

**DESIGN-BUILD**

**Route 7 Widening and Bridge Rehabilitation  
Over Dulles Toll Road and Airport Access Highway**

Fairfax County, Virginia

State Project No.: 0007-029-139, P101, R201, C501, B617, B618

Federal Project No.: BR-5401 (738)

Contract ID Number: C00082135DB77

Original



Submitted to: Virginia Department of Transportation  
1401 E. Broad Street  
Richmond, Virginia 23219

March 9, 2015



Submitted by:





March 9, 2015

Mr. Stephen D. Kindy, PE  
Virginia Department of Transportation  
1401 East Broad Street  
Annex Building, 8<sup>th</sup> Floor  
Richmond, VA 23219

**RE: Request for Proposal | Design Build**  
**Route 7 Widening and Bridge Rehabilitation over Dulles Toll Road and Airport Access Highway**  
**State Project No.: 0007-029-139, P101, R201, C501, B617, B618**  
**Federal Project No.: BR-5401 (738) | Contract ID Number: C00082135DB77**  
**Letter of Submittal**

Dear Mr. Kindy:

In response to the above referenced RFP, Corman Construction, Inc. (Corman) is pleased to submit one original Letter of Submittal and Attachments and one CD-ROM containing the proposal in a single cohesive Adobe PDF file.

**4.1.1 Offeror:** Corman Construction, Inc., 12001 Guilford Road, Annapolis Junction, MD 20701

**4.1.2** Corman declares our intent that, if selected, we will enter into a contract with VDOT for the Project in accordance with the terms of this RFP.

**4.1.3** Pursuant to Part 1, Section 8.2, Corman declares that the offer represented by our Proposal will remain in full force and effect for 120 days after the date the Letter of Submittal and Attachments are actually submitted to VDOT.

**4.1.4 Point of Contact:** Louis Robbins, PE, DBIA – Vice President, Design-Build; Corman Construction, Inc., 12001 Guilford Road, Annapolis Junction, MD 20701; 301-953-0900 (Telephone); 301-953-0384 (Fax); 703-772-8566 (Cell); lrobbins@cormanconstruction.com.

**4.1.5 Principal Officer:** Chase Cox, Vice President; Corman Construction, Inc., 12001 Guilford Road, Annapolis Junction, MD 20701; 301-953-0900 (Telephone); 240-882-3973 (Cell).

**4.1.6 Final Completion Date:** 9/1/17.

**4.1.7 Proposal Payment Agreement:** An executed Proposal Payment Agreement (Attachment 9.3.1) is included in the Appendix.

**4.1.8 Debarment Forms:** Certification Regarding Debarment Forms (Attachments 11.8.6(a) & 11.8.6(b)) have been signed and are included in the Appendix.

**4.1.9** Corman's proposed project concept included with this Letter of Submittal is fully compliant with the Design Criteria Table included in the RFP as Attachment 2.2 and all the other requirements of this RFP. Corman also certifies that proposed limits of construction to include all stormwater management facilities are located within the right-of-way limits shown on the RFP plans with the exception of permanent and temporary

easements and that Corman's design concept does not require Design Exception and/or Design Waivers unless they are identified or included in the RFP or Addendum.

**4.1.10 DBE Requirements:** Corman is committed to achieving an 8% DBE participation goal for the entire value of the contract.

We present to you a design-build team equipped with the experience, knowledge, and resources to partner with the Virginia Department of Transportation in successfully delivering the Route 7 Widening and Bridge Rehabilitation over Dulles Toll Road and Airport Access Highway project.

Sincerely,

**CORMAN CONSTRUCTION, INC.**

A handwritten signature in blue ink, appearing to read "AC Cox", is written over a horizontal line.

Chase Cox, Vice President





## **4.2 ATTACHMENTS TO THE LETTER OF SUBMITTAL**

### **4.2.1 Organizational Chart and Key Personnel**

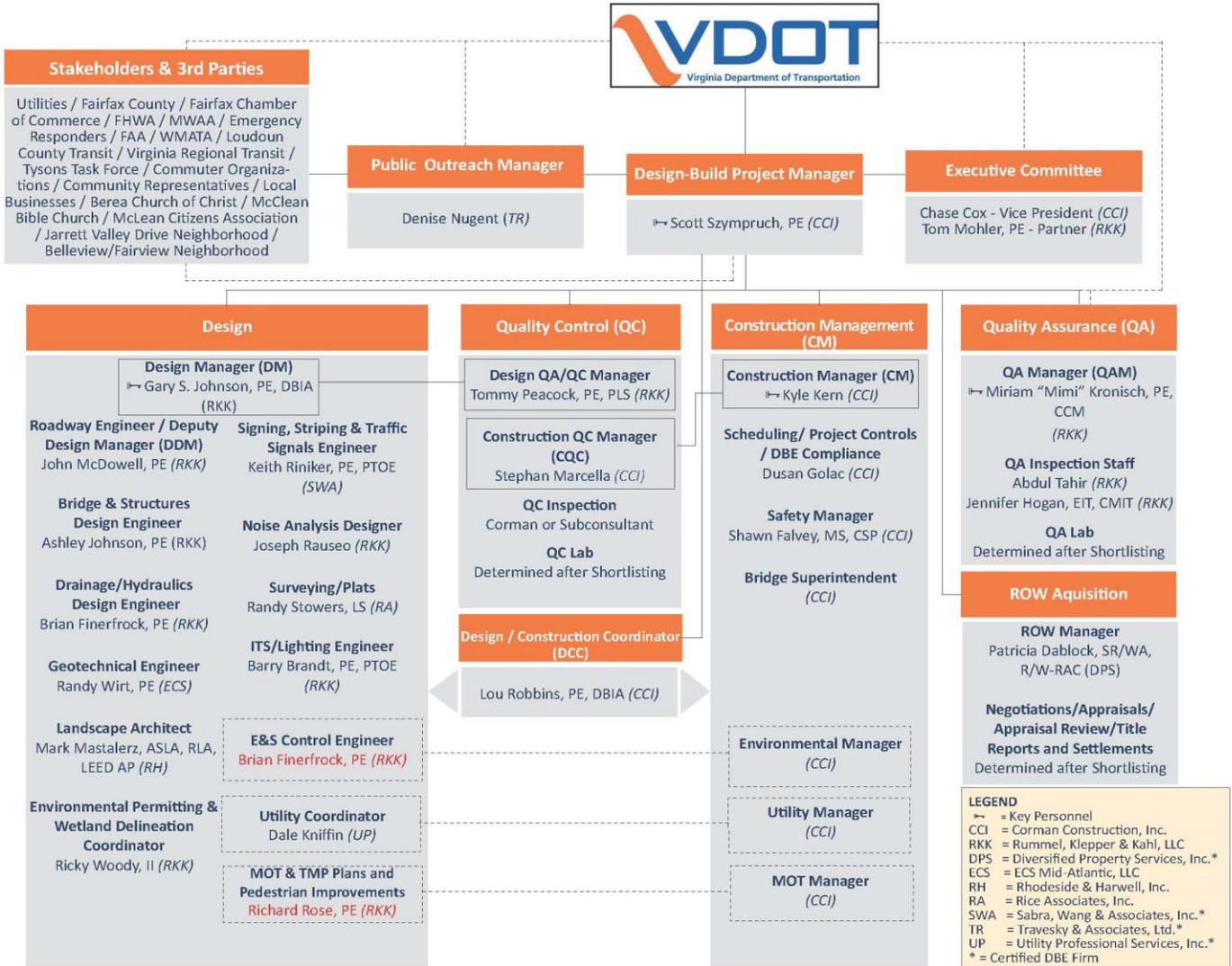
The Corman DB Team confirms that the Key Personnel contained in our SOQ remains true and accurate. Regarding the organizational chart, we have requested and received VDOT written approval to replace proposed Erosion & Sediment Control Engineer (non-key staff position) Sheila Reeves, PE with Brian Finerfrock, PE and proposed MOT & TMP Plans and Pedestrian Improvements (non-key staff position) Anand Patel, PE with Richard Rose, PE. Sheila and Anand are no longer employees of RK&K.

**Erosion and Sediment Control Engineer, Brian Finerfrock, PE** will report directly to the Design Manager. Brian is a Senior Water Resources Engineer with more than 19 years of advanced technical roadway and drainage training and experience on both rural and urban design projects. His project experience includes municipal and roadway design projects on new location, reconstruction and widening, and major drainage improvement projects. He was the District River Mechanic Engineer overseeing all riverine and scour studies of bridges and culverts for VDOT NOVA District including I-495 HOT lanes, Woodrow Wilson Bridge, I-95 4th lane, Route 28 PPTA, and Route 15 Haymarket PPTA. *Design-build experience includes Battlefield Parkway Design-Build, Pacific Boulevard Design Build, Route 27/244 Design-Build, and Route 50 Widening Design-Build.*

**MOT & TMP Plans and Pedestrian Improvements, Gladston “Richard” Rose, PE** brings more than 19 years of engineering experience in the management and design of transportation infrastructure improvements projects, including the preparation of MOT plans and pedestrian improvements for municipalities and state DOTs, including Virginia. He is adept at resolving conflicting movements between vehicular and pedestrian traffic at intersections to increase safety. Richard has provided complex maintenance of traffic plans on small sidewalk projects to multi-lane highways projects. He was the Senior Engineer responsible for the design and investigation of intersection and route improvements for the VDOT/FCDOT Jones Branch Connector Study in Fairfax County. He also served as Senior Roadway Engineer and Maintenance of Traffic Engineer for task orders under the VDOT Northern Virginia District Limited Design Services On-Call Contract on projects including: Route 7 Truck Climbing Lane in Loudoun County where he was responsible for the design and drafting of MOT plans; the Route 9 Traffic Calming and Pedestrian Enhancements in the Town of Hillsboro preparing preliminary and final design plans for traffic calming and pedestrian enhancements; and Balls Ford Road Improvements in Prince William County that included widening and drainage improvements of Balls Ford Road within the Groveton Road intersection. Richard will report directly to the Design Manager.

The Corman DB Team Organization Chart on the following page shows the “chain of command” and illustrates the functional relationships. Solid lines identify the reporting relationships of our team members in managing, designing and constructing the project, including quality control/quality assurance. Dashed lines represent indirect reporting and obligations to the owner and/or Corporate Management. The chart also shows that a clear separation exists between QA and Construction QC inspection and field/laboratory testing.

*Design-Build Route 7 Widening and Bridge Rehabilitation  
over Dulles Toll Road and Airport Access Highway  
Contract ID #: C00082135DB77*





FOR INDEX OF SHEETS SEE SHEET 1B

THIS PROJECT WAS DEVELOPED UTILIZING THE DEPARTMENT'S ENGINEERING DESIGN PACKAGE (GEOPAK).  
GEOPAK Computer Identification No. 82135



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION

FHWA 534 DATA 4E113

STATE	FEDERAL AID	ROUTE	STATE	SHEET NO.
	PROJECT		PROJECT	
VA.	BR-5401 ( ) (SEE TABULATION BELOW FOR SECTION NUMBERS)	7	0007 - 029 - 139 (SEE TABULATION BELOW FOR SECTION NUMBERS)	1

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA		
Urban Principal Arterial (GS-5) - Rolling - 50/40 MPH Design Speed		
	Fr: Georgetown Pike (Rte. 193) To: Dulles Toll Road (Rte. 267)	Fr: Dulles Toll Road (Rte. 267) To: Tysons Corner (Rte. 123)
ADT (2012)	53,000	60,000
ADT (2036)	72,260	81,800
DHV	3,816	4,320
D (%) (design hour)	60/40	60/40
T (%) (design hour)	2%	2%
V (MPH)	*	*

\* The design speed shall be 50 MPH on Route 7 west of the intersection with Jarrett Valley Drive and 40 MPH on Route 7 east of the intersection with Jarrett Valley Drive.

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

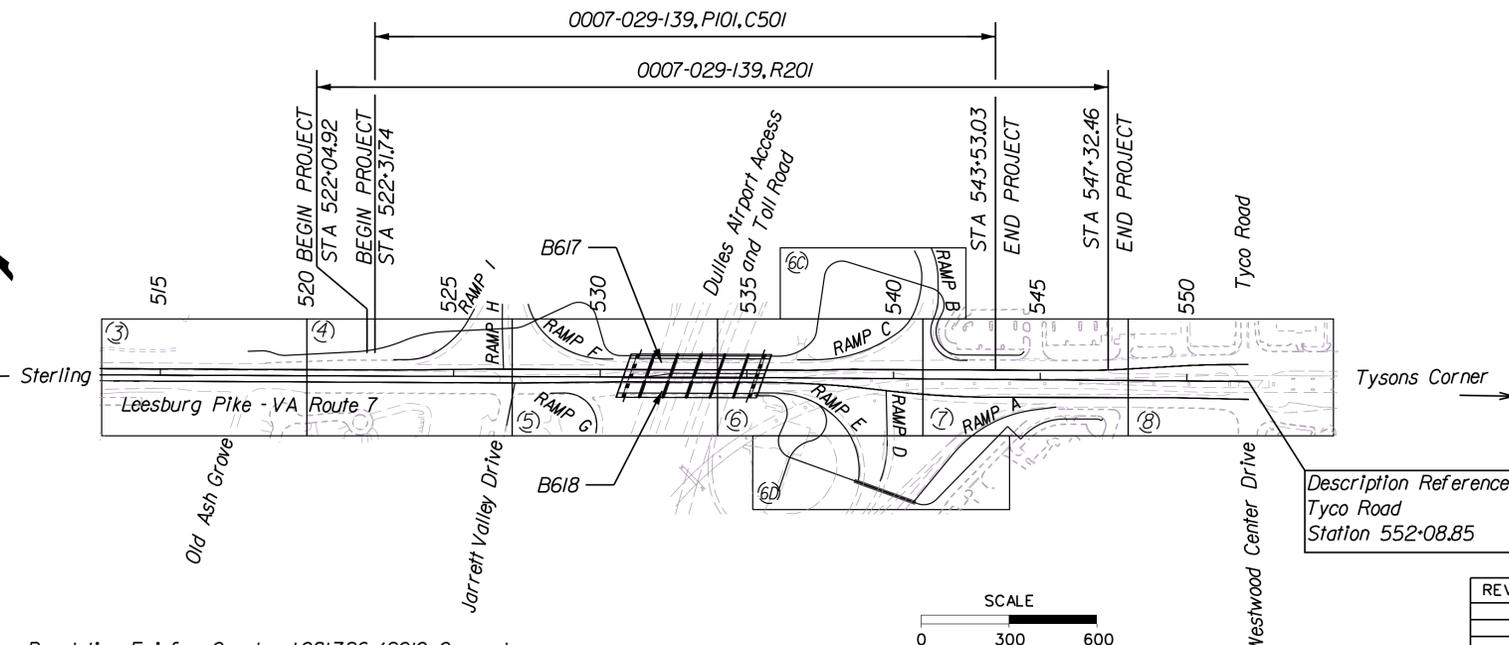
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY  
DESIGN-BUILD RFP PLANS  
FAIRFAX COUNTY  
FR: 0.564 MILE WEST OF TYCO ROAD  
TO: 0.162 MILE WEST OF TYCO ROAD



Conceptual Roadway Plans  
March 9, 2015

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 2007 ROAD AND BRIDGE SPECIFICATIONS, 2008 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.

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

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

Population Fairfax County - 1,081,726 (2010 Census)

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	EQUALITIES	LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		BRIDGE PLAN NO.	TYPE PROJECT	DESCRIPTION
					FEET	FEET	MILES	FEET	MILES			
0007-029-139	P-101		PENG	82135	N/A	2121.29	0.4018	1684.23	0.3190		Prelim. Eng.	FR: 0.564 MILE WEST OF TYCO RD. TO: 0.162 MILE WEST OF TYCO RD.
	C-501		I000	82135	N/A	2121.29	0.4018	1684.23	0.3190		Construction	
	B617	BR-5401 (738)	X271	82135	N/A	437.06	0.0828	-	-	189-08B	Bridge	CARRIES RTE. 7 WB OVER DATR
	B618	BR-5401 (738)	X271	82135	N/A	437.06	0.0828	-	-	189-08B	Bridge	CARRIES RTE. 7 EB OVER DATR
	R-201		ROWA	82135	N/A	2527.54	0.4787	2090.48	0.3959		Right-of-Way	FR: 0.571 MILE WEST OF TYCO RD. TO: 0.090 MILE WEST OF TYCO RD.

Project Lengths are based on Route 7 Construction B/L.



TIER 2 PROJECT	
RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION	
DATE	PROGRAMMING DIVISION DIRECTOR
DATE	STATE LOCATION AND DESIGN ENGINEER
DATE	CHIEF OF PLANNING AND PROGRAMMING
DATE	CHIEF ENGINEER

APPROVED FOR RIGHT OF WAY ACQUISITION	
DATE	CHIEF OF POLICY

RECOMMENDED FOR APPROVAL FOR CONSTRUCTION	
DATE	PROGRAMMING DIVISION DIRECTOR
DATE	STATE LOCATION AND DESIGN ENGINEER
DATE	STATE STRUCTURE AND BRIDGE ENGINEER
DATE	CHIEF OF PLANNING AND PROGRAMMING

APPROVED FOR CONSTRUCTION	
DATE	CHIEF ENGINEER

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

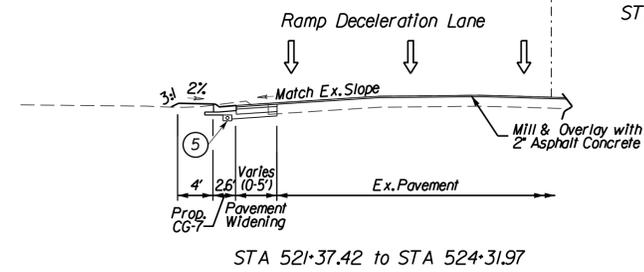
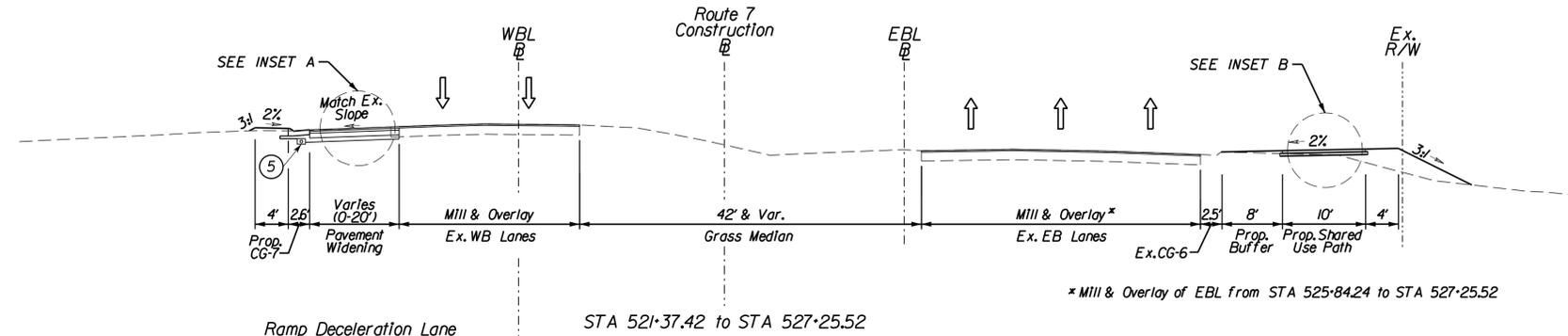
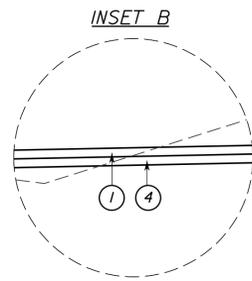
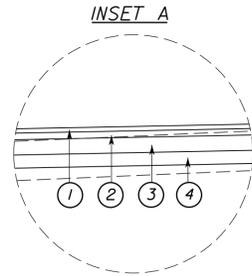
Copyright 2014, Commonwealth of Virginia

