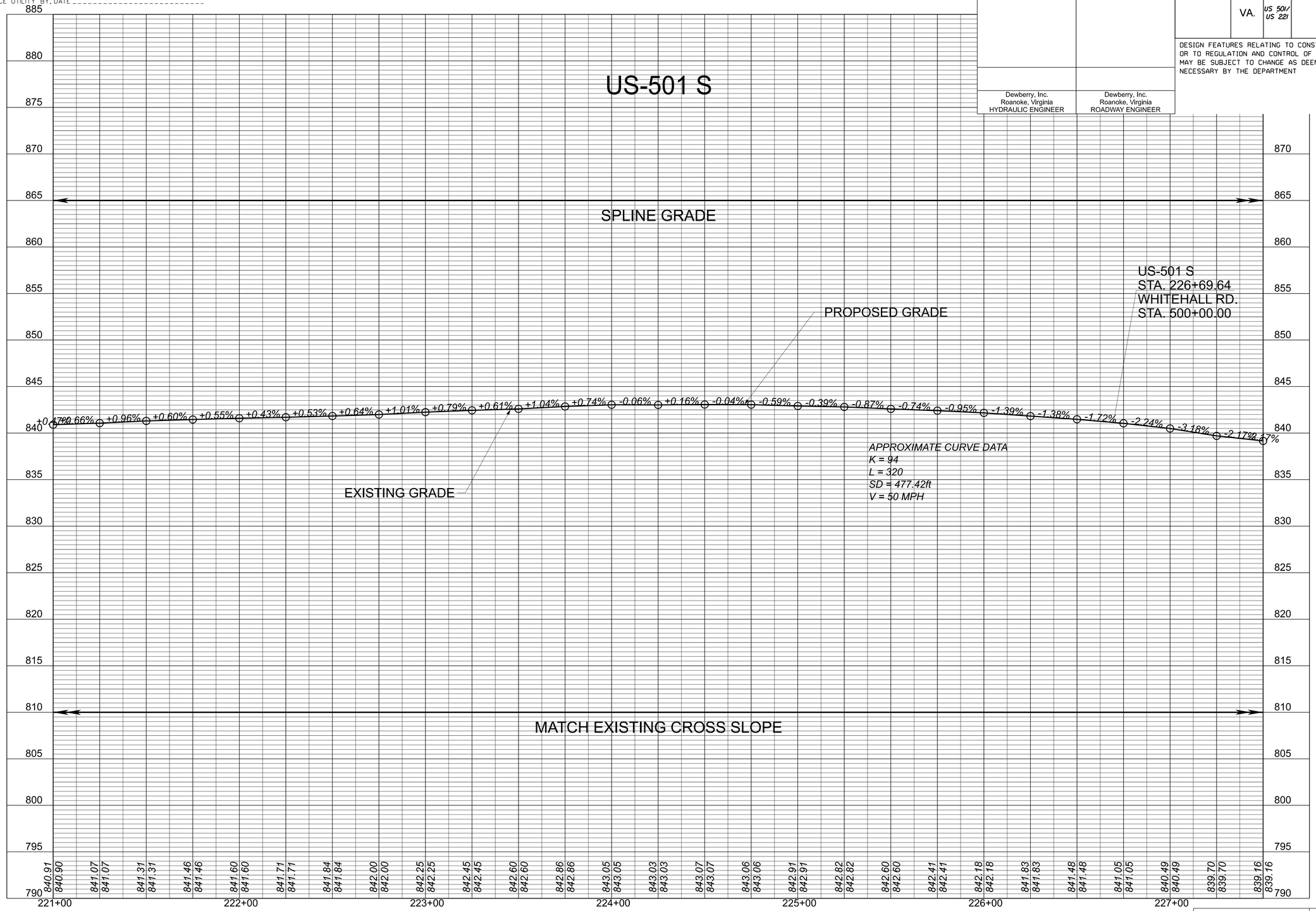
PROJECT MANAGER _ Dee Dee Copner, P.E. (434) 455-3929 _____
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _____
DESIGN BY _ Dewberry, Inc. (804) 690-5960 _____
SUBSURFACE UTILITY BY, DATE _____

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	11A(1)

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

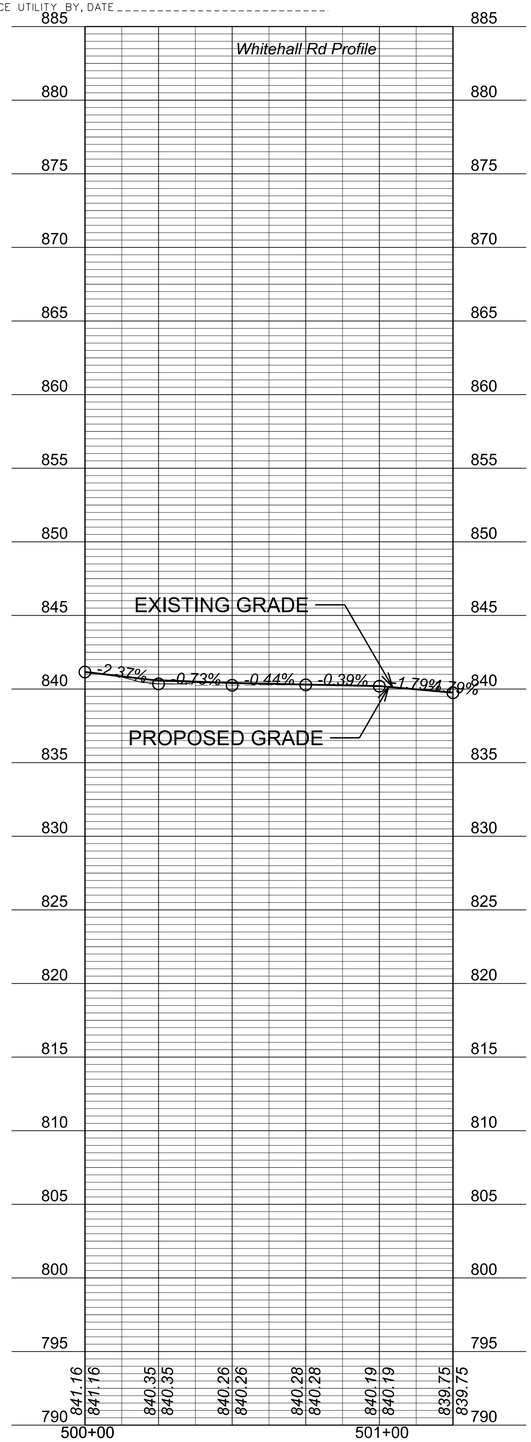
Dewberry, Inc.
Roanoke, Virginia
HYDRAULIC ENGINEER

Dewberry, Inc.
Roanoke, Virginia
ROADWAY ENGINEER



V=1":5' H=1":25'	PROJECT	SHEET NO.
	U000-118-286	11A(1)

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929 _
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _
DESIGN BY _ McCormick Taylor, Inc. (540) 248-0382 _
SUBSURFACE UTILITY BY, DATE _



WHITEHALL ROAD

McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	11A(2)

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

ADDITIONAL EASEMENT 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

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 11A(2)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

EROSION AND SEDIMENT CONTROL PLAN

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	11B

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

Dewberry, Inc.
Roanoke, Virginia
HYDRAULIC ENGINEER

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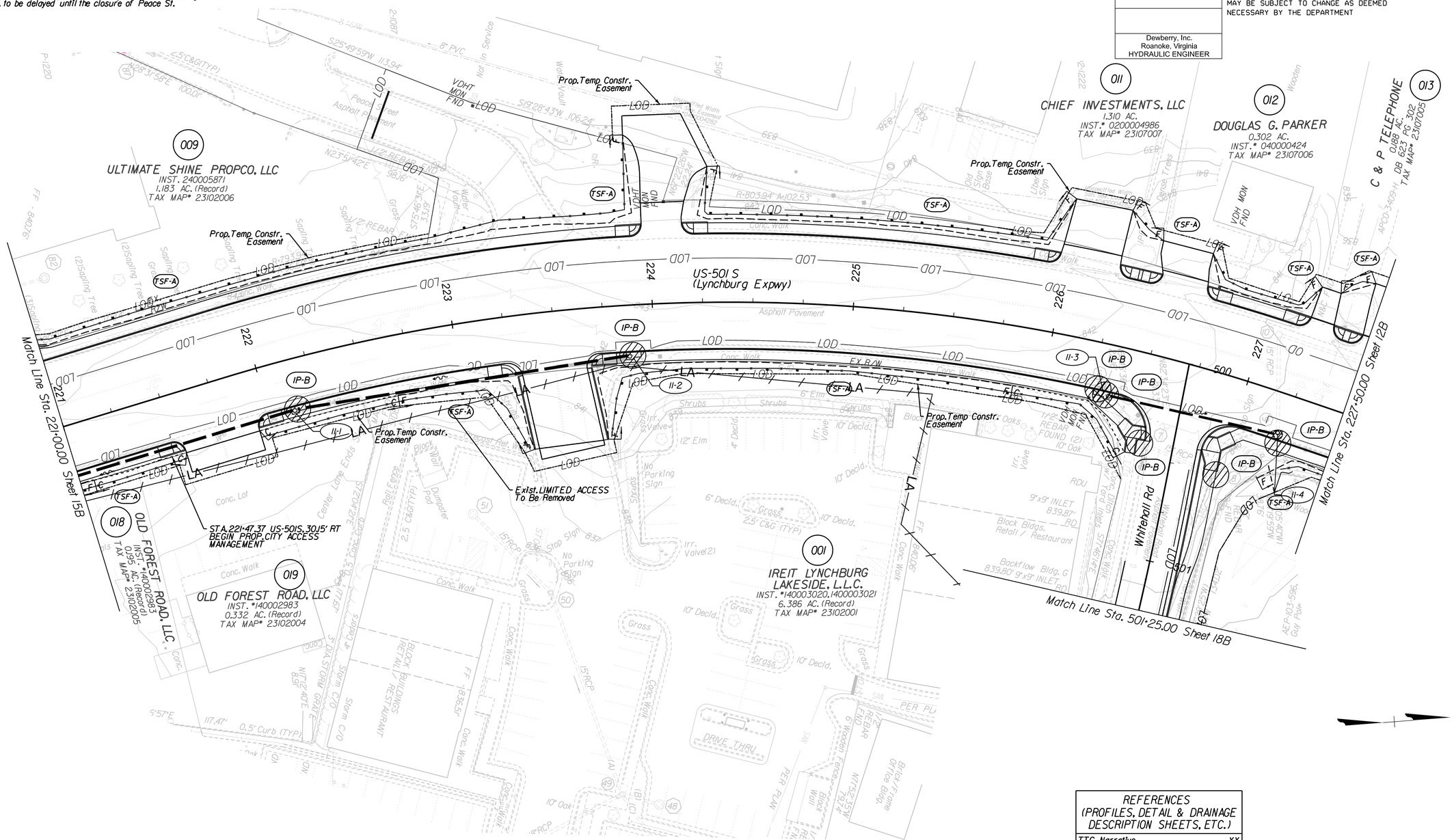
PH PLANS

Note: Installation of proposed temporary silt fence crossing Peace St. to be delayed until the closure of Peace St.



Legend

- EC-2 Ty.1, EC-2 Ty.2, EC-2 Ty.3, EC-2 Ty.4 — Denotes Protective Covering, St'd. EC-2
- EC-3 Ty.1, EC-3 Ty.2, EC-3 Ty.3 — Denotes Soil Stabilization Mat. St'd. EC-3 Type 1, 2 or 3
- TSF-B — Denotes Temporary Silt Fence Type B, St'd EC-5
- TSF-A — Denotes Temporary Silt Fence Type A, St'd EC-5
- RCD-1 — Denotes Rock Check Dam, Type I: St'd EC-4
- RCD-2 — Denotes Rock Check Dam, Type II: St'd EC-4
- IP-A — Denotes Inlet Protection, Type A: St'd EC-6
- IP-B — Denotes Inlet Protection, Type B: St'd EC-6
- IP-C — Denotes Inlet Protection, Type C
- TDC — Denotes Temporary Diversion Channel, St'd EC-12
- OP — Culvert Outlet Protection, EC-1
- CE — Stabilized Construction Entrance, St'd EC-11
- ST — Sediment Trap, St'd. EC-7 Req'd.
- LOD — Limit of Disturbance
- DD — Denotes Temporary Diversion Dike, St'd EC-9 - May be substituted for SRR Slope Interrupter EC-15 with VDOT Approval
- SB — Sediment Basin

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
TTC Narrative	XX
Maintenance of Traffic	1G(1)-1G(53)
ESC General Notes	XX
Drainage Descriptions	2D(1)-2D(4)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	11B

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	12

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

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER	Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER

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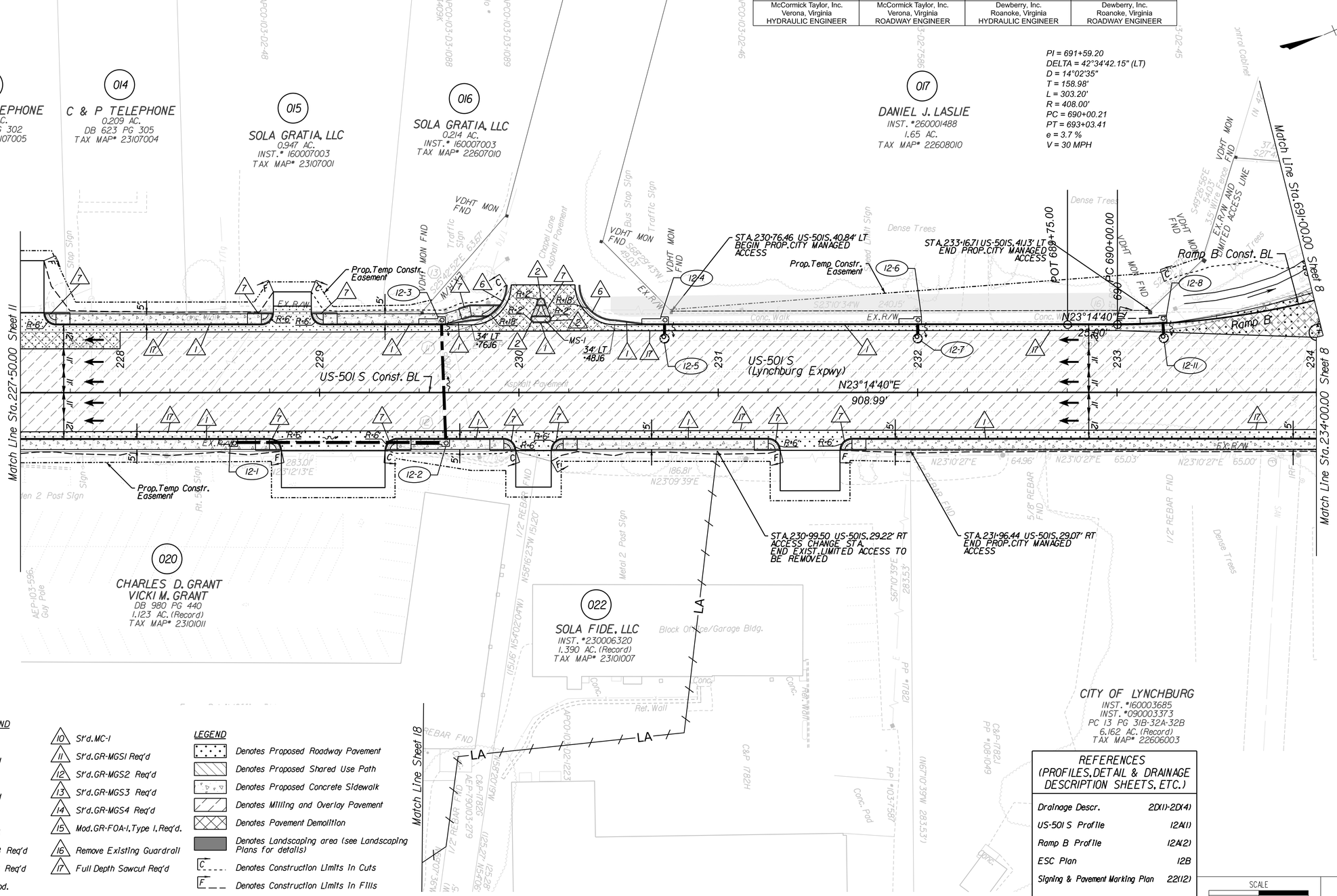
PH PLANS



INCIDENTAL LEGEND

1. St'd.CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd.MC-1
11. St'd.GR-MGS1 Req'd
12. St'd.GR-MGS2 Req'd
13. St'd.GR-MGS3 Req'd
14. St'd.GR-MGS4 Req'd
15. Mod.GR-FOA-1, Type 1, Req'd.
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C ____ Denotes Construction Limits In Cuts
- F ____ Denotes Construction Limits In Fills

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

Drainage Descr.	2D(1)-2D(4)
US-501 S Profile	12A(1)
Ramp B Profile	12A(2)
ESC Plan	12B
Signing & Pavement Marking Plan	22(12)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	12

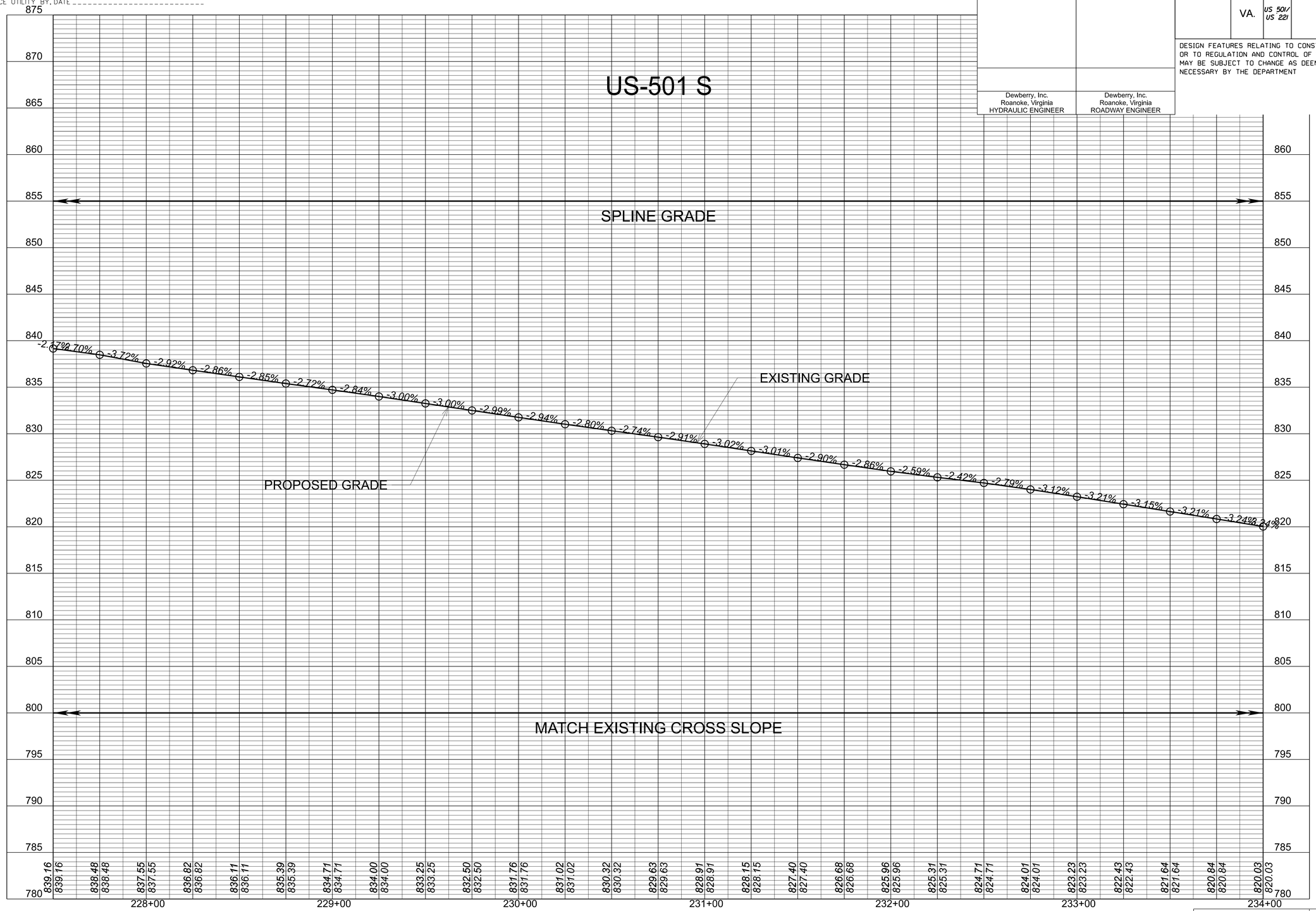
PROJECT MANAGER _ Dee Dee Copner, P.E. (434) 455-3929
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229
DESIGN BY _ Dewberry, Inc. (804) 690-5960
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	12A(1)

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

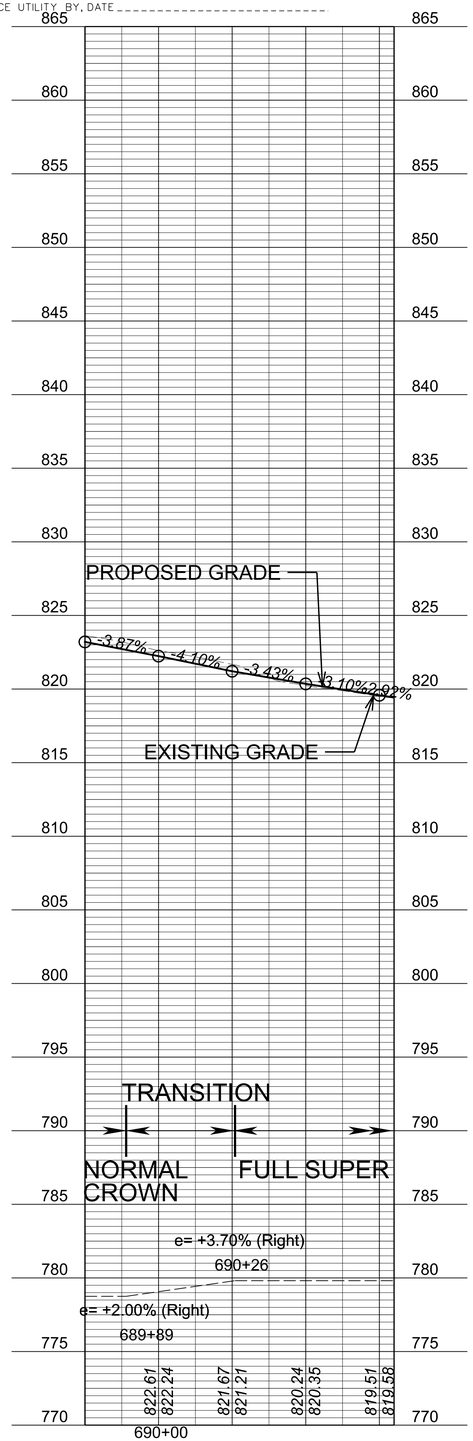
Dewberry, Inc.
Roanoke, Virginia
HYDRAULIC ENGINEER

Dewberry, Inc.
Roanoke, Virginia
ROADWAY ENGINEER



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 12A(1)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE



RAMP B

McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	12A(2)

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

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 12A(2)

ADDITIONAL EASEMENT 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

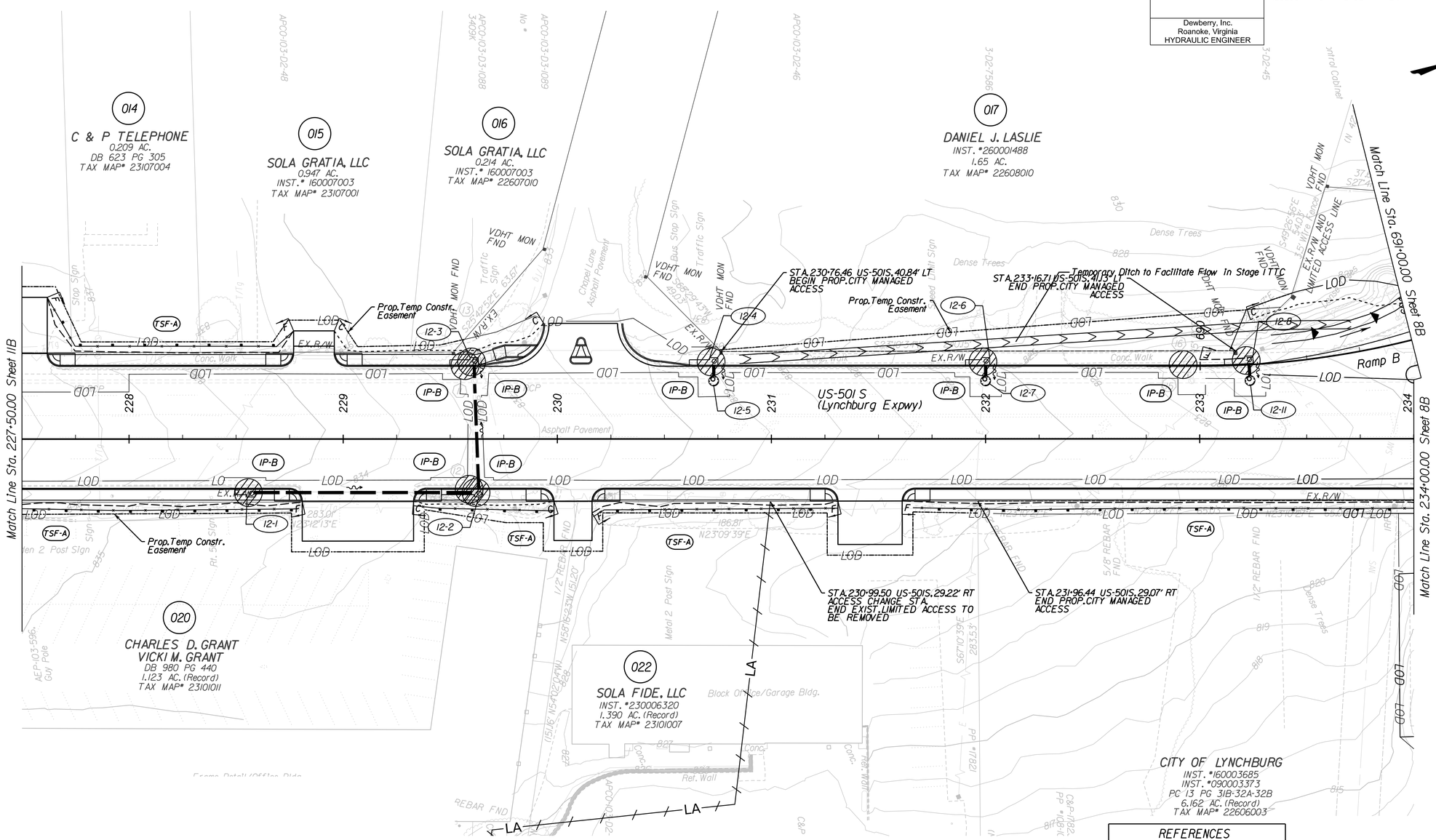
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

EROSION AND SEDIMENT CONTROL PLAN

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	12B

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

Dewberry, Inc.
Roanoke, Virginia
HYDRAULIC ENGINEER



Legend

- EC-2 Ty.1, EC-2 Ty.2, EC-2 Ty.3, EC-2 Ty.4 — Denotes Protective Covering, St'd. EC-2
- EC-3 Ty.1, EC-3 Ty.2, EC-3 Ty.3 — Denotes Soil Stabilization Mat, St'd. EC-3 Type 1, 2 or 3
- TSF-B — Denotes Temporary Silt Fence Type B, St'd EC-5
- TSF-A — Denotes Temporary Silt Fence Type A, St'd EC-5
- RCD-1 — Denotes Rock Check Dam, Type I; St'd EC-4
- RCD-2 — Denotes Rock Check Dam, Type II; St'd EC-4
- IP-A — Denotes Inlet Protection, Type A; St'd EC-6
- IP-B — Denotes Inlet Protection, Type B; St'd EC-6
- IP-C — Denotes Inlet Protection, Type C
- TDC — Denotes Temporary Diversion Channel, St'd EC-12
- OP — Culvert Outlet Protection, EC-1
- CE — Stabilized Construction Entrance, St'd EC-11
- ST — Sediment Trap, St'd. EC-7 Req'd.
- LOD — Limit of Disturbance
- DD — Denotes Temporary Diversion Dike, St'd EC-9 - May be substituted for SRR Slope Interrupter EC-15 with VDOT Approval
- SB — Sediment Basin

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

TTC Narrative	XX
Maintenance of Traffic	1G(1)-1G(53)
ESC General Notes	XX
Drainage Descriptions	2D(1)-2D(4)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	12B

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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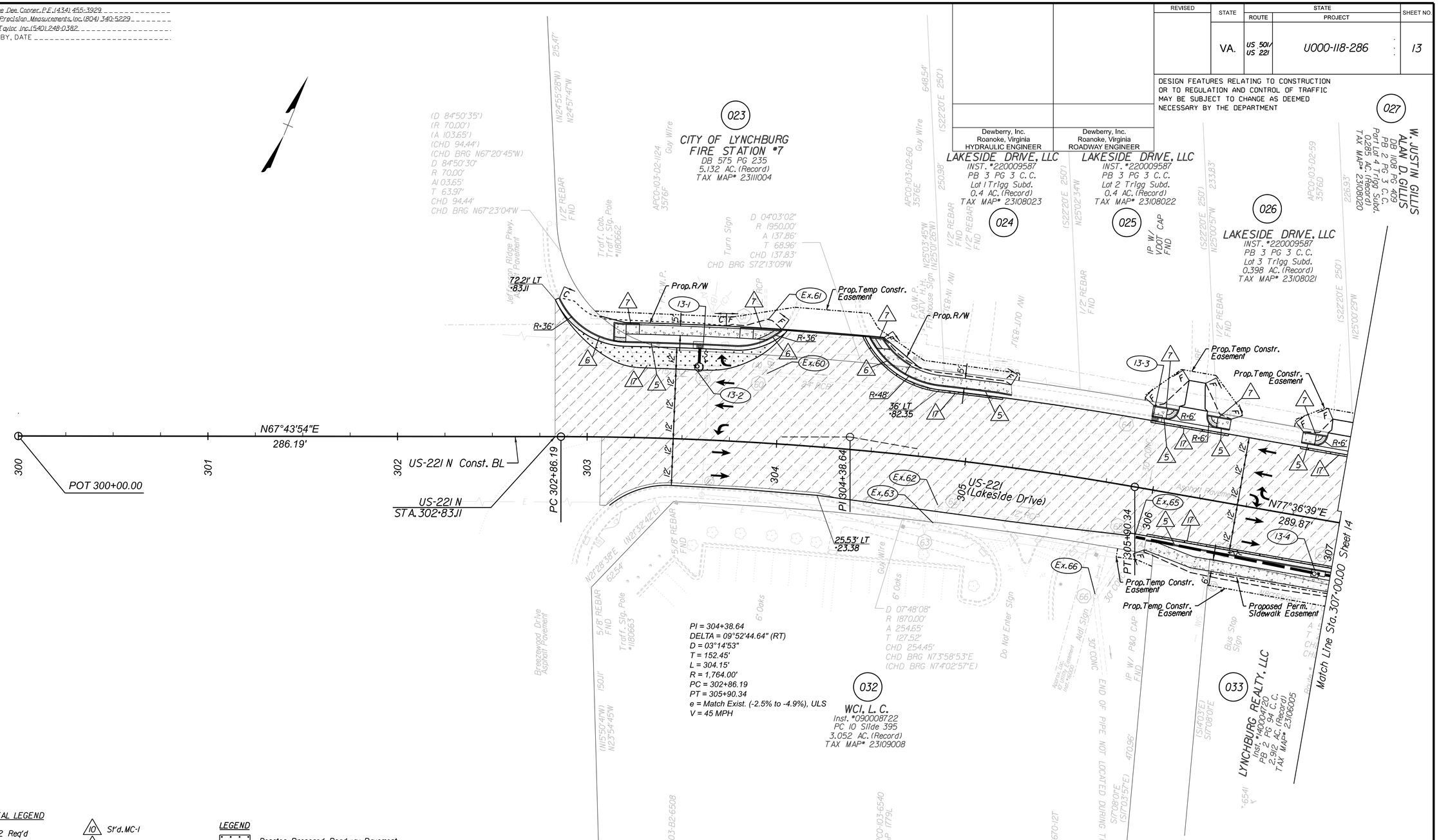
PH PLANS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	13

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

Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER

Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER



INCIDENTAL LEGEND

1. St'd. CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd. MC-1
11. St'd. GR-MGS1 Req'd
12. St'd. GR-MGS2 Req'd
13. St'd. GR-MGS3 Req'd
14. St'd. GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd.
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C — Denotes Construction Limits In Cuts
- F — Denotes Construction Limits In Fills

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

Drainage Descr.	2D(1)-2D(4)
US-221 N Profile	13A(1)
ESC Plan	13B
Signing & Pavement Marking Plan	22(13)

SCALE 0 25' 50'

