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FOR INDEX OF SHEETS SEE SHEET 1B

THIS PROJECT WAS DEVELOPED UTILIZING THE DEPARTMENT'S ENGINEERING DESIGN PACKAGE (OpenRoads/GEOPAK).
OpenRoads/GEOPAK Computer Identification No. 109314

STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
VA.	STP-5A03( ) STP-5B03( ) (SEE TABULATION BELOW FOR SECTION NUMBERS)	669	(NFO) 0669-046-682 (SEE TABULATION BELOW FOR SECTION NUMBERS)	1

FHWA 534 DATA 45001

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

COUNTY OF ISLE OF WIGHT
NIKE PARK ROAD EXTENSION
FROM: 0.0520 MLES NORTH OF ROUTE 665
TO: 0.0018 MLES WEST OF ROUTE 17

RW PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

CONVENTIONAL SIGNS

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

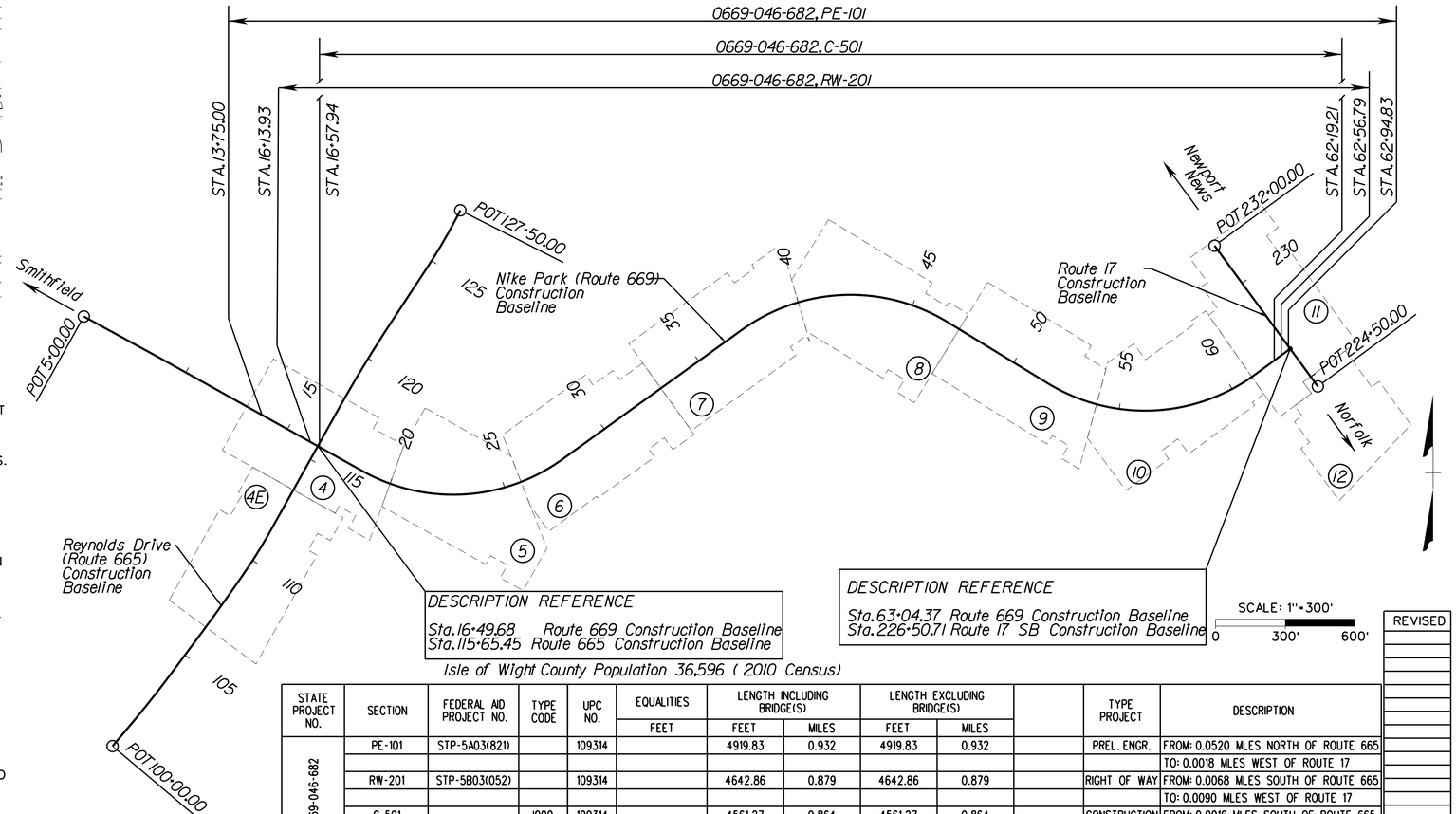
THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY AS AWARDED, HAS BEEN SEALED AND SIGNED USING DIGITAL SIGNATURES AND THE OFFICIAL PLAN ASSEMBLY IN ELECTRONIC FORMAT IS STORED IN THE VDOT CENTRAL OFFICE PLAN LIBRARY, INCLUDING ALL SUBSEQUENT REVISIONS, WILL BE THE OFFICIAL CONSTRUCTION PLANS.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

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

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT'S 2020 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS, 2009 MUTCD, 2011 VIRGINIA SUPPLEMENT TO THE MUTCD, 2011 VIRGINIA WORK AREA PROTECTION MANUAL (REV. 2.1) AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

ALL CURVES ARE TO BE SUPERELEVATED, TRANSITIONED AND WIDENED IN ACCORDANCE WITH STANDARD TC-5.11U. TC-5.11R APPLIES TO RT. 665.

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



Isle of Wight County Population 36,596 (2010 Census)

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	EQUALITIES	LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)			TYPE PROJECT	DESCRIPTION
					FEET	FEET	MILES	FEET	MILES			
0669-046-682	PE-101	STP-5A03(821)		109314		4919.83	0.932	4919.83	0.932		PREL. ENGR.	FROM: 0.0520 MLES NORTH OF ROUTE 665
												TO: 0.0018 MLES WEST OF ROUTE 17
	RW-201	STP-5B03(052)		109314		4642.86	0.879	4642.86	0.879		RIGHT OF WAY	FROM: 0.0068 MLES SOUTH OF ROUTE 665
												TO: 0.0090 MLES WEST OF ROUTE 17
	C-501		1000	109314		4561.27	0.864	4561.27	0.864		CONSTRUCTION	FROM: 0.0016 MLES SOUTH OF ROUTE 665
												TO: 0.0161 MLES WEST OF ROUTE 17

Project Lengths are based on Route 669 Construction Baseline.