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.	7	0007-029-139, C501, R201, P101	2A

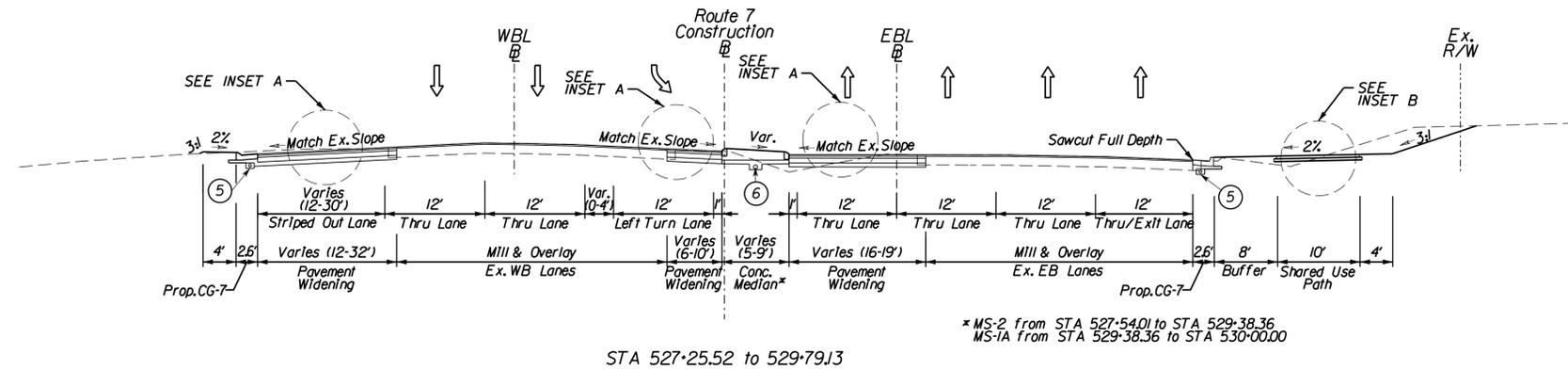
# TYPICAL SECTIONS

## West of Bridge Over Dulles Toll Road and Dulles Airport Access Road

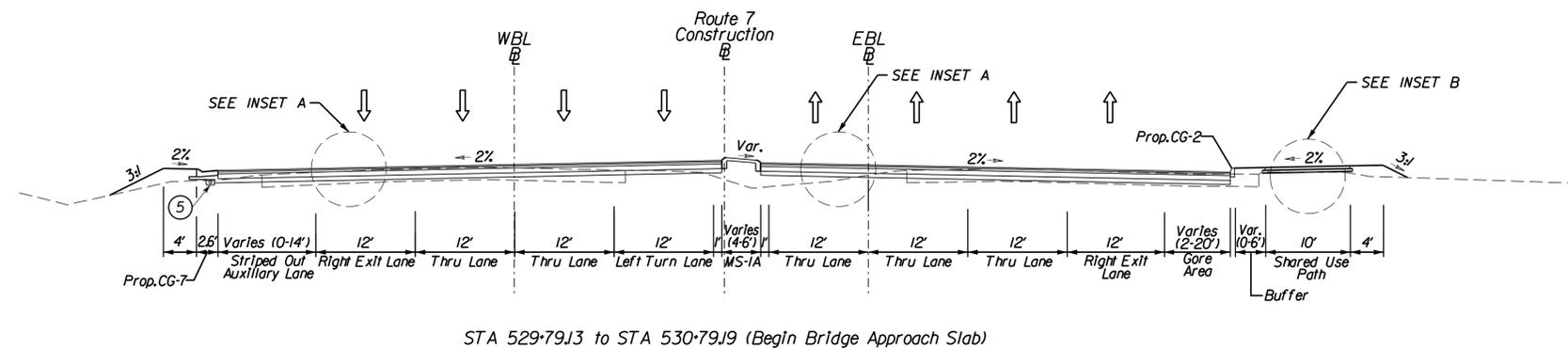


**LEGEND:**

- ① ASPHALT CONCRETE SURFACE COURSE TYPE SM-9.5D - 2"
- ② ASPHALT CONCRETE INTERMEDIATE COURSE TYPE IM-19.0A - 2"
- ③ ASPHALT CONCRETE BASE MATERIAL TYPE BM-25.0 - 8"
- ④ AGGREGATE BASE MATERIAL TYPE I, SIZE NO. 21B - 6"
- ⑤ VDOT STANDARD UD-4 UNDERDRAIN
- ⑥ VDOT STANDARD UD-2 UNDERDRAIN

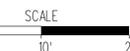


CONCEPTUAL ROADWAY PLANS  
MARCH 9, 2015



**NOTES:**

- 1. S'd. UD-4 underdrains shall be placed under curb/curb & gutter on low side of roadway for mainline and ramps.
- 2. S'd. UD-2 shall be placed under raised grass medians.
- 3. See Sheet 2C for details of Shared Use Path.



TYPICAL SECTIONS (1)

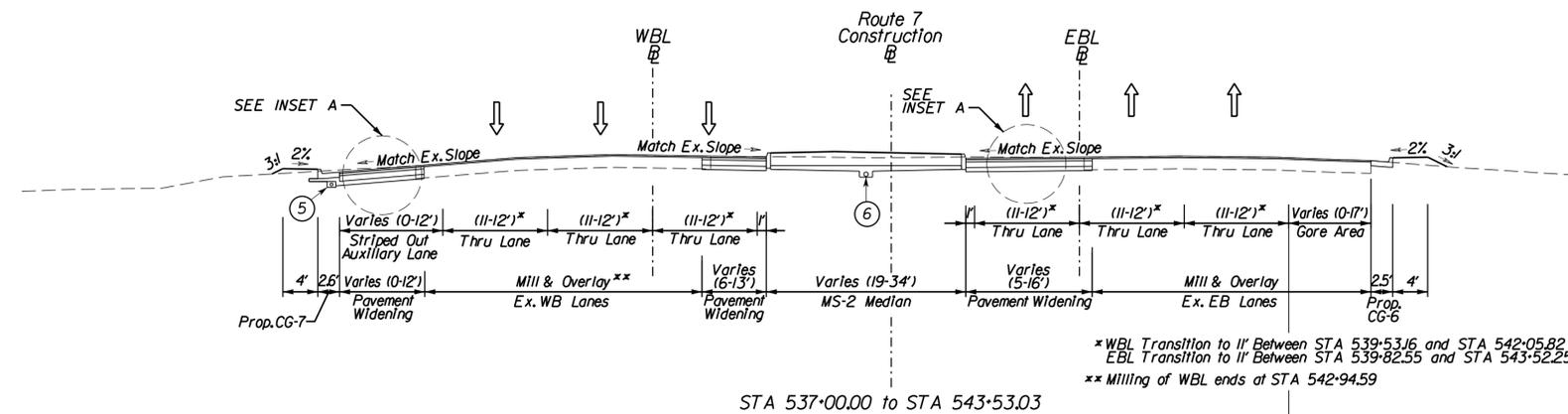
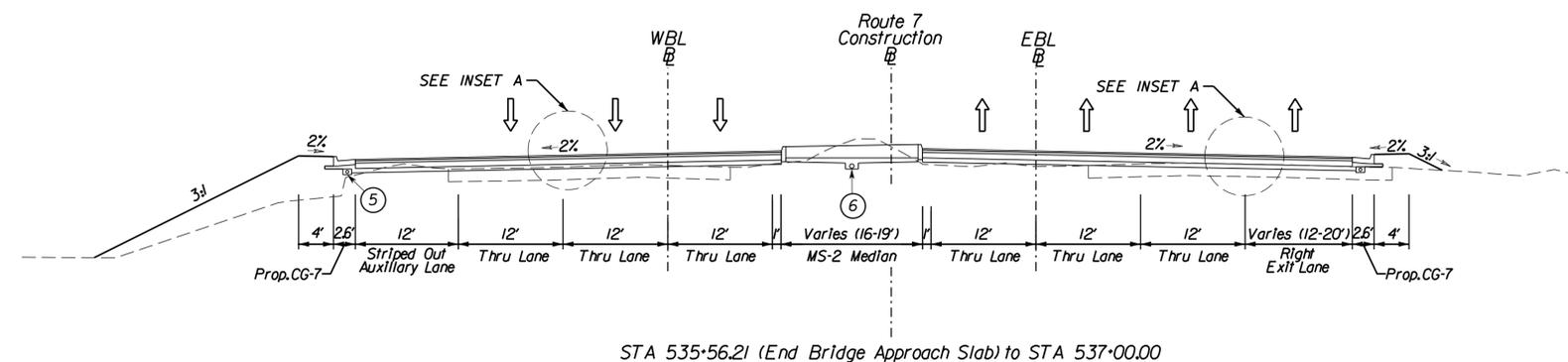
PROJECT 0007-029-139	SHEET NO. 2A
-------------------------	-----------------

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

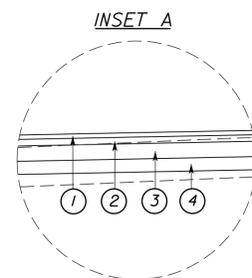
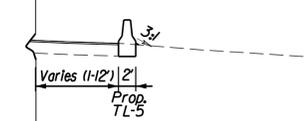
REVISED	STATE	STATE		SHEET NO.
	ROUTE	PROJECT		
	VA.	7	0007-029-139, C501, R201, P101	2B

# TYPICAL SECTIONS

## East of Bridge Over Dulles Toll Road and Dulles Airport Access Road



\* WBL Transition to 11' Between STA 539+53.16 and STA 542+05.82  
EBL Transition to 11' Between STA 539+82.55 and STA 543+52.25  
\*\* Milling of WBL ends at STA 542+94.59



**LEGEND:**

- ① ASPHALT CONCRETE SURFACE COURSE TYPE SM-9.5D - 2"
- ② ASPHALT CONCRETE INTERMEDIATE COURSE TYPE IM-19.0A - 2"
- ③ ASPHALT CONCRETE BASE MATERIAL, TYPE BM-25.0 - 8"
- ④ AGGREGATE BASE MATERIAL, TYPE 1, SIZE NO. 21B - 6"
- ⑤ VDOT STANDARD UD-4 UNDERDRAIN
- ⑥ VDOT STANDARD UD-2 UNDERDRAIN

CONCEPTUAL ROADWAY PLANS  
MARCH 9, 2015

**NOTES:**

- 1. Std. UD-4 underdrains shall be placed under curb/curb & gutter on low side of roadway for mainline and ramps.
- 2. Std. UD-2 shall be placed under raised grass medians.



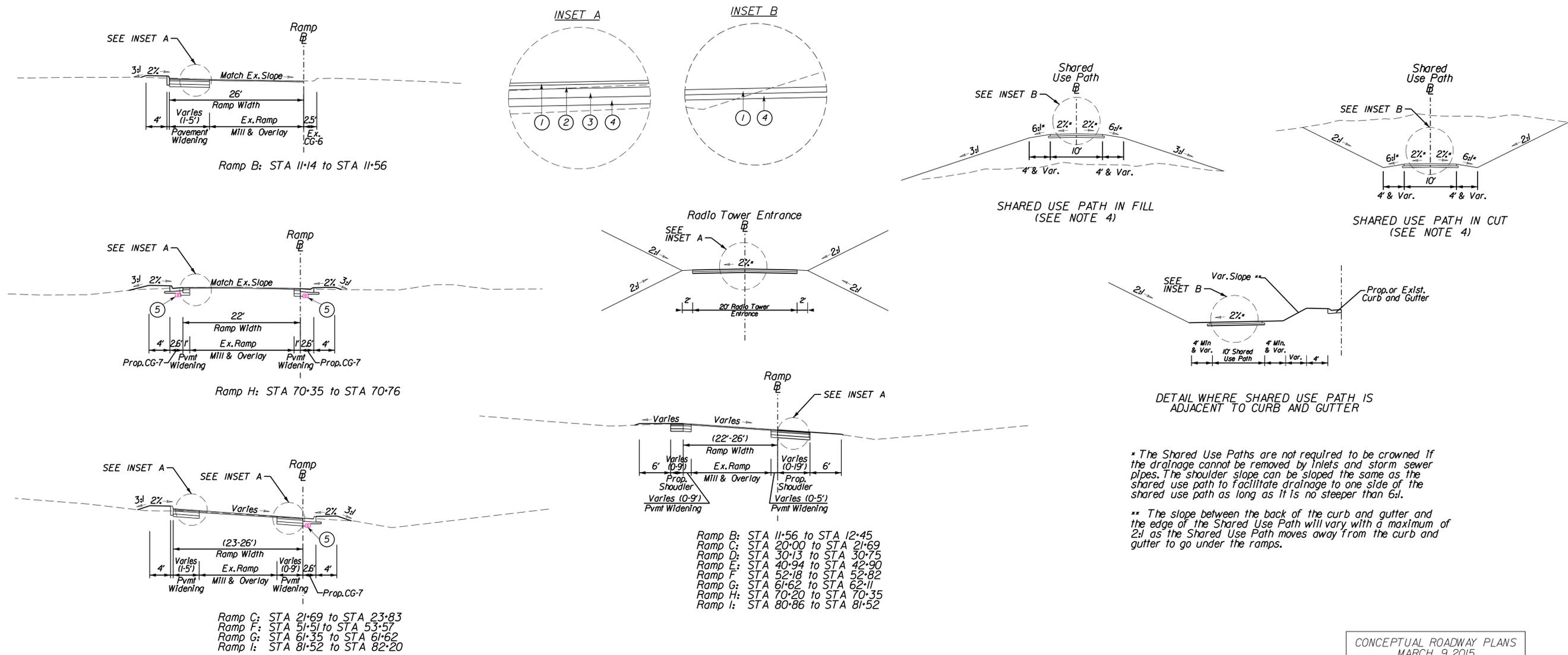
TYPICAL SECTIONS (2)		
PROJECT	0007-029-139	SHEET NO.
		2B

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.	7	0007-029-139, C501, R201, P101	2C

# TYPICAL SECTIONS

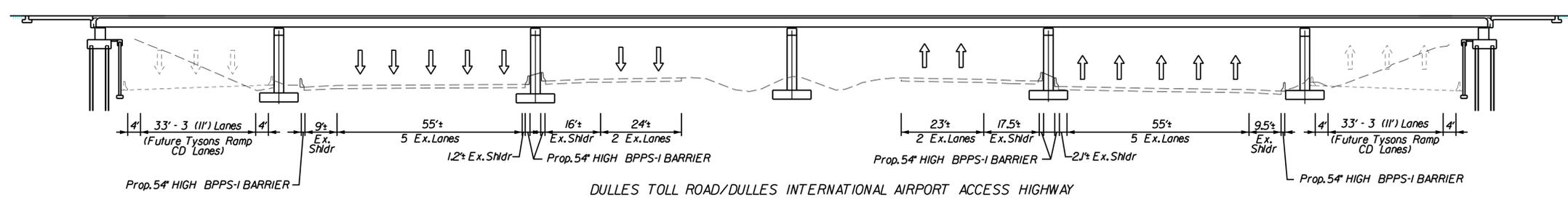
## Ramps and Shared Use Paths



\* The Shared Use Paths are not required to be crowned if the drainage cannot be removed by inlets and storm sewer pipes. The shoulder slope can be sloped the same as the shared use path to facilitate drainage to one side of the shared use path as long as it is no steeper than 6:1.

\*\* The slope between the back of the curb and gutter and the edge of the Shared Use Path will vary with a maximum of 2:1 as the Shared Use Path moves away from the curb and gutter to go under the ramps.

CONCEPTUAL ROADWAY PLANS  
MARCH 9, 2015



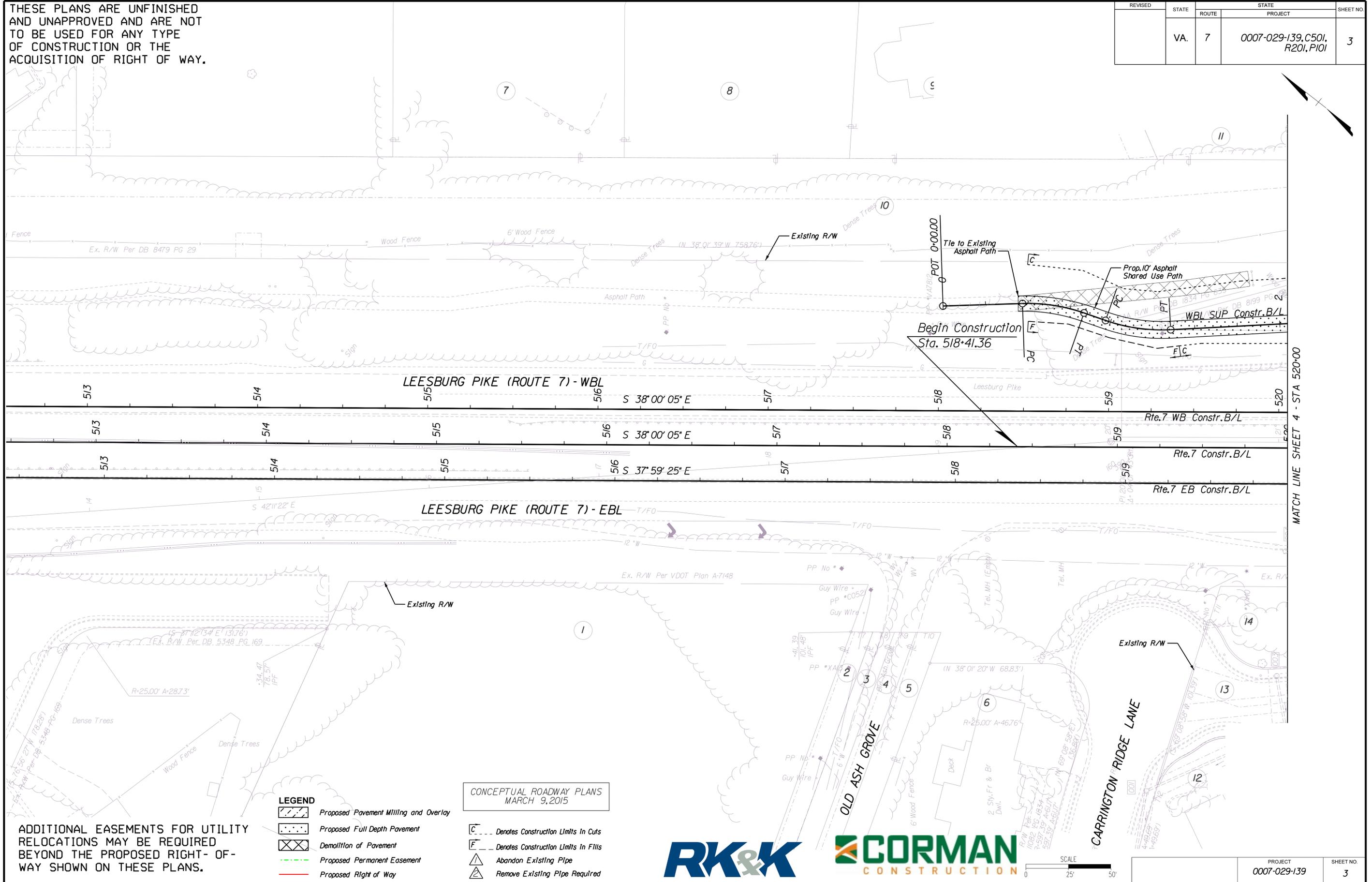
- NOTES:**
1. St'd. UD-4 underdrains shall be placed under curb/curb & gutter on low side of roadway for mainline and ramps.
  2. St'd. UD-2 shall be placed under raised grass medians.
  3. All paved shoulders shall have mainline pavement (mainline and ramps)
  4. Shared Use Path Typical Sections (especially in a cut) will need to be modified after drainage analysis and design is completed.