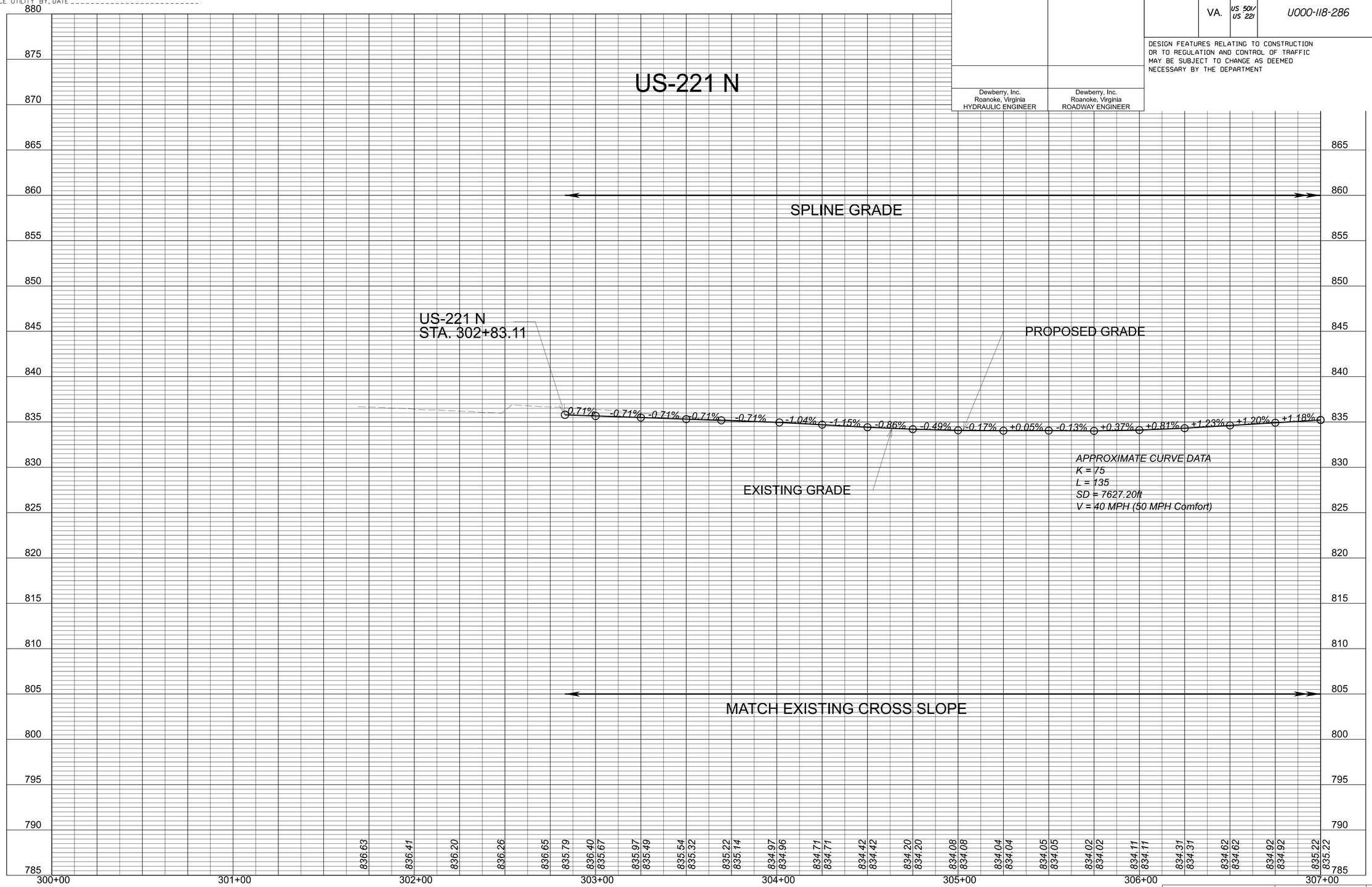
PROJECT	SHEET NO.
U000-118-286	13

PROJECT MANAGER _ Dee Dee Copner, P.E. (434) 455-3929 _____
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _____
DESIGN BY _ Dewberry, Inc. (804) 690-5960 _____
SUBSURFACE UTILITY BY, DATE _____

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	13A(1)

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

Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 13A(1)

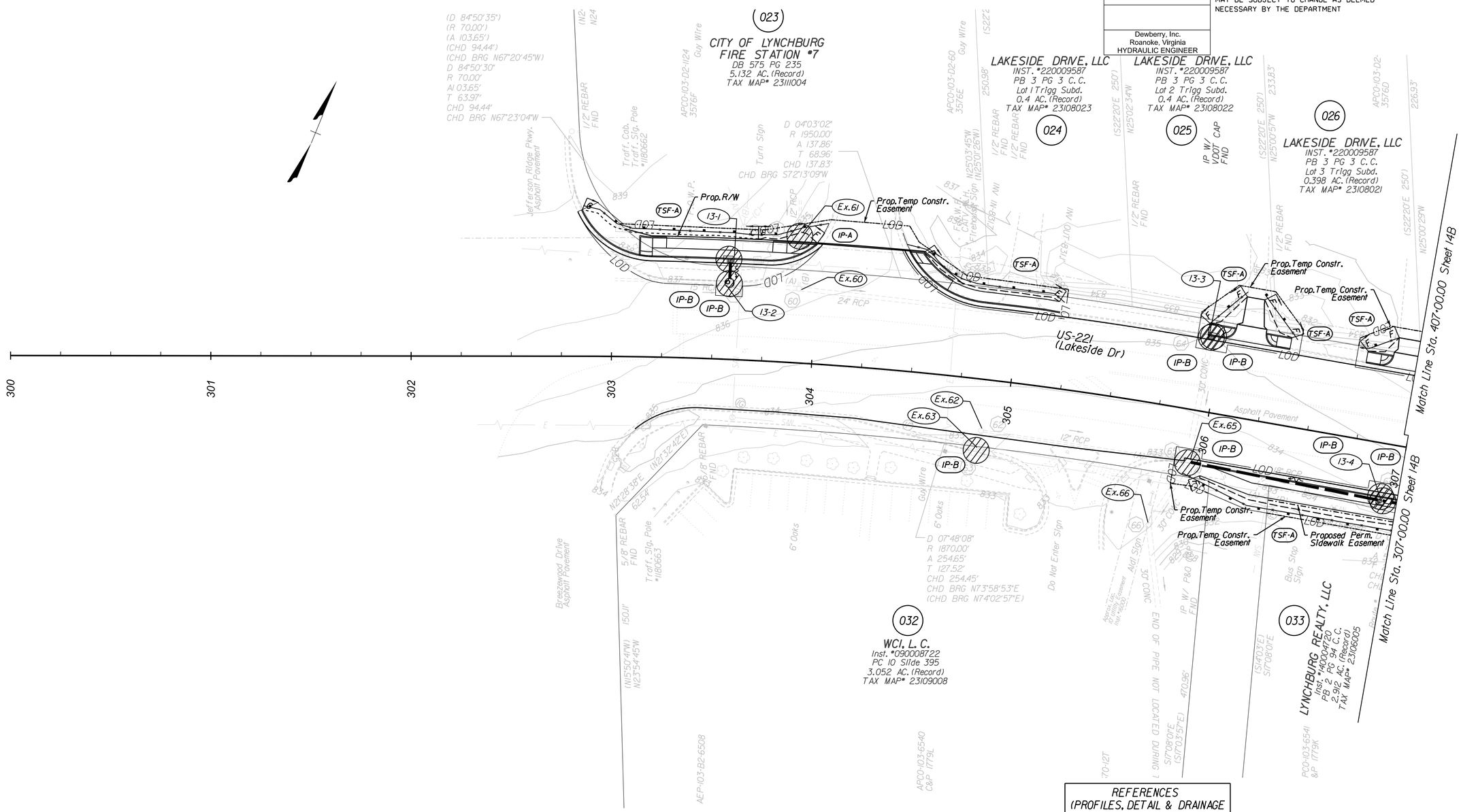
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	13B

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

Dewberry, Inc.
Roanoke, Virginia
HYDRAULIC ENGINEER

EROSION AND SEDIMENT CONTROL PLAN



Legend

EC-2 Ty.1 EC-2 Ty.2	Denotes Protective Covering, St'd. EC-2
EC-2 Ty.3 EC-2 Ty.4	
EC-3 Ty.1 EC-3 Ty.2	Denotes Soil Stabilization Mat. St'd. EC-3 Type 1, 2 or 3
EC-3 Ty.3	
TSF-B	Denotes Temporary Silt Fence Type B, St'd EC-5
TSF-A	Denotes Temporary Silt Fence Type A, St'd EC-5
RCD-1	Denotes Rock Check Dam, Type I; St'd EC-4
RCD-2	Denotes Rock Check Dam, Type II; St'd EC-4
IP-A	Denotes Inlet Protection, Type A; St'd EC-6
IP-B	Denotes Inlet Protection, Type B; St'd EC-6
IP-C	Denotes Inlet Protection, Type C
TDC	Denotes Temporary Diversion Channel, St'd EC-12
OP	Culvert Outlet Protection, EC-1
CE	Stabilized Construction Entrance, St'd EC-11
ST	Sediment Trap, St'd. EC-7 Req'd.
LOD	Limit of Disturbance
DD	Denotes Temporary Diversion Dike, St'd EC-9 - May be substituted for SRR Slope Interrupter EC-15 with VDOT Approval
SB	Sediment Basin

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

TTC Narrative	XX
Maintenance of Traffic	1G(1)-1G(53)
ESC General Notes	XX
Drainage Descriptions	2D(1)-2D(4)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	13B

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PH PLANS

8/19/2026
1:54:56 PM

By Resolution of the State Highway Commission dated January 29, 1970 and
By Resolution of the State Highway and Transportation Commission dated December 15, 1983

dll3116_14.dgn
Plotted By: c.Jturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	14

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

Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER

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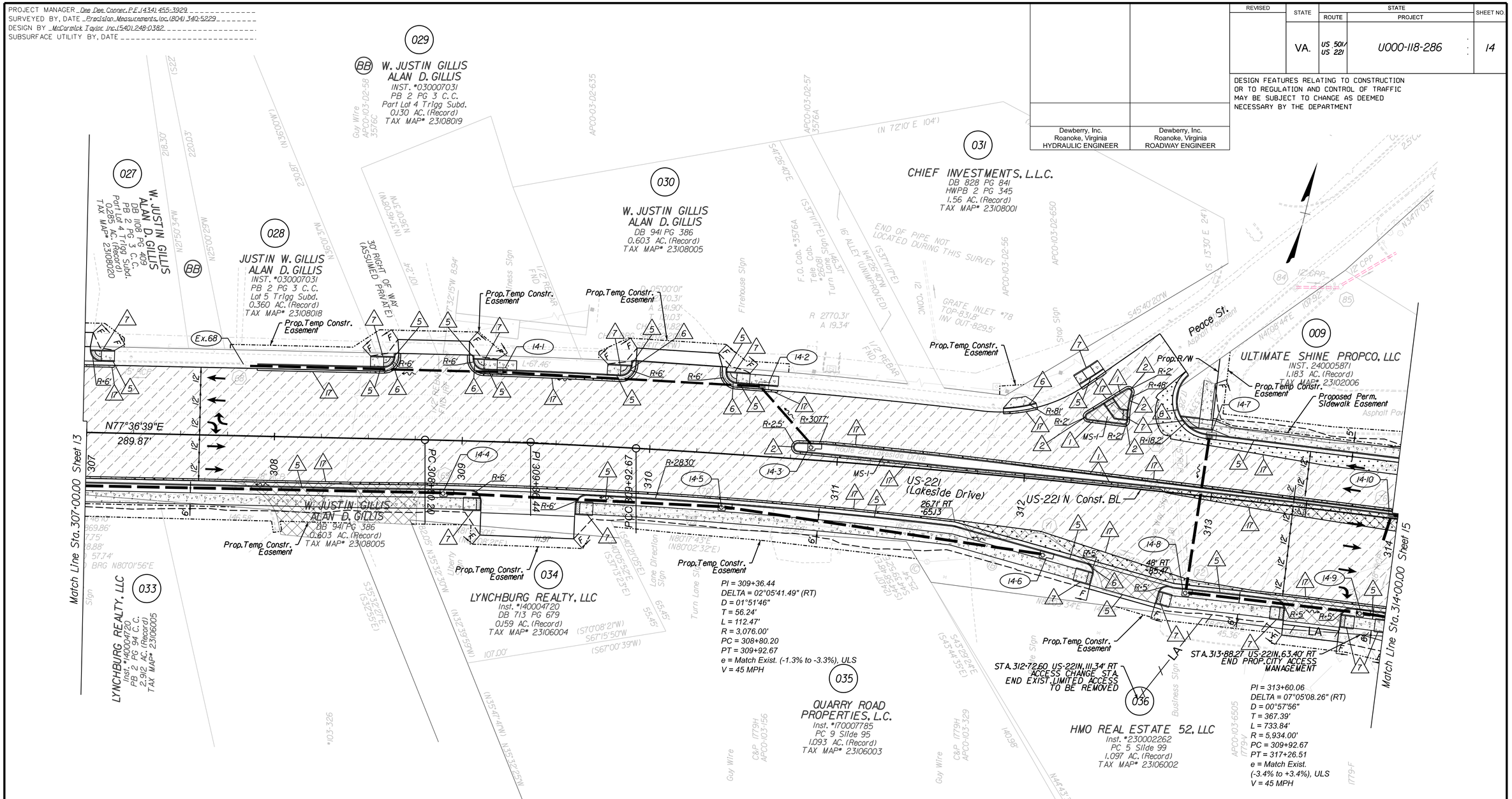
PH PLANS



INCIDENTAL LEGEND

1. St'd. CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd. MC-1
11. St'd. GR-MGS1 Req'd
12. St'd. GR-MGS2 Req'd
13. St'd. GR-MGS3 Req'd
14. St'd. GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd.
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C Denotes Construction Limits in Cuts
- F Denotes Construction Limits in Fills

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

Drainage Descr.	2D(1)-2D(4)
US-221 N Profile	14A(1)
ESC Plan	14B
Signing & Pavement Marking Plan	22(14)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	14

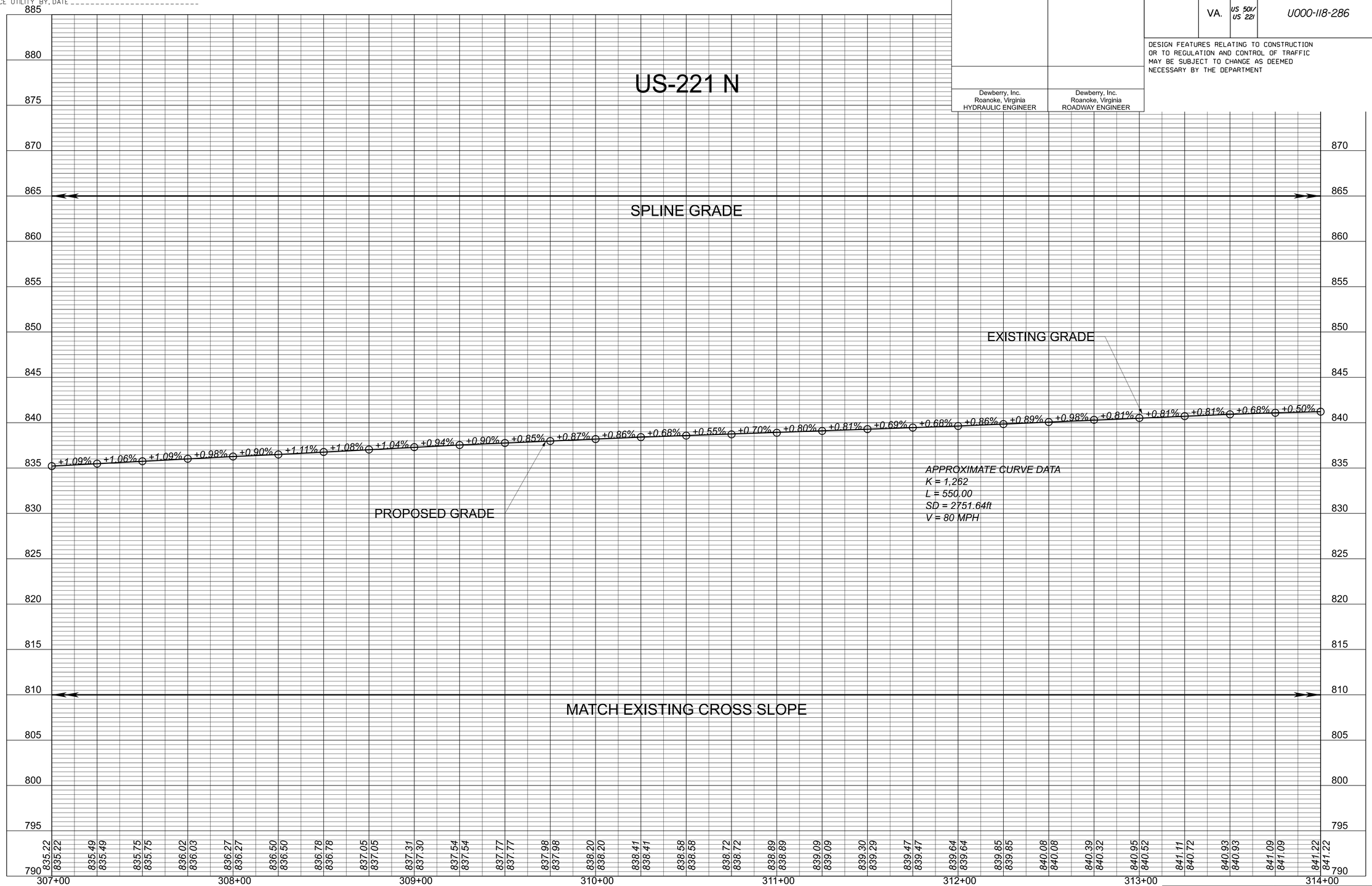
PROJECT MANAGER _ Dee Dee Copner, P.E. (434) 455-3929 _____
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _____
DESIGN BY _ Dewberry, Inc. (804) 690-5960 _____
SUBSURFACE UTILITY BY, DATE _____

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	14A(1)

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

Dewberry, Inc.
Roanoke, Virginia
HYDRAULIC ENGINEER

Dewberry, Inc.
Roanoke, Virginia
ROADWAY ENGINEER



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 14A(1)

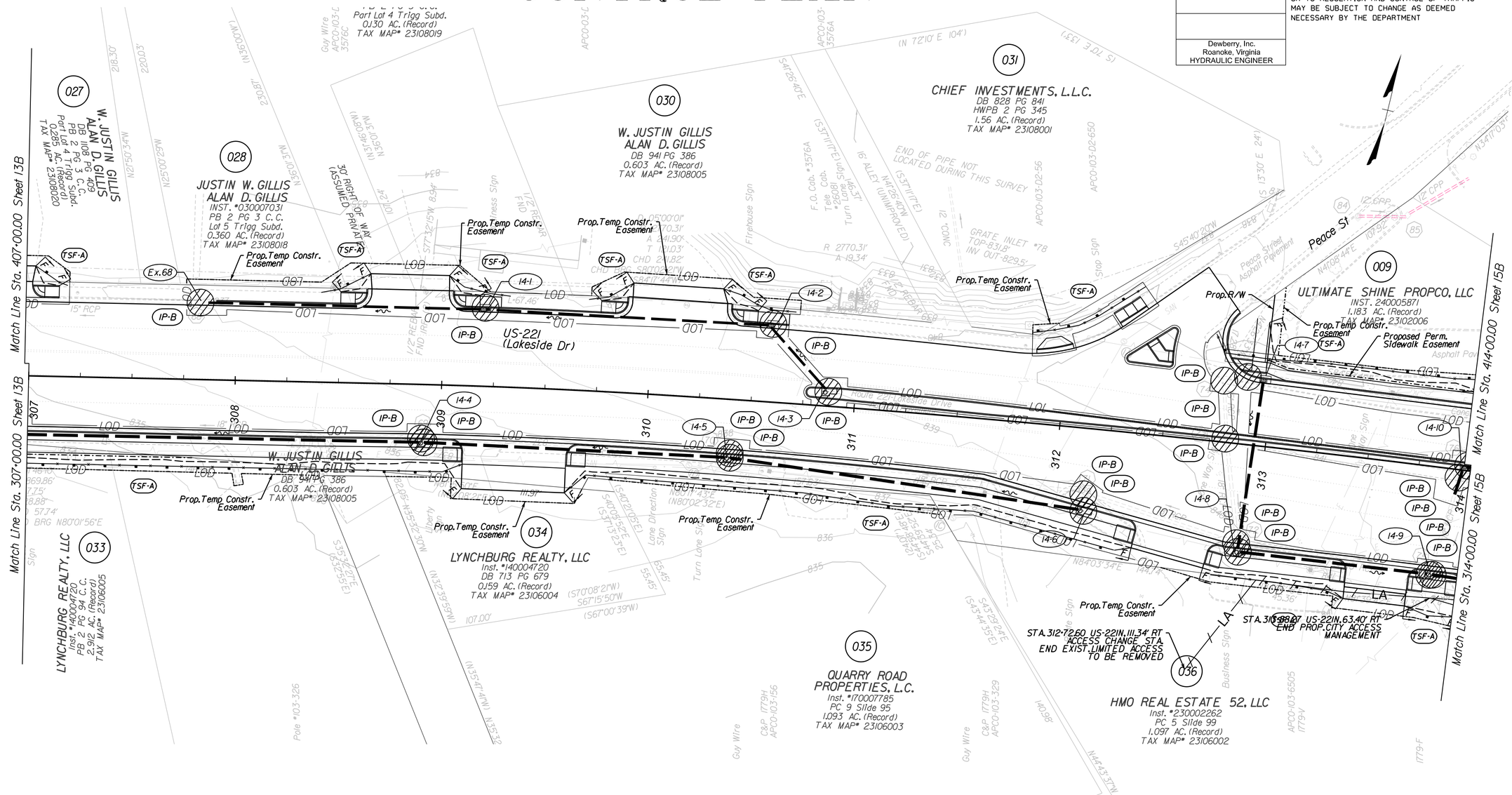
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

EROSION AND SEDIMENT CONTROL PLAN

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	14B

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

Dewberry, Inc.
Roanoke, Virginia
HYDRAULIC ENGINEER



Note: In Stage I of the TTC Plan, Str. 14-7 is to be installed along with the cross pipe under 221 to facilitate flow. This will require temporary measures to divert flow along the existing curb into the proposed structure.

Legend

EC-2 Ty.1, EC-2 Ty.2, EC-2 Ty.3, EC-2 Ty.4	Denotes Protective Covering, St'd. EC-2
EC-3 Ty.1, EC-3 Ty.2, EC-3 Ty.3	Denotes Soil Stabilization Mat. St'd. EC-3 Type 1, 2 or 3
TSF-B	Denotes Temporary Silt Fence Type B, St'd EC-5
TSF-A	Denotes Temporary Silt Fence Type A, St'd EC-5
RCD-1	Denotes Rock Check Dam, Type I; St'd EC-4
RCD-2	Denotes Rock Check Dam, Type II; St'd EC-4
IP-A	Denotes Inlet Protection, Type A; St'd EC-6
IP-B	Denotes Inlet Protection, Type B; St'd EC-6
IP-C	Denotes Inlet Protection, Type C
TDC	Denotes Temporary Diversion Channel, St'd EC-12
OP	Culvert Outlet Protection, EC-1
CE	Stabilized Construction Entrance, St'd EC-11
ST	Sediment Trap, St'd. EC-7 Req'd.
LOD	Limit of Disturbance
DD	Denotes Temporary Diversion Dike, St'd EC-9 - May be substituted for SRR Slope Interrupter EC-15 with VDOT Approval
SB	Sediment Basin

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

TTC Narrative	XX
Maintenance of Traffic	1G(1)-1G(5.3)
ESC General Notes	XX
Drainage Descriptions	2D(1)-2D(4)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	14B

ADDITIONAL EASEMENT 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

By Resolution of the State Highway Commission dated January 29, 1970 and
By Resolution of the State Highway and Transportation Commission dated December 15, 1983

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

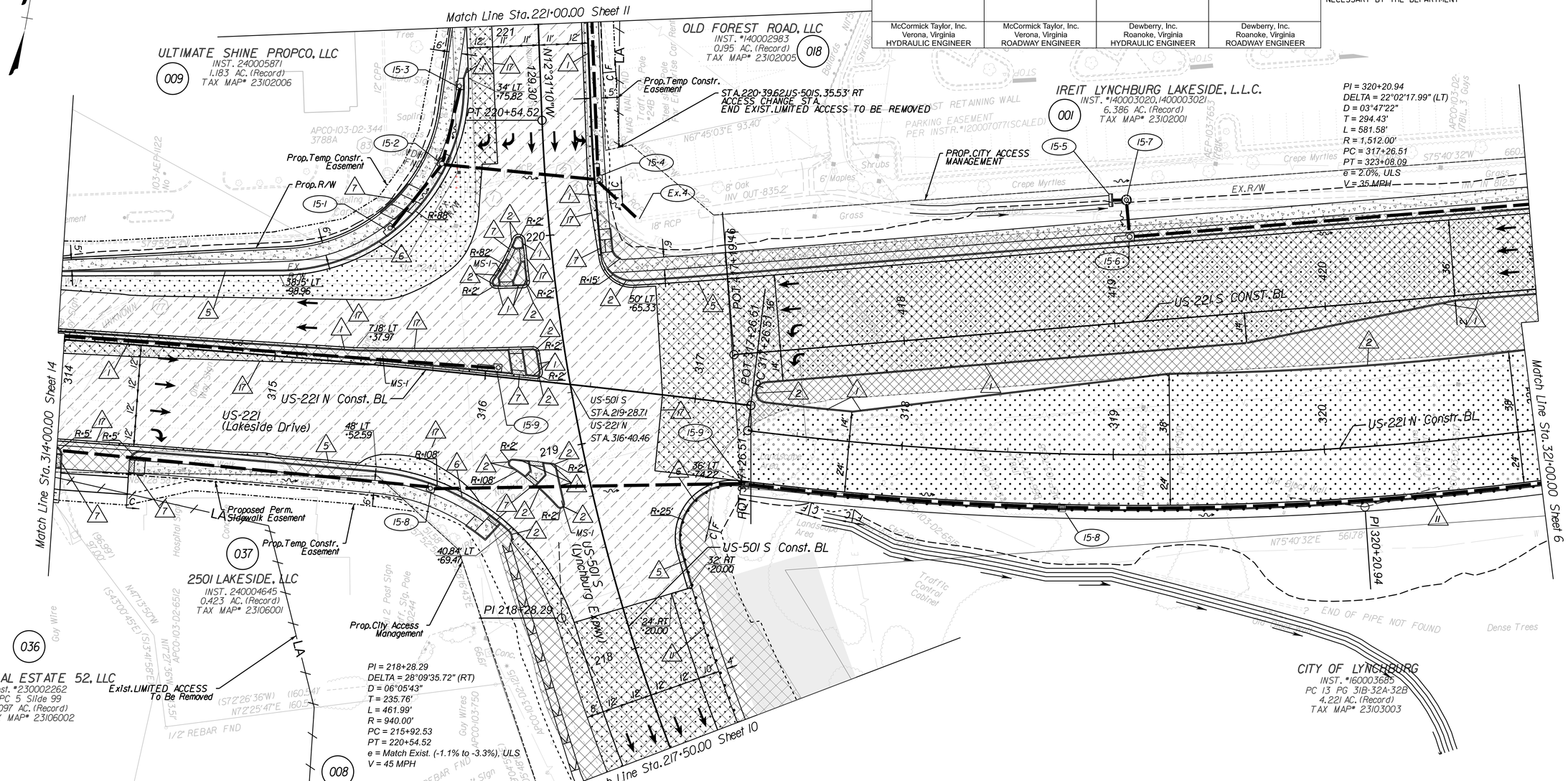
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	15

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

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER	Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER

ADDITIONAL EASEMENT 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



INCIDENTAL LEGEND

1. Std. CG-2 Req'd
2. Radial CG-2 Req'd
3. Std CG-3 Req'd
4. Radial CG-3 Req'd
5. Std CG-6 Req'd
6. Radial CG-6 Req'd
7. Std CG-12, Type B Req'd
8. Std CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. Std. MC-1
11. Std. GR-MGS1 Req'd
12. Std. GR-MGS2 Req'd
13. Std. GR-MGS3 Req'd
14. Std. GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd.
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C — Denotes Construction Limits In Cuts
- F — Denotes Construction Limits In Fills

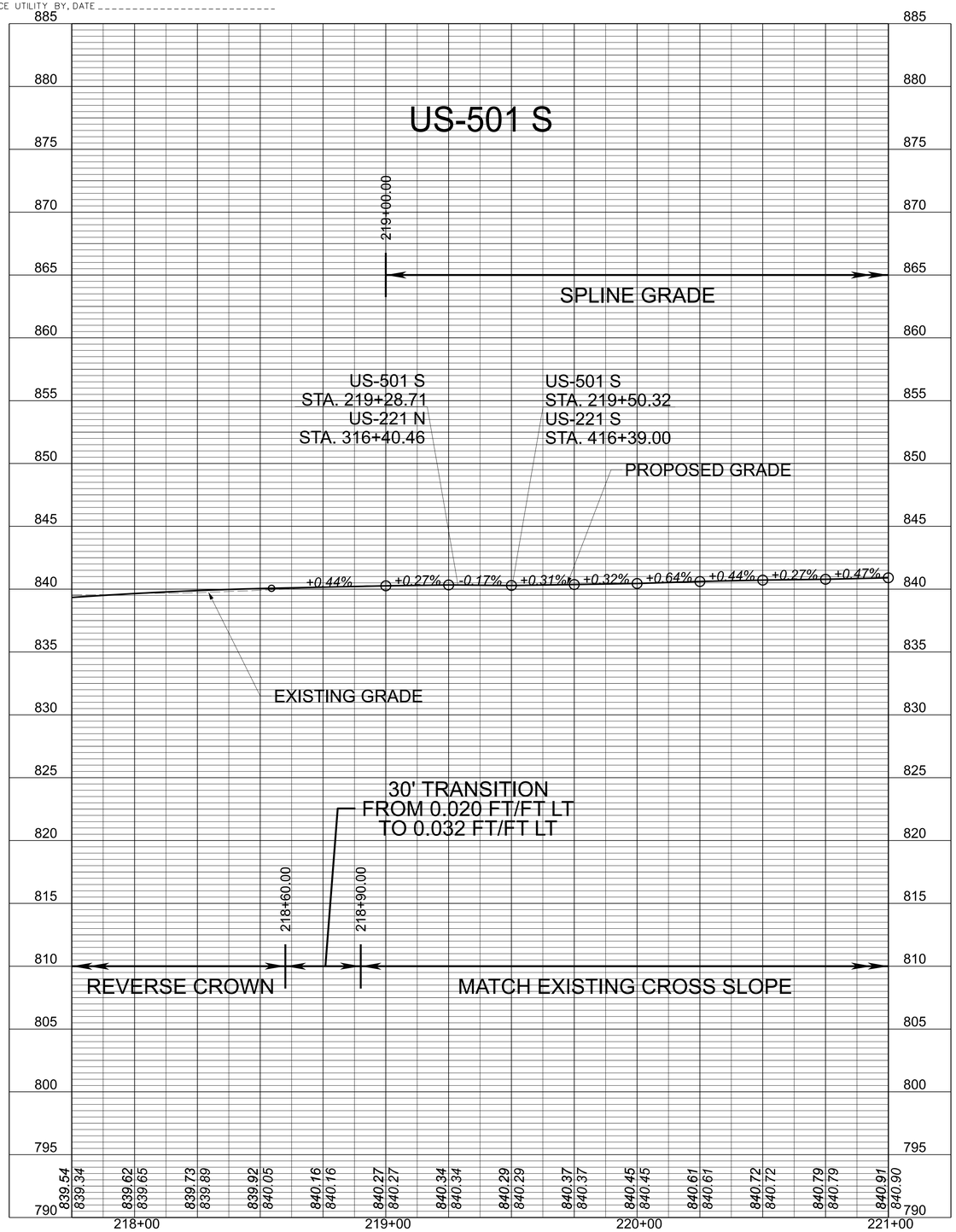
REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Drainage Descr.	2D(1)-2D(4)
US-501 S Profile	15A(1)
US-221 N Profile	15A(2) & 15A(4)
ESC Plan	15B
Signing & Pavement Marking Plan	22(15)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	15

PROJECT MANAGER _ Dee Dee Copner, P.E. (434) 455-3929 _____
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _____
DESIGN BY _ Dewberry, Inc. (804) 690-5960 _____
SUBSURFACE UTILITY BY, DATE _____



REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	15A(1)

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

Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 15A(1)

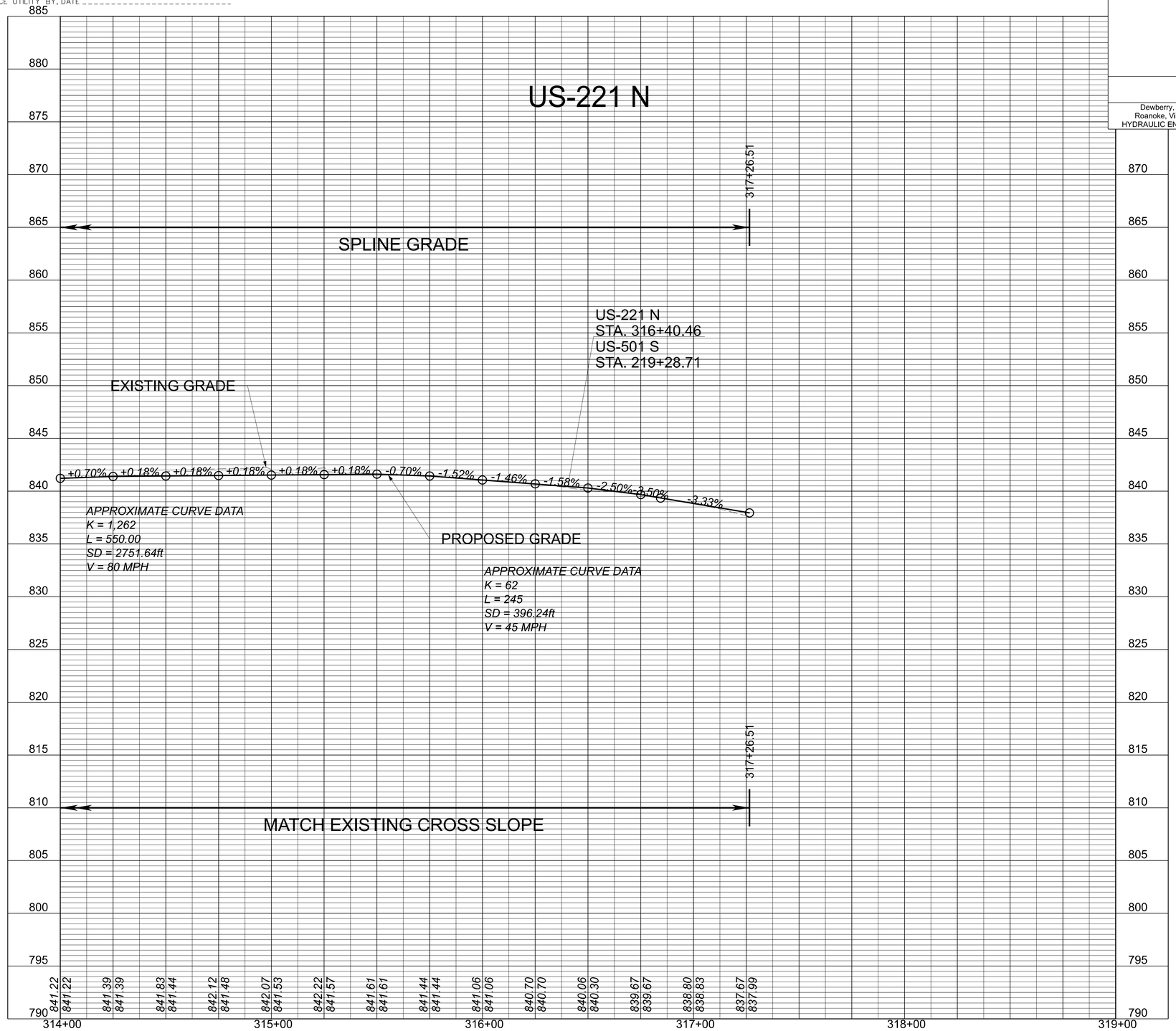
PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929 _____
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _____
DESIGN BY _ Dewberry, Inc. (804) 690-5960 _____
SUBSURFACE UTILITY BY, DATE _____

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	15A(2)

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

Dewberry, Inc.
Roanoke, Virginia
HYDRAULIC ENGINEER

Dewberry, Inc.
Roanoke, Virginia
ROADWAY ENGINEER



V=1":5' H=1":25'	PROJECT	SHEET NO.
	U000-118-286	15A(2)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	15A(3)