FUNCTIONAL CLASSIFICATION & TRAFFIC DATA			
RTE. 17		NIKE PARK (ROUTE 669)	
URBAN PRINCIPAL ARTERIAL (GS-5) - LEVEL		URBAN COLLECTOR (GS-7) - LEVEL	
60 MPH MIN. DESIGN SPEED		45 MPH MIN. DESIGN SPEED	
ADT (2019) 49,000	ADT (2045) 71,000	ADT (2019)	———
REYNOLDS DRIVE (RT. 665)		ADT (2045)	10,800
RURAL COLLECTOR (GS-3) - LEVEL		DHV	400
55 MPH MIN. DESIGN SPEED		D (%) (design hour)	70/30
ADT (2019) 5,157	ADT (2045) 3,100	T (%) (design hour)	2%
V (MPH)		* See Below	

* See plan & profile sheets for horizontal and vertical design speeds.

RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION

TOTAL TAKE FOR PARCELS:

008				

Kim Pryor 7/19/2022
INFRASTRUCTURE INVESTMENT DIRECTOR

Emmett Heltzel 7/20/2022
STATE LOCATION AND DESIGN ENGINEER

Laura A. Farmer 7/22/2022
CHIEF FINANCIAL OFFICER

Barton Thrasher 7/22/2022
CHIEF ENGINEER

APPROVED FOR RIGHT OF WAY ACQUISITION

Angel Deem 7/23/2022
CHIEF OF POLICY

RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION

Kim Pryor 12/14/2022
INFRASTRUCTURE INVESTMENT DIRECTOR

Emmett Heltzel 12/14/2022
STATE LOCATION AND DESIGN ENGINEER

Laura A Farmer 12/15/2022
CHIEF FINANCIAL OFFICER

Bart Thrasher 12/15/2022
CHIEF ENGINEER

APPROVED FOR RIGHT OF WAY ACQUISITION

Angel Deem 12/15/2022
CHIEF OF POLICY

RECOMMENDED FOR APPROVAL FOR CONSTRUCTION

INFRASTRUCTURE INVESTMENT DIRECTOR

STATE LOCATION AND DESIGN ENGINEER

CHIEF FINANCIAL OFFICER

STATE STRUCTURE AND BRIDGE ENGINEER

APPROVED FOR CONSTRUCTION

CHIEF ENGINEER

APPROVED

DIVISION ADMINISTRATOR
FEDERAL HIGHWAY ADMINISTRATION
U.S. DEPARTMENT OF TRANSPORTATION

REVISED

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PROJECT	SHEET NO.
0669-046-682	1

PROJECT MANAGER Wali Zaman, P.E. (757) 925-1605 (H.R. District)
SURVEYED BY, DATE Rice Associates. (757) 306-4260 (1/1/17)
DESIGN BY Jason Henry, P.E. (804) 786-5975 (Central Office)
SUBSURFACE UTILITY BY, DATE Rice Associates. (757) 306-4260. (1/1/17)

PROJECT MANAGER _Wall Zamao, P.E. (757) 956-3272 (Hampton Rds. District)_
SURVEYED BY, DATE _Rice Associates (757) 306-4260 1/1/17_ _ _ _ _ _ _ _ _
DESIGN BY _Jason Henry, P.E. (804) 786-5975 (Central Office)_ _ _ _ _ _ _ _ _
SUBSURFACE UTILITY BY, DATE _ Rice Associates (757) 306-4260 1/1/17 _ _

UTILITY CONTACTS

Verizon South
Mr. Toney Hunt
52 Richneck Rd.
Newport News, VA 23608
(757) 875-2260 (Office)
(757) 805-5388 (Cell)
toney.hunt@verizon.com

Hampton Roads Sanitation Department
Mr. Gary Hart
Chief of Design & Construction
1436 Air Rail Ave.
Virginia Beach, VA 23455
(757) 460-4227 (Office)
(757) 374-9233 (Cell)
ghart@hrsd.com

Columbia Gas
Mr. Jamie Mucalo
Associate, Field Engineer
7001 Harbour View Blvd.
Suffolk, VA 23435
(757) 638-2455 (Office)
(757) 334-4017 (Cell)
jmucalo@nisource.com

Mid-Atlantic Broadband
Mr. Chris Coleman
1100 Confroy Drive, Suite 4
South Boston, VA 24592
(434) 570-1306 (Office)
(434) 572-2357 (Fax)
(276) 340-6813 (Cell)
chris@mbc-va.com

Dominion Energy
Mr. Lucian L. Gregory
1707 W, Ehringhaus Street
Elizabeth City, NC 27909
(252) 331-6111 (Office)
(252) 619-3017 (Cell)
lucian.l.gregory@dominionenergy.com

AT&T
Mr. Pat Sutton
SR TECH NETWORK SERVICES DE, MD, PA, VA
National Construction and Engineering Team
4800 Winchester Blvd
Frederick, MD 21703
(814) 321-6470 (Office)
(512) 646-3139 (Fax)
ps4364@att.com

Isle of Wight County Public Utilities
Mr. Don Jennings
Director
Isle of Wight Public Utilities
17090 Monument Circle
Isle of Wight, VA 23397
(757) 365-1655 (Office)
(757) 604-3155 (Cell)
djennings@isleofwightus.net

Spectrum / Charter Communications
Mr. Kirk Combs
216 Moore Avenue
Suffolk, VA 23434
(757) 374-5092 (Office)
kirk.combs@charter.com

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	669	0669-046-682 PE-101, RW-201 & C-501	4

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

VDOT Location & Design Richmond, Virginia (Roadway Design)	VDOT Location & Design Richmond, Virginia (Hydraulics)

RW PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

Curve REYNOLDB_10
PI = 119+65.46
DELTA = 4°07'06.36" (RT)
D = 0°57'34"
T = 214.69'
L = 429.20'
R = 5,971.00'
PC = 117+50.77
PT = 121+79.97

END CONSTRUCTION
ROUTE 665 STA. 117+70.00 (N 09°17'43" W 246.57')