TYPICAL SECTIONS (3)		
PROJECT	0007-029-139	SHEET NO.
		2C

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.	7	0007-029-139, C501, R201, P101	3



MATCH LINE SHEET 4 - STA 520+00

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

**LEGEND**

	Proposed Pavement Milling and Overlay
	Proposed Full Depth Pavement
	Demolition of Pavement
	Proposed Permanent Easement
	Proposed Right of Way

CONCEPTUAL ROADWAY PLANS  
MARCH 9, 2015

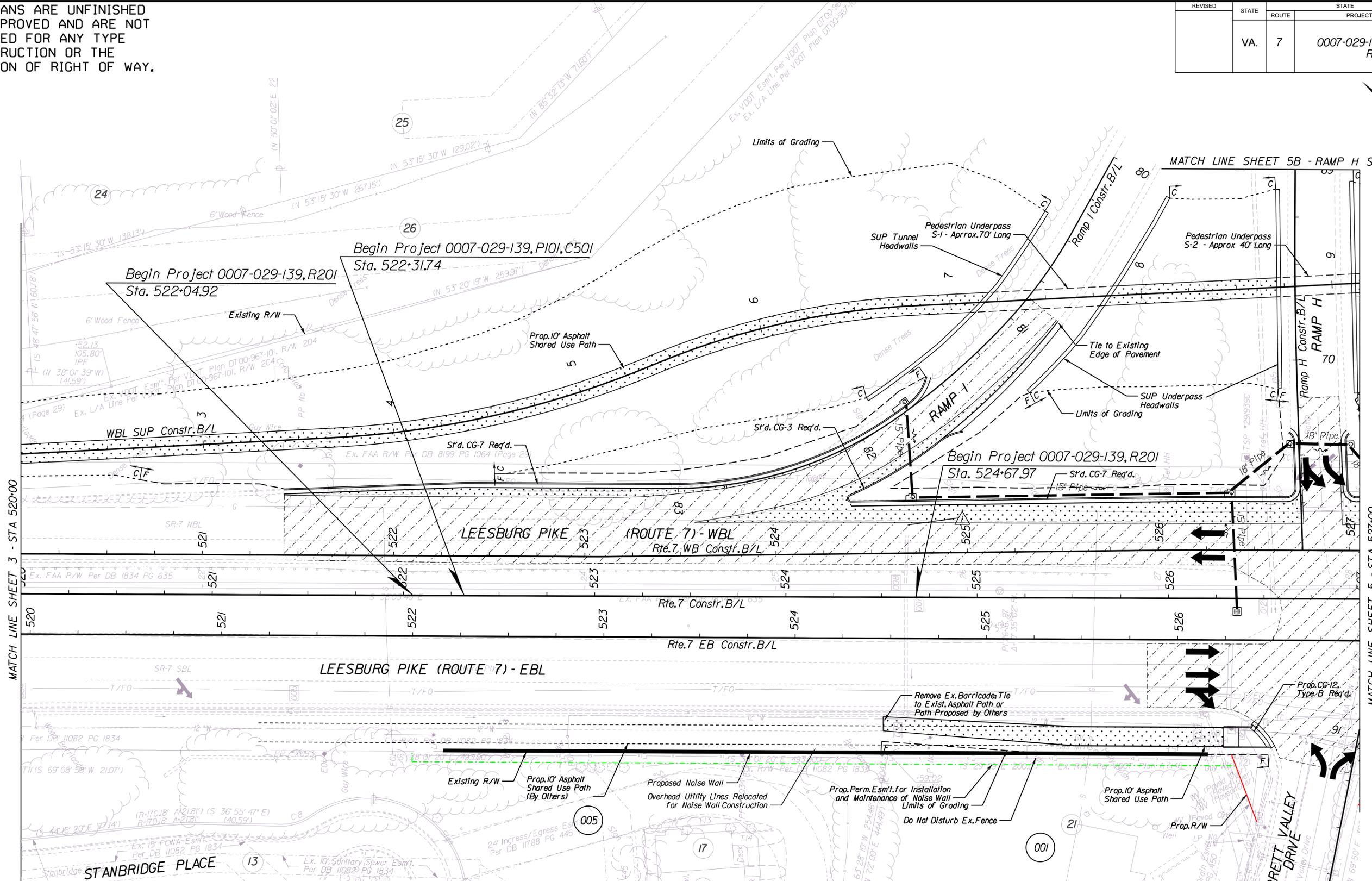
	Denotes Construction Limits In Cuts
	Denotes Construction Limits In Fills
	Abandon Existing Pipe
	Remove Existing Pipe Required



PROJECT	SHEET NO.
0007-029-139	3

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.	7	0007-029-139,C501, R201, P101	4



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

**LEGEND**

	Proposed Pavement Milling and Overlay		Denotes Construction Limits In Cuts
	Proposed Full Depth Pavement		Denotes Construction Limits In Fills
	Demolition of Pavement		Abandon Existing Pipe
	Proposed Permanent Easement		Remove Existing Pipe Required
	Proposed Right of Way		

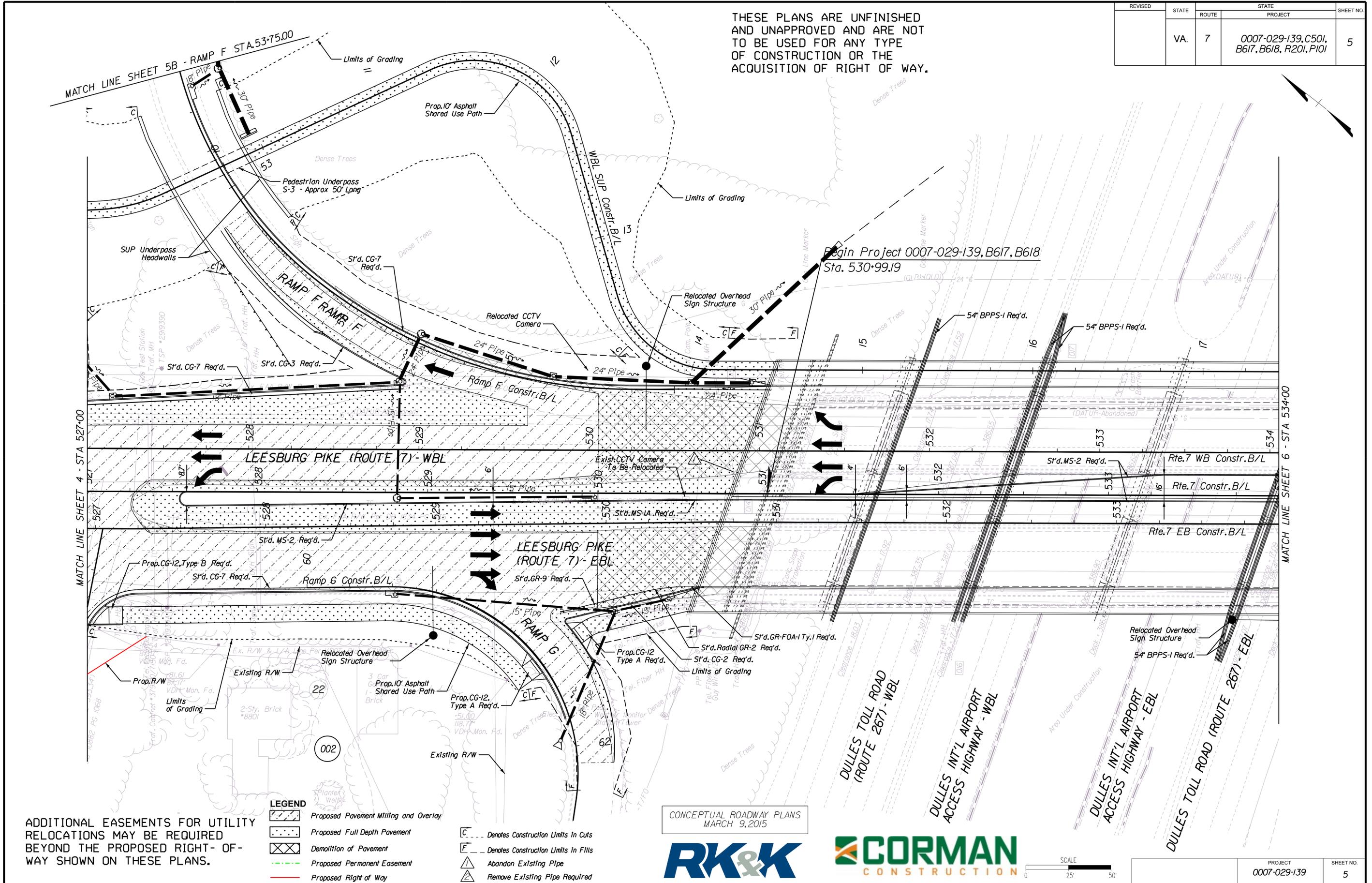
CONCEPTUAL ROADWAY PLANS  
MARCH 9, 2015

SCALE 0 25' 50'

PROJECT	SHEET NO.
0007-029-139	4

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.	7	0007-029-139, C501, B617, B618, R201, P101	5



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

LEGEND	
	Proposed Pavement Milling and Overlay
	Proposed Full Depth Pavement
	Demolition of Pavement
	Proposed Permanent Easement
	Proposed Right of Way
	Denotes Construction Limits in Cuts
	Denotes Construction Limits in Fills
	Abandon Existing Pipe
	Remove Existing Pipe Required

CONCEPTUAL ROADWAY PLANS  
MARCH 9, 2015

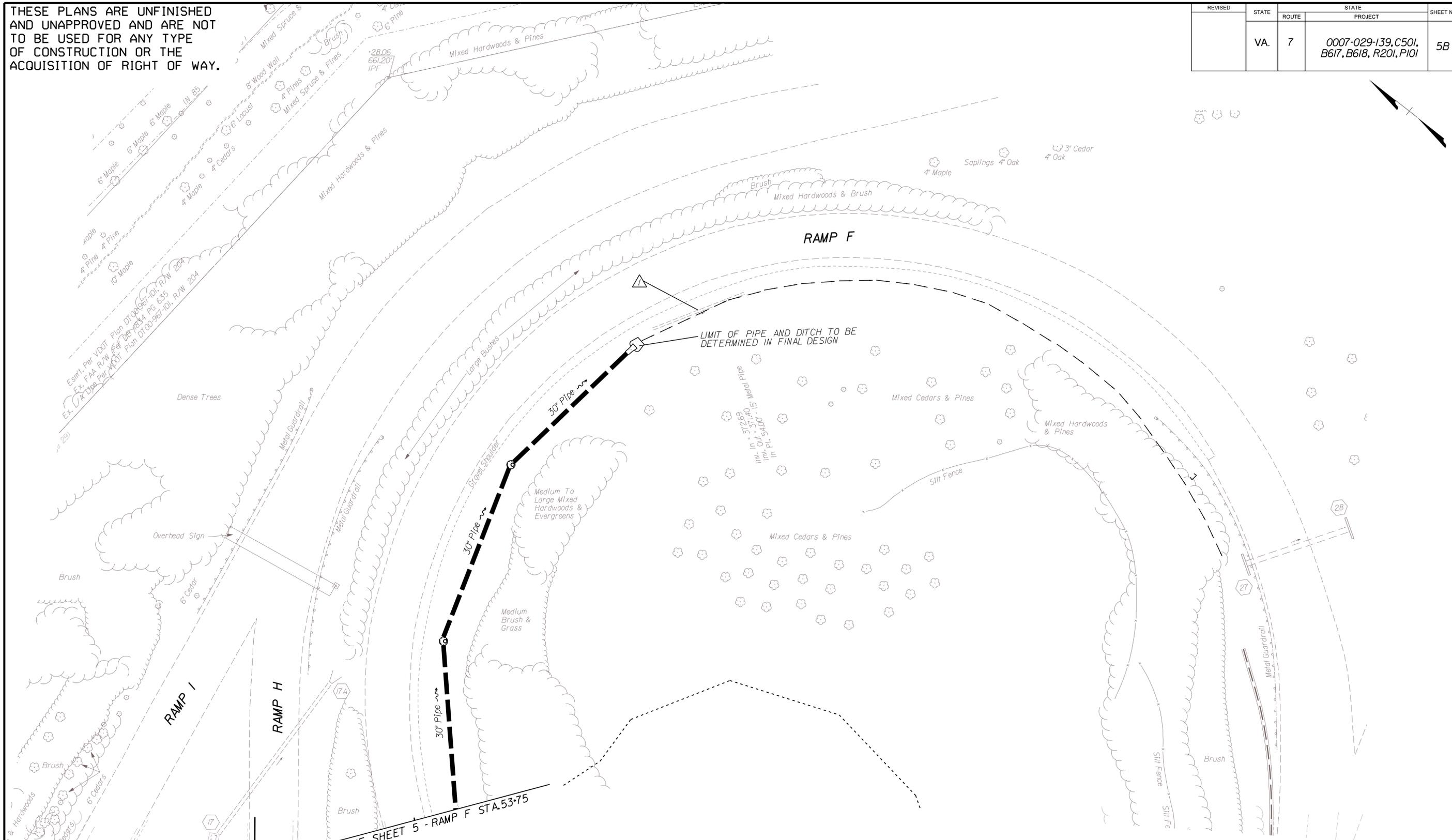


SCALE  
0 25' 50'

PROJECT	SHEET NO.
0007-029-139	5

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

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	7	0007-029-139, C501, B617, B618, R201, P101	5B



MATCH LINE SHEET 4 -  
RAMP H STA. 69+00

MATCH LINE SHEET 5 - RAMP F STA. 53+75

CONCEPTUAL ROADWAY PLANS  
MARCH 9, 2015

- LEGEND**
- Proposed Pavement Milling and Overlay
  - Proposed Full Depth Pavement
  - Demolition of Pavement
  - Proposed Permanent Easement
  - Proposed Right of Way
  - Denotes Construction Limits In Cuts
  - Denotes Construction Limits In Fills
  - Abandon Existing Pipe
  - Remove Existing Pipe Required



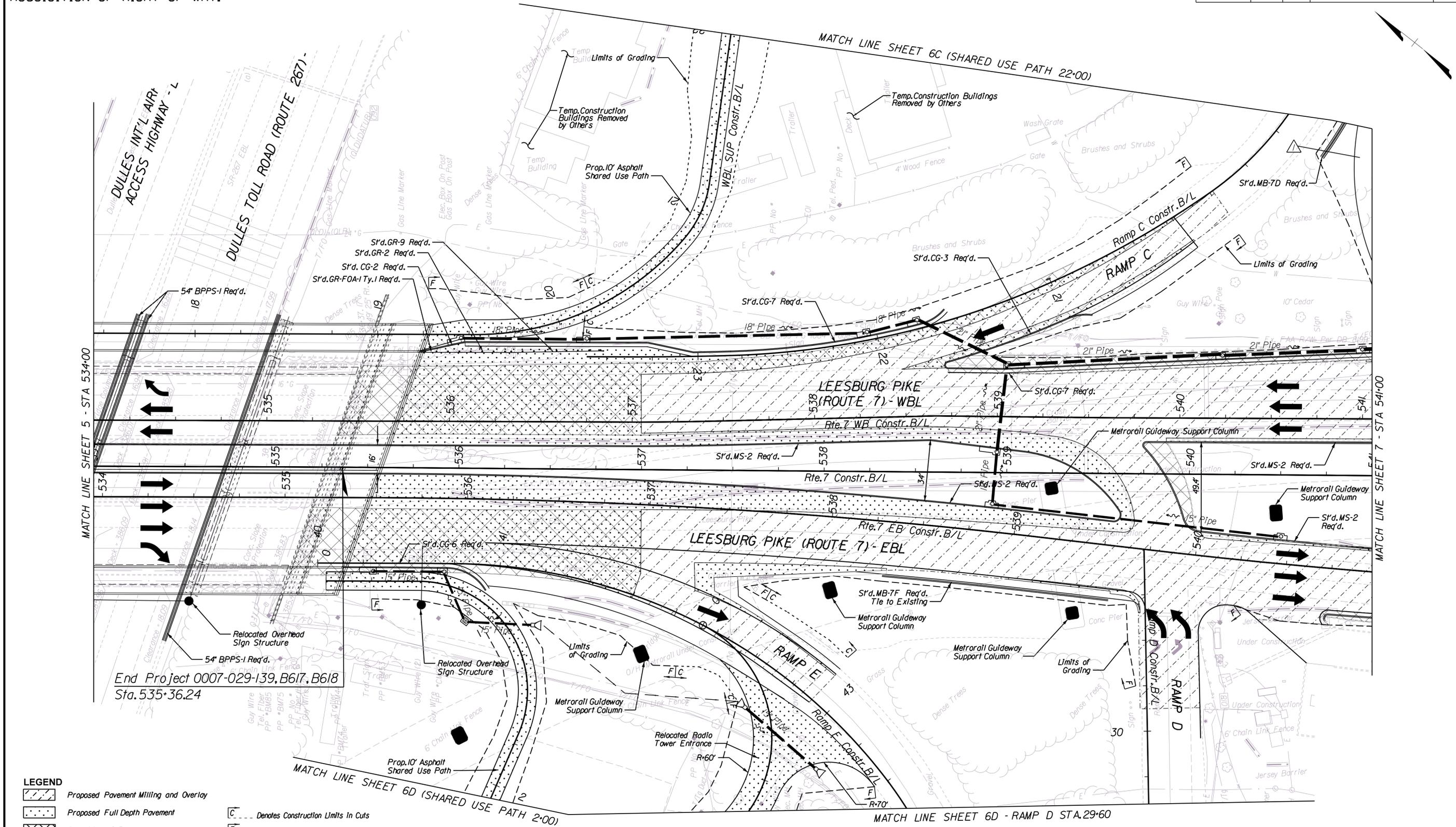
ADDITIONAL EASEMENTS FOR UTILITY  
RELOCATIONS MAY BE REQUIRED  
BEYOND THE PROPOSED RIGHT- OF-  
WAY SHOWN ON THESE PLANS.

