

FOR INDEX OF SHEETS SEE SHEET 1A

THIS PROJECT WAS DEVELOPED UTILIZING THE DEPARTMENT'S ENGINEERING DESIGN PACKAGE (GEOPAK).
GEOPAK Computer Identification No. 109309



COMMONWEALTH OF VIRGINIA



PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

CITY OF FAIRFAX, VIRGINIA
UNIVERSITY DRIVE EXTENSION
FROM: ROUTE 29 (FAIRFAX BLVD.)
TO: 0.142 MILES NORTH OF ROUTE 29 (FAIRFAX BLVD.)

FHWA-534-21001

STATE	FEDERAL AID PROJECT		STATE PROJECT		SHEET NO.
	PROJECT	ROUTE	PROJECT		
V.A.	STP-5A01(763)	9999	U000-151-198	SEE TABULATIONS BELOW FOR SECTION NUMBERS	1

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA	
URBAN COLLECTOR (GS-7) - 25 MPH DESIGN SPEED	
	Fr: 0.006 MI. NORTH OF US ROUTE 29 (FAIRFAX BLVD.) To: 0.166 MI. NORTH OF US ROUTE 29 (FAIRFAX BLVD.)
ADT (2019)	4,000
ADT (2039)	4,880
DHV	380
D (%) (design hour)	55%
T (%) (design hour)	2%
V (MPH)	25

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

MINI ROUNDABOUT DESIGN	
INSCRIBED DIAMETER	90'
LANES	SINGLE LANE
OPERATING SPEED	20MPH

PUBLIC HEARING PLANS

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

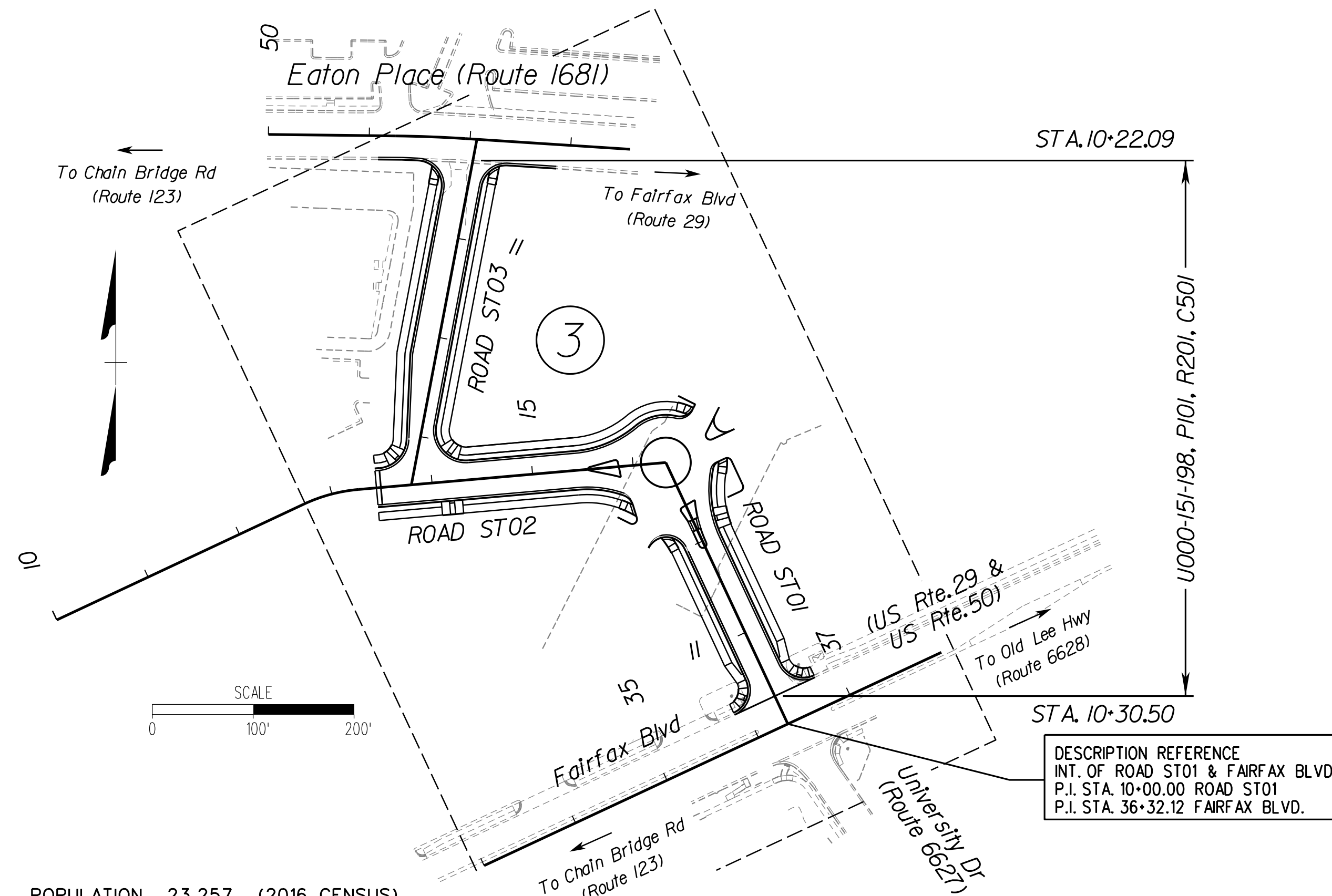
PROJECT MANAGER: WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
SURVEYED BY, DATE: TIMMONS GROUP (804) 200-6500, 03/2018
DESIGN BY: TIMMONS GROUP (804) 200-6500
SUBSURFACE UTILITY BY, DATE: TIMMONS GROUP (804) 200-6500, 03/2018

THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY AS AWARDED, INCLUDING ALL SUBSEQUENT REVISIONS, WILL BE THE OFFICIAL CONSTRUCTION PLANS. FOR INFORMATION RELATIVE TO ELECTRONIC FILES AND LAYERED PLANS, SEE GENERAL NOTES.

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

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

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POPULATION 23,257 (2016 CENSUS)

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	PPMS NO.	LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		TYPE PROJECT	DESCRIPTION
					FEET	MILES	FEET	MILES		
U000-151-198	P101	STP-5A01(763)	PENG	109309	876.97	0.166	876.97	0.166	PREL. ENGR.	Fr: 0.006 MI. NORTH OF US RTE. 29 (FAIRFAX BLVD.) To: 0.166 MI. NORTH OF US RTE. 29 (FAIRFAX BLVD.)
	R201	STP-5A01(763)	ROW	109309	876.97	0.166	876.97	0.166	RIGHT OF WAY	Fr: 0.006 MI. NORTH OF US RTE. 29 (FAIRFAX BLVD.) To: 0.166 MI. NORTH OF US RTE. 29 (FAIRFAX BLVD.)
	C501	STP-5A01(763)	CONSTR	109309	876.97	0.166	876.97	0.166	CONSTRUCTION	Fr: 0.006 MI. NORTH OF US RTE. 29 (FAIRFAX BLVD.) To: 0.166 MI. NORTH OF US RTE. 29 (FAIRFAX BLVD.)

NOTE: PROJECT LENGTH BASED ON CONSTRUCTION BASELINE

CONVENTIONAL SIGNS

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

TIER 1 PROJECT

LOCALLY ADMINISTERED PROJECTS	
NAME OF LOCALITY	
(SIGNATURE)	
NAME OF RESPONSIBLE LOCAL GOVERNMENT OFFICIAL (TYPED)	
RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION	
DATE	TITLE OF POSITION
(SIGNATURE)	
NAME OF RESPONSIBLE LOCAL GOVERNMENT OFFICIAL (TYPED)	
RECOMMENDED FOR APPROVAL FOR CONSTRUCTION	
DATE	TITLE OF POSITION

RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION	
DATE	DISTRICT PLANNING AND INVESTMENT MANAGER
DATE	DISTRICT PROJECT DEVELOPMENT ENGINEER
APPROVED FOR RIGHT OF WAY ACQUISITION	
DATE	DISTRICT ENGINEER/ADMINISTRATOR

RECOMMENDED FOR APPROVAL FOR CONSTRUCTION	
DATE	DISTRICT PLANNING AND INVESTMENT MANAGER
DATE	DISTRICT PROJECT DEVELOPMENT ENGINEER
APPROVED FOR CONSTRUCTION	
DATE	DISTRICT ENGINEER/ADMINISTRATOR

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PROJECT MANAGER WENDY BLOCK, SANFORD (CITY OF FAIRFAX), (703) 385-7889
 SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017
 DESIGN BY TIMMONS GROUP (804) 200-6500
 SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017

PUBLIC HEARING PLANS

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

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198 P101	1A

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

INDEX OF SHEETS

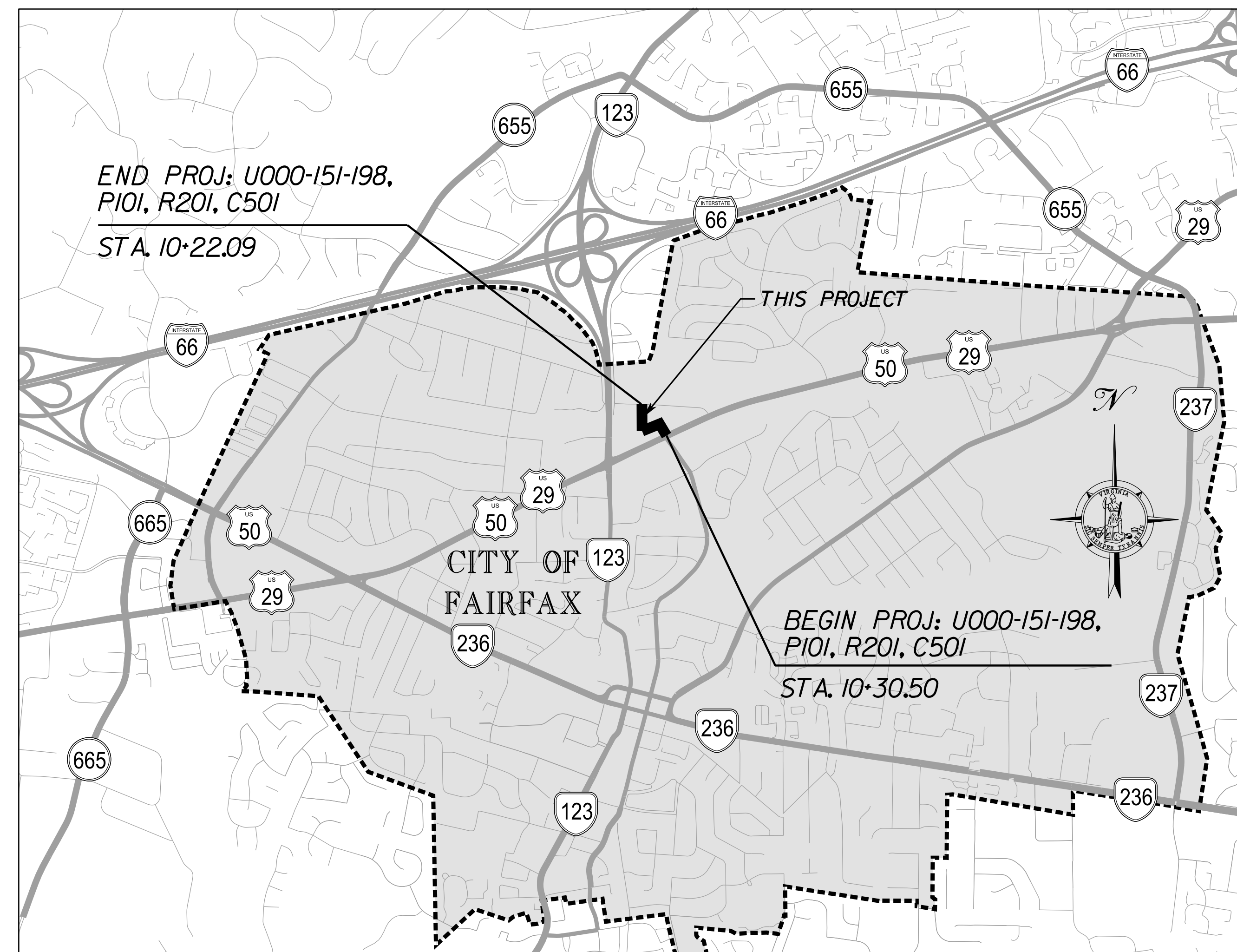
SHEET NO.1	TITLE SHEET
SHEET NO.1A	INDEX AND PROJECT LOCATION MAP
SHEET NO.1B	RIGHT OF WAY DATA SHEET
SHEET NO.1C	REVISION DATA SHEET
SHEET NO.1D	SURVEY DATA SHEETS
SHEET NO.1E - IF	HORIZONTAL ALIGNMENT DATA SHEETS
SHEET NO.1G	EXISTING CONDITIONS SHEET
SHEET NO.1H	UNDERGROUND UTILITY TEST HOLE INFORMATION SHEET*
SHEET NO.1J	TMP / MOT PLANS
SHEET NO.2	GENERAL NOTES
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SHEET NO.4	DRAINAGE DESCRIPTIONS
SHEET NO.4A	STORM SEWER PROFILES*
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SHEET NO.6(3)	TRAFFIC SIGNAL MODIFICATION PLAN

* INDICATES SHEETS INTENTIONALLY OMITTED AND TO BE INCLUDED WITH FUTURE SUBMISSIONS.

** Total Cross Section Sheets: 10 (See cross section sheet number 1 for Index of Cross Sections)

LOCATION MAP

CITY OF FAIRFAX, VIRGINIA
UNIVERSITY DRIVE
Not To Scale



PROJECT MANAGER WENDY BLOCK, SANFORD (CITY OF FAIRFAX), (703) 385-7889
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	VA.	9999		U000-151-198 P101	
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Timmons Group Richmond, Virginia LAND SURVEYOR					

PRELIMINARY RIGHT OF WAY DATA SHEET

PARCEL NO.	LANDOWNER	TAX PARCEL ID	SHEET NO.	AREA									
				TOTAL	FEE TAKING	FEE REMAINDER	EASEMENTS					PROFFER	
							UTILITY		PERMANENT		TEMPORARY		
							PUBLIC	OTHER	DRAINAGE	SIGHT DISTANCE	TRAFFIC CONTROL		CONSTRUCTION
ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	YES/NO		
001	FAIRFAX REGENCY, LLC	57 2 02 029	03	5.711	0.517	5.194	-	-	-	-	-	0.145	NO
002	ERWIN FOUR ACRES, LLC (50% INTEREST) AND WALTER W. ERWIN (50% INTEREST)	57 2 02 027	03	3.966	0.892	3.074	-	-	0.008	0.195	-	0.302	NO
003	FAIRFAX, LTD. II, LLC	57 2 02 002	03	2.090	0.000	2.090	-	-	-	0.014	-	0.042	NO
004	FAIRFAX HARBOR REAL ESTATE, LLC	57 2 02 025	03	2.553	0.000	2.553	-	-	-	-	-	0.017	NO
005	MCKAY CHEVROLET, INC.	57 2 02 024	03	2.701	0.000	2.701	-	-	-	-	-	0.004	NO

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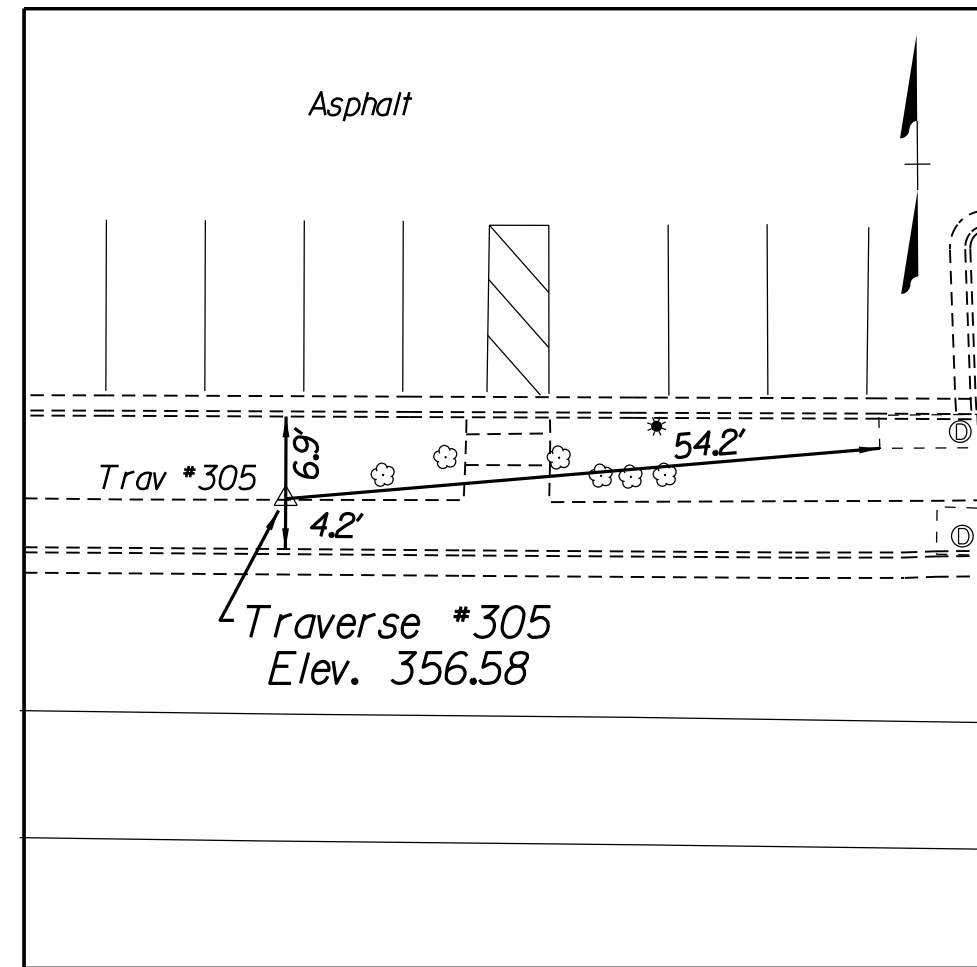
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	9999		U000-151-198 PIOI	ID

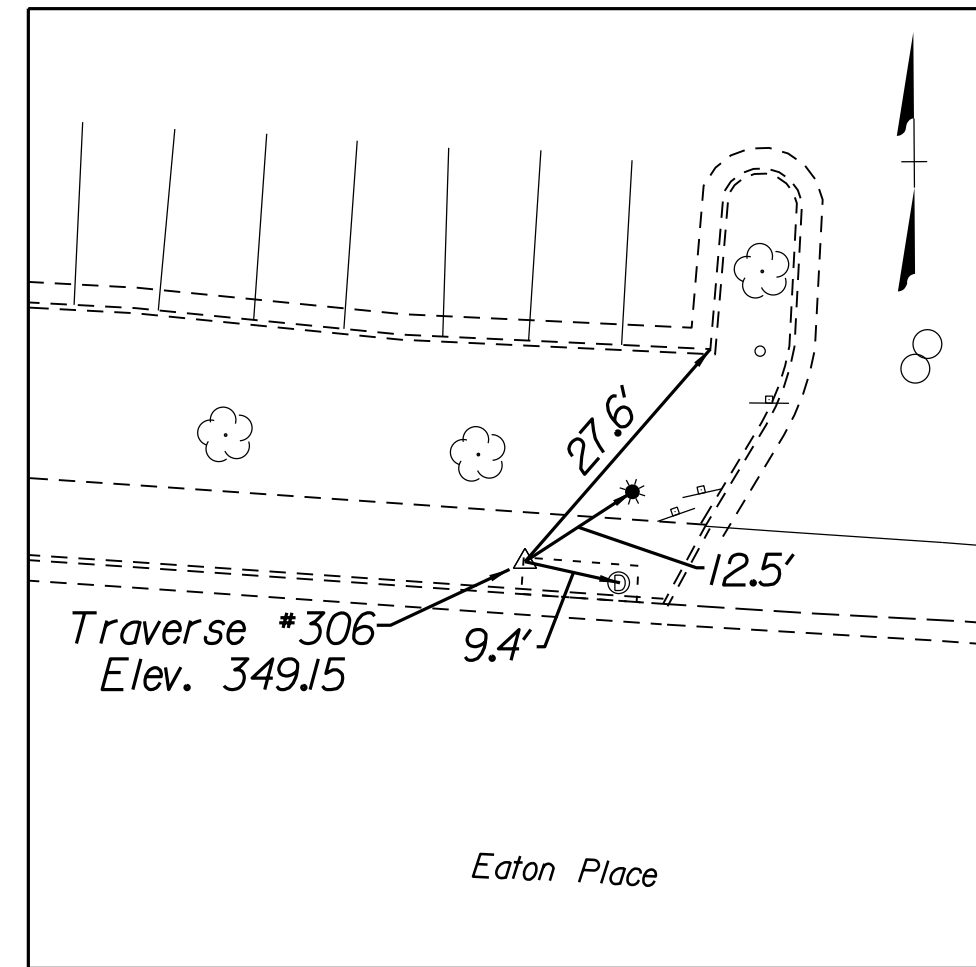
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Survey Control Data

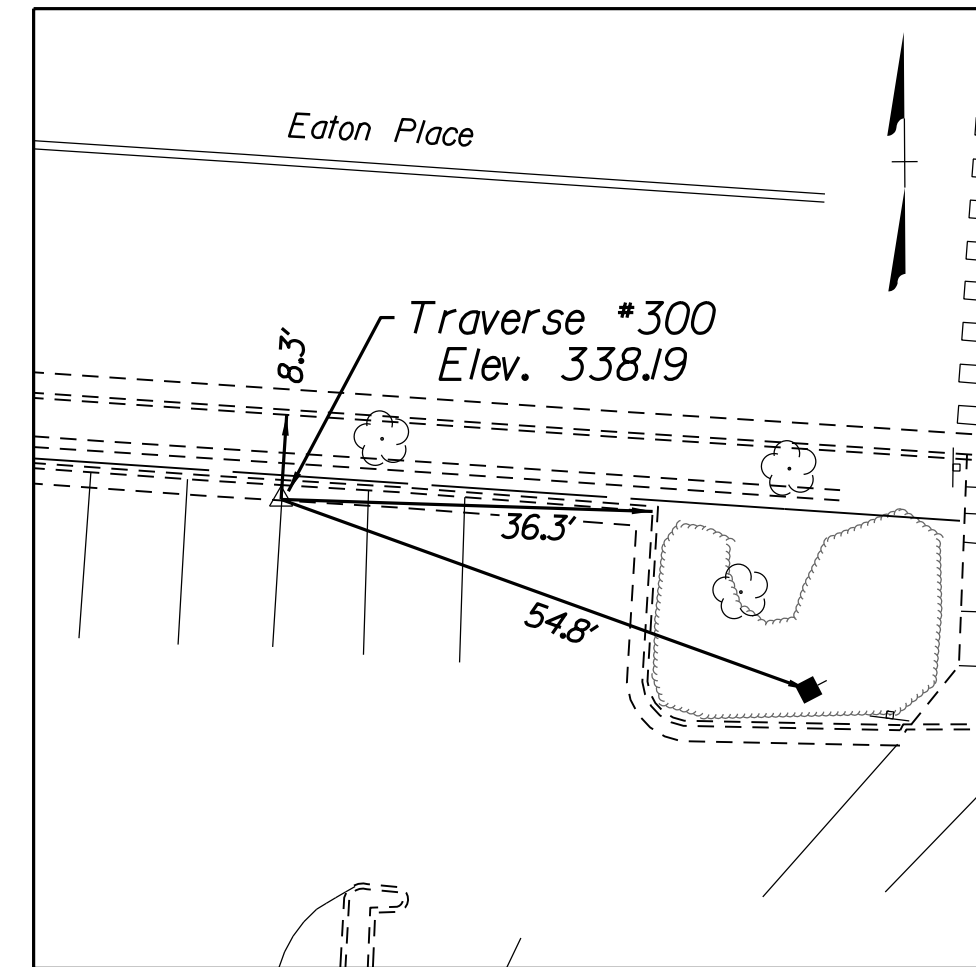
DETAILED SKETCH
(Not To Scale)



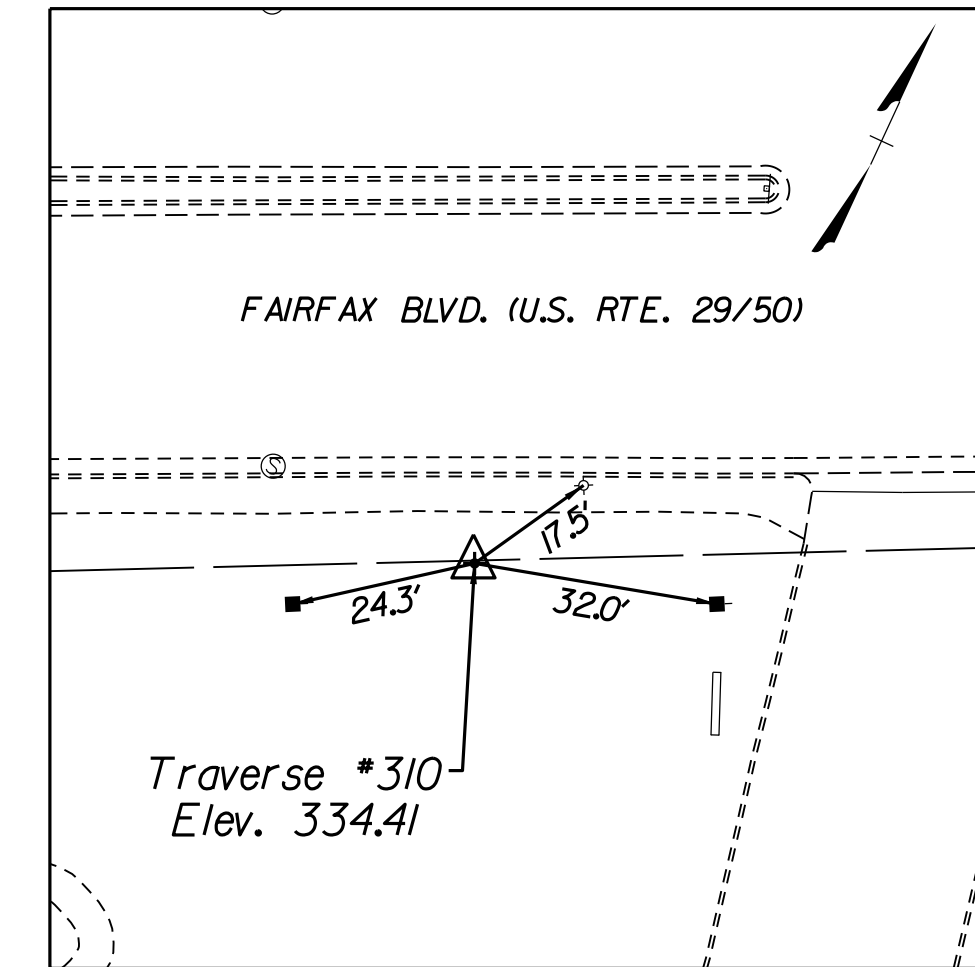
DETAILED SKETCH
(Not To Scale)



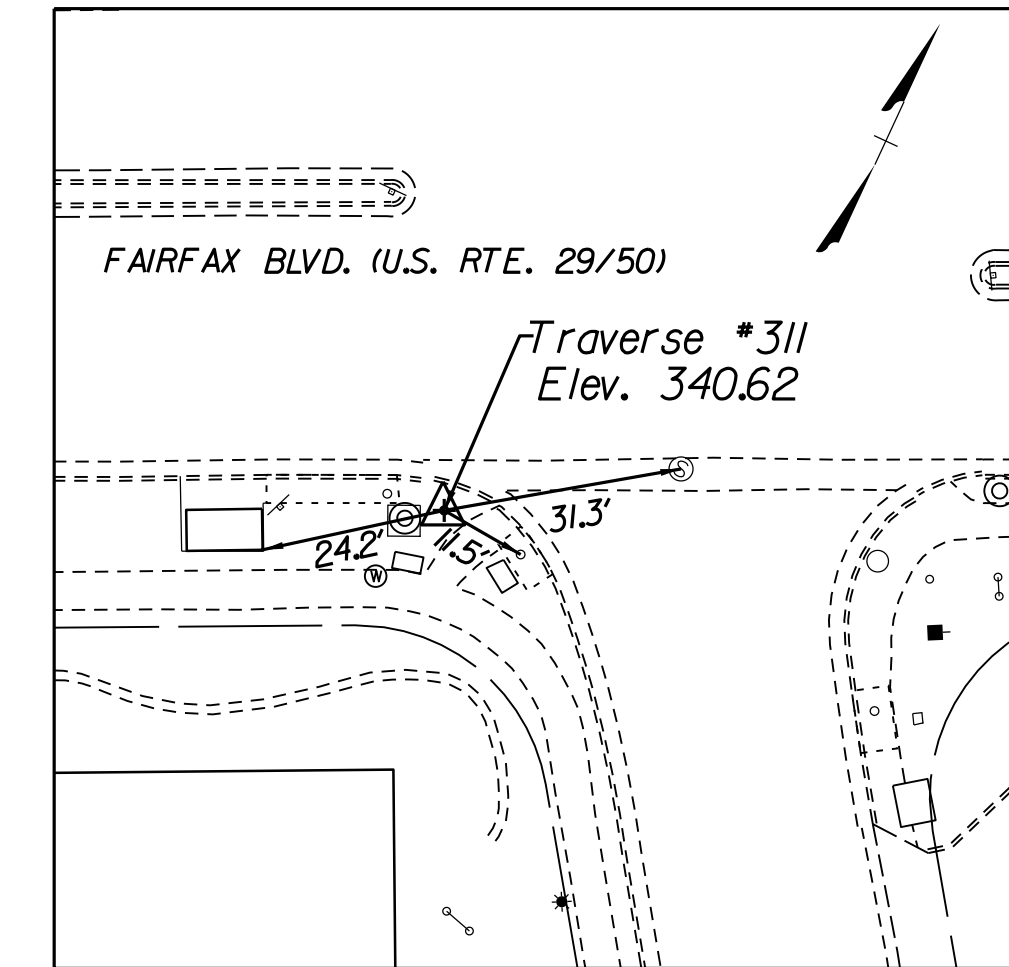
DETAILED SKETCH
(Not To Scale)



