



Letter of Submittal and Attachments

Sycolin Road Overpass of the Route 7/15 Bypass in Leesburg

Loudoun County, Virginia

A DESIGN/BUILD PROJECT

State Project No.: 6007-053-S96

Federal Project No.: STP-5A01 (229)

Contract ID No.: C00099256DB53

Date: October 4, 2012



TRIPLETT-KING



ATTACHMENT 4.0.1.1
SYCOLIN ROAD OVERPASS OF THE ROTUE 7-15 BYPASS IN LEESBURG
LETTER OF SUBMITTAL CHECKLIST AND CONTENTS

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

Letter of Submittal Component	Form (if any)	RFP Part 1 Cross Reference	Page Reference
Letter of Submittal Checklist and Contents	Attachment 4.0.1.1	Section 4.0.1.1	Tab 4.0.1.1
Acknowledgement of RFP, Revisions, and/or Addenda	Attachment 3.4 (Form C-78-RFP)	Sections 3.4; 4.0.1.1	Tab Attachment 3.4
Letter of Submittal	NA	Sections 4.1	Tab 4.1 LOS
Letter of Submittal on Offeror's letterhead	NA	Section 4.1.1	Page 1
Offeror's full legal name and address	NA	Section 4.1.1	Page 1
Authorized representative's original signature	NA	Section 4.1.1	Page 4
Declaration of intent	NA	Section 4.1.2	Page 3
120 day declaration	NA	Section 4.1.3	Page 3
Point of Contact information	NA	Section 4.1.4	Page 3
Principal Officer information	NA	Section 4.1.5	Page 3
Offeror's Corporate Structure	NA	Section 4.1.6	Page 4
Full Legal Name of Lead Contractor and Lead Designer	NA	Section 4.1.7	Page 4
Offeror's VDOT prequalification information	NA	Section 4.1.8	Page 4
DBE statement confirming Offeror is committed to achieving the required DBE goal	NA	Section 4.1.9	Page 4
Substantial and Final Completion Date(s)	NA	Section 4.1.10	Page 4

ATTACHMENT 4.0.1.1
SYCOLIN ROAD OVERPASS OF THE ROTUE 7-15 BYPASS IN LEESBURG
LETTER OF SUBMITTAL CHECKLIST AND CONTENTS

Letter of Submittal Component	Form (if any)	RFP Part 1 Cross Reference	Page Reference
Attachments to the Letter of Submittal	NA	Section 4.2	
Affiliated and/ or Subsidiary Companies	Attachment 4.2.1	Section 4.2.1	Tab 4.2.1
Certification Regarding Debarment Forms	Attachment 4.2.2(a) Attachment 4.2.2(b)	Section 4.2.2	Tab 4.2.2
Offeror's VDOT prequalification information	NA	Section 4.2.3	Tab 4.2.3
Evidence of obtaining bonding	NA	Section 4.2.4	Tab 4.2.4
Full size copies of DPOR licenses and SCC registrations	NA	Section 4.2.5	Tab 4.2.5
SCC registration information - businesses	Attachment 4.2.5	Section 4.2.5.1	Tab 4.2.5
DPOR registration information - businesses	Attachment 4.2.5	Section 4.2.5.2	Tab 4.2.5
Lead Contractor Work History Form	Attachment 4.2.6(a)	Section 4.2.6	Tab 4.2.6
Lead Designer Work History Form	Attachment 4.2.6(b)	Section 4.2.6	Tab 4.2.6
Conceptual Roadway Plans	NA	Section 4.2.7	Tab 4.2.7
Conceptual Bridge Plans	NA	Section 4.2.8	Tab 4.2.8

ATTACHMENT 3.4

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

RFP NO. C00099256DB53
PROJECT NO.: 6007-053-S96

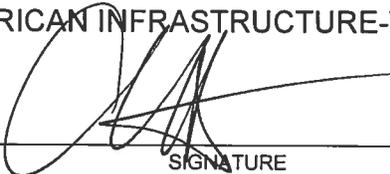
ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA

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 3.4, 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 July 31, 2012 – RFP
(Date)
2. Cover letter of September 7, 2012 – Addendum #1
(Date)
3. Cover letter of _____
(Date)

By: AMERICAN INFRASTRUCTURE-VA, INC.



SIGNATURE
Aaron T. Myers, Vice President/General Manager

10/04/12
DATE

4.1 Letter of Submittal



301 Concourse Boulevard, Suite 300
Glen Allen, VA 23059
T: (804) 290-8500 Fax: (804) 418-7923

October 4, 2012

Mr. Ian Millikan, P.E.
Virginia Department of Transportation
1401 East Broad Street
Annex Building, 8th Floor
Richmond, VA 23219

Letter of Submittal

Sycolin Road Overpass of the Route 7/15 Bypass in Leesburg
State Project No. 6007-053-S96
Federal Project No. STP-5A01(229)
Contract ID Number: C00099256DB53

Dear Mr. Millikan,

American Infrastructure – VA, Inc. (AI-VA) is pleased to provide our Letter of Submittal and Attachments for the Virginia Department of Transportation (VDOT) Sycolin Road Overpass of the Route 7/15 Bypass in Leesburg, Loudoun County, Virginia (Sycolin Road Overpass Project). AI-VA was recently named the *Associated Builders and Contractors National Contractor of the Year for 2011*, and is also an award-winning design-builder, having been recognized for the *Design Build Institute of America Merit Award for Infrastructure in 2011*.

THE AI TEAM

We have assembled a team with the expertise required to successfully meet the goals and objectives of the Sycolin Road Overpass Project, providing the best price for the scope of work identified by the RFP while also improving safety and operations along the Route 7-15 Bypass for both motorists and pedestrians. Our Team has working knowledge of VDOT practices and procedures, and specifically working with VDOT's NOVA District.

AI-VA will lead the Design-Build Team for the Sycolin Road Overpass Project. Our design partner, Triplett-King & Associates, Inc. (TKA), will be the Lead Designer in charge of structural design and will provide design quality control. Rinker Design Associates, PC (RDA) will support Triplett-King as the roadway and drainage designer.

AI-VA Experience

AI-VA completed the site development services for the USACE Fort Belvoir Hospital in Fort Belvoir, VA, meeting all schedule milestones and staying within budget. AI-VA played a major role in establishing the initial budget for all heavy civil construction. AI-VA also played a key role in value engineering through the design process to not only reduce costs but to compress the schedule. The Mulligan Road, Phase I project in Fort Belvoir was completed successfully through early involvement and open communication with FHWA. In addition to this experience working in NOVA, AI-VA has completed design-build projects throughout Virginia, including the \$39M Airport Connector Road project in Richmond and the \$6.7M Route 29 Approaches and Bridge over the Tye River project in Amherst and Nelson Counties. AI-VA also has under contract the \$32.6M Middle Ground Boulevard

Extension project in Newport News and the \$20.4M I-581/Elm Avenue Interchange Improvements project in Roanoke.

TKA Experience

TKA has built their niche in providing design services for fast track, accelerated design-build projects. They have worked on 20 design-build projects up to \$467M across the southeast including the VDOT Route 288/I-64 Interchange P3 project, the I-520 Savannah River Bridge, as well as the VDOT 12 Multiple Bridge Rehabilitations in Salem and Lynchburg District. Since 1997, Triplett-King has saved over \$10M in value engineering and redesigns and years of construction time. TKA's Construction Services Department works with over 45 contractors throughout the southeast, which has given them an edge with value engineering during construction phase and constructability.

RDA Experience

RDA has extensive experience in the Northern Virginia region through the 35 year history of their company. A recently completed and advertised project, the Stringfellow Road Improvements project, involved extensive utility relocations and TMP/MOT considerations through a heavily congested corridor. Additionally, RDA's recent experience in the region includes: the Route 15 (James Madison Highway) Widening PPTA project in Prince William County, the Route 29 (Lee Highway) Widening project in Fairfax County, the Rollins Ford Road Widening and Bridge project in Prince William County and the Battlefield Parkway project in Leesburg. RDA and AI-VA are the design-build team for the Middle Ground Boulevard and I-581/Elm Avenue Interchange Improvements projects.

Team Dynamics

AI-VA has built a team with extensive design-build experience. Our team members all share the same core values of quality, innovation, and flexibility. These core values enable us to provide VDOT a high quality project, with innovative design and construction solutions that reduce cost, and the flexibility to manage the Sycolin Road Overpass Project while meeting the needs of both VDOT and the travelling public. With the experience of the team, similar values, and the scope of the project, our team members all bring the expertise necessary to successfully build the Sycolin Road Overpass Project at the best value to VDOT.

SWAM COMMITMENT AND DBE PARTICIPATION

AI-VA is committed to supporting the viability of small businesses owned by women and minorities, as well as meeting the Sycolin Road Overpass Project requirements for DBE participation. Both our Design Team and Construction QA/QC Teams are comprised of SWaM certified consultants.

TKA and RDA are Virginia-Certified Small Businesses (Certification #692048 and #652784, respectively). DMY Engineering Consultants, LLC (DMYEC), a Small, Minority-Owned Business (Certification #684372), will be responsible for geotechnical engineering services and construction quality control for the project. Quinn Consulting (Quinn), a certified Small, Woman-Owned Business (Certification #626289), will lead the Quality Assurance Program. Quinn will operate independently from the design, design quality control, and construction quality control activities to provide confidence to VDOT that design and construction efforts are carried out in accordance with the project RFP and the contract.

A PROVEN SAFETY RECORD

AI-VA provides a culture of safety and excellence which is evidenced through our policies and safety performance. We believe a project is only considered successful when the goal of zero incidents is achieved. AI-VA teaches its employees to recognize unsafe conditions, and authorizes ALL employees, subcontractors, and project stakeholders to stop a work activity if an unsafe condition is observed.

AI-VA has not been issued an OSHA citation in the past five years maintains an Experience Modification Rate considerably lower than the construction industry standard of 1.00.

The AI Team will assign a Safety Coordinator to the Sycolin Road Overpass Project to ensure 100% compliance in wearing hardhats, eye protection, foot protection, and reflective clothing, and to ensure that subcontractors and subconsultants are compliant with the safety policies and procedures established by the AI Team.

AI-VA has extensive safe-work experience for bridge and roadway projects. We institute comprehensive fall protection programs for our projects and develop a job-specific Crane Safety Program on every project requiring cranes. Our roadway crews and supervisors are appropriately certified through ATSSA.

AI-VA SAFETY PERFORMANCE		
Year	EMR	OSHA Violations
2011	0.69	0
2010	0.80	0
2009	0.75	0
2008	0.68	0

SUBMITTAL REQUIREMENTS

The AI Team offers the statements shown below, as requested in Section 4.1 of the Request for Proposal. The required attachments and supporting documentation can be found in the following corresponding sections, as referenced in the Letter of Submittal Checklist, **ATTACHMENT 4.0.1.1**.