PROJECT	SHEET NO.
0007-029-139	5B

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

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	7	0007-029-139, C501, B617, B618, R201, P101	6



End Project 0007-029-139, B617, B618  
Sta. 535+36.24

**LEGEND**

	Proposed Pavement Milling and Overlay		Denotes Construction Limits in Cuts
	Proposed Full Depth Pavement		Denotes Construction Limits in Fills
	Demolition of Pavement		Abandon Existing Pipe
	Proposed Permanent Easement		Remove Existing Pipe Required
	Proposed Right of Way		

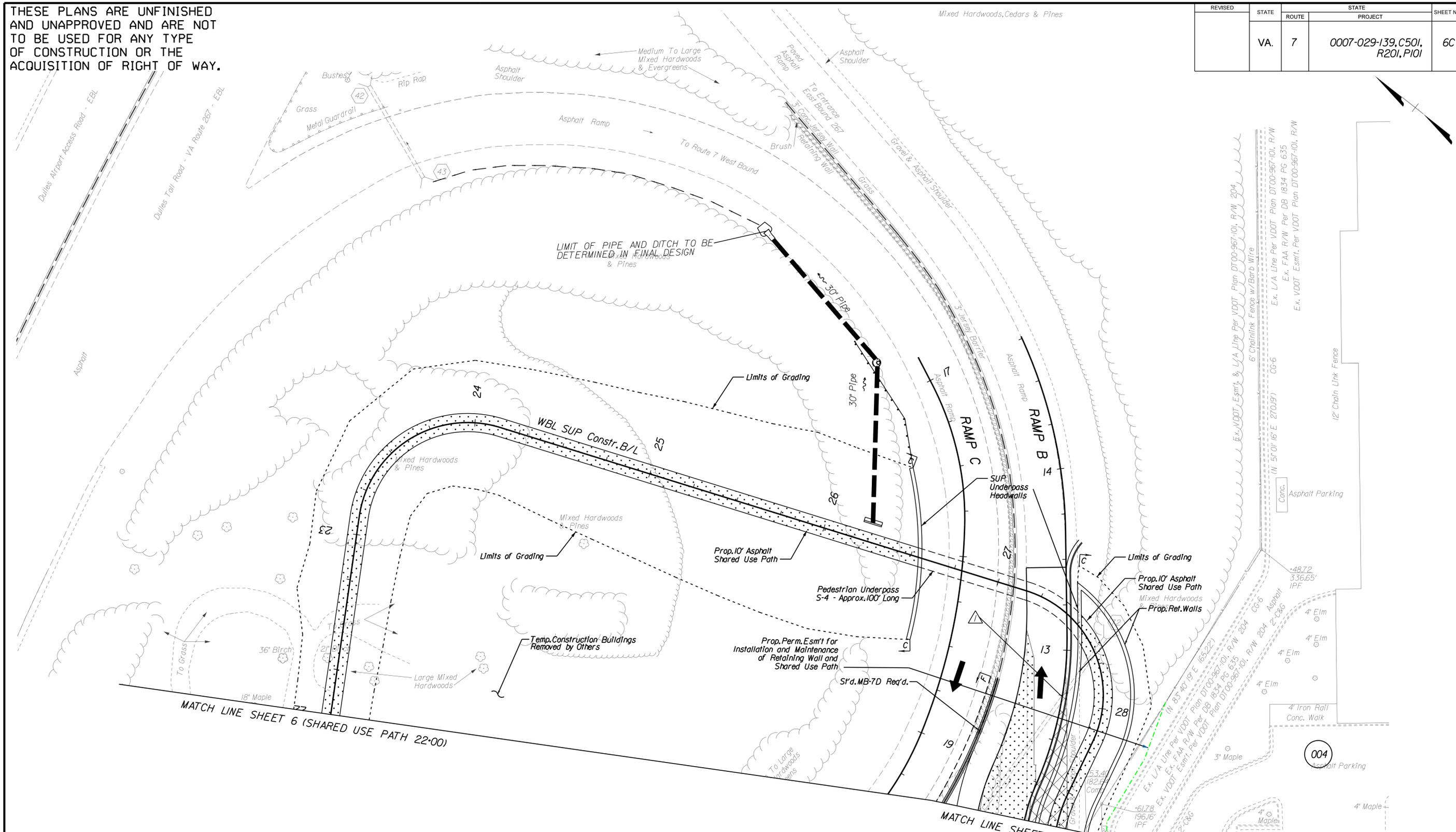
CONCEPTUAL ROADWAY PLANS  
MARCH 9, 2015



PROJECT	SHEET NO.
0007-029-139	6

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.	7	0007-029-139, C501, R201, P101	6C

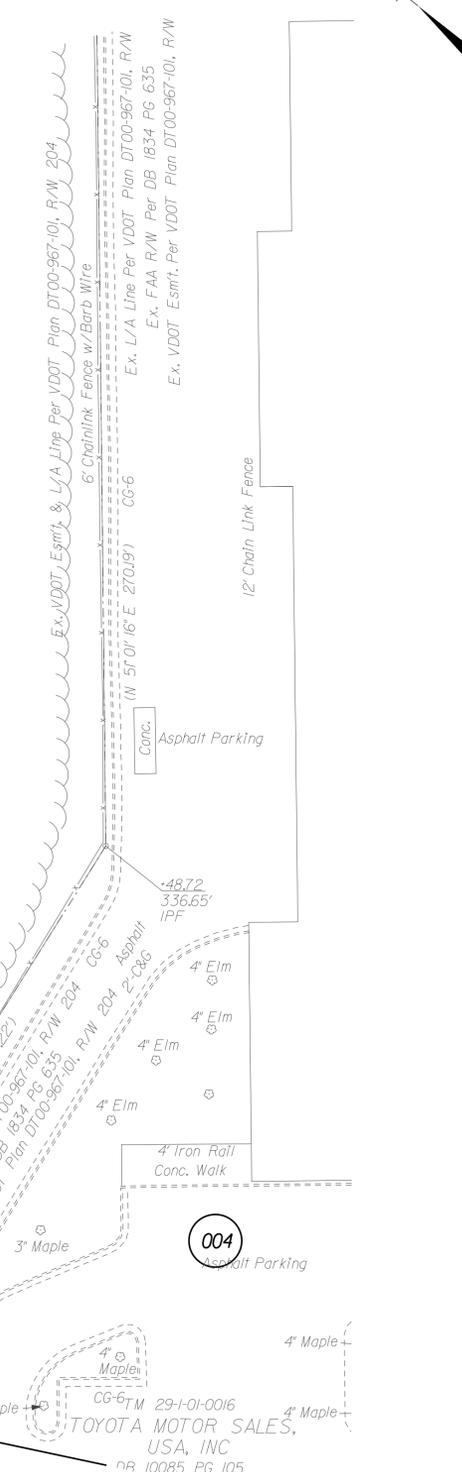


**LEGEND**

	Proposed Pavement Milling and Overlay		Denotes Construction Limits In Cuts
	Proposed Full Depth Pavement		Denotes Construction Limits In Fills
	Demolition of Pavement		Abandon Existing Pipe
	Proposed Permanent Easement		Remove Existing Pipe Required
	Proposed Right of Way		

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

CONCEPTUAL ROADWAY PLANS  
MARCH 9, 2015

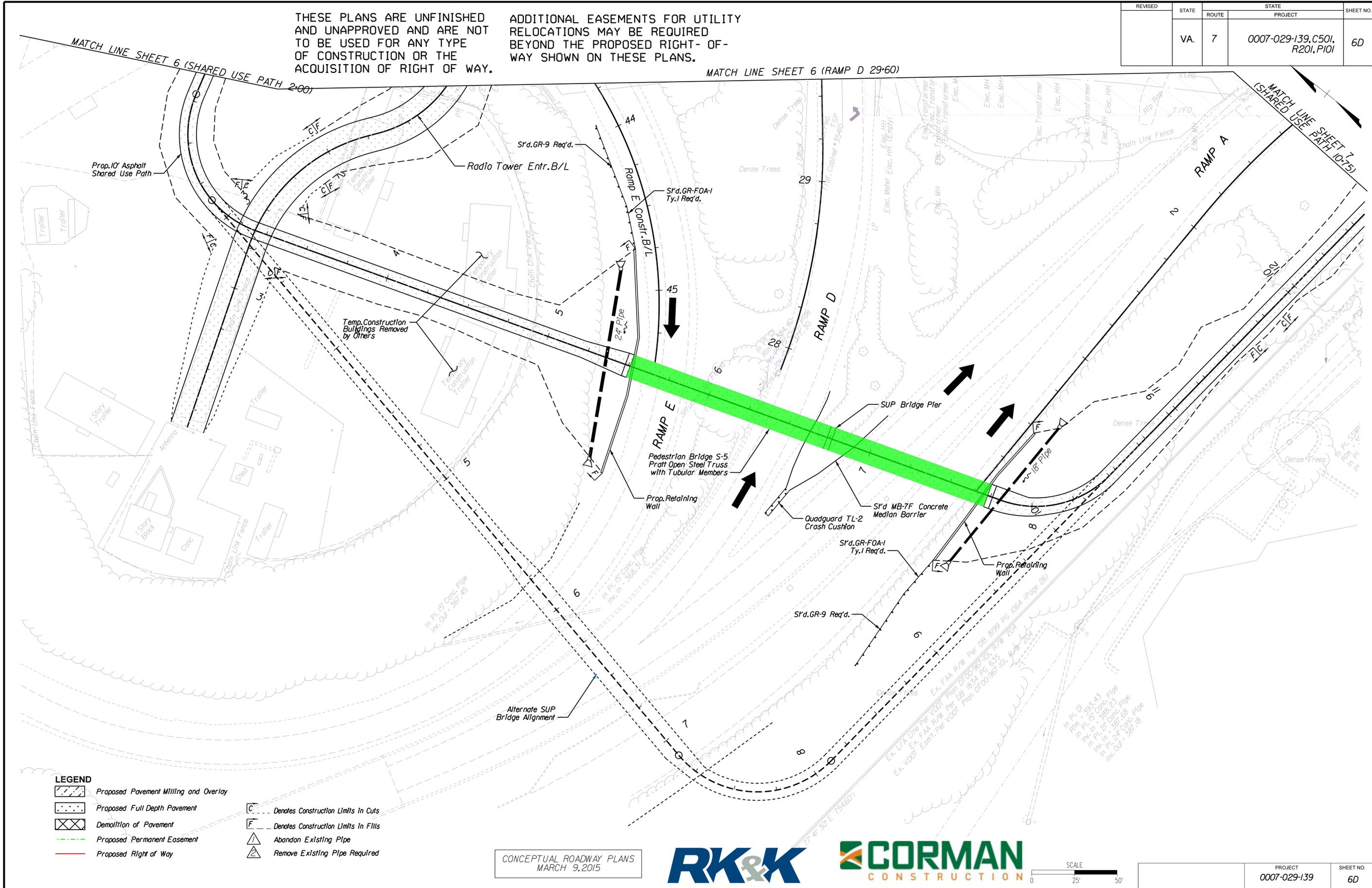


REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	7	0007-029-139, C501, R201, P101	6C

PROJECT	SHEET NO.
0007-029-139	6C

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

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	7	0007-029-139, C501, R201, P101	6D



**LEGEND**

	Proposed Pavement Milling and Overlay		Denotes Construction Limits in Cuts
	Proposed Full Depth Pavement		Denotes Construction Limits in Fills
	Demolition of Pavement		Abandon Existing Pipe
	Proposed Permanent Easement		Remove Existing Pipe Required
	Proposed Right of Way		

CONCEPTUAL ROADWAY PLANS  
MARCH 9, 2015

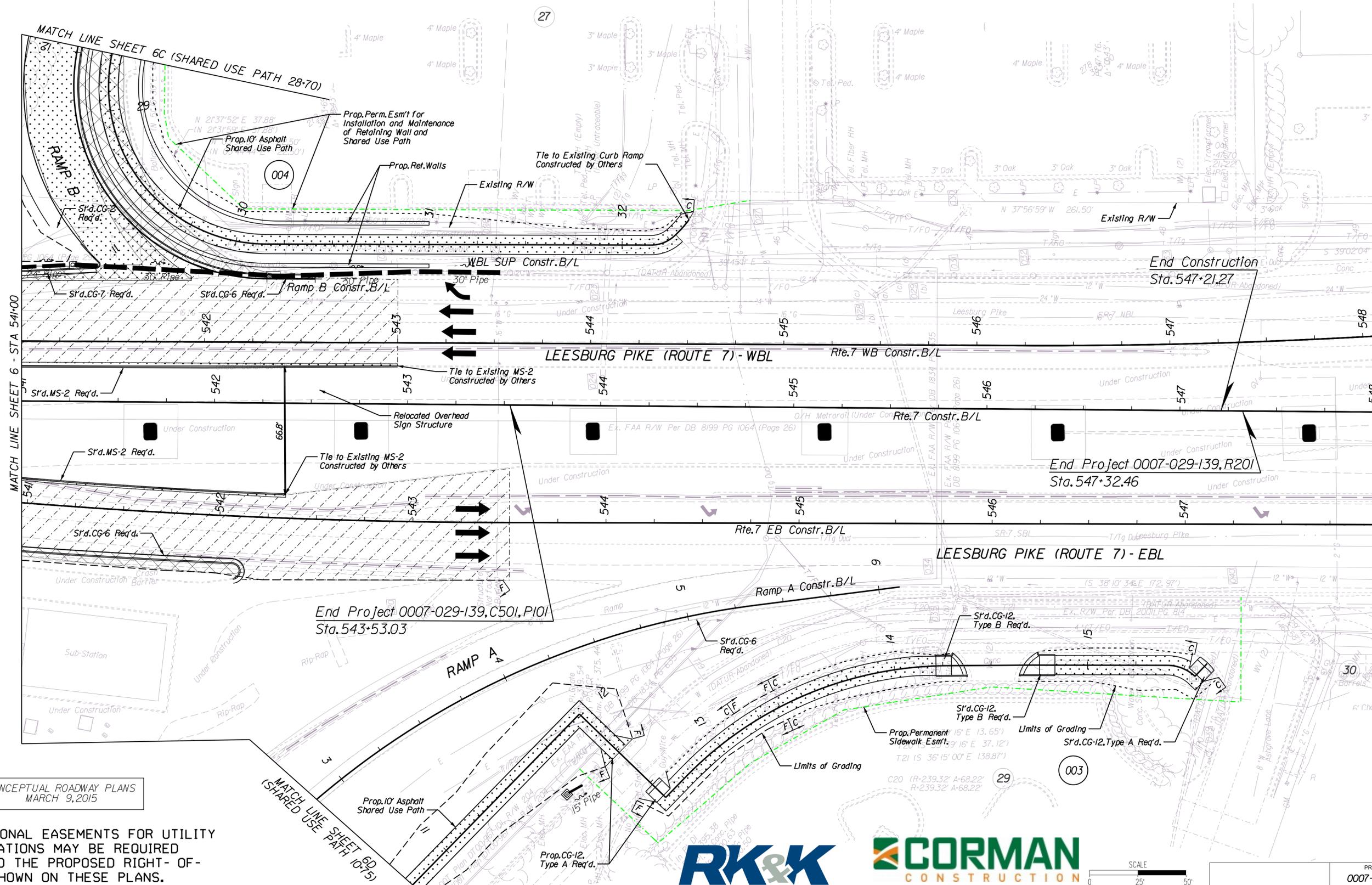


PROJECT	SHEET NO.
0007-029-139	6D

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

- LEGEND**
- Proposed Pavement Milling and Overlay
  - Proposed Full Depth Pavement
  - Demolition of Pavement
  - Proposed Permanent Easement
  - Proposed Right of Way
  - Denotes Construction Limits in Cuts
  - Denotes Construction Limits in Fills
  - Abandon Existing Pipe
  - Remove Existing Pipe Required

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	7	0007-029-139,C50I, R20I,PI0I	7



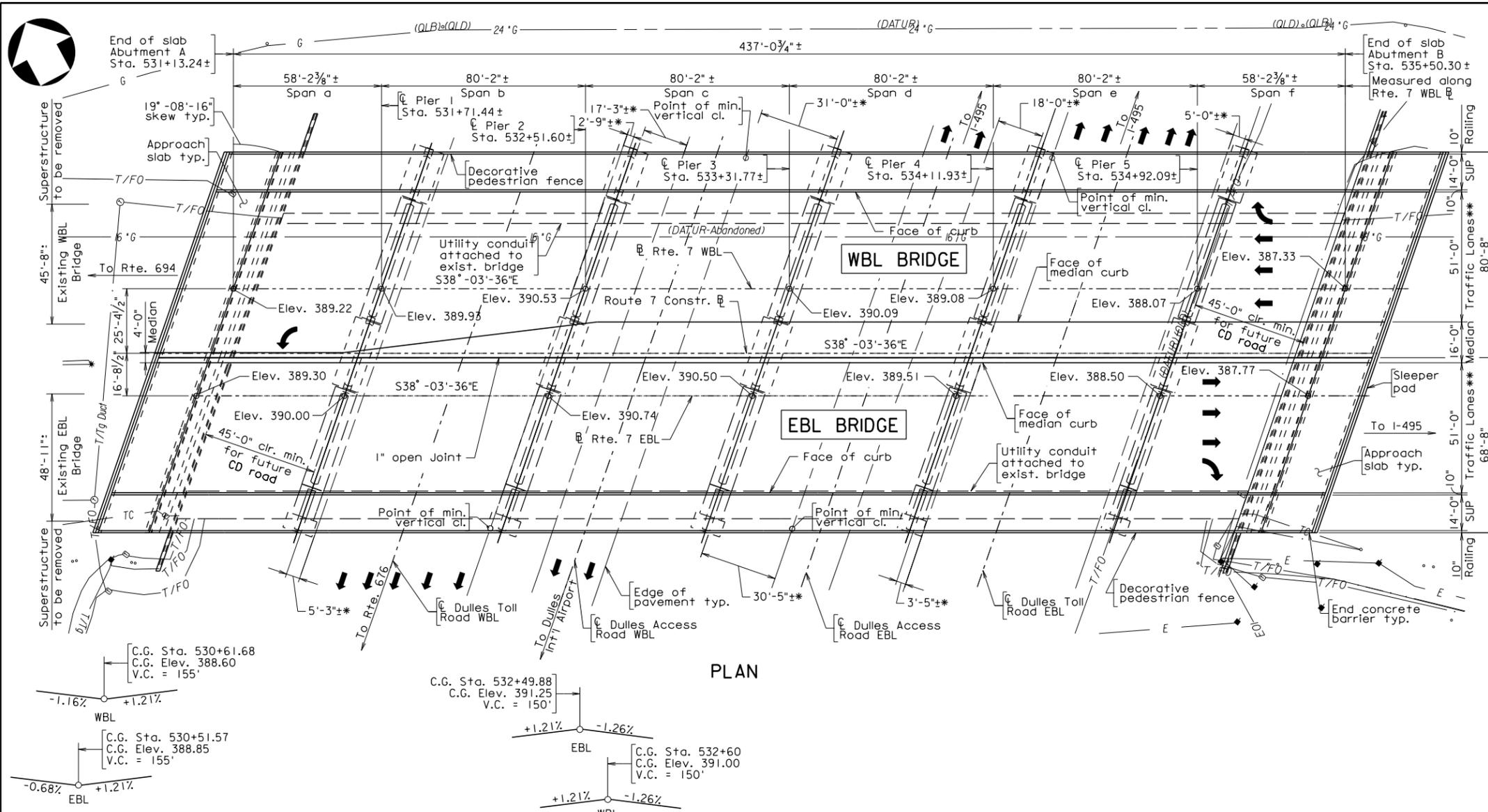
CONCEPTUAL ROADWAY PLANS MARCH 9, 2015

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

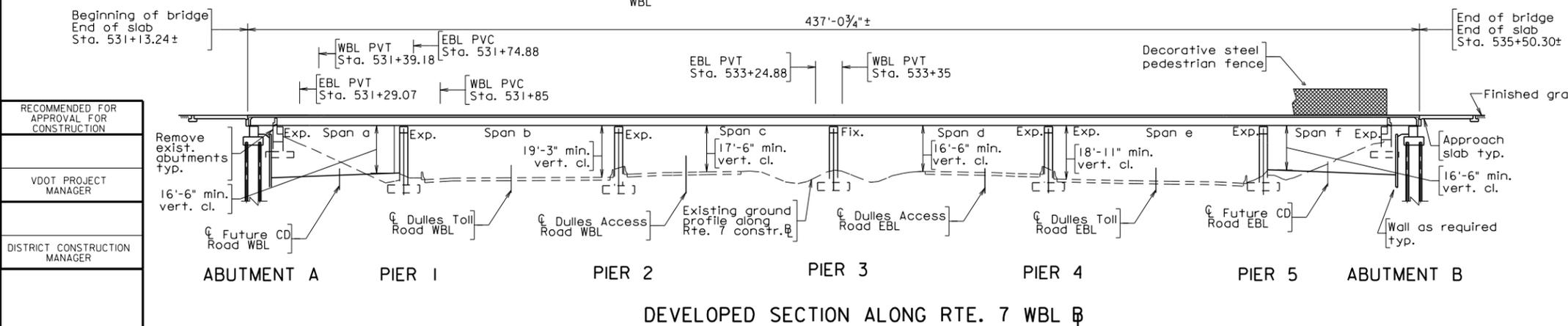


PROJECT	SHEET NO.
0007-029-139	7





PLAN



DEVELOPED SECTION ALONG RTE. 7 WBL

STATE	FEDERAL AID	STATE	SHEET NO.
VA.	PROJECT	7 0007-029-139, B617, B618	S-1
NBIS Number: 000000000006246 000000000006248		UPC No. 82135	
Federal Oversight Code:		FHWA Construction and Scour Code: X231-SN	

DESIGN EXCEPTION(S):  
None

GENERAL NOTES:  
 Width: 14'-0" SUP, 51'-0" roadway, 16'-0" median, 51'-0" roadway, 14'-0" SUP. Overall width 147'-8" face-to-face of rails.  
 Span layout: 58' - 80' - 80' - 80' - 80' - 58'.  
 Capacity: HS20-44 loading and alternate military loading for existing substructure.  
 HL-93 loading for new superstructure and substructure.  
 Specifications:  
 Construction: Virginia Department of Transportation Road and Bridge Specifications, 2007.  
 Design: AASHTO LRFD Bridge Design Specifications, 6th Edition, 2012; and VDOT Modifications.  
 Standards: Virginia Department of Transportation Road and Bridge Standards, 2008.