DETAILED SKETCH
(Not To Scale)



DETAILED SKETCH
(Not To Scale)



Beginning chain University Drive Traverse description

Point 305 N 6,998,911.58 E 11,823,043.55 Elev. 356.58 Sta 10+00.00
 Course from 305 to 306 S 86°57' 45.48" E Dist 397.36
 Point 306 N 6,998,890.52 E 11,823,440.36 Elev. 349.15 Sta 13+97.36
 Course from 306 to 300 S 79°22' 30.66" E Dist 503.93
 Point 300 N 6,998,797.61 E 11,823,935.64 Elev. 338.19 Sta 19+01.29
 Course from 300 to 310 S 111° 20.61" W Dist 354.27
 Point 310 N 6,998,443.42 E 11,823,928.29 Elev. 334.41 Sta 22+55.56
 Course from 310 to 311 S 65°52' 26.59" W Dist 458.61
 Point 311 N 6,998,255.96 E 11,823,509.74 Elev. 340.62 Sta 27+14.17

Ending chain University Drive Traverse description

Route : -
 Project : U000-151-198
 District : NOVA
 County : Fairfax
 From : 0.006 MI. NORTH OF US RTE. 29 (FAIRFAX BLVD.)
 To : 0.166 MI. NORTH OF US RTE. 29 (FAIRFAX BLVD.)
 Horizontal Datum Based On Virginia State Plane Coordinate System, North Zone, NAD 1983
 Vertical Datum Based On NGS Mean Sea Level
 Survey By : Timmons Group
 Operator :
 Date : 06-02-18
 Scale : 1" = 25'
 UPC* : 109309

UNIVERSITY DRIVE SURVEY ALIGNMENT

POINT STATION ID	BEARING	PROJECT COORDINATES NORTH (Y)	EAST (X)
SS 10+00.00		6,998,911.5791	11,823,043.5510
PI 13+97.36	S 86° 57' 45" E	6,998,890.5239	11,823,440.3559
PI 19+01.29	S 79° 22' 31" E	6,998,797.6115	11,823,935.6427
PI 22+55.56	S 111° 21" W	6,998,443.4153	11,823,928.2910
PI 27+14.17	S 65° 52' 27" W	6,998,255.9620	11,823,509.7426

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PUBLIC HEARING PLANS

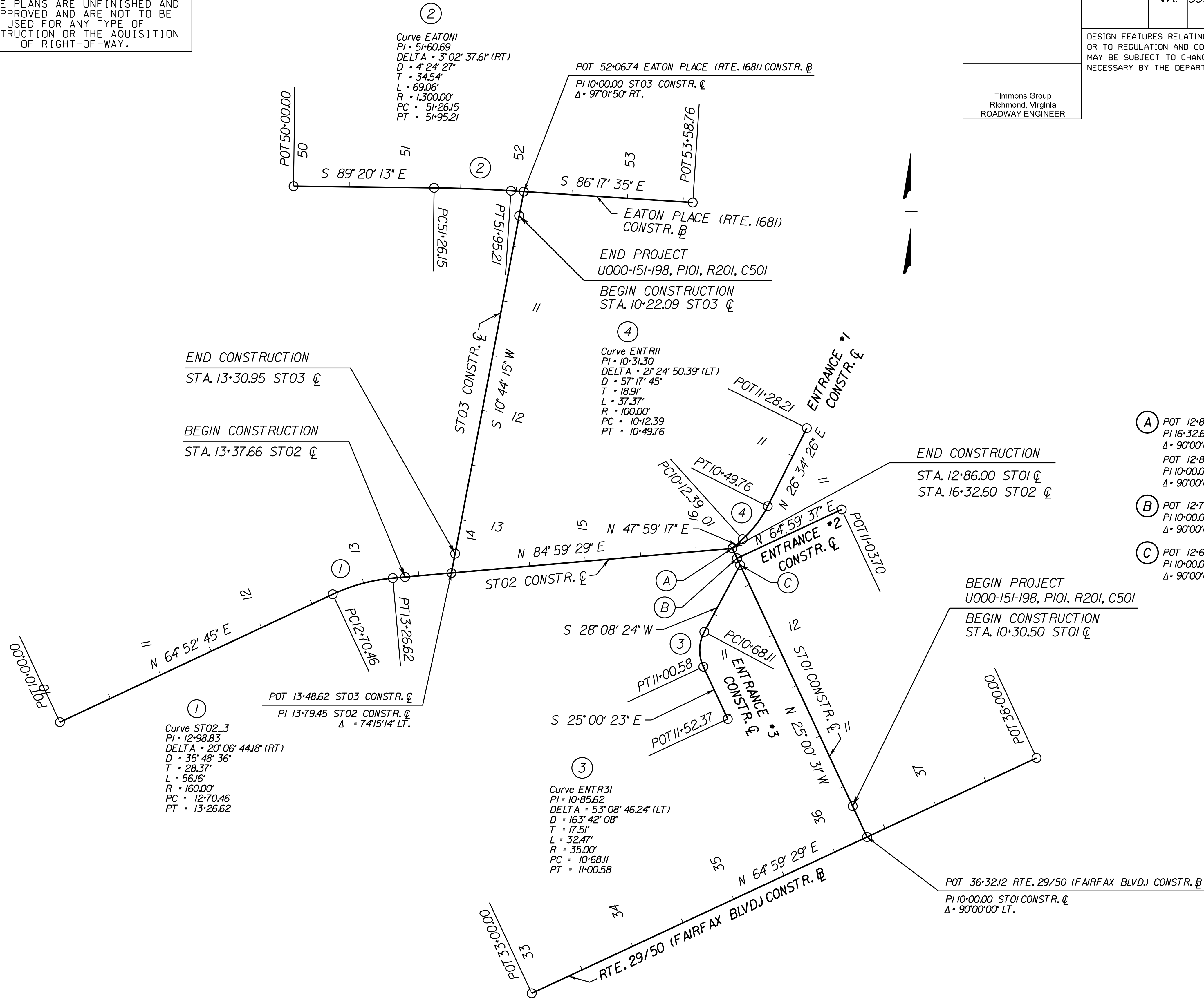
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HORIZONTAL ALIGNMENT DATA SHEET

REVISED	STATE	STATE		SHEET NO.
	ROUTE	PROJECT		
	VA.	9999	U000-151-198 PI01	1E

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Timmons Group
Richmond, Virginia
ROADWAY ENGINEER



- A POT 12+86.00 ST01 CONSTR. C
 PI 16+32.60 ST02 CONSTR. C
 Δ = 90°00'00" LT.
- B POT 12+76.15 ST01 CONSTR. C
 PI 10+00.00 ENTRANCE *2 CONSTR. C
 Δ = 90°00'00" LT.
- C POT 12+69.55 ST01 CONSTR. C
 PI 10+00.00 ENTRANCE *3 CONSTR. C
 Δ = 90°00'00" LT.

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ALIGNMENT DATA SHEET

PUBLIC HEARING PLANS

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REVISED	STATE	STATE		SHEET NO.
	ROUTE	PROJECT		
	VA.	9999	U000-151-198 PI01	1F

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

EATON PLACE (RTE. 1681) CONSTRUCTION BASELINE

Chain EATON contains:
EATON01 CUR EATON1 EATON2

Beginning chain EATON description

Point EATON01 N 6,998,883.2740 E 11,823,002.2250 Sta 50+00.00

Course from EATON01 to PC EATON1 S 89° 20' 12.80" E Dist 126.1469

Curve Data

Curve EATON1
P.I. Station 5+60.69 N 6,998,881.4143 E 11,823,162.8998
Delta 3° 02' 37.61" (RT)
Degree 4° 24' 26.52"
Tangent 34.5387
Length 69.0612
Radius 1,300.0000
External 0.4587
Long Chord 69.0531
Mid.Ord. 0.4586
P.C. Station 5+26.15 N 6,998,881.8141 E 11,823,128.3634
P.T. Station 5+95.21 N 6,998,879.1813 E 11,823,197.3663
C.C. N 6,997,581.9011 E 11,823,113.3182
Back S 89° 20' 12.80" E
Ahead S 86° 17' 35.19" E
Chord Bear S 87° 48' 53.99" E

Course from PT EATON1 to EATON02 S 86° 17' 35.19" E Dist 163.5569

Point EATON02 N 6,998,868.6070 E 11,823,360.5810 Sta 53+58.76

Ending chain EATON description

RTE. 29/50 (FAIRFAX BLVD.) COOL CONSTRUCTION BASELINE

Chain FRFX contains:
FRFX01 FRFX02

Beginning chain FRFX description

Point FRFX01 N 6,998,158.4335 E 11,823,216.0275 Sta 33+00.00

Course from FRFX01 to FRFX02 N 64° 59' 29.28" E Dist 499.9990

Point FRFX02 N 6,998,369.8097 E 11,823,669.1490 Sta 38+00.00

Ending chain FRFX description

STO1 CONSTRUCTION CENTERLINE

Chain STO1 contains:
STO11 STO12

Beginning chain STO1 description
Feature: - 25 Scale Baselines

Point STO11 N 6,998,298.8400 E 11,823,517.0131 Sta 10+00.00

Course from STO11 to STO12 N 25° 00' 30.72" W Dist 285.9988

Point STO12 N 6,998,558.0249 E 11,823,396.1062 Sta 12+86.00

Ending chain STO1 description

ST02 CONSTRUCTION CENTERLINE

Chain ST02 contains:
ST021 CUR ST02_3 ST025

Beginning chain ST02 description

Point ST021 N 6,998,401.9725 E 11,822,792.4667 Sta 10+00.00

Course from ST021 to PC ST02_3 N 64° 52' 45.10" E Dist 270.4574

Curve Data

Curve ST02_3
P.I. Station 12+98.83 N 6,998,528.8348 E 11,823,063.0331
Delta 20° 06' 44.18" (RT)
Degree 35° 48' 35.50"
Tangent 28.3740
Length 56.1641
Radius 160.0000
External 2.4964
Long Chord 55.8761
Mid.Ord. 2.4581
P.C. Station 12+70.46 N 6,998,516.7893 E 11,823,037.3429
P.T. Station 13+26.62 N 6,998,531.3120 E 11,823,091.2987
C.C. N 6,998,371.9229 E 11,823,105.2674
Back N 64° 52' 45.10" E
Ahead N 84° 59' 29.28" E
Chord Bear N 74° 56' 07.19" E

Course from PT ST02_3 to ST025 N 84° 59' 29.28" E Dist 305.9758

Point ST025 N 6,998,558.0249 E 11,823,396.1062 Sta 16+32.60

Ending chain ST02 description

ST03 CONSTRUCTION CENTERLINE

Chain ST03 contains:
ST031 ST032

Beginning chain ST03 description
Feature: - 25 Scale Baselines

Point ST031 N 6,998,878.4359 E 11,823,208.8728 Sta 10+00.00

Course from ST031 to ST032 S 10° 44' 15.10" W Dist 348.6159

Point ST032 N 6,998,535.9239 E 11,823,143.9221 Sta 13+48.62

Ending chain ST03 description

ENTRANCE #2 CONSTRUCTION CENTERLINE

Chain ENTR2 contains:
ENTR201 ENTR202

Beginning chain ENTR2 description

Point ENTR201 N 6,998,549.0960 E 11,823,400.2714 Sta 10+00.00

Course from ENTR201 to ENTR202 N 64° 59' 37.28" E Dist 103.6988

Point ENTR202 N 6,998,592.9314 E 11,823,494.2497 Sta 11+03.70

Ending chain ENTR2 description

ENTRANCE #1 CONSTRUCTION CENTERLINE

Chain ENTRI contains:
ENTRI01 CUR ENTRI1 ENTRI02

Beginning chain ENTRI description

Point ENTRI01 N 6,998,558.0249 E 11,823,396.1062 Sta 10+00.00

Course from ENTRI01 to PC ENTRI1 N 47° 59' 16.72" E Dist 12.3903

Curve Data

Curve ENTRI1
P.I. Station 10+31.30 N 6,998,578.9724 E 11,823,419.3609
Delta 21° 24' 50.39" (LT)
Degree 57° 17' 44.81"
Tangent 18.9078
Length 37.3745
Radius 100.0000
External 1.7718
Long Chord 37.1573
Mid.Ord. 1.7410
P.C. Station 10+12.39 N 6,998,566.3176 E 11,823,405.3122
P.T. Station 10+49.76 N 6,998,595.8828 E 11,823,427.8193
C.C. N 6,998,640.6181 E 11,823,338.3836
Back N 47° 59' 16.72" E
Ahead N 26° 34' 26.33" E
Chord Bear N 37° 16' 51.52" E

Course from PT ENTRI1 to ENTRI02 N 26° 34' 26.33" E Dist 78.4448

Point ENTRI02 N 6,998,666.0405 E 11,823,462.9119 Sta 11+28.21

Ending chain ENTRI description

ENTRANCE #3 CONSTRUCTION CENTERLINE

Chain ENTR3 contains:
ENTR301 CUR ENTR31 ENTR302

Beginning chain ENTR3 description

Point ENTR301 N 6,998,543.1154 E 11,823,403.0613 Sta 10+00.00

Course from ENTR301 to PC ENTR31 S 28° 08' 23.52" W Dist 68.1117

Curve Data

Curve ENTR31
P.I. Station 10+85.62 N 6,998,467.6176 E 11,823,362.6818
Delta 53° 08' 46.24" (LT)
Degree 163° 42' 08.02"
Tangent 17.5061
Length 32.4652
Radius 35.0000
External 4.1339
Long Chord 31.3137
Mid.Ord. 3.6972
P.C. Station 10+68.11 N 6,998,483.0545 E 11,823,370.9381
P.T. Station 11+00.58 N 6,998,451.7525 E 11,823,370.0819
C.C. N 6,998,466.5476 E 11,823,401.8011
Back S 28° 08' 23.52" W
Ahead S 25° 00' 22.72" E
Chord Bear S 1° 34' 00.40" W

Course from PT ENTR31 to ENTR302 S 25° 00' 22.72" E Dist 51.7915

Point ENTR302 N 6,998,404.8159 E 11,823,391.9751 Sta 11+52.37

Ending chain ENTR3 description

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EXISTING CONDITIONS AND DEMOLITION PLAN

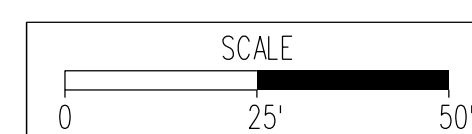
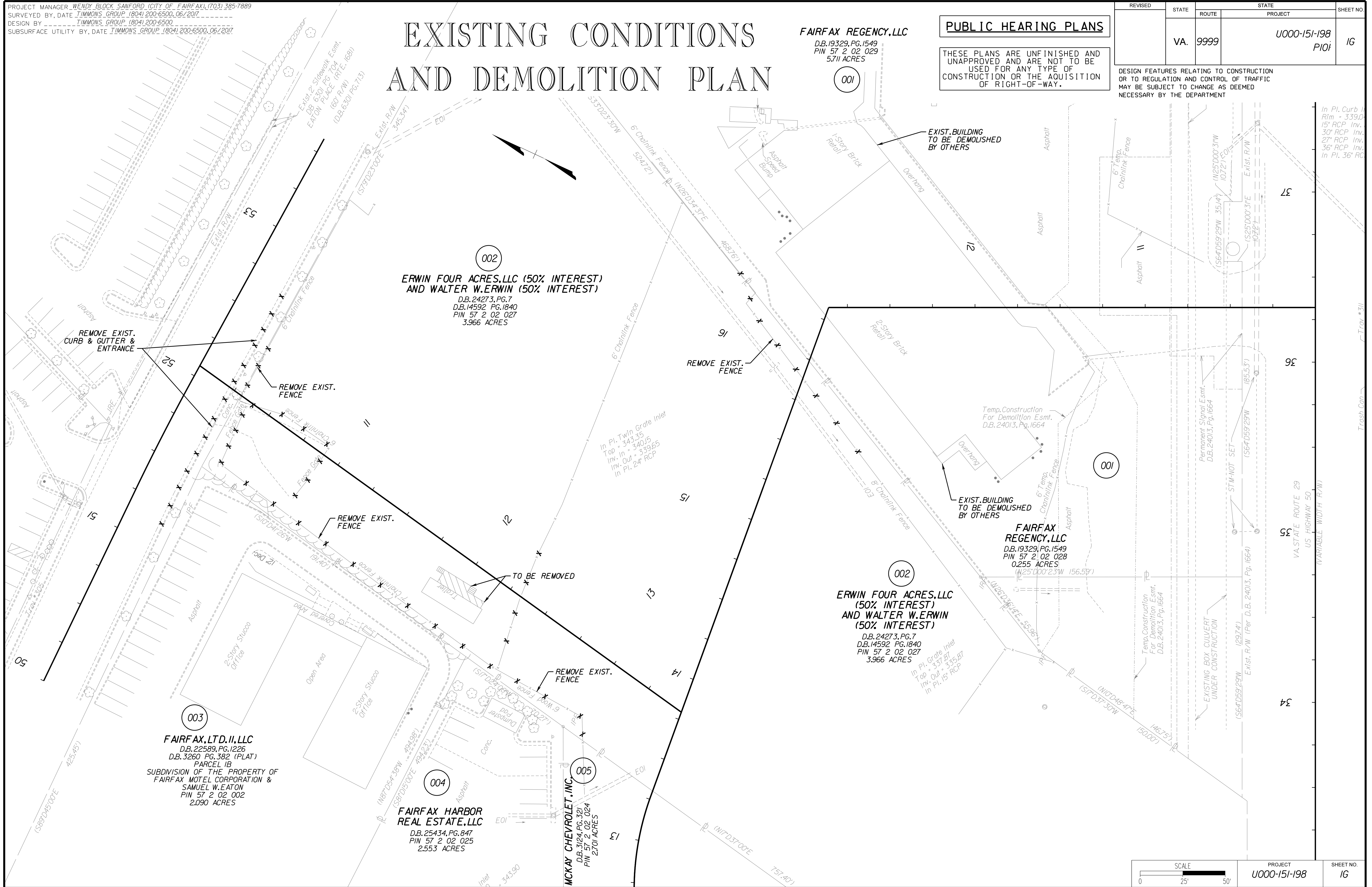
FAIRFAX REGENCY, LLC
D.B. 19329, PG. 1549
PIN 57 2 02 029
5.711 ACRES

PUBLIC HEARING PLANS

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	9999		U000-151-198 PIOI	16

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



PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
 SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017
 DESIGN BY TIMMONS GROUP (804) 200-6500
 SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017

TRANSPORTATION MANAGEMENT PLAN

REVISED	STATE	STATE		SHEET NO.
	ROUTE	PROJECT		
	VA.	9999	U000-151-198 PIOI	IJ

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

GENERAL

1. THIS PROJECT IS CLASSIFIED AS TYPE A, CATEGORY II.
2. THE PROJECT LENGTH IS APPROXIMATELY 0.6 MILES. THE WIDTH OF EACH WORK ZONE IS LESS THAN 80' IN MOST AREAS.
3. THE PURPOSE OF THIS PROJECT IS TO PROVIDE A NEW ROADWAY BETWEEN FAIRFAX BOULEVARD (ROUTE 29) AND EATON PLACE JUST NORTH OF UNIVERSITY DRIVE. THIS INVOLVES THE CONSTRUCTION OF A NEW ROAD, A MINI ROUNDABOUT, TURN LANES, ON STREET PARKING, BICYCLE AND PEDESTRIAN ACCOMMODATIONS, TRAFFIC SIGNAL MODIFICATIONS, DRAINAGE IMPROVEMENTS, AND LANDSCAPING.
4. TRAFFIC ALONG THE NEARBY ROADS CONSISTS OF COMMUTERS AND LOCAL RESIDENTS.
5. THE EXISTING SPEED LIMIT FOR FAIRFAX BOULEVARD AND EATON PLACE IS 35 MPH AND 25 MPH RESPECTIVELY. ALL EXISTING SPEED LIMITS WILL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.

TEMPORARY TRAFFIC CONTROL (TTC)/ MAINTENANCE OF TRAFFIC (MOT):

6. LANE CLOSURES AND SHOULDER CLOSURES ARE ANTICIPATED FOR THIS PROJECT AND WILL BE IN ACCORDANCE WITH THE VIRGINIA WORK AREA PROTECTION MANUAL, 2011 EDITION (APRIL 1, 2015, REVISION). THE FOLLOWING TEMPORARY TRAFFIC MEASURES SHALL BE USED:
 - 6.1. TYPICAL TRAFFIC CONTROL, STATIONARY OPERATION ON A SHOULDER (FIGURE TTC-4J)
 - 6.2. TYPICAL TRAFFIC CONTROL, SHOULDER OPERATION WITH MINOR ENCROACHMENT (FIGURE TTC-5J)
 - 6.3. TYPICAL TRAFFIC CONTROL OUTSIDE LANE CLOSURE OPERATION ON A FOUR-LANE ROADWAY (FIGURE TTC-16J)
7. ALL DIMENSIONS SHOWN FOR SIGN PLACEMENT SHALL BE PROVIDED TO THE MAXIMUM EXTENT PRACTICAL SHOWN IN THE APPROPRIATE TTC FIGURES. SHOULD ADJUSTMENTS BE REQUIRED, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO SIGN PLACEMENT.
8. NEGATIVE IMPACTS TO THE TRAVELING PUBLIC SHALL BE MINIMIZED IN EVERY WAY POSSIBLE. AS SUCH, DURING PEAK TIMES AND HOLIDAYS, ALL LANES OF TRAFFIC SHALL BE MAINTAINED IN BOTH DIRECTIONS. SEE THE "GENERAL NOTES" PORTION OF THIS PLAN SHEET FOR MORE INFORMATION.
9. ACCESS TO ALL ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL COORDINATE WITH ADJACENT USERS AND/OR CONTRACTOR TO ENSURE ADEQUATE ACCESS.

PUBLIC COMMUNICATION PLAN:

10. IF ANY MAJOR TRAFFIC CHANGES ARE TO TAKE PLACE (LANE CLOSURES, ETC.), THE CONTRACTOR SHALL ENSURE THAT THE LOCAL NEWSPAPERS AND RADIO STATIONS ARE INFORMED 72 HOURS IN ADVANCE OF THE CHANGE.
11. PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) SHALL BE USED TO NOTIFY THE TRAVELING PUBLIC OF ANY SUCH MAJOR TRAFFIC CHANGES 72 HOURS IN ADVANCE OF THE CHANGE. PCMS SHALL REMAIN IN PLACE 48 HOURS AFTER CHANGE IS IMPLEMENTED.

TRANSPORTATION OPERATION PLAN:

12. THE CONTRACTOR SHALL NOTIFY THE "NORTHERN REGION OPERATION TRAFFIC OPERATIONS CENTER" (NROTOC) WHEN A LANE CLOSURE IS TO BE IMPLEMENTED, AND AGAIN WHEN IT IS REMOVED. THE NROTOC WILL IN TURN PLACE THE INFORMATION INTO THE "SII VIRGINIA" TRAFFIC ALERT SYSTEM (A SERVICE OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEM).
13. THE FOLLOWING IS A LIST OF CONTACT NUMBERS:
 EMERGENCY: 911
 FIRE RESCUE: 703-385-7940
 CITY OF FAIRFAX POLICE: 703-385-7940
 STATE POLICE: 703-803-2660
 ENGINEER CONTACT: NICK SOUCIE, TIMMONS GROUP: 804-200-6431
 NORTHERN REGIONAL TRAFFIC OPERATIONS CENTER: 703-554-6712
 PUBLIC AFFAIRS: JENNI McCORD, 703-259-1779
 VDOT NORTHERN VIRGINIA DISTRICT: 800-367-7623
 DISTRICT WORK ZONE SAFETY COORDINATOR: GEOFF SARMA, 703-259-1985
 CITY OF FAIRFAX: WENDY SANFORD, TRANSPORTATION DIRECTOR
 703-385-7889
14. ANY TRAFFIC INCIDENT THAT OCCURS DURING THE LIFE OF THIS PROJECT WILL BE DISCUSSED BY THE CONTRACTOR, ENGINEER, VDOT PERSONNEL (AS REQUIRED), AND THE CITY PROJECT PERSONNEL TO DETERMINE WHETHER ANY CHANGES NEED TO BE MADE TO THE TRAFFIC CONTROL ON THE PROJECT.

TRANSPORTATION OPERATION PLAN:

15. ANY REQUIRED LANE CLOSURES MUST BE APPROVED IN ADVANCE BY THE CITY OF FAIRFAX TRANSPORTATION DEPARTMENT.
16. ALLOWABLE WORK HOURS SHALL BE LIMITED TO BETWEEN THE HOURS OF 7:00 AM TO 6:00 PM MONDAY-FRIDAY AND 8:30 AM TO 5:00 PM ON SATURDAYS UNLESS OTHERWISE DIRECTED BY THE DIRECTOR OF PUBLIC WORKS. ALLOWABLE LANE CLOSURE HOURS SHALL BE LIMITED TO BETWEEN THE HOURS OF 9:00 AM TO 3:00 PM, UNLESS OTHERWISE APPROVED BY THE CITY OF FAIRFAX TRANSPORTATION DIRECTOR.
17. TRAFFIC SHALL NOT BE STOPPED ON FAIRFAX BOULEVARD (ROUTE 29) OR EATON PLACE FOR LONGER THAN FIVE MINUTES AT ANY TIME UNLESS OTHERWISE APPROVED BY THE CITY.
18. ALL AREAS EXCAVATED DEEPER THAN TWO INCHES (2") BELOW EXISTING PAVEMENT SURFACE AND WITHIN THE CLEAR ZONE, AT THE CONCLUSION OF EACH WORK DAY, SHALL BE BACK FILLED TO FORM AN APPROXIMATE 6:1 WEDGE AGAINST THE PAVEMENT SURFACE FOR THE SAFETY AND PROTECTION OF VEHICULAR TRAFFIC. ALL COST FOR PLACING, MAINTAINING AND REMOVING THE 6:1 WEDGE SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
19. LANE CLOSURES WILL NOT BE PERMITTED ON HOLIDAYS OR WEEKENDS UNLESS OTHERWISE APPROVED IN ADVANCE BY THE DIRECTOR OF PUBLIC WORKS.
20. ANY CONTRACT ITEM(S) NOT SPECIFICALLY NOTED IN THE MAINTENANCE OF TRAFFIC MAY BE SCHEDULED FOR CONSTRUCTION AT THE CONTRACTOR'S OPTION, AS APPROVED BY THE ENGINEER, THE CITY, AND VDOT.
21. VEHICULAR AND PEDESTRIAN ACCESS TO ADJACENT PROPERTIES AND CONNECTING STREETS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. PROPERTY OWNERS SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO ANY ACTIVITIES WHICH WOULD IMPEDE ACCESS TO THEIR PROPERTY. IN ALL CASES IN WHICH EXISTING OR ESTABLISHED TRAFFIC PATTERNS WILL BE DISTRIBUTING, THE CONTRACTOR WILL NOTIFY ALL AFFECTED RESIDENTS AND/OR BUSINESSES A MINIMUM OF 48 HOURS IN ADVANCE OF THE ANTICIPATED DISRUPTION BY DISTRIBUTING DOOR-TO-DOOR NOTICES. A COPY OF THE NOTICE SHALL BE FORWARDED TO THE PROJECT ENGINEER, THE CITY, AND/OR VDOT FOR REVIEW AND APPROVAL PRIOR TO THE BEGINNING OF WORK.
22. THE FINAL SURFACE COURSE IS NOT TO BE PLACED UNTIL SUCH TIME THAT PERMANENT PAVEMENT MARKINGS CAN BE PLACED.
23. ALL TRAFFIC CONTROL SHALL BE SET UP AND SPACED ACCORDING TO THE VIRGINIA WORK AREA PROTECTION MANUAL, 2011 EDITION, (APRIL 1, 2015 REVISION)
24. CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL AS DIRECTED BY THE CITY AND/OR VDOT, SHOULD FIELD CONDITIONS WARRANT.
25. CONTRACTOR MAY REDUCE EXISTING LANE WIDTHS TO 10' MINIMUM DURING CONSTRUCTION. ANY TEMPORARY PAVEMENT MARKINGS THAT ARE REQUIRED ARE THE RESPONSIBILITY OF THE CONTRACTOR.
26. CONTRACTOR IS RESPONSIBLE FOR PLACEMENT AND MAINTENANCE OF ALL TEMPORARY PAVEMENT MARKINGS THAT ARE REQUIRED OR IMPLIED IN THE TTC DIAGRAMS. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TRAFFIC CONTROL DEVICES, SIGNAGE, EQUIPMENT, PERSONNEL, INCLUDING CERTIFIED TRAFFIC CONTROL PERSONNEL, ETC. TO CONTROL TRAFFIC DURING CONSTRUCTION WITHIN VDOT AND/OR CITY MAINTAINED RIGHT-OF-WAY. ALL TRAFFIC CONTROL SHALL BE IN STRICT ACCORDANCE WITH THE STANDARDS, GUIDELINES, POLICIES, AND OBJECTIVES OF THE LATEST EDITION OF THE VIRGINIA WORK AREA PROTECTION MANUAL, MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ALL CITY AND/OR VDOT PERMITS.
27. AT NO TIME SHALL CONSTRUCTION TAKE PLACE ON BOTH THE RIGHT AND LEFT SIDES OF VEHICLES UNLESS SPECIFIED BY THE CITY AND/OR VDOT.
28. ALL CONSTRUCTION MATERIALS AND EQUIPMENT SHALL BE STORED OFF-SITE OR OUTSIDE OF FAIRFAX BLVD/EATON PLACE CLEAR ZONE/SIGHT DISTANCE RESTRICTIVE AREAS.
29. EMERGENCY VEHICLE AND ALL MAIL ROUTES ACCESS SHALL BE MAINTAINED AT ALL TIMES.