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

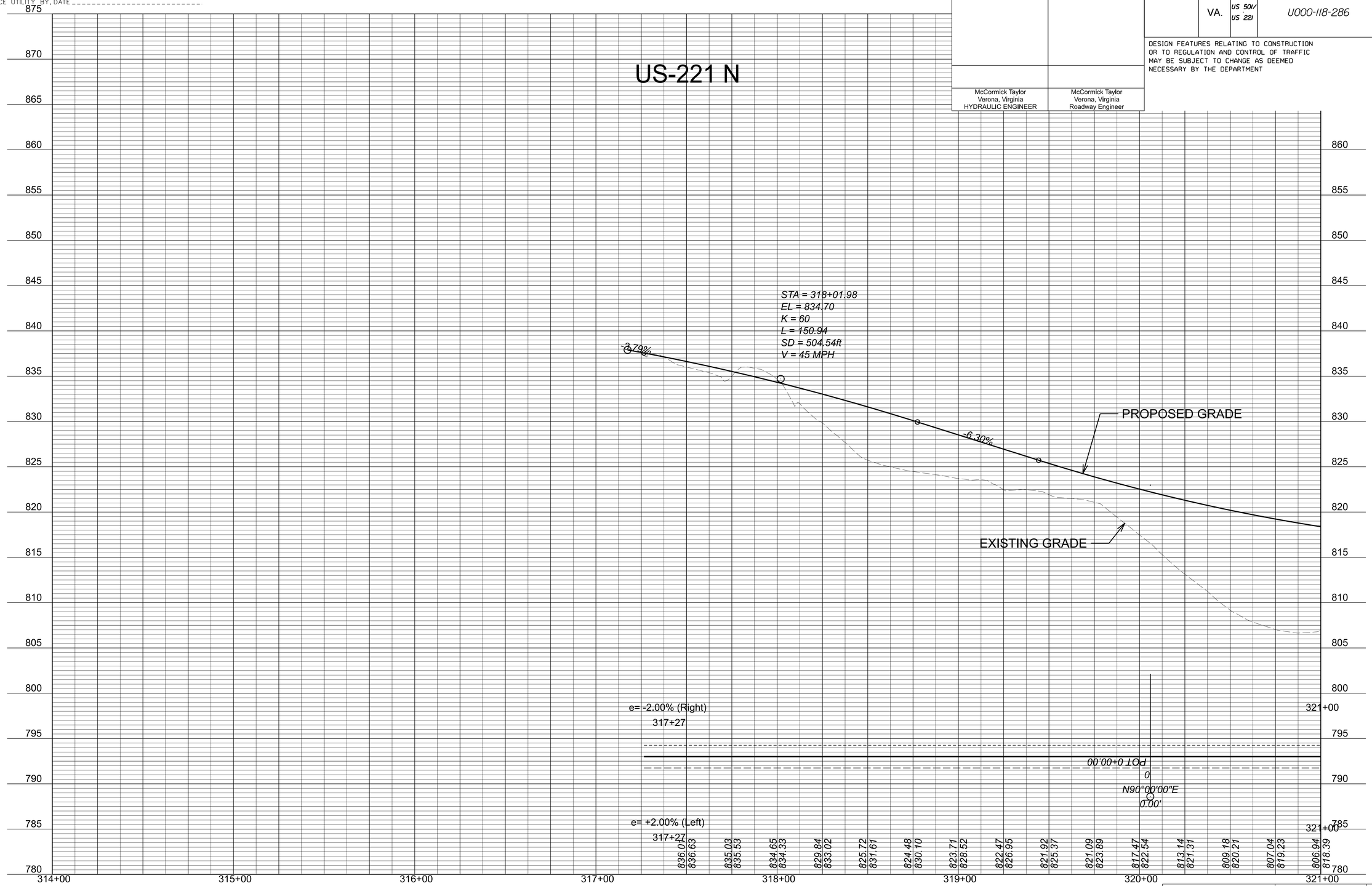
McCormick Taylor
Verona, Virginia
HYDRAULIC ENGINEER

McCormick Taylor
Verona, Virginia
Roadway Engineer

ADDITIONAL EASEMENT 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



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 15A(3)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	15A(4)

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

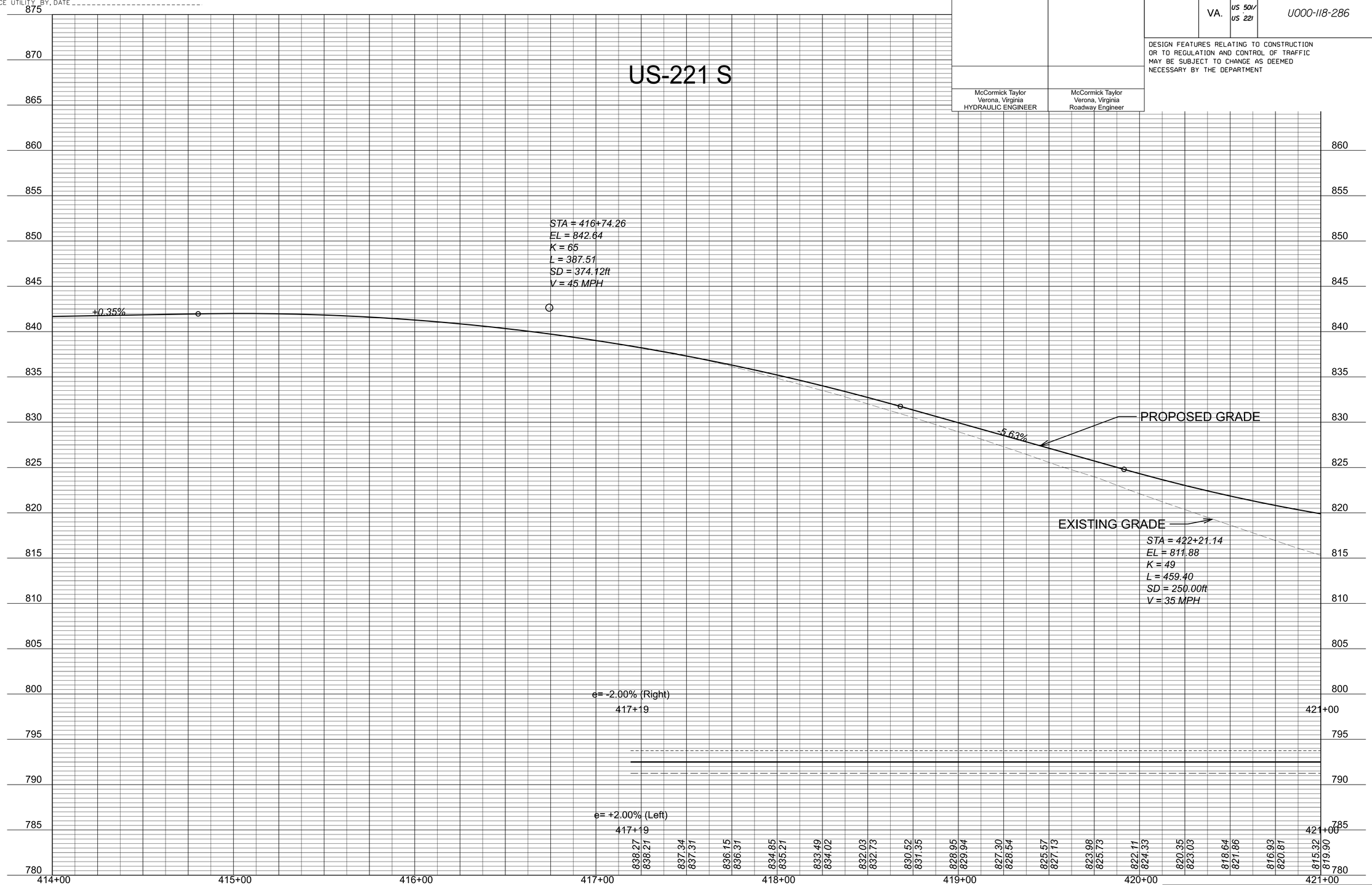
McCormick Taylor
Verona, Virginia
HYDRAULIC ENGINEER

McCormick Taylor
Verona, Virginia
Roadway Engineer

ADDITIONAL EASEMENT 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



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 15A(4)

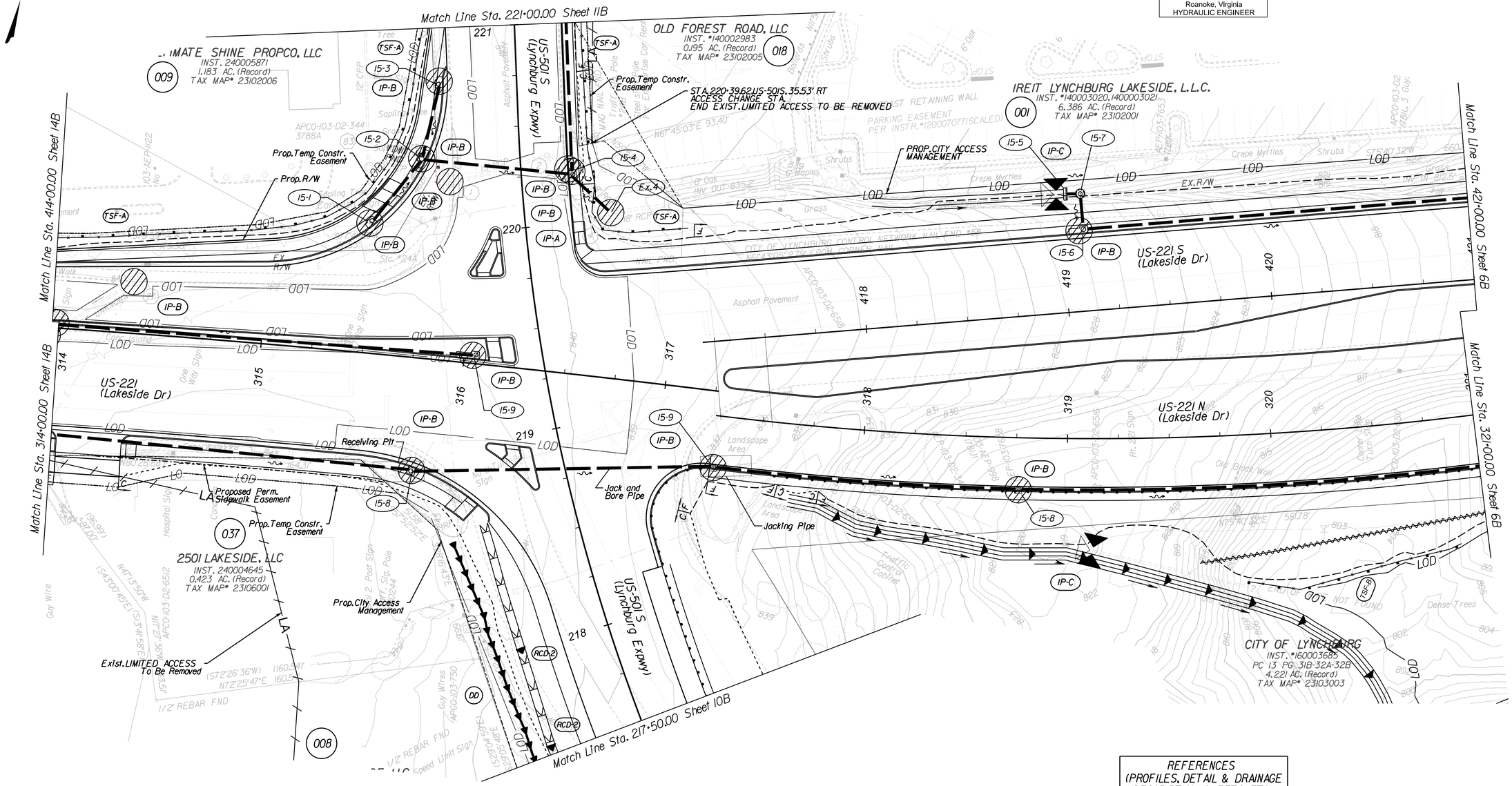
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

EROSION AND SEDIMENT CONTROL PLAN

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	15B

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

Dewberry, Inc.
Roanoke, Virginia
HYDRAULIC ENGINEER



Legend

EC-2 Ty.I, EC-2 Ty.2, EC-2 Ty.3, EC-2 Ty.4	Denotes Protective Covering, St'd. EC-2
EC-3 Ty.I, EC-3 Ty.2, EC-3 Ty.3	Denotes Soil Stabilization Mat. St'd. EC-3 Type 1, 2 or 3
TSF-B	Denotes Temporary Silt Fence Type B, St'd EC-5
TSF-A	Denotes Temporary Silt Fence Type A, St'd EC-5
RCD-1	Denotes Rock Check Dam, Type I; St'd EC-4
RCD-2	Denotes Rock Check Dam, Type II; St'd EC-4
IP-A	Denotes Inlet Protection, Type A; St'd EC-6
IP-B	Denotes Inlet Protection, Type B; St'd EC-6
IP-C	Denotes Inlet Protection, Type C
TDC	Denotes Temporary Diversion Channel, St'd EC-12
OP	Culvert Outlet Protection, EC-1
CE	Stabilized Construction Entrance, St'd EC-11
ST	Sediment Trap, St'd. EC-7 Req'd.
LOD	Limit of Disturbance
DD	Denotes Temporary Diversion Dike, St'd EC-9 - May be substituted for SRR Slope Interrupter EC-15 with VDOT Approval
SB	Sediment Basin

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

TTC Narrative	XX
Maintenance of Traffic	1G(1)-1G(53)
ESC General Notes	XX
Drainage Descriptions	2D(1)-2D(4)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	15B

ADDITIONAL EASEMENT 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

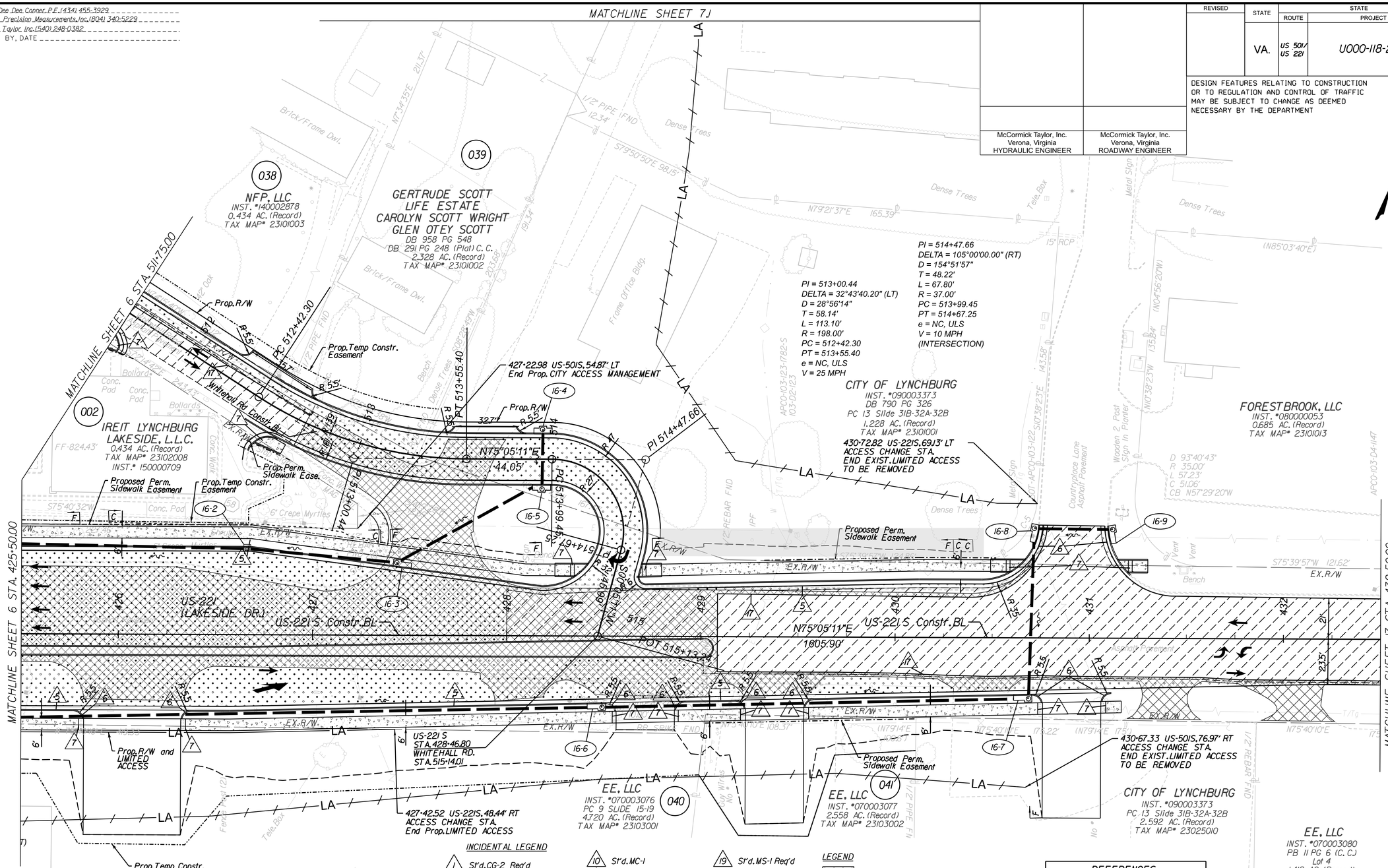
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	16

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER

McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER

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



INCIDENTAL LEGEND

1. St'd. CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd. MC-1
11. St'd. GR-MGS1 Req'd
12. St'd. GR-MGS2 Req'd
13. St'd. GR-MGS3 Req'd
14. St'd. GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd
18. Mod. GR-FOA-2, Type 1, Req'd
19. St'd. MS-1 Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C ---- Denotes Construction Limits In Cuts
- F -- -- Denotes Construction Limits In Fills

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

Drainage Descr.	2D(1)-2D(4)
US-501 N Profile	16A(1)
Whitehall Rd. Profile	16A(2)
ESC Plan	16B
Right of Way Plan	16RW
Signing & Pavement Marking Plan	22(16)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	16

ADDITIONAL EASEMENT 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 _ Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229
DESIGN BY _ McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	I6A(1)

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

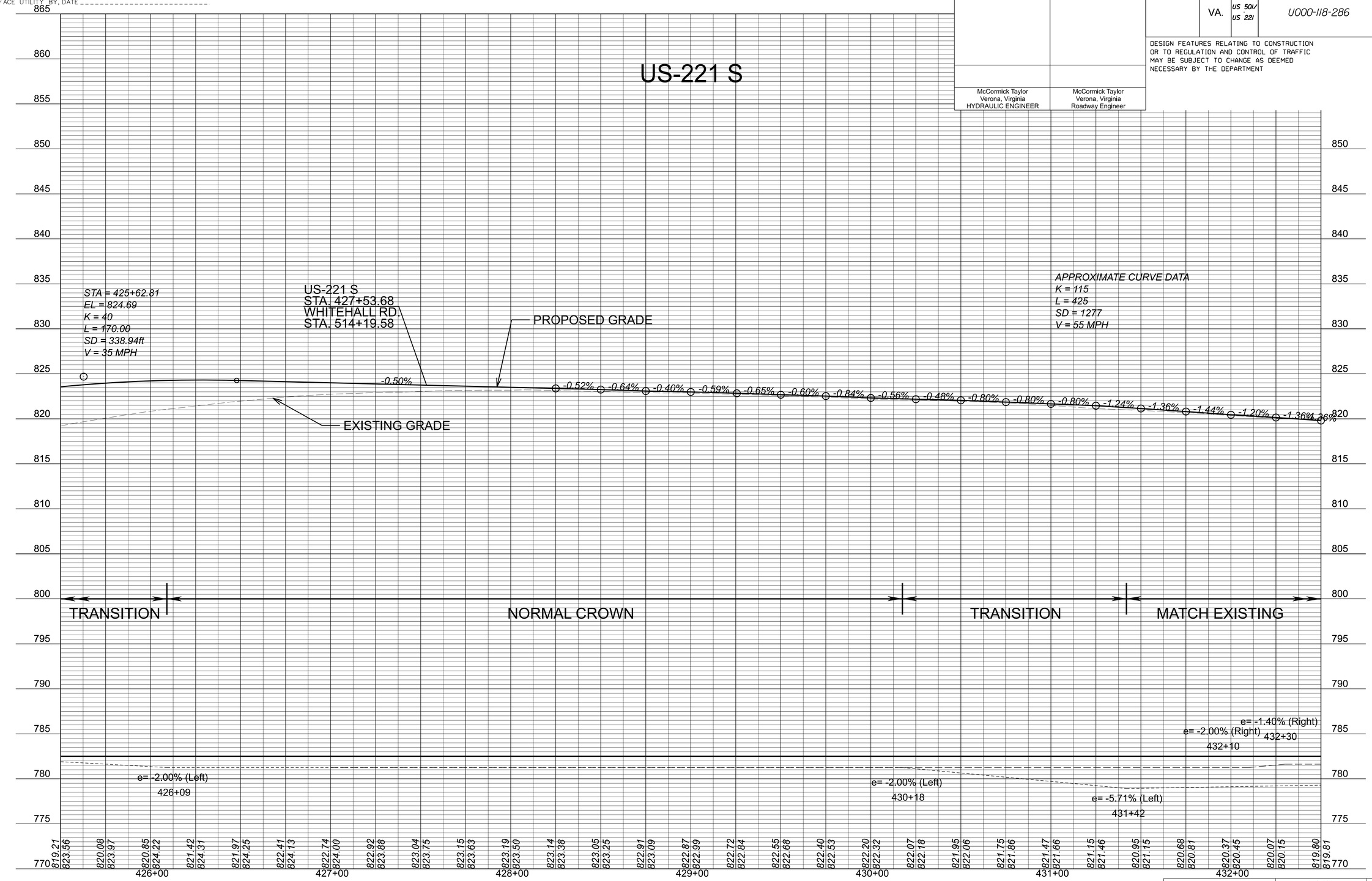
McCormick Taylor
Verona, Virginia
HYDRAULIC ENGINEER

McCormick Taylor
Verona, Virginia
Roadway Engineer

ADDITIONAL EASEMENT 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



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. I6A(1)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	16A2

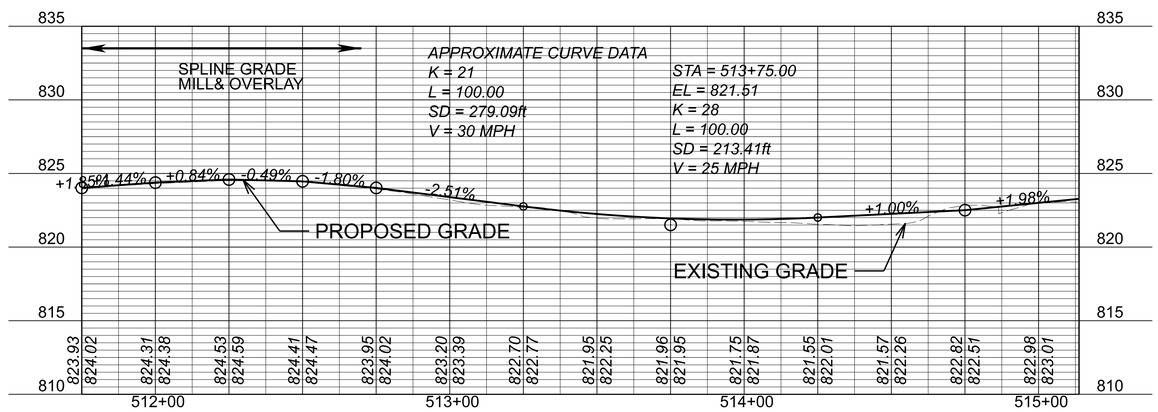
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

1 / 16A2 — Whitehall South Profile Sheets - 16A2 — 1"=20'

WHITEHALL

WHITE HALL ROAD EAST



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 16A2

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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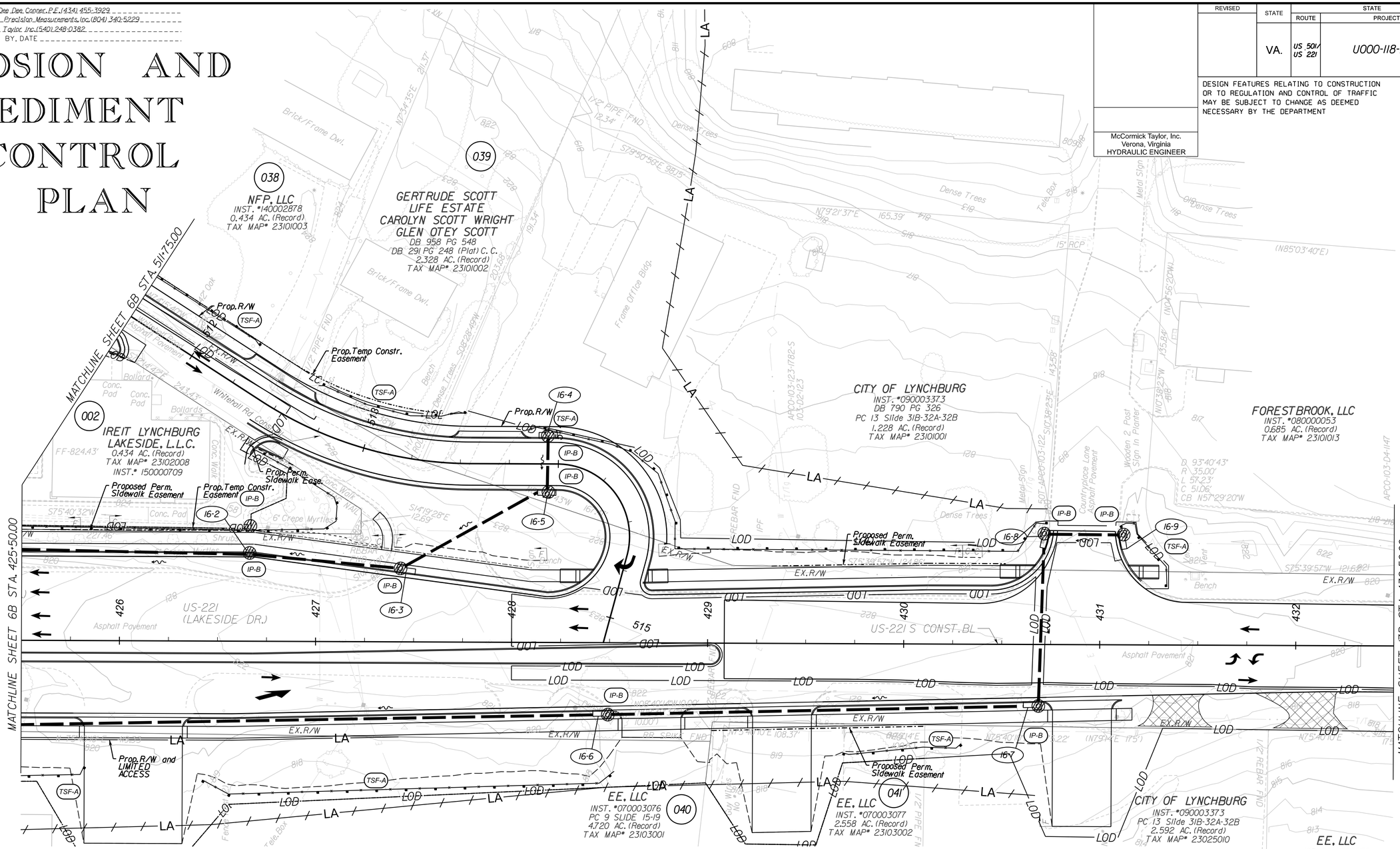
PH PLANS

EROSION AND SEDIMENT CONTROL PLAN

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	16B

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

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER



Legend

EC-2 Ty.1 EC-2 Ty.2 EC-2 Ty.3 EC-2 Ty.4	Denotes Protective Covering, St'd. EC-2
EC-3 Ty.1 EC-3 Ty.2 EC-3 Ty.3	Denotes Soil Stabilization Mat. St'd. EC-3 Type 1, 2 or 3
TSF-B	Denotes Temporary Silt Fence Type B, St'd EC-5
TSF-A	Denotes Temporary Silt Fence Type A, St'd EC-5
RCD-1	Denotes Rock Check Dam, Type I; St'd EC-4
RCD-2	Denotes Rock Check Dam, Type II; St'd EC-4
IP-A	Denotes Inlet Protection, Type A; St'd EC-6
IP-B	Denotes Inlet Protection, Type B; St'd EC-6
IP-C	Denotes Inlet Protection, Type C
LOD	Limit of Disturbance

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

Maintenance of Traffic	1G(1)-1G(III)
Drainage Descriptions	2D(1)-2D(4)
ESC General Notes	2F(X)
Plan Sheet	16

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	16B

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	17

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

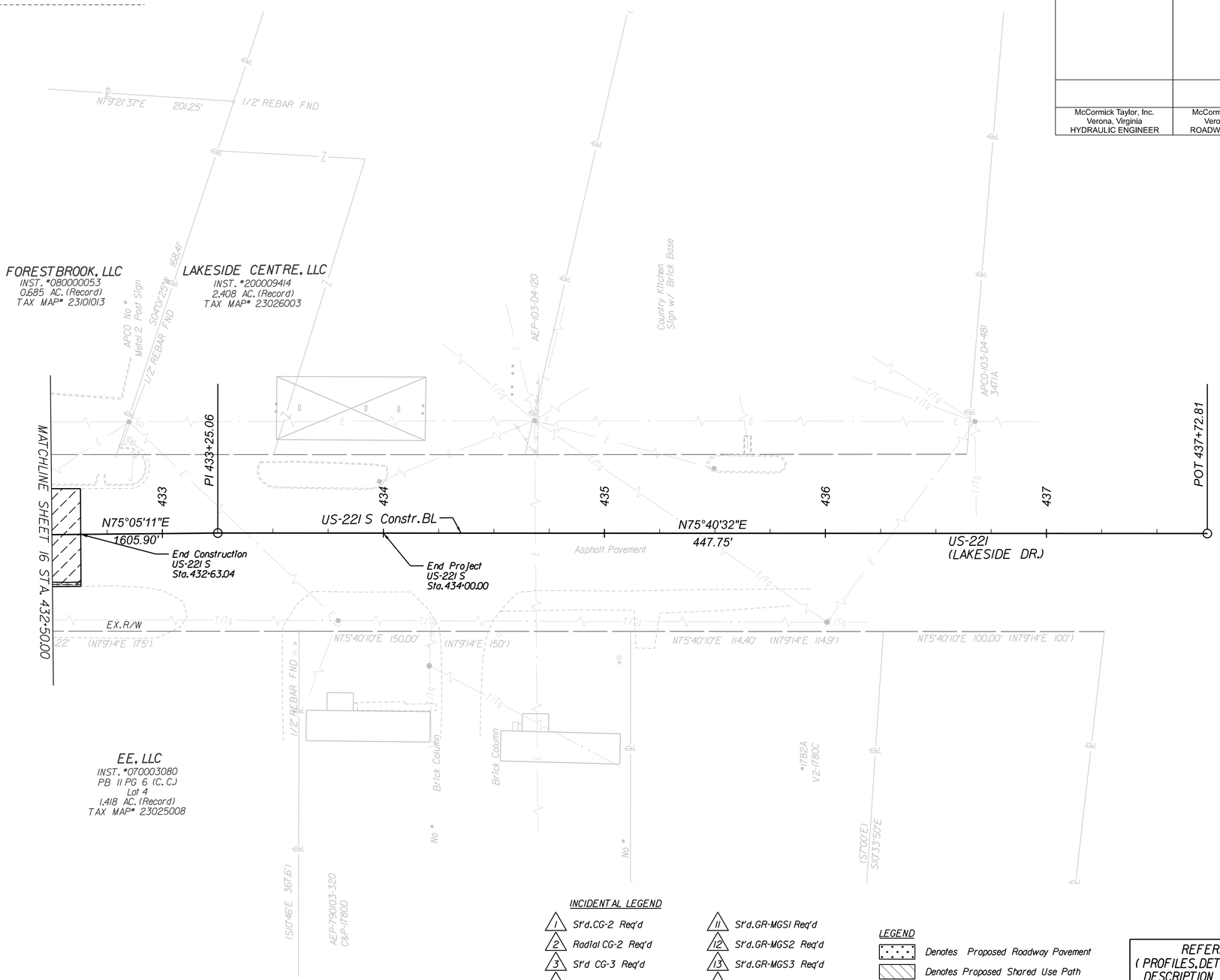
McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER

McCormick Taylor, Inc.
Verona, Virginia
ROADWAY ENGINEER

ADDITIONAL EASEMENT 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



INCIDENTAL LEGEND

1. St'd. CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd. MC-1
11. St'd. GR-MGS1 Req'd
12. St'd. GR-MGS2 Req'd
13. St'd. GR-MGS3 Req'd
14. St'd. GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd
18. Mod. GR-FOA-2, Type 1, Req'd
19. St'd. MS-1 Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C — Denotes Construction Limits In Cuts
- F — Denotes Construction Limits In Fills

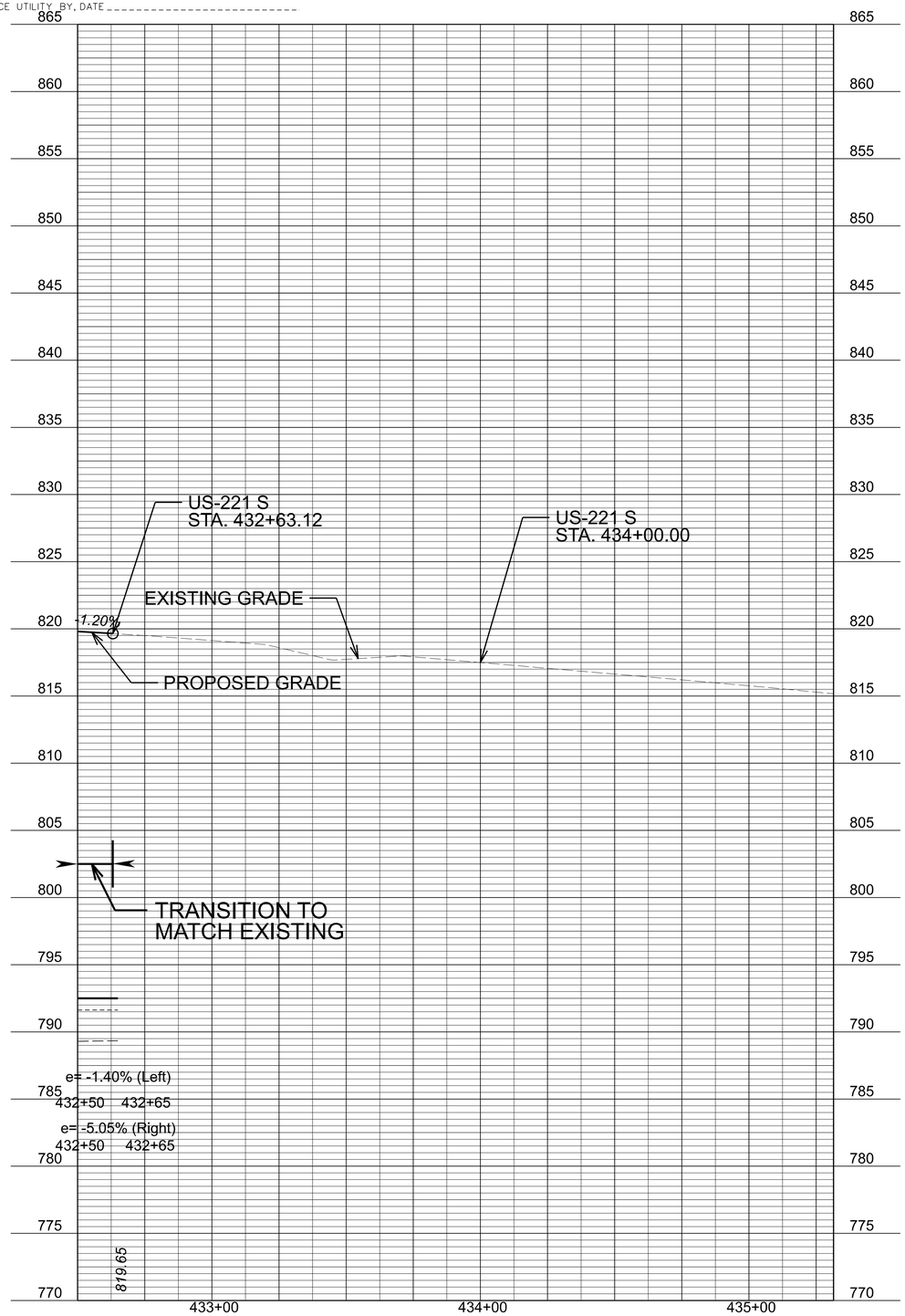
REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Drainage Descr.	2D(1)-2D(4)
US-501 N Profile	17A(1)
ESC Plan	17B
Right of Way Plan	17RW
Signing & Pavement Marking Plan	22(17)