PC 117+50.77

ROUTE 665 CONSTRUCTION ℄

Proposed Permanent VDOT Utility Easement
Variable Width

CLEANOUT
EXISTING DITCH
CLEAR AND GRUB EXISTING DITCH

Prop. Temp. Constr. Easement
Curb Cut to Mod. PG-5, W=2' (typ.) On Grade See Sheet 2F(2)

004
AMERICAN TIMBER ASSOCIATES II
DB 372 PG 564
PC 1-130-2
5.36 AC.
TAX PARCEL# 33-14-004

BEGIN PROJECT 0669-046-682 C-501
ROUTE 669 STA. 16+57.94

Curve NIKE_6
PI = 23+78.80
DELTA = 64°55'52.33" (LT)
D = 7°09'43"
T = 508.98'
L = 906.61'
R = 800.00'
PC = 18+69.82
PT = 27+76.43
V = 45 MPH
E = 4.0%
Lt = 45'
Lr = 89'

Level Spreader (typ.) See Sheet 2F(1)

Curb Cut to Mod. PG-5, W=2' (typ.) In Sump See Sheet 2F(2)

Prop. Temp. Constr. Easement

Prop. Permanent Slope and Drainage Easement

Matchline Sta. 20+00.00 See Sheet 5

BEGIN PROJECT 0669-046-682 RW-201
ROUTE 669 STA. 16+13.93

BEGIN CONSTRUCTION /
BEGIN PROJECT 0669-046-682 PE-101
ROUTE 669 STA. 13+75.00

INT N 3511563.1429 E 12052904.9600
Intersection Angle = 89°56'47"
Nike Park Constr. Baseline Sta. 16+49.68
Reynolds Drive Constr. Baseline Sta 115+65.45

CALVIN B. LANGHORN
VALERIE S. LANGHORN
Inst.# 130005561
PC 1-390-18
5.00 AC.
TAX PARCEL# 33-15-001

(N 12°24'48" W 509.19')
N 20°15'17" W 509.20'

Ex. R/W
Existing R/W
Existing R/W
Existing R/W

ROUTE 669 CONSTRUCTION ℄ S 20°15'58" E

Selective Tree Trimming and Clean up to existing right of way line from 13+75 to Reynolds Drive Intersection

Ex. R/W

Mixed Hardwoods & Pines
Wooden Sign
Grass Area (S 17°45'39" W 198.45')
Existing R/W
Asphalt Pavement
Existing R/W (N 17°45'39" E 201.49')
Mixed Hardwoods & Pines
Wooden Sign
Possible Bio-Under Pvmt
Grass Area
30' Prescriptive Easement
Wooden Sign
Existing Treeline (RH30°07'38" (LH00°08'F))
Ex. R/W
T/Rg
N 69°47'15" E
Mixed Hardwoods & Pines
Wooden Sign

Savcul Rd'd.
R=200'
R=50'
St'd. Rad. CG-7 Req'd.
Level Spreader (typ.) See Sheet 2F(1)
Prop. Temp. Constr. Easement
Curb Cut to Mod. PG-5, W=2' (typ.) On Grade See Sheet 2F(2)
Prop. Permanent Slope and Drainage Easement
Prop. R/W
St'd. CG-6 Req'd.
R=75'
St'd. Rad. CG-7 Req'd.
R=118'
St'd. CG-6 Req'd.
St'd CG-12B Req'd
R=48'
Shared Use Path
Prop. R/W
Prop. Permanent Slope and Drainage Easement
Prop. Permanent VDOT Utility Easement
Prop. R/W
R=118'
Prop. Permanent Slope and Drainage Easement Variable Width Prop. Permanent VDOT Utility Easement

PC 18+69.82

004
AMERICAN TIMBER ASSOCIATES II
DB 372 PG 564
PC 1-130-2
5.00 AC.
TAX PARCEL# 33-14-003

004
AMERICAN TIMBER ASSOCIATES II
DB 372 PG 564
PC 1-130-2
5.00 AC.
TAX PARCEL# 33-14-002

003
PEYTON P. NOTTINGHAM, III
WB Inst.# 030000013
DB 182 PG 519
PB 1 PG 14A
118.00 AC.
TAX PARCEL# 33-01-156

Matchline Sta. 113+50.00 See Sheet 4E

4-1 4-2 4-3 4-4 4-5

Drainage Structure Legend

- Curb Cut to Mod. PG-5, W=2' (Typ.) w/ Steel Plate Crossing See Detail Sheet 2F(2)
- Level Spreader (Typ.) See Sheet 2F(1)
- On Grade or Slope Location: Curb Cut to Mod. PG-5, W=2' (Typ.) See Sheet 2F(2)
- In Sump Location: Curb Cut to Mod. PG-5, W=2' (Typ.) See Sheet 2F(2)

Denotes Demolition of Pavement
Denotes Mill and Overlay 2" & Variable
Denotes Proposed Pavement Full Depth
Denotes Proposed Shared Use Path
--WL-- Wetland

C ..... Denotes Construction Limits in Cuts
F ____ Denotes Construction Limits in Fills

Note : Figures in brackets and dot - dashed lines denote Permanent Easements.
Note : Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Route 669 Profile	4A
Route 665 Profile	4B
Drainage Descriptions	15(1)-15(2)
E&S	4C-4D

SCALE	PROJECT	SHEET NO.
0 25' 50'	0669-046-682	4

PROJECT MANAGER _Wall Zamao, P.E. (757) 956-3272 (Hampton Rds. District)_
SURVEYED BY, DATE _Rice Associates (757) 306-4260 1/11/17_ _ _ _ _ _ _ _ _
DESIGN BY _Jason Henry, P.E. (804) 786-5975 (Central Office)_ _ _ _ _ _ _ _ _
SUBSURFACE UTILITY BY, DATE _ Rice Associates (757) 306-4260 1/11/17 _ _