SEQUENCE OF CONSTRUCTION SOC:

THE FOLLOWING SEQUENCE OF CONSTRUCTION IS A RECOMMENDATION PROVIDED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR ANY CHANGES TO THIS PLAN RESULTING FROM ADJUSTMENTS TO THE RECOMMENDED SEQUENCING. ALL PHASES OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL PLANS PROVIDED IN THIS PLAN SET. THE GENERAL SEQUENCE SHALL BE TO CONSTRUCT THE IMPROVEMENTS ALONG THE NEW ROAD ALIGNMENT OUTSIDE OF EXISTING TRAFFIC PATTERNS TO THE GREATEST EXTENT PRACTICAL AND THEN TO MAKE FINAL CONNECTIONS TO THE EXISTING ROADWAYS AS A SECOND PHASE OF WORK.

PHASE I

TRAFFIC SHALL BE MAINTAINED IN GENERAL ACCORDANCE WITH TTC-4J AND TTC-5J DURING THIS PHASE OF CONSTRUCTION, AS PRESCRIBED IN THE GENERAL NOTES, TTC/MOT NOTES, AND THROUGH THE USE OF GROUP II CHANNELIZING DEVICES AND PROPER SIGNAGE. ADJACENT ENTRANCES ALONG EATON PLACE AND FAIRFAX BOULEVARD SHALL REMAIN OPEN TO VEHICULAR TRAFFIC DURING CONSTRUCTION. THIS WORK WILL PRIMARILY TAKE PLACE OUTSIDE OF AND BETWEEN THE FAIRFAX BOULEVARD AND EATON PLACE CORRIDORS, AND THEREFORE OUTSIDE OF TRAFFIC.

- 1-1. INSTALL ALL SIGNING FOR PROJECT LIMITS; COMMENCE CLEARING, SITE PREPARATION, AND INSTALLATION OF EROSION CONTROL MEASURES IN ACCORDANCE WITH THE PROVIDED PLAN. ALL DEMOLITION, REMOVAL OR ADJUSTMENTS OF EXISTING FACILITIES SHALL BE COMPLETED. INITIAL CONSTRUCTION CONSISTS OF CLEARING, GRUBBING AND SITE PREPARATION OPERATIONS ALONG THE NEW ROAD ALIGNMENT.
- 1-2. COMMENCE WORK ACTIVITIES FOR THE NEW ROADWAY ALIGNMENT TO INCLUDE: GRADING, DRAINAGE, AGGREGATE, CURB AND GUTTER, SIDEWALK, PAVEMENT, ROUNDABOUT ISLANDS, MISC. CONCRETE, ETC. PAVEMENT SHALL BE PLACED UP TO THE INTERMEDIATE COURSE ONLY, WITH THE FINAL SURFACE COURSE TO BE PLACED IN ONE OPERATION AT THE END OF PHASE 2.
- 1-3. PERFORM FINAL GRADING OPERATIONS FOR THE WORK AREA SUBSTANTIALLY COMPLETED DURING THIS PHASE. SEEDING AND STABILIZATION SHALL BE COMPLETED AS APPROPRIATE.

PHASE 2

TRAFFIC SHALL BE MAINTAINED IN GENERAL ACCORDANCE WITH TTC-5J AND TTC-16J DURING THIS PHASE OF CONSTRUCTION, AS PRESCRIBED IN THE GENERAL NOTES, TTC/MOT NOTES, AND THROUGH THE USE OF GROUP II CHANNELIZING DEVICES AND PROPER SIGNAGE. THIS PHASE OF WORK WILL COMPLETE THE CONNECTIONS AND FINAL INTERSECTION IMPROVEMENTS AT THE FAIRFAX BOULEVARD AND EATON PLACE INTERSECTIONS.

- 2-1. INSTALL ALL SIGNING AND TRAFFIC CONTROL DEVICES PRIOR TO INITIATING WORK WITHIN THE EXISTING ROADWAY CORRIDORS; COMMENCE FINAL SITE PREPARATION FOR WORK AT THE ROADWAY INTERSECTIONS.
- 2-2. CONSTRUCT TIE-INS / PROPOSED INTERSECTIONS AT FAIRFAX BOULEVARD AND EATON PLACE. WORK CONSISTS OF SAW CUTS, PAVEMENT TIE-INS, SIDEWALK CONNECTIONS, AND FINAL GRADING. TRAFFIC SIGNAL MODIFICATIONS TO BE MADE AT THIS TIME WHILE MAINTAINING EXISTING OPERATIONS.
- 2-3. PERFORM FINAL SURFACE COURSE PAVING FOR THE ENTIRE PROJECT AND INSTALL PAVEMENT MARKINGS PER PROVIDED PLANS. FINAL IMPROVEMENTS TO INCLUDE LANDSCAPING, STORMWATER, AND LIGHTING SHALL FOLLOW.
- 2-4. UPON COMPLETION OF ALL WORK AND SITE CLEAN-UP, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES (AS APPROVED BY THE CITY/ENGINEER) AND ALL TEMPORARY TRAFFIC CONTROL DEVICES.

PUBLIC HEARING PLANS

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

PROJECT MANAGER WENDY BLOCK, SANFORD (CITY OF FAIRFAX), (703) 385-7889
 SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018
 DESIGN BY TIMMONS GROUP (804) 200-6500
 SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018

PUBLIC HEARING 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.

GENERAL NOTES

CITY OF FAIRFAX GENERAL CONSTRUCTION NOTES

REVISED	STATE		STATE		SHEET NO.
	STATE	ROUTE	PROJECT		
	VA.	9999	U000-151-198 PI01		2
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT					
Timmons Group Richmond, Virginia ROADWAY ENGINEER					

CITY OF FAIRFAX GENERAL CONSTRUCTION NOTES

ENVIRONMENTAL (CONTINUED)

GRADING

- G-1 The grade line denotes top of finished pavement unless shown otherwise on typical sections or plans.
- G-3 Earthwork quantities on this project are based on anticipated settlement and may require adjusting during construction. Payment will be made only for quantities actually moved.
- G-4 The cost of removal of all existing concrete items located in the area to be graded, including, but not limited to the following, shall be included in the price bid for regular excavation: curb, sidewalk, foundations, drainage structures, etc.
- G-6 The borrow material for this project shall be a minimum CBR 5 or as approved by the Materials Engineer.

PAVEMENT

- P-2 The pavement materials on this project will be paid for on a lump sum basis. The weight will vary in accordance with the specific gravity of the aggregates and the asphaltic content of the mix actually used to secure the design depth. The weight of the asphalt concrete is based on 95% of the theoretical maximum density.

DRAINAGE

- D-1 The horizontal location of all drainage structures shown on these plans is approximate only, with the exception of structures showing specific stations, special design bridges and storm sewer systems.
- D-2 The horizontal location and invert elevations shown for proposed culverts and storm sewer outfall pipes are based on existing survey data and required design criteria. If during construction, it is found that the horizontal location or invert elevations shown on the plans differ significantly from the horizontal location or elevations of the stream or swale in which the culvert or storm sewer outfall pipe is to be placed, the Engineer shall confer with, and get approval from, the applicable District Drainage Engineer before installing the culvert or storm sewer outfall pipe.
- D-3 The "H" dimensions shown on plans for drop inlets and junction boxes and the "L.F." dimensions shown for manholes are for estimating purposes and are based on the proposed invert elevations shown for the structure and the anticipated top (rim) elevation based on existing or proposed finished grade. The actual "H" or "L.F." dimensions are to be determined by the contractor from field conditions.
- D-7 All pipe on this project shall be min. Class III RCP. For strength, sheet thickness, or class designation; available sizes; height of cover limitations; and other restrictions for a particular pipe type or height cover, see the applicable sections of the VDOT Road and Bridge Standards PC-1.
- D-14 Proposed drop inlets with a height (H) less than the standard minimum shown in the VDOT Road and Bridge Standards shall be considered and paid for as Standard Drop inlets for the type specified. Pipes with less than standard minimum finished height of cover shall be noted as such in the drainage description for the pipe. Specific pipe bedding and cover requirements are provided in the applicable PB-1 and PC-1 standard drawings of the VDOT Road and Bridge Standards.
- D-16 When CG-6 or CG-7 is specified on a radius (such as at a street intersection), the Engineer may approve a decrease in the cross slope of the gutter to facilitate proper drainage.

EROSION AND SEDIMENT CONTROL (ESC)

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

NOTES:

1. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE VDOT R&B STANDARDS REFERENCED ABOVE. REFER TO THE YESCH FOR FURTHER DETAILS.
2. ALL CULVERT ENTRANCES SHALL BE PROTECTED PER ST'D. EC-6 TYPE C WITH SILT FENCE AND CHECK DAMS WHERE SHOWN (CIP).

INCIDENTALS

- I-5 That portion of the right of way lying within the Clear Zone or within a minimum of 10 feet from the edge of pavement or surfacing or within the limits of the construction slopes beyond 10 feet, shall be cleared and grubbed in accordance with the applicable VDOT Road and Bridge Specifications, Section 301, where sufficient right of way or construction easement is provided.
- I-6 Certain trees shall be preserved as noted on plans or as directed by the Engineer.
- I-7 Where Standard slope roundoffs would damage trees, bushes or other desirable vegetation, they shall be omitted when so ordered by the Engineer.
- I-8A Clearing and grubbing shall be confined to those areas needed for construction.
- I-9 When no centerline alignment is shown for a proposed entrance, the entrance shall be constructed in the same location as the existing entrance.
- I-12 St'd. RM-2 right of way monuments shall be set by the Contractor.
- I-17 For method of constructing Straight-Line Taper Lanes in curb and/or curb and gutter sections, see typical details on Sheet 2B.
- I-18 All pavement markings and traffic flow arrows shown on the roadway construction plans are schematic only. The actual location and application of pavement markings shall be in accordance with Section 704 of the applicable VDOT Road and Bridge Specifications, MUTCD, sequence of construction/traffic control plans, pavement marking plan sheets and as directed by the Engineer.
- I-19 The following outside sources, under contract with VDOT, have provided information on this project.

Hydraulic Design	-	Timmons Group
Roadway Design	-	Timmons Group
Utility Design	-	N/A
Utility Designation	-	Timmons Group
Utility Location	-	Timmons Group
Survey	-	Timmons Group
Bridge Design	-	N/A
Traffic Design	-	N/A
Landscape Design	-	N/A

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

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

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

PERMITS

1. A STREET OPENING PERMIT IS REQUIRED FOR ANY WORK IN A CITY RIGHT-OF-WAY OR EASEMENT. THE PERMIT CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT. FOR INFORMATION, CALL 703-385-7980 OR 703-385-7810.
2. ALL SIDEWALKS, CURBS, GUTTERS, DRIVEWAYS, STREETS, STORM PIPES, SANITARY SEWER, ENDWALLS AND RIP- RAPS MUST BE INSPECTED BY THE CITY. ALL WORK IN THE CITY STREETS WILL BE PERFORMED MONDAY- FRIDAY BETWEEN THE HOURS OF 9:00 A.M. AND 3:00 P.M. NO WORK IS TO BE PERFORMED ON WEEKENDS OR HOLIDAYS UNLESS PRE-APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
3. INSPECTIONS PERFORMED BY THE FACILITIES INSPECTOR WILL REQUIRE A FOUR-HOUR NOTICE PRIOR TO INSPECTIONS.

GENERAL STANDARDS

THE PUBLIC WORKS DIRECTOR MUST BE NOTIFIED ONE WEEK PRIOR TO PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO COMMENCEMENT OF LAND DISTURBING ACTIVITY AND ONE WEEK PRIOR TO FINAL INSPECTION. THE SITE PLAN COORDINATOR IN ZONING (703-385-7820) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE.

4. A PRECONSTRUCTION MEETING WILL BE REQUIRED THREE DAYS PRIOR TO ANY CONSTRUCTION. CONTRACTORS WILL NOTIFY THE PUBLIC WORKS DEPARTMENT OR FACILITIES INSPECTOR FOR ALL WORK DONE ON SITE AND OFF SITE ONE DAY PRIOR TO STARTING.
5. THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS FOR PARKING CONSTRUCTION EQUIPMENT AND PROVIDE EMPLOYEE PARKING ON SITE.
6. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST CITY OF FAIRFAX STANDARDS, VIRGINIA DEPARTMENT OF TRANSPORTATION AND THE VIRGINIA SEDIMENT & EROSION CONTROL CURRENT SPECIFICATIONS, EXCEPT AS SHOWN OR ALTERED BY THESE PLANS.
7. TRAFFIC SIGNS FOUND TO BE IN THE WAY AT CONSTRUCTION SITES SHALL BE REMOVED OR RELOCATED ONLY BY PERSONNEL IN THE SIGN & SIGNAL CREW OF THE PUBLIC WORKS DEPARTMENT AT THE CONTRACTOR'S REQUEST. ANY CONTRACTOR FOUND RESPONSIBLE FOR MOVING CITY PROPERTY WITHOUT PERMISSION WILL RECEIVE A SUMMONS.
8. AN AS-BUILT PLAN MUST BE SUBMITTED WITHIN 30 DAYS AFTER COMPLETION OF ALL CONSTRUCTION.
9. TEMPORARY STRUCTURES, CONSTRUCTION TRAILERS AND DEMOLITION REQUIRE PERMITS FROM THE OFFICE OF CODE ADMINISTRATION PRIOR TO START OF WORK OR INSTALLATION.
10. CITY ORDINANCE PERMITS CONSTRUCTION NOISE, INCLUDING EXCAVATION, BETWEEN THE HOURS OF 7:00 AM AND 6:00 PM ON WEEKDAYS AND 8:30 AM AND 5:00 PM ON SATURDAYS ONLY. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO ENSURE THAT ALL CONTRACTORS AND SUBCONTRACTORS COMPLY WITH THIS ORDINANCE.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE WITH CITY CODE SECTIONS LIMITING GROWTH OF GRASS AND WEEDS TO SIX INCHES IN HEIGHT.

ENVIRONMENTAL

1. ALL EROSION SILTATION CONTROL TO BE INSTALLED PRIOR TO STARTING PROJECT TO CONFORM TO THE CURRENT VIRGINIA EROSION AND SEDIMENT CONTROL MANUAL.
2. THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING MUD FROM TRUCKS AND/OR OTHER EQUIPMENT PRIOR TO ENTERING THE CITY OF FAIRFAX RIGHTS-OF-WAY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN STREETS AND ALLAY DUST AND TO TAKE WHATEVER MEASURES NECESSARY TO ENSURE THAT THE ROAD IS MAINTAINED IN A CLEAN AND DUST-FREE CONDITION AT ALL TIMES.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM THE WORK IN SUCH A MANNER TO PREVENT THE WASHING OF ANY TOPSOIL, SILT, OR DEBRIS ONTO ADJACENT PROPERTIES.
4. IF THE PRESENCE OF ASBESTOS IS SUSPECTED IN THE SOIL, THE CONTRACTOR MUST CONTACT THE AIR POLLUTION CONTROL DIVISION OF THE FAIRFAX COUNTY HEALTH DEPARTMENT AT 703-246-2300.

PROJECT MANAGER WENDY BLOCK, SANFORD (CITY OF FAIRFAX), (703) 385-7889
SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018
DESIGN BY TIMMONS GROUP (804) 200-6500
SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018

PUBLIC HEARING 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.

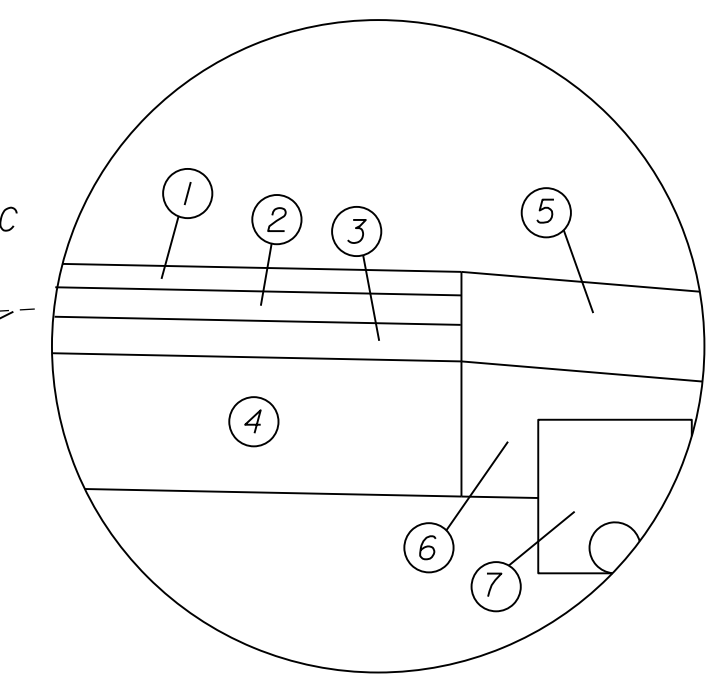
TYPICAL SECTIONS & DETAILS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198 PIOI	2A

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

Timmons Group
Richmond, Virginia
ROADWAY ENGINEER

INSET A

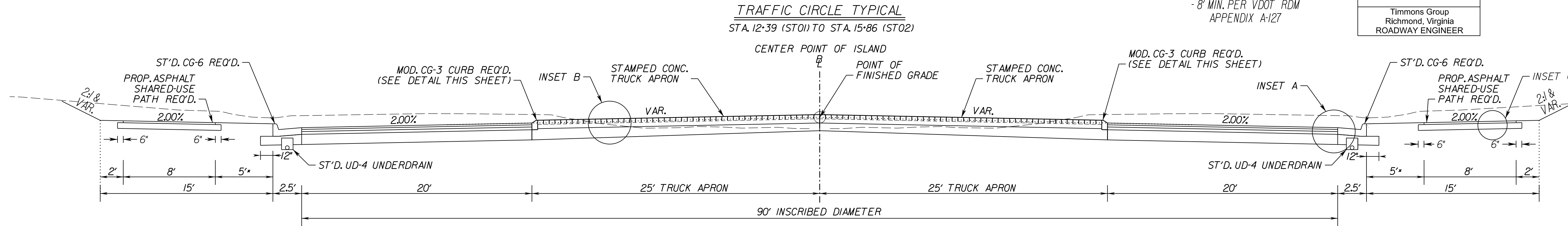


- ① 1.5" ASPHALT CONCRETE SURFACE COURSE (VDOT TYPE SM-9.5A) at 183 Lbs/S.Y.
- ② 2" ASPHALT CONCRETE INTERMEDIATE COURSE (VDOT TYPE IM-19.0A)
- ③ 4" ASPHALT CONCRETE BASE COURSE (VDOT TYPE BM-25.0A)
- ④ 8" AGGREGATE BASE MATERIAL (VDOT TYPE 1 NO. 21B)
- ⑤ STD. CG-6 CURB & GUTTER REQ'D.
- ⑥ MIN. 6" AGGREGATE BASE MATERIAL (VDOT TYPE 1 NO. 21B)**
- ⑦ STD. UD-4 UNDERDRAIN

** TO PROMOTE POSITIVE LATERAL DRAINAGE, THE AGGREGATE BASE BENEATH THE CURB AND GUTTER MUST EXTEND TO, OR EXCEED, THE BOTTOM OF THE AGGREGATE BASE IN THE ADJACENT TRAVEL LANE.

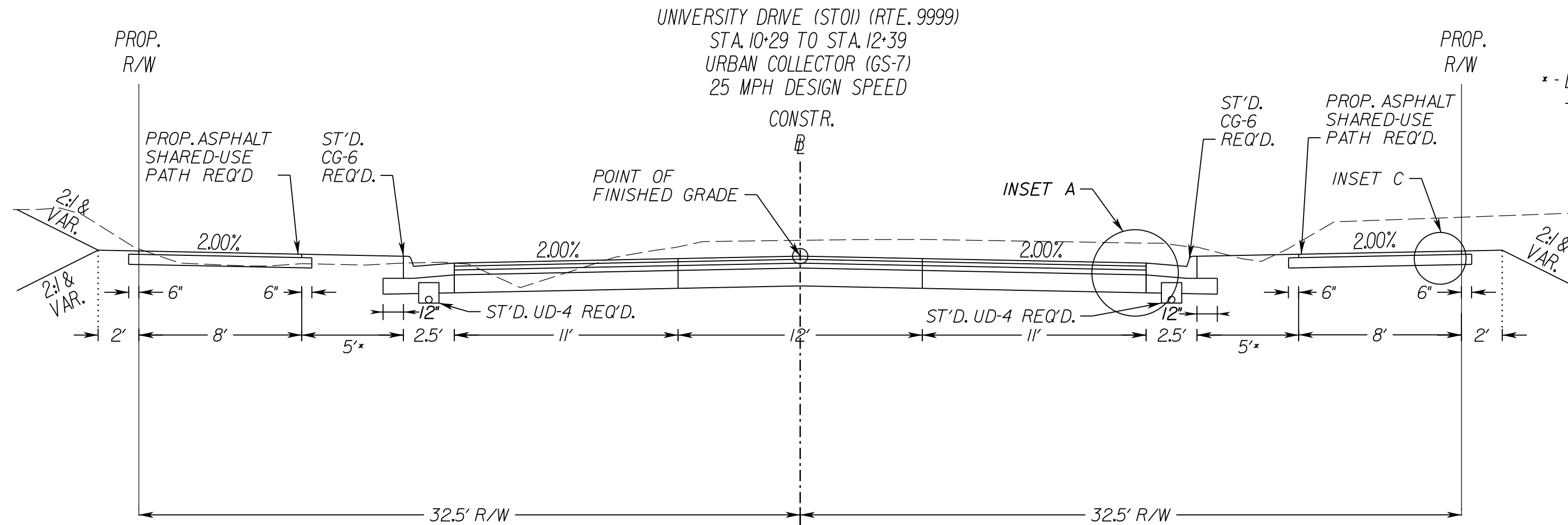
** DESIGN WAIVER REQUIRED
- 8' MIN. PER VDOT RDM
APPENDIX A-127

** DESIGN WAIVER REQUIRED
- 8' MIN. PER VDOT RDM
APPENDIX A-127

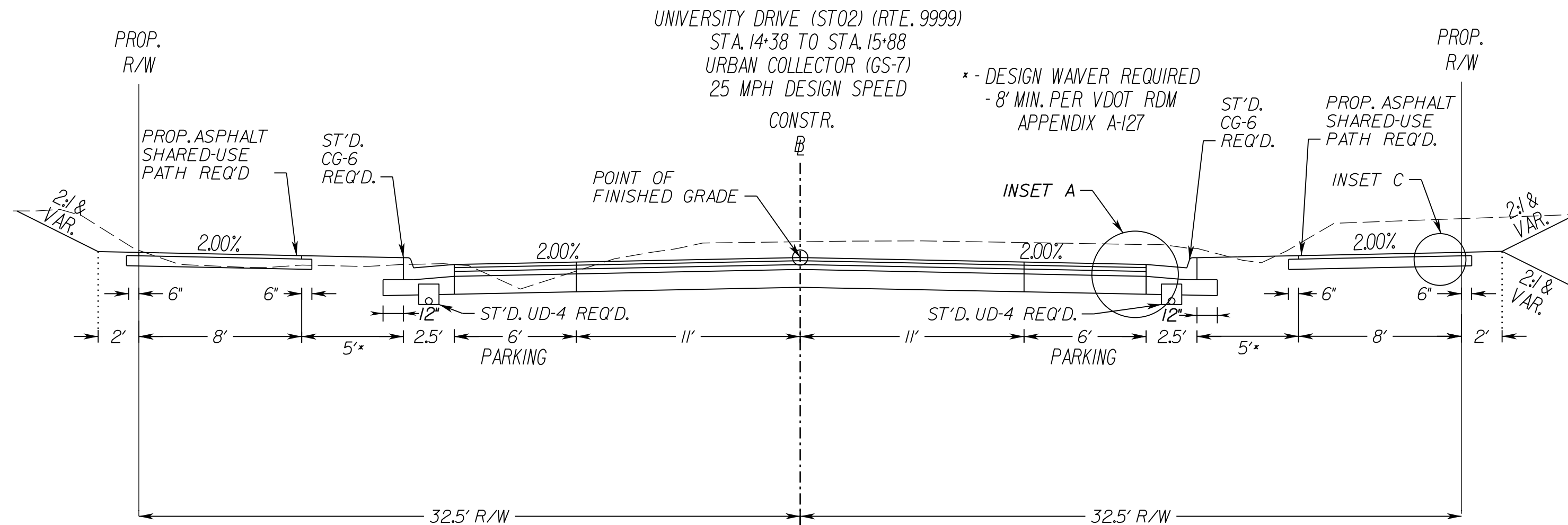


TRAFFIC CIRCLE TYPICAL
STA. 12+39 (ST01) TO STA. 15+86 (ST02)

UNIVERSITY DRIVE (ST01) (RTE. 9999)
STA. 10+29 TO STA. 12+39
URBAN COLLECTOR (GS-7)
25 MPH DESIGN SPEED



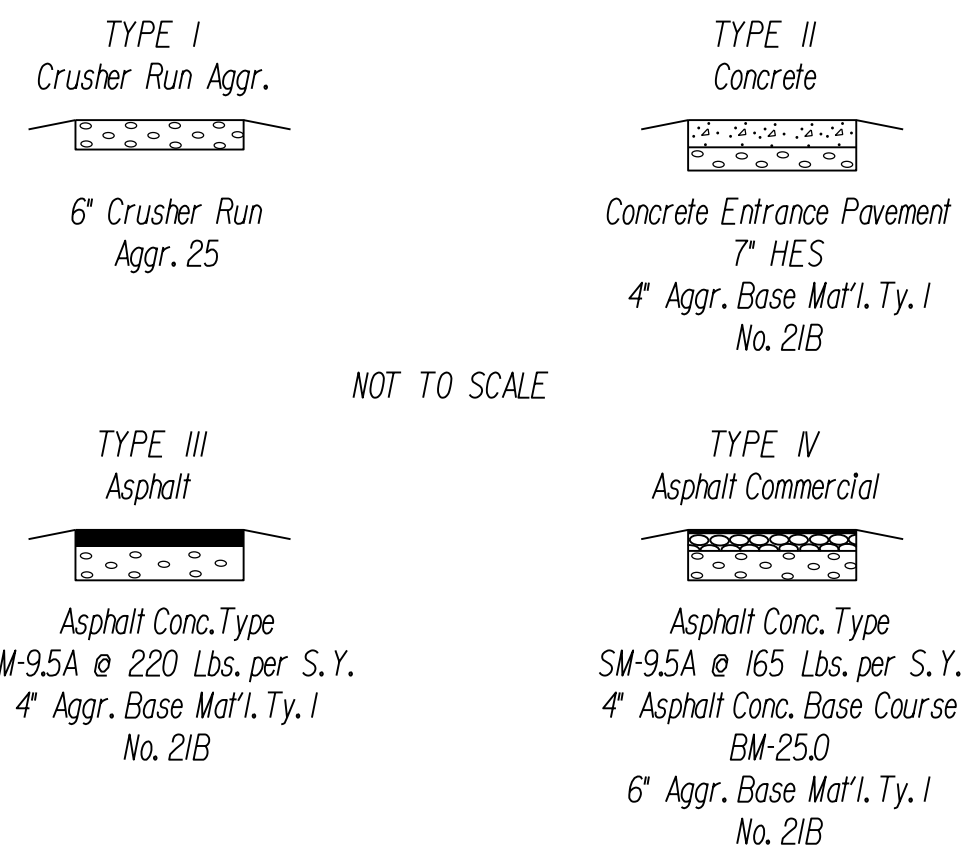
UNIVERSITY DRIVE (ST02) (RTE. 9999)
STA. 14+38 TO STA. 15+88
URBAN COLLECTOR (GS-7)
25 MPH DESIGN SPEED



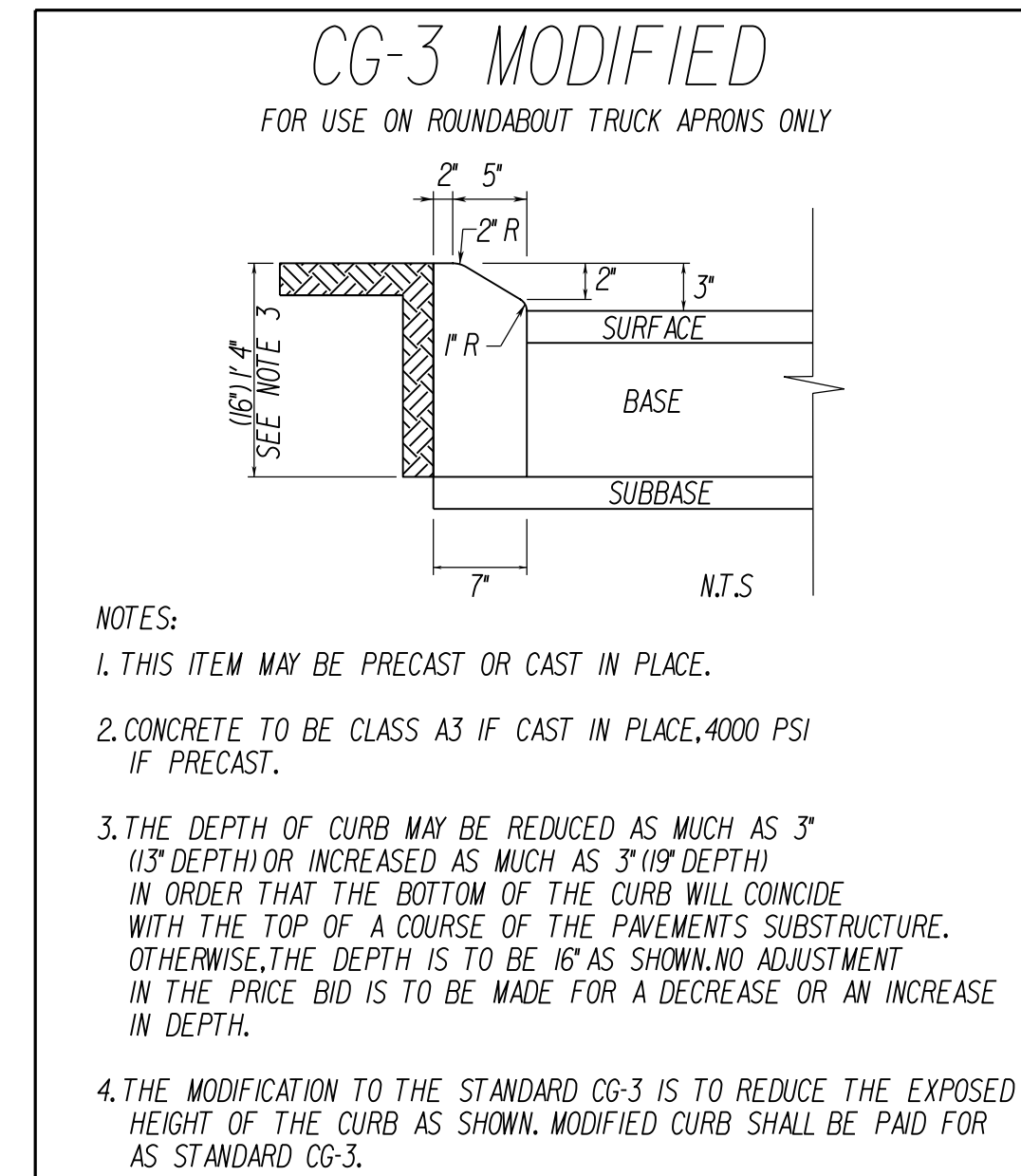
PAVEMENT BUILD-UP WITH OVERLAY

- ① ASPHALT CONCRETE OVERLAY TYPE SM-9.5A (1.5" MIN. DEPTH REQ'D)
- ② VARIABLE DEPTH IM-19.0A ASPHALT LEVELING COURSE (DEPTHS UP TO 2.5")
- ③ VARIABLE DEPTH BM-25.0A ASPHALT LEVELING COURSE (REMAINDER IF NECESSARY)

PRIVATE AND COMMERCIAL ENTRANCES

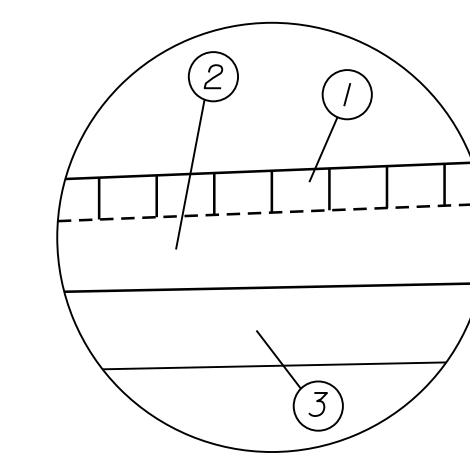


The type of entrance (I, II, III, IV) to be constructed will be determined by the existing condition at the time of construction, unless otherwise noted.