- 4.1.2** AI-VA intends to enter into a contract with VDOT for the Sycolin Road Overpass Project in accordance with the terms and conditions of this RFP.
- 4.1.3** The offer represented by this proposal will remain in full force and effect for one hundred and twenty (120) days after submittal to VDOT on October 4, 2012.
- 4.1.4** M. Jeff Humphreys, Jr. is the official representative and point of contact for the AI Team relative to this proposal. In his role as the Design Build Project Manager, he will be responsible for oversight of the entire AI Team. The required contact information follows:

M. Jeff Humphreys, Jr.	804.290.8514 (Telephone)
Design-Build Project Manager	484.993.6638 (Fax)
301 Concourse Boulevard – Suite 300	804.683.0553 (Cell)
Glen Allen, VA 23059	jeff.humphreys@americaninfrastructure.com

- 4.1.5** The principal officer of American Infrastructure – VA, Inc. with whom the Design-Build contract would be executed is:

Aaron T. Myers	804-290-8525 (Telephone)
Vice President/General Manager	610-222-3360 (Fax)
301 Concourse Blvd, Suite 300	aaron.myers@americaninfrastructure.com
Glen Allen, VA 23059	



- 4.1.6 American Infrastructure – VA, Inc. is a registered Corporation in the Commonwealth of Virginia and will take financial responsibility for the Sycolin Road Overpass Project. AI-VA has a bonding capacity of \$600M. A single performance bond and a single payment bond will be provided for the Sycolin Road Overpass Project as detailed in the attached **LETTER OF SURETY** from Rosenberg & Parker, dated October 4, 2012.
- 4.1.7 American Infrastructure – VA, Inc. will be the lead contractor and Triplett-King Associates, Inc. will be the Lead Designer for the Sycolin Road Overpass Project.
- 4.1.8 American Infrastructure – VA is active, in good standing and prequalified to bid on the on the Sycolin Road Overpass Project as outlined in VDOT’s Rules Governing Prequalification Privileges as of October 4, 2012. AI-VA’s prequalification number is G303 and our prequalification certificate is included as **ATTACHMENT 4.2.3**.
- 4.1.9 AI-VA is committed to achieving the twenty percent (20%) DBE participation goal for the entire value of the contract.
- 4.1.10 The AI Team will meet the Interim Milestone, Substantial Completion, and Final Completion dates required by the RFP.

Interim Milestone: August 15, 2014

Substantial Completion: October 14, 2014

Final Completion: October 14, 2014

The AI Team is committed to delivering the Sycolin Road Overpass Project to VDOT with high quality, both on-time and on-budget. The AI Team will exceed VDOT’s expectations by developing and executing a project-specific QA and QC Program for both the design and construction phases, minimizing project duration, performing work safely, and ensuring a high-quality project through design approach and construction methods. We will coordinate with the adjacent Sycolin Road Widening project to minimize disruptions to the public in the interest of the success of both projects. We trust you will find our commitment to VDOT is focused and we look forward to partnering with you on the Sycolin Road Overpass of the Route 7/15 Bypass Project.

Respectfully,

Aaron T. Myers, VP/GM
American Infrastructure – VA, Inc.

M. Jeff Humphreys, Jr., DBPM
American Infrastructure – VA, Inc.

ATTACHMENT 4.2.1

State Project No. 6007-053-S96

Affiliated and Subsidiary Companies of the Offeror

Offerors shall complete the table and include the addresses of affiliates or subsidiary companies as applicable. By completing this table, Offerors certify that all affiliated and subsidiary companies of the Offeror are listed.

- The Offeror does not have any affiliated or subsidiary companies.**
- Affiliated and/ or subsidiary companies of the Offeror are listed below.**

Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
American Infrastructure-V A, Inc. Affiliate	Allan A. Myers, Inc.	1805 Berks Road, Worcester, PA 19490
American Infrastructure-V A, Inc. Affiliate	American Infrastructure-MD, Inc.	2011 Belair Road, Fallston, MD 21047-2721

ATTACHMENT 4.2.2(a)
CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS

Project No.: 6007-053-S96

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 proposal.

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	10/01/12 _____ Date	Vice President/General Manager _____ Title
Aaron T. Myers		
American Infrastructure-VA, Inc.		
_____ Name of Firm		

ATTACHMENT 4.2.2(a)
CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS

Project No.: 6007-053-S96

- 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 proposal.

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.

<u>Dale R. Wilson</u>	<u>9/14/12</u>	<u>President</u>
Signature	Date	Title
Dale R. Wilson		

Allan A. Myers, L.P.
Name of Firm

ATTACHMENT 4.2.2(a)
CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS

Project No.: 6007-053-S96

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 proposal.

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.

<u>Dale R. Wilson</u>	<u>9/14/12</u>	<u>President</u>
Signature	Date	Title
Dale R. Wilson		

American Infrastructure-MD, Inc.

Name of Firm

ATTACHMENT 4.2.2(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 6007-053-S96

- 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 proposal.

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.

W. Mervin King 09/17/2012 President
Signature Date Title

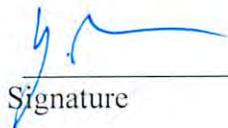
Triplett-King & Associates, Inc.
Name of Firm

ATTACHMENT 4.2.2(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 6007-053-S96

- 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 proposal.

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

September 27, 2012
Date

President and CEO
Title

DMY Engineering Consultants, LLC
Name of Firm

ATTACHMENT 4.2.2(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 6007-053-S96

- 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 proposal.

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	September 27, 2012 _____ Date	President _____ Title
Quinn Consulting Services, Inc. _____ Name of Firm		



COMMONWEALTH OF VIRGINIA



CERTIFICATE OF QUALIFICATION

AMERICAN INFRASTRUCTURE-VA, INC.

Vendor Number: G303

In accordance with the Regulations of the Virginia Department of Transportation, you are hereby notified that the following Rating and Classifications have been assigned to you by the Commissioner:

PREQUALIFIED

Work Classes: GRADING; MAJOR STRUCTURES; ASPHALT CONCRETE PAVING; MINOR STRUCTURES; ROADWAY MILLING; SURFACE TREATMENT

Issue Date: 01/31/2012

This Rating and Classification will Expire: 01/31/2013

Suzanne FR Lucas Prequalification Officer

Don E. Sifles, State Contract Officer

ROSENBERG & PARKER

S U R E T Y B O N D S

October 4, 2012

Virginia Department of Transportation
1401 East Broad St.
Richmond, VA 23219

Re: American Infrastructure-VA, Inc.
Request for Qualifications – A Design-Build Project
State Project No.: 6007-053-S96, Federal Project No. STP-5A01(229)
Contract ID No. C00099256DB53
Sycolin Road Overpass of the Route 7/15 Bypass in Leesburg
Estimated Contract Value: \$16,500,000

To Whom It May Concern:

American Infrastructure-VA, Inc., a subsidiary of American Infrastructure, is a highly regarded and valued client of Fidelity and Deposit Company of Maryland, Zurich American Insurance Company and Arch Insurance Company. Fidelity and Deposit Company of Maryland is rated A+ XV in the Best's Key Rating Guide, listed in the Department of the Treasury's listing of Approved Sureties (Department Circular 570) and licensed to transact business in the Commonwealth of Virginia. Zurich American Insurance Company is rated A+ XV in the Best's Key Rating Guide, listed in the Department of the Treasury's listing of Approved Sureties (Department Circular 570) and licensed to transact business in the Commonwealth of Virginia. Arch Insurance Company is rated A+ XV in the Best's Key Rating Guide, listed in the Department of the Treasury's Listing of Approved Sureties (Department Circular 570) and licensed to transact business in the Commonwealth of Virginia. Liberty and Arch have expressed to them their willingness to provide bonding to support on individual projects in the amount of \$250,000,000.00 and aggregate of \$600,000,000.00. As surety for American Infrastructure-VA, Inc., Fidelity and Deposit Company of Maryland, Zurich American Insurance Company and Arch, with A.M. Best Financial Ratings as stated above, is capable of obtaining a 100% Performance Bond and a 100% Labor and Materials Payment Bond in the amount of the anticipated cost of construction, and said bonds will cover the Project and any warranty periods on behalf of the Contractor, in the event that American Infrastructure-VA, Inc. be the successful bidder and enter into a contract for this project.

In accordance with the normal practice, the willingness of Fidelity and Deposit Company of Maryland, Zurich American Insurance Company and Arch Insurance Company to extend suretyship will be based on their underwriting of the account at the time the bonds are requested. This letter shall be valid for a period of 180 days from the date of this letter.

In addition, we would expect that the execution of any final bonds would be subject to a review of the contract documents by American Infrastructure-VA, Inc., Fidelity and Deposit Company of Maryland, Zurich American Insurance Company and Arch Insurance Company as well as satisfactory evidence of financing for the project.

If we can provide any further assistance, please do not hesitate to call upon us.

Sincerely,

Rosenberg & Parker, Inc.

Harry C. Rosenberg
Chairman

HCR/cad

cc: Mr. John Souder, Fidelity and Deposit Company of Maryland and Zurich American Insurance Company and Mr. Joe Crawford, Arch Insurance Company



ATTACHMENT 4.2.5

State Project No. 6007-053-S96

SCC and DPOR Information

Offerors shall complete the table and include the required state registration and licensure information. By completing this table, Offerors certify that their team complies with the requirements set forth in Section 4.2.5 and that all businesses listed are active and in good standing.

SCC & DPOR INFORMATION FOR BUSINESSES (RFP Sections 4.2.5.1 and 4.2.5.2)							
Business Name	SCC Information (4.2.5.1)			DPOR Information (4.2.5.2)			
	SCC Number	SCC Type of Corporation	SCC Status	DPOR Registered Address	DPOR Registration Type	DPOR Registration Number	DPOR Expiration Date
American Infrastructure-VA, Inc.	01137801	Corporation	Active	44209 Wade Drive Chantilly, VA 20152	Class A Contractors, H/H	2701009872A	12-31-2012
Triplett-King & Associates, Inc.	F1794736	Foreign Corporation	Active	P.O. Box 70 Rock Hill, SC 29831	Eng	0407005496	12-31-2013
Rinker Design Associates, P.C.	02270627	Corporation	Active	301 Concourse Blvd, Ste 120 Glen Allen, VA 23059	Eng	0410000220	02-28-2014
Rinker Design Associates, P.C.	02270627	Corporation	Active	9300 West Courthouse Rd Ste 300 Manassas, VA 22110	Eng, LS	0405000502	12-31-2013
DMY Engineering Consultants, Inc.	S3134972	LLC	Active	45662 Terminal Drive Suite 110 Dulles, VA 20166	Eng	0407005631	12-31-2013
Quinn Consulting Services Incorporate	04925517	Corporation	Active	4607 Marble Rock Court Chantilly, VA 20151	Eng	0407003733	12-31-2013