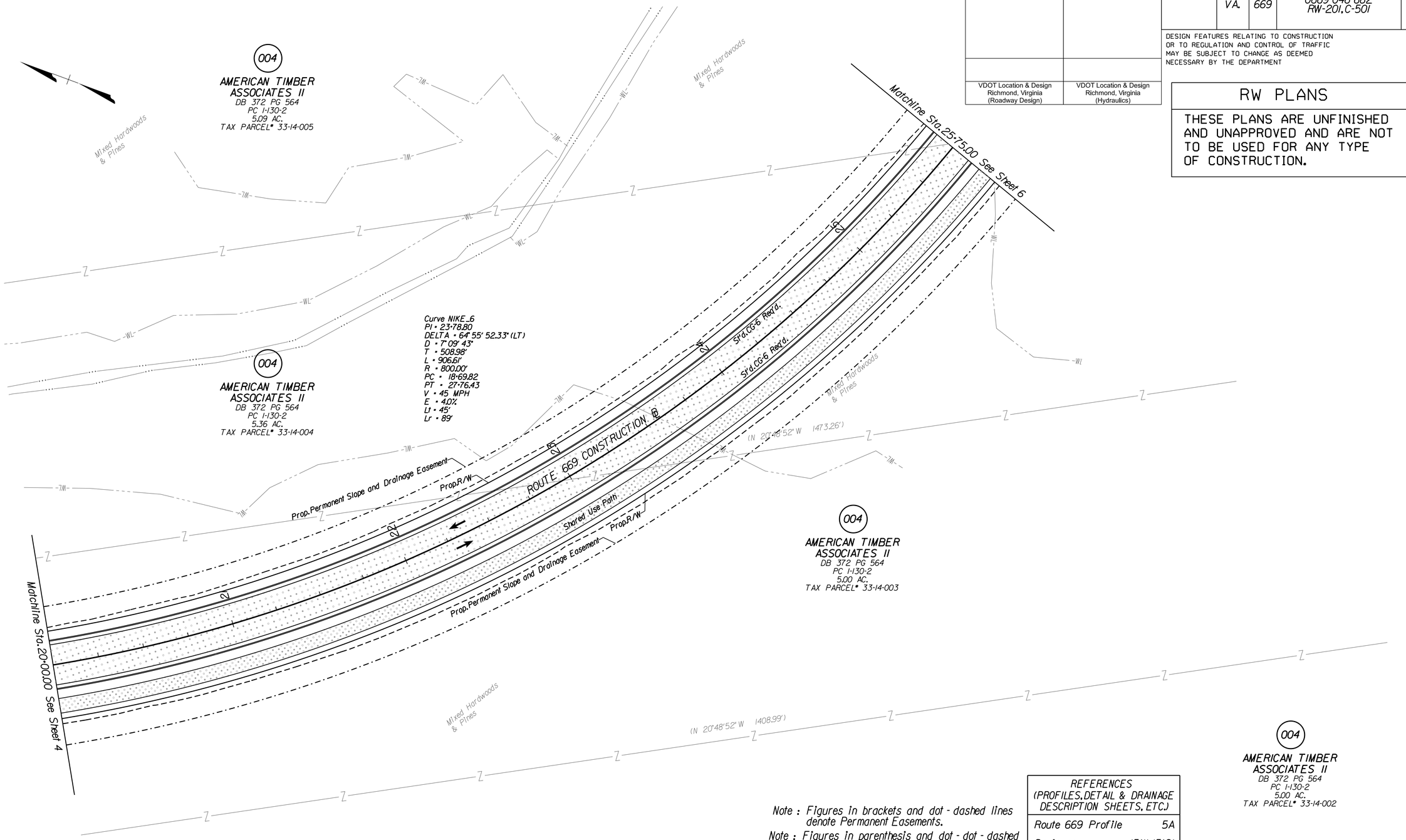
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	669	0669-046-682 RW-201,C-501	5

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

VDOT Location & Design Richmond, Virginia (Roadway Design)	VDOT Location & Design Richmond, Virginia (Hydraulics)

RW PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.



Denotes Demolition of Pavement
Denotes Mill and Overlay 2"
Denotes Proposed Pavement Full Depth
Denotes Proposed Shared Use Path
--WL-- Wetland

See Sheet 4 for Utility Owner Information

Note : Figures in brackets and dot - dashed lines denote Permanent Easements.
Note : Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

C ..... Denotes Construction Limits in Cuts
F ____ Denotes Construction Limits in Fills

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Route 669 Profile	5A
Drainage Descriptions	15(1)-15(2)
E&S	5B-5C

SCALE	PROJECT	SHEET NO.
0 25' 50'	0669-046-682	5

PROJECT MANAGER _ Wall Zamao, P.E. (757) 956-3272 (Hampton Rds. District)
SURVEYED BY, DATE _ Rice Associates (757) 306-4260, 1/1/17 _ _ _ _ _ _ _ _ _
DESIGN BY _ Jason Henry, P.E. (804) 786-5975 (Central Office) _ _ _ _ _ _ _ _ _
SUBSURFACE UTILITY BY, DATE _ Rice Associates (757) 306-4260, 1/1/17 _ _

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	669	0669-046-682 RW-201, C-501	6

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

VDOT Location & Design Richmond, Virginia (Roadway Design)	VDOT Location & Design Richmond, Virginia (Hydraulics)

RW PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

004 AMERICAN TIMBER ASSOCIATES II
DB 372 PG 564
PC 1-130-2
5.09 AC.
TAX PARCEL* 33-14-005

004 AMERICAN TIMBER ASSOCIATES II
DB 372 PG 564
PC 1-130-2
36.97 AC.
TAX PARCEL* 33-14-007

004 AMERICAN TIMBER ASSOCIATES II
DB 372 PG 564
PC 1-130-2
5.00 AC.
TAX PARCEL* 33-14-006

005 ROBERT P & JACQUELINE MADRIGAL
DB 374 PG 533
5.00 AC.
TAX PARCEL* 33-14-008

004 AMERICAN TIMBER ASSOCIATES II
DB 372 PG 564
PC 1-130-2
5.36 AC.
TAX PARCEL* 33-14-004

Curve NIKE_6
PI = 23+78.80
DELTA = 64° 55' 52.33" (LT)
D = 7° 09' 43"
T = 508.98'
L = 906.61'
R = 800.00'
PC = 18+69.82
PT = 27+76.43
V = 45 MPH
E = 4.0%
Lt = 45'
Lr = 89'

POT 1+00.00

PT 27+76.43

Matchline Sta. 25+75.00 See Sheet 5

Matchline Sta. 33+00.00 See Sheet 7

ROUTE 669 CONSTRUCTION ℄

S 85° 11' 50" E

Std. CG-9D Req'd. Ty. I, 5'x. W-16

Std. CG-6 Req'd.