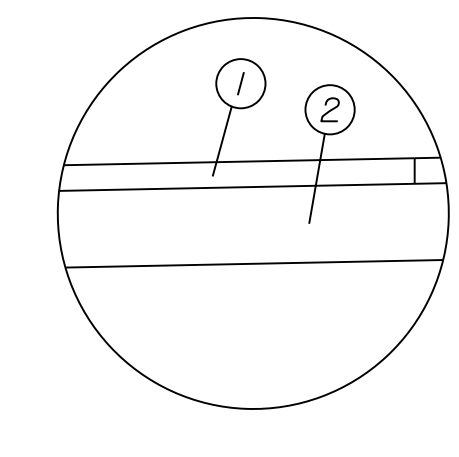
- NOTES:
- 1. THIS ITEM MAY BE PRECAST OR CAST IN PLACE.
 - 2. CONCRETE TO BE CLASS A3 IF CAST IN PLACE, 4000 PSI IF PRECAST.
 - 3. THE DEPTH OF CURB MAY BE REDUCED AS MUCH AS 3" (1.5" DEPTH) OR INCREASED AS MUCH AS 3" (1.5" DEPTH) IN ORDER THAT THE BOTTOM OF THE CURB WILL COINCIDE WITH THE TOP OF A COURSE OF THE PAVEMENT'S SUBSTRUCTURE. OTHERWISE, THE DEPTH IS TO BE 16" AS SHOWN. NO ADJUSTMENT IN THE PRICE BID IS TO BE MADE FOR A DECREASE OR AN INCREASE IN DEPTH.
 - 4. THE MODIFICATION TO THE STANDARD CG-3 IS TO REDUCE THE EXPOSED HEIGHT OF THE CURB AS SHOWN. MODIFIED CURB SHALL BE PAID FOR AS STANDARD CG-3.

INSET B



- ① 4" STAMPED CONCRETE CLASS A3 - PATTERN AND COLOR TO BE APPROVED BY CITY
- ② 6" HYDRAULIC CEMENT CONCRETE (CLASS A3) ** SEE NOTE AT LEFT
- ③ 8" MIN. AGGREGATE BASE MATERIAL (VDOT TYPE 1 NO. 21B)

INSET C



- ① 2" ASPHALT CONCRETE SURFACE COURSE (VDOT TYPE SM-9.5A) at 244 Lbs/S.Y.
- ② 6" AGGREGATE BASE MATERIAL (VDOT TYPE 1 NO. 21B)

NOTE:
ALL PAVEMENT WIDENING SHALL BE PERFORMED IN ACCORDANCE WITH STANDARD WP-2.

** ITEMS 1 & 2 SHALL BE POURED CONCURRENTLY, WITH SURFACE LAYER (SHOWN AS 4" DEPTH) TO BE COLORED AND STAMPED AS APPROVED BY THE ENGINEER AND CITY. CONCRETE JOINT SPACING PLAN FOR APRON SHALL BE IN ACCORDANCE WITH VDOT ST'D. PR-2 AND WITH 15' MAX TRANSVERSE JOINT SPACING - TO BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER.

PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018
DESIGN BY TIMMONS GROUP (804) 200-6500
SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018

PUBLIC HEARING PLANS

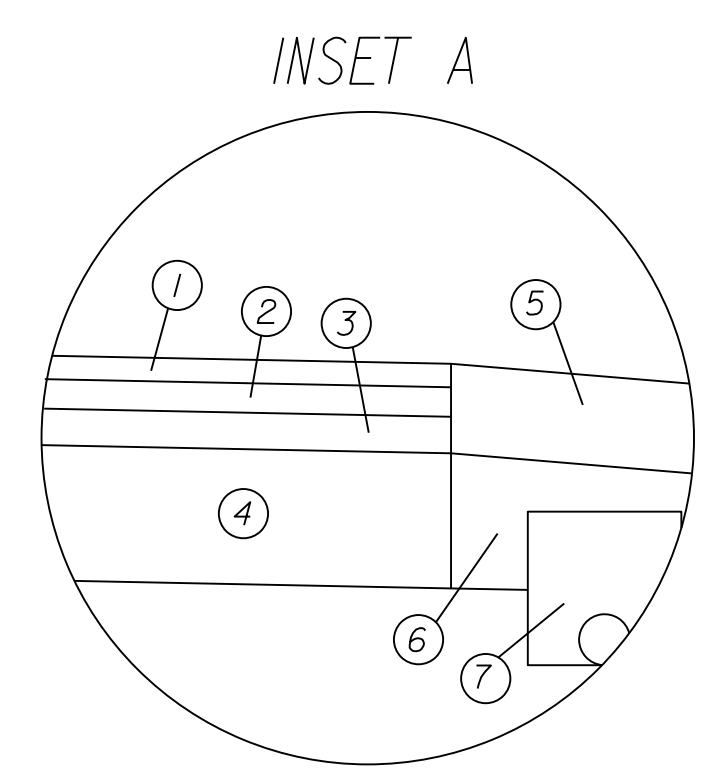
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT-OF-WAY.

TYPICAL SECTIONS & DETAILS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198 P101	2B

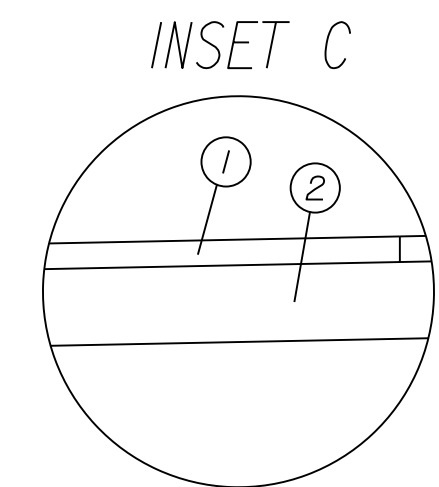
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Timmons Group
Richmond, Virginia
ROADWAY ENGINEER

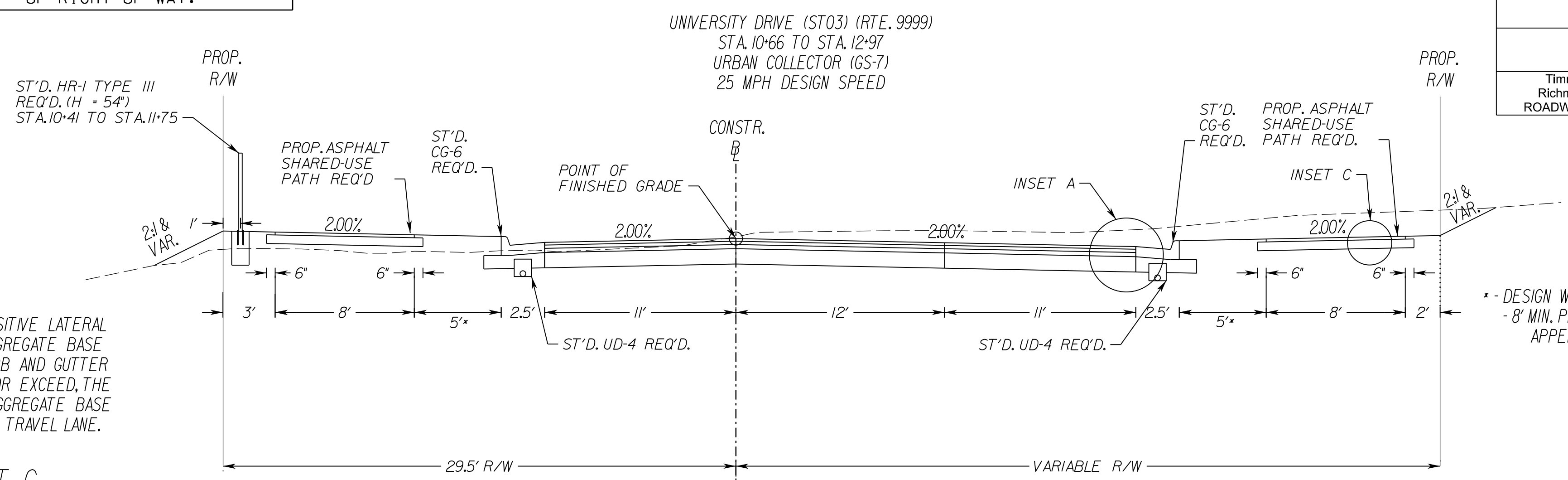


- ① 1.5" ASPHALT CONCRETE SURFACE COURSE (VDOT TYPE SM-9.5A) at 183 Lbs/S.Y.
- ② 2" ASPHALT CONCRETE INTERMEDIATE COURSE (VDOT TYPE IM-19.0A)
- ③ 4" ASPHALT CONCRETE BASE COURSE (VDOT TYPE BM-25.0A)
- ④ 8" AGGREGATE BASE MATERIAL (VDOT TYPE 1 NO. 21B)
- ⑤ STD. CG-6 CURB & GUTTER REQ'D.
- ⑥ MIN. 6" AGGREGATE BASE MATERIAL (VDOT TYPE 1 NO. 21B)**
- ⑦ STD. UD-4 UNDERDRAIN

** TO PROMOTE POSITIVE LATERAL DRAINAGE, THE AGGREGATE BASE BENEATH THE CURB AND GUTTER MUST EXTEND TO, OR EXCEED, THE BOTTOM OF THE AGGREGATE BASE IN THE ADJACENT TRAVEL LANE.



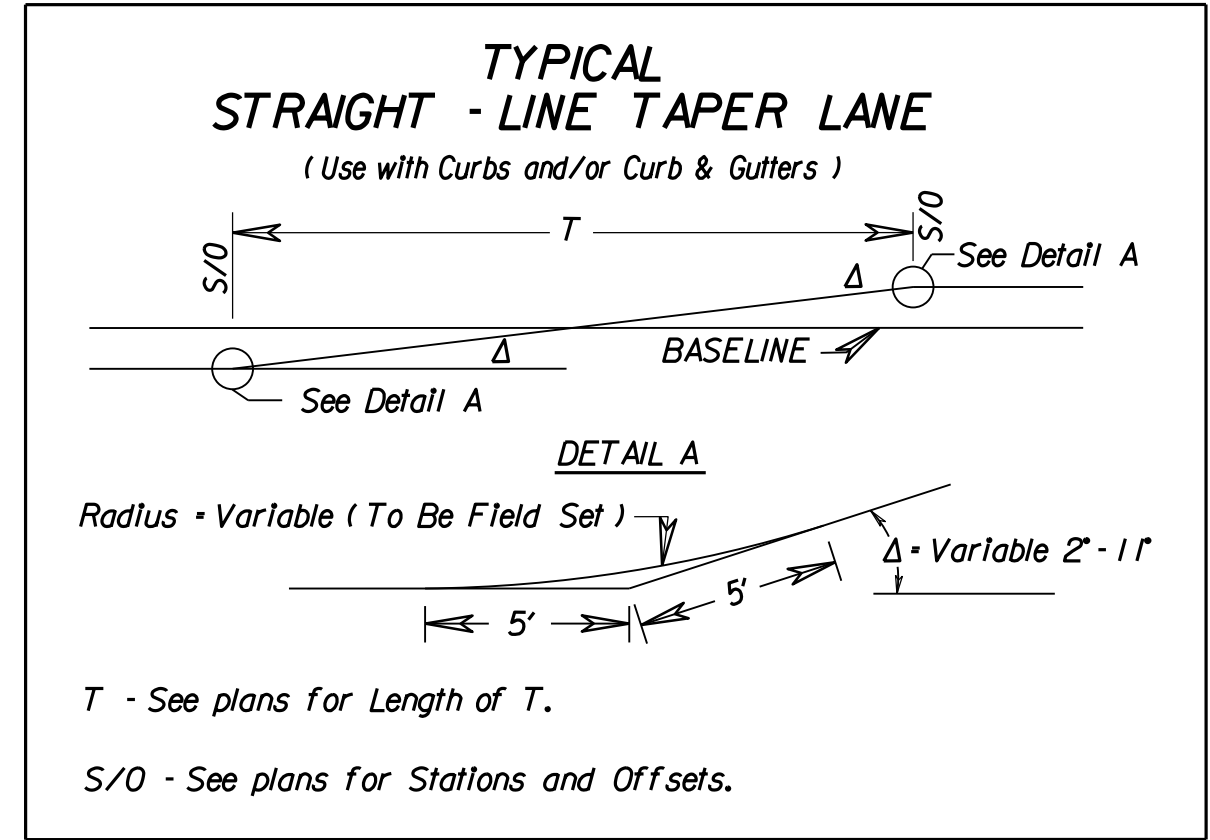
- ① 2" ASPHALT CONCRETE SURFACE COURSE (VDOT TYPE SM-9.5A) at 244 Lbs/S.Y.
- ② 6" AGGREGATE BASE MATERIAL (VDOT TYPE 1 NO. 21B)



UNIVERSITY DRIVE (ST03) (RTE. 9999)
STA. 10+66 TO STA. 12+97
URBAN COLLECTOR (GS-7)
25 MPH DESIGN SPEED

NOTE:
ALL PAVEMENT WIDENING SHALL BE PERFORMED IN ACCORDANCE WITH STANDARD WP-2.

* DESIGN WAIVER REQUIRED - 8" MIN. PER VDOT RDM APPENDIX A-127



PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
 SURVEYED BY, DATE JIMMONS GROUP (804) 200-6500, 06/2017
 DESIGN BY JIMMONS GROUP (804) 200-6500
 SUBSURFACE UTILITY BY, DATE JIMMONS GROUP (804) 200-6500, 06/2017

EROSION & SEDIMENT CONTROL NOTES

REVISED	STATE	STATE		SHEET NO.
	ROUTE	PROJECT		
	VA.	9999	U000-151-198 P101	2C(1)

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO EXTEND UNIVERSITY DRIVE NORTHWARD FROM ITS CURRENT TERMINUS AT U.S. RTE. 29/50 TO ITS PROPOSED CONNECTION AT EATON PLACE IN THE CITY OF FAIRFAX, VIRGINIA. A SHARED-USE PATH WILL ALSO BE PROVIDED ALONG THE LENGTH OF THE PROJECT ON EITHER SIDE OF THE PROPOSED ROADWAY. THE ROADWAY IMPROVEMENTS WILL REQUIRE ACQUISITION OF RIGHT OF WAY AS WELL AS PERMANENT AND TEMPORARY EASEMENTS.

THE PROPOSED IMPROVEMENTS CONSIST OF APPROXIMATELY 850 LINEAR FEET OF UNIVERSITY DRIVE EXTENSION AND 1,700 LINEAR FEET OF SHARED USE PATH ALONG WITH ASSOCIATED DRAINAGE AND GRADING. A TOTAL OF XX ACRES WILL BE DISTURBED DURING CONSTRUCTION.

EXISTING SITE CONDITIONS

THE SURROUNDING TOPOGRAPHY FOR THE UNIVERSITY DRIVE EXTENSION PROJECT CONSISTS OF EXISTING PARKING LOTS AND RETAIL ESTABLISHMENTS, WHICH WILL BE DEMOLISHED PRIOR TO THE CONSTRUCTION OF UNIVERSITY DRIVE. THE SURROUNDING AREA IS INTENDED TO BE DEVELOPED ALONGSIDE THE CONSTRUCTION OF UNIVERSITY DRIVE.

ADJACENT PROPERTY

UNIVERSITY DRIVE EXTENDED IS SURROUNDED BY EXISTING COMMERCIAL AND OFFICE PROPERTY.

SOILS

THE PREDOMINANT SOIL FOR THIS PROJECT IS 95 URBAN LAND, SURROUNDED BY THE FOLLOWING SOIL TYPES:

- 105B WHEATON-GLENELG COMPLEX, 2 TO 7 PERCENT SLOPES
- 29A CODORUS SILT LOAM, 0 TO 2 PERCENT SLOPES
- 101 URBAN LAND-WHEATON COMPLEX
- 103A WHEATON-CODORUS COMPLEX, 0 TO 2 PERCENT SLOPES
- 105C WHEATON-GLENELG COMPLEX, 7 TO 15 PERCENT SLOPES
- 107B WHEATON-MEADOWVILLE COMPLEX, 2 TO 7 PERCENT SLOPES

OFF SITE AREAS

NO OFF-SITE STOCKPILE AREAS ARE NEEDED FOR THIS PROJECT. STOCKPILES WILL BE DETERMINED AND LOCATED BY THE CONTRACTOR AS REQUIRED.

CRITICAL EROSION AREAS

CRITICAL EROSION AREAS INCLUDE EXISTING ROADWAYS AND WORK AREAS IN AND AROUND EXISTING WETLANDS AND WATERS OF THE U.S.. ALL APPROPRIATE MEASURES HAVE BEEN ACCOUNTED FOR IN THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS.

EROSION & SEDIMENT CONTROL MEASURES

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESCH). THE MINIMUM STANDARDS OF THE VESCH SHALL BE ADHERED TO UNLESS OTHERWISE WAIVED OR APPROVED BY A VARIANCE.

THE TEMPORARY EROSION AND SILTATION CONTROL ITEMS SHOWN ON THE PLANS ARE INTENDED TO PROVIDE A GENERAL PLAN FOR CONTROLLING EROSION AND SILTATION WITHIN THE PROJECT LIMITS. THE EROSION & SEDIMENT CONTROL PLAN (ESC) 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 ENGINEER AND/OR ENVIRONMENTAL MONITOR, SHALL ADJUST THE LOCATION, QUANTITY, AND TYPE OF EROSION AND SEDIMENT CONTROL ITEMS REQUIRED BASED ON 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 EMERGENCY ANALYSIS) SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. ANY CHANGES TO THE ESC PLAN MUST BE NOTED ON A DESIGNATED PLAN SET (RECORD SET) WHICH SHALL BE RETAINED ON THE PROJECT SITE AND MADE AVAILABLE UPON REQUEST.

SEQUENCE OF CONSTRUCTION

1. SCHEDULE A PRECONSTRUCTION MEETING. GIVE 48 HOUR NOTIFICATION OF THE PRECONSTRUCTION MEETING TO THE CITY OF FAIRFAX. A CERTIFIED RESPONSIBLE LAND DISTURBER (CRLD) MUST BE PRESENT AT THE ON-SITE MEETING WITH THE INSPECTOR.
2. INSTALL PERIMETER CONTROLS INCLUDING SILT FENCE, ETC., AS SHOWN ON THE PHASE I EROSION CONTROL PLANS. INSTALL CULVERT INLET PROTECTION ON EXISTING STRUCTURES AND ROCK CHECK DAMS IN EXISTING DITCHES.
3. IF NECESSARY, THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY AGREEMENTS WITH PROPERTY OWNERS TO UTILIZE A STOCKPILE/STAGING AREA FOR THE STAGING AND STORAGE OF ALL MATERIALS.
4. TEMPORARY SEEDING IS REQUIRED WITHIN 7 DAYS OF DISTURBANCE FOR ALL AREAS WHICH ARE NOT TO BE ACTIVELY CONSTRUCTED UPON WITHIN 14 DAYS OF INITIAL DISTURBANCE.
5. INSPECTIONS AND APPROVALS FOR COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL ACTIVITIES MUST BE RECEIVED BEFORE FURTHER CONSTRUCTION ACTIVITIES CAN BEGIN. ALL APPROVALS SHALL BE FROM THE EE INSPECTOR.
6. COMMENCE ROUGH GRADING AS REQUIRED FOR THE PROPOSED PAVEMENT AND STORM SEWER. MAINTAIN SILT FENCE AT ALL TIMES AS DENOTED ON THE PLANS.
7. CONSTRUCT UNIVERSITY DRIVE, SHARED USE PATH, AND ASSOCIATED DRAINAGE SYSTEMS IN ACCORDANCE WITH THE SEQUENCE OF CONSTRUCTION PLAN. AS PHASES OF CONSTRUCTION PROGRESS IN ACCORDANCE WITH THE MAINTENANCE OF TRAFFIC PLANS, ALL EROSION CONTROL PRACTICES SHALL BE MAINTAINED, ADJUSTED, AND/OR ADDED PER THE PHASE II EROSION CONTROL PLANS TO ENSURE APPROPRIATE SEDIMENT CONTROL.
8. THE SITE SHALL BE PERMANENTLY STABILIZED AFTER ALL GRADING HAS BEEN COMPLETED BY SEEDING ALL DENUDED AREAS. EC-2 MATTING SHALL BE INSTALLED ON ALL SLOPES 2:1 AND STEEPER.
9. UPON CONSTRUCTION COMPLETION, THE CONTRACTOR MUST CONTACT THE CITY OF FAIRFAX FOR EROSION CONTROL INSPECTION OF SLOPE STABILITY. EROSION CONTROL MEASURES MAY NOT BE REMOVED WITHOUT AUTHORIZATION BY THE CITY INSPECTOR.
10. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUESTED BY THE CITY OF FAIRFAX AND/OR THE INSPECTOR AT ANY TIME DURING LAND DISTURBANCE.

MINIMUM STANDARDS

MS-1: PERMANENT SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN 14 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR.

MS-2: TEMPORARY SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. PROVIDE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL TRANSPORTED FROM THE PROJECT SITE.

MS-3: A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED THAT IN THE OPINION OF THE ARCHITECT/ENGINEER, IS UNIFORM, MATURE ENOUGH TO SURVIVE AND WILL INHIBIT EROSION.

MS-4: SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND-DISTRIBUTING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UPSLOPE LAND DISTURBANCE OR TIMBERING TAKES PLACE.

MS-5: STABILIZATION MEASURES SHALL BE APPLIED TO EARTHEN STRUCTURES SUCH AS DAMS, DIKES AND DIVERSIONS IMMEDIATELY AFTER INSTALLATION.

MS-6: SURFACE RUNOFF FROM DISTURBED AREAS THAT IS COMPRISED OF FLOW FROM DRAINAGE AREAS GREATER THAN OR EQUAL TO THREE ACRES SHALL BE CONTROLLED TO ACCOMMODATE THE ANTICIPATED SEDIMENT LOADING FROM THE LAND-DISTURBING ACTIVITY. THE OUTFALL DEVICE OR SYSTEM DESIGN SHALL TAKE INTO ACCOUNT THE TOTAL DRAINAGE AREAS FLOWING THROUGH THE DISTURBED AREA TO BE SERVED BY THE BASIN.

MS-7: CUT AND FILL SLOPES SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION. SLOPES THAT ARE FOUND TO BE ERODING EXCESSIVELY WITHIN ONE YEAR OF PERMANENT STABILIZATION SHALL BE PROVIDED WITH ADDITIONAL SLOPE STABILIZING MEASURES UNTIL THE PROBLEM IS CORRECTED.

MS-8: CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL OR SLOPE DRAIN STRUCTURE.

MS-9: WHENEVER WATER SEEPS FROM A SLOPE FACE, ADEQUATE DRAINAGE OR OTHER PROTECTION SHALL BE PROVIDED.

MS-10: ALL STORM SEWER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.

MS-11: BEFORE STORMWATER CONVEYANCE CHANNELS ARE MADE OPERATIONAL, ADEQUATE OUTLET PROTECTION AND ANY REQUIRED TEMPORARY OR PERMANENT CHANNEL LINING SHALL BE INSTALLED IN BOTH THE CONVEYANCE CHANNEL AND RECEIVING CHANNEL.

MS-12: WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION. NON-ERODIBLE MATERIAL SHALL BE USED FOR THE CONSTRUCTION OF CAUSEWAYS AND COFFERDAMS, EARTHEN FILL MAY BE USED FOR THESE STRUCTURES IF ARMORED BY NON-ERODIBLE COVER MATERIALS.

MS-13: WHEN A LIVE WATERCOURSE MUST BE CROSSED BY CONSTRUCTION VEHICLES MORE THAN TWICE IN ANY SIX-MONTH PERIOD, A TEMPORARY STREAM CROSSING CONSTRUCTED OF NON-ERODIBLE MATERIAL SHALL BE PROVIDED.

MS-14: ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS PERTAINING TO WORKING IN OR CROSSING LIVE WATERCOURSES SHALL BE MET.

MS-15: THE BED AND BANKS OF A WATERCOURSE SHALL BE STABILIZED IMMEDIATELY FOLLOWING AFTER WORK IN THE WATERCOURSE IS COMPLETED.

MS-16: UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:
 A. NO MORE THAN 500' OF TRENCH SHALL BE OPENED AT ONE TIME.
 B. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
 C. EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFFSITE PROPERTY.
 D. RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE REGULATIONS.
 E. APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH.

MS-17: WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY VEHICULAR TRACKING ONTO THE PAVED SURFACE. THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.

MS-18: ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE LOCAL AUTHORITY HAVING JURISDICTION. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.

MS-19: PROPERTIES AND WATERWAYS DOWNSTREAM FROM DEVELOPMENT SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION, EROSION AND DAMAGE DUE TO INCREASES IN VOLUME, VELOCITY AND PEAK FLOW RATE OF STORMWATER RUNOFF FOR THE STATED FREQUENCY STORM OF 24-HOUR DURATION IN ACCORDANCE WITH THE MINIMUM STANDARDS SET FORTH BY VIRGINIA REGULATIONS. SEE PROVIDED DRAINAGE AND STORMWATER MANAGEMENT BOOKLET FOR REVIEW OF COMPLIANCE AND MITIGATION.

PUBLIC HEARING PLANS



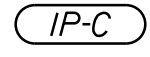
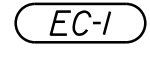

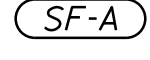



THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT-OF-WAY.