These plans are incomplete unless accompanied by the Supplemental Specifications and Special Provisions included in the contract documents.  
 This project shall be constructed in accordance with the Virginia Department of Transportation Work Area Protection Manual, June 2011 and latest revisions.  
 Concrete in superstructure including parapets and terminal walls shall be Class A4. Concrete in substructure shall be Class A3.  
 Low permeability concrete shall be used in this project.  
 Bridge No. of existing bridges are 1132 and 1133 and Plan No. is 189-08 and 189-08A.  
 These plans are prepared based on survey and the information shown on the As-Built bridge plans No. 189-08 and 189-08A. A copy of the As-Built Plans can be obtained from VDOT - Northern VA District Structure and Bridge Section.  
 Elevations shown are based on Vertical Datum NAVD 88.  
 The Contractor shall be responsible for field verification of all dimensions and existing bridge conditions and shall notify VDOT of any discrepancies and interferences, before commencing work.  
 The existing structure is designated a Type B structure in accordance with Sec. 411.

Note:  
 The bridge plan has been oriented to match the roadway stationing. The substructure designation in this plan has been reversed in relation to the As-built bridge plans.

**VDOT**  
 COMMONWEALTH OF VIRGINIA  
 DEPARTMENT OF TRANSPORTATION  
 PROPOSED BRIDGE WIDENING ON  
 RTE. 7 OVER DULLES TOLL ROAD  
 AND AIRPORT ACCESS HIGHWAY  
 FAIRFAX COUNTY - 1.9 MI. W. INT. RTE. 495  
 PROJ. 0007-029-139, B617, B618

RECOMMENDED FOR APPROVAL FOR CONSTRUCTION
VDOT PROJECT MANAGER
DISTRICT CONSTRUCTION MANAGER
RK&K RICHMOND, VA STRUCTURAL ENGINEER
PLANS BY: RK&K
COORDINATED:
SUPERVISED: Gary Johnson
DESIGNED: Ashley Johnson
DRAWN: Jill Boxley
CHECKED: Gary Johnson

Legend:  
 SUP - Shared Use Path  
 \* - Minimum horizontal clearance  
 \*\* - Width including shoulders



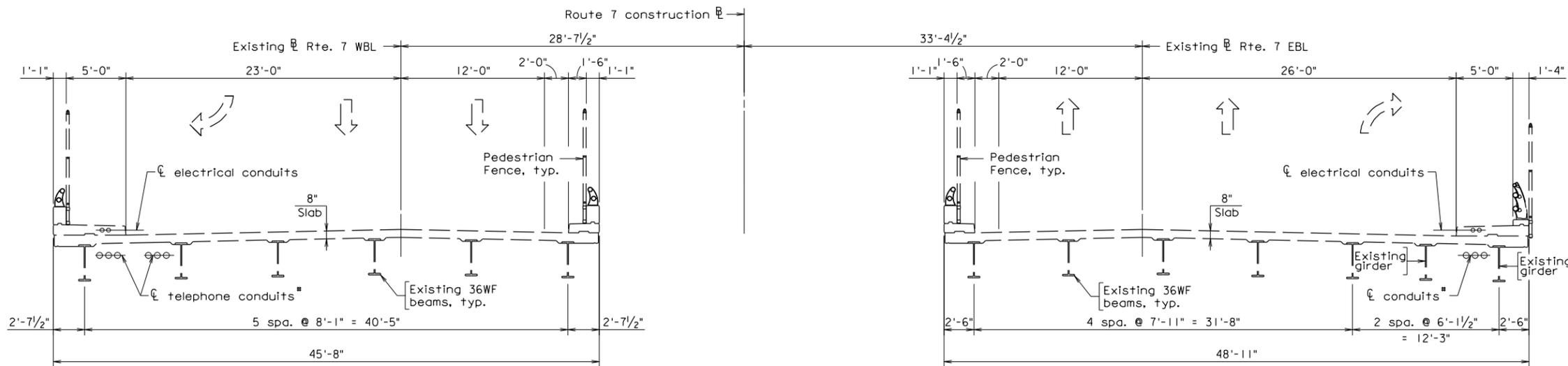
No.	Description	Date
REVISIONS		
For Table of Revisions, see Sheet 2.		

Recommended for Approval: \_\_\_\_\_  
 State Structure and Bridge Engineer Date \_\_\_\_\_  
 Approved: \_\_\_\_\_  
 Chief Engineer Date \_\_\_\_\_  
 Date: \_\_\_\_\_ © 2014, Commonwealth of Virginia Sheet 1 of 9

189-08B

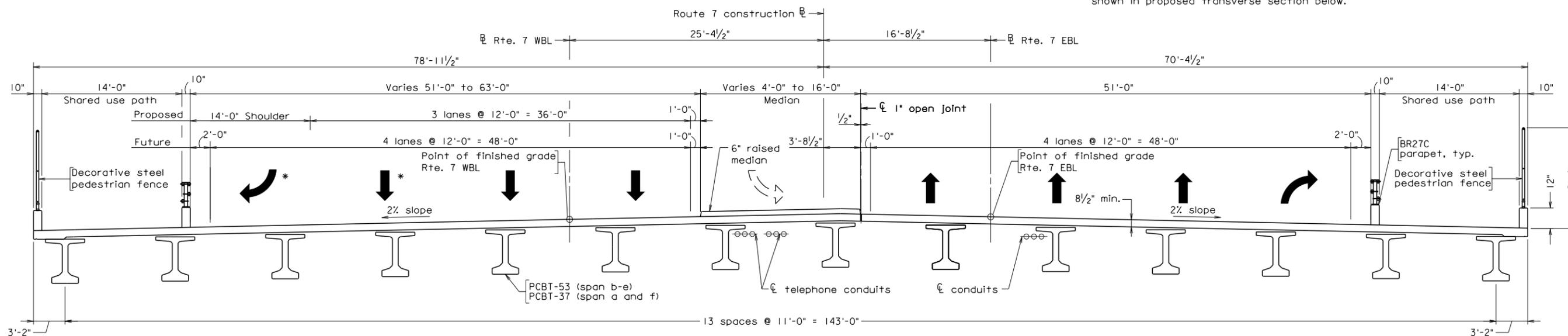
STATE	ROUTE	FEDERAL AID PROJECT	STATE	ROUTE	PROJECT	SHEET NO.
VA.	7		7	0007-029-139, B617, B618		S-2

Legend:  
 --- Existing structure  
 ——— New structure



EXISTING TRANSVERSE SECTION

Note:  
 Dimensions shown are from as-built plans.  
 \*Conduits in sidewalk to be relocated and installed as shown in proposed transverse section below.



PROPOSED TRANSVERSE SECTION

\* WB lane arrows shown for future lane configuration.

Rte 7.002.dgn

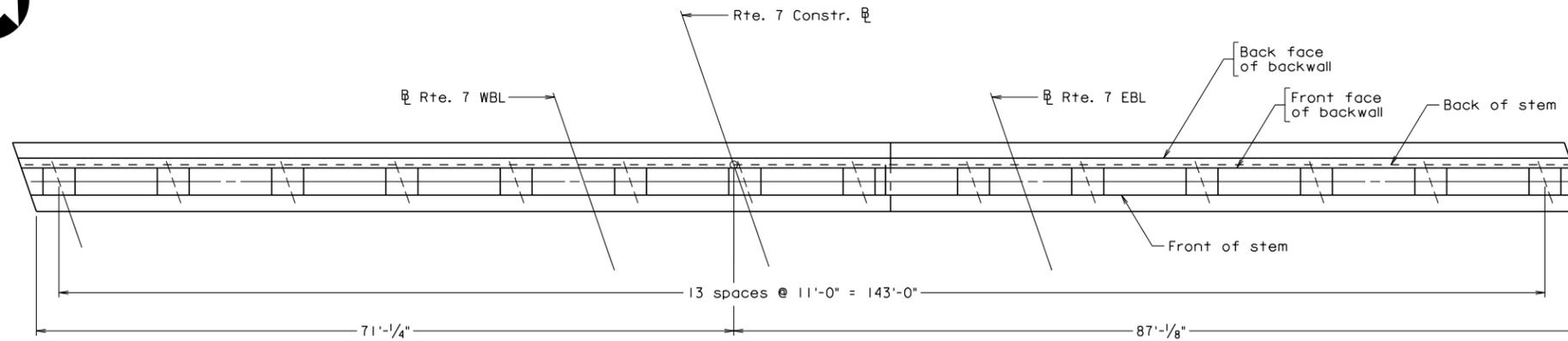


COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION			
STRUCTURE AND BRIDGE DIVISION			
TRANSVERSE SECTION			
No.	Description	Date	
	Designed: JAJ	Date	Plan No.
	Drawn: JAJ	Feb. 2015	189-08B
	Checked: CSJ		S-2
Revisions			

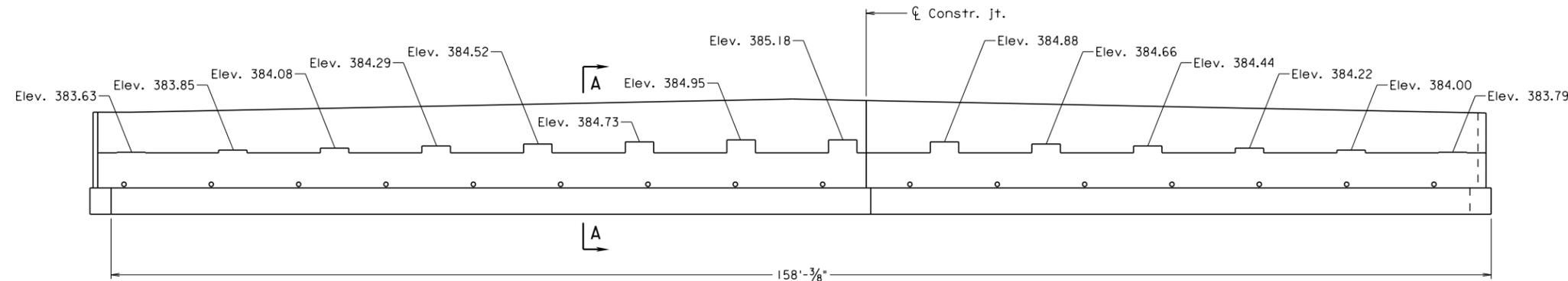
Scale: 3/16" = 1'-0"

© 2014, Commonwealth of Virginia

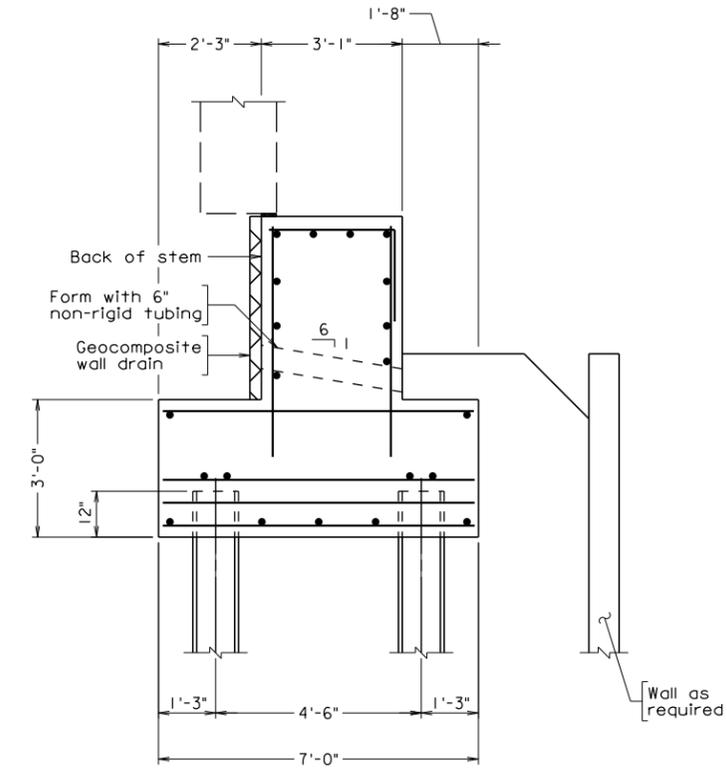
STATE	FEDERAL AID		STATE		SHEET
ROUTE	PROJECT		ROUTE	PROJECT	NO.
VA.			7	0007-029-139, B617, B618	S-3



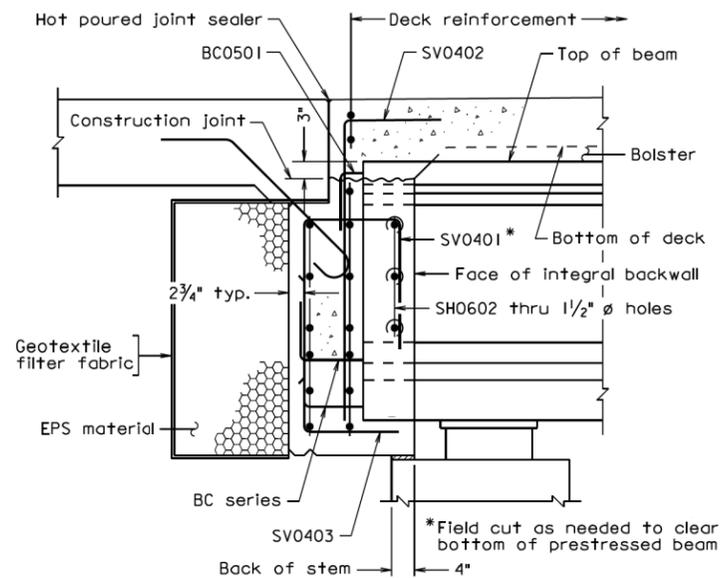
**PLAN**  
(Abutment A shown, Abutment B similar)



**ELEVATION**  
(Piles not shown)



**SECTION A-A**  
Scale: 1/2" = 1'-0"



**BACKWALL DETAIL**



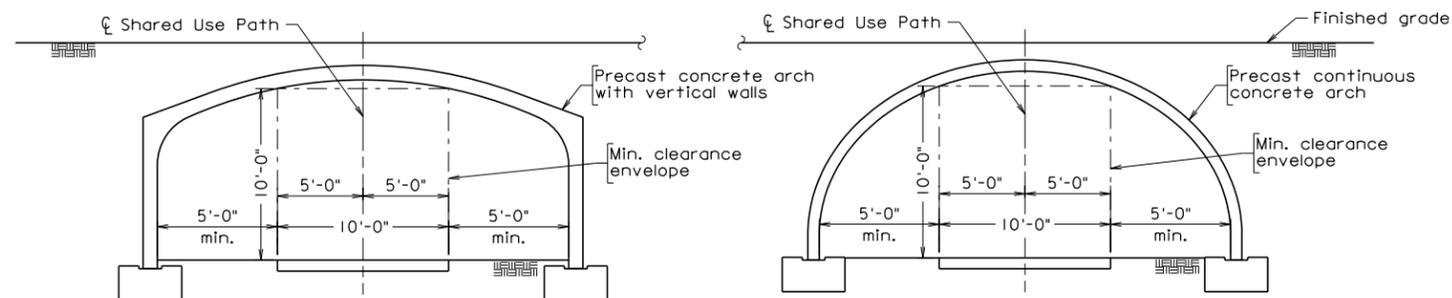
COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION	
STRUCTURE AND BRIDGE DIVISION	
<b>ABUTMENT A PLAN AND ELEVATION</b>	
No.	Description
1	Revisions
Designed: JAJ	Date
Drawn: JAJ	Feb. 2015
Checked: JAJ	
Plan No.	189-08B
Sheet No.	S-3

Rte 7.003.dgn

Scale: 1/8" = 1'-0" unless otherwise noted

© 2014, Commonwealth of Virginia

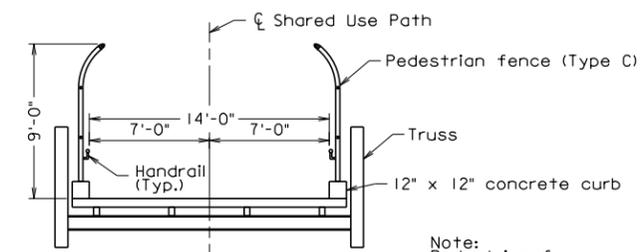




TYPICAL PEDESTRIAN UNDERPASS  
(ACCEPTABLE ALTERNATIVES)

PEDESTRIAN UNDERPASSES

DESCRIPTION	VA STRUCTURE NO.	FEDERAL I.D.
Ramp from WB 267 to WB 7	1932	30426
Ramp from WB 267 to Rte. 7 top of Ramp	1933	30427
Ramp from WB 7 to WB 267	1934	30428
Ramp from EB 267 to WB 7, and Ramp from WB 7 to EB 267	1935	30429



TYPICAL SECTION  
PEDESTRIAN OVERPASS

PEDESTRIAN OVERPASSES

DESCRIPTION	VA STRUCTURE NO.	FEDERAL I.D.
Ramp from EB 267 to EB 7, Ramp from EB 267 to Rte. 7 top of Ramp, and Ramp from EB 7 to EB 267	1936	30430

Note:  
Pedestrian fence post locations shall line-up with the truss vertical members

Rte 7.005.dgn



		COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION	
		STRUCTURE AND BRIDGE DIVISION	
		PEDESTRIAN OVERPASS/UNDERPASS TYPICAL SECTION	
No.	Description	Date	Designed: JAJ..... Date: 1/16/15 Plan No.: Drawn: JAJ..... Checked: JAJ.....
Revisions		Date: Feb. 2015	Sheet No.: S-5

Scale: 3/16" = 1'-0"