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	17

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE



US-221 S

McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	17A(1)

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

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 17A(1)

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

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PH PLANS

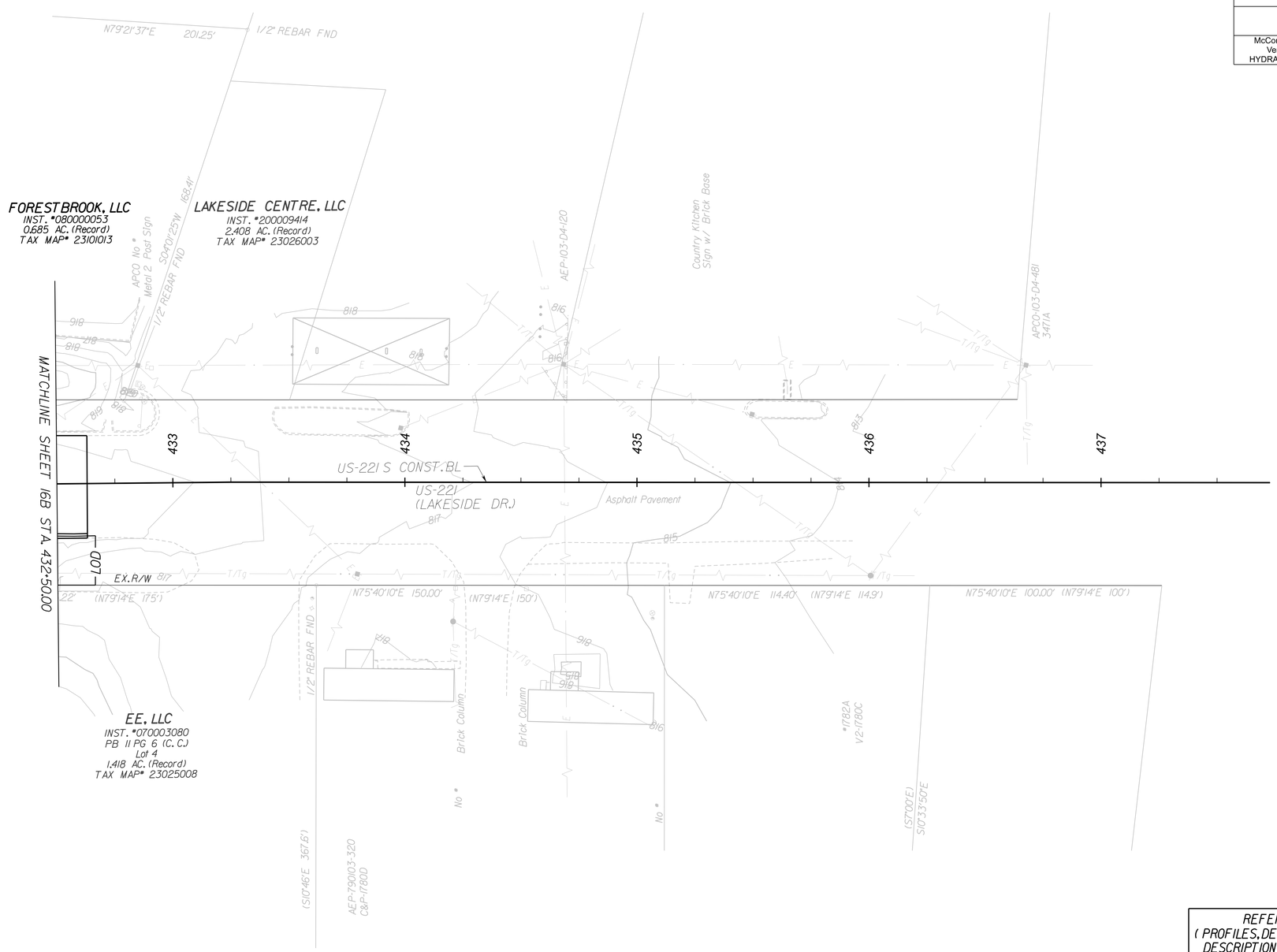
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

EROSION AND SEDIMENT CONTROL PLAN

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	17B

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

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER



Legend

EC-2 Ty.1, EC-2 Ty.2, EC-2 Ty.3, EC-2 Ty.4	Denotes Protective Covering, St'd. EC-2	RCD-1	Denotes Rock Check Dam, Type I: St'd EC-4
		RCD-2	Denotes Rock Check Dam, Type II: St'd EC-4
EC-3 Ty.1, EC-3 Ty.2, EC-3 Ty.3	Denotes Soil Stabilization Mat. St'd. EC-3 Type 1, 2 or 3	IP-A	Denotes Inlet Protection, Type A: St'd EC-6
		IP-B	Denotes Inlet Protection, Type B: St'd EC-6
TSF-B	Denotes Temporary Silt Fence Type B, St'd EC-5	IP-C	Denotes Inlet Protection, Type C
TSF-A	Denotes Temporary Silt Fence Type A, St'd EC-5	LOD	Limit of Disturbance

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Maintenance of Traffic	1G(I)-1G(III)
Drainage Descriptions	2D(1)-2D(4)
ESC General Notes	2F(X)
Plan Sheet	17

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	17B

ADDITIONAL EASEMENT 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

8/19/2026
2:05:04 PM

LIMITED ACCESS HIGHWAY

By Resolution of the State Highway Commission dated January 29, 1970 and
By Resolution of the State Highway and Transportation Commission dated December 15, 1983

d113116_18.dgn
Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	18

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

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER

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

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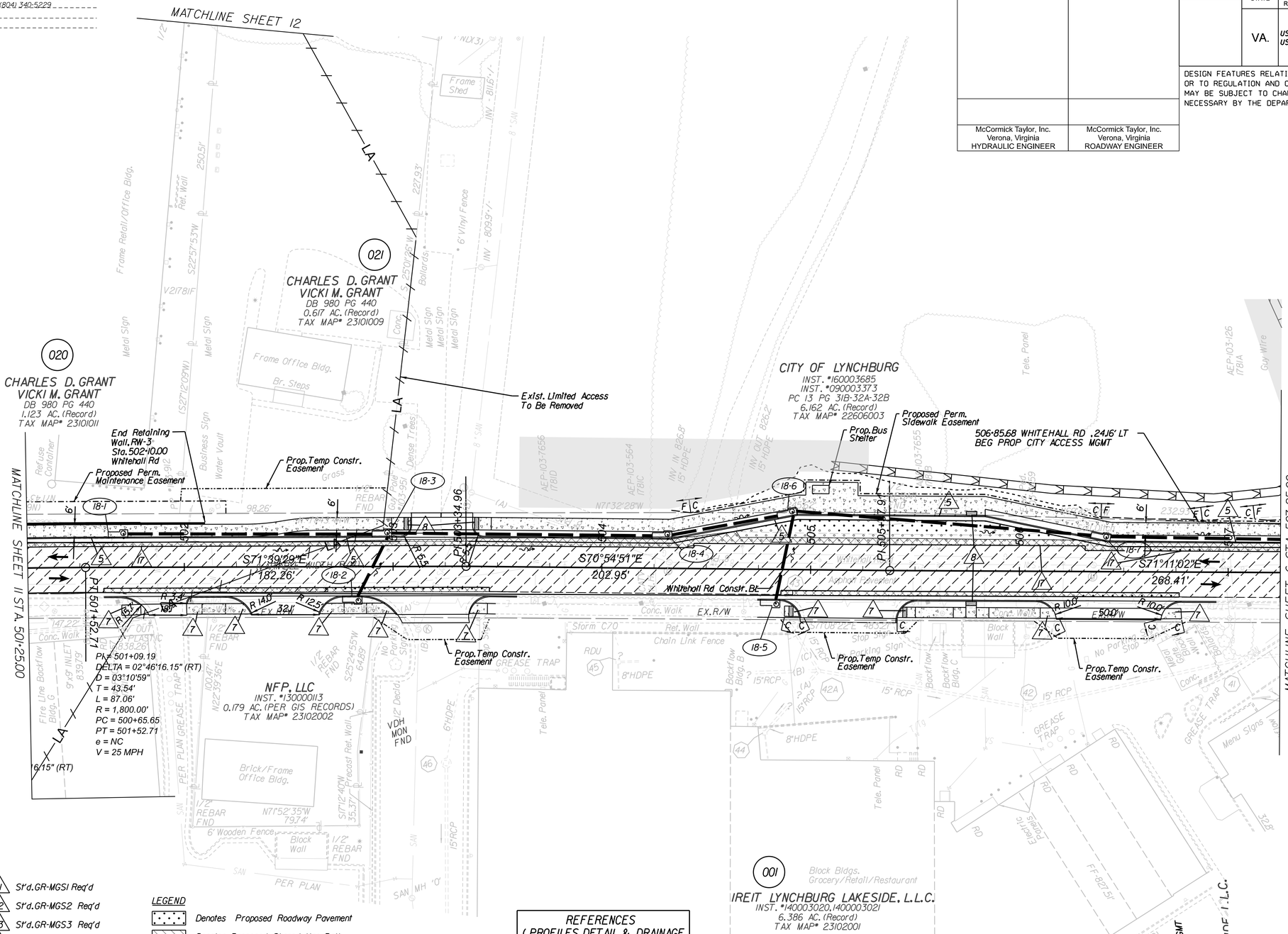
PH PLANS



INCIDENTAL LEGEND

1. St'd. CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd. MC-1
11. St'd. GR-MGS1 Req'd
12. St'd. GR-MGS2 Req'd
13. St'd. GR-MGS3 Req'd
14. St'd. GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd
18. Mod. GR-FOA-2, Type 1, Req'd
19. St'd. MS-1 Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C ---- Denotes Construction Limits in Cuts
- F ---- Denotes Construction Limits in Fills

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

Drainage Descr.	2D(1)-2D(4)
Whitehall Rd. Profile	18A(1)
ESC Plan	18B
Right of Way Plan	18RW
Signing & Pavement Marking Plan	22(18)

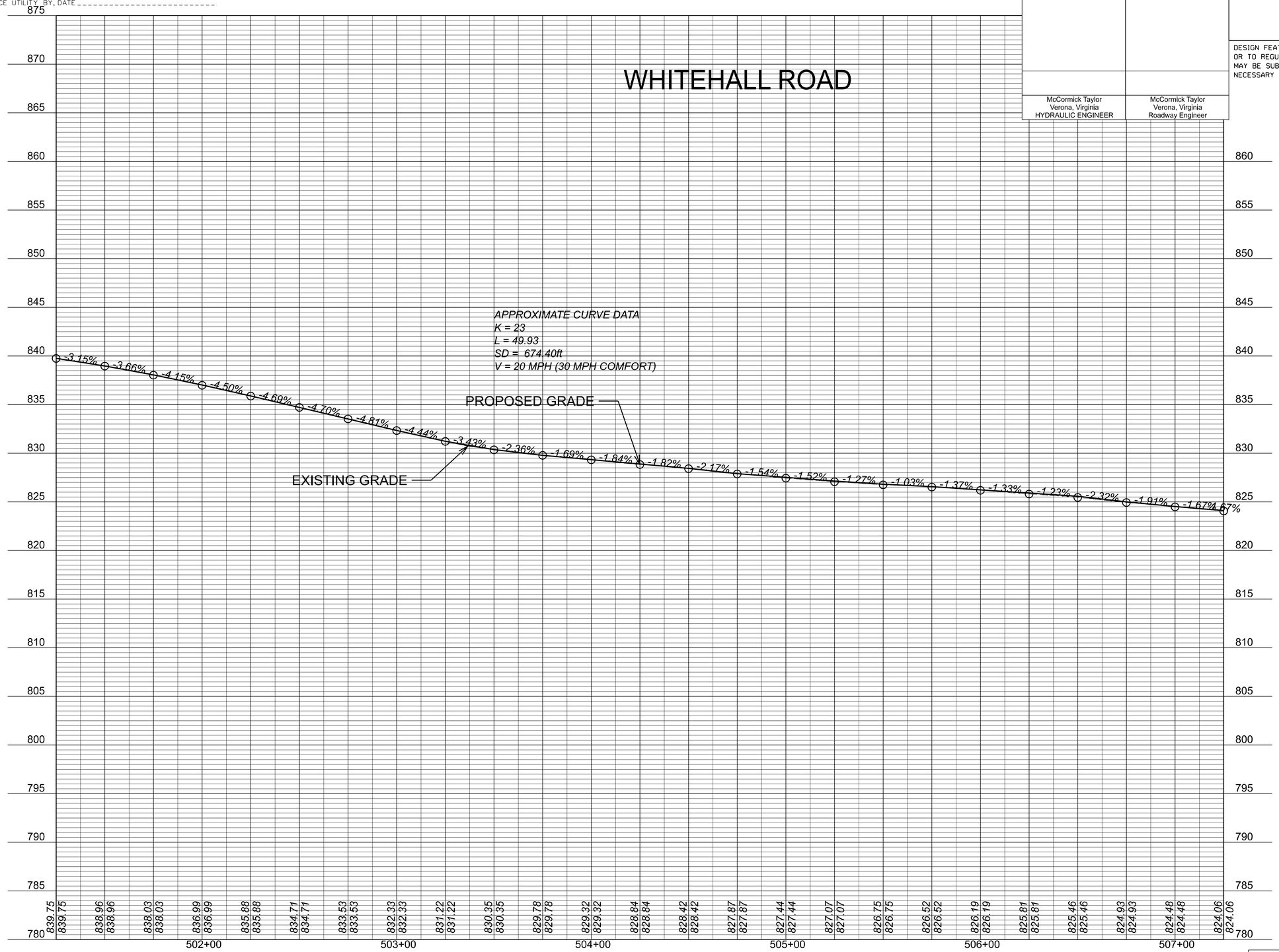
SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	18

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929 _
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _
DESIGN BY _ McCormick Taylor, Inc. (540) 248-0382 _
SUBSURFACE UTILITY BY, DATE _

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	18A(1)

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

McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer



V=1":5' H=1":25'	PROJECT	SHEET NO.
	U000-118-286	18A(1)

ADDITIONAL EASEMENT 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 Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	18B

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

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER

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

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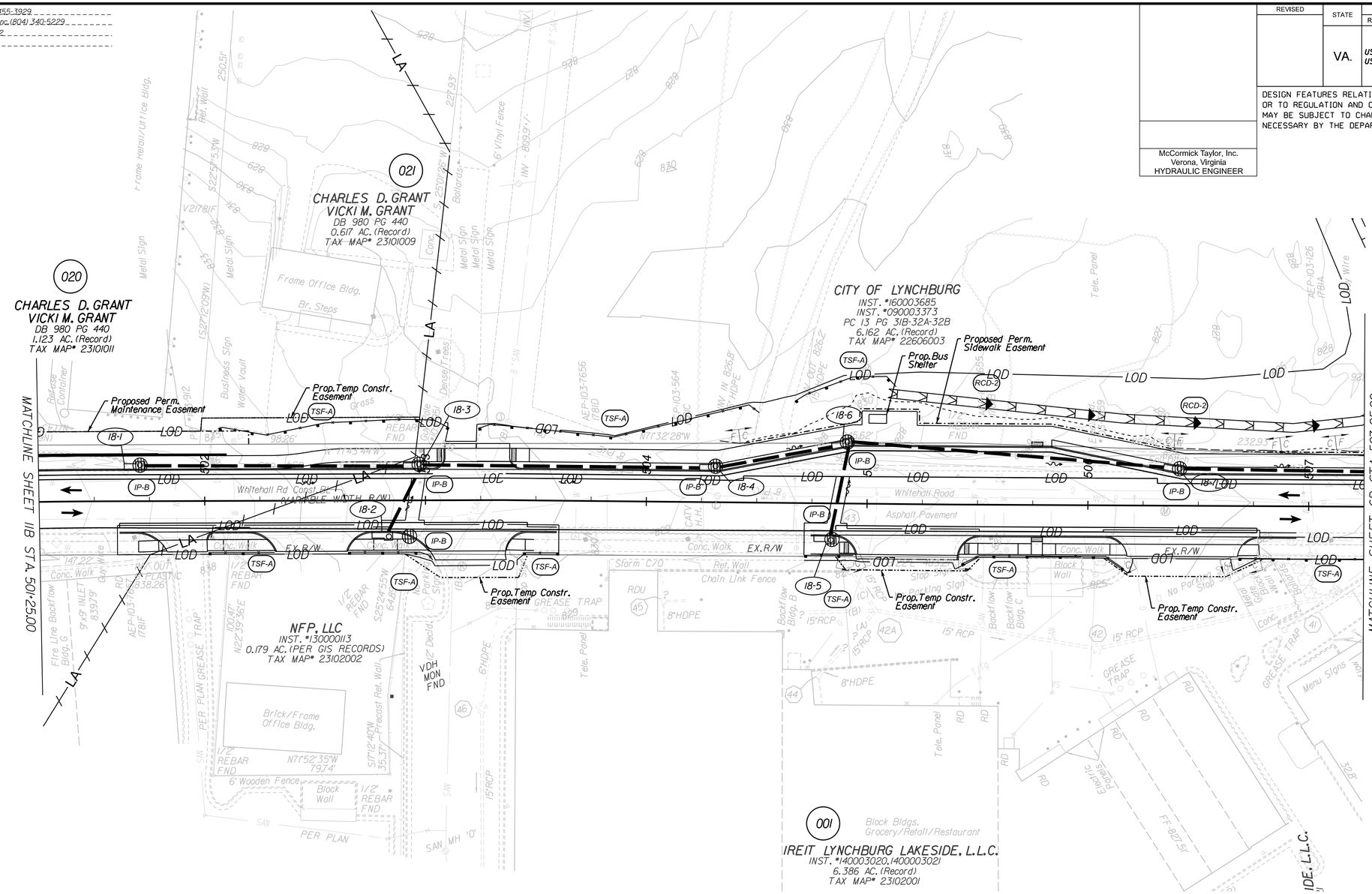
PH PLANS



EROSION AND SEDIMENT CONTROL PLAN

Legend

EC-2 Ty.1, EC-2 Ty.2, EC-2 Ty.3, EC-2 Ty.4	Denotes Protective Covering, St'd. EC-2
EC-3 Ty.1, EC-3 Ty.2, EC-3 Ty.3	Denotes Soil Stabilization Mat. St'd. EC-3 Type 1, 2 or 3
TSF-B	Denotes Temporary Silt Fence Type B, St'd EC-5
TSF-A	Denotes Temporary Silt Fence Type A, St'd EC-5
RCD-1	Denotes Rock Check Dam, Type I; St'd EC-4
RCD-2	Denotes Rock Check Dam, Type II; St'd EC-4
IP-A	Denotes Inlet Protection, Type A; St'd EC-6
IP-B	Denotes Inlet Protection, Type B; St'd EC-6
IP-C	Denotes Inlet Protection, Type C
LOD	Limit of Disturbance

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Maintenance of Traffic	1G(1)-1G(III)
Drainage Descriptions	2D(1)-2D(4)
ESC General Notes	2F(X)
Plan Sheet	18

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	18B

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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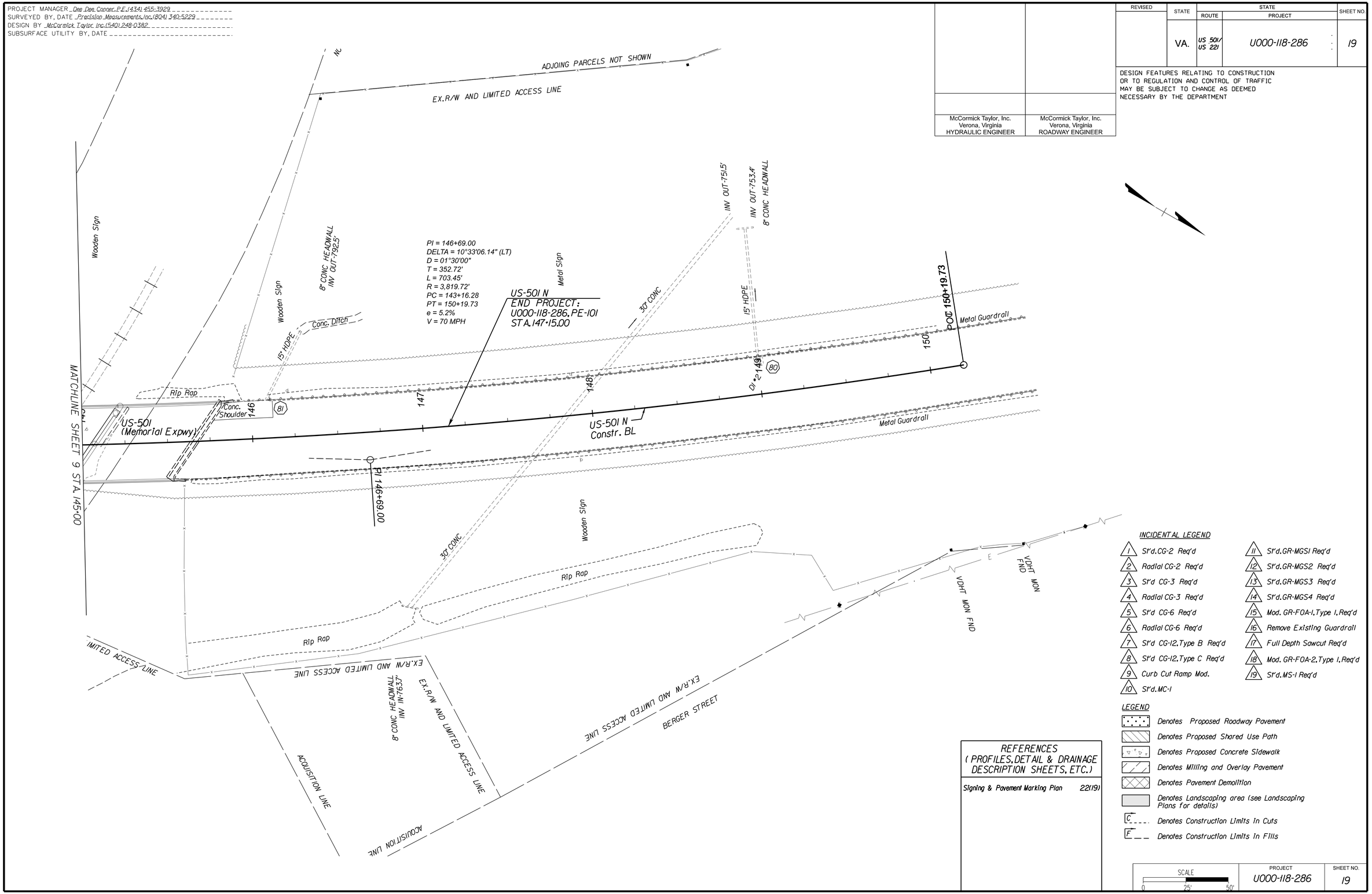
PH PLANS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	19

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

McCormick Taylor, Inc. Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor, Inc. Verona, Virginia ROADWAY ENGINEER



INCIDENTAL LEGEND

1. St'd. CG-2 Req'd
2. Radial CG-2 Req'd
3. St'd CG-3 Req'd
4. Radial CG-3 Req'd
5. St'd CG-6 Req'd
6. Radial CG-6 Req'd
7. St'd CG-12, Type B Req'd
8. St'd CG-12, Type C Req'd
9. Curb Cut Ramp Mod.
10. St'd. MC-1
11. St'd. GR-MGS1 Req'd
12. St'd. GR-MGS2 Req'd
13. St'd. GR-MGS3 Req'd
14. St'd. GR-MGS4 Req'd
15. Mod. GR-FOA-1, Type 1, Req'd
16. Remove Existing Guardrail
17. Full Depth Sawcut Req'd
18. Mod. GR-FOA-2, Type 1, Req'd
19. St'd. MS-1 Req'd

LEGEND

- Denotes Proposed Roadway Pavement
- Denotes Proposed Shared Use Path
- Denotes Proposed Concrete Sidewalk
- Denotes Milling and Overlay Pavement
- Denotes Pavement Demolition
- Denotes Landscaping area (see Landscaping Plans for details)
- C Denotes Construction Limits In Cuts
- F Denotes Construction Limits In Fills

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

Signing & Pavement Marking Plan 22(19)

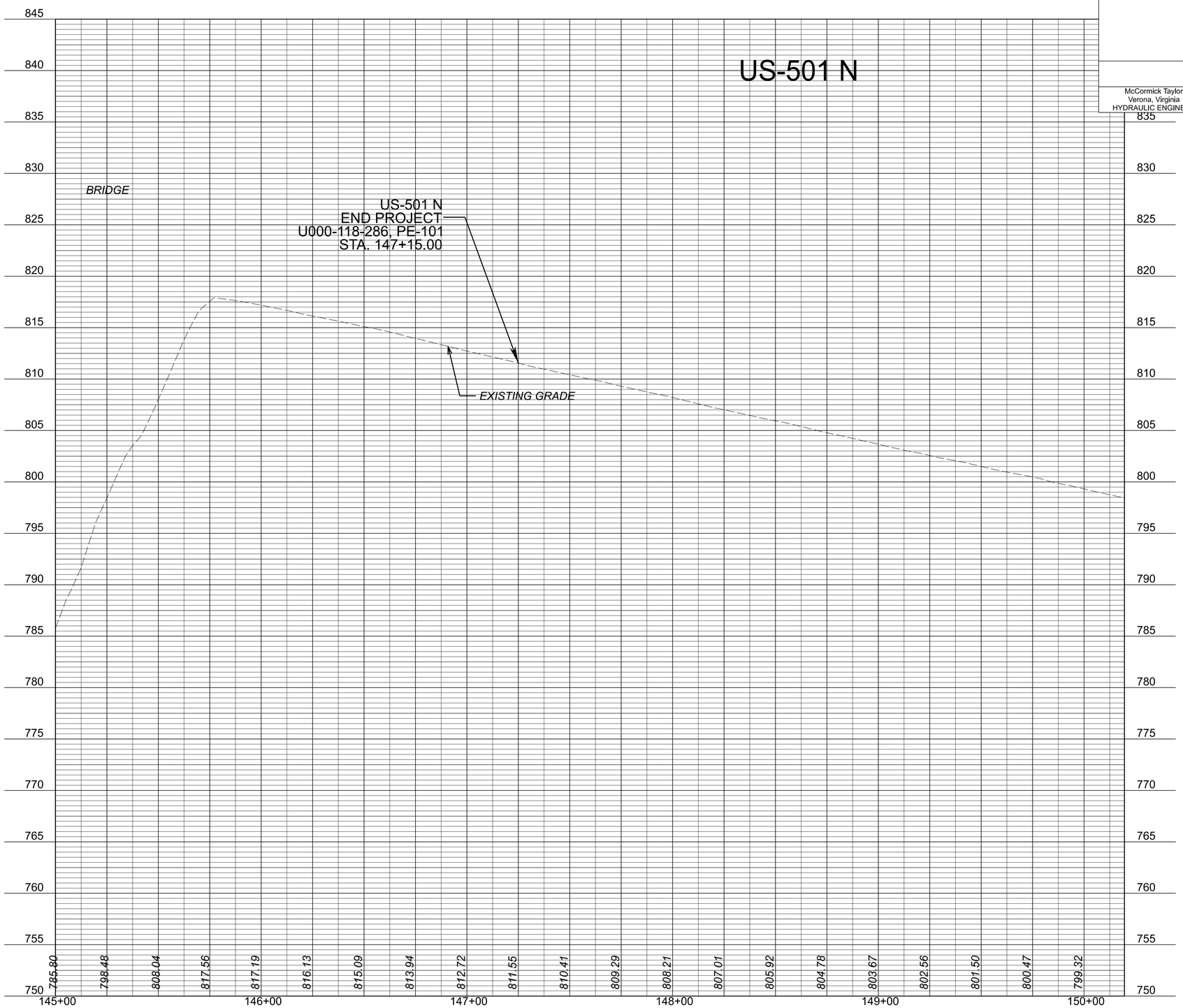
SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	19

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	19A

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

McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 19A

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

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PH PLANS

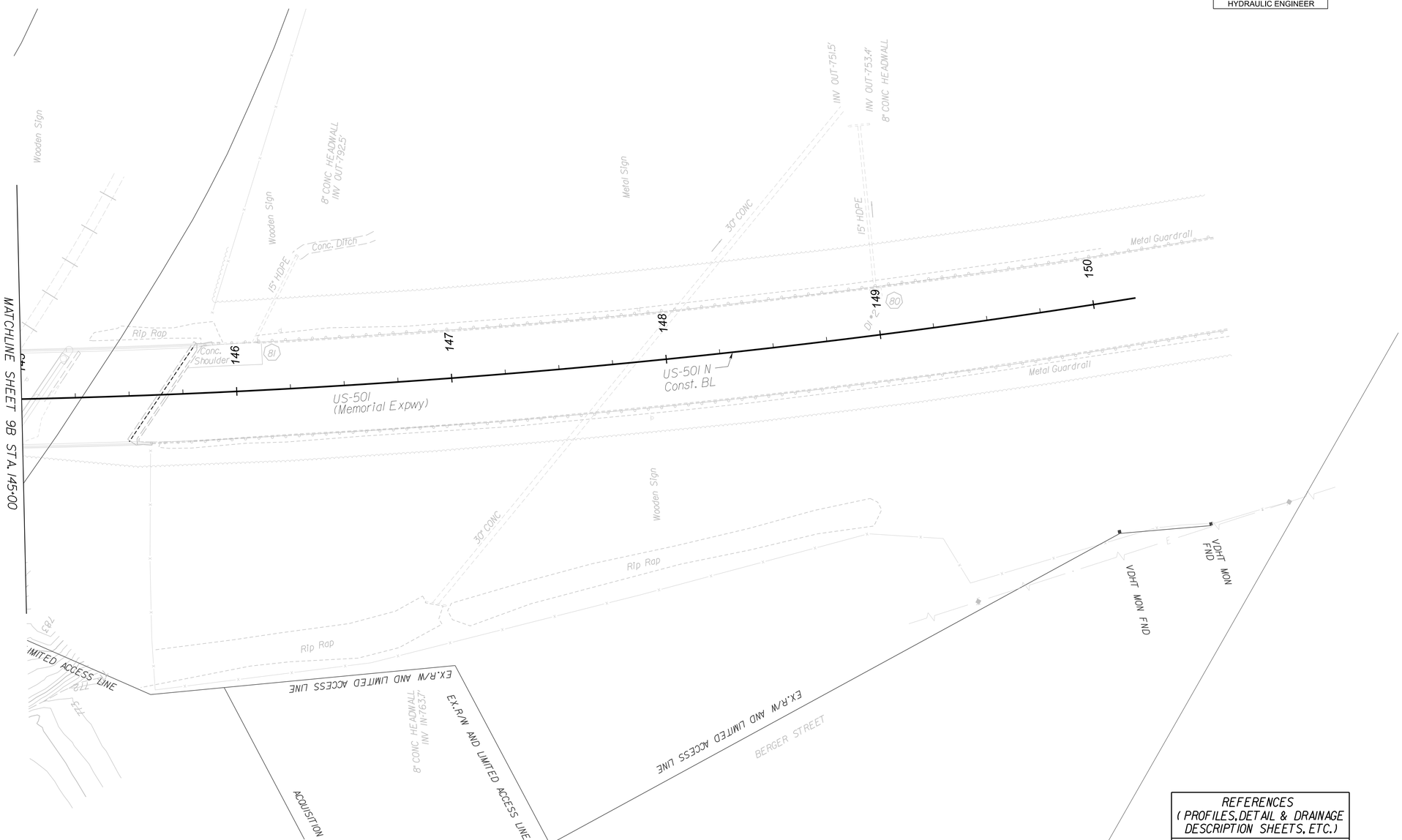
PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

EROSION AND SEDIMENT CONTROL PLAN

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	19B

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

McCormick Taylor, Inc.
Verona, Virginia
HYDRAULIC ENGINEER



Legend

EC-2 Tyr.1, EC-2 Tyr.2, EC-2 Tyr.3, EC-2 Tyr.4	Denotes Protective Covering, St'd. EC-2
EC-3 Tyr.1, EC-3 Tyr.2, EC-3 Tyr.3	Denotes Soil Stabilization Mat. St'd. EC-3 Type 1, 2 or 3
TSF-B	Denotes Temporary Silt Fence Type B, St'd EC-5
TSF-A	Denotes Temporary Silt Fence Type A, St'd EC-5
RCD-1	Denotes Rock Check Dam, Type I; St'd EC-4
RCD-2	Denotes Rock Check Dam, Type II; St'd EC-4
IP-A	Denotes Inlet Protection, Type A; St'd EC-6
IP-B	Denotes Inlet Protection, Type B; St'd EC-6
IP-C	Denotes Inlet Protection, Type C
LOD	Limit of Disturbance

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

Maintenance of Traffic	1G(1)-1G(III)
Drainage Descriptions	2D(1)-2D(4)
ESC General Notes	2F(X)
Plan Sheet	19

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	19B

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

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PH PLANS

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229
DESIGN BY _ McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

ENTRANCE PROFILES

McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	20(1)