ADDITIONAL NOTES

1. CONTRACTOR MUST KEEP THE EXISTING ROAD FREE FROM BUILD-UP OF SOIL.
2. THE CONTRACTOR MUST DETERMINE A STOCKPILE AREA (IF NEEDED). IF AREA IS OUTSIDE THE LIMITS OF DISTURBANCE AS SHOWN IN THESE PLANS, THE LOCATION MUST BE SUBMITTED TO AND APPROVED BY THE CITY OF FAIRFAX PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR WILL PROVIDE THE LOCATION THE EXCESS SOIL IS HAULED TO OR BORROW MATERIAL IS BROUGHT IN FROM TO THE ENVIRONMENTAL ENGINEERING INSPECTOR AT THE PRE-CONSTRUCTION MEETING.
4. ANY ADDITIONAL PERMITTING FOR OFFSITE STOCKPILES, BORROW SOURCES, OR STAGING OF MEN/EQUIPMENT (IF REQUIRED) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

PHASE I	PHASE II	ITEM	
0	0	TON	OUTLET PROTECTION, EC-1
0	0	EA	INLET PROTECTION TYPE A
0	0	EA	INLET PROTECTION TYPE B
0	0	EA	INLET PROTECTION TYPE C
0	0	LF	TEMP. SILT FENCE TYPE A
0	0	LF	TEMP. SUPER SILT FENCE TYPE B
0	0	LF	TEMP. SAFETY FENCE
0	0	EA	ROCK CHECK DAM TYPE II
0	0	LF	TEMPORARY SLOPE DRAIN
0	0	CY	SILTATION CONTROL EXCAVATION

EROSION CONTROL LEGEND

-  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 CULVERT INLET PROTECTION TYPE C, ST'D. EC-6
-  EC-1 DENOTES OUTLET PROTECTION, ST'D. EC-1
-  RCD-2 DENOTES ROCK CHECK DAM TYPE 2, ST'D. EC-4
-  SF-A DENOTES TEMPORARY SILT FENCE TYPE A, ST'D. EC-5
-  SF-B DENOTES TEMPORARY SUPER SILT FENCE TYPE B, ST'D. EC-5
-  SAF DENOTES TEMPORARY SAFETY FENCE, VESCH ST'D. 3.01
-  TSD DENOTES 12" TEMPORARY SLOPE DRAIN, ST'D. EC-10

NOTES:
 1. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE VDOT R&B STANDARDS REFERENCED ABOVE. REFER TO THE VESCH FOR FURTHER DETAILS.
 2. ALL CULVERT ENTRANCES SHALL BE PROTECTED PER ST'D. EC-6 TYPE C WITH SILT FENCE AND CHECK DAMS WHERE SHOWN (CIP)

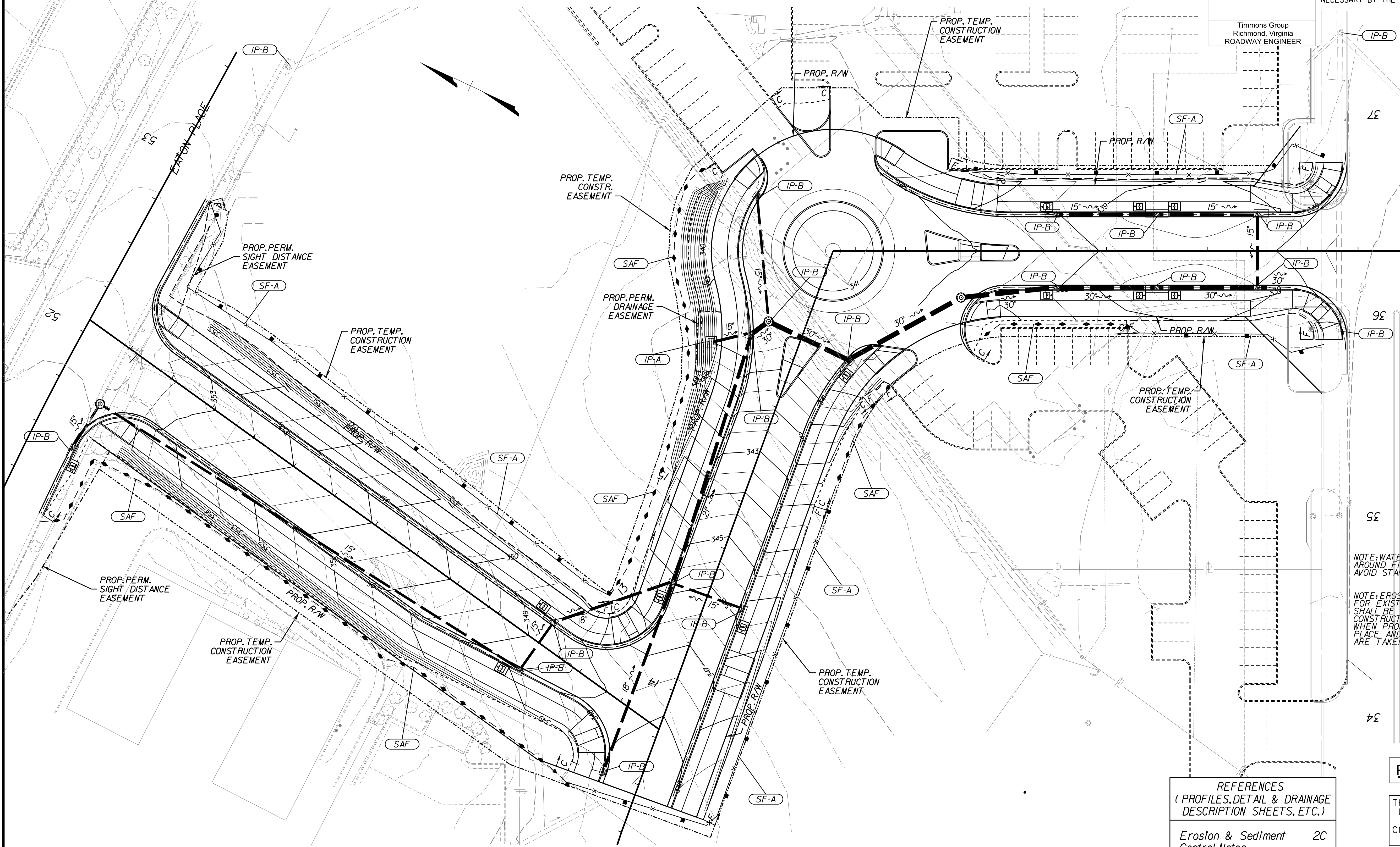
PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
 SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018
 DESIGN BY TIMMONS GROUP (804) 200-6500
 SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018

EROSION & SEDIMENT CONTROL PLAN

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198 PIOI	2C(2)

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

Timmons Group
Richmond, Virginia
ROADWAY ENGINEER



NOTE: WATER IS TO BE DIVERTED AROUND FILTERRAS AND SHALL AVOID STANDING WATER.

NOTE: EROSION CONTROL MEASURES FOR EXISTING DRAINAGE FACILITIES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION OR UNTIL SUCH TIME WHEN PROPOSED FACILITIES ARE IN PLACE AND/OR EXISTING FACILITIES ARE TAKEN OUT OF SERVICE.

PUBLIC HEARING 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.

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

Erosion & Sediment Control Notes	2C
Roadway Plan	3

- PROPOSED RIGHT-OF-WAY
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - PERMANENT SLOPE/DRAINAGE EASEMENT

SCALE 0 25' 50'	PROJECT U000-151-198	SHEET NO. 2C(2)
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PROJECT MANAGER WENDY BLOCK, SANFORD (CITY OF FAIRFAX), (703) 385-7889
 SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017
 DESIGN BY TIMMONS GROUP (804) 200-6500
 SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017

ROADSIDE DEVELOPMENT

PUBLIC HEARING PLANS

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198 PI01	2D

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

CORE MIX

MIX	LBS./ACRES	DESCRIPTION
1	▲	* 100% CERTIFIED FINE FESCUE
2	▲	100% CERTIFIED TALL FESCUE
3	▲ 50	50% CERTIFIED TALL FESCUE
	▲ 50	* 50% CERTIFIED FINE FESCUE
4	▲	50% ORCHARDGRASS
	▲	50% CERTIFIED KENTUCKY BLUEGRASS
5	▲	100% BERMUDAGRASS
C 1, 2 & 3		CUSTOM MIX
T1	50	50% CERTIFIED TALL FESCUE
	50	50% BARLEY, WINTER RYE OR WINTER WHEAT
T2	50	50% FOXTAIL MILLET
	50	50% CERTIFIED TALL FESCUE

ADDITIVES

TYPE	LBS./ACRES	DESCRIPTION
A	▲	100% LOVEGRASS
B	▲	100% BARLEY, WINTER RYE OR WINTER WHEAT
C	▲ 15	100% FOXTAIL MILLET
D	▲ 15	100% ANNUAL RYEGRASS
E	▲	100% BLUE GRAMA
F	▲	100% ALFALFA
G	▲	100% WHITE CLOVER
H	▲	* * 100% CROWN VETCH (LEGUME)
I	▲	* * 100% SERICEA LESPEDEZA (LEGUME)
J	▲	* * 100% BIRDSFOOT TREFOIL (LEGUME)
K	▲	POLLINATOR SEED MIX

NOTES:

APPROXIMATELY 1.87 ACRES WILL BE DISTURBED ON THIS PROJECT AND WILL REQUIRE THE ESTABLISHMENT OF GRASSES AND/OR LEGUMES.

☆ NOTES FOR FIELD USE ONLY

OVERSEEDING RATES SHALL BE 100 PERCENT OF THE SEED MIXTURE SUPPLIED WITHOUT FERTILIZER.

THE ENGINEER WILL REQUIRE THE CONTRACTOR TO PERFORM SUPPLEMENTAL SEEDING WHEN LESS THAN 75 PERCENT UNIFORM STAND OF THE PERMANENT GRASS SPECIFIED IN THE MIXTURES IS OBTAINED. (ANNUAL SPECIES SUCH AS, RYE AND MILLET ARE TEMPORARY VARIETIES AND REQUIRE SUPPLEMENTAL SEEDING.)

NOTES APPLY TO SCHEDULE

LEGUME SEED MIXES (BIRDSFOOT TREFOIL, CROWN VETCH, AND SERICEA LESPEDEZA) AND WEEPING LOVEGRASS SHALL NOT BE USED ON SHOULDERS AND OTHER LOCATIONS FLATTER THAN 3:1 SLOPE.

LEGUME SEED SHALL BE INOCULATED WITH THE APPROPRIATE STRAIN AND RATE OF BACTERIA. FOR HYDROSEEDING, USE FIVE TIMES THE DRY SEEDING RATE OF INOCULATE.

A TEMPORARY MIX OR EROSION CONTROL MULCH, AS DIRECTED BY THE ENGINEER, IS TO BE USED ONLY ON AREAS THAT ARE TO BE REGRADED OR LATER DISTURBED, IF LEFT DORMANT FOR MORE THAN 15 DAYS.

EROSION CONTROL MULCH, AS DIRECTED BY THE ENGINEER, IS TO BE USED ON AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN 15 DAYS BETWEEN DECEMBER 1 AND FEBRUARY 28.

EROSION CONTROL MULCH, AS LISTED ON THE VDOT APPROVED PRODUCTS LIST, SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

EROSION CONTROL MULCH SHALL PROVIDE 100 PERCENT COVERAGE OF ALL DENUDED AREAS. SPRING & SUMMER AND FALL & WINTER DEFINED FOR THE PURPOSE OF DETERMINING WHETHER HULLED OR UNHULLED BERMUDAGRASS AND SERICEA LESPEDEZA SEED IS REQUIRED:

SPRING & SUMMER 3/1 - 9/15 - USE HULLED SEED
 FALL & WINTER 9/15 - 2/29 - USE UNHULLED SEED

TYPE I MULCH (STRAW) TO BE USED ON NEWLY SEEDED AREAS ADJACENT TO ALL WATERWAYS, WETLANDS, SWAMPS, OR ANY AREA IN WHICH DRAINAGE FLOWS TOWARD AREAS UNDER THE JURISDICTION OF THE ENVIRONMENTAL REGULATORY AGENCIES.

TYPE I MULCH SHALL BE APPLIED TO PROVIDE A MINIMUM 90 PERCENT COVERAGE.

TYPE I MULCH SHALL BE TACKED WITH FIBER MULCH AT THE RATE OF 750 LBS. PER ACRE AND/OR MULCH TACKIFIER.

TYPE II MULCH (FIBER MULCH) MAY BE SUBSTITUTED FOR TYPE I MULCH AT THE RECOMMENDATION OF THE DISTRICT ROADSIDE MANAGER.

TYPE II MULCH SHALL BE APPLIED AT A RATE OF 1500 LBS. (NET DRY WEIGHT) PER ACRE TO PROVIDE A MINIMUM OF 90 PERCENT COVERAGE, AND SHALL BE APPLIED IN A SEPARATE APPLICATION.

ALL TOPSOIL IS TO BE FREE OF HARD LUMPS, CLODS, ROCKS AND FOREIGN DEBRIS AND IS TO BE HAND RAKED TO TIE INTO EXISTING LAWNS.

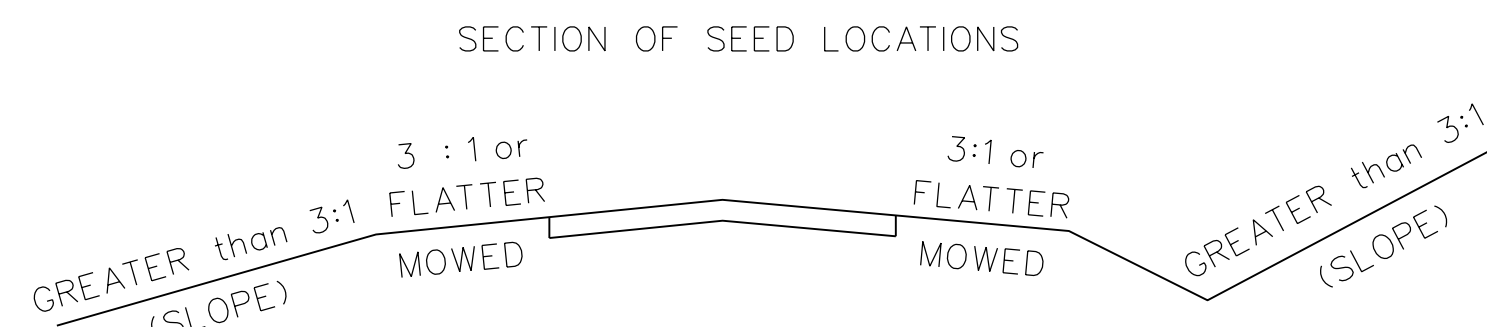
ALL SEED MUST BE IN CONFORMANCE WITH VDOT SEED SPECIFICATIONS FOR GRASSES & LEGUMES AND BE PROVIDED AT THE PROJECT SITE IN BAGS NOT OPENED AND LABELED FOR USE ON VDOT PROJECTS WITH A GREEN TAG CERTIFYING INSPECTION BY THE VIRGINIA CROP IMPROVEMENT ASSOCIATION.

MIX REQUIREMENTS THIS PROJECT

RECOMMENDATIONS FOR THE APPLICATION OF SEED MIXTURES (CORE MIX AND ADDITIVES), FERTILIZER, LIME, ETC. ARE TO BE OBTAINED FROM THE DISTRICT ROADSIDE MANAGER.

SEEDING SCHEDULE

CODES LISTED IN TABLE REFER TO THE LISTS OF CORE MIXES & ADDITIVES, WHICH SHOW SEED NAMES & APPLICATION RATES FOR THIS PROJECT.	SLOPES SEED MIX WITH ADDITIVE	MOWED SEED MIX WITH ADDITIVE	SLOPES SEED MIX WITH ADDITIVE	MOWED SEED MIX WITH ADDITIVE	SLOPES SEED MIX WITH ADDITIVE	MOWED SEED MIX WITH ADDITIVE	SLOPES SEED MIX WITH ADDITIVE	MOWED SEED MIX WITH ADDITIVE
	SPRING MONTH & DATE		SUMMER MONTH & DATE		FALL MONTH & DATE		WINTER/DORMANT MONTH & DATE	
	3/1 - 5/15		5/16 - 9/15		9/16 - 11/15		11/16 - 2/29	
PROJECT NUMBERS AND/OR LOCATION								
0663-020-R81	3, D	3, D	3, C	3, C	3, C	3, D	3, D	3, D
* SPECIFY KIND OF FINE FESCUE	HARD	HARD	HARD	HARD	HARD	HARD	HARD	HARD



ROADSIDE DEVELOPMENT SUMMARY

PROJECT NUMBERS AND/OR LOCATION DESC.	REGULAR SEED	OVER SEEDING	LEGUME SEED	LEGUME OVER SEEDING	TEMPORARY SEED	⊗ TOPSOIL 2" CLASS A	LIME	FERTILIZER				HECP (TYPE 1)	HECP (TYPE 2)	HECP (TYPE 3)	HECP (TYPE 4)
								N	P	K					
								NITROGEN	PHOSPHORUS	POTASSIUM					
	LBS.	LBS.	LBS.	LBS.	LBS.	ACRES	TONS	LBS.	LBS.	LBS.	S. Y.	S. Y.	S. Y.	S. Y.	
0663-020-R81	270	216	0	0	188	1.87	8.4	179	246	123	0	8496	11894	0	
TOTAL	270	216	0	0	188	1.87	8.4	179	246	123	0	8496	11894	0	

⊗ DENOTES ITEM(S) TO BE PAID FOR ON THE BASIS OF PLAN QUANTITIES IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE CURRENT ROAD AND BRIDGE SPECIFICATIONS.

PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
 SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017
 DESIGN BY TIMMONS GROUP (804) 200-6500
 SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017

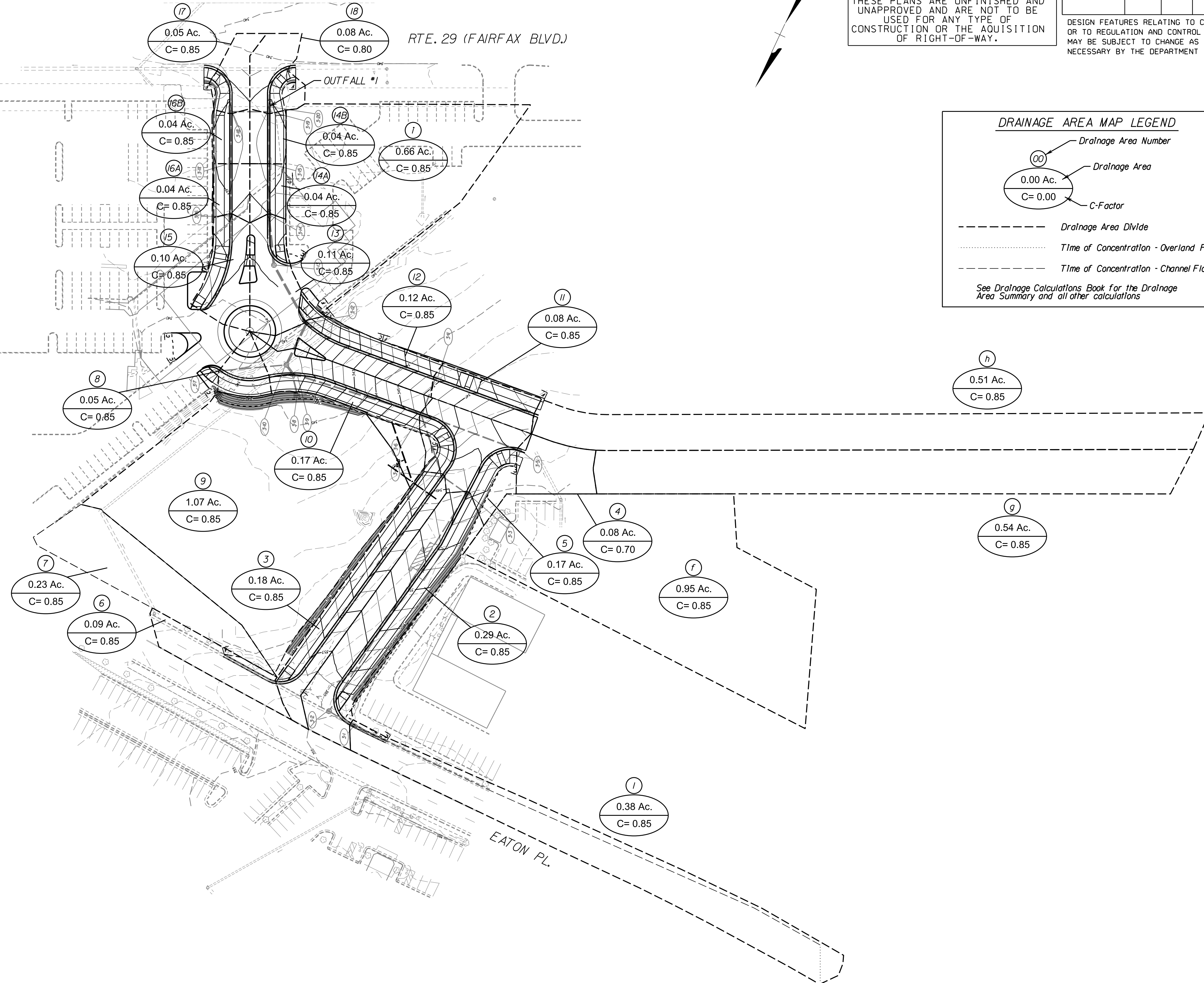
DRAINAGE AREA MAP

PUBLIC HEARING PLANS

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

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198 PI01	2E

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



DRAINAGE AREA MAP LEGEND

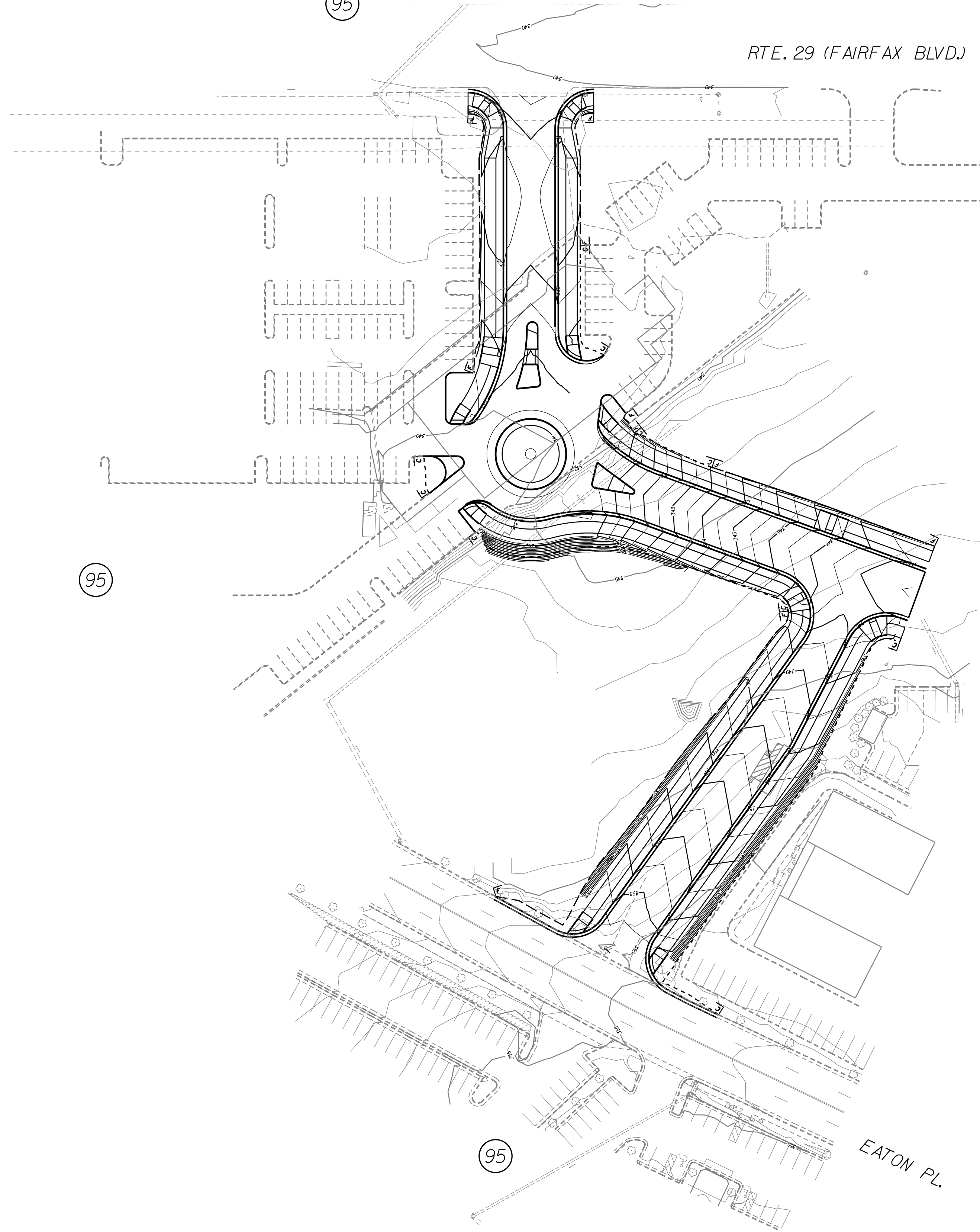
- Drainage Area Number
- Drainage Area
- 0.00 Ac. C=0.00
- C-Factor
- - - Drainage Area Divide
- Time of Concentration - Overland Flow
- - - Time of Concentration - Channel Flow

See Drainage Calculations Book for the Drainage Area Summary and all other calculations

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SOIL SURVEY MAP

RTE. 29 (FAIRFAX BLVD.)



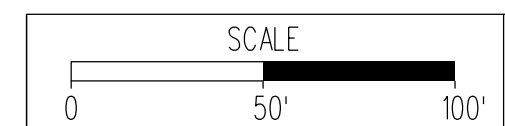
PUBLIC HEARING PLANS

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	9999		U000-151-198 P101	2F

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

MAP SYMBOL	SOIL TYPE	CLASS
(95)	Urban Land	N/A



PROJECT
U000-151-198

SHEET NO.
2F

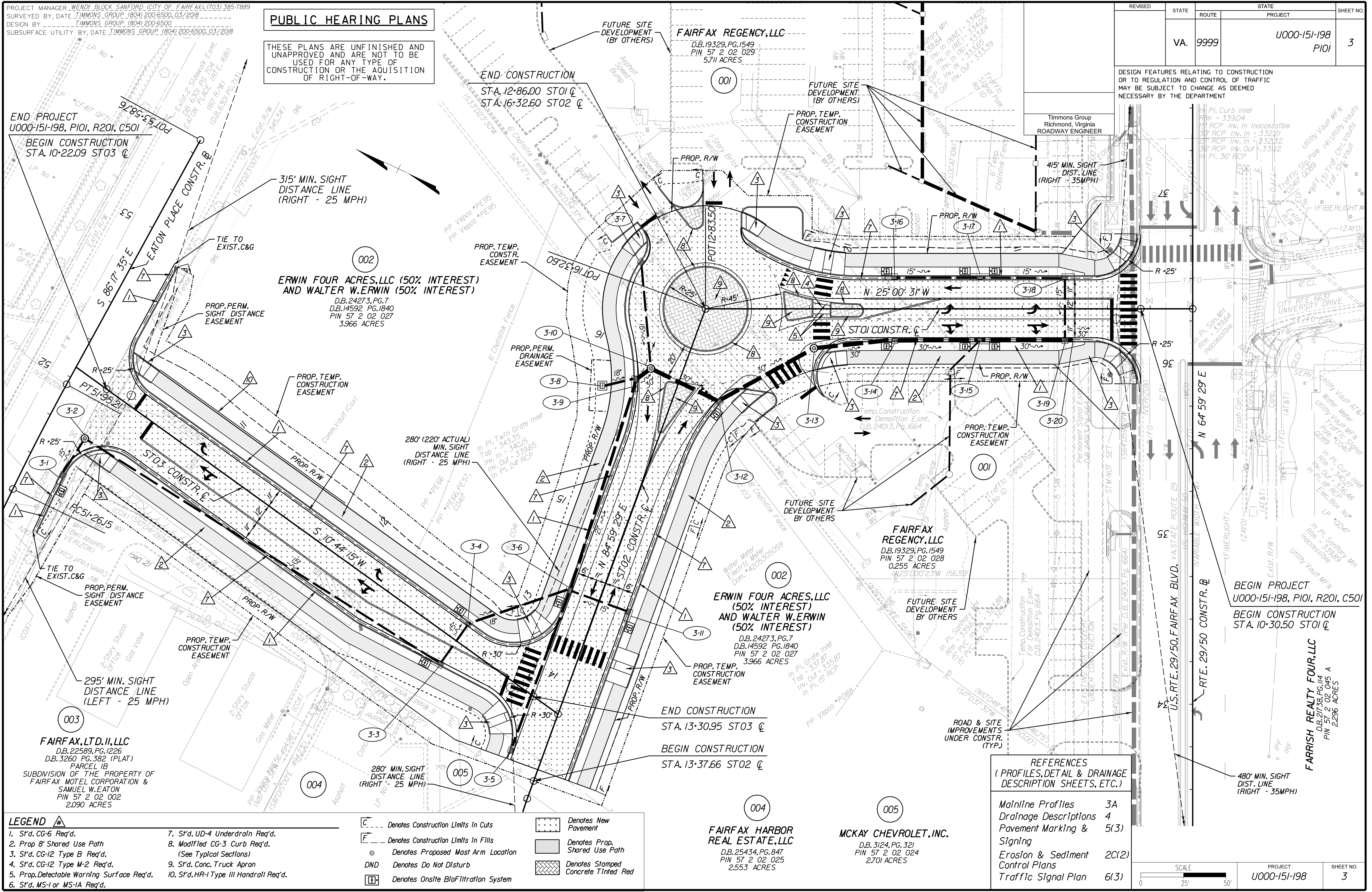
PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
 SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018
 DESIGN BY TIMMONS GROUP (804) 200-6500
 SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018

PUBLIC HEARING PLANS

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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	9999		U000-151-198 PIOI	3

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



- LEGEND**
- 1. St'd. CG-6 Req'd.
 - 2. Prop 8' Shared Use Path
 - 3. St'd. CG-12 Type B Req'd.
 - 4. St'd. CG-12 Type M-2 Req'd.
 - 5. Prop. Detectable Warning Surface Req'd.
 - 6. St'd. MS-1 or MS-1A Req'd.
 - 7. St'd. UD-4 Underdrain Req'd.
 - 8. Modified CG-3 Curb Req'd. (See Typical Sections)
 - 9. St'd. Conc. Truck Apron
 - 10. St'd. HR-1 Type III Handrail Req'd.

- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills
- Denotes Proposed Mast Arm Location
- DND Denotes Do Not Disturb
- Denotes Onsite BioFiltration System
- Denotes New Pavement
- Denotes Prop. Shared Use Path
- Denotes Stamped Concrete Tinted Red

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

Mainline Profiles	3A
Drainage Descriptions	4
Pavement Marking & Signing	5(3)
Erosion & Sediment Control Plans	2C(2)
Traffic Signal Plan	6(3)

SCALE	PROJECT	SHEET NO.
0 25 50	U000-151-198	3

PROJECT MANAGER: WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
 SURVEYED BY, DATE: TIMMONS GROUP (804) 200-6500, 06/2017
 DESIGN BY: TIMMONS GROUP (804) 200-6500
 SUBSURFACE UTILITY BY, DATE: TIMMONS GROUP (804) 200-6500, 06/2017

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	0663-020-R81 C501	3A

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

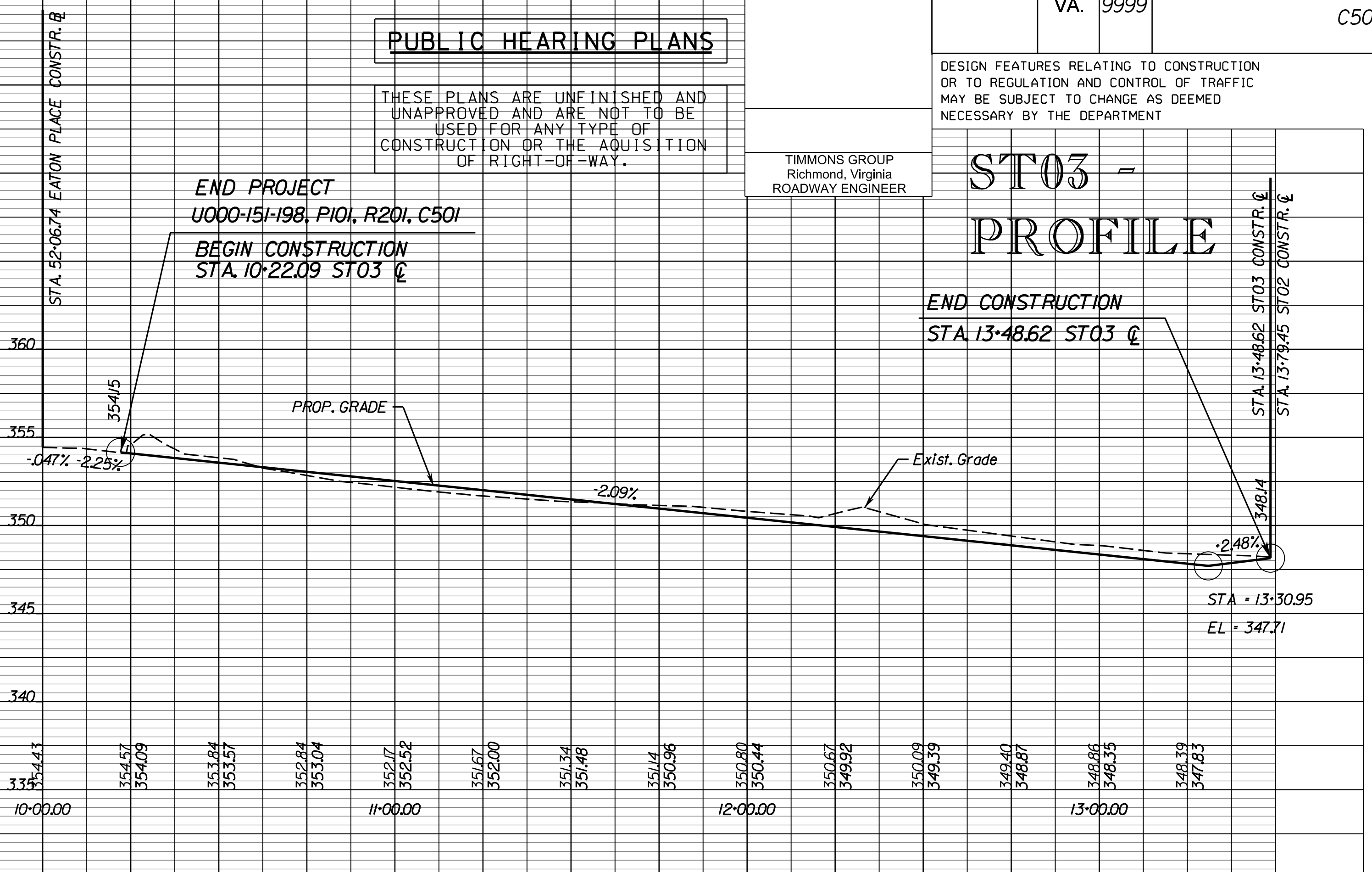
TIMMONS GROUP
Richmond, Virginia
ROADWAY ENGINEER

PUBLIC HEARING PLANS

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ST03 - PROFILE

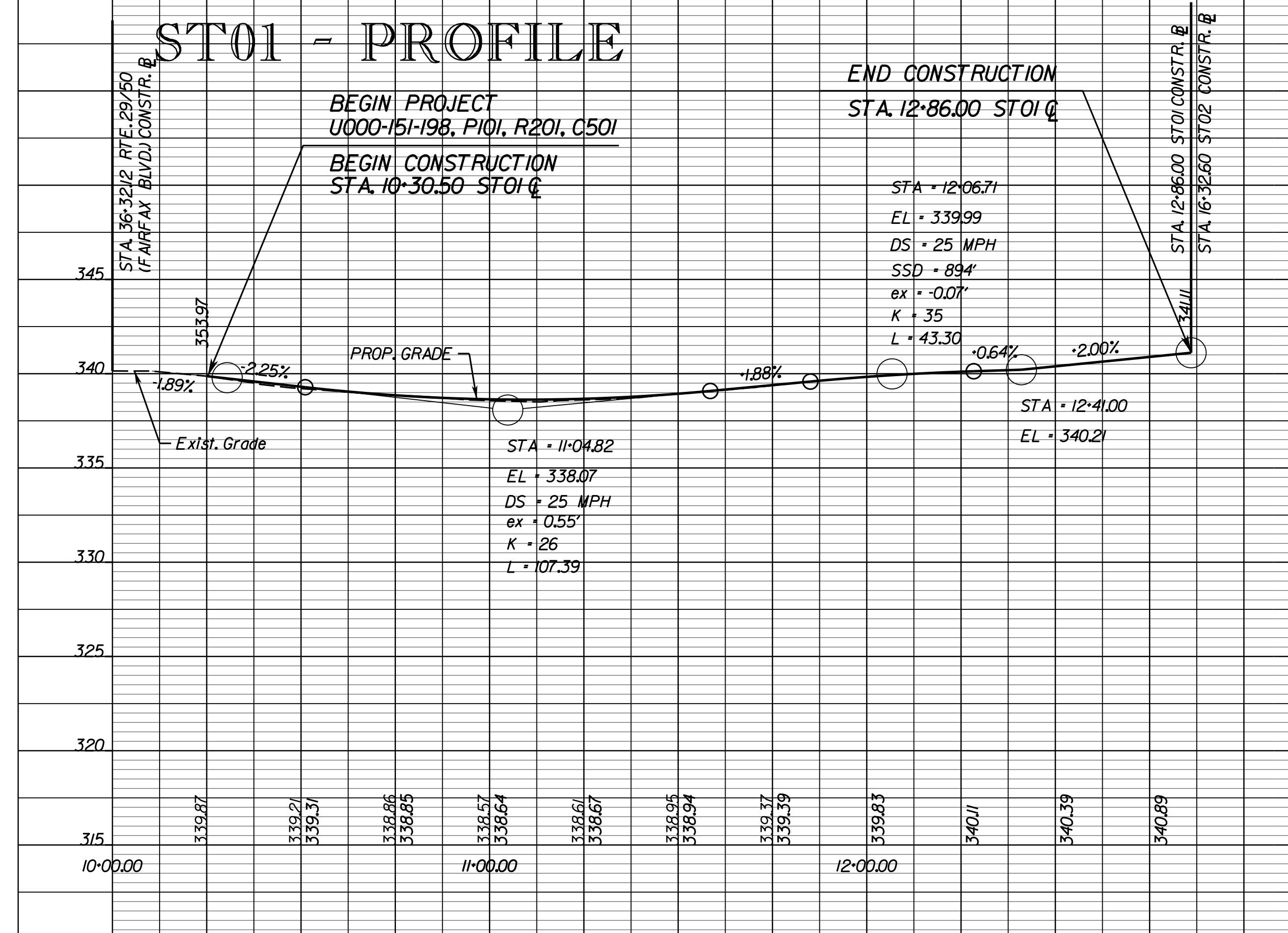
END CONSTRUCTION
STA 13+48.62 ST03 C



ST01 - PROFILE

BEGIN PROJECT
U000-151-198, P101, R201, C501
BEGIN CONSTRUCTION
STA 10+30.50 ST01 C

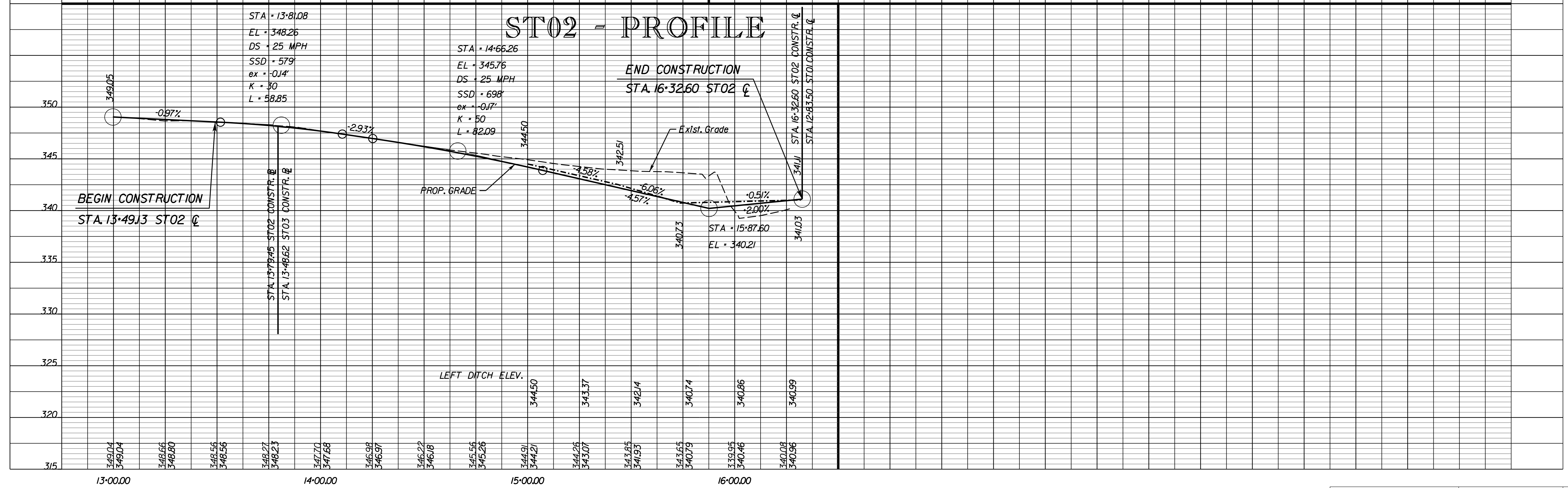
END CONSTRUCTION
STA 12+86.00 ST01 C



ST02 - PROFILE

BEGIN CONSTRUCTION
STA 13+49.13 ST02 C

END CONSTRUCTION
STA 16+32.60 ST02 C



PROJECT MANAGER WENDY BLOCK, SANFORD (CITY OF FAIRFAX), (703) 385-7889
SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018
DESIGN BY TIMMONS GROUP (804) 200-6500
SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018

PUBLIC HEARING PLANS

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DRAINAGE DESCRIPTIONS

REVISED	STATE	STATE		SHEET NO.
	VA.	ROUTE 9999	PROJECT U000-151-198 PI01	
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT				
Timmons Group Richmond, Virginia ROADWAY ENGINEER				

SHEET 3

- | | |
|--|---|
| <p>3-1 1 - ST'D. DI-2B REQ'D.
INV. = 351.8', H = 4.0', L = 6'
1 - U.D. CONN. REQ'D.</p> <p>3-1 3-2 24' - 15" STORM SEWER PIPE REQ'D.
INV. (IN) = 351.8', INV. (OUT) = 351.35'
COVER = 2' & VAR.</p> <p>3-2 40 L.F. - ST'D. MH-1 OR 2 REQ'D.
INV. = 351.25', ST'D. IS-1 REQ'D.
ST'D. MH-1 FRAME & COVER REQ'D.</p> <p>3-2 3-3 246' - 15" STORM SEWER PIPE REQ'D.
INV. (IN) = 351.25', INV. (OUT) = 345.0'
COVER = 2' & VAR.</p> <p>3-3 1 - ST'D. DI-2B REQ'D.
INV. = 344.91', H = 4.0', L = 6'
1 - U.D. CONN. REQ'D., ST'D. IS-1 REQ'D.</p> <p>3-3 3-4 27' - 15" STORM SEWER PIPE REQ'D.
INV. (IN) = 344.91', INV. (OUT) = 344.6'
COVER = 2' & VAR.</p> <p>3-4 1 - ST'D. DI-2B REQ'D.
INV. = 343.2', H = 5.8', L = 6'
1 - U.D. CONN. REQ'D., ST'D. IS-1 REQ'D.</p> <p>3-4 3-6 62' - 18" STORM SEWER PIPE REQ'D.
INV. (IN) = 343.2', INV. (OUT) = 342.27'
COVER = 2' & VAR.</p> <p>3-5 1 - ST'D. DI-2A REQ'D.
INV. = 344.55', H = 4.0'</p> <p>3-5 3-6 97' - 18" STORM SEWER PIPE
INV. (IN) = 344.55', INV. (OUT) = 343.7'
COVER = 2' & VAR.</p> <p>3-11 1 - ST'D. DI-2B REQ'D.
INV. = 342.17', H = 4.0', L = 6'
1 - U.D. CONN. REQ'D.</p> <p>3-11 3-6 35' - 15" STORM SEWER PIPE REQ'D.
INV. (IN) = 342.17', INV. (OUT) = 341.87'
COVER = 2' & VAR.</p> <p>3-6 1 - ST'D. DI-2B REQ'D.
INV. = 341.57', H = 4.6', L = 6'
1 - U.D. CONN. REQ'D., ST'D. IS-1 REQ'D.</p> <p>3-6 3-9 128' - 21" STORM SEWER PIPE REQ'D.
INV. (IN) = 341.57', INV. (OUT) = 340.0'
COVER = 2' & VAR.</p> <p>3-8 1 - ST'D. DI-1 REQ'D.
INV. = 336.2', H = 3.6'</p> <p>3-8 3-9 18' - 18" STORM SEWER PIPE REQ'D.
INV. (IN) = 336.2', INV. (OUT) = 336.1'
COVER = 2' & VAR.</p> <p>3-9 1 - ST'D. DI-2B REQ'D.
INV. = 336.1', H = 4.4', L = 8', ST'D. IS-1 REQ'D.
1 - U.D. CONN. REQ'D.</p> <p>3-9 3-10 10' - 30" STORM SEWER PIPE REQ'D.
INV. (IN) = 336.1', INV. (OUT) = 336.05'
COVER = 2' & VAR.</p> <p>3-7 1 - ST'D. DI-2A REQ'D.
INV. = 336.35', H = 4.3'</p> <p>3-7 3-10 63' - 15" STORM SEWER PIPE REQ'D.
INV. (IN) = 336.35', INV. (OUT) = 336.1'
COVER = 2' & VAR.</p> | <p>3-10 5.9 L.F. - ST'D. MH-1 OR 2 REQ'D.
INV. = 335.85', ST'D. IS-1 REQ'D.
ST'D. MH-1 FRAME & COVER REQ'D.
SET ATOP EXIST. PIPE</p> <p>3-10 3-12 44' - 30" STORM SEWER PIPE REQ'D.
INV. (IN) = 335.85', INV. (OUT) = 335.15'
COVER = 2' & VAR.</p> <p>3-12 1 - ST'D. DI-2A REQ'D.
INV. = 335.05', H = 5.9', ST'D. IS-1 REQ'D.
1 - U.D. CONN. REQ'D.</p> <p>3-12 3-13 63' - 30" STORM SEWER PIPE REQ'D.
INV. (IN) = 335.05', INV. (OUT) = 333.95'
COVER = 2' & VAR.</p> <p>3-13 5.8 L.F. - ST'D. MH-1 OR 2 REQ'D.
INV. = 333.85', ST'D. IS-1 REQ'D.
ST'D. MH-1 FRAME & COVER REQ'D.</p> <p>3-13 3-14 46' - 30" STORM SEWER PIPE REQ'D.
INV. (IN) = 333.85', INV. (OUT) = 333.5'
COVER = 2' & VAR.</p> <p>3-14 1 - ST'D. DI-2A REQ'D.
INV. = 333.4', H = 6.0', ST'D. IS-1 REQ'D.
1 - U.D. CONN. REQ'D.</p> <p>3-14 3-15 50' - 30" STORM SEWER PIPE REQ'D.
INV. (IN) = 333.4', INV. (OUT) = 333.1'
COVER = 2' & VAR.</p> <p>3-15 1 - ST'D. DI-2C REQ'D.
INV. = 333.0', H = 6.2', L = 6', ST'D. IS-1 REQ'D.
2 - U.D. CONN. REQ'D.</p> <p>3-15 3-19 50' - 30" STORM SEWER PIPE REQ'D.
INV. (IN) = 333.0', INV. (OUT) = 332.6'
COVER = 2' & VAR.</p> <p>3-16 1 - ST'D. DI-2B REQ'D.
INV. = 335.39', H = 4.0', L = 6'
1 - U.D. CONN. REQ'D.</p> <p>3-16 3-17 50' - 15" STORM SEWER PIPE REQ'D.
INV. (IN) = 335.39', INV. (OUT) = 334.84'
COVER = 2' & VAR.</p> <p>3-17 1 - ST'D. DI-2C REQ'D.
INV. = 334.74', H = 4.0', L = 6', ST'D. IS-1 REQ'D.
2 - U.D. CONN. REQ'D.</p> <p>3-17 3-18 50' - 15" STORM SEWER PIPE REQ'D.
INV. (IN) = 334.74', INV. (OUT) = 334.0'
COVER = 2' & VAR.</p> <p>3-18 1 - ST'D. DI-2B REQ'D.
INV. = 333.9', H = 5.0', L = 6', ST'D. IS-1 REQ'D.
1 - U.D. CONN. REQ'D.</p> <p>3-18 3-19 35' - 15" STORM SEWER PIPE REQ'D.
INV. (IN) = 333.9', INV. (OUT) = 333.0'
COVER = 2' & VAR.</p> <p>3-19 1 - ST'D. DI-2A REQ'D.
INV. = 332.5', H = 6.0', ST'D. IS-1 REQ'D.
1 - U.D. CONN. REQ'D.</p> <p>3-19 3-20 4' - 30" STORM SEWER PIPE REQ'D.
INV. (IN) = 332.5', INV. (OUT) = 332.45'
COVER = 2' & VAR.</p> <p>3-20 TIE TO BOX CULVERT
INV. = 332.45'</p> |
|--|---|

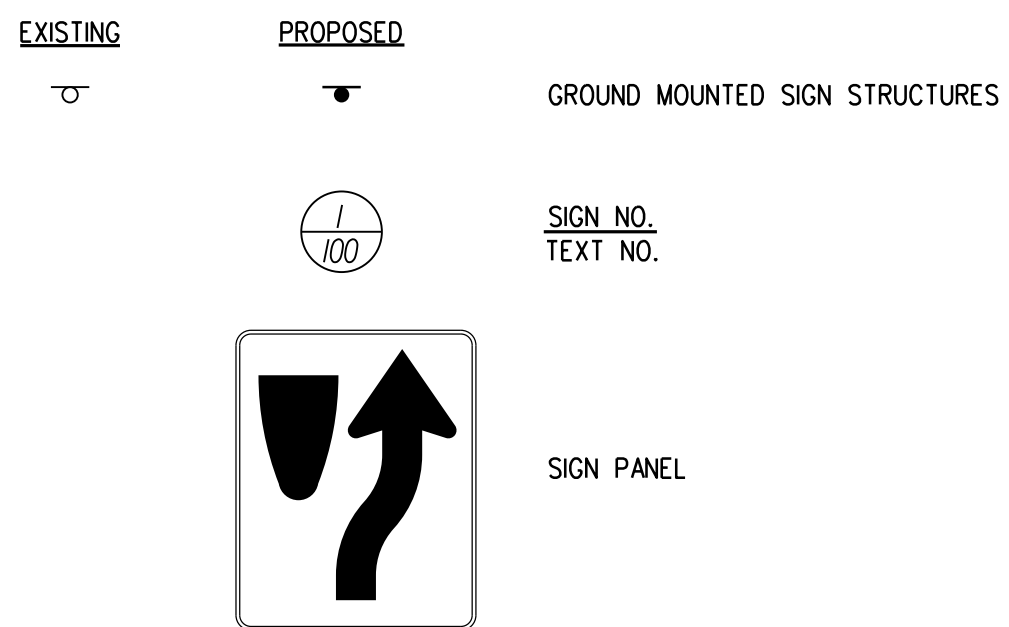
NOTES:
- ALL STRUCTURES 4.0' IN DEPTH OR GREATER WILL REQUIRE STEPS IN ACCORDANCE WITH VDOT STANDARD ST-1.
- ALL INLET STRUCTURES ARE TO USE A TYPE B NOSE.
- PIPES INDICATED AS STORM SEWER PIPE SHALL BE CLASS III RCP UNLESS COVER IS LESS THAN 2', IN WHICH CASE CLASS IV RCP SHALL BE USED.

PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
 SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017
 DESIGN BY TIMMONS GROUP (804) 200-6500
 SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017

GENERAL NOTES

- Unless otherwise approved by the Engineer, existing traffic signs which are to be relocated shall remain in place until the new sign structure is in place.
 - The removal or modification of existing sign panels, structures, or foundations shall conform to section 510 of the specifications.
 - New materials and items required to complete the removal or modification of existing items shall be submitted to the Engineer for review and approval in accordance with section 105 of the specifications.
 - All existing and proposed sign locations are approximate and shall be field verified by the contractor. All proposed sign locations shall be according to VDOT standards and shall be approved by the Engineer.
 - All striping, where matching to existing, shall be done in a manner approved by the Engineer.
6. Definition of Symbols:
- "A" Indicates the type of structure or sign panel.
(see "Definition of Types")
 "B" Indicates the action descriptions.
(see "Action Descriptions")
- EXAMPLE :
- SP-1 Sign Panel 0-100 S.F.
 Q Relocate existing sign panel, Type ()
- USP-1 U - Type Steel Post EA.
 G Remove and dispose of sign structure, Type ()
- Raised pavement markers shall be installed according to the standard details.
 - Existing pavement markings and/or markers that conflict with the proposed markings and/or markers shown herein shall be eradicated.
 - For lane and shoulder widths, see Roadway Plans and Typical Sections.
 - Proposed signs and pavement marking shall be according to VDOT standards.
 - Cost of Class A3 concrete foundation required for wood posts shall be included with the cost of the wood post.
 - Existing signs to be removed within project limits unless otherwise noted on plans.

SIGNING LEGEND



* ACTION DESCRIPTIONS

- G. REMOVE AND DISPOSE OF SIGN STRUCTURE, TYPE (), will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removal and disposal of sign panels, posts and foundations to at least two feet below existing ground line, backfilling and restoration (topsoiling and seeding), and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- H. REMOVE AND SALVAGE SIGN STRUCTURE, TYPE (), will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removal and salvage of sign panels, posts and foundations to at least two feet below existing ground line, backfilling and restoration (topsoiling and seeding), and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- Q. RELOCATE EXISTING SIGN PANEL, TYPE (), will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removing existing panel, refurbishing framing members, furnishing and installing necessary back panels, erecting existing sign panel to new breakaway posts, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- S. REMOVE AND DISPOSE OF EXISTING SIGN PANEL, TYPE (), will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removing and disposing of sign panels and for all materials, labor, tools, equipment and incidentals necessary to complete the work.

*The cost of all action descriptions listed above shall be included in lump sum contract price.

PUBLIC HEARING PLANS

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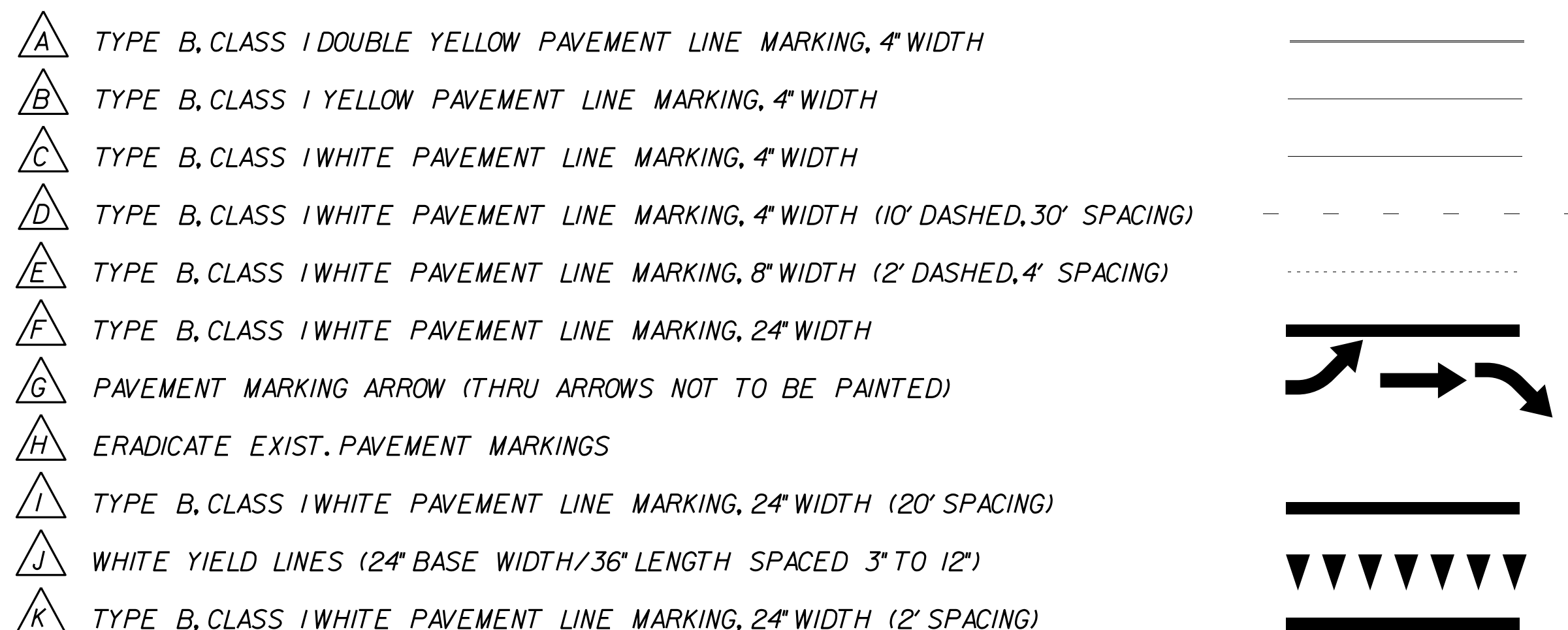
REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198 PI01	5(1)

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

DEFINITION OF TYPES

TYPE	DESCRIPTION	SIZE
DP-1	O/H Double Pole	50 - 75 L. F.
DP-2	O/H Double Pole	76 - 101 L. F.
DP-3	O/H Double Pole	102 - 127 L. F.
DP-4	O/H Double Pole	128 - 153 L. F.
DP-5	O/H Double Pole	154 - 179 L. F.
DP-6	O/H Double Pole	180 - 205 L. F.
DC-1	O/H Double Pole & Cantilever	75 - 100 L. F.
DC-2	O/H Double Pole & Cantilever	101 - 126 L. F.
DC-3	O/H Double Pole & Cantilever	127 - 152 L. F.
DC-4	O/H Double Pole & Cantilever	153 - 178 L. F.
DC-5	O/H Double Pole & Cantilever	179 - 204 L. F.
DC-6	O/H Double Pole & Cantilever	205 - 230 L. F.
CS-1	O/H Single Arm Cantilever	25 - 40 L. F.
CS-2	O/H Single Arm Cantilever	41 - 60 L. F.
CD-1	O/H Double Arm Cantilever	50 - 74 L. F.
CD-2	O/H Double Arm Cantilever	75 - 125 L. F.
CD-3	O/H Double Arm Cantilever	126 - 175 L. F.
CD-4	O/H Double Arm Cantilever	176 - 225 L. F.
BM	O/H Bridge Mount	EA
I	Non-breakaway Single Metal Pole	EA
II	Non-breakaway Two Metal Poles	EA
III	Non-breakaway Three Metal Poles	EA
IV	Breakaway Single Round Metal Pole	EA
V	Breakaway Single Metal Pole	EA
VI	Breakaway Two Metal Poles	EA
VII	Breakaway Three Metal Poles	EA
VIII	3 1/2" Rolled Rail Steel Pole	EA
WP-1	Single Wood Post	EA
WP-2	Two Wood Posts	EA
SP-1	Sign Panel	0 - 100 S. F.
SP-2	Sign Panel	101 - 200 S. F.
SP-3	Sign Panel	201 - 300 S. F.
SP-4	Sign Panel	301 - 400 S. F.
SP-5	Sign Panel	401 - 500 S. F.
SP-6	Sign Panel	501 - 600 S. F.
STP-1	Square Tube Sign Post	EA

PAVEMENT MARKING LEGEND



PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017
DESIGN BY TIMMONS GROUP (804) 200-6500
SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017

PUBLIC HEARING PLANS

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198 P101	5(2)

SIGN SCHEDULE

TEXT NO.	SIGN ASSEMBLY NO(s).	TEXT	MUTCD ST'D.	SIGN ASSEMBLY COMPONENTS		QTY.	SIGN PANEL AREA (s.f.)		PROP. SIGN STRUCTURE ST'D.	REMARKS
				W	H		PER ASSEMBLY	ALL ASSEMBLIES		
1	101 102		RI-2	36"	36"	2	9	18	STP-1	
2	103 104		RI-1	30"	30"	2	6.25	12.5	STP-1	
3	106 107 108		RI-1	30"	30"	3	6.25		STP-1	
			W2-6	30"	30"	3	6.25			
4	109 110		W2-6	30"	30"	2	6.25	12.5	STP-1	
5	111 112		W11-2	30"	30"	2	6.25	12.5	STP-1	
			W16-7P	24"	12"	2	2	4		

TEXT NO.	SIGN ASSEMBLY NO(s).	TEXT	MUTCD ST'D.	SIGN ASSEMBLY COMPONENTS		QTY.	SIGN PANEL AREA (s.f.)		PROP. SIGN STRUCTURE ST'D.	REMARKS
				W	H		PER ASSEMBLY	ALL ASSEMBLIES		

- NOTES:
- 1) ALL SIGNS SHALL BE ORIENTATED AS SHOWN ON THE PLANS.
 - 2) SIGN COLOR COMBINATIONS SHALL BE IN ACCORDANCE WITH THE FHWA SHS BOOK AND THE 2011 VIRGINIA SHS BOOK OR AS NOTED IN THE PLANS.
 - 3) ALL POSITIVE CONTRAST GUIDE AND SPECIFIC SERVICE SIGNS SHALL UTILIZE FABRICATION LETTER TYPE L-3 OR L-4 UNLESS OTHERWISE NOTED IN THE REMARKS. ALL OTHER SIGNS SHALL UTILIZE FABRICATION LETTER TYPE L-1 OR L-2 UNLESS OTHERWISE NOTED IN THE REMARKS.