Level Spreader (typ.) See Sheet 2F(1)

Curb Cut to Mod. PG-5, W=2' (typ.) On Grade See Sheet 2F(2)

Prop. Temp. Constr. Easement

Prop. Permanent Slope and Drainage Easement

Prop. R/W

Shared Use Path

Mixed Hardwoods & Pines

6-1 6-2 6-3 6-4 6-5 6-6 6-7 6-8 6-9 6-10

Denotes Demolition of Pavement
Denotes Mill and Overlay 2"
Denotes Proposed Pavement Full Depth
Denotes Proposed Shared Use Path

See Sheet 4 for Utility Owner Information

--WL-- Wetland

Note : Figures in brackets and dot - dashed lines denote Permanent Easements.
Note : Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

C ..... Denotes Construction Limits in Cuts
F ____ Denotes Construction Limits in Fills

Drainage Structure Legend

Level Spreader (Typ.) See Sheet 2F(1)
On Grade or Slope Location — Curb Cut to Mod. PG-5, W=2' (Typ.) See Sheet 2F(2)
In Sump Location — Curb Cut to Mod. PG-5, W=2' (Typ.) See Sheet 2F(2)

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Route 669 Profile	6A
Entrance Profiles	12D
Drainage Descriptions	15(1)-15(2)
E&S	6B-6C

SCALE	PROJECT	SHEET NO.
0 25' 50'	0669-046-682	6

PROJECT MANAGER _Wall Zamao, P.E. (757) 956-3272 (Hampton Rds. District)_
SURVEYED BY, DATE _Rice Associates (757) 306-4260 1/1/17_ _ _ _ _ _ _ _ _
DESIGN BY _Jason Henry, P.E. (804) 786-5975 (Central Office)_ _ _ _ _ _ _ _ _
SUBSURFACE UTILITY BY, DATE _ Rice Associates (757) 306-4260 1/1/17 _ _

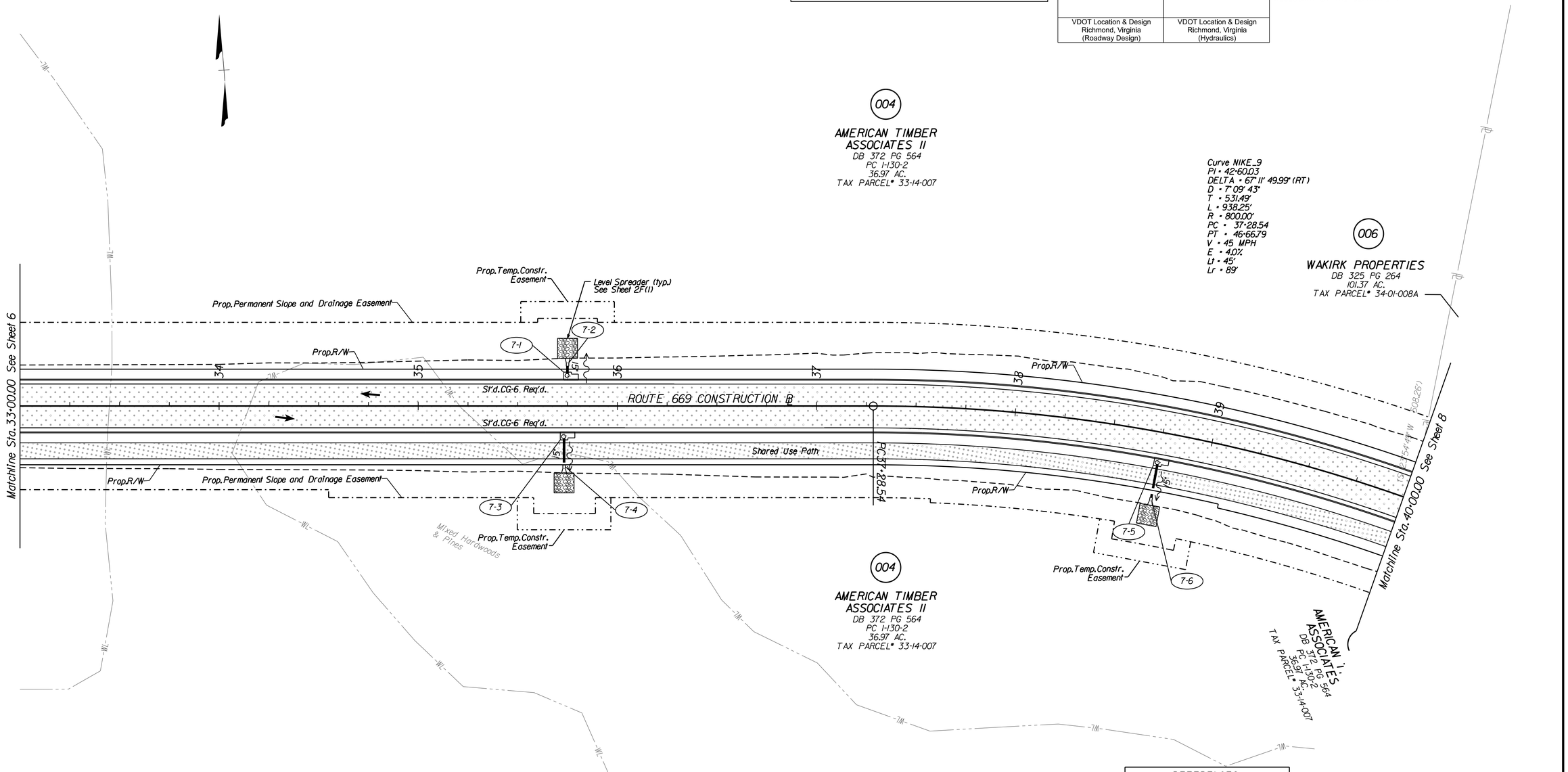
RW PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

VDOT Location & Design Richmond, Virginia (Roadway Design)	VDOT Location & Design Richmond, Virginia (Hydraulics)

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	669	0669-046-682 RW-201, C-501	7

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



Denotes Demolition of Pavement
Denotes Mill and Overlay 2"
Denotes Proposed Pavement Full Depth
Denotes Proposed Shared Use Path

See Sheet 4 for Utility Owner Information

--WL-- Wetland

Note : Figures in brackets and dot - dashed lines denote Permanent Easements.
Note : Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

C ..... Denotes Construction Limits in Cuts
F ____ Denotes Construction Limits in Fills

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Route 669 Profile	7A
Drainage Descriptions	15(1)-15(2)
E&S	7B-7C