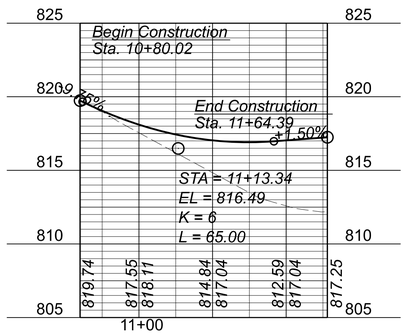
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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

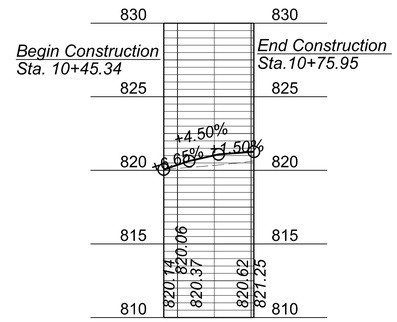
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY

PH PLANS

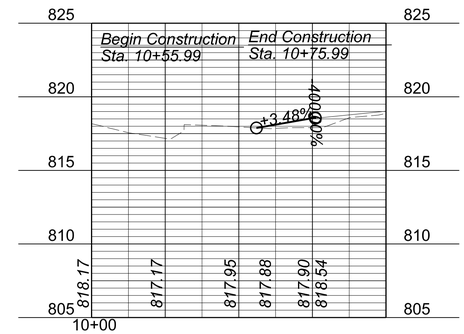
Ent. 221 LT 421+72.00



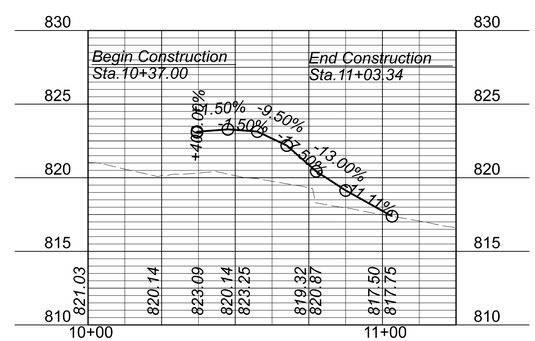
Ent. 221 LT 430+88.00



Ent. 221 LT 433+18.00



Ent. 221 RT 426+07.00



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 20(1)

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229
DESIGN BY _ McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

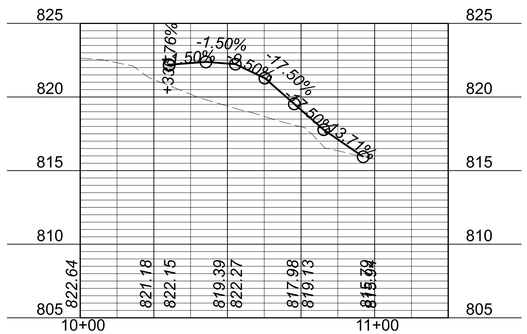
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	20(2)

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

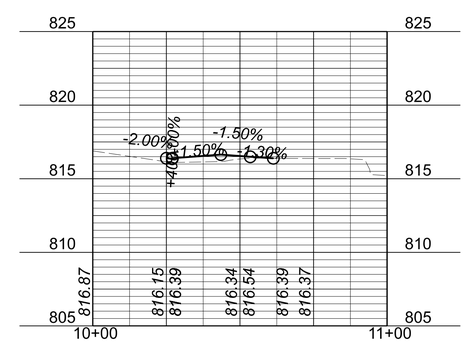
McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

ENTRANCE PROFILES

221 ENT. RT 429+38



221 ENT. RT 434+36



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 20(2)

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

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PH PLANS

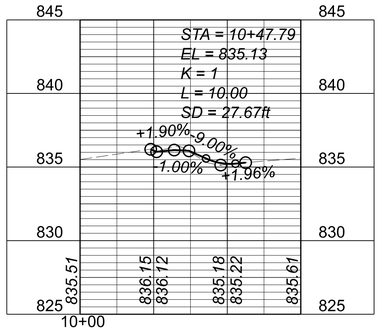
PROJECT MANAGER _ Dee Dee Copner, P.E. (434) 455-3929
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229
DESIGN BY _ Dewberry, Inc. (804) 690-5960
SUBSURFACE UTILITY BY, DATE

ENTRANCE PROFILES

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	20(3)

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

Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER



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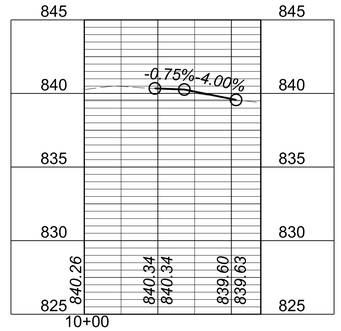

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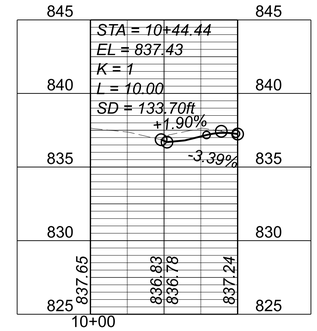

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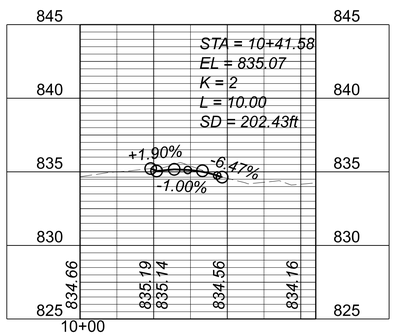

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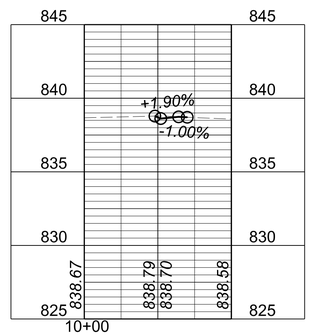

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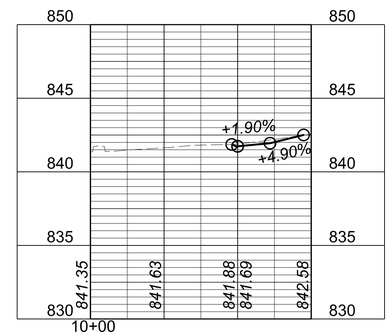

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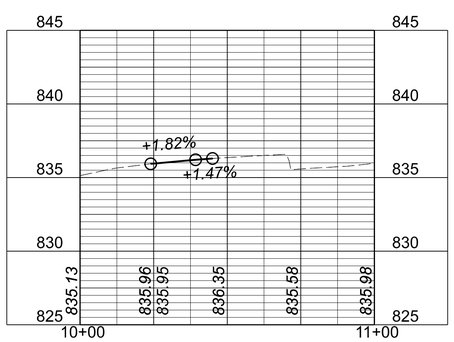

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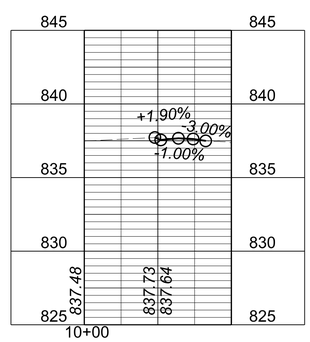

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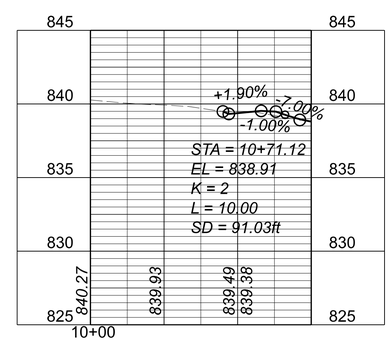

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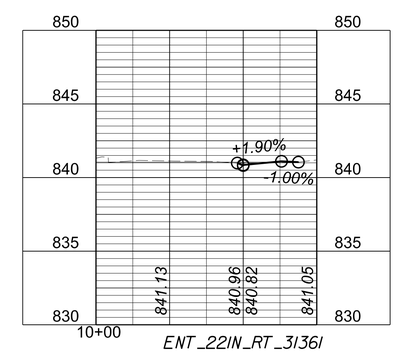


ENT_22IN_RT_31361

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 20(3)

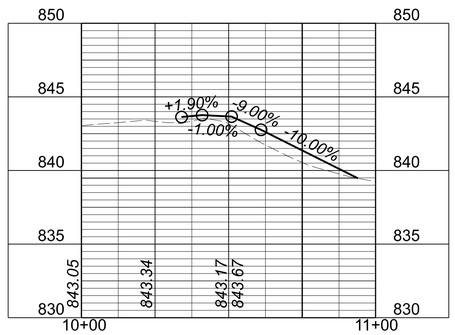
PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929 _____
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _____
DESIGN BY _ Dewberry, Inc. (804) 690-5960 _____
SUBSURFACE UTILITY BY, DATE _____

ENTRANCE PROFILES

Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	20(4)

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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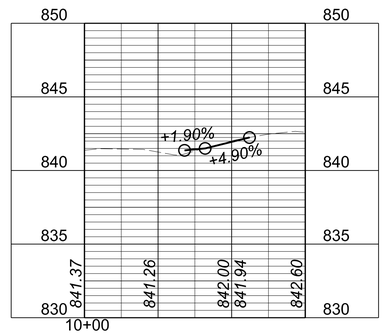

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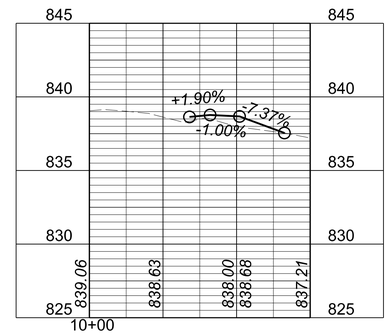

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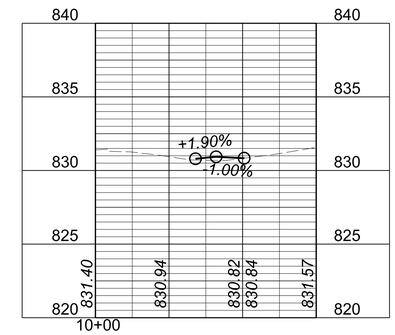

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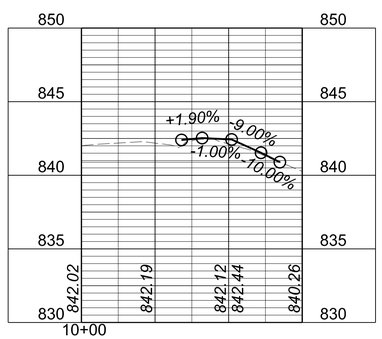

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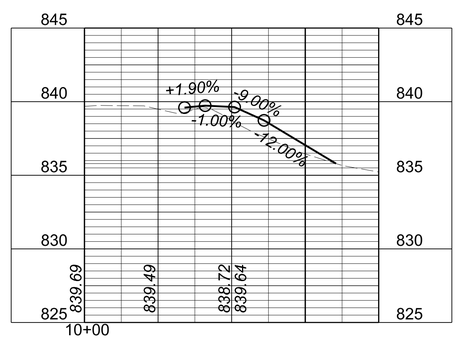
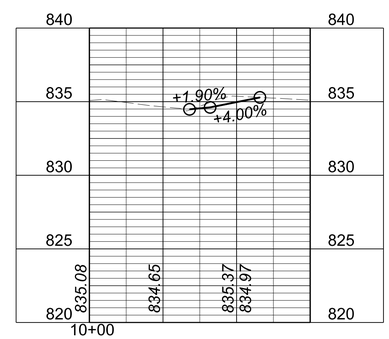


ENT_501S_LT_22725



ENT_501S_LT_22886

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 20(4)

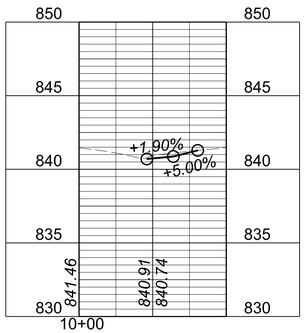
PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929 _____
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229 _____
DESIGN BY _ Dewberry, Inc. (804) 690-5960 _____
SUBSURFACE UTILITY BY, DATE _____

ENTRANCE PROFILES

Dewberry, Inc. Roanoke, Virginia HYDRAULIC ENGINEER	Dewberry, Inc. Roanoke, Virginia ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	20(5)

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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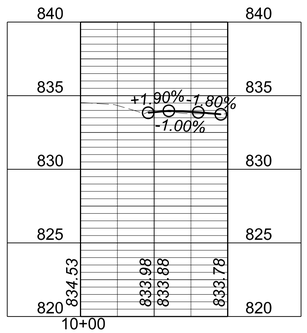
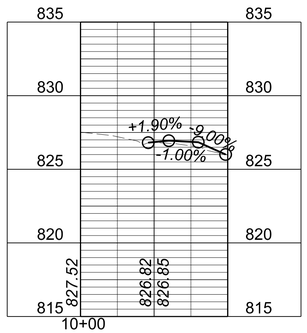


ENT_501S_RT_22907



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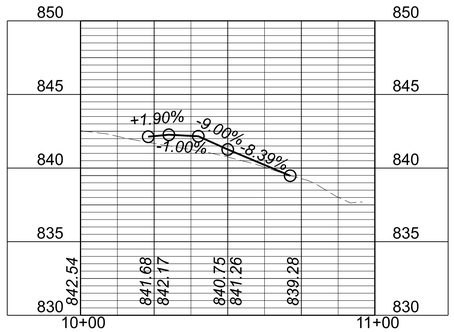
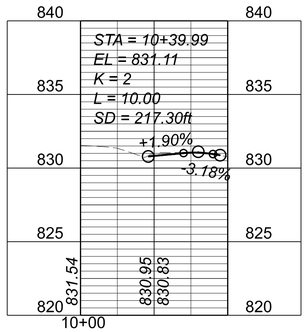


ENT_501S_RT_22345



ENT_501S_LT_23007

V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 20(5)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(1)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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

GENERAL NOTES - SIGNING

1. All existing signs are to remain unless otherwise noted.

2. Signs are to be installed within R/W or easement.

3. All underground and overhead utilities and locations shown on these plans are approximate only and may not be accurate. At least 72 hours prior to beginning signing work, the Contractor shall contact "Miss Utility of Virginia" at 1-800-552-7001 in order to determine the extent and location of all underground utilities within the project limits.

If the Contractor perceives a conflict between utilities and the proposed traffic signing equipment, the Contractor shall notify the Engineer immediately so that the conflict may be reviewed.

4. Sign locations are to be staked by the Contractor and approved by the Engineer prior to installation.

5. Unless otherwise approved by the Engineer, existing traffic signs which are to be removed shall remain in place until the new sign post and critical sign message are in place.

6. Unless otherwise indicated on the plans, all breakaway sign posts shall be located within 25 feet of the sign's current field location or as directed by the Engineer.

7. Existing signs within the project limits that contain Advance Warning information for a condition that is outside of the project limits are to be evaluated and updated as needed for the current condition as directed by the Engineer.

8. Existing signs that are impacted during construction (removed, damaged, etc.) that are outside of the design area or not specifically accounted for, shall be reinstalled or replaced by the Contractor and shall be considered incidental.

GENERAL NOTES - PAVEMENT MARKING

1. All existing pavement markings that conflict with proposed markings shall be eradicated as directed by the Engineer.

2. All proposed pavement markings shall tie into the existing markings at the limit of the proposed pavement markings.

3. Pavement markings on existing pavement are to remain unless noted on the plans. Existing pavement markings shown outside the limits of new markings are approximate and are shown for reference only.

4. Turn lane arrows, turn lane solid lines and stop bars shall be located in accordance with St'd. PM-3.

6. All message markings shall be preformed thermoplastic unless otherwise indicated on the plans.

INDEX OF SHEETS

Sheet No:	Sheet Description:
22(1)	Index of Sheets, General Notes, & Legends
22(2A)	Summary of Quantities
22(2A1)	Overhead Sign Details
22(2B1)	Overhead Sign Elevation Profiles
22(03)-22(19)	Signing and Pavement Marking Plans

STANDARD SIGN LEGEND

PLAN ITEM	PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Single Post Sign Support		
Double Post Sign Support		
Triple Post Sign Support		
Flashing Beacon		
O/H Cantilever Sign Support		
O/H Span Sign Support		

SIGN CALL-OUTS

Existing Sign to Remain or to be Relocated — MERIDIAN 95

Existing Sign to be Removed — MERIDIAN 95

Proposed Sign Panel — MERIDIAN 95

SIGN LABELS

Proposed Sign Assemblies

2808 / 3

denotes Sign Assembly No.

denotes Text No.

Relocated Sign Assemblies

2808 / 3

denotes Sign Assembly No.

denotes Text No.

Sign Relocation or Payable Sign Disposal/Salvage

GM / A

denotes Existing Sign Structure and/or Sign Panel Type

STRUCTURE & SIGN PANEL
GM - Ground Mounted
OM - Overhead Mounted
CM - Cantilever Mounted
SZFB - School Zone Flashing Beacon

SIGN PANEL
SP-GM - Ground Mounted Sign Panel
SP-OH - Overhead Mounted Sign Panel

STRUCTURE ONLY
ST-GM - Ground Mounted

denotes Action and Measurement & Payment Item
A - Remove & Dispose
B - Remove & Salvage
C - Relocate
D - Overlay Sign Panel
E - Replace Sign Panel

PAVEMENT MARKING LEGEND

(A) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH
(B) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 6" WIDTH
(C) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 4" WIDTH
(D) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 6" WIDTH
(E) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH (2' LINE, 6' SPACE)
(F) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH (10' LINE, 30' SPACE)
(G) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 24" WIDTH
(H) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 12" WIDTH
(J) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 24" WIDTH
(K) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 12" WIDTH
(L) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 4" WIDTH (10' LINE, 30' SPACE)
(M) PAVEMENT SYMBOL MARKING SINGLE ARROW, TYPE B CLASS I
(N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW, TYPE B CLASS I
(P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B, CLASS I
(R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B, CLASS I
(S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B, CLASS I
(T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B, CLASS I

PAVEMENT MARKERS LEGEND

◁ ONE-WAY INLAID PAVEMENT MARKER (WHITE/BLANK)
◀ ONE-WAY INLAID PAVEMENT MARKER (YELLOW/BLANK)
◁▷ TWO-WAY INLAID PAVEMENT MARKER (YELLOW/YELLOW)
◁▶ TWO-WAY INLAID PAVEMENT MARKER (WHITE/RED)
◀▶ TWO-WAY INLAID PAVEMENT MARKER (YELLOW/RED)

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKINGS
GENERAL NOTES & LEGEND

CITY OF LYNCHBURG, VA

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	22(1)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(2A)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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PH PLANS

SUMMARY OF QUANTITIES

TCD Discipline																																					
Summary Notes																																					
Item Description / ITEM NO.																																					
UNIT																																					
SHEET NO.																																					

PROJECT MANAGER Dee Dee Conner, P.E.(434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc.(804) 340-5229
DESIGN BY McCormick Taylor, Inc.(540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22 (2AI)

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

Dewberry Engineers Inc.
Fairfax, Virginia
TRAFFIC ENGINEER

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

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PH PLANS

SIGN DETAIL
1:50

SIGN NUMBER	Text XX
WIDTH x HGHT.	48" x 96"
BORDER WIDTH	1.5"
CORNER RADIUS	2"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGENDBORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_4		9"	47"	37"	24"

Panel Style: guide_exp_OH_APL.ssl
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																																		LENGTH	SERIES/SIZE
S	O	U	T	H																															
7.2"	15"	22.4"	29"	35.2"																														33.8"	E 2000 10".8"

SIGN DETAIL
1:50

SIGN NUMBER	Text XX
WIDTH x HGHT.	48" x 96"
BORDER WIDTH	1.5"
CORNER RADIUS	2"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGENDBORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_4		9"	47"	37"	24"

Panel Style: guide_exp_OH_APL.ssl
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																																		LENGTH	SERIES/SIZE
N	O	R	T	H																															
8"	15.7"	23.2"	29.2"	35.4"																														33.1"	E 2000 10".8"

SIGN DETAIL
1:50

SIGN NUMBER	Text XX
WIDTH x HGHT.	96" x 96"
BORDER WIDTH	1.5"
CORNER RADIUS	2"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGENDBORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_exp_OH_APL.ssl
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																																		LENGTH	SERIES/SIZE
T	O																																		
41"	49"																																	16"	E 2000 10.7"
O	l	d	F	o	r	e	s	t	R	d																									
7.5"	17.2"	20.6"	32"	39.6"	47.8"	52.7"	59.9"	65.3"	74.6"	83"																								82.5"	E 2000 10.7"/8"

SIGN DETAIL
1:50

SIGN NUMBER	Text XX
WIDTH x HGHT.	48" x 96"
BORDER WIDTH	1.5"
CORNER RADIUS	2"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGENDBORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_4		9"	47"	37"	24"

Panel Style: guide_exp_OH_APL.ssl
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																																		LENGTH	SERIES/SIZE
N	O	R	T	H																															
7.4"	15.2"	22.6"	28.7"	34.9"																														33.6"	E 2000 10".8"

SIGN DETAIL
1:50

SIGN NUMBER	Text XX
WIDTH x HGHT.	48" x 96"
BORDER WIDTH	1.5"
CORNER RADIUS	2"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGENDBORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_4		9"	47"	37"	24"

Panel Style: guide_exp_OH_APL.ssl
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																																		LENGTH	SERIES/SIZE
N	O	R	T	H																															
8"	15.7"	23.2"	29.2"	35.4"																														33.1"	E 2000 10".8"

SIGN DETAIL
1:50

SIGN NUMBER	Text XX
WIDTH x HGHT.	96" x 96"
BORDER WIDTH	1.5"
CORNER RADIUS	2"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGENDBORDER	TYPE: Reflective
	COLOR: White/White

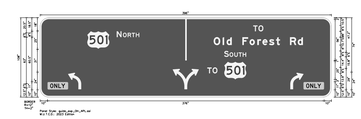
SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_exp_OH_APL.ssl
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																																		LENGTH	SERIES/SIZE
T	O																																		
41"	49"																																	16"	E 2000 10.7"
O	l	d	F	o	r	e	s	t	R	d																									
7.5"	17.2"	20.6"	32"	39.6"	47.8"	52.7"	59.9"	65.3"	74.6"	83"																								82.5"	E 2000 10.7"/8"

SIGN DETAIL
1:100



SIGN NUMBER	Text XX
WIDTH x HGHT.	396" x 108"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGENDBORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_4		64"	65"	31"	25"
M1_4		250"	24"	31"	25"
AR_LEFT_ONLY		37"	10"	19"	24"
AR_SPLIT		180"	10"	29"	36"
AR_RIGHT_ONLY		340"	10"	19"	24"

Panel Style: guide_exp_OH_APL.ssl
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																																		LENGTH	SERIES/SIZE
T	O																																		
289.6"	296.7"																																	14.4"	E 2000 8"
N	O	R	T	H																															
104.1"	112.5"	119"	124.5"	130"																														30.9"	E 2000 8".6"
O	l	d		F	o	r	e	s	t		R	d																							
235.8"	248"	253.4"	262.6"	274.8"	284.6"	295.2"	302.1"	311.3"	320.6"	327.4"	339.5"	350.1"																						122.2"	EM 2000 10.7"/8"
S	O	U	T	H																															
250"	257.4"	263.9"	269.7"	275.3"																														31"	E 2000 8".6"
T	O																																		
227.2"	234.3"																																	14.8"	E 2000 8"
O	N	L	Y																																
13.7"	19.3"	24.8"	28.9"																															21.3"	D 2000 6"
O	N	L	Y																																
361.5"	367.1"	372.6"	376.7"																															20.5"	D 2000 6"

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

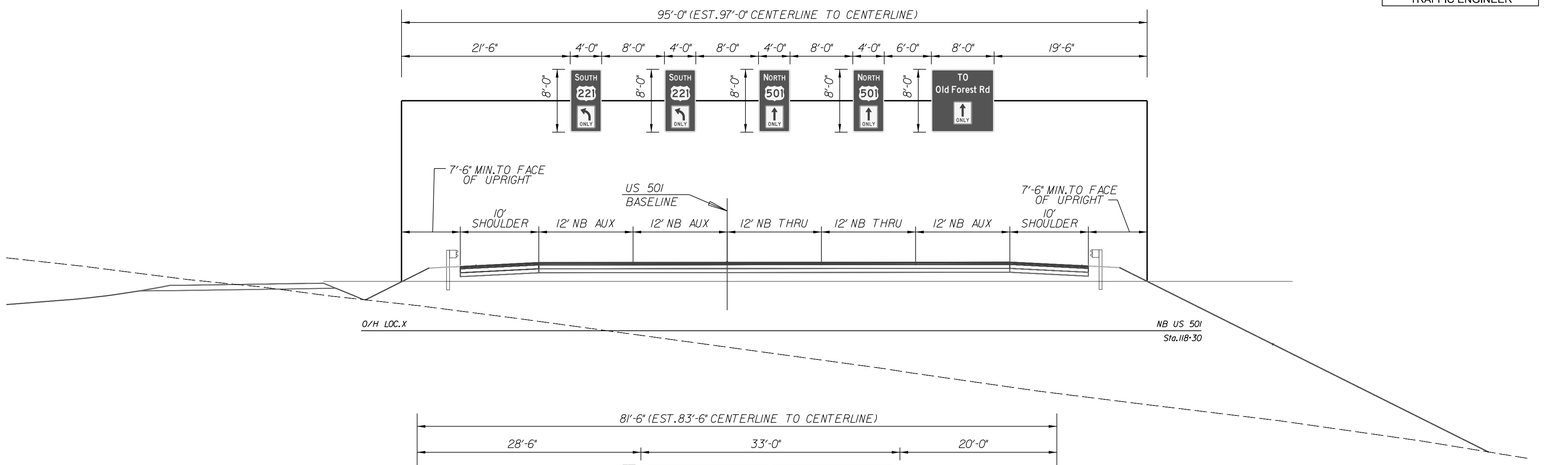
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22 (2B1)

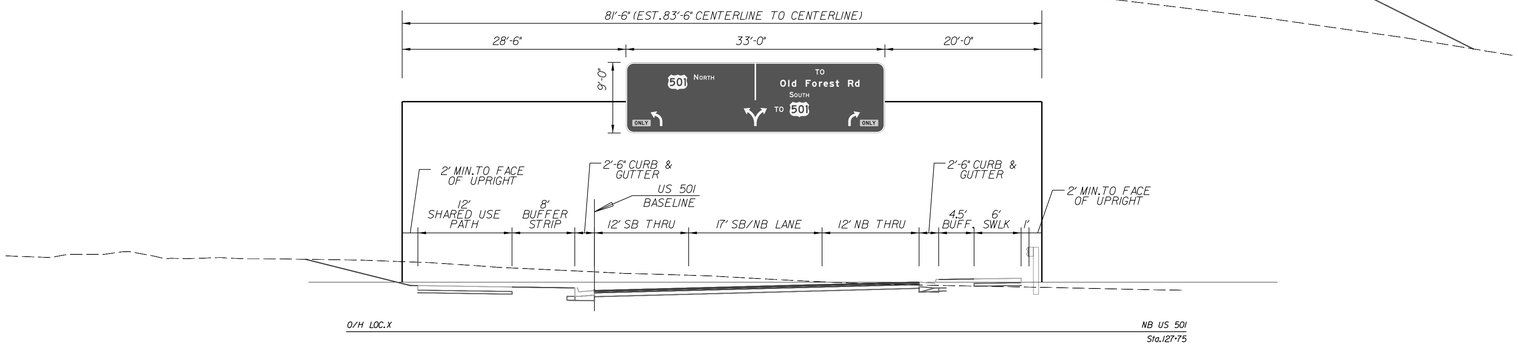
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

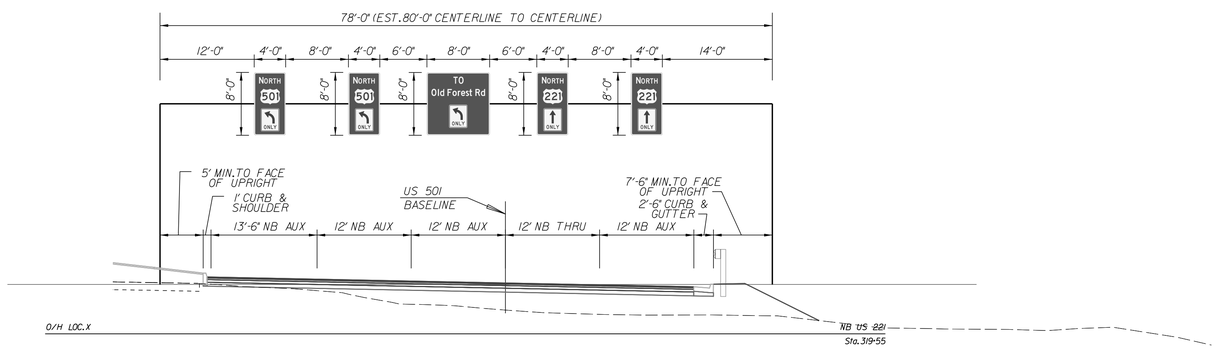
Dewberry Engineers Inc.
Fairfax, Virginia
TRAFFIC ENGINEER

OVERHEAD ELEVATION

NOTE:
1. VERTICAL CLEARANCE FROM THE HIGHEST POINT ON THE ROADWAY AND SHOULDERS TO THE BOTTOM OF THE LOWEST MOUNTED SIGN PANEL SHALL BE NO LESS THAN 19'-0" AND NO MORE THAN 21'-0".







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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(3)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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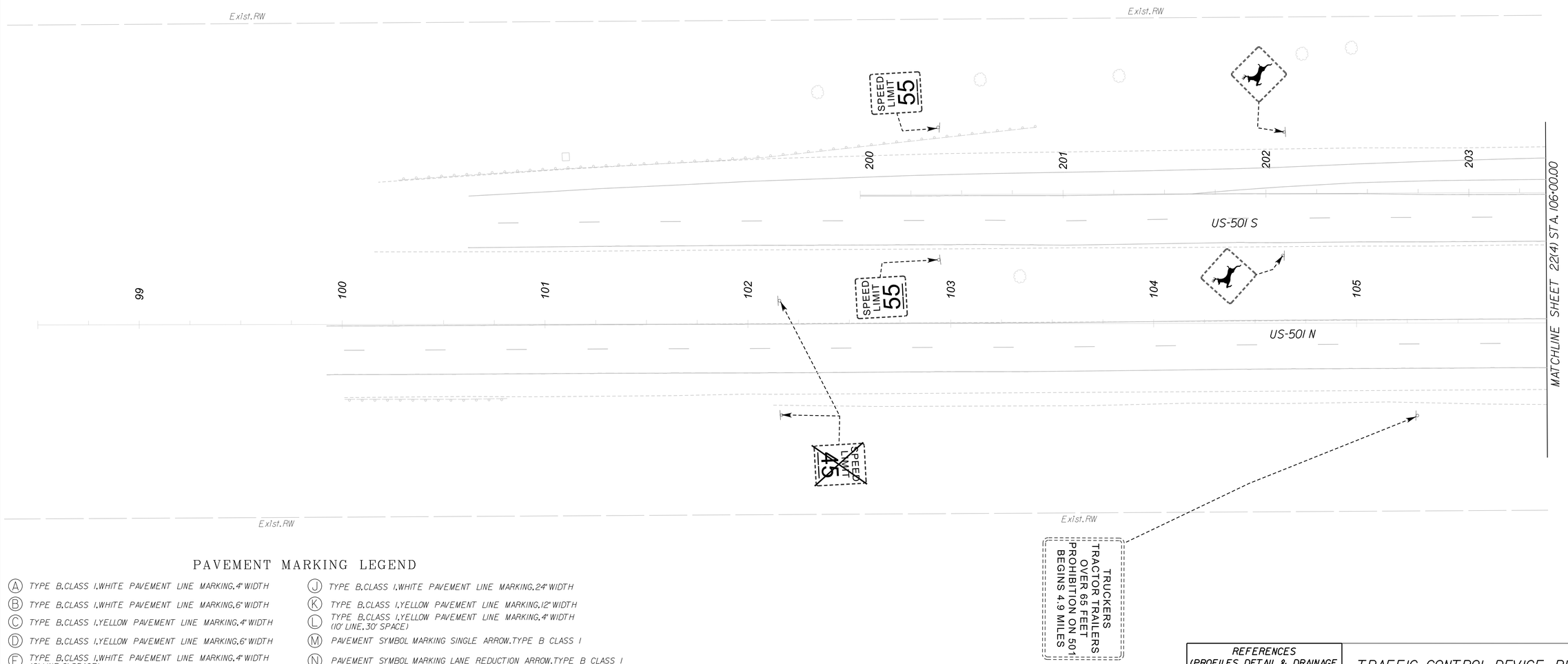
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY

PH PLANS



PAVEMENT MARKING LEGEND

- (A) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH
- (B) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.6" WIDTH
- (C) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH
- (D) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.6" WIDTH
- (E) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (2' LINE.6' SPACE)
- (F) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (10' LINE.30' SPACE)
- (G) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.24" WIDTH
- (H) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.12" WIDTH
- (J) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.24" WIDTH
- (K) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.12" WIDTH
- (L) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH (10' LINE.30' SPACE)
- (M) PAVEMENT SYMBOL MARKING SINGLE ARROW.TYPE B CLASS I
- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW.TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B.CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B.CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B.CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B.CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	3
US-501N Profile	3A
ESC Plan	3B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(3)