- 4) ALL BLACK SHEETING SHALL BE NON-REFLECTIVE.
- 5) SIGN STRUCTURES SHALL BE INSTALLED PER THE NOTED SIGN ST'D.
- 6) ALL ST'D. STP-1 STRUCTURES TO BE SINGLE POST UNLESS OTHERWISE NOTED.

**TRAFFIC CONTROL DEVICE PLANS
SIGNING AND PAVEMENT MARKINGS
SIGN SCHEDULE**

PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
 SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018
 DESIGN BY TIMMONS GROUP (804) 200-6500
 SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 03/2018

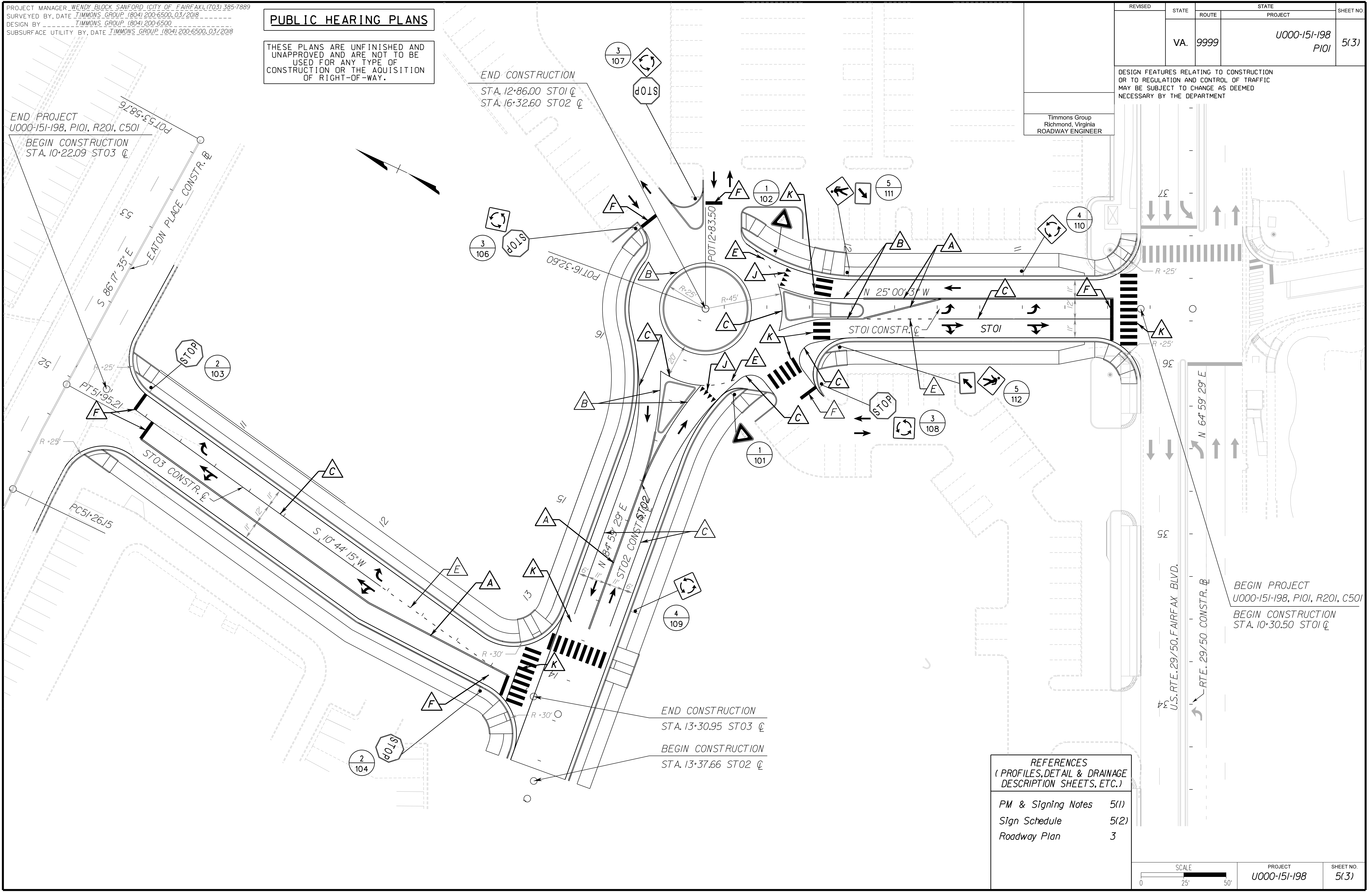
PUBLIC HEARING PLANS

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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198 PI01	5(3)

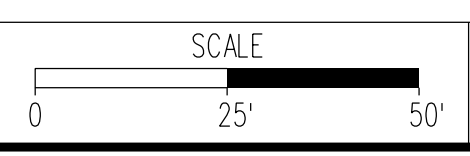
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Timmons Group
Richmond, Virginia
ROADWAY ENGINEER



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

PM & Signing Notes	5(1)
Sign Schedule	5(2)
Roadway Plan	3



PROJECT	U000-151-198	SHEET NO.	5(3)
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PROJECT MANAGER: WENDY BLOCK, SANFORD (CITY OF FAIRFAX), (703) 385-7889
 SURVEYED BY, DATE: TIMMONS GROUP (804) 200-6500, 03/2018
 DESIGN BY: TIMMONS GROUP (804) 200-6500
 SUBSURFACE UTILITY BY, DATE: TIMMONS GROUP (804) 200-6500, 03/2018

PUBLIC HEARING PLANS

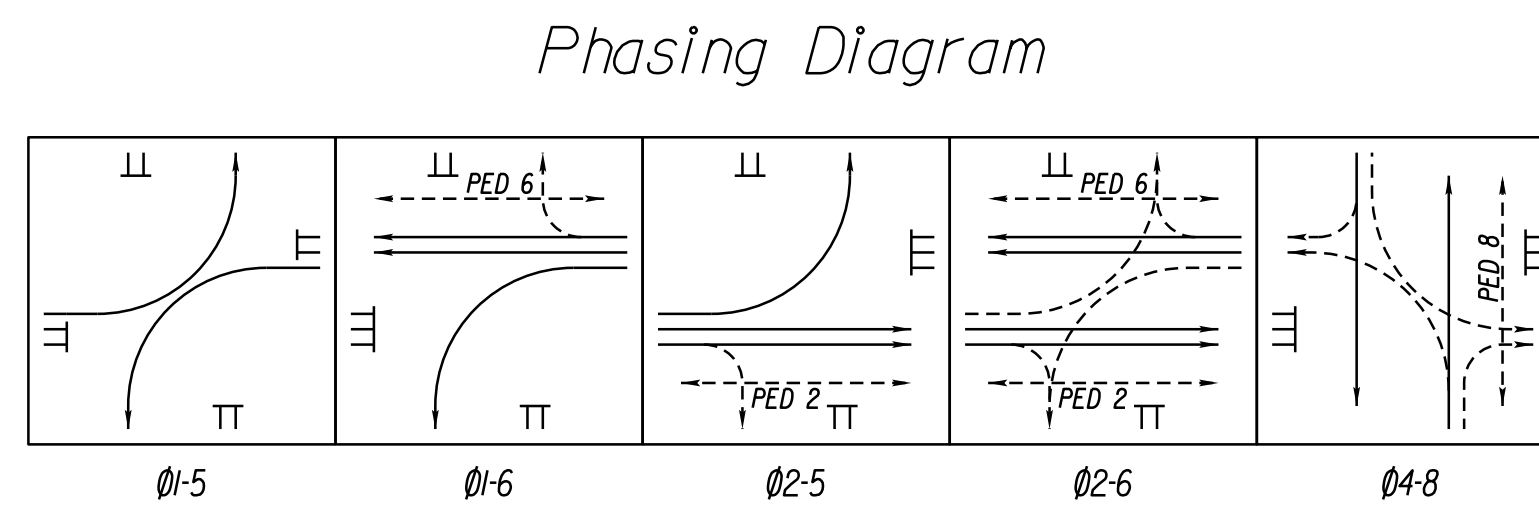
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Signal Pole & Controller Legend

(ALL DIMENSIONS ARE TO CENTER OF POLE)

- ① EXISTING CONTROLLER CABINET & FOUNDATION (CF-1)
Existing Electrical Service, SE-6, Installed
 - Ⓐ EXISTING DUAL MAST ARM POLE (MP-1)
50' Arm Perpendicular to Fairfax Blvd
Signal Placement: 23', 34', 45'
Sign Placement: 4'(N), 19', 46.6'
Emergency Preemption Detector: 30'
60' Arm Parallel to Fairfax Blvd
Signal Placement: 43.7'(R), 55'(R)
Sign Placement: 10'
Emergency Preemption Detector: 50.7'
Existing Vehicle Detection Antenna on Base Pole
 - Ⓑ EXISTING MAST ARM POLE (MP-1)
50' Arm Perpendicular to Fairfax Blvd
Signal Placement: 23.5', 34.5', 45.5'
Sign Placement: 4'(N), 19.6', 49.2'
Emergency Preemption Detector: 38.5'
Existing Vehicle Detection Antenna on Base Pole
 - Ⓒ EXISTING MAST ARM POLE (MP-1)
50' Arm Parallel to Fairfax Blvd
Signal Placement: 31.3', 41.5'
Sign Placement: 4'
Emergency Preemption Detector: 27'
Install Pedestrian Signal Heads, SP-8, on Pedestal Pole (SMB-3)
Install Pedestrian Push Buttons, PA-2, on Pedestal Pole
 - Ⓓ PEDESTAL POLE (PF-2), 12'
Install Pedestrian Signal Head, SP-8, on Pedestal Pole (SMB-3)
Install Pedestrian Push Button, PA-2, on Pedestal Pole
- (R) - Denotes relocated equipment
(N) - Denotes new equipment

SPEED LIMITS	
Fairfax Blvd.	35 MPH
University Dr.	25 MPH
New Road (Name TBD)	25 MPH



REVISED	STATE	STATE		SHEET NO.
		ROUTE	PROJECT	
	VA.	9999	U000-151-198 P101	6(3)

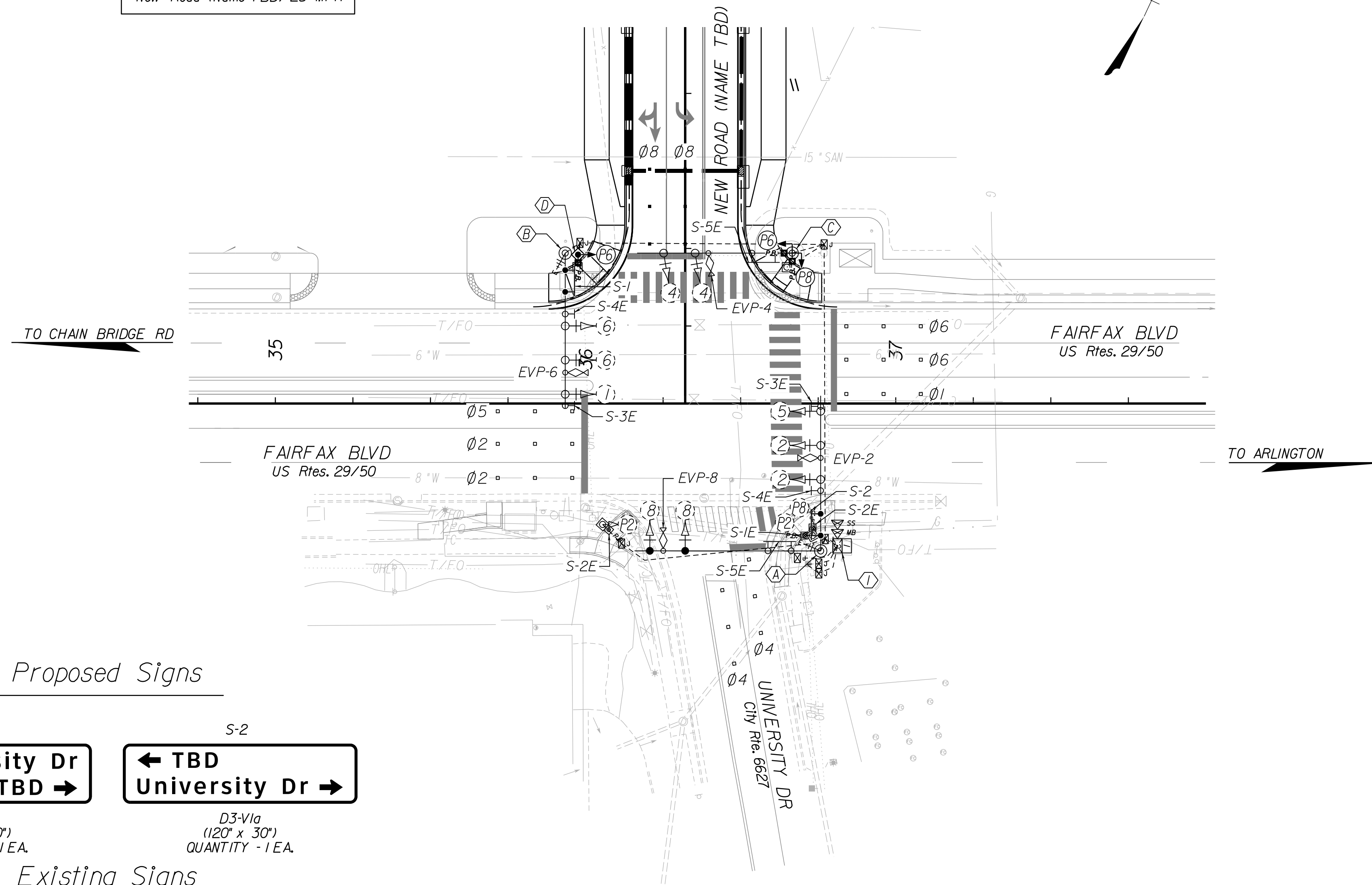
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Timmons Group
Richmond, Virginia
ROADWAY ENGINEER

Color Sequence Chart

SIGNAL	PHASES					FLASH
	1-5	1-6	2-5	2-6	4-8	
1	R	G				Y
2			G	G		Y
4					G	R
5	R	G				Y
6		G		G		Y
8					G	R
P2	DW	DW	W	W	DW	BLANK
P6	DW	W	DW	W	DW	BLANK
P8	DW	DW	DW	DW	W	BLANK

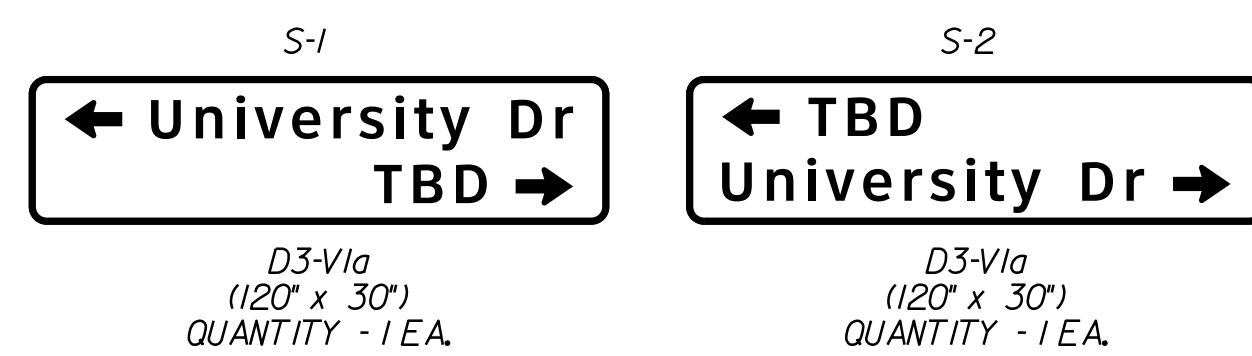
- Empty box denotes RED indication (Red Ball or Red Arrow as appropriate)
 - Walk indication shall only be displayed after pedestrian push button has been actuated.



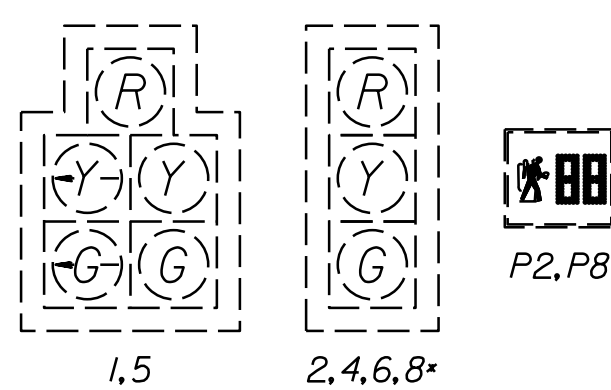
Proposed Signals



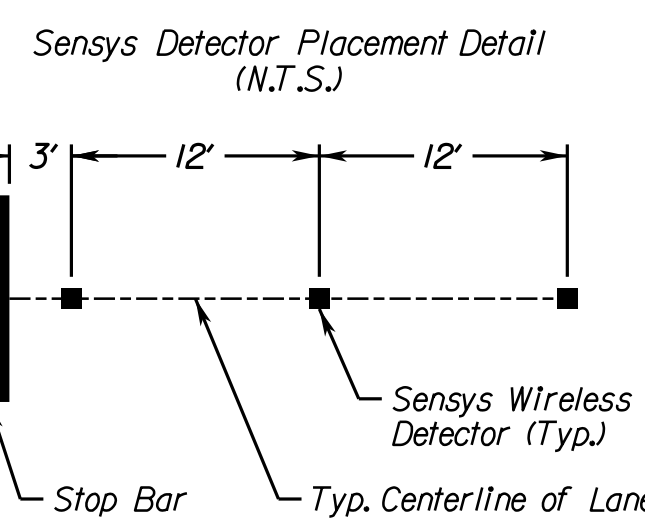
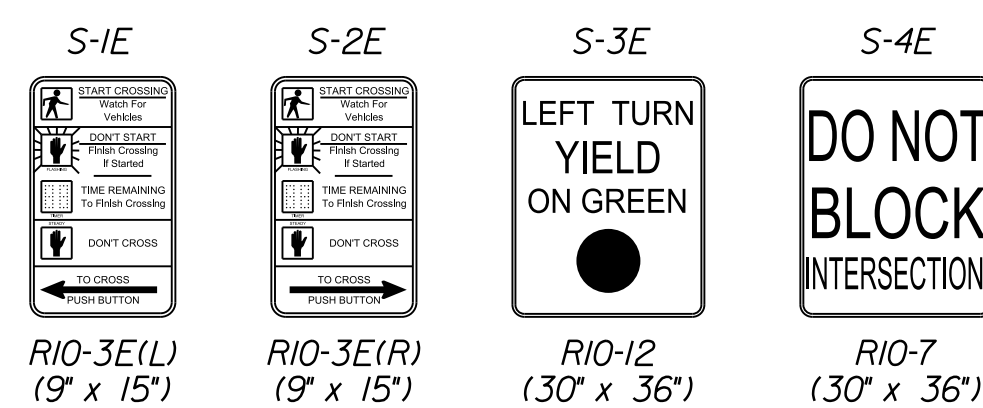
Proposed Signs



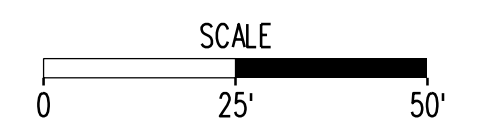
Existing Signals



Existing Signs



Fairfax Blvd



TRAFFIC CONTROL DEVICE PLANS	
TRAFFIC SIGNAL MODIFICATION PLAN	
US RTES. 29/50 (FAIRFAX BLVD) & CITY RTE. 6627 (UNIVERSITY DR)	
CITY OF FAIRFAX	
PROJECT U000-151-198	SHEET NO. 6(3)

PROJECT MANAGER WENDY BLOCK, SANFORD (CITY OF FAIRFAX), (703) 385-7889
SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017
DESIGN BY TIMMONS GROUP (804) 200-6500
SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017

CROSS SECTION INDEX OF SHEETS

PUBLIC HEARING PLANS

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REVISED	STATE		STATE	SHEET NO.
	ROUTE	PROJECT		
	VA.	9999	U000-151-198 P101	1

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

SHEET NO. 1	CROSS SECTION SHEET INDEX
SHEET NO. 2 - 3	ROAD ST01
SHEET NO. 4 - 6	ROAD ST02
SHEET NO. 7 - 10	ROAD ST03

PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
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CROSS SECTIONS

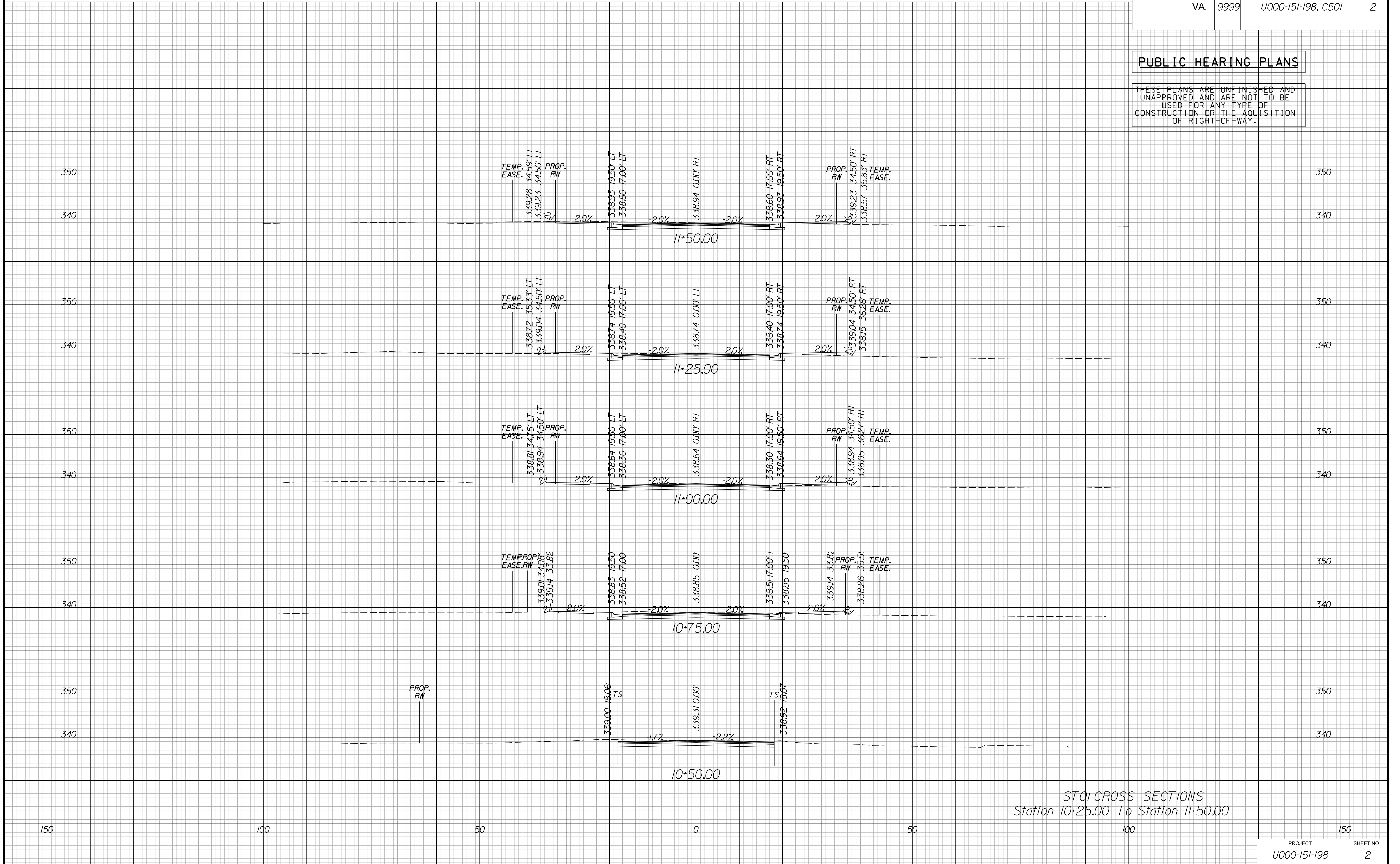
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198, C501	2

PUBLIC HEARING PLANS

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STQI CROSS SECTIONS
Station 10+25.00 To Station 11+50.00

PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
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CROSS SECTIONS

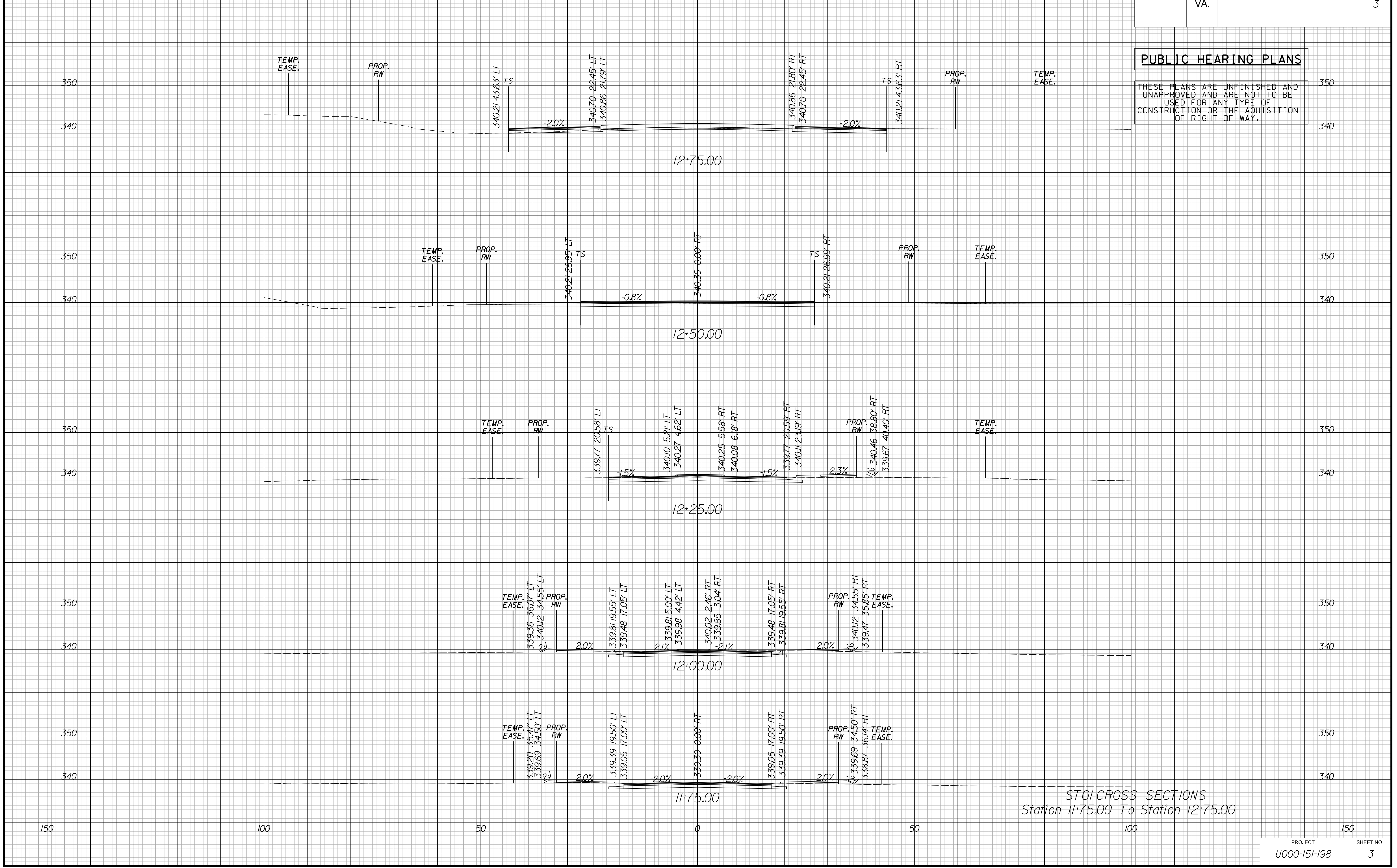
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.				3