SCALE	PROJECT	SHEET NO.
0 25' 50'	0669-046-682	7

PROJECT MANAGER _Wall Zamao, P.E. (757) 956-3272 (Hampton Rds. District)_
SURVEYED BY, DATE _Rice Associates (757) 306-4260 1/11/17_ _ _ _ _ _ _ _ _
DESIGN BY _Jason Henry, P.E. (804) 786-5975 (Central Office)_ _ _ _ _ _ _ _ _
SUBSURFACE UTILITY BY, DATE _ Rice Associates (757) 306-4260 1/11/17 _ _

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	669	0669-046-682 RW-201,C-501	8

VDOT Location & Design Richmond, Virginia (Roadway Design)	VDOT Location & Design Richmond, Virginia (Hydraulics)

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

Curve NIKE_9
PI = 42+60.03
DELTA = 67° 11' 49.99" (RT)
D = 7° 09' 43"
T = 531.49'
L = 938.25'
R = 800.00'
PC = 37+28.54
PT = 46+66.79
V = 45 MPH
E = 4.0%
Lt = 45'
Lr = 89'

006
WAKIRK PROPERTIES
DB 325 PG 264
101.37 AC.
TAX PARCEL# 34-01-008A

130' VEPCO Easement

Prop.Permanent Slope and Drainage Easement

Prop.R/W

Std.CG-6 Regd.

Std.CG-6 Regd.

Shared Use Path

Prop.R/W

Prop.Permanent Slope and Drainage Easement

ROUTE 669 CONSTRUCTION

Prop.Temp.Constr. Easement

Level Spreader (typ.) See Sheet 2F(1)

Curb Cut to Mod. PG-5,W=2' (typ.) In Sump See Sheet 2F(2)

8-1

8-2

8-3

8-4

8-5

Level Spreader (typ.) See Sheet 2F(1)

Level Spreader (typ.) See Sheet 2F(1)

Matchline Sta.47+25.00 See Sheet 9

Matchline Sta.40+00.00 See Sheet 7

004
AMERICAN TIMBER ASSOCIATES II
DB 372 PG 564
PC 1-130-2
36.97 AC.
TAX PARCEL# 33-14-007

006
WAKIRK PROPERTIES
DB 325 PG 264
101.37 AC.
TAX PARCEL# 34-01-008A

OVH High Tension Line

E High Tension Line

High Tension Power Line Elevation 75' Overhead Clearance Due to Grade Elevation Change 652'

E High Tension Line

High Tension Tower #214-19 #263-151

Gross Area

Mixed Hardwoods & Pines

Mixed Hardwoods & Pines

Mixed Hardwoods & Pines

RW PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

Denotes Demolition of Pavement
Denotes Mill and Overlay 2"
Denotes Proposed Pavement Full Depth
Denotes Proposed Shared Use Path
--WL-- Wetland

See Sheet 4 for Utility Owner Information

Note : Figures in brackets and dot - dashed lines denote Permanent Easements.
Note : Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

C ..... Denotes Construction Limits in Cuts
F _ _ _ _ Denotes Construction Limits in Fills

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Route 669 Profile	8A
Drainage Descriptions	15(1)-15(2)
E&S	8B-8C

Drainage Structure Legend

Curb Cut to Mod. PG-5,W=2' (Typ.) w/ Steel Plate Crossing See Detail Sheet 2F(2)

Level Spreader (Typ.) See Sheet 2F(1)

On Grade or Slope Location — Curb Cut to Mod. PG-5,W=2' (Typ.) See Sheet 2F(2)

In Sump Location — Curb Cut to Mod. PG-5,W=2' (Typ.) See Sheet 2F(2)

SCALE	PROJECT	SHEET NO.
0 25' 50'	0669-046-682	8

PROJECT MANAGER _ Wall Zamao, P.E. (757) 956-3272 (Hampton Rds. District)
SURVEYED BY, DATE _ Rice Associates (757) 306-4260, 1/1/17
DESIGN BY _ Jason Henry, P.E. (804) 786-5975 (Central Office)
SUBSURFACE UTILITY BY, DATE _ Rice Associates (757) 306-4260, 1/1/17

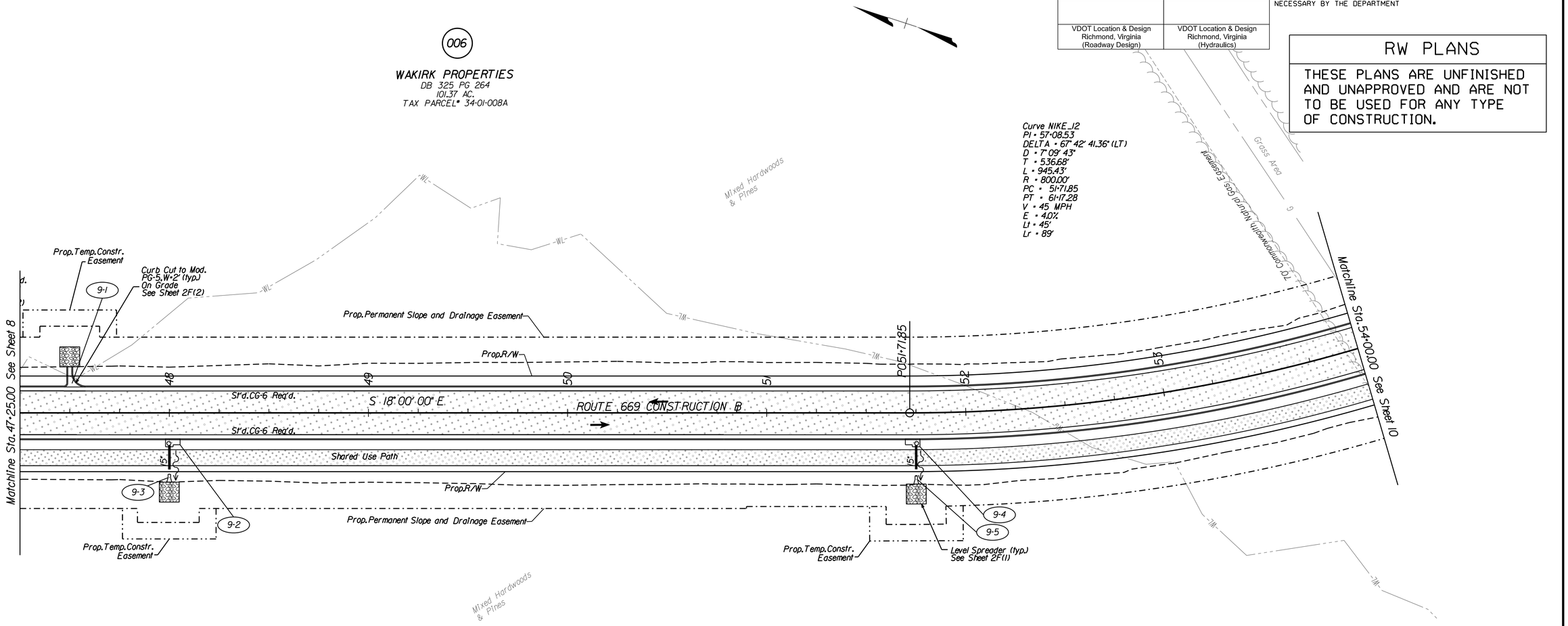
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	669	0669-046-682 RW-201,C-501	9