8/19/2026
2:19:41 PM

t113116_22(04).dgn
Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(4)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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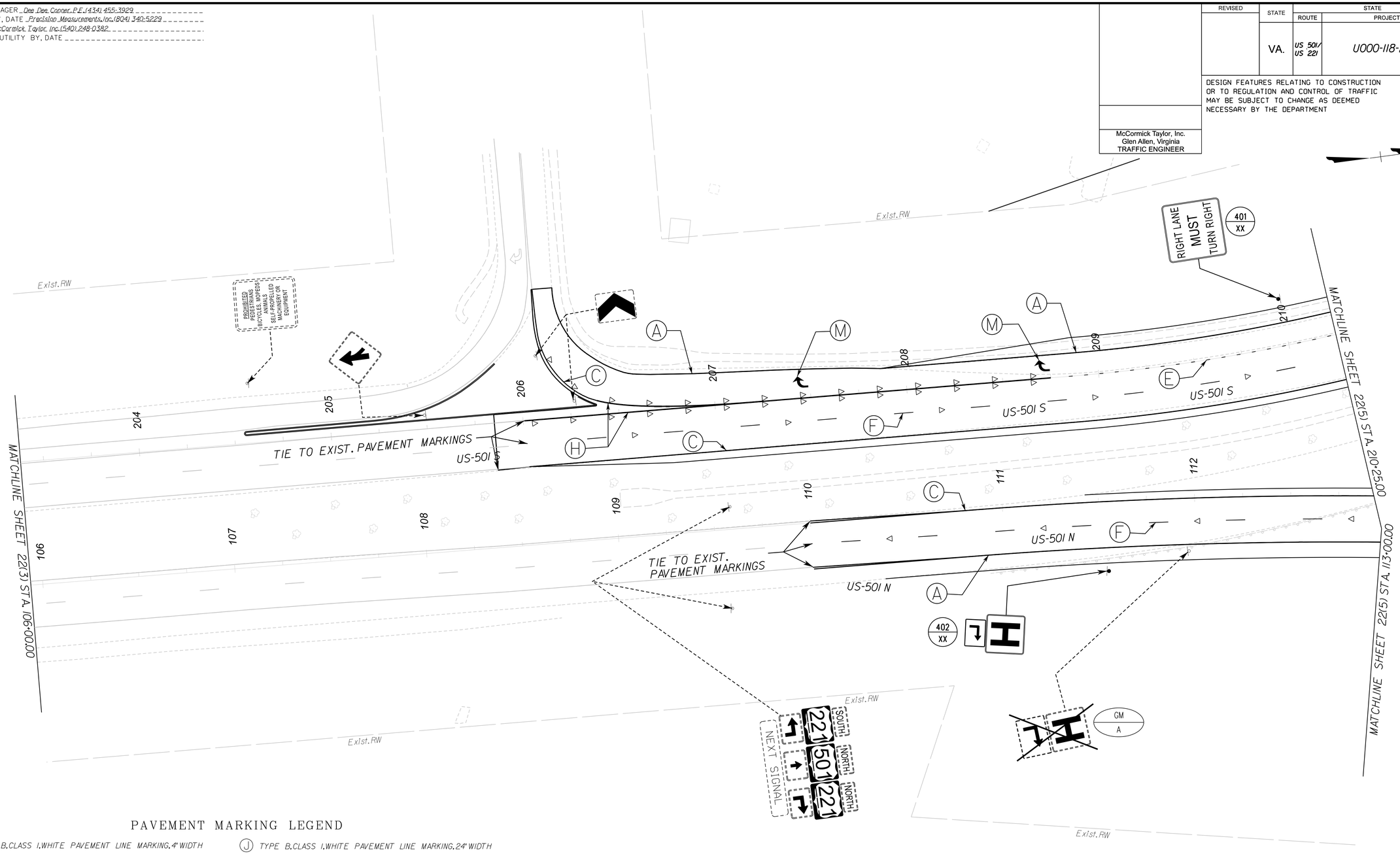
PH PLANS



PAVEMENT MARKING LEGEND

- (A) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH
- (B) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.6" WIDTH
- (C) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH
- (D) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.6" WIDTH
- (E) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (2' LINE.6' SPACE)
- (F) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (10' LINE.30' SPACE)
- (G) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.24" WIDTH
- (H) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.12" WIDTH
- (J) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.24" WIDTH
- (K) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.12" WIDTH
- (L) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH (10' LINE.30' SPACE)
- (M) PAVEMENT SYMBOL MARKING SINGLE ARROW.TYPE B CLASS I
- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW.TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B.CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B.CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B.CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B.CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	4
US-501N Profile	4A
ESC Plan	4B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(4)

8/19/2026
2:20:00 PM

t11311l6_22(05).dgn
Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E.(434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc.(804) 340-5229
DESIGN BY McCormick Taylor, Inc.(540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(5)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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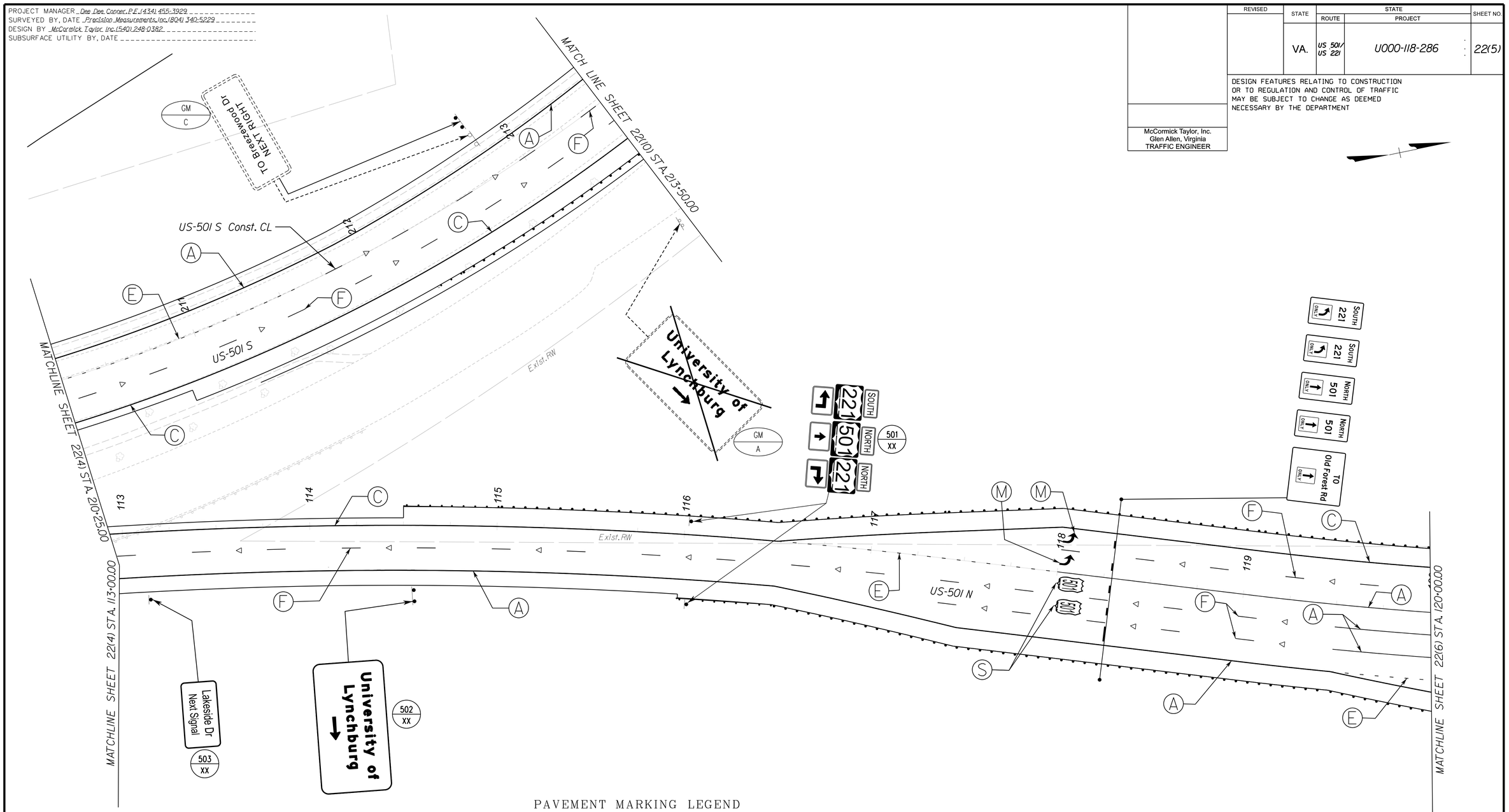
PH PLANS



PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH
- (B) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 6" WIDTH
- (C) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 4" WIDTH
- (D) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 6" WIDTH
- (E) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH (2' LINE, 6' SPACE)
- (F) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH (10' LINE, 30' SPACE)
- (G) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 24" WIDTH
- (H) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 12" WIDTH
- (J) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 24" WIDTH
- (K) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 12" WIDTH
- (L) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 4" WIDTH (10' LINE, 30' SPACE)
- (M) PAVEMENT SYMBOL MARKING SINGLE ARROW, TYPE B CLASS I
- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW, TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B, CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B, CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B, CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B, CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	5
US-501N Profile	5A
ESC Plan	5B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(5)

8/19/2026
2:20:20 PM

tl13116_22(06).dgn
Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(6)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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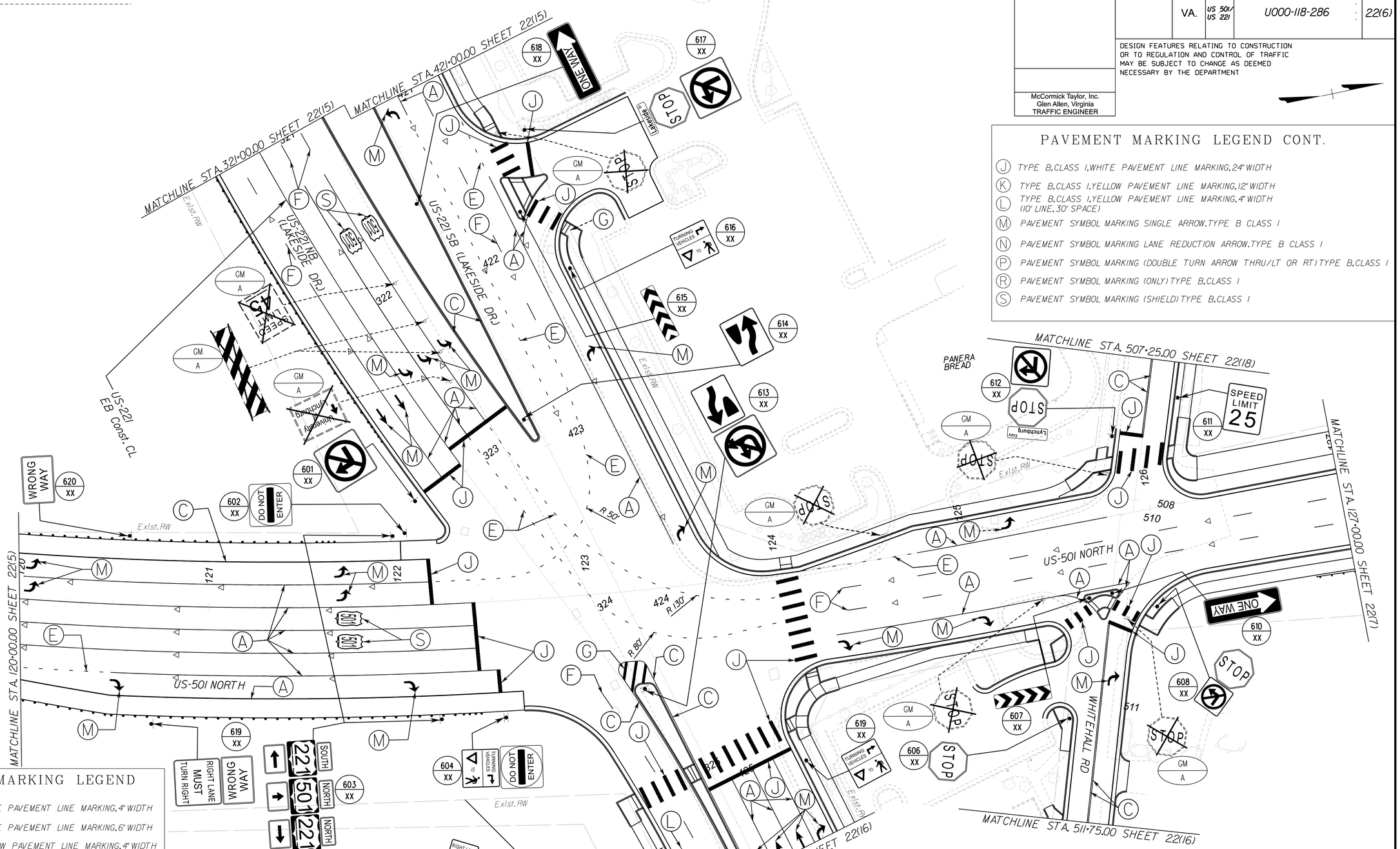
PH PLANS



PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH
- (B) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 6" WIDTH
- (C) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 4" WIDTH
- (D) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 6" WIDTH
- (E) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH (2' LINE, 6' SPACE)
- (F) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH (10' LINE, 30' SPACE)
- (G) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 24" WIDTH
- (H) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 12" WIDTH

PAVEMENT MARKING LEGEND CONT.

- (J) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 24" WIDTH
- (K) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 12" WIDTH
- (L) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 4" WIDTH (10' LINE, 30' SPACE)
- (M) PAVEMENT SYMBOL MARKING SINGLE ARROW, TYPE B CLASS I
- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW, TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B, CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B, CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B, CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	6
US-501N Profile	6A
ESC Plan	6B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(6)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(7)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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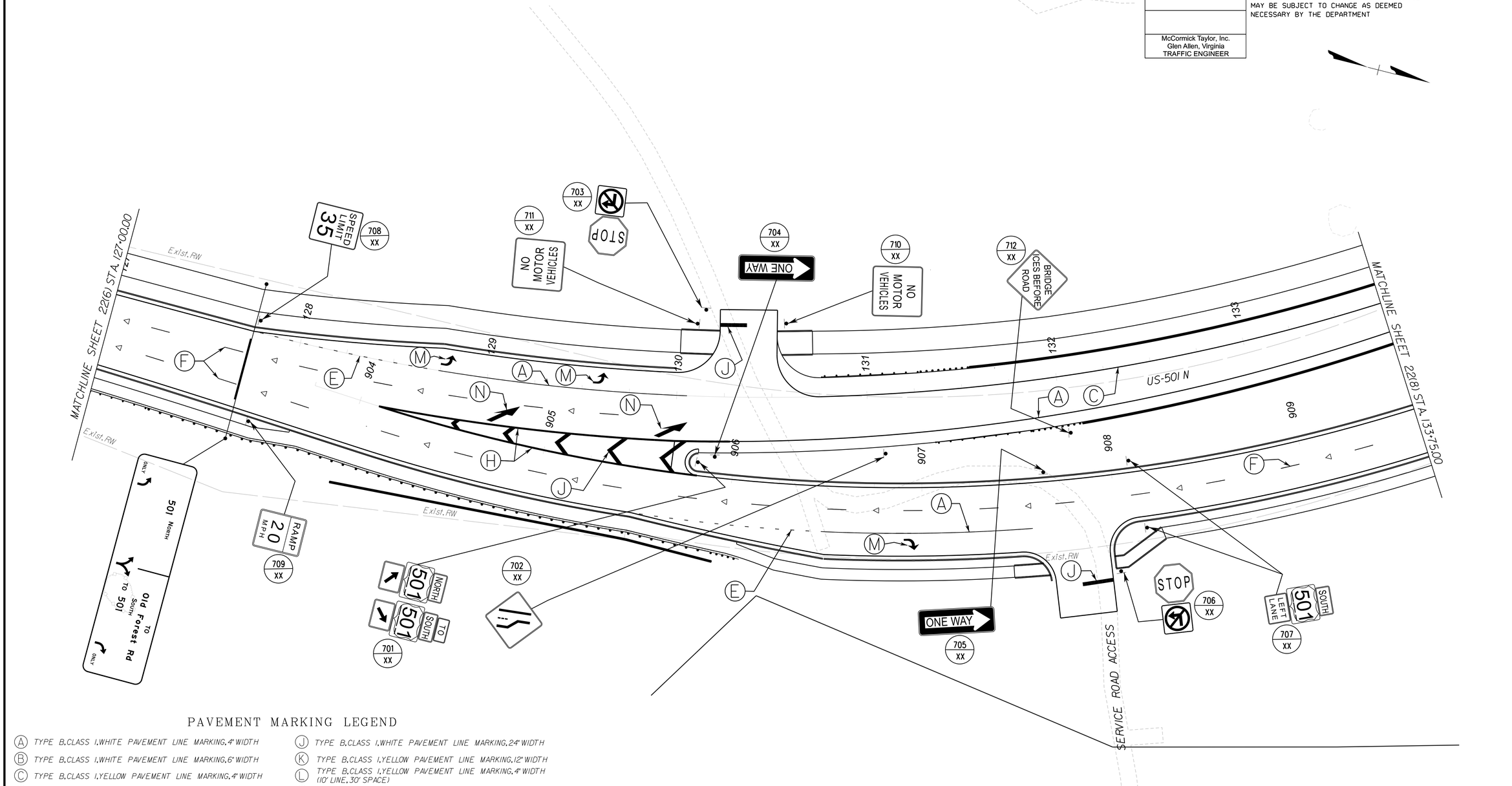
PH PLANS



PAVEMENT MARKING LEGEND

- (A) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH
- (B) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.6" WIDTH
- (C) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH
- (D) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.6" WIDTH
- (E) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (2' LINE.6' SPACE)
- (F) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (10' LINE.30' SPACE)
- (G) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.24" WIDTH
- (H) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.12" WIDTH
- (J) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.24" WIDTH
- (K) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.12" WIDTH
- (L) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH (10' LINE.30' SPACE)
- (M) PAVEMENT SYMBOL MARKING SINGLE ARROW.TYPE B CLASS I
- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW.TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B.CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B.CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B.CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B.CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	7
US-501N Profile	7A
ESC Plan	7B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(7)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(8)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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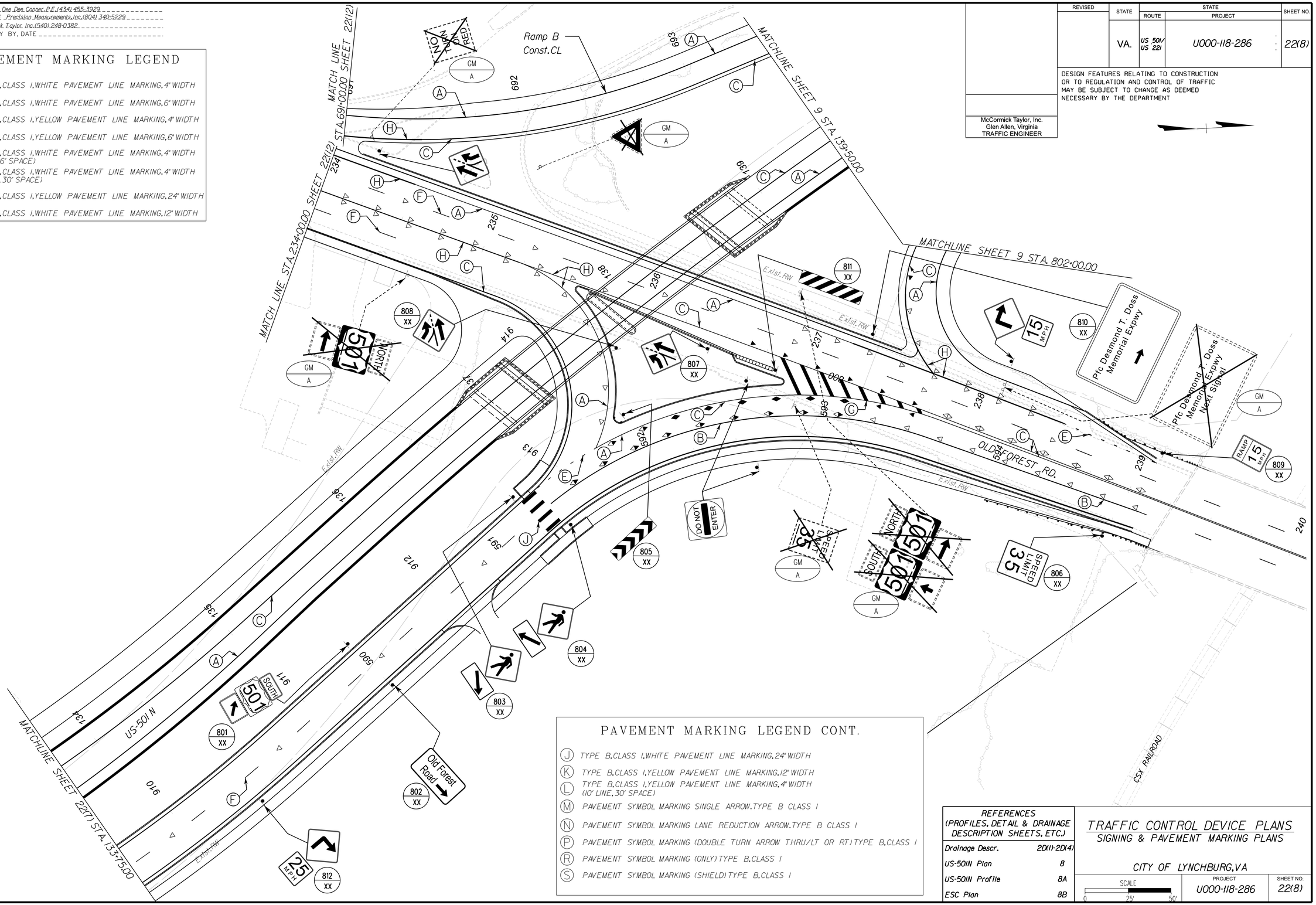
PH PLANS

PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH
- (B) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 6" WIDTH
- (C) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 4" WIDTH
- (D) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 6" WIDTH
- (E) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH (2' LINE, 6' SPACE)
- (F) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH (10' LINE, 30' SPACE)
- (G) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 24" WIDTH
- (H) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 12" WIDTH



PAVEMENT MARKING LEGEND CONT.

- (J) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 24" WIDTH
- (K) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 12" WIDTH
- (L) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 4" WIDTH (10' LINE, 30' SPACE)
- (M) PAVEMENT SYMBOL MARKING SINGLE ARROW, TYPE B CLASS I
- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW, TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B, CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B, CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B, CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	8
US-501N Profile	8A
ESC Plan	8B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(8)

8/19/2026
2:21:14 PM

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Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(9)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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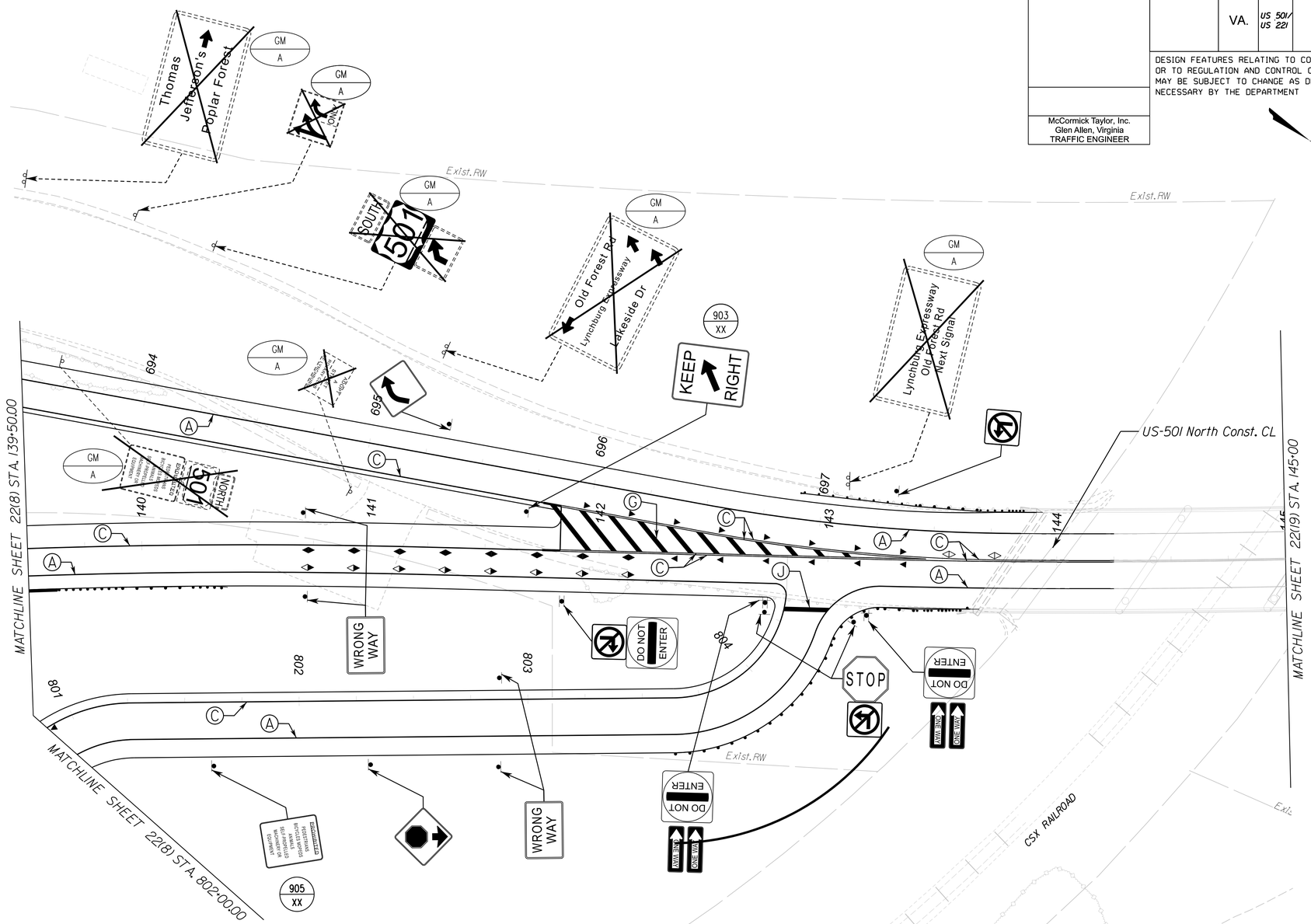
PH PLANS



PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH
- (B) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 6" WIDTH
- (C) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 4" WIDTH
- (D) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 6" WIDTH
- (E) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH (2' LINE, 6' SPACE)
- (F) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH (10' LINE, 30' SPACE)
- (G) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 24" WIDTH
- (H) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 12" WIDTH
- (J) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 24" WIDTH
- (K) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 12" WIDTH
- (L) TYPE B, CLASS I, YELLOW PAVEMENT LINE MARKING, 4" WIDTH (10' LINE, 30' SPACE)
- (M) PAVEMENT SYMBOL MARKING SINGLE ARROW, TYPE B CLASS I
- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW, TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B, CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B, CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B, CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B, CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	9
US-501N Profile	9A
ESC Plan	9B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(9)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(10)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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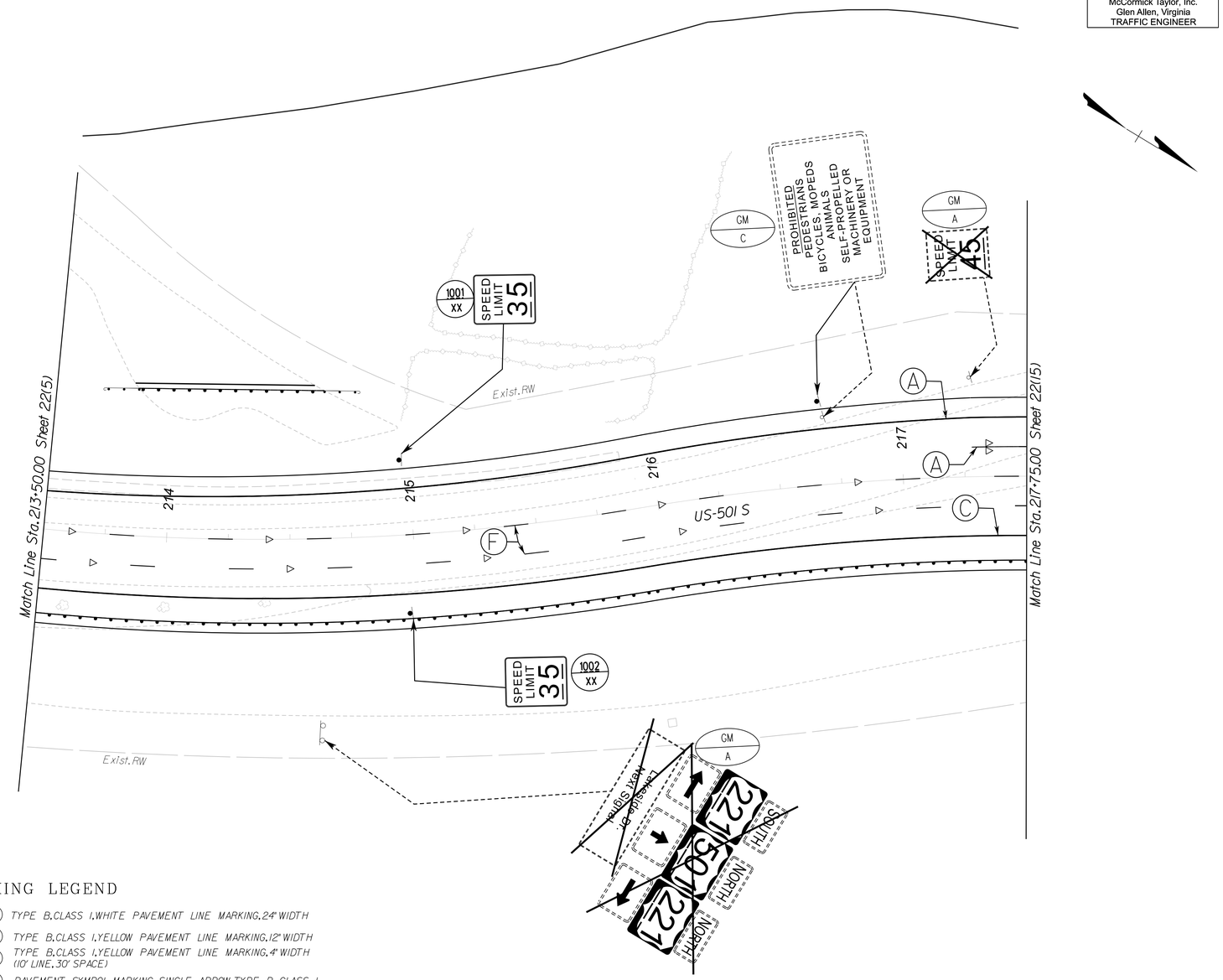
PH PLANS



PAVEMENT MARKING LEGEND

- (A) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH
- (B) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.6" WIDTH
- (C) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH
- (D) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.6" WIDTH
- (E) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (2' LINE.6' SPACE)
- (F) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (10' LINE.30' SPACE)
- (G) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.24" WIDTH
- (H) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.12" WIDTH
- (J) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.24" WIDTH
- (K) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.12" WIDTH
- (L) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH (10' LINE.30' SPACE)
- (M) PAVEMENT SYMBOL MARKING SINGLE ARROW.TYPE B CLASS I
- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW.TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B.CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B.CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B.CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B.CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	10
US-501N Profile	10A
ESC Plan	10B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(10)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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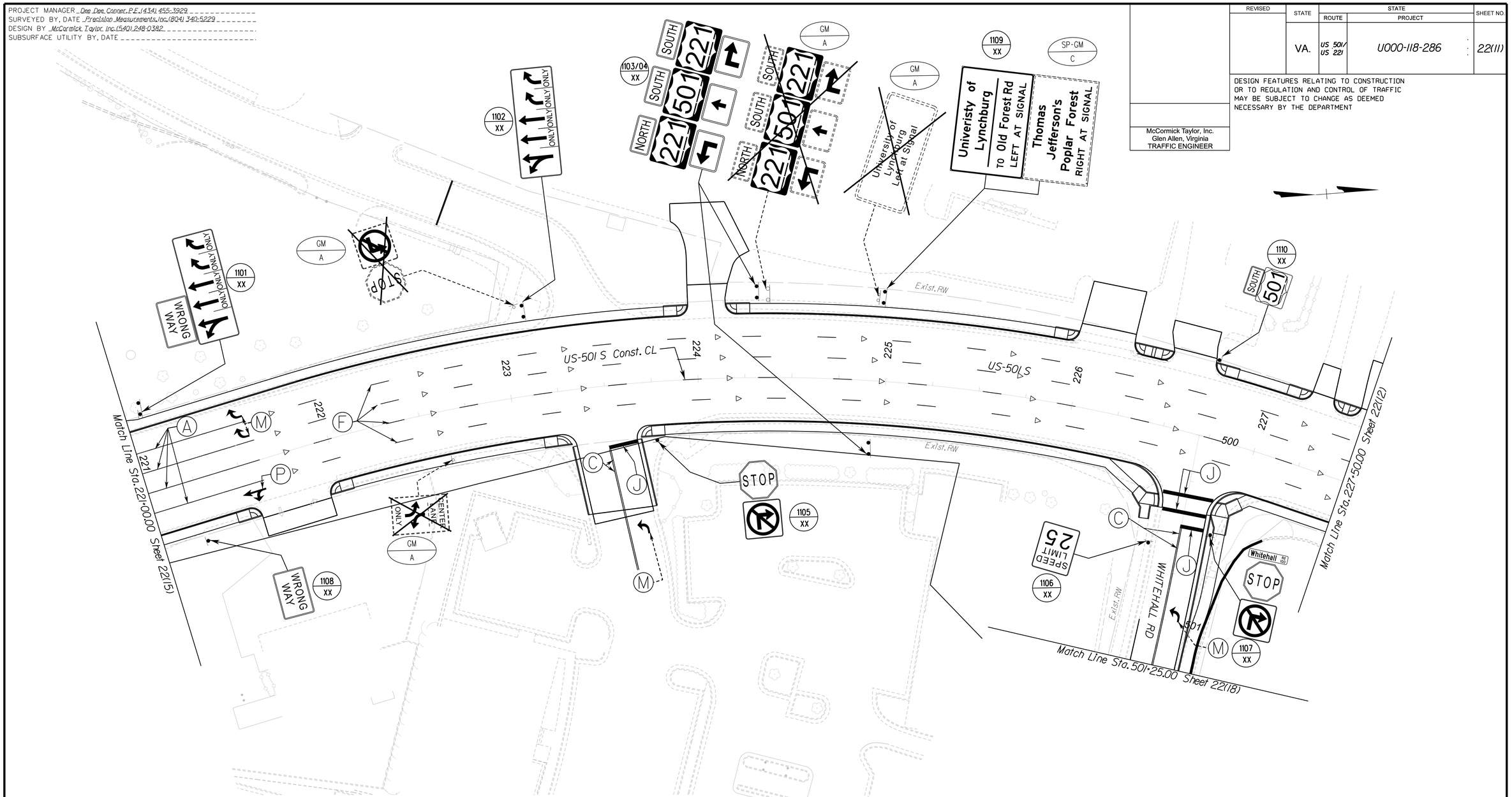
PH PLANS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(11)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



PAVEMENT MARKING LEGEND

- (A) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH
- (B) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.6" WIDTH
- (C) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH
- (D) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.6" WIDTH
- (E) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (2' LINE.6' SPACE)
- (F) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (10' LINE.30' SPACE)
- (G) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.24" WIDTH
- (H) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.12" WIDTH
- (J) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.24" WIDTH
- (K) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.12" WIDTH
- (L) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH (10' LINE.30' SPACE)
- (M) PAVEMENT SYMBOL MARKING SINGLE ARROW.TYPE B CLASS I
- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW.TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B.CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B.CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B.CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B.CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	11
US-501N Profile	11A
ESC Plan	11B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(11)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(12)