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

EXPIRES ON

12-31-2012

NUMBER

2701 009872A

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

**BOARD FOR CONTRACTORS
CLASS A CONTRACTORS LICENSE**

AMERICAN INFRASTRUCTURE - VA INC

44209 WADE DRIVE

CHANTILLY VA 20152

***CLASSIFICATIONS* H/H**

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

**BOARD FOR CONTRACTORS - CLASS A
CONTRACTOR LICENSE - CLASSIFICATIONS: H/H**



NUMBER: 2701 009872A EXPIRES: 12-31-2012
AMERICAN INFRASTRUCTURE-VA INC

44209 WADE DRIVE



Gordon N. Dixon
Gordon N. Dixon, Director

(DETACH HERE)

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
9960 Mayland Dr., Suite 400, Richmond, VA 23233**

ALTERATION OF THIS DOCUMENT AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
12-31-2013

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER
0407005496

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
BUSINESS ENTITY REGISTRATION

PROFESSIONS: ENG

TRIPLETT-KING & ASSOCIATES, INC.
P.O. BOX 70
ROCK HILL, SC 29731



Gordon N. Dixon
Gordon N. Dixon, Director

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COMMONWEALTH OF VIRGINIA

BOARD FOR APELSCIDLA
BUSINESS ENTITY REGISTRATION
NUMBER: 0407005496 EXPIRES: 12-31-2013
PROFESSIONS: ENG
TRIPLETT-KING & ASSOCIATES, INC.
P.O. BOX 70
ROCK HILL, SC 29731



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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
9960 Mayland Dr., Suite 400, Richmond, VA 23233

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**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON

02-28-2014

NUMBER

0410000220

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
PROFESSIONAL CORPORATION BRANCH OFFICE REGISTRATION

PROFESSIONS: ENG

RINKER DESIGN ASSOCIATES PC
301 CONCOURSE BLVD, STE 120
GLEN ALLEN, VA 23059



Gordon N. Dixon
Gordon N. Dixon, Director

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

**EXPIRES ON
12-31-2013**

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04050000502**

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

**BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
PROFESSIONAL CORPORATION REGISTRATION**

PROFESSIONS: ENG, LS

**RINKER DESIGN ASSOCIATES PC
9300 WEST COURTHOUSE RD
STE 300
MANASSAS, VA 22110**



Gordon N. Dixon
Gordon N. Dixon, Director

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

**EXPIRES ON
12-31-2013**

**NUMBER
0407005631**

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 387-8500

**BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
BUSINESS ENTITY REGISTRATION**

PROFESSIONS: ENG

**DMY ENGINEERING CONSULTANTS, LLC
45662 TERMINAL DRIVE
SUITE 110
DULLES, VA 20166**



Gordon N. Dixon
Gordon N. Dixon, Director

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BOARD FOR APELSCIDLA
BUSINESS ENTITY REGISTRATION
NUMBER: 0407005631 EXPIRES: 12-31-2013
PROFESSIONS: ENG
DMY ENGINEERING CONSULTANTS, LLC
45662 TERMINAL DRIVE
SUITE 110
DULLES, VA 20166



DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
9960 Mayland Dr., Suite 400, Richmond, VA 23233

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**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

**EXPIRES ON
12-31-2013**

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

**NUMBER
0407003733**

**BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
BUSINESS ENTITY REGISTRATION**

PROFESSIONS: ENG

**QUINN CONSULTING SERVICES INC
4607 MARBLE ROCK COURT
CHANTILLY, VA 20151**



Gordon N. Dixon
Gordon N. Dixon, Director

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(POCKET CARD)

**COMMONWEALTH OF VIRGINIA
BOARD FOR APELSCIDLA
BUSINESS ENTITY REGISTRATION
NUMBER: 0407003733 EXPIRES: 12-31-2013
PROFESSIONS: ENG
QUINN CONSULTING SERVICES INC
4607 MARBLE ROCK COURT
CHANTILLY, VA 20151**



(DETACH HERE)

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
9960 Mayland Dr., Suite 400, Richmond, VA 23233**

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Commonwealth of Virginia
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Virg

CISM0180

CORPORATE DATA INQUIRY

08/21/12

11:59:47

CORP ID: 0113780 - 1 STATUS: 00 ACTIVE STATUS DATE: 11/03/08
 CORP NAME: American Infrastructure-VA, Inc.

DATE OF CERTIFICATE: 10/06/1967 PERIOD OF DURATION: INDUSTRY CODE: 00
 STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK
 MERGER IND: CONVERSION/DOMESTICATION IND:
 GOOD STANDING IND: Y MONITOR INDICATOR:
 CHARTER FEE: MON NO: MON STATUS: MONITOR DTE:
 R/A NAME: CT CORPORATION SYSTEM

STREET: 4701 COX RD STE 301 AR RTN MAIL:

CITY: GLEN ALLEN STATE : VA ZIP: 23060 6802
 R/A STATUS: 5 B.E. AUTH IN VI EFF. DATE: 01/05/04 LOC : 143
 ACCEPTED AR#: 211 16 3675 DATE: 09/20/11 HENRICO COUNTY
 CURRENT AR#: 211 16 3675 DATE: 09/20/11 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
12	670.00				670.00	100,000

 (Screen Id:/Corp_Data_Inquiry)



Commonwealth of Virginia
State Corporation Commission

Virg

CISM0180

CORPORATE DATA INQUIRY

08/21/12

12:05:46

CORP ID: F179473 - 6 STATUS: 00 ACTIVE STATUS DATE: 08/16/11
CORP NAME: Triplett-King & Associates, Inc.

DATE OF CERTIFICATE: 06/25/2009 PERIOD OF DURATION: INDUSTRY CODE: 00
STATE OF INCORPORATION: SC SOUTH CAROLINA STOCK INDICATOR: S STOCK
MERGER IND: CONVERSION/DOMESTICATION IND:
GOOD STANDING IND: Y MONITOR INDICATOR:
CHARTER FEE: 200.00 MON NO: MON STATUS: MONITOR DTE:
R/A NAME: JOHN BAREFOOT

STREET: 12230 FRAMAR DR

AR RTN MAIL:

CITY: MIDLOTHIAN

STATE : VA ZIP: 23113

R/A STATUS: 2 OFFICER

EFF. DATE: 06/25/09 LOC : 120

ACCEPTED AR#: 212 52 2024 DATE: 06/13/12

CHESTERFIELD CO

CURRENT AR#: 212 52 2024 DATE: 06/13/12 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
12	670.00					100,000

(Screen Id:/Corp_Data_Inquiry)



CISM0180

CORPORATE DATA INQUIRY

08/21/12

12:04:54

CORP ID: 0227062 - 7 STATUS: 00 ACTIVE STATUS DATE: 04/22/91
 CORP NAME: Rinker Design Associates, P.C.

DATE OF CERTIFICATE: 02/24/1982 PERIOD OF DURATION: INDUSTRY CODE: 70
 STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK
 MERGER IND: CONVERSION/DOMESTICATION IND:
 GOOD STANDING IND: Y MONITOR INDICATOR:
 CHARTER FEE: MON NO: MON STATUS: MONITOR DTE:
 R/A NAME: JOHN S WISIACKAS

STREET: ODIN FELDMAN & PITTLEMAN AR RTN MAIL:
 9302 LEE HWY STE 1100
 CITY: FAIRFAX STATE : VA ZIP: 22031 6054
 R/A STATUS: 4 ATTORNEY EFF. DATE: 08/28/03 LOC : 129
 ACCEPTED AR#: 212 01 8537 DATE: 01/05/12 FAIRFAX COUNTY
 CURRENT AR#: 212 01 8537 DATE: 01/05/12 STATUS: A ASSESSMENT INDICATOR: 0
 YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES
 12 190.00 20,000

(Screen Id:/Corp_Data_Inquiry)



Commonwealth of Virginia
State Corporation Commission



08/21/12

LLCM3220

LLC DATA INQUIRY

12:47:24

LLC ID: S313497 - 2 STATUS: 00 ACTIVE STATUS DATE: 01/11/10

LLC NAME: DMY Engineering Consultants, LLC

DATE OF FILING: 01/11/2010 PERIOD OF DURATION: INDUSTRY CODE: 00

STATE OF FILING: VA VIRGINIA MERGER INDICATOR:

CONVERSION/DOMESTICATION INDICATOR:

P R I N C I P A L O F F I C E A D D R E S S

STREET: 45662 TERMINAL DR STE 110

CITY: DULLES STATE: VA ZIP: 20166-0000

R E G I S T E R E D A G E N T I N F O R M A T I O N

R/A NAME: WEIYI MA

STREET: 45662 TERMINAL DRIVE

SUITE 110

RTN MAIL:

CITY: DULLES STATE: VA ZIP: 20166-0000

R/A STATUS: 1 MEMBER/MANAGER EFF DATE: 06/23/11 LOC: 153 LOUDOUN COUNTY

YEAR FEES PENALTY INTEREST BALANCE

12 50.00

(Screen Id:/LLC_Data_Inquiry)



Commonwealth of Virginia
State Corporation Commission

Virg

CISM0180

CORPORATE DATA INQUIRY

08/21/12

12:48:49

CORP ID: 0492551 - 7 STATUS: 00 ACTIVE STATUS DATE: 12/01/08
 CORP NAME: **QUINN CONSULTING SERVICES INCORPORATED**

DATE OF CERTIFICATE: 10/24/1997 PERIOD OF DURATION: INDUSTRY CODE: 00
 STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK
 MERGER IND: S SURVIVOR CONVERSION/DOMESTICATION IND:
 GOOD STANDING IND: Y MONITOR INDICATOR:
 CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:
 R/A NAME: JOHN H QUINN JR

STREET: 2208 S KNOLL ST AR RTN MAIL:

CITY: ARLINGTON STATE : VA ZIP: 22202 2134
 R/A STATUS: 4 ATTORNEY EFF. DATE: 10/24/97 LOC : 106
 ACCEPTED AR#: 211 15 3803 DATE: 08/29/11 ARLINGTON COUNT
 CURRENT AR#: 211 15 3803 DATE: 08/29/11 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
12	100.00				100.00	5,000

 (Screen Id:/Corp_Data_Inquiry)

ATTACHMENT 4.2.6(a)

LEAD CONTRACTOR - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design.	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: Airport Connector Road Location: Henrico County, VA	Name: Dewberry	Name of Client./ Owner: Transurban Project Manager: Rich Prezioso Phone: (804) 822-3460 Email: rprezioso@transurban.com	May 2011	March 2011	\$38,523	\$39,446 Bridge \$8,670	\$39,446

h. Narrative describing the Work Performed by the Firm identified as the Lead Contractor for this procurement. If the Offeror chooses to submit work completed by an affiliated or subsidiary company of the Lead Contractor, identify the full legal name of the affiliate or subsidiary and the role they will have on this Project, so the relevancy of that work can be considered accordingly.