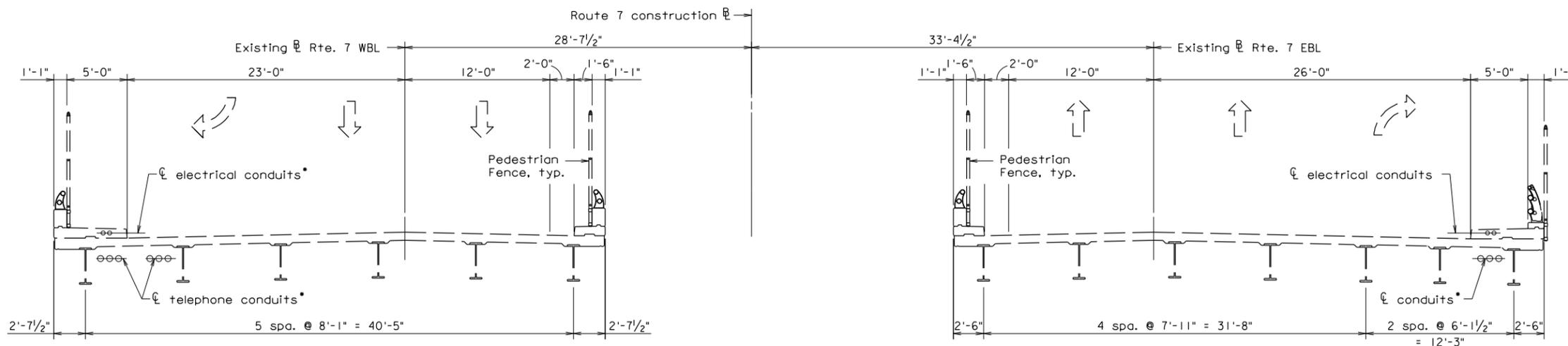
© 2014, Commonwealth of Virginia

RK&K  
RICHMOND, VA  
STRUCTURAL ENGINEER

STATE	ROUTE	FEDERAL AID PROJECT	STATE ROUTE	PROJECT	SHEET NO.
VA.	—		7	0007-029-139, B617, B618	S-6

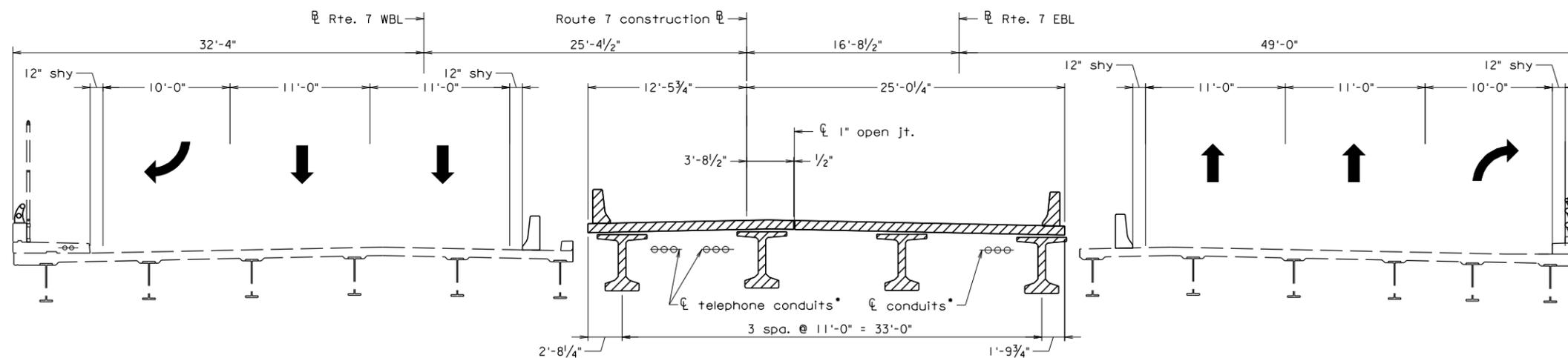
LEGEND

— —	Existing
	Demolition
	Construction
	Completed



TYPICAL SECTION - EXISTING

Note:  
Dimensions shown are from as-built plans.  
•Conduits in sidewalks to be relocated and installed.



PHASE I CONSTRUCTION

Rte 7.staging.001.dgn



COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION						
STRUCTURE AND BRIDGE DIVISION						
<b>REPAIR OPTION SEQUENCE OF CONSTRUCTION I</b>						
No.	Description	Date	Designed: JAJ Drawn: JAJ Checked: CSJ	Date Feb. 2015	Plan No. 189-08B	Sheet No. S-6
Revisions						

Scale: 3/16" = 1'-0"

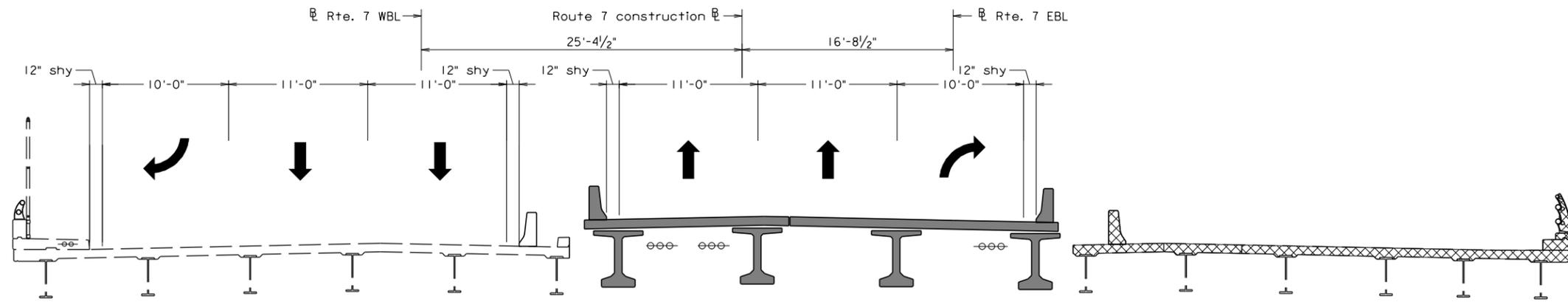
© 2014, Commonwealth of Virginia

RK&K  
RICHMOND, VA  
STRUCTURAL ENGINEER

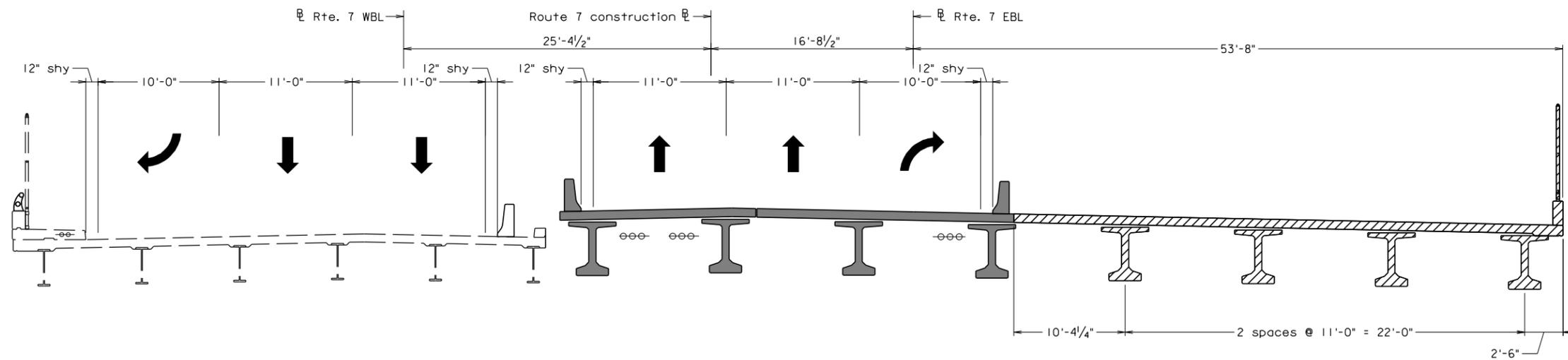
STATE	FEDERAL AID		STATE		SHEET
ROUTE	PROJECT		ROUTE	PROJECT	NO.
VA.			7	0007-029-139, B617, B618	S-7

LEGEND

	Existing
	Demolition
	Construction
	Completed



PHASE 2 DEMOLITION



PHASE 2 CONSTRUCTION

Rte 7.staging\_002.dgn



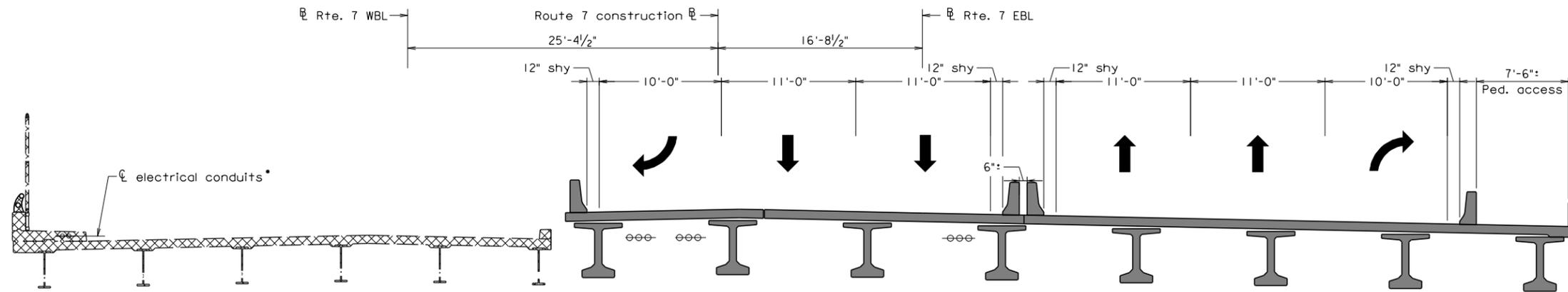
COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION			
STRUCTURE AND BRIDGE DIVISION			
REPAIR OPTION SEQUENCE OF CONSTRUCTION 2			
No.	Description	Date	Revisions
Designed: JAJ	Date	Plan No.	Sheet No.
Drawn: JAJ	Feb. 2015	189-08B	S-7
Checked: JAJ			

Scale: 3/16" = 1'-0" © 2014, Commonwealth of Virginia

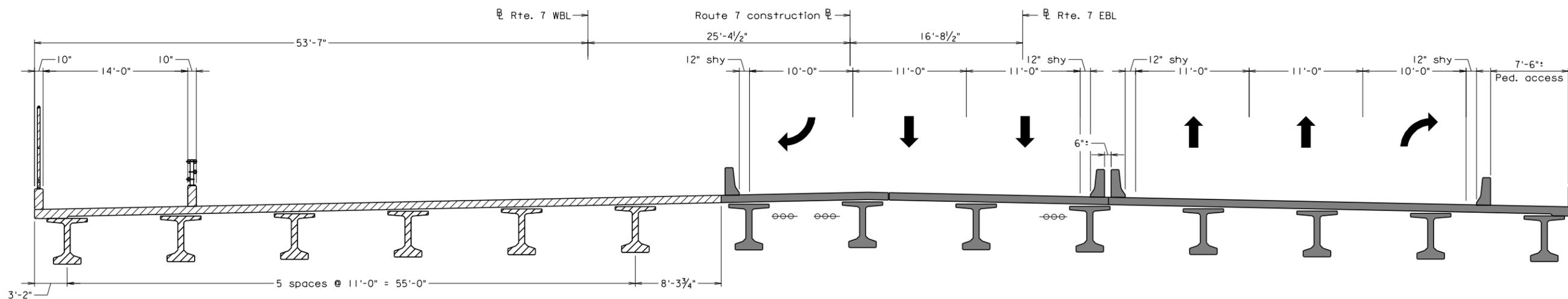
RK&K  
RICHMOND, VA  
STRUCTURAL ENGINEER

STATE	FEDERAL AID		STATE		SHEET
ROUTE	PROJECT		ROUTE	PROJECT	NO.
VA.			7	0007-029-139, B617, B618	S-8

- LEGEND
- Existing
  -  Demolition
  -  Construction
  -  Completed



PHASE 3 DEMOLITION



PHASE 3 CONSTRUCTION

Rte 7 staging\_003.dgn



COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION			
STRUCTURE AND BRIDGE DIVISION			
REPAIR OPTION SEQUENCE OF CONSTRUCTION 3			
No.	Description	Date	Revisions
Designed: JAJ	Date	Plan No.	Sheet No.
Drawn: JAJ	Feb. 2015	189-08B	S-8
Checked: OSJ			

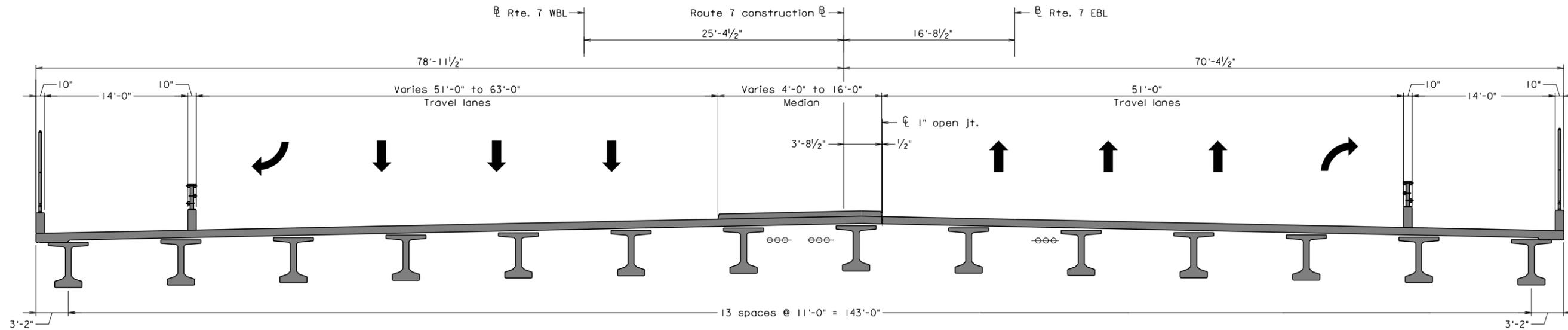
RK&K  
RICHMOND, VA  
STRUCTURAL ENGINEER

Scale: 3/16" = 1'-0"

© 2014, Commonwealth of Virginia

STATE	FEDERAL AID		STATE		SHEET
ROUTE	PROJECT		ROUTE	PROJECT	NO.
VA.	—		7	0007-029-139, B617, B618	S-9

- LEGEND
- Existing
  -  Demolition
  -  Construction
  -  Completed



FINAL

Rte 7.staging\_004.dgn



COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION						
STRUCTURE AND BRIDGE DIVISION						
<b>REPAIR OPTION SEQUENCE OF CONSTRUCTION 4</b>						
No.	Description	Date	Designed: JAJ Drawn: JAJ Checked: CSJ	Date Feb. 2015	Plan No. 189-08B	Sheet No. S-9
Revisions						

Scale: 3/16" = 1'-0"

© 2014, Commonwealth of Virginia

RK&K  
RICHMOND, VA  
STRUCTURAL ENGINEER





Activity ID	Activity Name	Rem	Start	Finish	Total Float	2015			2016				2017				
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		
<b>Rte. 7 Widening &amp; Bridge Rehab V5.0</b>						633	03-09-15	09-01-17									0
<b>Schedule Milestones</b>						633	03-09-15	09-01-17									0
M100	Letter of Submittal & Attachments	0	03-09-15		0	Letter of Submittal & Attachments											
M110	Price Proposal Due	0	04-09-15		0	Price Proposal Due											
M120	Notice of Intent to Award - 04/20/2015	0	04-20-15		0	Notice of Intent to Award - 04/20/2015											
M130	CTB Approval/Notice to Award	0	05-20-15		3	CTB Approval/Notice to Award											
M140	Notice to Proceed - 6/25/15	0	06-25-15		6	Notice to Proceed - 6/25/15											
M150	Advance Pkg. Design RFC	0		10-06-15	0	Advance Pkg. Design RFC											
M160	Full Released for Construction RFC	0		03-01-16	50	Full Released for Construction RFC											
M180	Final Project Completion 9/01/17	0		09-01-17	0	Final Project Completion 9/01/17											
<b>Scope Validation Period</b>						93	05-20-15	09-30-15									33
SV100	Scope Validation Investigations	120	05-20-15	09-16-15	47	Scope Validation Investigations											
SV110	Scope Validation Submission	0	09-17-15	09-17-15	33	Scope Validation Submission											
SV120	Scope Validation Discussions	10	09-17-15	09-30-15	33	Scope Validation Discussions											
<b>Permitting</b>						171	04-20-15	12-21-15									266
EP100	SWM Concept Plan	45	04-20-15	06-22-15	4	SWM Concept Plan											
EP160	VSMP/SWPPP Permit	70	06-23-15	09-30-15	4	VSMP/SWPPP Permit											
EP140	Confirmed Jurisdictional Determination	20	06-25-15	07-23-15	52	Confirmed Jurisdictional Determination											
EP150	Confirm Threatened/Endangered Spec	30	06-25-15	08-06-15	42	Confirm Threatened/Endangered Species											
EP130	MWAA Encroachment Permit	90	06-25-15	09-22-15	14	MWAA Encroachment Permit											
EP170	WMATA Access Approval Permit	180	06-25-15	12-21-15	385	WMATA Access Approval Permit											
<b>Design</b>						599	04-20-15	08-28-17									4
<b>Roadway/Bridge Plan 30% Design</b>						63	04-20-15	07-17-15									35
D291	Obtain MOT/Boring Permits from MWAA	20	04-20-15	05-15-15	1	Obtain MOT/Boring Permits from MWAA											
D105	Preliminary Geo-technical Recommendation Report	45	04-20-15	06-22-15	1	Preliminary Geo-technical Recommendation Report											
D100	Bridge Design	45	04-21-15	06-23-15	0	Bridge Design											
D110	Roadway Design	45	04-21-15	06-23-15	7	Roadway Design											
D290	Develop/Submit/Review Boring Plan	20	04-21-15	05-18-15	0	Develop/Submit/Review Boring Plan											
D120	Retaining Walls & Underpass	35	04-23-15	06-11-15	16	Retaining Walls & Underpass											
D130	Maint. of Traffic/TMP (30%)	35	04-27-15	06-15-15	14	Maint. of Traffic/TMP (30%)											
D250	Geo-tech Investigation	25	05-19-15	06-23-15	0	Geo-tech Investigation											
D140	Survey Mapping	20	05-20-15	06-17-15	3	Survey Mapping											
D150	Submit Bridge 30% / Prelim Geotech R	1	06-24-15	06-24-15	0	Submit Bridge 30% / Prelim Geotech Recommendation Plan											
D160	Submit Roadway Plan 30%	1	06-25-15	06-25-15	7	Submit Roadway Plan 30%											
D180	VDOT Review/Comment Bridge/Prelim	21	06-25-15	07-16-15	0	VDOT Review/Comment Bridge/Prelim Geotech											
D170	VDOT Review/Comment Roadway	21	06-26-15	07-17-15	49	VDOT Review/Comment Roadway											
D230	Bridge 30% Design/ Prelim. Geotech A	0		07-16-15	0	Bridge 30% Design/ Prelim. Geotech Approval											
D220	Roadway 30% Design Approval	0		07-17-15	35	Roadway 30% Design Approval											
<b>Advance Pkg./Final Design</b>						73	06-24-15	10-06-15									0
D360	Geo-tech Analysis	24	06-24-15	07-28-15	0	Geo-tech Analysis											
D200	30% Comment 100% Adv. Pkg. Design	25	07-09-15	08-13-15	0	30% Comment 100% Adv. Pkg. Design											
D270	Maint. of Traffic/TMP (100%)	15	07-20-15	08-07-15	36	Maint. of Traffic/TMP (100%)											
D365	Review/Appr Geo-Tech Report	21	07-29-15	08-26-15	0	Review/Appr Geo-Tech Report											
D300	Submit Adv Pkg. Plan 100%	0		08-13-15	0	Submit Adv Pkg. Plan 100%											
D320	VDOT/Agency Review/Comment Adv. P	21	08-13-15	09-03-15	0	VDOT/Agency Review/Comment Adv. Pkg.											
D400	Resolve/Incorp 100% Comments	10	09-08-15	09-21-15	0	Resolve/Incorp 100% Comments											
D510	VDOT/Agency Review Resolved Comm	10	09-23-15	10-06-15	0	VDOT/Agency Review Resolved Comments											
D370	Adv. Pkg 100% RFC Approval	0		10-06-15	0	Adv. Pkg 100% RFC Approval											