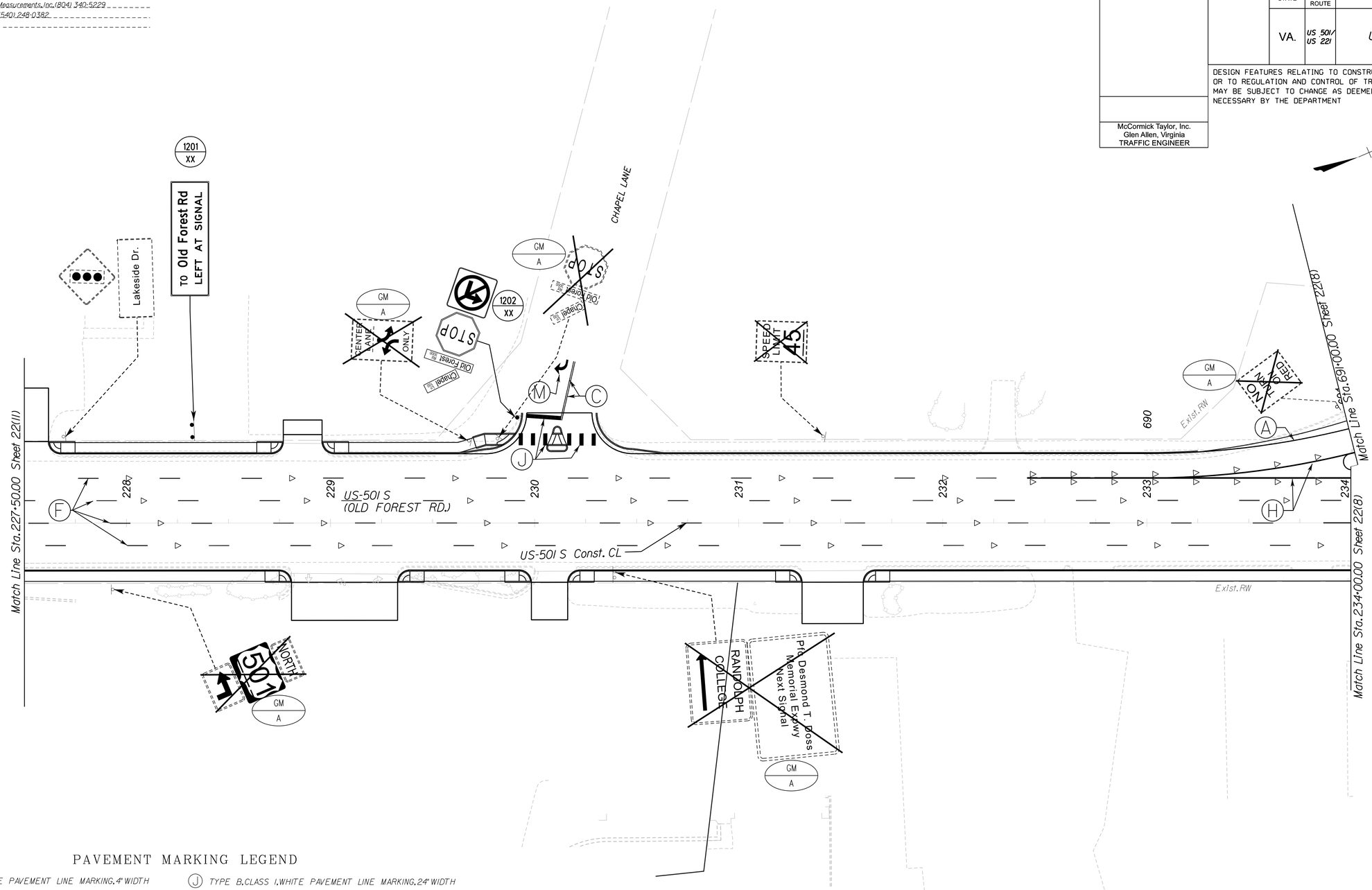
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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



PAVEMENT MARKING LEGEND

- (A) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH
- (B) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.6" WIDTH
- (C) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH
- (D) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.6" WIDTH
- (E) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (2' LINE.6' SPACE)
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- (H) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.12" WIDTH
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- (L) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH (10' LINE.30' SPACE)
- (M) PAVEMENT SYMBOL MARKING SINGLE ARROW.TYPE B CLASS I
- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW.TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B.CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B.CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B.CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B.CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	12
US-501N Profile	12A
ESC Plan	12B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(12)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(13)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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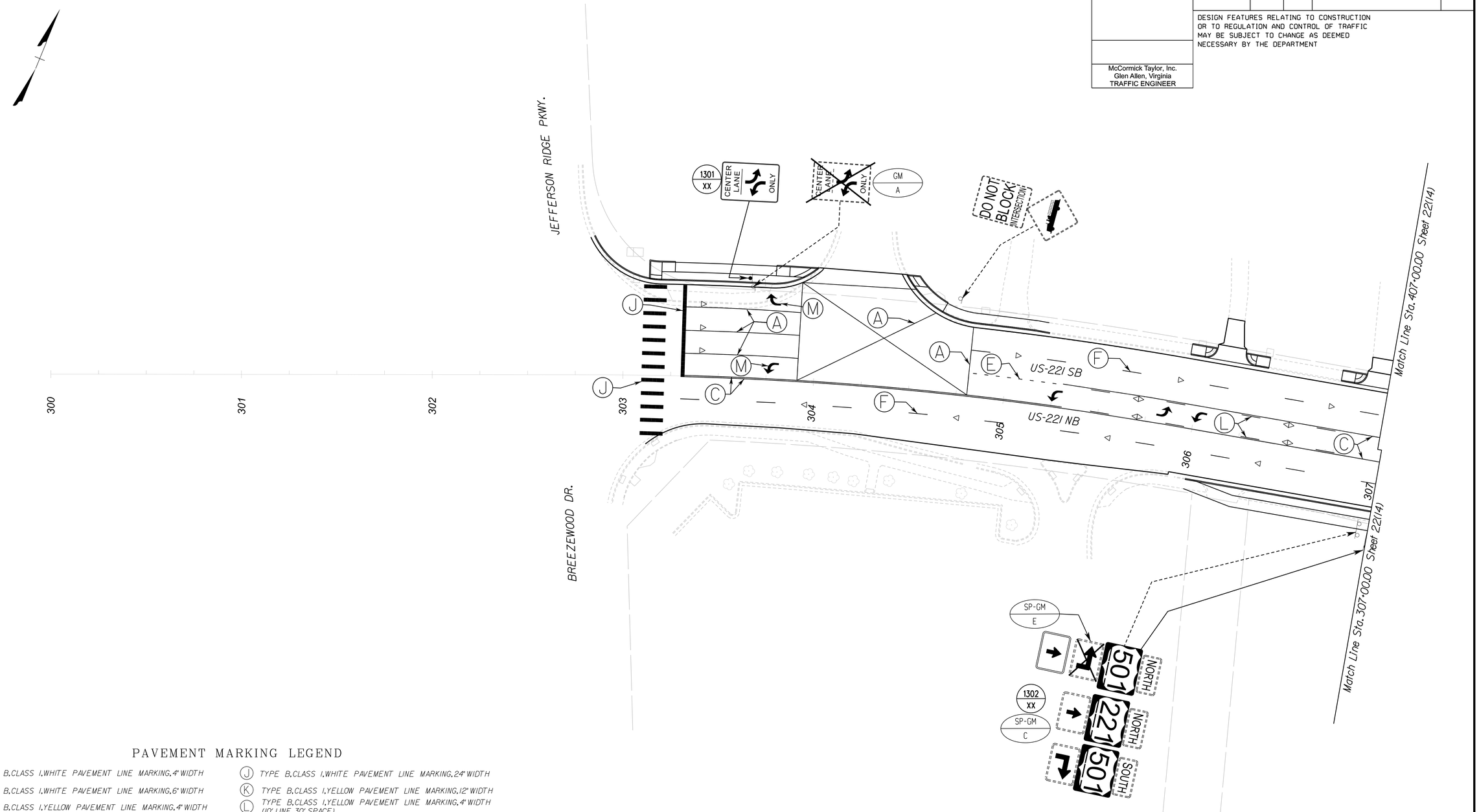
PH PLANS



PAVEMENT MARKING LEGEND

- (A) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH
- (B) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.6" WIDTH
- (C) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH
- (D) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.6" WIDTH
- (E) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (2' LINE.6' SPACE)
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- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW.TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B.CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B.CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B.CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B.CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	13
US-501N Profile	13A
ESC Plan	13B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(13)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(14)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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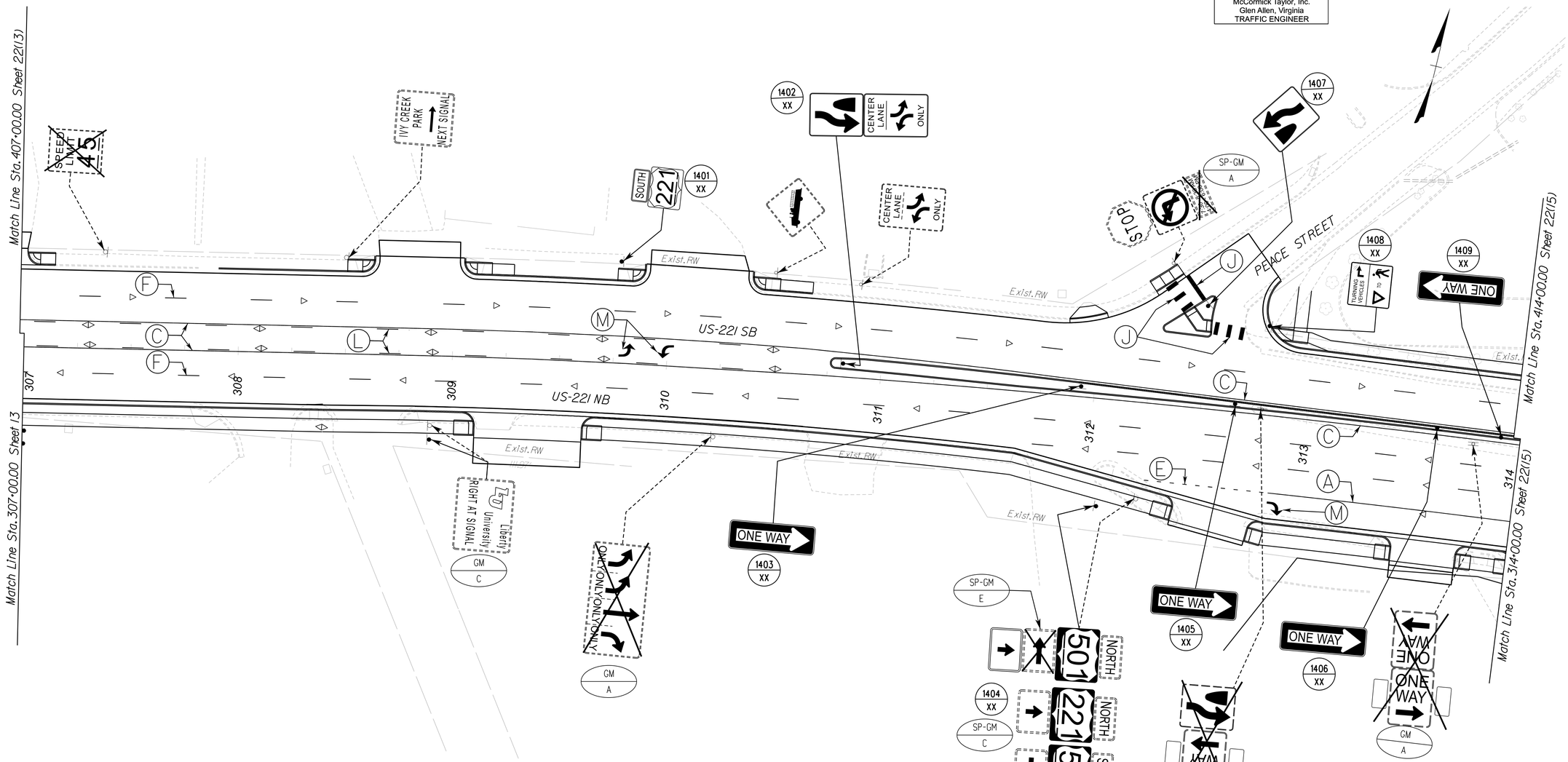
PH PLANS



PAVEMENT MARKING LEGEND

- (A) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH
- (B) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.6" WIDTH
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- (D) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.6" WIDTH
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- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW.TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B.CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B.CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B.CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B.CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	14
US-501N Profile	14A
ESC Plan	14B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(14)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(15)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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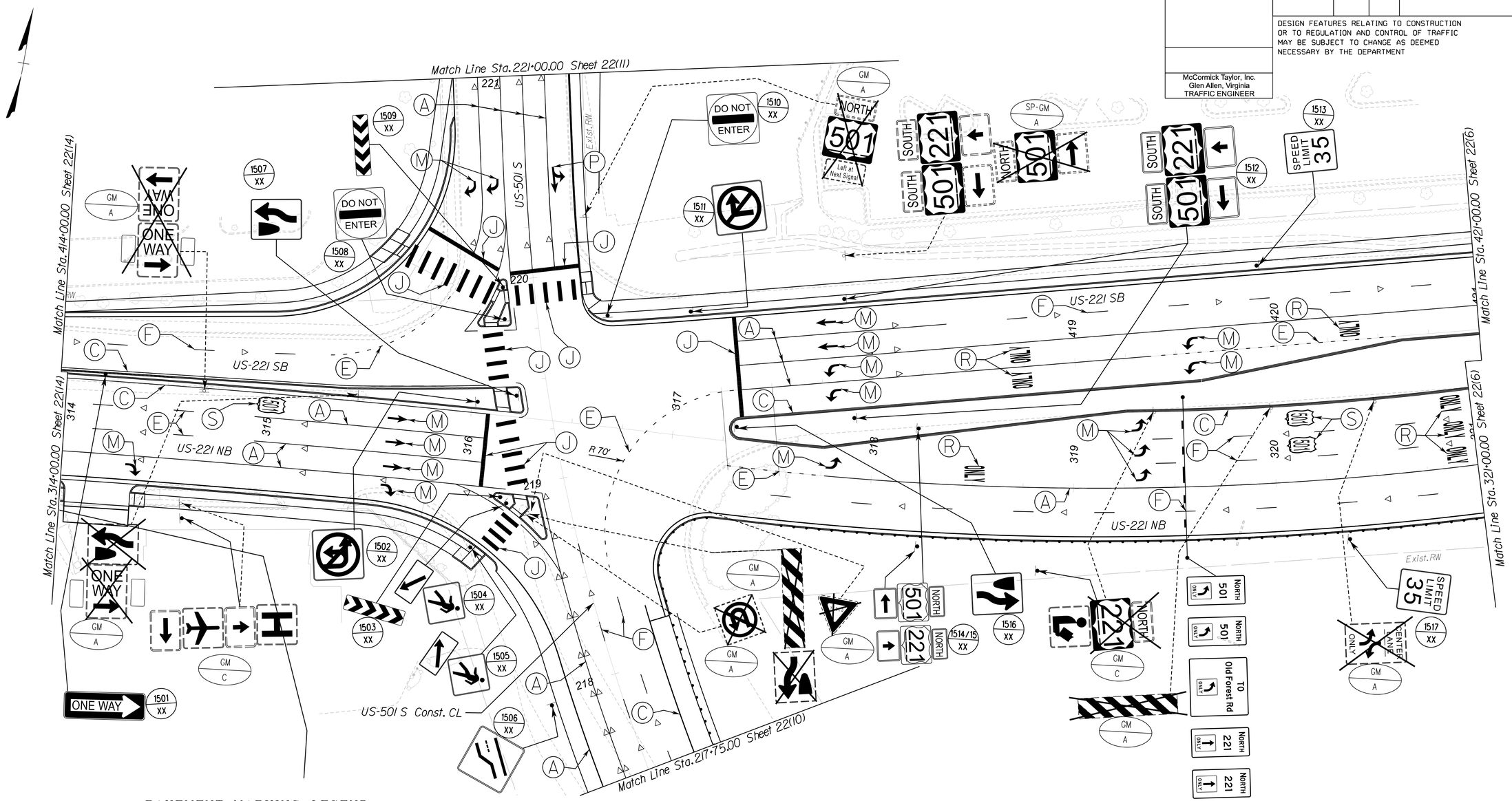
PH PLANS



PAVEMENT MARKING LEGEND

- (A) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH
- (B) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.6" WIDTH
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- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B.CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B.CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B.CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	15
US-501N Profile	15A
ESC Plan	15B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(15)

8/19/2026
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Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

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

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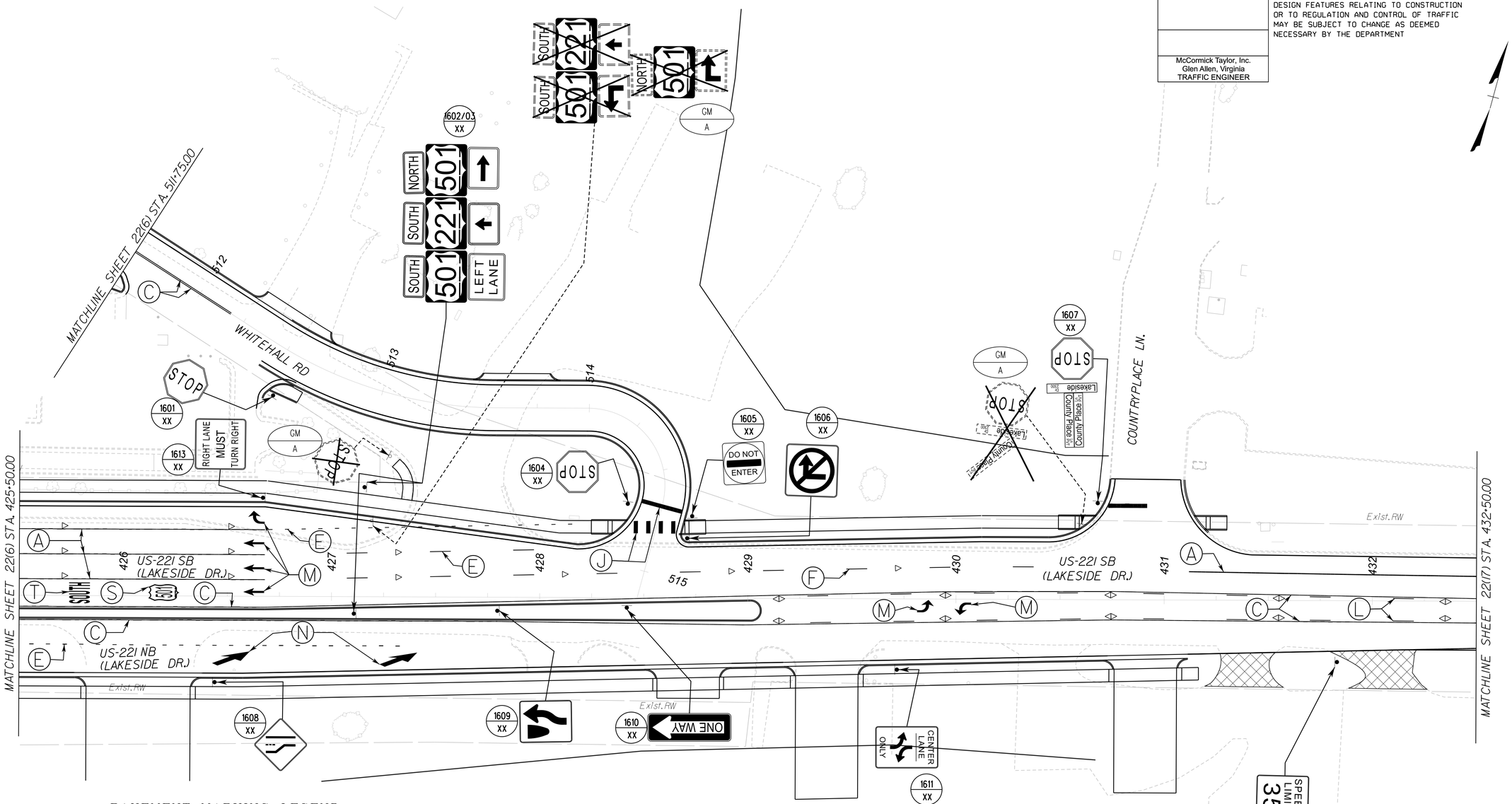
PH PLANS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(16)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER



PAVEMENT MARKING LEGEND

- (A) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH
- (B) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.6" WIDTH
- (C) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH
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- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW.TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B.CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B.CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B.CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B.CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	16
US-501N Profile	16A
ESC Plan	16B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(16)

8/19/2026
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Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(17)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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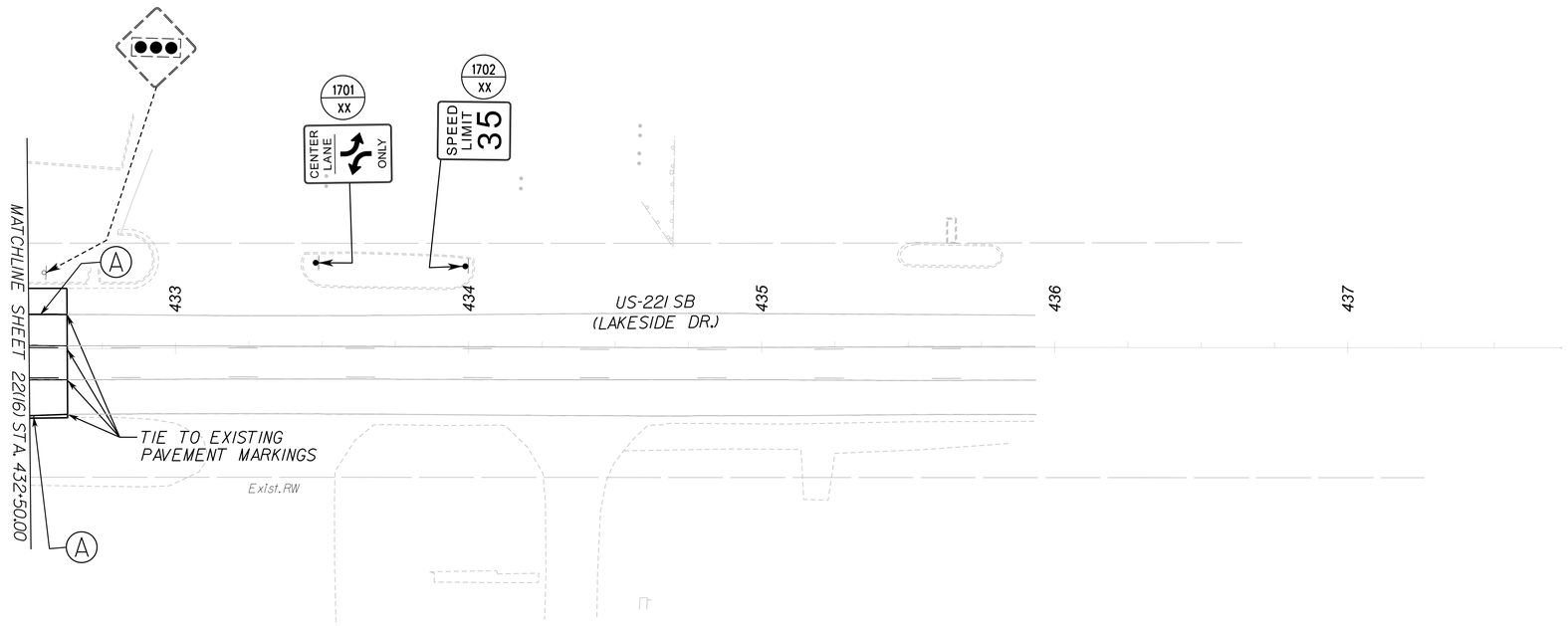
PH PLANS



PAVEMENT MARKING LEGEND

- (A) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH
- (B) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.6" WIDTH
- (C) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH
- (D) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.6" WIDTH
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- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B.CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B.CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	17
US-501N Profile	17A
ESC Plan	17B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(17)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(18)

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

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

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

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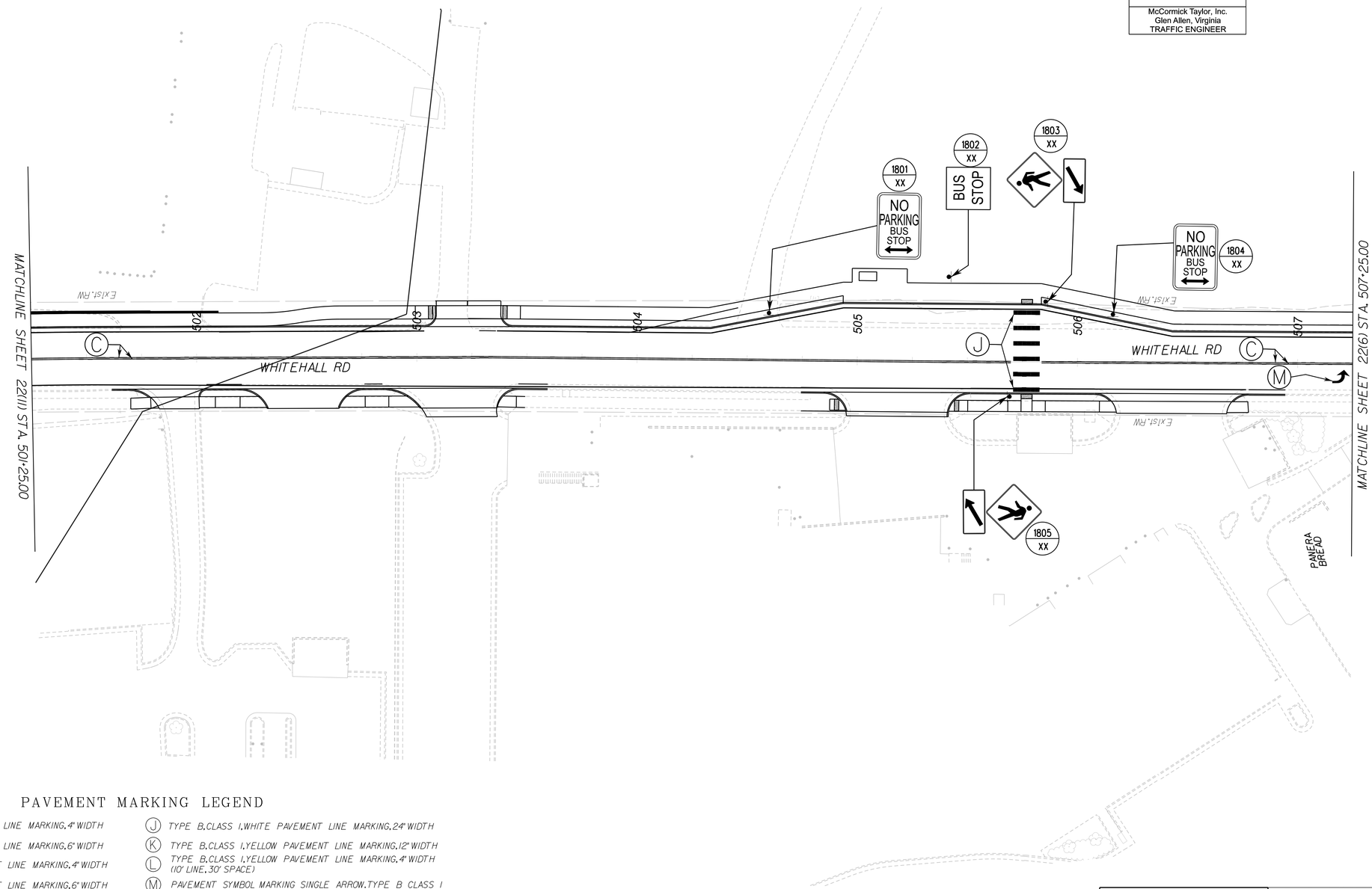
PH PLANS



PAVEMENT MARKING LEGEND

- (A) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH
- (B) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.6" WIDTH
- (C) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH
- (D) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.6" WIDTH
- (E) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (2' LINE.6' SPACE)
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- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B.CLASS I
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- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B.CLASS I

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	2D(1)-2D(4)
US-501N Plan	18
US-501N Profile	18A
ESC Plan	18B

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(18)

8/19/2026
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Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	22(19)

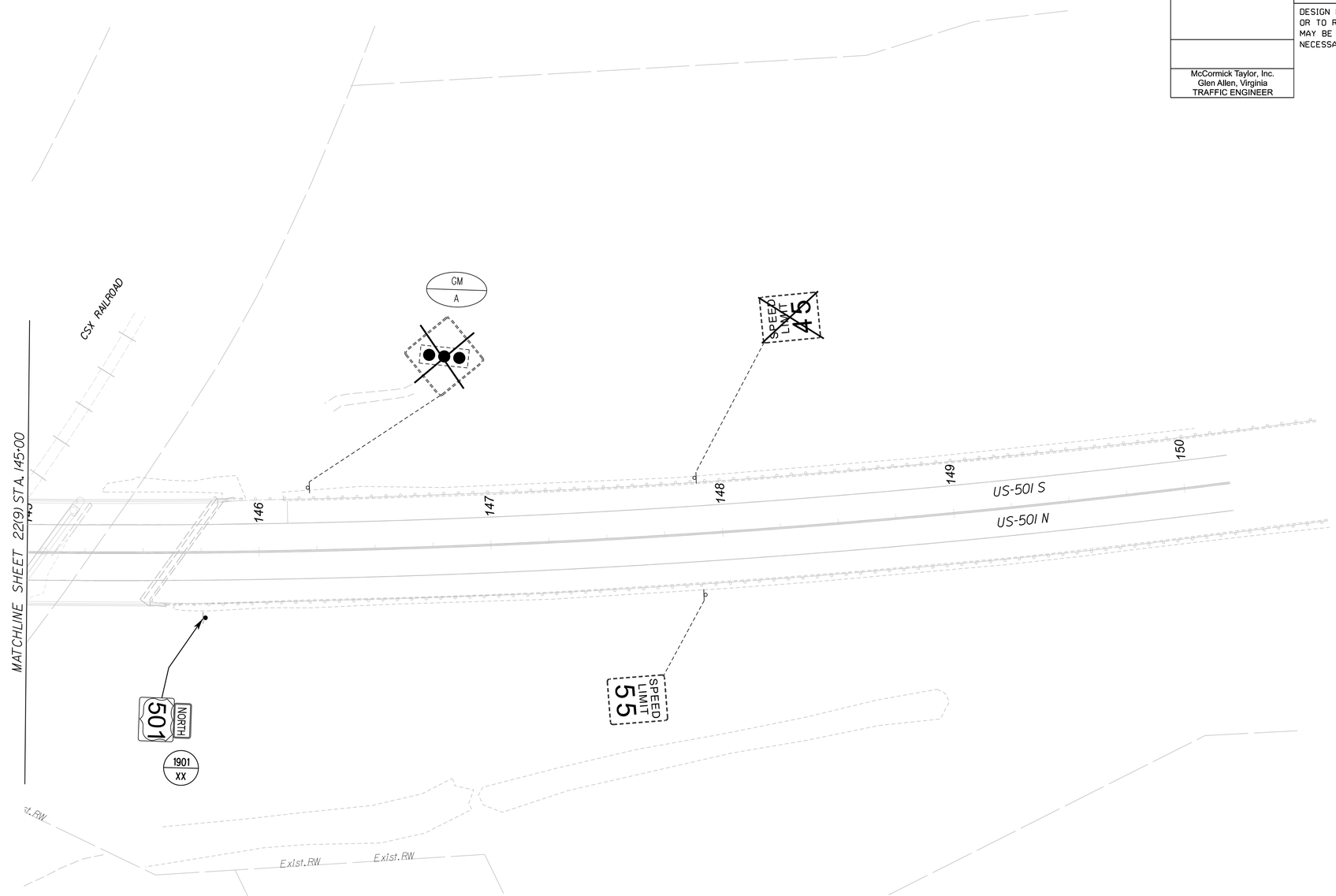
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

McCormick Taylor, Inc.
Glen Allen, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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



PAVEMENT MARKING LEGEND

- (A) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH
- (B) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.6" WIDTH
- (C) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH
- (D) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.6" WIDTH
- (E) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (2' LINE.6' SPACE)
- (F) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.4" WIDTH (10' LINE.30' SPACE)
- (G) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.24" WIDTH
- (H) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.12" WIDTH
- (J) TYPE B.CLASS I.WHITE PAVEMENT LINE MARKING.24" WIDTH
- (K) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.12" WIDTH
- (L) TYPE B.CLASS I.YELLOW PAVEMENT LINE MARKING.4" WIDTH (10' LINE.30' SPACE)
- (M) PAVEMENT SYMBOL MARKING SINGLE ARROW.TYPE B CLASS I
- (N) PAVEMENT SYMBOL MARKING LANE REDUCTION ARROW.TYPE B CLASS I
- (P) PAVEMENT SYMBOL MARKING (DOUBLE TURN ARROW THRU/LT OR RT) TYPE B.CLASS I
- (R) PAVEMENT SYMBOL MARKING (ONLY) TYPE B.CLASS I
- (S) PAVEMENT SYMBOL MARKING (SHIELD) TYPE B.CLASS I
- (T) PAVEMENT SYMBOL MARKING (SOUTH) TYPE B.CLASS I

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

Drainage Descr. 2D(1)-2D(4)

TRAFFIC CONTROL DEVICE PLANS
SIGNING & PAVEMENT MARKING PLANS

CITY OF LYNCHBURG, VA

SCALE 0 25' 50'

PROJECT	SHEET NO.
U000-118-286	22(19)

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

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PH PLANS

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	23(1)

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

McCormick Taylor, Inc.
Verona, Virginia
TRAFFIC ENGINEER

STANDARD TRAFFIC SIGNAL LEGEND

PLAN ITEM		PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Metal Signal Pole & Foundation and Mast Arm (As noted In Signal Pole Legend)			
Pedestal Pole and Foundation (St'd.PF-2)			
Pedestal Pole and Foundation (St'd.PA-3)			
Traffic Signal Head	w/ Backplate		
	w/o Backplate		
Pedestrian Signal Head			
Pedestrian Pushbutton & Sign		P.B.	P.B.
Traffic Signal Sign	Mast Arm or Span Wire Mt'd.		
	Pole Mounted		E
Emergency Vehicle Pre-emption (EVP) Sensor			
	w/ Conf.Light		
	w/o Conf.Light		
Video Detection Camera			
Junction Box (St'd.as noted on plans)			J
Signal Luminaire (250 W) and Arm			
Signal Luminaire (400 W) and Arm			
Loop Detector (Size as noted on plans)		6' x 20'	6' x 20'
Video Detection Zone (Size as noted on plans)		VDZ 6' x 20'	VDZ 6' x 20'
Conduit			

PLAN ITEM		PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Electrical Service Meter		SM	SM
Electrical Service Safety Switch (Disconnect)		SD	SD
Controller Cabinet	Ground Mounted	C	C
	Pole Mounted	C	C
Master Controller Cabinet	Ground Mounted	MC	MC
	Pole Mounted	MC	MC
Controller Cabinet & Foundation	Std.CF-1	C 1	C 1
	Std.CF-3	C 3	C 3
	Std.CF-4	C 4	C 4
Master Controller Cabinet & Foundation	Std.CF-1	MC 1	MC 1
	Std.CF-3	MC 3	MC 3
	Std.CF-4	MC 4	MC 4
Uninterruptible Power Supply Cabinet		UPS	UPS