PROJECT DELIVERY METHOD: Design-Build

ACHIEVEMENTS:

- 2010 Engineering Excellence Award (*F&R, Geotechnical*)
- DBIA Design-Build Merit Award for Transportation (*2011*)
- Overall rating of "Extremely Satisfied" on American Infrastructure Customer Survey (*2010*)
- Worked a total of 152,546 man-hours on this project and completed the project with zero incidents



Construction of 800' long, 35' tall 4-sided MSE wall between two bridges

PROJECT DESCRIPTION:

Richmond Airport Connector Road was a lump sum, design-build project where the AI Team was fully responsible for design and construction in collaboration with AI-VA's lead design partner, Dewberry. The project consists of approximately 1.6 miles (2.58 km) of four-lane roadway that provides motorists with direct access to the Richmond International Airport from Route 895. Major quantities include: 422,737 CY of import, 16,541 LF of Storm Drainage, 111,511 SF of MSE Walls, 3 New Bridges (one crossing over existing 895 toll road), 1 Bridge Widening, 4 Box Culvert extensions, and 133,507 TN of Stone Base and Paving. **The total bridge value on the project was \$8.67M.** This project required advanced planning and design creativity from the AI Team to ensure its success. Schedule milestones were set to allow the Project Team to manage Critical Path items and track goal progress on a daily basis. The team realized early on in the project that settlement periods would affect the critical path and adjusted the work schedule accordingly. The AI Team coordinated work with adjacent property owners and planned the project to minimize impacts to the environmentally sensitive site and surrounding wetlands.

AI worked together with key stakeholders to provide innovative Value Engineering solutions, including adjusting the roadway alignment to reduce overall excavation, altering the stormwater management design for ease of constructability, and shortening the length of the bridges to reduce future maintenance costs. The AI Team also used innovative solutions for ground improvements and soils management including lime stabilization and geotextile fabrics. The AI Team is responsible for fully managing the QA and QC aspects of this project and is very familiar with the QA & QC procedures that VDOT requires on their projects.

LESSONS LEARNED/KEYS TO SUCCESS:

- **Communication** – Open Communication between AI, Dewberry, VDOT and Transurban reduces the need for rework on design changes and allows the project team to know the Owner's goals before starting the work.
- **Partnering** – Formal Partnering between Contractor and Owner, which includes a set schedule, set project goals, and a dispute resolution process all managed by third party FMI.
- **Preplanning** – Early coordination and approvals from third parties such as CSX, Henrico County, Dominion Power, and the Richmond Airport



Aerial View of the entire project.



Construction of straight MSE wall for bridge abutment

RELEVANT PROJECT EXPERIENCE FOR CONFORMANCE TO VDOT CRITERIA:

- ✓ Bridge Structure Construction Project
- ✓ Bridge Construction Value of \$5M or greater
- ✓ Completed within the last 15 Years
- ✓ Design-Build Project

ATTACHMENT 4.2.6(a)

LEAD CONTRACTOR - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design.	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: Mulligan Road Phase I, Fort Belvoir Location: Alexandria / Fairfax County	Name: HDR Engineering	Name of Client./ Owner: Federal Highways Administration, Eastern Federal Lands Phone: (703) 285-0137 Project Manager: Douglas Nair Phone: (703) 285-0137 Email: douglas.nair@fhwa.dot.gov	July 2010	Dec 2010	\$ 11,917	\$13,789 Bridge \$5,250	\$13,789

h. Narrative describing the Work Performed by the Firm identified as the Lead Contractor for this procurement. If the Offeror chooses to submit work completed by an affiliated or subsidiary company of the Lead Contractor, identify the full legal name of the affiliate or subsidiary and the role they will have on this Project, so the relevancy of that work can be considered accordingly.

PROJECT DELIVERY METHOD: *Design Bid Build*

PROJECT DESCRIPTION:

Construction of 1.62 miles of new 4 lane commuter connector roadway through Fort Belvoir required detailed MOT for one of the busiest roadways in the DC area (Telegraph Road). Scope included 38 Acres of clearing; E&S Controls with 500 TN of class 1 Riprap installed; 250,000 CY of mass excavation; installation of drainage systems including several types of U-drain systems from Spring boxes to UD-4 totaling over 12,000 lf; two bridges with main spans over 150 lf long that required the erection of over 600,000 lbs of steel; 24", 18", and 12" concrete pile driving operations; and a major bypass of a sanitary main line to allow for the removal and relocation of the encased sanitary lines. This project successful utilized an advanced robotic grading system to place over 30,000 TN of subbase material on grade. AI's project team was able to keep the project on schedule through difficult winter conditions while minimizing impact to 12 adjacent environmental conservation areas. This Project was completed with an exemplary safety record.

AI provided QA/QC services with support from an external testing firm (CTI).

The project scope included four bridges with \$5.25M of bridge structure construction.

RELEVANT PROJECT EXPERIENCE FOR CONFORMANCE TO VDOT CRITERIA:

- ✓ Bridge Structure Construction Project
- ✓ Bridge Construction Value of \$5M or greater
- ✓ Completed within the last 15 Years
- ✓ Design-Build Project

LESSONS LEARNED/KEYS TO SUCCESS:

- **Communication** - Communication and early involvement of FHWA in our operation planning was a key to addressing any potential issues prior to starting an operation. Prior to the start of any major work operation, we held coordination meetings with FHWA to discuss our planned means and methods, the specifications, and their expectations. This prevented potential delays in planned operations by making sure everyone was involved in the plan.
- **Coordination** – With several major work operations subcontracted (piles and bridges), subcontractor coordination was critical to our success on this project. Preconstruction meetings were held with the owner prior to a new subcontractor starting work on the site to make certain we were all aligned on progressing work in a manner that was for the overall success of the project. Weekly subcontractor coordination meetings were held to review work progress, upcoming work, quality control, and safety.
- **Quality Control** – Daily quality control checks were conducted in the field with subcontractors to make certain work was proceeding according to specifications.



ATTACHMENT 4.2.6(a)

LEAD CONTRACTOR - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design.	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: Route 29 Approaches and Bridge over the Tye River Location: Amherst, VA	Name: Dewberry	Name of Client./ Owner: VDOT Lynchburg District Project Manager: Todd Boling Phone: (434) 856-8255 Email: todd.bolling@vdot.virigina.gov	September 2012	April 2012	\$6,670	\$6,818 Bridge \$5,240	\$6,818

h. Narrative describing the Work Performed by the Firm identified as the Lead Contractor for this procurement. If the Offeror chooses to submit work completed by an affiliated or subsidiary company of the Lead Contractor, identify the full legal name of the affiliate or subsidiary and the role they will have on this Project, so the relevancy of that work can be considered accordingly.

PROJECT DELIVERY METHOD: Design-Build

PROJECT DESCRIPTION:

The Project is located on the Route 29 North bound bridge near Charlottesville at the Amherst/Nelson County Line, Virginia. The purpose of this project was to replace the existing structurally deficient bridge with a new two lane bridge, along with reconstruction of the approaches on both ends of the structure. The elevation of the roadway profile was also to increase to match that of the existing South Bound Lanes Bridge. The length of the project is approximately 0.4 miles begin approximately 650 feet from the south end of the existing NBL bridge and end approximately 900 feet from the north end of the existing NBL bridge.

The project consists of complete demolition and removal of the existing NBL bridge and replacement with a 650' long, 5 Span, two lane bridge that is approximately 55' high over the Tye River. The project includes the construction and maintenance of a temporary detour to switch all traffic to the SB Bridge; Construction and maintenance of a causeway for access across the river; driving of 12x63 steel piles, rock excavation; construction of two foundations and piers in the river; erection of 77" concrete Bulb-T's weighing approximately 65 tons each; placement of approx. 2,100 CY of concrete, placement of approx 344,000 lbs of reinforcing steel; approx. 7,000 CY of import; and the placement of approx. 4,600 tons of asphalt. **The project scope included \$5.24M of bridge structure construction.**

LESSONS LEARNED/KEYS TO SUCCESS:

- **Planning** - Advance planning played a key role in meeting project goals. The milestones set by the Project Team were used to perform daily schedule management.
- **Design Creativity** - Project challenges included an environmentally sensitive site and the potential for impacts to surrounding wetlands. Flexible, creative design was the key to minimizing impacts to these areas.



RELEVANT PROJECT EXPERIENCE FOR CONFORMANCE TO VDOT CRITERIA:

- ✓ Bridge Structure Construction Project
- ✓ Completed within the last 15 Years
- ✓ Design-Build Project

ATTACHMENT 4.2.6(b)

LEAD DESIGNER - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement.(in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: US 21 Bridge Replacement over the Catawba River Location: York County, SC	Name: Rea Contracting	Name of Client.: SCDOT Phone: 855-467-2368 Project Manager: Brian Klauk, PE Phone: 803-737-5051 Email: klaukbd@scdot.org	November 2012	November 2012	\$20,800	\$16,300 Bridge-\$9,500	\$1,700

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant.

Triplett-King served as the prime designer for this project and was responsible for managing all subconsultants for bridge hydrology/hydraulic design, roadway design, environmental documents and permitting, surveying, geotechnical exploration, and utility coordination from their Rock Hill, SC office. The new 5 lane bridge consists of eight spans of 125' each, for a total bridge length of 1,000'. The new bridge utilizes 74" pre-stressed concrete, bulb-tee beams supported on concrete drilled shaft and rock socket foundations to replace the existing structural steel bridge and includes bicycle lanes, sidewalks and aesthetic features with barrier walls and lighting. As part of the scope of services for the conceptual and preliminary design phase, TKA performed an alternate alignment and bridge type study to provide SCDOT a matrix and cost comparisons of each alternate while defining: ROW impacts/relocations, traffic staging, utility conflicts, environmental issues, geometric alignments and constructability.

The alternates studied for the alignment were:

Alt 1: Build new bridge upstream (west) on a slight new alignment, requiring a staged construction sequence

Alt 2: Build new bridge upstream (west) on total new alignment - keep traffic on existing bridge until new bridge is completed

Alt 3: Build new bridge downstream (east) on total new alignment – keep traffic on existing bridge until new bridge is completed

Alt 4: Build new bridge downstream (east) on a slight new alignment, requiring a staged construction sequence and removing the existing bridge and utility bridge and combine the new bridge with accommodations for the utility bridge lines

Based on the alternate study, TKA recommended building the bridge on new alignment upstream and maintaining traffic on existing bridge instead of scoping the project as originally planned by DOT for staged construction method. The new alignment alternate showed a savings of \$1.5M to the DOT.

RELEVANT PROJECT EXPERIENCE FOR CONFORMANCE TO VDOT CRITERIA:

- ✓ Bridge Structure Construction Project
- ✓ Bridge Construction Value of \$5M or greater
- ✓ Completed within the last 15 Years



ATTACHMENT 4.2.6(b)

LEAD DESIGNER - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement.(in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: Savannah River Bridge, I-520 Palmetto Parkway, Phase I Location: Aiken County, SC/Augusta, GA	Name: United Contractors, LLC	Name of Client.: SCDOT Phone: 855-467-2368 Project Manager: David Rister, PE Phone: 803-737-1490 Email: ristergd@dot.state.sc.us	June, 2005	June, 2004	\$42,000	\$42,000 Bridge-\$27,000	\$2,400

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant.