█ Critical Remaining Work   
 █ Actual Work   
 ◆ Milestone   
 █ Remaining Level of Effort  
█ Near Critical   
 █ Remaining Work   
 ⇨ Summary

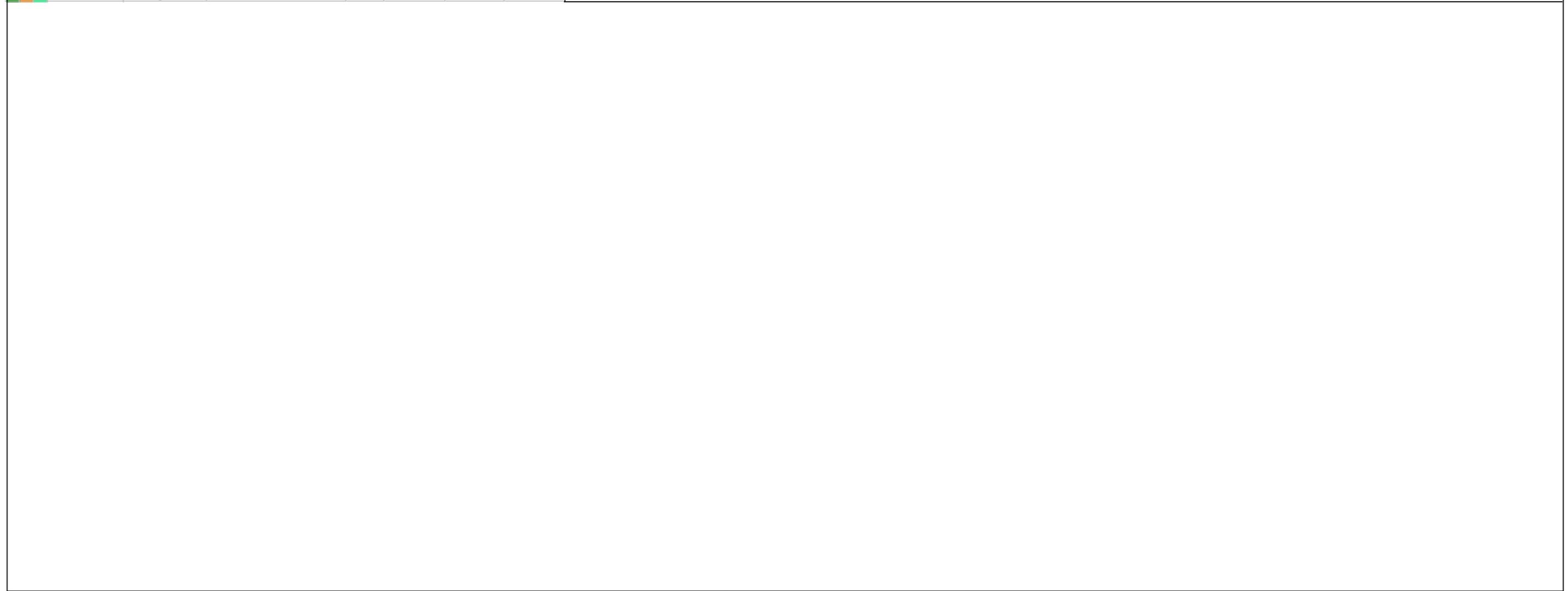
Activity ID	Activity Name	Rem	Start	Finish	Total Float	2015			2016			2017			
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
<b>Remaining Design</b>						192	06-25-15	03-29-16	35	03-29-16, Remaining Design					
<b>60% Design</b>						111	07-17-15	12-24-15	35	12-24-15, 60% Design					
D240	Noise Study	20	07-17-15	08-14-15	35	Noise Study									
D260	Retaining Walls & Underpass	15	08-14-15	09-04-15	35	Retaining Walls & Underpass									
D390	60% Remaining Design	60	09-04-15	12-02-15	35	60% Remaining Design									
D410	Submit 60% Remaining Design	1	12-02-15	12-03-15	35	Submit 60% Remaining Design									
D450	VDOT/Agency Review/Comment 60% R	21	12-03-15	12-24-15	53	VDOT/Agency Review/Comment 60% Remaining Design									
<b>Final Design</b>						66	12-24-15	03-29-16	35	03-29-16, Final Design					
D380	Final Remaining Design	30	12-24-15	02-08-16	35	Final Remaining Design									
D420	Submit Final Remaining for Approval	1	02-08-16	02-09-16	35	Submit Final Remaining for Approval									
D500	VDOT/Agency Review Final Remaining	21	02-09-16	03-01-16	49	VDOT/Agency Review Final Remaining Design									
D520	Resolve/Incorp Final Comments	10	03-01-16	03-15-16	35	Resolve/Incorp Final Comments									
D530	VDOT/Agency Review Resolved Final C	10	03-15-16	03-29-16	35	VDOT/Agency Review Resolved Final Comments									
D440	100% Design Approval RFC	0		03-29-16	35	100% Design Approval RFC									
<b>Right Of Way Plans</b>						69	06-25-15	10-02-15	28	10-02-15, Right Of Way Plans					
R100	Prep Right of Way Plans	25	06-25-15	07-31-15	29	Prep Right of Way Plans									
R110	QA/QC Right of Way Plans	5	08-04-15	08-11-15	29	QA/QC Right of Way Plans									
R120	Incorporate QA/QC Comments	5	08-13-15	08-20-15	29	Incorporate QA/QC Comments									
R130	VDOT Review/Comment R.O.W Plan	21	08-24-15	09-14-15	40	VDOT Review/Comment R.O.W Plan									
R140	Incorporate VDOT Comments	10	09-16-15	09-30-15	28	Incorporate VDOT Comments									
R150	Notice to Commence R.O.W. Acquisition	0		10-02-15	28	Notice to Commence R.O.W. Acquisition									
<b>Design Support During Construction/As Built</b>						480	10-07-15	08-28-17	4	08-28-17, Design Support During Construction/As Built					
DS100	Design Support of Construction	480	10-07-15	08-28-17	4	Design Support of Construction									
AB110	As-Built Drawings	40	04-14-17	06-09-17	58	As-Built Drawings									
<b>Right of Way Acquisition</b>						102	10-08-15	03-03-16	26	03-03-16, Right of Way Acquisition					
R160	Right of Way Acquisition Start	0	10-08-15		28	Right of Way Acquisition Start									
R170	Prepare Titles	15	10-09-15	10-29-15	30	Prepare Titles									
R180	Prepare Appraisals	10	10-09-15	10-22-15	28	Prepare Appraisals									
R190	Independent Appraisal Review	5	10-26-15	10-30-15	28	Independent Appraisal Review									
R200	VDOT Appraisal Review	21	11-02-15	11-23-15	42	VDOT Appraisal Review									
R210	VDOT Appraisal Approval	0		11-23-15	26	VDOT Appraisal Approval									
R220	Deliver offers	5	11-25-15	12-03-15	26	Deliver offers									
R230	Offer Negotiations	40	12-04-15	02-01-16	26	Offer Negotiations									
R240	Settlements	20	02-03-16	03-01-16	26	Settlements									
R250	Right of Way Acquisition Complete	0		03-02-16	26	Right of Way Acquisition Complete									
R260	Notice to Commence Construction (ROW)	0		03-03-16	26	Notice to Commence Construction (ROW)									
<b>Utility Relocations</b>						297	06-25-15	08-24-16	98	08-24-16, Utility Relocations					
U105	Meet w/VDOT Regional Utility Manager	1	06-25-15	06-25-15	50	Meet w/VDOT Regional Utility Manager									
U130	Prepare UT9 Forms for Each Utility	30	06-25-15	08-10-15	49	Prepare UT9 Forms for Each Utility									
U110	UFI Meeting - All Utilities	10	06-29-15	07-13-15	223	UFI Meeting - All Utilities									
<b>Dominion VA Power</b>						281	07-17-15	08-24-16	98	08-24-16, Dominion VA Power					
U100	Dominion VA Power submits PE Estimate	60	07-17-15	09-15-15	254	Dominion VA Power submits PE Estimate									
U135	Dominion VA Cost Approved	5	09-15-15	09-22-15	178	Dominion VA Cost Approved									
U160	Dominion VA Completes Utility Design	30	09-22-15	11-03-15	178	Dominion VA Completes Utility Design									
U230	Dominion VA Utility Design Approved	5	11-03-15	11-10-15	178	Dominion VA Utility Design Approved									
U240	Dominion VA Power E.B. Relocation	120	03-08-16	08-24-16	98	Dominion VA Power E.B. Relocation									
<b>Fairfax Water</b>						211	07-16-15	05-13-16	26	05-13-16, Fairfax Water					
U250	Fairfax Water provide Estimate for PE	60	07-16-15	09-14-15	36	Fairfax Water provide Estimate for PE									

█ Critical Remaining Work   
 █ Actual Work   
 ◆ Milestone   
 █ Remaining Level of Effort  
█ Near Critical   
 █ Remaining Work   
 ⇨ Summary

Activity ID	Activity Name	Rem	Start	Finish	Total Float	2015			2016			2017			
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
U260	Fairfax Water Cost Approved	5	09-15-15	09-21-15	26										
U270	Fairfax Water Design Complete	40	09-22-15	11-16-15	26										
U280	Fairfax Water Design Approved	5	11-17-15	11-23-15	26										
U290	Fairfax Water Line W.B. Relocation	120	11-24-15	05-13-16	26										
<b>Washington Gas</b>		<b>187</b>	<b>07-16-15</b>	<b>04-11-16</b>	<b>26</b>										
U115	Washington Gas provides Est. for PE	60	07-16-15	09-14-15	155										
U140	Washington Gas Cost Approved	5	09-15-15	09-21-15	107										
U170	Washington Gas Completes Utility Design	30	09-22-15	11-02-15	107										
U190	Washington Gas Utility Design Approved	5	11-03-15	11-09-15	107										
U210	Washington Gas Relocation	25	03-08-16	04-11-16	26										
<b>Verizon/Communications</b>		<b>217</b>	<b>07-20-15</b>	<b>05-24-16</b>	<b>163</b>										
U120	Verizon/Communications provide Estimate for PE	60	07-20-15	10-12-15	0										
U150	Verizon/Communications Cost Approved	5	10-14-15	10-20-15	0										
U180	Verizon/Communications Design Complete	30	10-22-15	12-07-15	0										
U200	Verizon/Communications Design Approved	5	12-14-15	12-21-15	0										
U220	Verizon/Communications W.B. Relocation	100	12-28-15	05-17-16	0										
U300	Verizon/Communication E.B. Relocation	5	05-17-16	05-24-16	163										
<b>Construction</b>		<b>556</b>	<b>06-25-15</b>	<b>09-01-17</b>	<b>0</b>										
C100	Mobilization	10	09-22-15	10-06-15	5										
C110	Advance Pkg. MOT	10	09-22-15	10-06-15	10										
<b>Public Involvement</b>		<b>550</b>	<b>06-25-15</b>	<b>08-24-17</b>	<b>6</b>										
C102	Public Relations	550	06-25-15	08-24-17	6										
<b>Pre-Construction Submittals</b>		<b>113</b>	<b>07-09-15</b>	<b>12-19-15</b>	<b>100</b>										
P110	QA/QC Plan Submittal	0		07-09-15	61										
P130	VDOT Review QA/QC Plan	21	07-10-15	07-30-15	61										
P100	Preliminary Schedule Submittal	0		07-16-15	249										
P120	Hazardous Waste Mgmt. Plan Submittal	1	07-17-15	07-17-15	48										
P140	Hazardous Waste Mgmt. Plan Review	21	07-18-15	08-07-15	48										
P150	QA/QC Plan Approved	0		07-30-15	61										
P160	Hazardous Waste Mgmt. Plan Approval	5	08-08-15	08-12-15	48										
P170	Baseline Schedule Submittal	0		10-30-15	143										
P180	Baseline Schedule Review/Comment	21	10-31-15	11-20-15	143										
P190	Incorporate Baseline schedule Comment	7	11-21-15	11-27-15	143										
P200	Baseline Schedule Submittal V1.0	1	11-28-15	11-28-15	143										
P210	Baseline Schedule Review/Comment V1.0	21	11-29-15	12-19-15	143										
P240	Preliminary Utility Status Report	1	12-15-15	12-16-15	146										
P250	Baseline Schedule Approved	0		12-19-15	143										
<b>Advance Pkg. Construction (Phase I)</b>		<b>151</b>	<b>10-07-15</b>	<b>05-10-16</b>	<b>0</b>										
B100	E&S Controls	10	10-07-15	10-20-15	0										
B230	Demo as needed	25	10-07-15	11-10-15	0										
B110	Build New Adv. Pkg. Bridge	150	10-08-15	05-10-16	0										
<b>West Bound Bridge Construction (Phase II)</b>		<b>220</b>	<b>05-11-16</b>	<b>03-23-17</b>	<b>58</b>										
B120	E&S/MOT - Traffic Change	5	05-11-16	05-17-16	0										
B140	Demo Exist. W.B. Bridge	21	05-17-16	06-20-16	0										
S100	S-1 Underpass/Path @ Ramp I	50	05-18-16	07-28-16	58										
B130	Build New Bridge West Bound	130	06-21-16	01-09-17	0										
B180	Roadway/Ramp I Improvements	40	06-28-16	08-23-16	4										
S110	S-2 Underpass/Path @ Ramp H	50	08-05-16	10-14-16	58										

█ Critical Remaining Work   
 █ Actual Work   
 ◆ Milestone   
 █ Remaining Level of Effort  
█ Near Critical   
█ Remaining Work   
 ◀ Summary

Activity ID	Activity Name	Rem	Start	Finish	Total Float	2015			2016				2017				
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		
B190	Roadway/Ramp F Improvements	40	08-31-16	10-26-16	4												
S120	S-3 Underpass/Path @ Ramp F	50	10-24-16	01-05-17	58												
B220	Roadway/Ramp C Improvements	40	11-03-16	01-03-17	4												
S130	S-4 Underpass/Path @ Ramps B/C	50	01-13-17	03-23-17	58												
<b>East Bound Bridge Construction (Phase III)</b>		<b>225</b>	<b>09-09-16</b>	<b>08-01-17</b>	<b>24</b>												
S150	Noise Walls	50	09-09-16	11-17-16	199												
B150	E&S/MOT - Traffic Change	5	01-10-17	01-17-17	0												
B170	Demo Exist. E.B. Bridge	20	01-17-17	02-16-17	0												
B160	Build New Bridge East Bound	130	01-19-17	08-01-17	0												
B200	Roadway/Ramp E Improvements	40	02-24-17	04-21-17	0												
S140	S-5 Bridge/Path @ Ramps A/D/E	50	03-31-17	06-09-17	58												
B210	Roadway/Ramp G Improvements	40	04-28-17	06-26-17	0												
<b>Finishes/Clean up (Phase IV)</b>		<b>48</b>	<b>06-26-17</b>	<b>09-01-17</b>	<b>0</b>												
S180	Punchlist	45	06-26-17	08-30-17	3												
S190	Demobilize	40	07-07-17	09-01-17	0												
S170	Roadway Finishes	23	08-01-17	09-01-17	0												
S160	Milling/Overlay	23	08-01-17	09-01-17	0												



█ Critical Remaining Work   
 █ Actual Work   
 ◆ Milestone   
 █ Remaining Level of Effort  
█ Near Critical   
 █ Remaining Work   
 ⇨ Summary



#### **4.2.4.2 Proposal Schedule Narrative**

The Corman DB Team has evaluated the RFP documents, visited the site, attended pre-proposal and utility meetings, participated in proprietary meeting discussions, and conducted working sessions among our construction and design teams. Through this progression, we developed a simplified solution to deliver the project through our sequencing plan. Our narrative explains how we plan to deliver a positive experience to VDOT and the stakeholders. The project completion date is as shown in the RFP of **September 1, 2017**.

#### **Project Milestones**

Notice of Intent to Award Date	<b>April 20, 2015</b>
CTB Approval/Notice to Award	<b>May 20, 2015</b>
Notice to Proceed	<b>June 25, 2015</b>
Advance Package RFC	<b>October 2015</b>
Full Released for Construction	<b>March 2016</b>
Final Project Completion:	<b>September 1, 2017</b>

#### **Work Breakdown Structure**

The baseline schedule integrates design and construction into a Work Breakdown Structure (WBS) as shown below:

**Level 1:** Schedule Milestones – Overall schedule review of progress.

**Level 2:** Scope Validation Period – Includes verification of utilities, geotechnical investigations, conceptual pavement designs, and spot checking the survey and base maps.

**Level 3:** Environmental Permitting - Includes the SWM/ES and VSMP application.

**Level 4:** Design – Includes 30% bridge and roadway plans, Advance Package for the construction of the center bridge (Phase I), Project-Wide Construction documents (Phases II and III), and ROW plans with time allocated for engineering services, plan development, QA/QC reviews, VDOT, and other regulatory agency reviews and approvals of plans.

**Level 5:** Right of Way Acquisition Titles and appraisals will be formulated. VDOT will review the appraisals. Upon settlement of the ROW negotiations, the Notice to Commence Construction will be issued for parcels depended upon ROW clearance.

**Level 6:** Utility Relocations – Includes activities for the UFI meetings, finalizing UT-9 Forms, preparation of the preliminary engineering estimates, utility relocation design by the our team and utility owners, approval of P & E estimates, utility design approvals, and utility relocations.

**Level 7:** Construction – Includes all components of roadway and bridge construction, as well as erosion & sediment controls, stormwater management, and construction, signals, ditches/drainage, lighting, and roadside improvements. QA/QC witness and hold points are incorporated in this section. Public Relations are included in the general section of this phase.

## WORK BREAKDOWN STRUCTURE

<b>Phase 01</b>	<b>Schedule Milestones</b>
<b>Phase 02</b>	<b>Scope Validation Period</b>
<b>Phase 03</b>	<b>Environmental Permitting</b>
<b>Phase 04</b>	<b>Design</b>  4.1 30% Roadway and Bridge  4.2 Advance Package / Final Design  4.3 Remaining Design  4.4 Design Support During Construction / As-Built Drawings
<b>Phase 05</b>	<b>Right of Way Acquisition</b>
<b>Phase 06</b>	<b>Utility Relocations</b>
<b>Phase 07</b>	<b>Construction</b>  7.1 Public Involvement  7.2 Pre-Construction Submittals  7.3 Advance Package (Phase I)  7.4 Westbound Bridge Construction (Phase II)  7.5 Eastbound Bridge Construction (Phase III)  7.6 Finishes and Clean Up (Phase IV)

### Calendars

Three project calendars were used in the schedule and include:

“5 Day Workweek with Basic Holidays” – Based on five working days per week and is used for activities and includes holiday restrictions not impacted by the weather.

“Asphalt Paving” – Based on a non-work period from December 22 through February 28 for weather dependent activities, such as asphalt paving.

“Calendar Days” – Based on seven days per week and is used for design, permitting and review periods.