LABELS

Signal Pole or Controller	A	Proposed Signal Head	2	Signal Phasing	Ø2	Sign	S-1
Cable and Conduit	A	Existing Signal Head	2	Pedestrian Phasing	P2	Video Detection Camera	VDC-1
Junction Box	S3	Proposed Pedestrian Signal Head	P2			Emergency Preemption Detector	EVP-1
		Existing Pedestrian Signal Head	P2				

INDEX OF SHEETS

Sheet No.:	Sheet Description:
23(1)	Index of Sheets, General Notes & Legend
23(2)	Summary of Quantities
23(3)	Traffic Signal Plan - Route 221 & Route 501 SB
23(4)	Traffic Signal Plan - Route 221 & Route 501 NB

TRAFFIC CONTROL DEVICE PLANS

TRAFFIC SIGNAL PLAN
INDEX OF SHEETS, GENERAL NOTES & LEGENDS

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	23(1)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	23(2)

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

McCormick Taylor, Inc.
Verona, Virginia
TRAFFIC ENGINEER

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PH PLANS

SUMMARY OF QUANTITIES

Int. No.	Intersection	TCD Discipline																																	
		Summary Notes																																	
		Item Description																																	
		ITEM NO. / UNIT / SHEET NO.																																	
		TOTAL																																	

SUMMARY NOTES

TRAFFIC CONTROL DEVICE PLANS
TRAFFIC SIGNAL
SUMMARY OF QUANTITIES

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	23(2)

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Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	23(3)

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

McCormick Taylor, Inc.
Verona, Virginia
TRAFFIC ENGINEER

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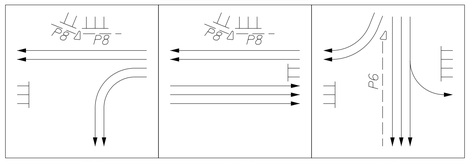
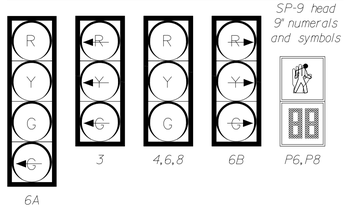
PH PLANS

PHASING DIAGRAM

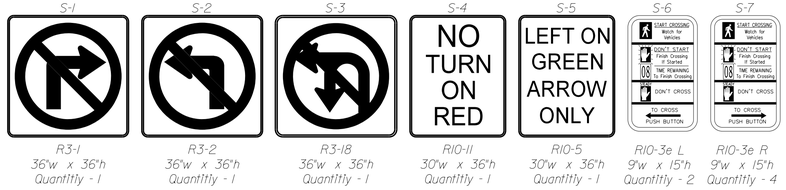


EMERGENCY PHASING DIAGRAM

PROPOSED SIGNAL HEADS



PROPOSED REGULATORY SIGNS



S-1	S-2	S-3	S-4	S-5	S-6	S-7
R3-1	R3-2	R3-18	R10-11	R10-5	R10-3e L	R10-3e R
36"w x 36"h	36"w x 36"h	36"w x 36"h	30"w x 36"h	30"w x 36"h	9"w x 15"h	9"w x 15"h
Quantitly - 1	Quantitly - 1	Quantitly - 1	Quantitly - 1	Quantitly - 1	Quantitly - 2	Quantitly - 4

PROPOSED GUIDE SIGNS

S-8

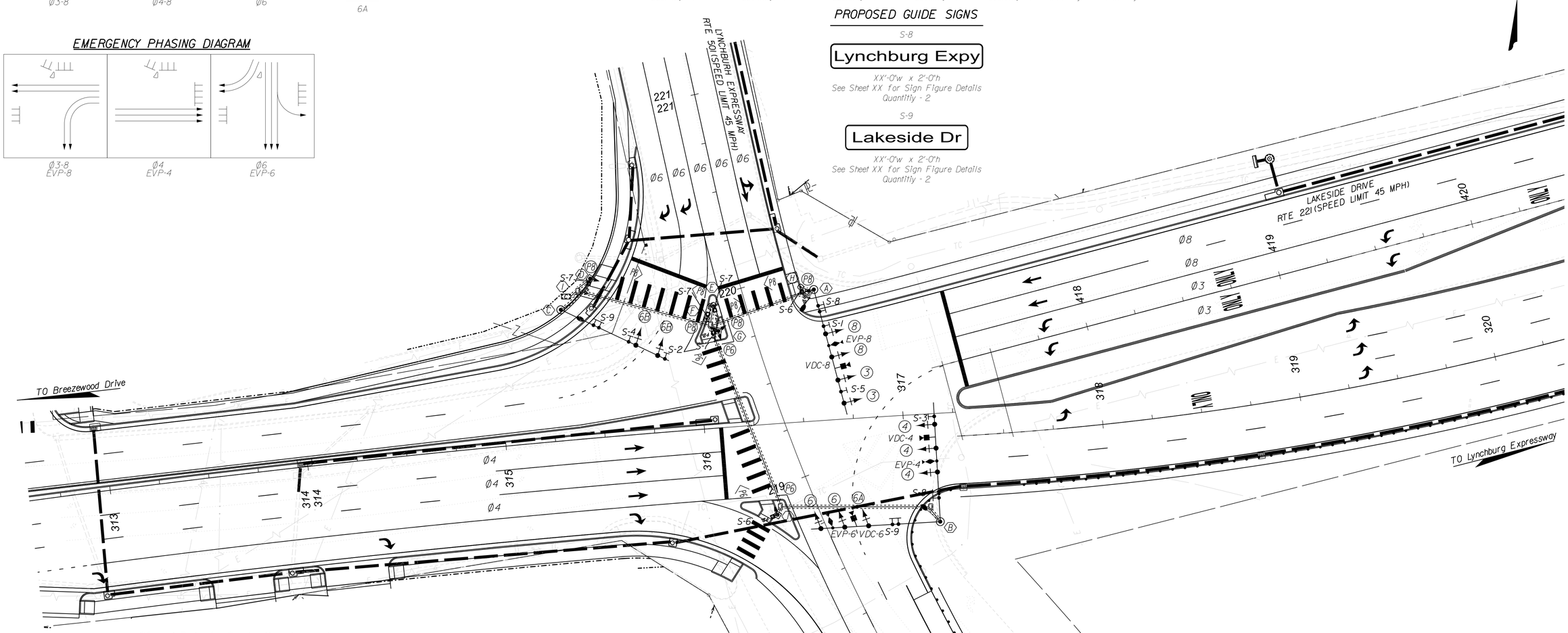
Lynchburg Expy

XX'-0"w x 2'-0"h
See Sheet XX for Sign Figure Details
Quantitly - 2

S-9

Lakeside Dr

XX'-0"w x 2'-0"h
See Sheet XX for Sign Figure Details
Quantitly - 2



Signal Pole & Controller Legend

(ALL DIMENSIONS ARE TO CENTER OF POLE)

(I) CONTROLLER CABINET AND FOUNDATION (CF-4)

(A) SIGNAL MAST ARM POLE MP-3, TYPE E1
40.7' Left of Station 416+77 Route 221 SB Centerline
65' Arm 0' Route 221 SB Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
45' Route 221 SB Centerline

(B) SIGNAL MAST ARM POLE MP-3, TYPE F
54.4' Right of Station 317+15 Route 221 NB Centerline
60' Arm 0' Route 221 NB Centerline
65' Arm 90' Route 221 NB Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
45' Route 221 NB Centerline

(C) SIGNAL MAST ARM POLE MP-3, TYPE E1
55.7' Left of Station 415+41 Route 221 SB Centerline
60' Arm 55' Route 221 SB Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
55' Route 221 SB Centerline

(D) PEDESTAL POLE PF-2 12'

(E) PEDESTRIAN ACTUATION (PA-4)

(F) PEDESTRIAN ACTUATION (PA-4)

(G) PEDESTAL POLE PF-2 12'

(H) PEDESTRIAN ACTUATION (PA-4)

(I) PEDESTRIAN ACTUATION (PA-4)

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

Mainline Profile XX

Drainage Descr.

TRAFFIC CONTROL DEVICE PLANS

TRAFFIC SIGNAL PLAN

ROUTE 221 (LAKESIDE DRIVE) &
ROUTE 501 SB (LYNCHBURG EXPRESSWAY)

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	23(3)

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Plotted By: cjturner

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	23(4)

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

McCormick Taylor, Inc.
Verona, Virginia
TRAFFIC ENGINEER

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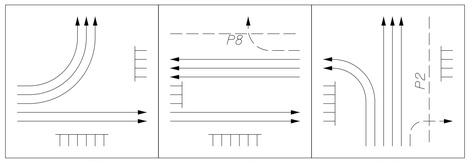
PH PLANS

PHASING DIAGRAM



EMERGENCY PHASING DIAGRAM

PROPOSED REGULATORY SIGNS

S-1	S-2	S-3	S-4	S-5	S-6
R3-1	R3-18	R3-5R	R10-5	R10-3e L	R10-3e R
36"w x 36"h	36"w x 36"h	30"w x 36"h	30"w x 36"h	9"w x 15"h	9"w x 15"h
Quantitly - 1	Quantitly - 1	Quantitly - 2	Quantitly - 3	Quantitly - 1	Quantitly - 3

PROPOSED GUIDE SIGNS

S-7

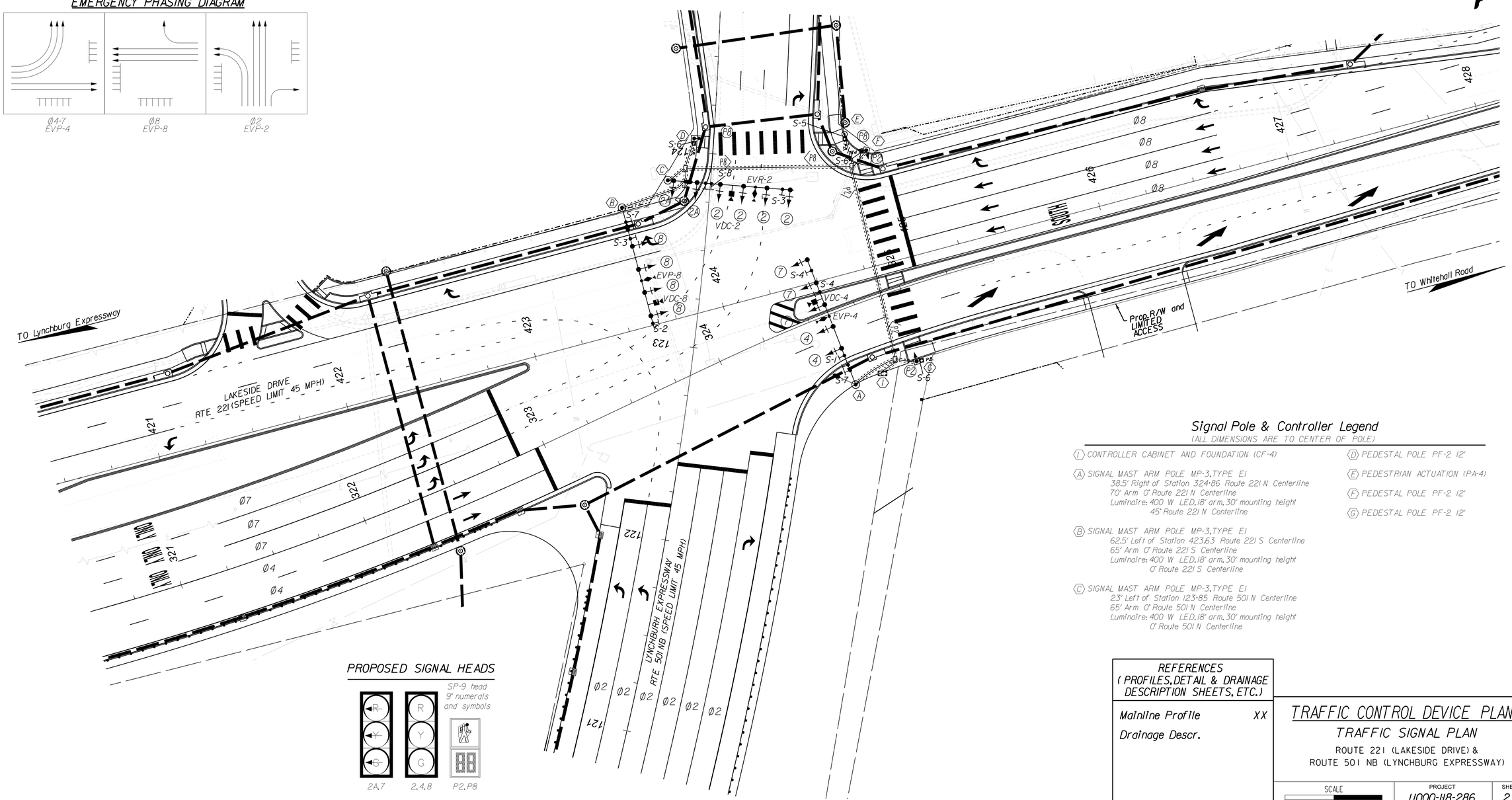
Lynchburg Expy

XX"-0"w x 2'-0"h
See Sheet XX for Sign Figure Details
Quantitly - 2

S-8

Lakeside Dr

XX"-0"w x 2'-0"h
See Sheet XX for Sign Figure Details
Quantitly - 1



Signal Pole & Controller Legend

(ALL DIMENSIONS ARE TO CENTER OF POLE)

(I) CONTROLLER CABINET AND FOUNDATION (CF-4)

(A) SIGNAL MAST ARM POLE MP-3, TYPE E1
38.5' Right of Station 324+86 Route 221 N Centerline
70' Arm 0' Route 221 N Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
45' Route 221 N Centerline

(B) SIGNAL MAST ARM POLE MP-3, TYPE E1
62.5' Left of Station 423.63 Route 221 S Centerline
65' Arm 0' Route 221 S Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
0' Route 221 S Centerline

(C) SIGNAL MAST ARM POLE MP-3, TYPE E1
23' Left of Station 123+85 Route 501 N Centerline
65' Arm 0' Route 501 N Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
0' Route 501 N Centerline

(D) PEDESTAL POLE PF-2 12'

(E) PEDESTRIAN ACTUATION (PA-4)

(F) PEDESTAL POLE PF-2 12'

(G) PEDESTAL POLE PF-2 12'

PROPOSED SIGNAL HEADS

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Mainline Profile	XX
Drainage Descr.	

TRAFFIC CONTROL DEVICE PLANS

TRAFFIC SIGNAL PLAN

ROUTE 221 (LAKESIDE DRIVE) &
ROUTE 501 NB (LYNCHBURG EXPRESSWAY)

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	23(4)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	23(1)

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McCormick Taylor, Inc.
Verona, Virginia
TRAFFIC ENGINEER

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PH PLANS

STANDARD TRAFFIC SIGNAL LEGEND

PLAN ITEM		PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Metal Signal Pole & Foundation and Mast Arm (As noted in Signal Pole Legend)			
Pedestal Pole and Foundation (St'd.PF-2)			
Pedestal Pole and Foundation (St'd.PA-3)			
Traffic Signal Head	w/ Backplate		
	w/o Backplate		
Pedestrian Signal Head			
Pedestrian Pushbutton & Sign		P.B.	P.B.
Traffic Signal Sign	Mast Arm or Span Wire Mt'd.		
	Pole Mounted		E
Emergency Vehicle Pre-emption (EVP) Sensor			
	w/ Conf.Light		
	w/o Conf.Light		
Video Detection Camera			
Junction Box (St'd.as noted on plans)			J
Signal Luminaire (250 W) and Arm			
Signal Luminaire (400 W) and Arm			
Loop Detector (Size as noted on plans)		6' x 20'	6' x 20'
Video Detection Zone (Size as noted on plans)		VDZ 6' x 20'	VDZ 6' x 20'
Conduit			

PLAN ITEM		PLAN SYMBOL PROPOSED	PLAN SYMBOL EXISTING
Electrical Service Meter		SM	SM
Electrical Service Safety Switch (Disconnect)		SD	SD
Controller Cabinet	Ground Mounted	C	C
	Pole Mounted	C	C
Master Controller Cabinet	Ground Mounted	MC	MC
	Pole Mounted	MC	MC
Controller Cabinet & Foundation	Std.CF-1	C 1	C 1
	Std.CF-3	C 3	C 3
	Std.CF-4	C 4	C 4
Master Controller Cabinet & Foundation	Std.CF-1	MC 1	MC 1
	Std.CF-3	MC 3	MC 3
	Std.CF-4	MC 4	MC 4
Uninterruptible Power Supply Cabinet		UPS	UPS

LABELS

Signal Pole or Controller	A	Proposed Signal Head	2	Signal Phasing	Ø2	Sign	S-1
Cable and Conduit	A	Existing Signal Head	2	Pedestrian Phasing	P2	Video Detection Camera	VDC-1
Junction Box	S3	Proposed Pedestrian Signal Head	P2			Emergency Preemption Detector	EVP-1
		Existing Pedestrian Signal Head	P2				

INDEX OF SHEETS

Sheet No.:	Sheet Description:
23(1)	Index of Sheets, General Notes & Legend
23(2)	Summary of Quantities
23(3)	Traffic Signal Plan - Route 221 & Route 501 SB
23(4)	Traffic Signal Plan - Route 221 & Route 501 NB

TRAFFIC CONTROL DEVICE PLANS

TRAFFIC SIGNAL PLAN
INDEX OF SHEETS, GENERAL NOTES & LEGENDS

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	23(1)

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	23(2)

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Verona, Virginia
TRAFFIC ENGINEER

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PH PLANS

SUMMARY OF QUANTITIES

Int. No.	Intersection / TCD Discipline / Summary Notes / Item Description / ITEM NO. / UNIT / SHEET NO.																																		
	TOTAL																																		

SUMMARY NOTES

TRAFFIC CONTROL DEVICE PLANS
TRAFFIC SIGNAL
SUMMARY OF QUANTITIES

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	23(2)

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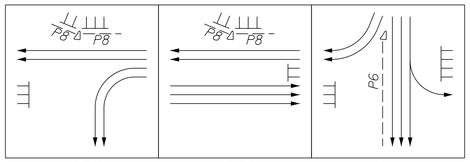
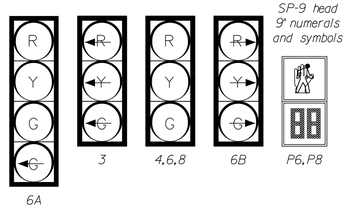
PHASING DIAGRAM

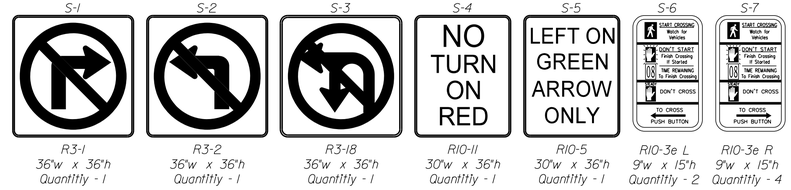


EMERGENCY PHASING DIAGRAM

PROPOSED SIGNAL HEADS



PROPOSED REGULATORY SIGNS



S-1	S-2	S-3	S-4	S-5	S-6	S-7
R3-1	R3-2	R3-18	R10-11	R10-5	R10-3e L	R10-3e R
36"w x 36"h	36"w x 36"h	36"w x 36"h	30"w x 36"h	30"w x 36"h	9"w x 15"h	9"w x 15"h
Quantitly - 1	Quantitly - 1	Quantitly - 1	Quantitly - 1	Quantitly - 1	Quantitly - 2	Quantitly - 4

PROPOSED GUIDE SIGNS

S-8

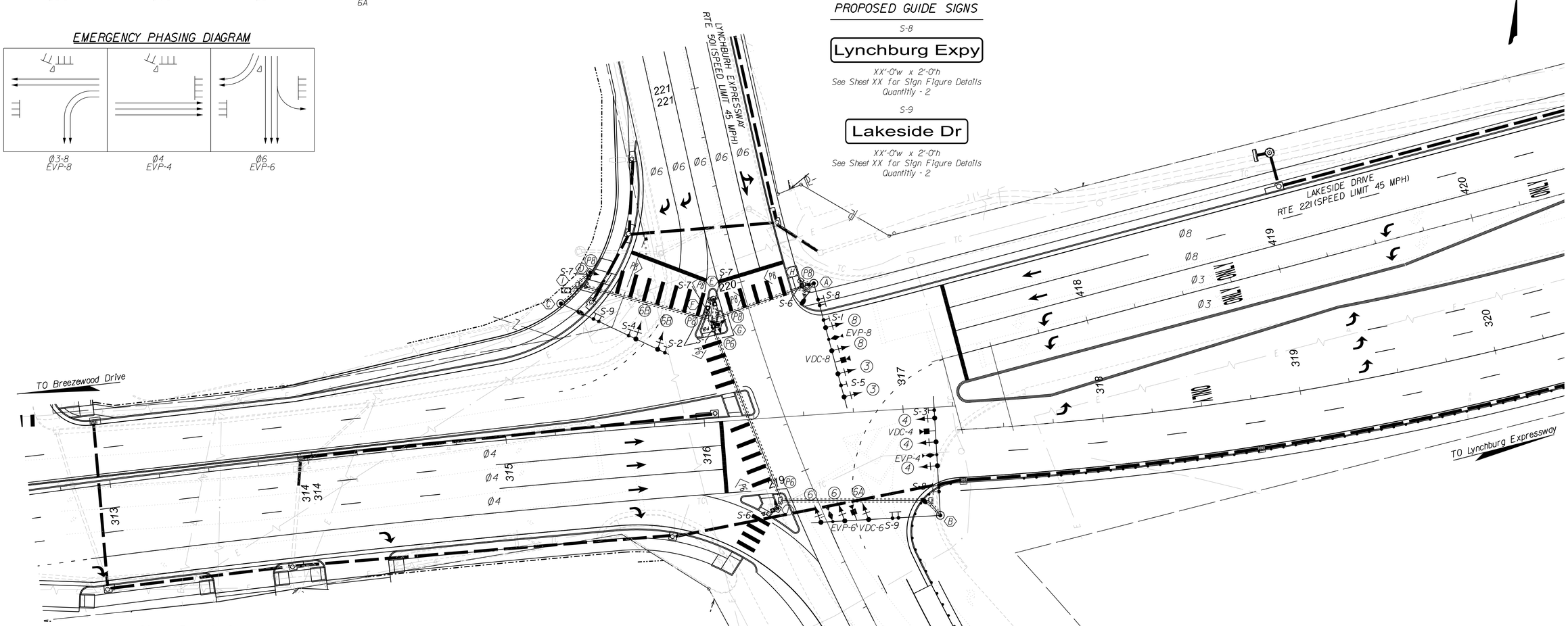
Lynchburg Expy

XX'-0"w x 2'-0"h
See Sheet XX for Sign Figure Details
Quantitly - 2

S-9

Lakeside Dr

XX'-0"w x 2'-0"h
See Sheet XX for Sign Figure Details
Quantitly - 2



Signal Pole & Controller Legend

(ALL DIMENSIONS ARE TO CENTER OF POLE)

(I) CONTROLLER CABINET AND FOUNDATION (CF-4)

(A) SIGNAL MAST ARM POLE MP-3, TYPE E1
40.7' Left of Station 416+77 Route 221 SB Centerline
65' Arm 0' Route 221 SB Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
45' Route 221 SB Centerline

(B) SIGNAL MAST ARM POLE MP-3, TYPE F
54.4' Right of Station 317+15 Route 221 NB Centerline
60' Arm 0' Route 221 NB Centerline
65' Arm 90' Route 221 NB Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
45' Route 221 NB Centerline

(C) SIGNAL MAST ARM POLE MP-3, TYPE E1
55.7' Left of Station 415+41 Route 221 SB Centerline
60' Arm 55' Route 221 SB Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
55' Route 221 SB Centerline

(D) PEDESTAL POLE PF-2 12'

(E) PEDESTRIAN ACTUATION (PA-4)

(F) PEDESTRIAN ACTUATION (PA-4)

(G) PEDESTAL POLE PF-2 12'

(H) PEDESTRIAN ACTUATION (PA-4)

(I) PEDESTRIAN ACTUATION (PA-4)

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

Mainline Profile XX

Drainage Descr.

TRAFFIC CONTROL DEVICE PLANS

TRAFFIC SIGNAL PLAN

ROUTE 221 (LAKESIDE DRIVE) &
ROUTE 501 SB (LYNCHBURG EXPRESSWAY)

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	23(3)

8/19/2026
3:21:32 PM

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Plotted By: DAG

PROJECT MANAGER Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE Precision Measurements, Inc. (804) 340-5229
DESIGN BY McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	23(4)

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

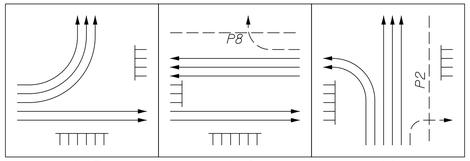
McCormick Taylor, Inc.
Verona, Virginia
TRAFFIC ENGINEER

ADDITIONAL EASEMENT 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

PHASING DIAGRAM



EMERGENCY PHASING DIAGRAM

PROPOSED REGULATORY SIGNS

S-1	S-2	S-3	S-4	S-5	S-6
R3-1	R3-18	R3-5R	R10-5	R10-3e L	R10-3e R
36"w x 36"h	36"w x 36"h	30"w x 36"h	30"w x 36"h	9"w x 15"h	9"w x 15"h
Quantitly - 1	Quantitly - 1	Quantitly - 2	Quantitly - 3	Quantitly - 1	Quantitly - 3

PROPOSED GUIDE SIGNS

S-7

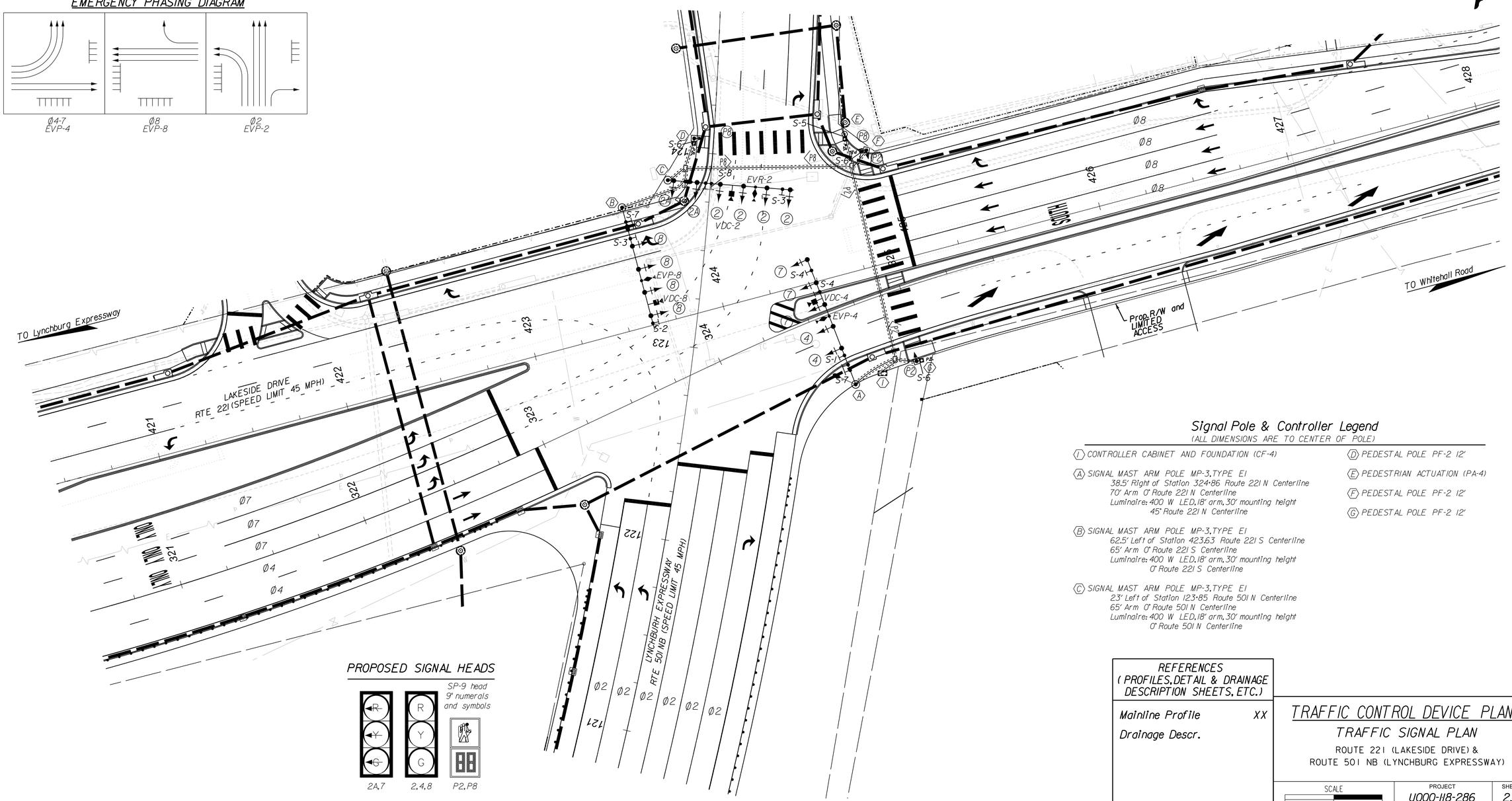
Lynchburg Expy

XX'-0"w x 2'-0"h
See Sheet XX for Sign Figure Details
Quantitly - 2

S-8

Lakeside Dr

XX'-0"w x 2'-0"h
See Sheet XX for Sign Figure Details
Quantitly - 1



Signal Pole & Controller Legend

(ALL DIMENSIONS ARE TO CENTER OF POLE)

(I) CONTROLLER CABINET AND FOUNDATION (CF-4)

(A) SIGNAL MAST ARM POLE MP-3, TYPE E1
38.5' Right of Station 324+86 Route 221 N Centerline
70' Arm 0' Route 221 N Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
45' Route 221 N Centerline

(B) SIGNAL MAST ARM POLE MP-3, TYPE E1
62.5' Left of Station 423+63 Route 221 S Centerline
65' Arm 0' Route 221 S Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
0' Route 221 S Centerline

(C) SIGNAL MAST ARM POLE MP-3, TYPE E1
23' Left of Station 123+85 Route 501 N Centerline
65' Arm 0' Route 501 N Centerline
Luminaire: 400 W LED, 18' arm, 30' mounting height
0' Route 501 N Centerline

(D) PEDESTAL POLE PF-2 12'

(E) PEDESTRIAN ACTUATION (PA-4)

(F) PEDESTAL POLE PF-2 12'

(G) PEDESTAL POLE PF-2 12'

PROPOSED SIGNAL HEADS

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Mainline Profile	XX
Drainage Descr.	

TRAFFIC CONTROL DEVICE PLANS

TRAFFIC SIGNAL PLAN

ROUTE 221 (LAKESIDE DRIVE) &
ROUTE 501 NB (LYNCHBURG EXPRESSWAY)

SCALE	PROJECT	SHEET NO.
0 25' 50'	U000-118-286	23(4)

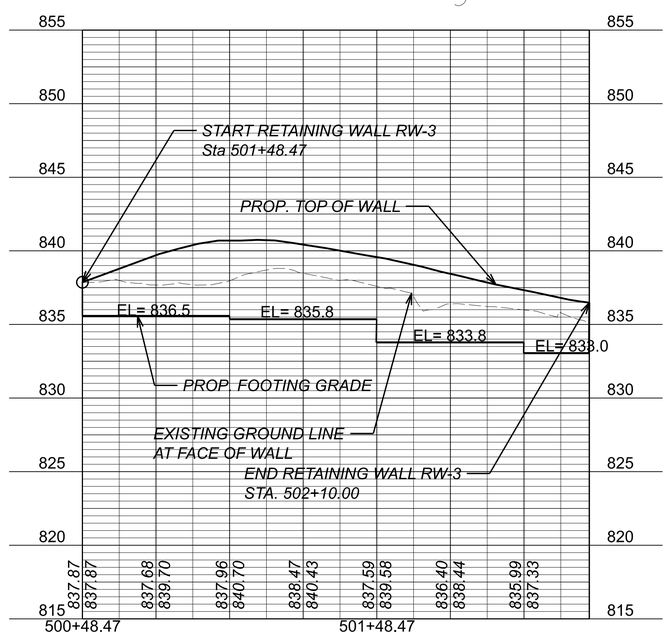
PROJECT MANAGER Brandon Steele (804) 716-4292
SURVEYED BY, DATE Perkins & Orrison (434) 525-5985
DESIGN BY McCormick Taylor (540) 248-0382
SUBSURFACE UTILITY BY, DATE N/A

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	-	U000-118-R41 C501	29(1)

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

McCormick Taylor Glen Allen, Virginia HYDRAULIC ENGINEER	McCormick Taylor Glen Allen, Virginia ROADWAY ENGINEER

White Hall Retaining Wall



V=1":5' H=1":25'	PROJECT U000-118-R41	SHEET NO. 29(1)

PROJECT MANAGER _ Dee Dee Conner, P.E. (434) 455-3929
SURVEYED BY, DATE _ Precision Measurements, Inc. (804) 340-5229
DESIGN BY _ McCormick Taylor, Inc. (540) 248-0382
SUBSURFACE UTILITY BY, DATE

McCormick Taylor Verona, Virginia HYDRAULIC ENGINEER	McCormick Taylor Verona, Virginia Roadway Engineer

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	US 501/ US 221	U000-118-286	29(2)

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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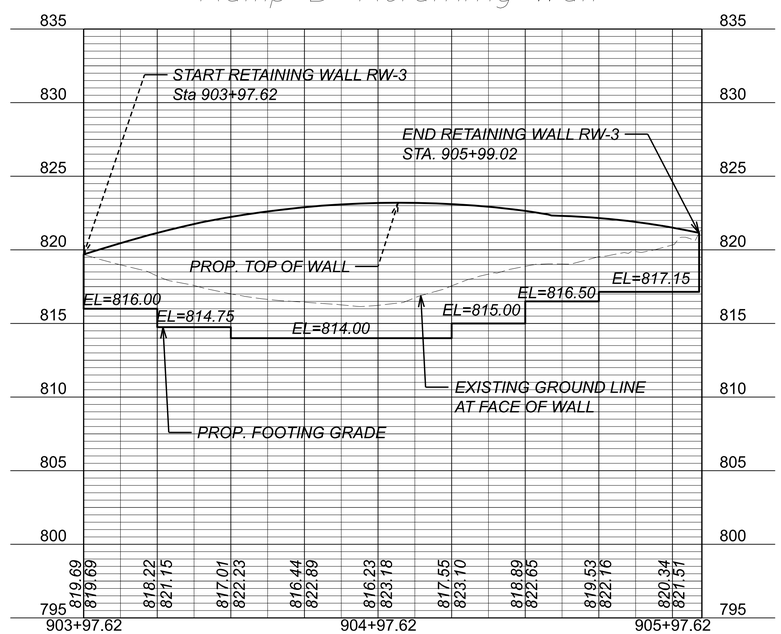
PHI PLANS

1 Ramp D RW
Ramp D RW 1"=20'

Ramp D Retaining Wall



V=1":5' H=1":25'	PROJECT U000-118-286	SHEET NO. 29(2)