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

VDOT Location & Design Richmond, Virginia (Roadway Design)	VDOT Location & Design Richmond, Virginia (Hydraulics)

RW PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.



Drainage Structure Legend

- Level Spreader (Typ.) See Sheet 2F(1)
- On Grade or Slope Location: Curb Cut to Mod. PG-5, W=2' (Typ.) See Sheet 2F(2)
- In Sump Location: Curb Cut to Mod. PG-5, W=2' (Typ.) See Sheet 2F(2)

Denotes Demolition of Pavement
Denotes Mill and Overlay 2"
Denotes Proposed Pavement Full Depth
Denotes Proposed Shared Use Path

See Sheet 4 for Utility Owner Information

--WL-- Wetland

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Note : Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

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F _ _ _ _ Denotes Construction Limits in Fills

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Route 669 Profile	9A
Drainage Descriptions	15(1)-15(2)
E&S	9B-9C

SCALE 0 25' 50'

PROJECT	SHEET NO.
0669-046-682	9

PROJECT MANAGER _ Walt Zamaa, P.E. (757) 956-3272 (Hampton Rds. District)
SURVEYED BY, DATE _ Rice Associates (757) 306-4260, 1/1/17 _ _ _ _ _ _ _ _
DESIGN BY _ Jason Henry, P.E. (804) 786-5975 (Central Office) _ _ _ _ _ _ _ _
SUBSURFACE UTILITY BY, DATE _ Rice Associates (757) 306-4260, 1/1/17 _ _

RW PLANS

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VDOT Location & Design Richmond, Virginia (Roadway Design)	VDOT Location & Design Richmond, Virginia (Hydraulics)

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	669	0669-046-682 RW-201, C-501	10

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

Matchline Sta. 54+00.00 See Sheet 9

70' Commonwealth Natural Gas Easement

Gas Line Witness Post

Curve NIKE_12
PI = 57+08.53
DELTA = 67° 42' 41.36" (LT)
D = 7° 09' 43"
T = 536.68'
L = 945.43'
R = 800.00'
PC = 51+71.85
PT = 61+17.28
V = 45 MPH
E = 4.0%
Lt = 45'
Lr = 89'

Prop. Temp. Constr. Easement

10-1

10-2

Curb Cut to Mod. PG-5, W=2' (typ.) On Grade See Sheet 2F(2)

Level Spreader (typ.) See Sheet 2F(1)

S'd. CG-9D Reqd. Ty. I, 5'x W=16'

POT 1+00.00

S 41° 20' 09" W

N 41° 20' 09" E

LEFT EP NIKE

Curb Cut to Mod. PG-5, W=2' (typ.) On Grade See Sheet 2F(2)

Prop. Temp. Constr. Easement

Mixed Hardwoods & Pines

10-3 Prop. Permanent Slope and Drainage Easement

S'd. CG-6 Req'd.

Prop. R/W

ROUTE 669 CONSTRUCTION ℄

Shared Use Path

495' TRANSITION

Prop. Permanent Slope and Drainage Easement

S'd. CG-9D Req'd. Ty. I, 2.81'x W=16'

POT 1+00.00

006

WAKIRK PROPERTIES
DB 325 PG 264
101.37 AC.
TAX PARCEL* 34-01-008A

006

WAKIRK PROPERTIES
DB 325 PG 264
101.37 AC.
TAX PARCEL* 34-01-008A

DB 325 PG 264
101.37 AC.
TAX PARCEL* 34-01-008A

Septic Drain Field In Area Per Health Department Records No Field Evidence Observed

(N 77°10'00" W 150.00')

007

DAN M. TURNAGE
Inst.* 080003385
PC 2-187-4
1.953 AC.
TAX PARCEL* 34-01-008C

PP-BG72

TVPed-No*

TPed-B21

Curve ENTR_5950_3
PI = 1+14.70
DELTA = 76° 54' 16.98" (RT)
D = 114° 35' 30"
T = 39.70'
L = 67.11'
R = 50.00'
PC = 0+75.00
PT = 1+42.11

Prop. Temp. Constr. Easement

Mixed Hardwoods & Pines

(N 12°50'00" E 230.00')

Curb Cut to Mod. PG-5, W=2' (typ.) In Sump See Sheet 2F(2)

10-4

10-5

R=67'

PCO 0+75.00

PT 1+42.11

S 86°

S'd. CG-11 Req'd. Ty. I, 2'x W=30'

R=33'

S'd. CG-6 Req'd.

R=50'

R=5'

15'

S'd. CG-11 Type N. Req'd.

10-6

Curb Cut to Mod. PG-5, W=2' (typ.) On Grade See Sheet 2F(2)

10-7

S 6° E

N 16° 08' E

60

(N 77°10'00" W 150.00')

100' Left Turn Taper

100' Right Turn/Lane Taper

6' Vinyl Fence

Septic Pump

6' Chain Link Fence

6' Chain Link Fence / Vinyl Fence

(N 12°50'00" E 230.00')

Prop. Acquisition Line

Remove Existing Fence

007

DAN M. TURNAGE
Inst.* 080003385
PC 2-187-4
1.953 AC.
TAX PARCEL
* 34-01-008C

008

PADEWAY, LLC
Inst.* 050003599
PLAT DB 330
PG 62I
0.530 AC.
TAX PARCEL

Matchline Sta. 61+00.00 See Sheet 11

Denotes Demolition of Pavement
Denotes Mill and Overlay 2"
Denotes Proposed Pavement Full Depth
Denotes Proposed Shared Use Path
--WL-- Wetland

See Sheet 4 for Utility Owner Information

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Route 669 Profile	10A
Entrance Profiles	12D
Drainage Descriptions	15(1)-15(2)
E&S	10B-10C

Drainage Structure Legend

Level Spreader (Typ.) See Sheet 2F(1)

Curb Cut to Mod. PG-5, W=2' (Typ.) See Sheet 2F(2) — On Grade or Slope Location

Curb Cut to Mod. PG-5, W=2' (Typ.) See Sheet 2F(2) — In Sump Location

Note : Figures in brackets and dot - dashed lines denote Permanent Easements.