### **Design Phase**

The design phase includes preparation, QA/QC reviews, and submissions of an Advance Package (Phase I) and remaining roadway and bridge designs (Phases II and III) and “Ready for Construction” design stages of the bridge and roadway design process. Included are 21-day review activities for VDOT review periods. Included to support the plan preparation is survey coordination and mapping, geotechnical investigations, and utility designations. Activities are included for geotechnical investigations, reports and a period for VDOT’s review of the geotechnical report prior to submitting the final advanced package. The design phase will begin immediately upon Notice of Intent to Award to begin work on the 30% which will be submitted for review at NTP on June 25, 2015. It is expected to have “Ready for Construction” plans ready for the Advance Package in October 2015. Included are reviews from VDOT and Agencies (FHWA, MWAA, WMATA, Fairfax County).

### **Environmental Permitting**

Activities have been incorporated for the full project-wide concept SWM/ES Plan, VSMP Permit, Confirm Jurisdictional Determinations, and Threatened and Endangered Species. The Individual Wetland Permit and VWP Permit are not required. Getting these applications in early and correctly will be imperative to keep the permits from delaying the project.

### **Right of Way Acquisition**

No ROW is required to construct the Advance Package (Phase I). At the conclusion of approved ROW plans, it is anticipated to receive the Notice to Commence Right of Way Acquisition.

### **Utility Relocations**

Utility relocations will be needed to complete the shared-use path connections, noise wall and westbound and eastbound bridge construction. With the exception of relocating VDOT-owned ITS facilities in the median the utility relocations do not impact the start of the Advance Package construction, but could delay completion of the project if not completed timely.

### **Construction**

Bridge construction between the two existing structures, Phase I MOT and required demolition will commence with the RFC of the Advance Package (Phase I). Because there is no Right of Way work and only VDOT ITS utilities to be relocated for this phase, the work for this portion of the project can start immediately.

Construction is anticipated to be performed in four major phases: Phase I Center Bridge; Phase II Westbound Bridge and Roadway, Shared-Use Path (including underpasses), relocation of Verizon and other communication conduits currently on the westbound bridge and Roadside Development; Phase III Eastbound Bridge and Roadway, Shared-Use Path (including pedestrian bridge), Noise Walls remaining utility relocations and Roadside Development; and final Phase IV includes Removal of Temporary MOT Installations, Milling and Overlay and Final Roadside Development.

### **Plan to Execute the Work**

In general, we plan to complete the advanced package design of the project prior to commencing Phase I construction, followed by the remainder of design and construction of Phases II, III and IV with completion of the project on or before the Final Completion Date of **September 1, 2017**.

For this project we have made the following assumptions:

- **ROW Requirements:** Will not prohibit start of the Advance Package Phase I work

- **Utility Relocations:** For the Advance Package will only include relocation of the VDOT-owned ITS facilities in the existing median.
- **MWAA permits for MOT** to construct the new substructures and for the utilities attached to the new structures will be readily obtainable by the impacted utilities and the Corman DB Team.
- **Final Job Completion:** Work will be completed by **September 1, 2017**.

### **Schedule Overview**

Notice of Intent to Award:    **April 15, 2015**

Design Activities:            **April 2015 thru March 2016**

Construction:                 **October 2015 – August 2017**

Final Completion:           **September 1, 2017**

### **Construction**

Construction is anticipated to be performed in four major phases:

- Phase I - Center Bridge;
- Phase II - Westbound Bridge and Roadway, Shared-Use Path (including Underpasses) and Roadside Development;
- Phase III - Eastbound Bridge and Roadway, Shared-Use Path (including Pedestrian Bridge), Noise Walls and Roadside Development;
- Phase IV - includes Removal of Temporary MOT Installations, Milling and Overlay and Final Roadside Development.

Construction is scheduled to take place with multiple crews with much of the work in each phase being constructed simultaneously. Weekly scheduling and supervisory meetings with the Construction Manager, Project Engineer, Construction QC Manager, QAM, superintendents, foreman, and engineers will establish the three-week schedules. These schedules include detailed QC inspection and testing needs. Subcontractors will be involved in weekly scheduling meetings.

### **Critical Path**

The critical path flows through the 30% design, Advance Phase I design and construction efforts. For these packages, we have assumed VDOT will accommodate the tight schedule constraints on this project and, as is being done on other VDOT projects with extremely tight schedules, the following be performed post Notice of Intent to Award and prior to NTP;

- VDOT review and approval of boring plan;
- Utility relocation meetings with the affected utilities, MWAA and review of UT-9's;
- VDOT review and reply to RFIs and other appropriate submittals (e.g., Design Quality Plan)
- Joint VDOT / DB Team progress meetings
- Issuance of Land Use Permits to allow survey, test pits, and sign inventory to commence within existing public ROW along with the required associated MOT.

We also assumed the standard review of the geotechnical report for work associated with this advance package be reduced from the standard 45 days and submittal review durations be reduced from the normal 21 days.

Critical Path continues with Phases II and III bridge construction and culminates with the final roadway milling, overlay and roadway development items and demobilization.



**ATTACHMENT 4.0.1.1**

**Route 7 Widening and Bridge Rehabilitation over Dulles Toll Road and Airport Access Highway**

**LETTER OF SUBMITTAL AND ATTACHMENTS CHECKLIST**

Offerors shall furnish a copy of this Letter of Submittal Checklist, with the page references added, with the Letter of Submittal.

<b>Technical Proposal Component</b>	<b>Form (if any)</b>	<b>RFP Part 1 Cross Reference</b>	<b>Page Reference</b>
<b>Letter of Submittal and Attachments Checklist</b>	Attachment 4.0.1.1	Section 4.0.1.1	Appendix 35-36
<b>Acknowledgement of RFP, Revisions, and/or Addenda</b>	Attachment 3.6 (Form C-78-RFP)	Sections 3.6, 4.0.1.1	Appendix 37
<b>Letter of Submittal</b>	NA	Sections 4.1	
Letter of Submittal on Offeror's letterhead	NA	Section 4.1.1	1
Offeror's official representative information	NA	Section 4.1.1	1
Authorized representative's original signature	NA	Section 4.1.1	2
Declaration of intent	NA	Section 4.1.2	1
120 day declaration	yes	Section 4.1.3	1
Point of Contact information	yes	Section 4.1.4	1
Principal Officer information	NA	Section 4.1.5	1
Final Completion Date	NA	Section 4.1.6	1
Proposal Payment Agreement or Waiver of Proposal Payment	Attachment 9.3.1 or 9.3.2	Section 4.1.7	Appendix 38-41
Certification Regarding Debarment Forms	Attachment 11.8.6(a) Attachment 11.8.6(b)	Section 4.1.8	Appendix 42-50
Written statement that Offeror's proposed concept included in the Attachments to the LOS is fully compliant with the Design Criteria Table and all other requirements of the RFP	NA	Section 4.1.9	1-2

**ATTACHMENT 4.0.1.1**

**Route 7 Widening and Bridge Rehabilitation over Dulles Toll Road and Airport Access Highway**

**LETTER OF SUBMITTAL AND ATTACHMENTS CHECKLIST**

<b>Technical Proposal Component</b>	<b>Form (if any)</b>	<b>RFP Part 1 Cross Reference</b>	<b>Page Reference</b>
Certification that the proposed limits of construction are located within the right-of-way limits shown on RFP plans	NA	Section 4.1.9	1-2
Written statement of percent DBE participation	NA	Section 4.1.10	2
<b>Attachments to the Letter of Submittal</b>	NA	Section 4.2	
Confirmation that the information provided in the SOQ submittal remains true and accurate or indicates that any requested changes were previously approved by VDOT	NA	Section 4.2.1	3
Organizational chart with any updates since the SOQ submittal clearly identified	NA	Section 4.2.1	4
Revised narrative when organizational chart includes updates since the SOQ submittal	NA	Section 4.2.1	3
Conceptual Roadway Plans – Plan View	NA	Section 4.2.2	5-16
Conceptual Roadway Plans – Typical Sections	NA	Section 4.2.2	5-16
Conceptual Structural Plans – Elevation View	NA	Section 4.2.3	17-25
Conceptual Roadway Plans – Transverse Section	NA	Section 4.2.3	17-25
Conceptual Roadway Plans – Abutment Configuration	NA	Section 4.2.3	17-25
<b>Proposal Schedule</b>	NA	Section 4.2.4	
Proposal Schedule	NA	Section 4.2.4.1	26-29
Proposal Schedule Narrative	NA	Section 4.2.4.2	30-34
Proposal Schedule in electronic format (CD-ROM)	NA	Section 4.2.4	CD-ROM

**ATTACHMENT 3.6**

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

RFP NO. C00082135DB77

PROJECT NO.: 0007-029-139, P101, R201, C501, B617, B618

**ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA**

Acknowledgement shall be made of receipt of the Request for Proposals (RFP) and/or any and all revisions and/or addenda pertaining to the above designated project which are issued by the Department prior to the Letter of Submittal submission date shown herein. Failure to include this acknowledgement in the Letter of Submittal may result in the rejection of your proposal.

By signing this Attachment 3.6, the Offeror acknowledges receipt of the RFP and/or following revisions and/or addenda to the RFP for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

- 1. Cover letter of September 19, 2014 – RFP  
(Date)  
October 14, 2014-Supplements to RFP Info Pkge.
- 2. Cover letter of February 13, 2015 – Addendum #1  
(Date)  
March 3, 2015-Addendum #1-Additional Questions & Answers
- 3. Cover letter of March 3, 2015 – Addendum #2  
(Date)
- 4. Cover letter of March 5, 2015 – Addendum #3  
(Date)

	3.9.15
_____ SIGNATURE	_____ DATE
<u>Chase Cox</u>	<u>Vice President</u>
PRINTED NAME	TITLE

**ATTACHMENT 9.3.1**  
**PROPOSAL PAYMENT AGREEMENT**

**THIS PROPOSAL PAYMENT AGREEMENT** (this “Agreement”) is made and entered into as of this 9<sup>th</sup> day of March, 2015 by and between the Virginia Department of Transportation (“VDOT”), and Corman Construction, Inc. (“Offeror”).

**WITNESSETH:**

**WHEREAS**, Offeror is one of the entities who submitted Statements of Qualifications (“SOQs”) pursuant to VDOT’s **May 13, 2014** Request for Qualifications (“RFQ”) and was invited to submit proposals in response to a Request for Proposals (“RFP”) for the **Route 7 Widening and Bridge Rehabilitation over Dulles Toll Road and Airport Access Highway, Project No. 0007-029-139, P101, R201, C501, B617, B618** (“Project”), under a design-build contract with VDOT (“Design-Build Contract”); and

**WHEREAS**, as part of the procurement process for the Project, Offeror has already provided and/or furnished to VDOT, and may continue to provide and/or furnish to VDOT, certain intellectual property, materials, information and ideas, including, but not limited to, such matters that are: (a) conveyed verbally and in writing during proprietary meetings or interviews; and (b) contained in, related to or associated with Offeror’s proposal, including, but not limited to, written correspondence, designs, drawings, plans, exhibits, photographs, reports, printed material, tapes, electronic disks, or other graphic and visual aids (collectively “Offeror’s Intellectual Property”); and

**WHEREAS**, VDOT is willing to provide a payment to Offeror, subject to the express conditions stated in this Agreement, to obtain certain rights in Offeror’s Intellectual Property, provided that Offeror submits a proposal that VDOT determines to be responsive to the RFP (“Offeror’s Proposal”), and either (a) Offeror is not awarded the Design-Build Contract; or (b) VDOT cancels the procurement or decides not to award the Design-Build Contract to any Offeror; and

**WHEREAS**, Offeror wishes to receive the payment offered by VDOT, in exchange for granting VDOT the rights set forth in this Agreement.

**NOW, THEREFORE**, in consideration of the mutual covenants and agreements set forth in this Agreement and other good and valuable consideration, the receipt and adequacy of which are acknowledged by the parties, the parties agree as follows:

1. **VDOT's Rights in Offeror's Intellectual Property.** Offeror hereby conveys to VDOT all rights, title and interest, free and clear of all liens, claims and encumbrances, in Offeror's Intellectual Property, which includes, without restriction or limitation, the right of VDOT, and anyone contracting with VDOT, to incorporate any ideas or information from Offeror's Intellectual Property into: (a) the Design-Build Contract and the Project; (b) any other contract awarded in reference to the Project; or (c) any subsequent procurement by VDOT. In receiving all rights, title and interest in Offeror's Intellectual Property, VDOT is deemed to own all intellectual property rights, copyrights, patents, trade secrets, trademarks, and service marks in Offeror's Intellectual Property, and Offeror agrees that it shall, at the request of VDOT, execute all papers and perform all other acts that may be necessary to ensure that VDOT's rights, title and interest in Offeror's Intellectual Property are protected. The rights conferred herein to VDOT include, without limitation, VDOT's ability to use Offeror's Intellectual Property without the obligation to notify or seek permission from Offeror.

2. **Exclusions from Offeror's Intellectual Property.** Notwithstanding Section 1 above, it is understood and agreed that Offeror's Intellectual Property is not intended to include, and Offeror does not convey any rights to, the Escrow Proposal Documents submitted by Offeror in accordance with the RFP.

3. **Proposal Payment.** VDOT agrees to pay Offeror the lump sum amount of [*written number*] and 00/100 Dollars (\$*numerical*.00) ("Proposal Payment"), which payment constitutes payment in full to Offeror for the conveyance of Offeror's Intellectual Property to VDOT in accordance with this Agreement. Payment of the Proposal Payment is conditioned upon: (a) Offeror's Proposal being, in the sole discretion of VDOT, responsive to the RFP; (b) Offeror complying with all other terms and conditions of this Agreement; and (c) either (i) Offeror is not awarded the Design-Build Contract, or (ii) VDOT cancels the procurement or decides not to award the Design-Build Contract to any Offeror.

4. **Payment Due Date.** Subject to the conditions set forth in this Agreement, VDOT will make payment of the Proposal Payment to the Offeror within forty-five (45) days after the later of: (a) notice from VDOT that it has awarded the Design-Build Contract to another Offeror; or (b) notice from VDOT that the procurement for the Project has been cancelled and that there will be no Contract Award.

5. **Effective Date of this Agreement.** The rights and obligations of VDOT and Offeror under this Agreement, including VDOT's ownership rights in Offeror's Intellectual Property, vests upon the date that Offeror's Proposal is submitted to VDOT. Notwithstanding the above, if Offeror's Proposal is determined by VDOT, in its sole discretion, to be nonresponsive to the RFP, then Offeror is deemed to have waived its right to obtain the Proposal Payment, and VDOT shall have no obligations under this Agreement.

6. **Indemnity.** Subject to the limitation contained below, Offeror shall, at its own expense, indemnify, protect and hold harmless VDOT and its agents, directors, officers, employees, representatives and contractors from all claims, costs, expenses, liabilities, demands, or suits at law or equity ("Claims") of, by or in favor of or awarded to any third party arising in whole or in part from: (a) the negligence or wilful misconduct of Offeror or any of its agents, officers, employees, representatives or subcontractors; or (b) breach of any of Offeror's obligations under this Agreement, including its representation and warranty under Section 8 hereof. This indemnity shall not apply with respect to any Claims caused by or resulting from the sole negligence or wilful misconduct of VDOT, or its agents, directors, officers, employees, representatives or contractors.

7. **Assignment.** Offeror shall not assign this Agreement, without VDOT's prior written consent, which consent may be given or withheld in VDOT's sole discretion. Any assignment of this Agreement without such consent shall be null and void.

8. **Authority to Enter into this Agreement.** By executing this Agreement, Offeror specifically represents and warrants that it has the authority to convey to VDOT all rights, title, and interest in Offeror's Intellectual Property, including, but not limited to, those any rights that might have been vested in team members, subcontractors, consultants or anyone else who may have contributed to the development of Offeror's Intellectual Property, free and clear of all liens, claims and encumbrances.

9. **Miscellaneous.**

a. Offeror and VDOT agree that Offeror, its team members, and their respective employees are not agents of VDOT as a result of this Agreement.

b. Any capitalized term used herein but not otherwise defined shall have the meanings set forth in the RFP.

c. This Agreement, together with the RFP, embodies the entire agreement of the parties with respect to the subject matter hereof. There are no promises, terms, conditions, or obligations other than those contained herein or in the RFP, and this Agreement shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties hereto.

d. It is understood and agreed by the parties hereto that if any part, term, or provision of this Agreement is by the courts held to be illegal or in conflict with any law of the Commonwealth of Virginia, validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term, or provisions to be invalid.

e. This Agreement shall be governed by and construed in accordance with the laws of the Commonwealth of Virginia.

**IN WITNESS WHEREOF**, this Agreement has been executed and delivered as of the day and year first above written.

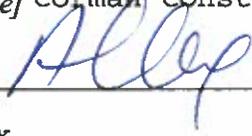
VIRGINIA DEPARTMENT OF TRANSPORTATION

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

*[Insert Offeror's Name]* ~~Corman~~ Construction, Inc.

By: \_\_\_\_\_ 

Name: Chase Cox

Title: Vice President

**ATTACHMENT NO. 11.8.6(a)**

**CERTIFICATION REGARDING DEBARMENT  
PRIMARY COVERED TRANSACTIONS**

Project: 0007-029-139, P101, R201, C501, B617, B618  
Contract ID: C00082135DB77

1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:

a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency.

b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; and have not been convicted of any violations of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false statements, or receiving stolen property;

c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 1) b) of this certification; and

d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this form.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

	3.9.15	
Signature	Date	Vice President
Title		

Corman Construction, Inc.

---

Name of Firm

**ATTACHMENT NO. 11.8.6(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project: 0007-029-139, P101, R201, C501, B617, B618  
Contract ID: C00082135DB77

1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this form.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

  
\_\_\_\_\_  
Signature

Feb. 23, 2015

\_\_\_\_\_  
Date

Director

\_\_\_\_\_  
Title

RK&K

\_\_\_\_\_  
Name of Firm

**ATTACHMENT NO. 11.8.6(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project: 0007-029-139, P101, R201, C501, B617, B618  
Contract ID: C00082135DB77

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this form.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

 2/23/15  
Signature Date

President  
Title

Diversified Property Services, Inc.  
Name of Firm

**ATTACHMENT NO. 11.8.6(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project: 0007-029-139, P101, R201, C501, B617, B618  
Contract ID: C00082135DB77

1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this form.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

*J. Randy Wirt*

<u>Signature</u>	<u>2/20/15</u>	<u>Chief Engineer</u>
	<u>Date</u>	<u>Title</u>

ECS Mid-Atlantic. LLC  
Name of Firm

**ATTACHMENT NO. 11.8.6(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project: 0007-029-139, P101, R201, C501, B617, B618  
Contract ID: C00082135DB77

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
  
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this form.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

  
Signature \_\_\_\_\_ Date 2/20/2015

\_\_\_\_\_  
Director  
Title

\_\_\_\_\_  
Rhodeside & Harwell, Incorporated  
Name of Firm

**ATTACHMENT NO. 11.8.6(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project: 0007-029-139, P101, R201, C501, B617, B618  
Contract ID: C00082135DB77

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this form.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

Signature TDR III Date 2/24/15 Title PRESIDENT

Name of Firm RICR ASSOCIATES

**ATTACHMENT NO. 11.8.6(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project: 0007-029-139, P101, R201, C501, B617, B618  
Contract ID: C00082135DB77

1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this form.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

  
Signature

1/8/2015  
Date

Vice President  
Title

Sabra, Wang & Associates, Inc.  
Name of Firm



**ATTACHMENT NO. 11.8.6(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project: 0007-029-139, P101, R201, C501, B617, B618  
Contract ID: C00082135DB77

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this form.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

Carya C. Howe      2/21/15      President  
Signature                      Date                      Title

Utility Professional Services, Inc.  
Name of Firm