The I-520 Bridge over the Savannah River is part of the \$42 million Palmetto Parkway Phase I project in Aiken County, South Carolina. Phase I for the Palmetto Parkway project includes the construction of 4 miles of roadway and 6 bridge structures on a new alignment from Sandbar Ferry Road in Augusta, Georgia to US 1 in Aiken, South Carolina. The project was awarded to the design build team assembled by United Contractors, on which TKA served as the prime designer and provided the structure design management for all of the bridges on the project from their Rock Hill, SC office. As the structure design management entity for the team, TKA was responsible for the coordination between all of the subconsultants for geotechnical, hydrology and bridge design and with the SCDOT Project Manager for submittals and approvals. In addition to design management for the project, TKA was also responsible for producing the design and construction plan details for the bridge over the Savannah River. The bridge over the Savannah River is a 14 span, 1,890' bridge consisting of 74" prestressed concrete bulb-tee beams with spans up to 139'. The bridge superstructure is supported by 20" diameter pipe piles at the end bents and 72" diameter drilled shaft piers with crash wall struts in the navigable channel as required by the vessel impact loading study. The bridge geometry includes two tapers on the bridge deck for acceleration and deceleration lanes in combination with horizontal and vertical curve alignments, all of which added complexity to the seismic design and detailing requirements of the SCDOT's Seismic Design Specifications for Highway Bridges, 2001.

RELEVANT PROJECT EXPERIENCE FOR CONFORMANCE TO VDOT CRITERIA:

- ✓ Bridge Structure Construction Project
- ✓ Bridge Construction Value of \$5M or greater
- ✓ Completed within the last 15 Years
- ✓ Design-Build Project

The design of the structures was on the critical path of the design-build project and therefore required an accelerated schedule of completion in order to meet the construction deadlines. In order to facilitate construction of the bridge over the Savannah River, the substructure plans were developed and approved by the SCDOT to permit drilled shaft installation prior to completion of the final plans. Under the accelerated schedule demands, TKA was able to provide final design and plan details for the bridge over the Savannah River in only 5 months and provided responsive contractor support during construction to ensure that the project was completed ahead of schedule.



ATTACHMENT 4.2.6(b)

LEAD DESIGNER - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement.(in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: Route 288/I-64 Interchange Location: Richmond, VA	Name: United Contractors, LLC	Name of Client.: VDOT Phone: 804-364-6313 Project Manager: Jim Fariss, PE Phone: 804-786-2998 Email: James.Fariss@VDOT.Virginia.gov	November, 2001	March, 2003	\$236,000	\$236,000 Bridge-\$14,600	\$634

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant.

The project was awarded to the design build team assembled by United Contractors, on which TKA served as the prime designer from their Rock Hill, SC office. TKA was responsible for the design of Ramps G & H and design management for Ramp E, all of which are multi-span, horizontally curved, and continuous structural steel bridges at the interchange of Route 288 and I-64. The Route 288/I-64 Interchange is part of the \$236 million design build project in Richmond, Virginia funded through the Public-Private Transportation Act of 1995 (PPTA). The superstructures for the ramps consist of curved structural steel plate girders with spans that range from 211' to 246'. The superstructures for Ramps G & H are supported by hammer-head piers and MSE high wall abutments. The beginning bridge ends for Ramps G & H are supported by a single, shared MSE wall system with the highest portions of the MSE wall system being 70' tall - currently the tallest MSE walls in the Commonwealth of Virginia. Since the project was constructed in the design-build format, two submittals for each structure were required to facilitate construction of the substructures. The separate submittals enabled construction of the substructure components to take place while the final design, plan details, and fabrication for the superstructure components were completed. With an accelerated schedule, the ramps were designed in 10 months and were constructed in 20 months.

- RELEVANT PROJECT EXPERIENCE FOR CONFORMANCE TO VDOT CRITERIA:**
- ✓ Bridge Structure Construction Project
 - ✓ Bridge Construction Value of \$5M or greater
 - ✓ Completed within the last 15 Years
 - ✓ Design-Build Project



FOR LOCATION MAP SEE SHEET 1A
FOR INDEX OF SHEETS SEE SHEET 1B



LIMITED ACCESS HIGHWAY By Resolution of Commonwealth Transportation Board dated 3-21-63.
FHWA 534 DATA 41003

STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
VA.	STP-5A01 (229) (See Tabulation Below For Section Numbers)		(FO) 6007-053-S96 (See Tabulation Below For Section Numbers)	1

THIS PROJECT WAS DEVELOPED UTILIZING THE DEPARTMENT'S ENGINEERING DESIGN PACKAGE (GEOPAK).
GEOPAK Computer Identification No. 99256

PRELIMINARY EASEMENTS FOR UTILITY RELOCATIONS ARE APPROXIMATE ONLY AND SUBJECT TO CHANGES AS PROJECT DESIGN IS FINALIZED

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
LOUDOUN COUNTY
SYCOLIN ROAD OVERPASS
OF ROUTE 7/15 BYPASS IN LEESBURG
FROM: 0.096 Mi NORTH OF HOPE PARKWAY
TO: 0.016 Mi NORTH OF GATEWAY DRIVE

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA		
	SYCOLIN ROAD	RTE. 7/15 BYPASS
	URBAN COLLECTOR, GS-7	URBAN PRINCIPAL ARTERIAL, FREEWAY GS-5
	Fr: Hope Parkway To: Gateway Drive	Fr: GREENWAY To: MARKET ST. INTERCHANGE
ADT (2011)	9,400	59,700
ADT (2040)	14,300	136,650
DHV	1,430	10,950
D (%) (design hour)	10.0%	8.0%
T (%) (design hour)	2.0%	2.5%
V (MPH)	40 MPH	60 MPH
TERRAIN	ROLLING	ROLLING
MIN. VERTICAL CLEARANCE (FT)	16.5 FT	16.5 FT

AI-VA / RDA
Team Concept

PROJECT MANAGER - ARIFUR RAHMAN, P.E. (703) 259-1940
SURVEYED BY - RICE ASSOCIATES, INC. (703) 968-3200
DESIGN SUPERVISED BY - ROBERT G. REED, P.E. (703) 352-7188
DESIGNED BY - PARSONS TRANSPORTATION GROUP, INC. (703) 934-2300

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	---

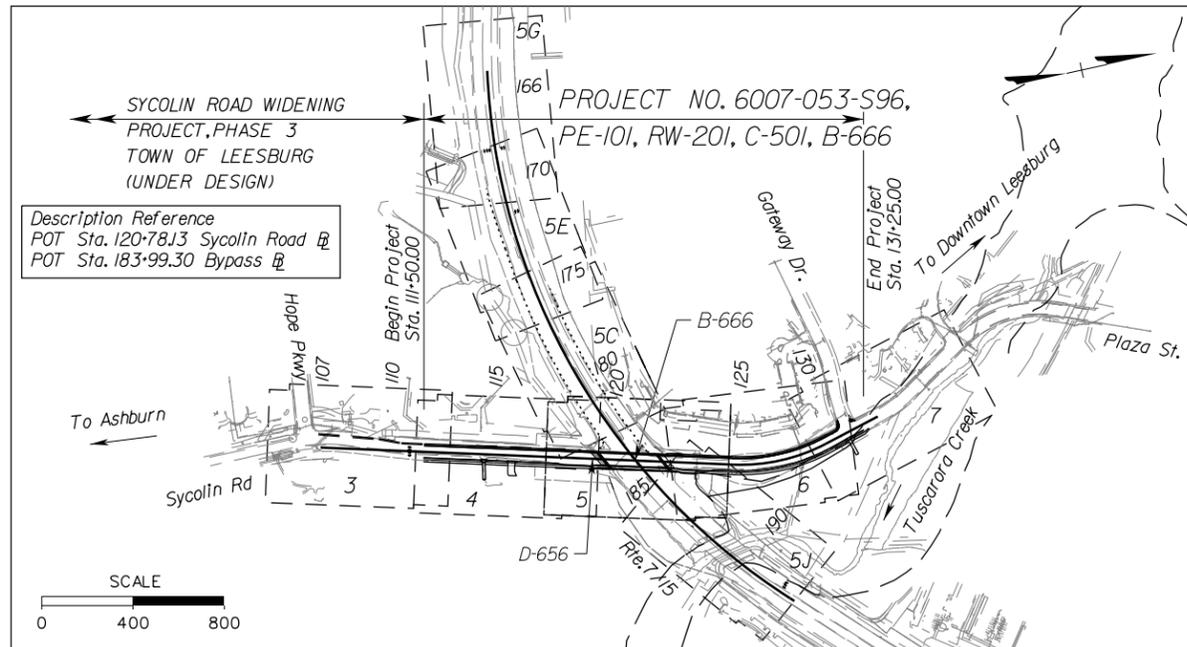
THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY AS AWARDED, HAS BEEN SEALED AND SIGNED USING DIGITAL SIGNATURES AND THE OFFICIAL PLAN ASSEMBLY IN ELECTRONIC FORMAT IS STORED IN THE VDOT CENTRAL OFFICE PLAN LIBRARY, INCLUDING ALL SUBSEQUENT REVISIONS, WILL BE THE OFFICIAL CONSTRUCTION PLANS. 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-5.01U, 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 SCANNED SIGNATURES, IS ILLEGAL AND ENFORCED TO THE FULL EXTENT OF THE LAW.



Population 312,311 (2010 Census)

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	EQUALITIES	LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		BRIDGE PROJECT NO.	TYPE PROJECT	DESCRIPTION	
						FEET	MILES	FEET	MILES				
6007-053-S96	PE-101	STP-5A01 (229)	PENG	99256		1975.00	0.374	1705.33	0.323		PREL. ENGR.	FROM: 0.096 Mi North of Hope Parkway TO: 0.016 Mi North of Gateway Drive	
	RW-201	STP-5A01 ()	ROWA	99256		1975.00	0.374	1705.33	0.323		R/W		
	C-501	STP-5A01 ()	CENG	99256		1975.00	0.374	1705.33	0.323		CONST.		
	B-666	STP-5A01 ()	X271	99256		269.67	0.051			B-666	BRIDGE		Sycolin Rd. Bridge Over RTE. 7/15 Bypass
	D-656	STP-5A01 ()	X048	99256									Culvert

Project Lengths are based on Construction Baselines.

RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION	
DATE	(DESIGN-BUILD FIRM) DESIGN MANAGER
DATE	(DESIGN-BUILD FIRM) PROJECT MANAGER
DATE	VDOT PROJECT MANAGER
DATE	VDOT DISTRICT CONSTRUCTION ENGINEER OR VDOT PPTA PROGRAM MANAGER
APPROVED FOR RIGHT OF WAY ACQUISITION	
DATE	CHIEF OF POLICY AND ENVIRONMENT

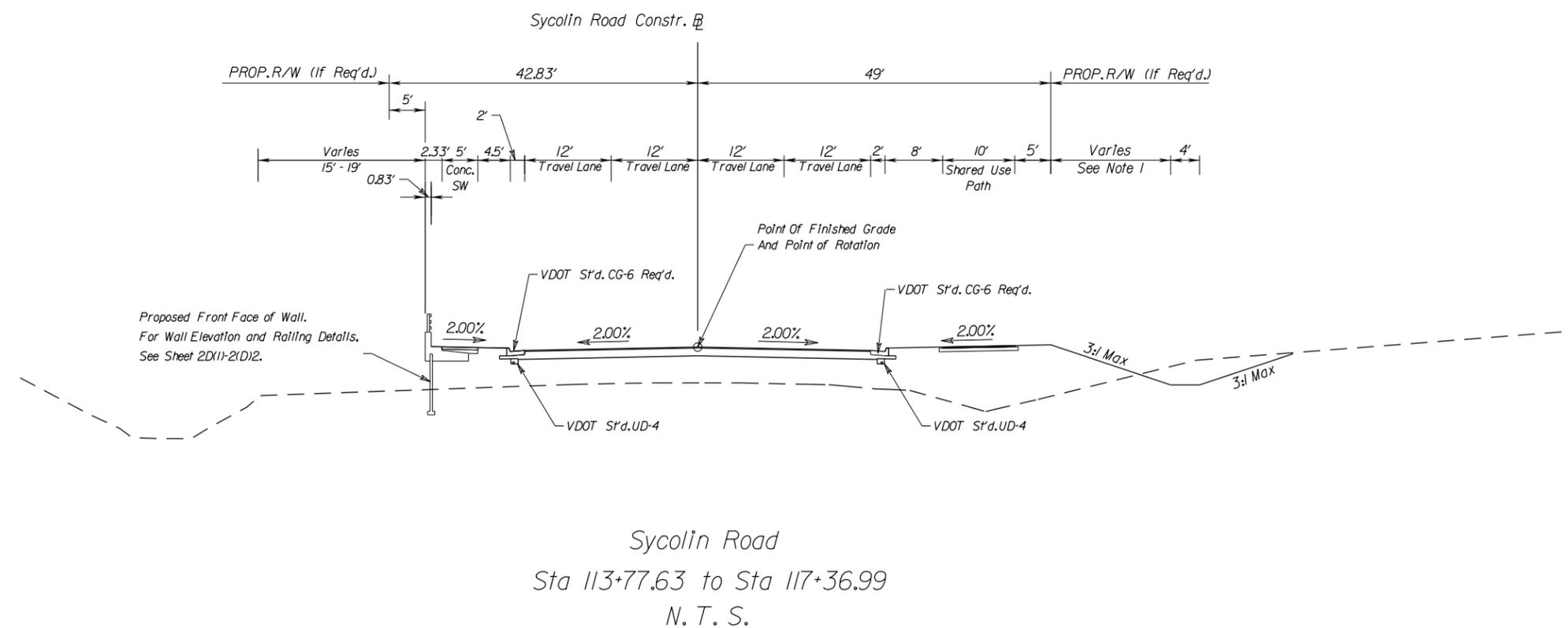
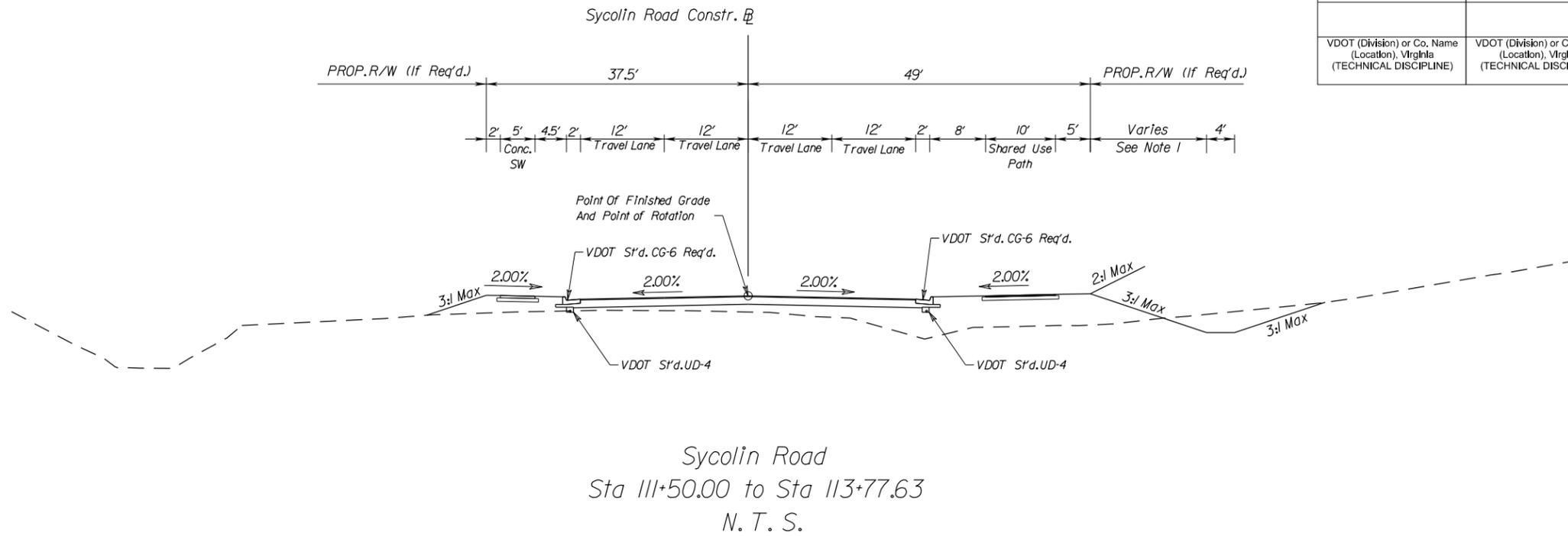
Copyright 2012, Commonwealth of Virginia

TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.		6007-053-S96, RW-201 C-501	2B(1)

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

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)
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AI-VA / RDA
Team Concept

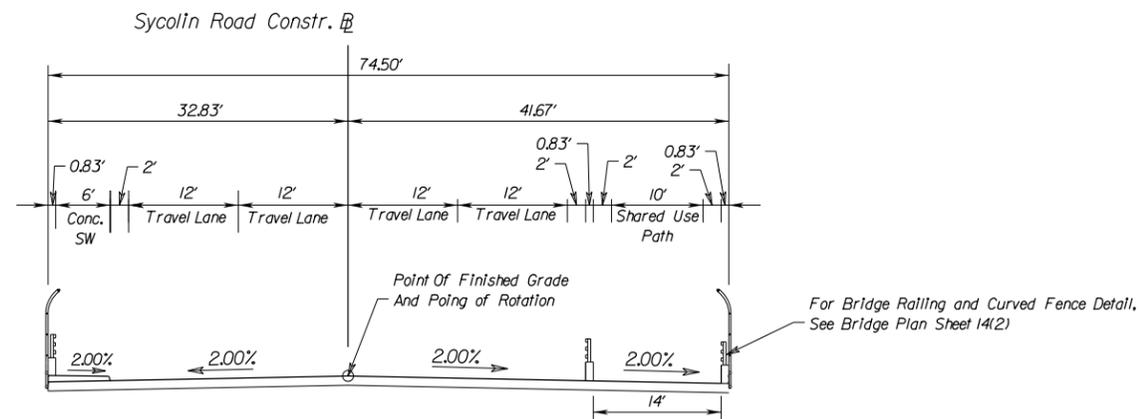
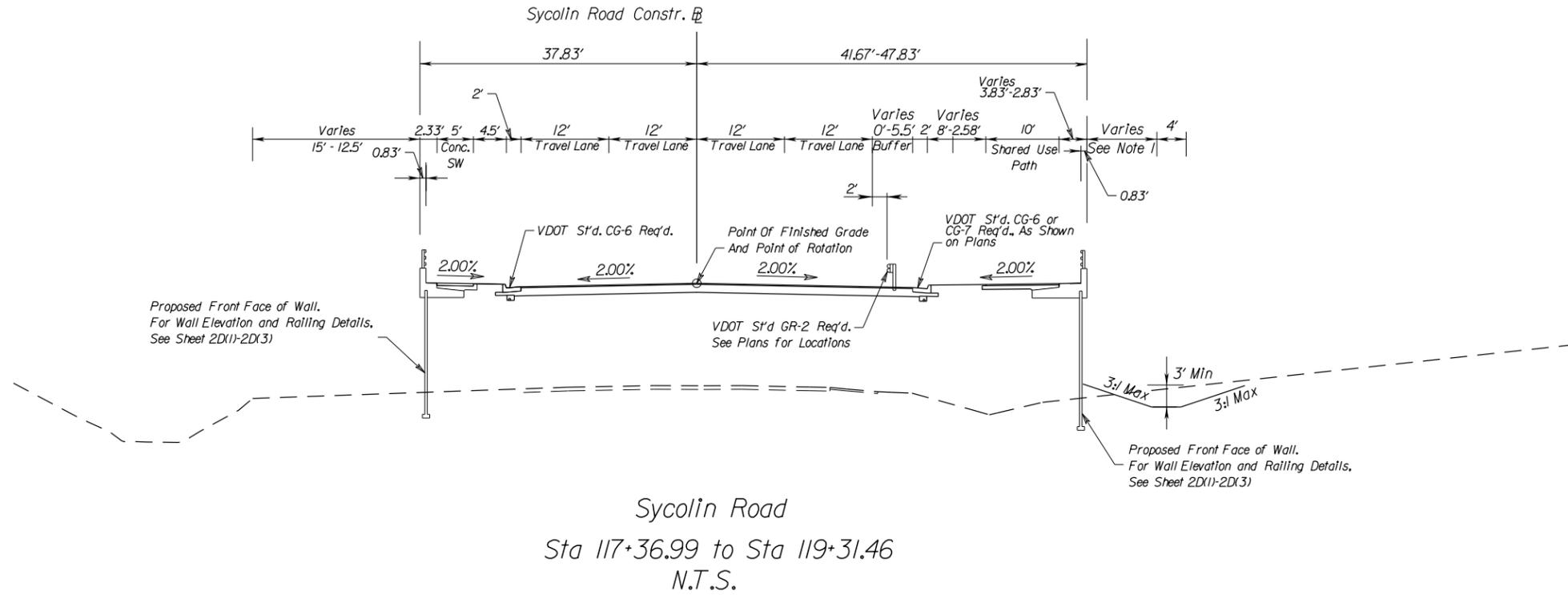
Notes:
1. See Cross Sections For Dimensions.