Note : Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

C ..... Denotes Construction Limits in Cuts

F ____ Denotes Construction Limits in Fills

SCALE 0 25' 50'

PROJECT	SHEET NO.
0669-046-682	10

PROJECT MANAGER _ Wall Zamao, P.E. (757) 956-3272 (Hampton Rds. District)
SURVEYED BY, DATE _ Rice Associates (757) 306-4260 1/1/17
DESIGN BY _ Jason Henry, P.E. (804) 786-5975 (Central Office)
SUBSURFACE UTILITY BY, DATE _ Rice Associates (757) 306-4260 1/1/17

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	669	0669-046-682 PE-101, RW-201, C-501	11

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

VDOT Location & Design Richmond, Virginia (Roadway Design)	VDOT Location & Design Richmond, Virginia (Hydraulics)

RW PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

Matchline Sta. 61+00.00 See Sheet 10

Matchline Sta. 124+50.00 See Sheet 12

010 SC CARROLLTON, LLC
Inst.# 180000733
PC 2-119-2 &3
4.329± AC.
TAX PARCEL# 34-01-009

009 MARK CUNDIFF
Inst.# 200005512
0.300 AC.
TAX PARCEL# 34-01-008

008 PADEWAY, LLC
Inst. # 080003599
PLAT DB 330 PG 621
0.530 AC.
TAX PARCEL # 34-01-008B

007 DAN M. TURNAGE
Inst.# 080003385
PC 2-187-4
1.953 AC.
TAX PARCEL# 34-01-008C

006 WAKIRK PROPERTIES
DB 325 PG 264
101.37 AC.
TAX PARCEL# 34-01-008A

011 DAN M. TURNAGE
Inst.# 080003385
PC 2-187-4
2.930 AC.
TAX PARCEL# 34-01-008D

UNIVERSITY SQUARE ASSOCIATES
Inst.# 010000167
PC 2-81-1
1.394 AC.
TAX PARCEL# 34-01-71

KARL T. STAUTY
LOREAN R. STAUTY
Inst.# 000000323
PLAT DB 277 PG 480
0.73 AC.
TAX PARCEL # 34-01-072

KARL T. STAUTY
LOREAN R. STAUTY
Inst.# 000000323
PLAT DB 277 PG 480
1.010 AC.
TAX PARCEL # 34-01-072

KARL T. STAUTY
LOREAN R. STAUTY
Inst.# 050000794
PLAT DB 287 PG 884
40.0± AC.
TAX PARC

TERRY L. JORDAN
Inst.# 210004585
PB 5 PG 83
1.38 AC.
TAX PARCEL# 31-01-074

PT 61+17.28
Curve NIKE_12
PI = 57+08.53
DELTA = 67° 42' 41.3" (LT)
D = 7° 09' 43"
T = 536.68'
L = 945.43'
R = 800.00'
E = 4.0%
V = 45 MPH
Lt = 45'
Lr = 89'
POT 3+25.00
49.35' E
St'd.CG-11 Reg'd.
1'x1.22'x W-30"
Prop. Temp. Constr. Easement D-901
Prop. Permanent Slope and Drainage Easement
Prop. R/W
Prop. Acquisition Line
Remove Existing Fence
Remove Existing 100' Right Turn Lane
Remove Exist Curb
Proposed Permanent VDOT Utility Easement Variable Width
Do Not Disturb
Prop. Temp. Constr. Easement
Prop. Permanent Slope and Drainage Easement
St'd. CG-12B Req'd
St'd. Rad. CG-7 Req'd.
St'd. CG-7 Req'd.
St'd. CG-6 Req'd.
St'd. UD-4
St'd. UD-2
Sawcut Req'd.
TO BE CLEANED OUT
TO BE REMOVED
200' Right Turn Lane
200' TAPER
200' Left Turn Lane
BEGIN CONSTRUCTION RTE. 17SB STA. 225+50.00
END CONSTRUCTION / END PROJECT 0669-046-682 PE-101 RTE. 669 STA. 62+94.83
END CONSTRUCTION RTE. 17 NB STA. 126+61.56
END CONSTRUCTION RTE. 17SB STA. 231+25
ROUTE 17 SB CONST. ℄
ROUTE 17 NB CONST. ℄
N 4° 18' 35" E
N 4° 30' 36" E
S 85° 42' 41" E
INT N 3509161.9684 E 12056350.9950
Intersection Angle = 90°01'17"
Nike Park Constr. Baseline Sta. 63+04.37
US 17 SB Constr. Baseline Sta 226+50.71
PIPE TO REMAIN AND BE CLEANED OUT
Curve NB17_7
PI = 127+12.07
DELTA = 0° 27' 44.39" (RT)
D = 0° 12' 55"
T = 1107.32'
L = 2144.54'
R = 26,600.00'
PC = 126+04.75
PT = 128+19.39
POT 232+00.00
PT 128+19.39
POT 126+04.75
Prop. SI-3 Req'd.
6" HDPE FM (Isle of Wight)
Sawcut Req'd.
Remove Exist Curb
Prop. Permanent Slope and Drainage Easement
Do Not Disturb
Proposed Permanent VDOT Utility Easement Variable Width

Denotes Demolition of Pavement
Denotes Mill and Overlay 2"
Denotes Proposed Pavement Full Depth
Denotes Proposed Shared Use Path

See Sheet 4 for Utility Owner Information

--WL-- Wetland

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Note : Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

C ..... Denotes Construction Limits in Cuts

F ..... Denotes Construction Limits in Fills

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

Route 669 Profile	IIA
Route 17 SB Profile	IIB
Route 17 NB Profile	IIE
Drainage Descr.	15(1)-15(2)
Entrance Profiles	12D
E&S	IIC-IID

SCALE 0 25' 50'

PROJECT	SHEET NO.
0669-046-682	11