PUBLIC HEARING PLANS

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STQI CROSS SECTIONS
Station 11+75.00 To Station 12+75.00

PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
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SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017

CROSS SECTIONS

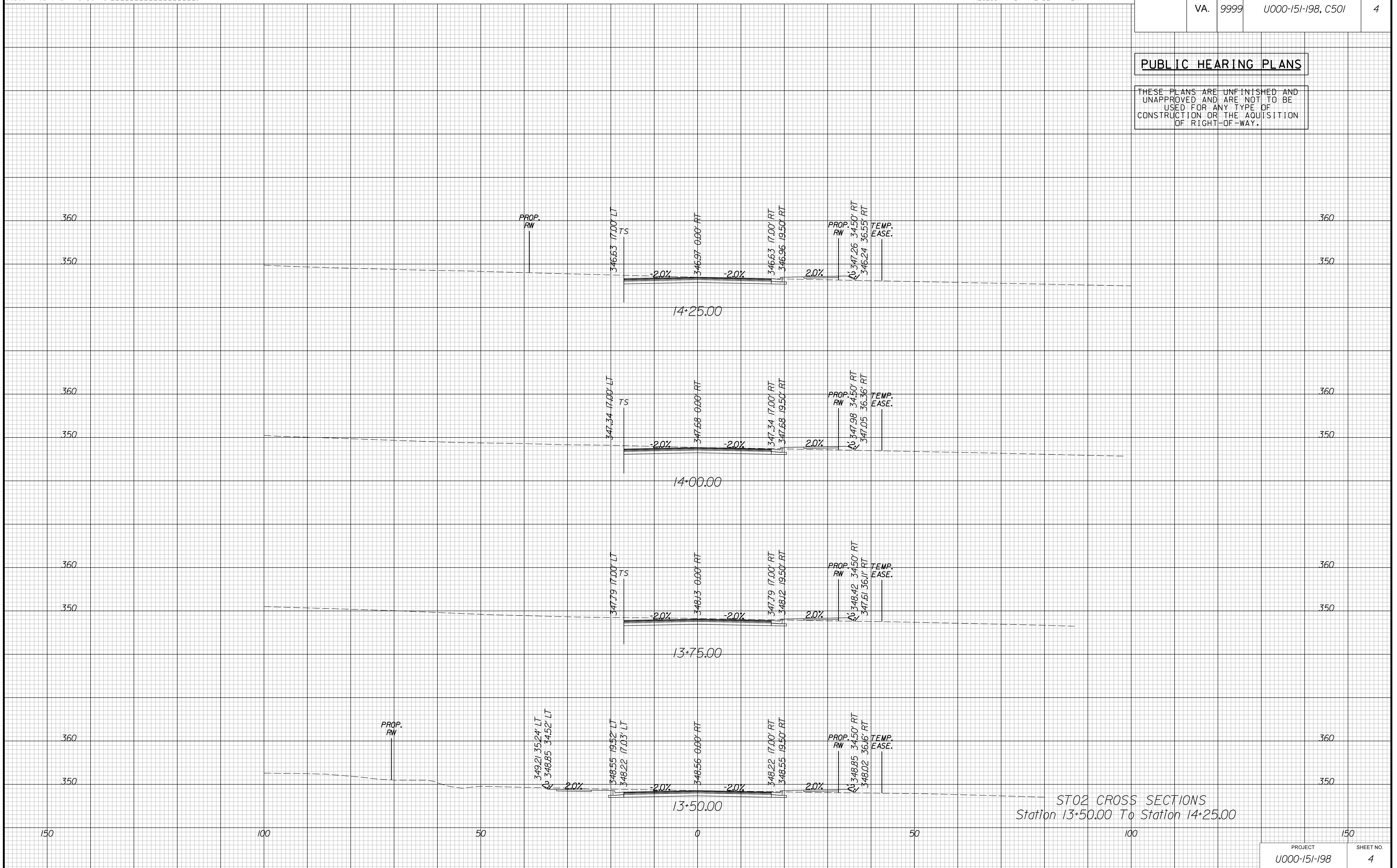
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198, C501	4

PUBLIC HEARING PLANS

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ST02 CROSS SECTIONS
Station 13+50.00 To Station 14+25.00

PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017
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SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017

CROSS SECTIONS

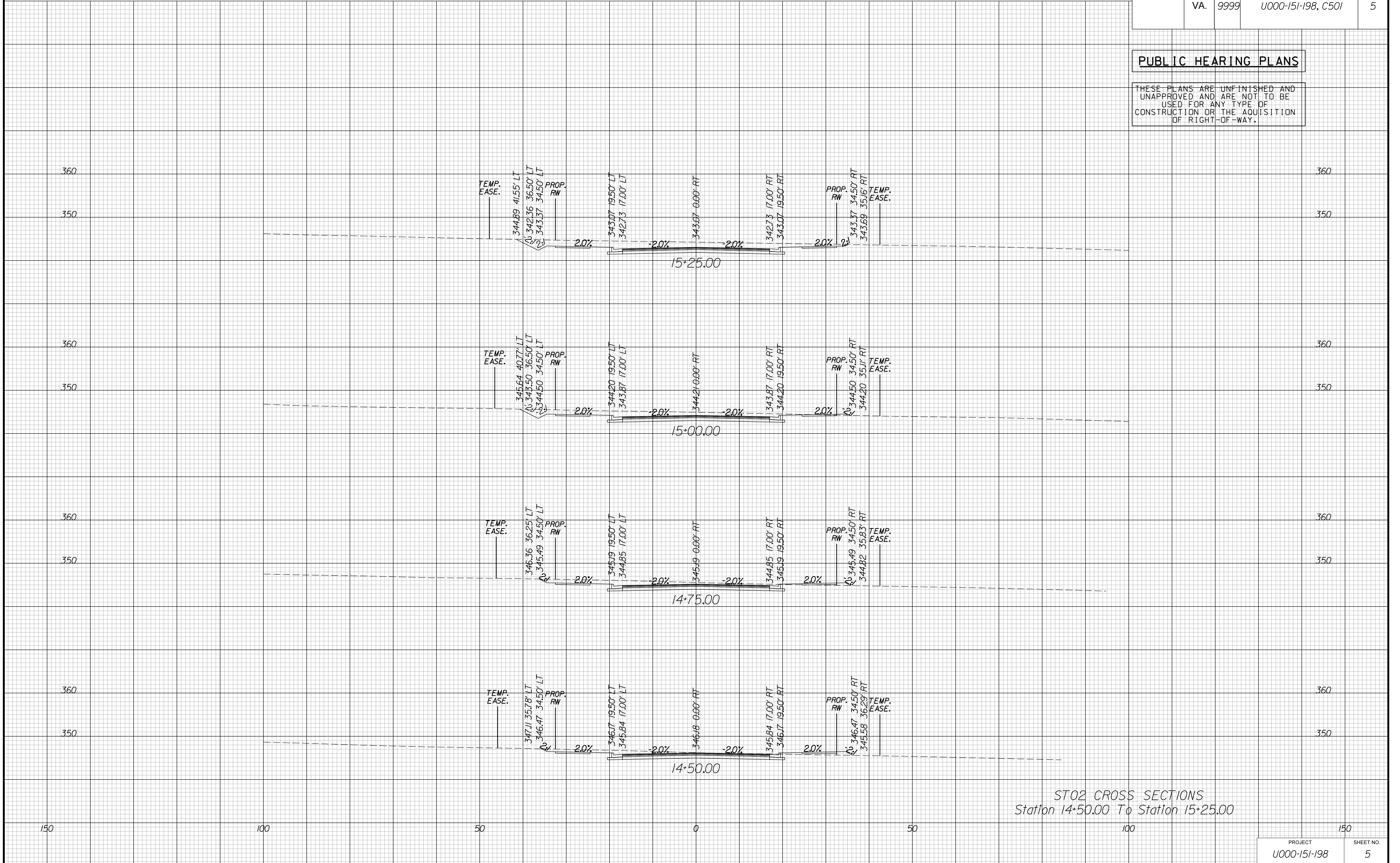
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	9999		U000-151-198, C501	5

PUBLIC HEARING PLANS

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ST02 CROSS SECTIONS
Station 14+50.00 To Station 15+25.00

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CROSS SECTIONS

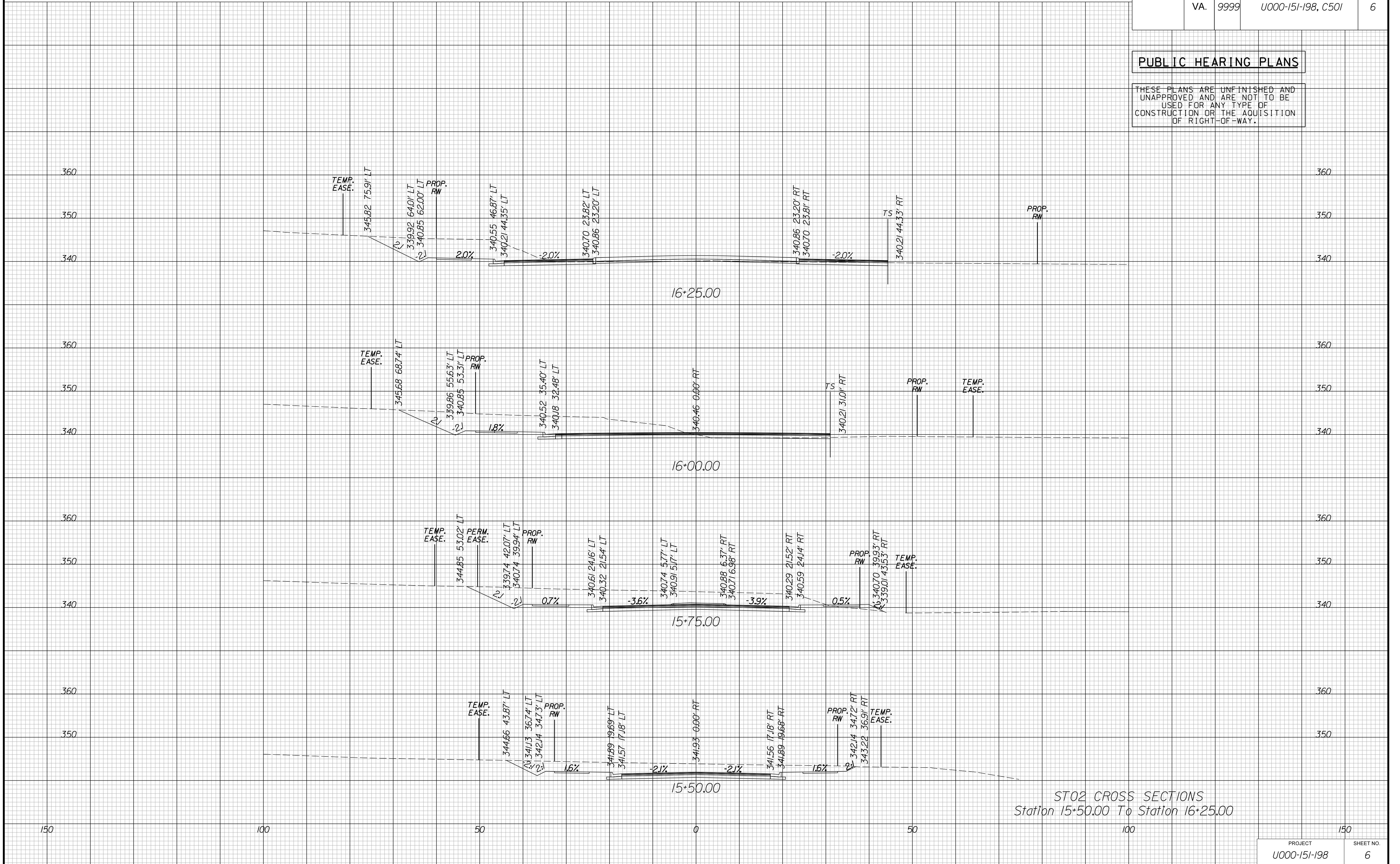
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	9999		U000-151-198, C501	6

PUBLIC HEARING PLANS

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ST02 CROSS SECTIONS
Station 15+50.00 To Station 16+25.00

PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
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CROSS SECTIONS

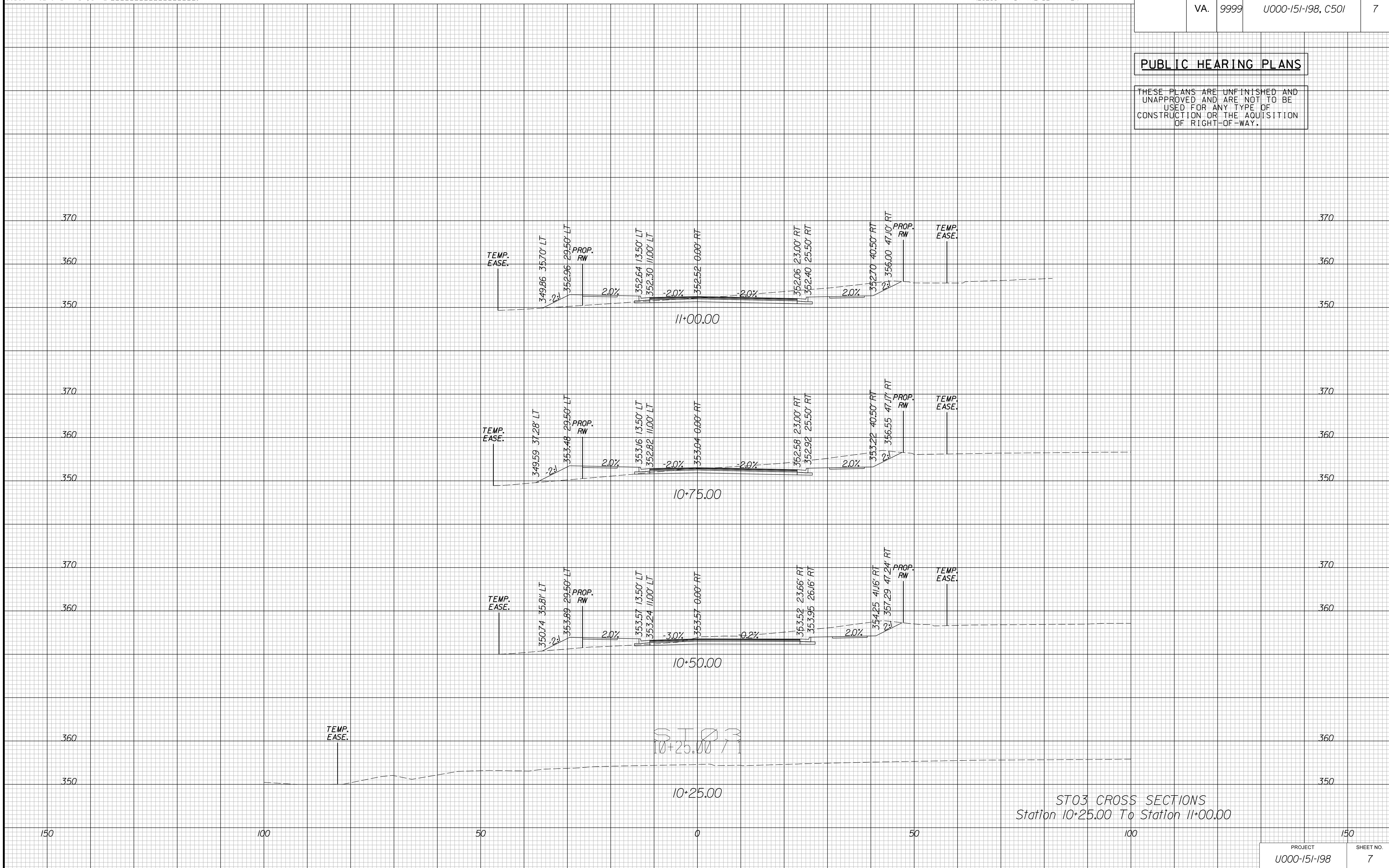
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198, C501	7

PUBLIC HEARING PLANS

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ST03 CROSS SECTIONS
Station 10+25.00 To Station 11+00.00

PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017
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CROSS SECTIONS

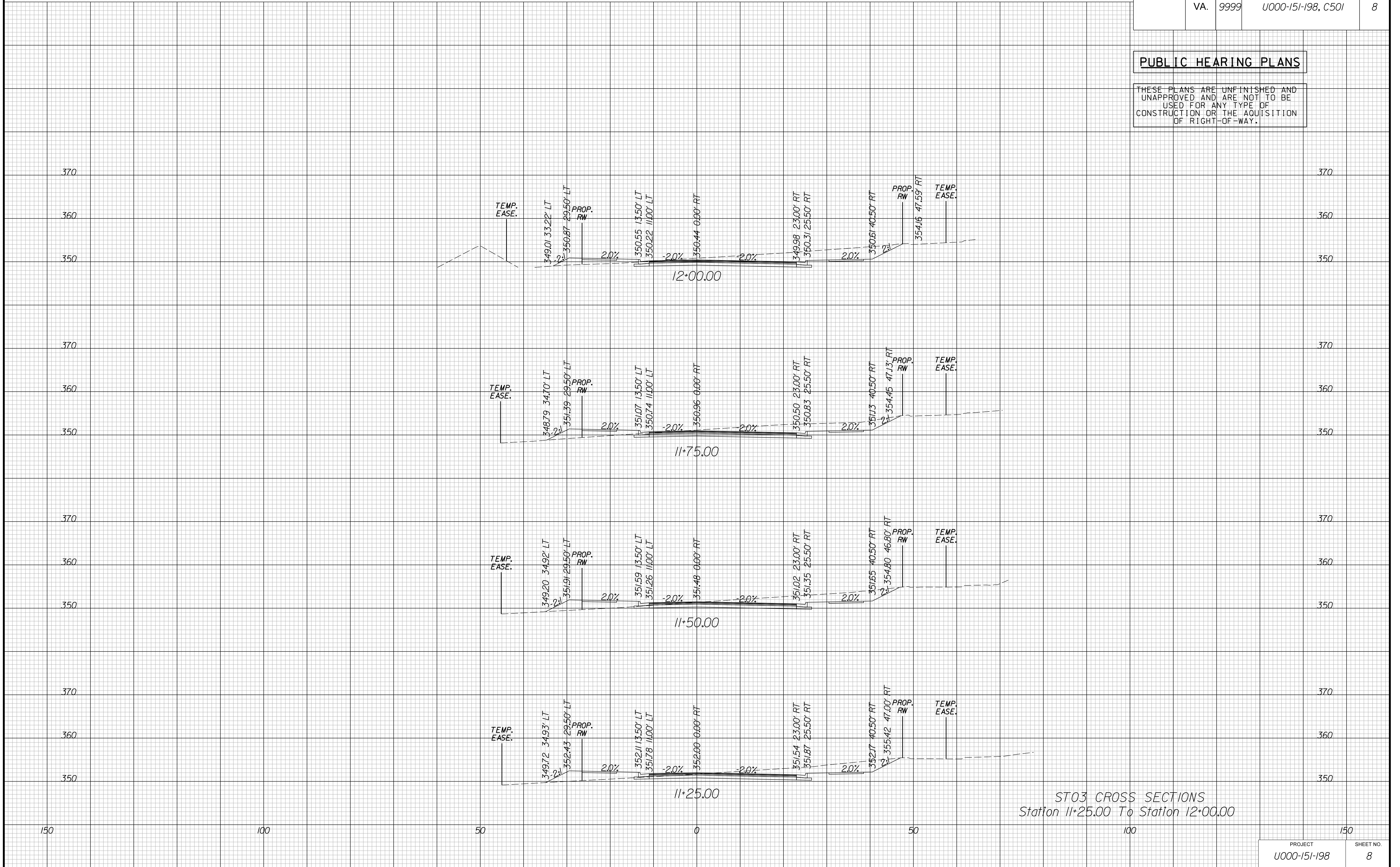
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	9999		U000-151-198, C501	8

PUBLIC HEARING PLANS

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ST03 CROSS SECTIONS
Station 11+25.00 To Station 12+00.00

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DESIGN BY TIMMONS GROUP (804) 200-6500
SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017

CROSS SECTIONS

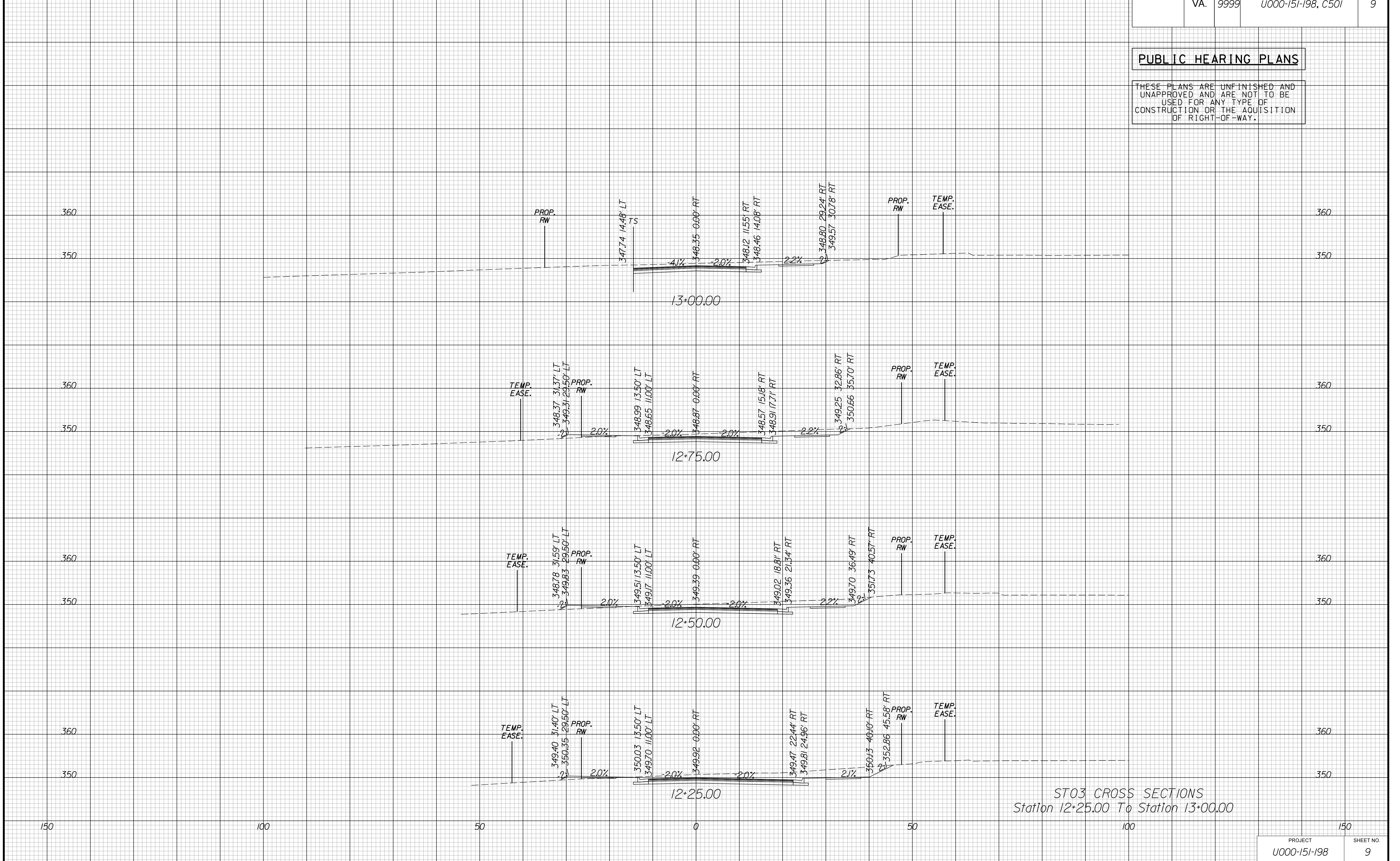
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198, C501	9

PUBLIC HEARING PLANS

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ST03 CROSS SECTIONS
Station 12+25.00 To Station 13+00.00

PROJECT MANAGER WENDY BLOCK SANFORD (CITY OF FAIRFAX), (703) 385-7889
SURVEYED BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017
DESIGN BY TIMMONS GROUP (804) 200-6500
SUBSURFACE UTILITY BY, DATE TIMMONS GROUP (804) 200-6500, 06/2017

CROSS SECTIONS

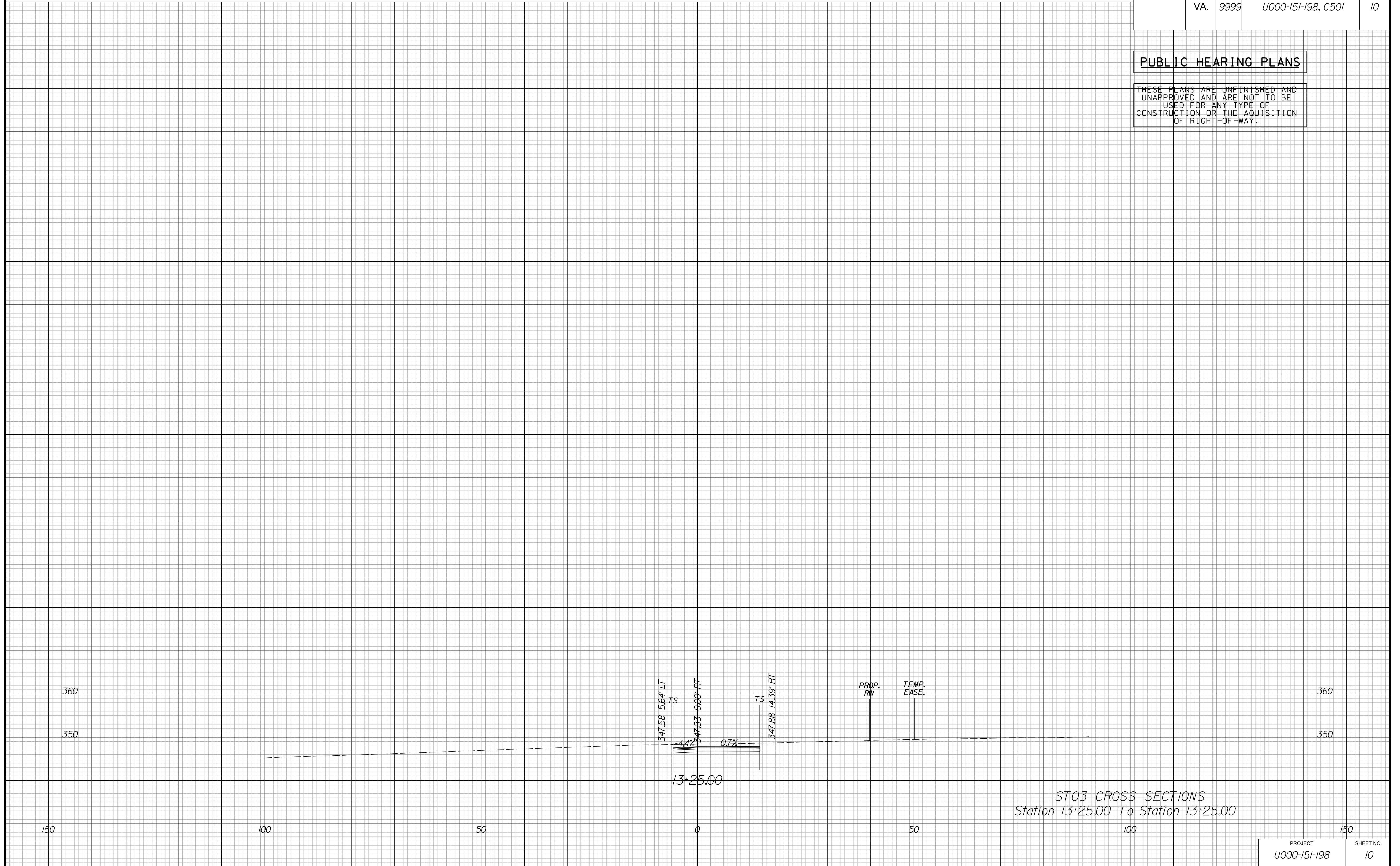
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REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	9999	U000-151-198, C501	10

PUBLIC HEARING PLANS

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ST03 CROSS SECTIONS
Station 13+25.00 To Station 13+25.00