PROJECT	SHEET NO.
6007-053-S96	2B(1)

PROJECT MANAGER ARIFUR RAHMAN, P. E. (703) 259-1940
 SURVEYED BY RICE ASSOCIATES, INC. (703) 968-3200
 DESIGN SUPERVISED BY ROBERT G. REED, P. E. (703) 352-7188
 DESIGNED BY PARSONS TRANSPORTATION GROUP, INC. (703) 934-2300

TYPICAL SECTIONS

REVISED	STATE	STATE		SHEET NO.
		ROUTE	PROJECT	
	VA.		6007-053-S96, RW-201 C-501	2B(2)
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT				
VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



AI-VA / RDA
 Team Concept

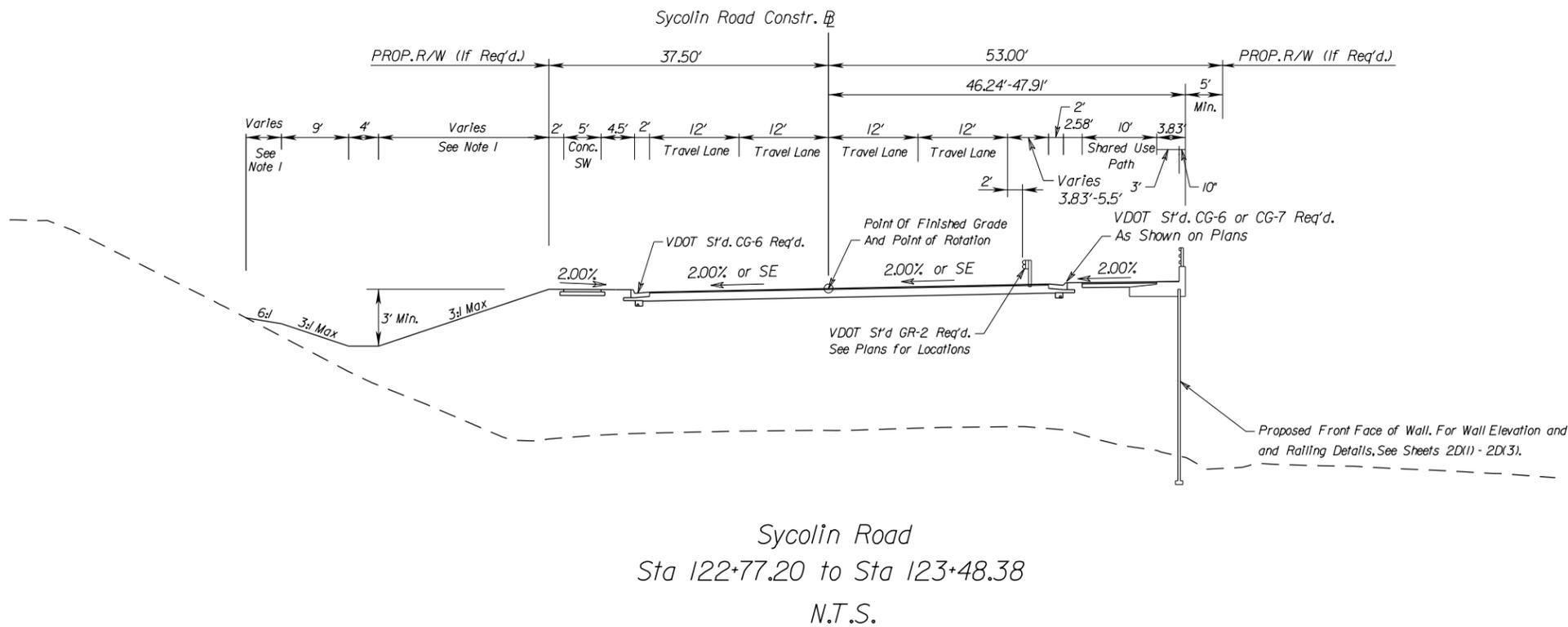
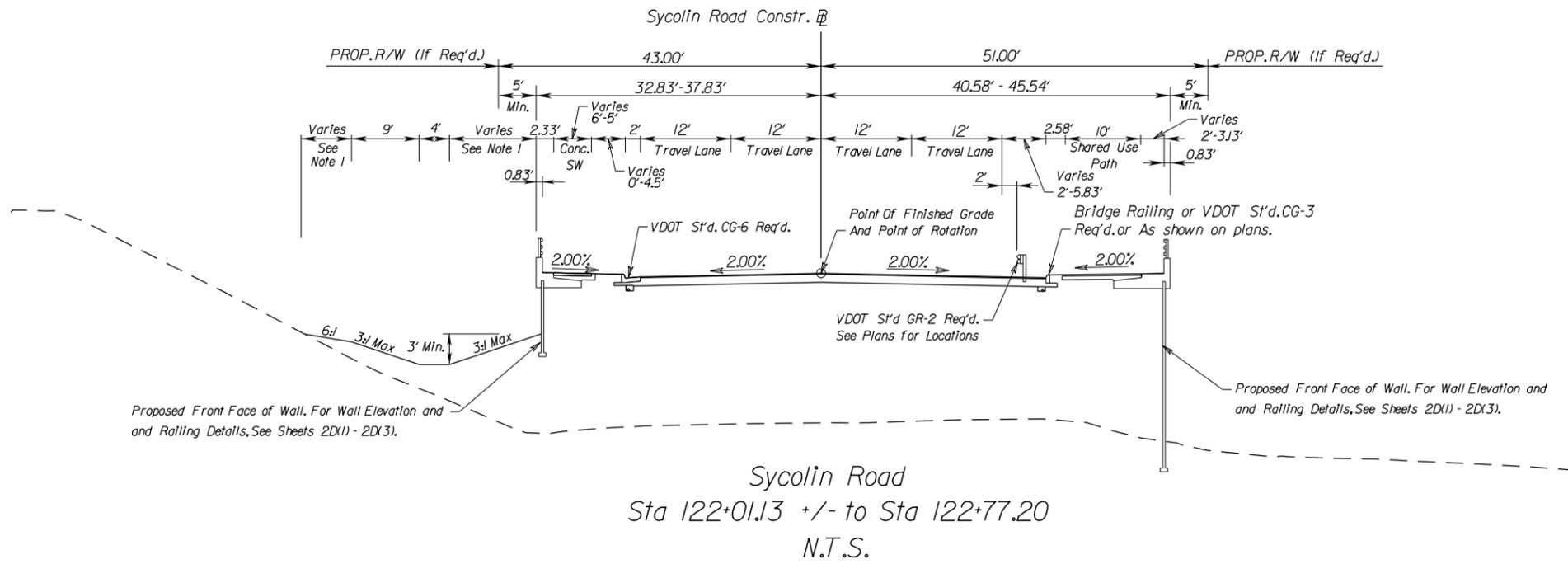
Notes:

1. See Cross Sections For Dimensions.

PROJECT	SHEET NO.
6007-053-S96	2B(2)

TYPICAL SECTIONS

REVISED	STATE	STATE PROJECT		SHEET NO.
		ROUTE	PROJECT	
	VA.		6007-053-S96, RW-201 C-501	2B(3)
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT				
VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		

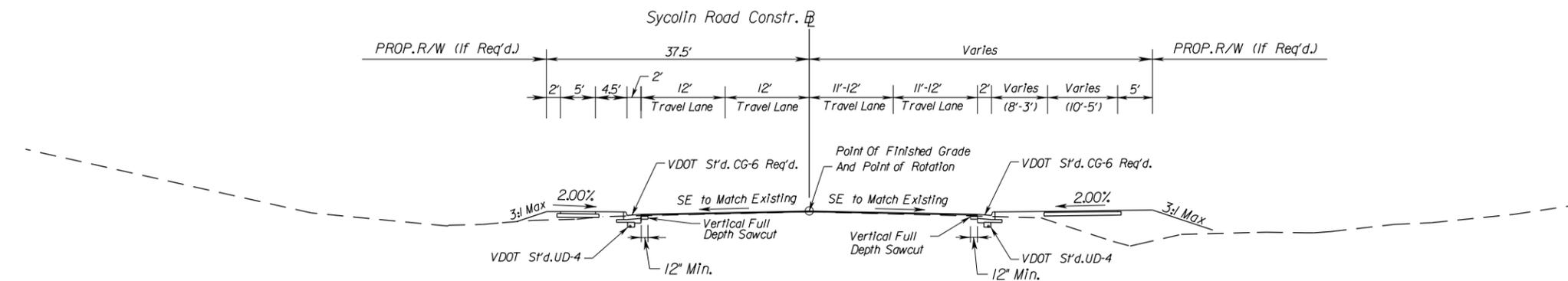
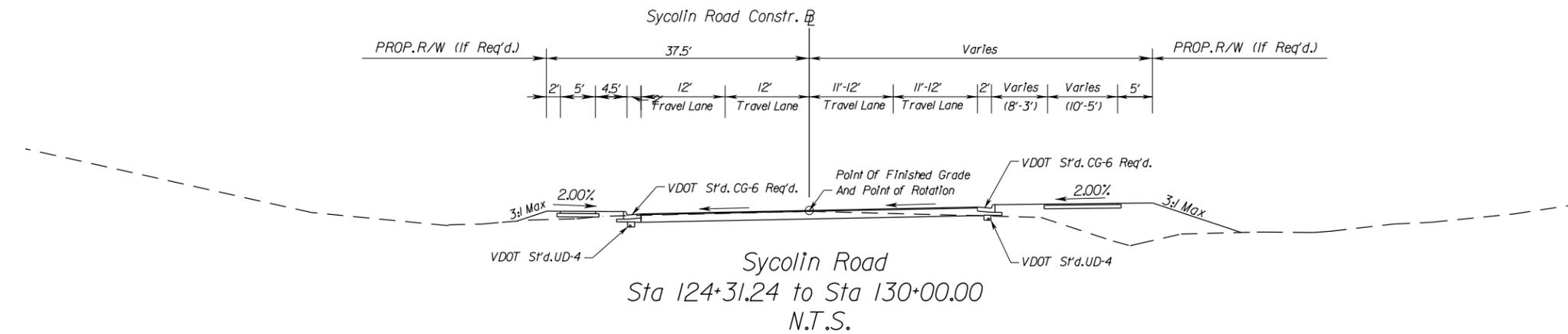
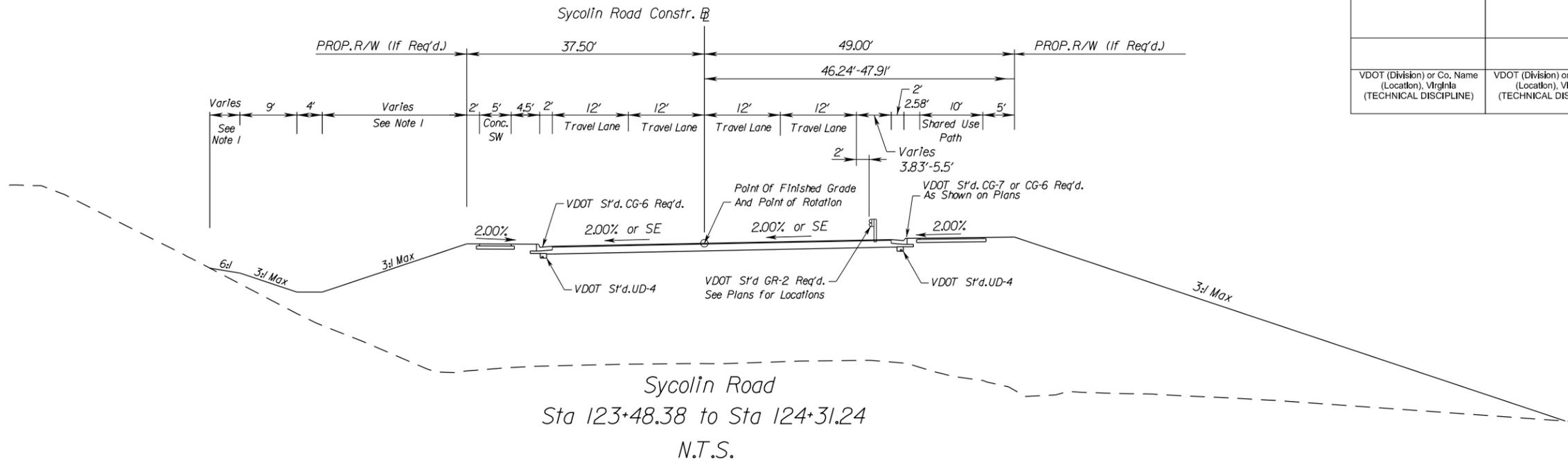


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Notes:
1. See Cross Sections For Dimensions.

TYPICAL SECTIONS

REVISED	STATE	STATE PROJECT		SHEET NO.
		ROUTE	PROJECT	
	VA.		6007-053-S96, RW-201 C-501	2B(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 (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		

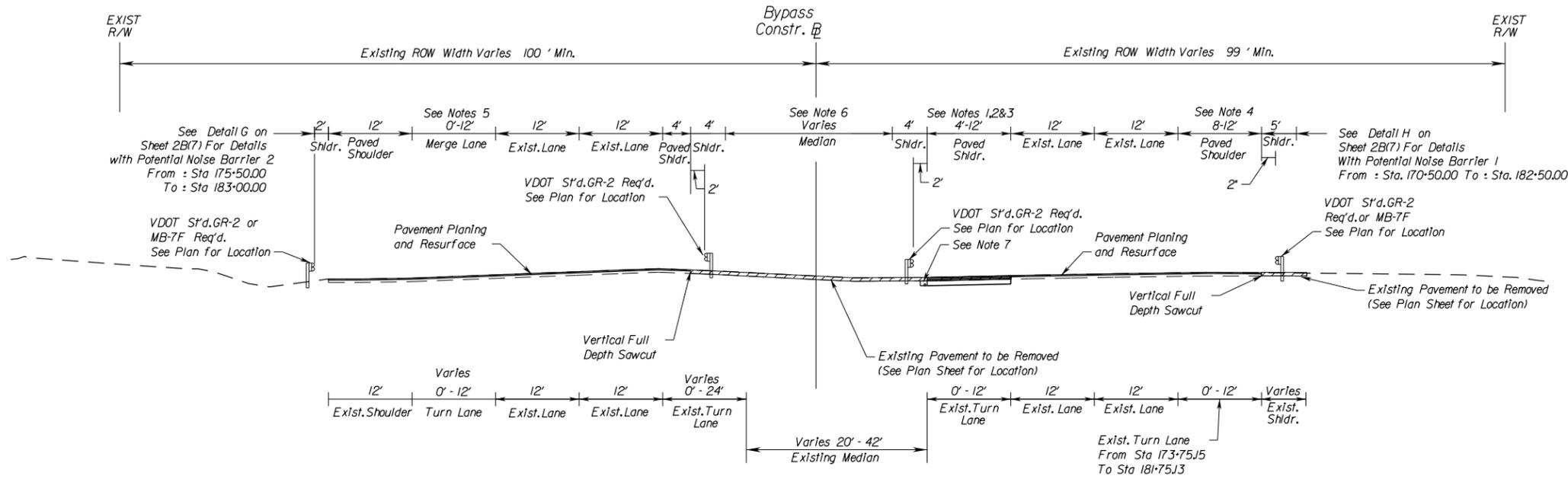


NOTE : 1/2" Pavement Planing and 1/2" Overlay From Sta. 130+00.00 To Sta. 131+25.00

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TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.		6007-053-S96, RW-201 C-501	2B(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 (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		



- Notes :
1. Paved Shoulder width varies from 4 Ft at Sta 181+50.06 to 12 Ft at Sta 183+00.00.
 2. Paved shoulder varies from 12 ft at Sta.185+00.00 to 4 ft at Sta 185+57.86
 3. Remove and replace existing pavement from Sta 182+95.39 to Sta 188+45.49 and provide 5% cross slope.
 4. Paved Shoulder width varies from 12 Ft at Sta 182+92.94 to 11 Ft at Sta 183+10.19
 5. Merge lane varies From Sta 185+53.26 to Sta 188+58.44
 6. For median grading, Remove existing pavement and replace with topsoil, seed/mulch as shown on the cross sections.
 7. Modified UD-1 shall be provided in lieu of standard UD-4 edgedrain for pavement sub-drainage in areas of high groundwater, springs or deep (>15') cuts; the modification consist of wrapping the aggregate with geotextile drainage fabric.

TYPICAL SECTION ALONG RTE 7/15 BYPASS

Sta 169+75.00 to Sta 183+00.00
 Sta 185+69.38 to Sta 188+85.90
 N.T.S.

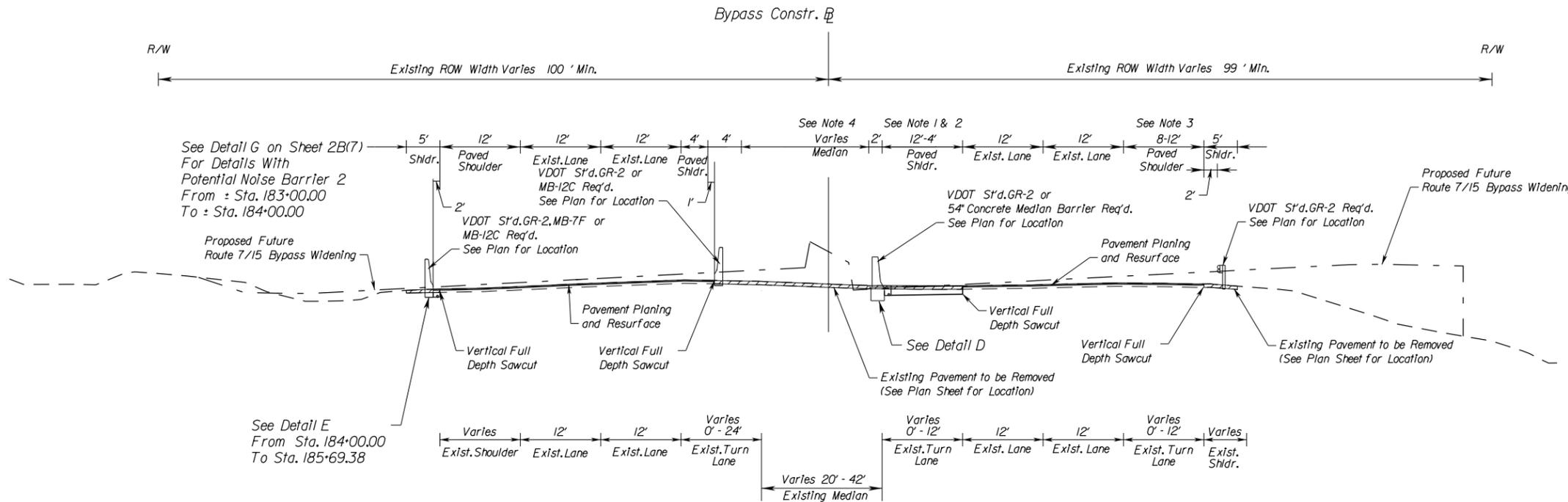
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TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.		6007-053-S96, RW-201 C-501	2B(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 (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		

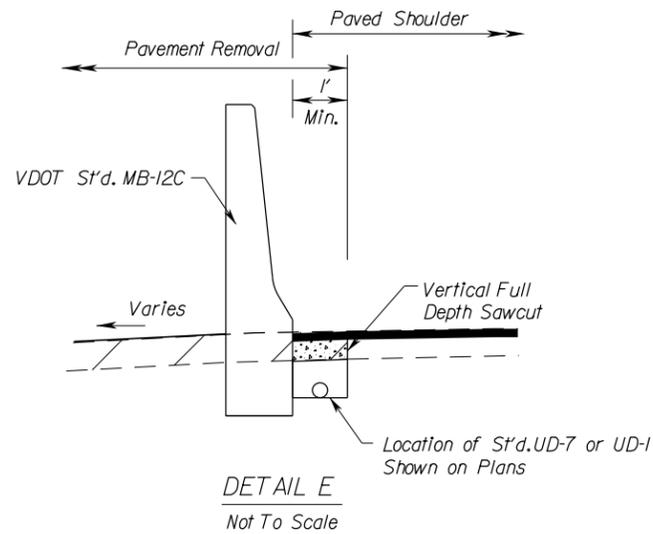
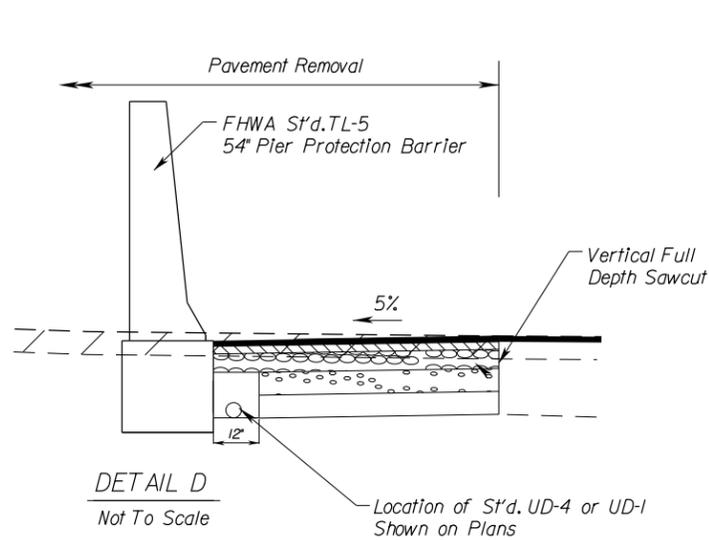
Notes :

1. Paved Shoulder width varies from 12 Ft to 4 Ft at Sta 184+79.28 to Sta 185+64.35
2. Remove and replace existing pavement from Sta 182+95.39 to Sta 188+45.49, provide 5% cross slope.
3. Paved shoulder varies from Sta 183+00.00 to Sta 185+69.38
4. For median grading remove existing pavement and regrade as shown on the cross sections.



TYPICAL SECTION ALONG RTE 7/15 BYPASS
 Sta 183+00.00 to Sta 185+69.38

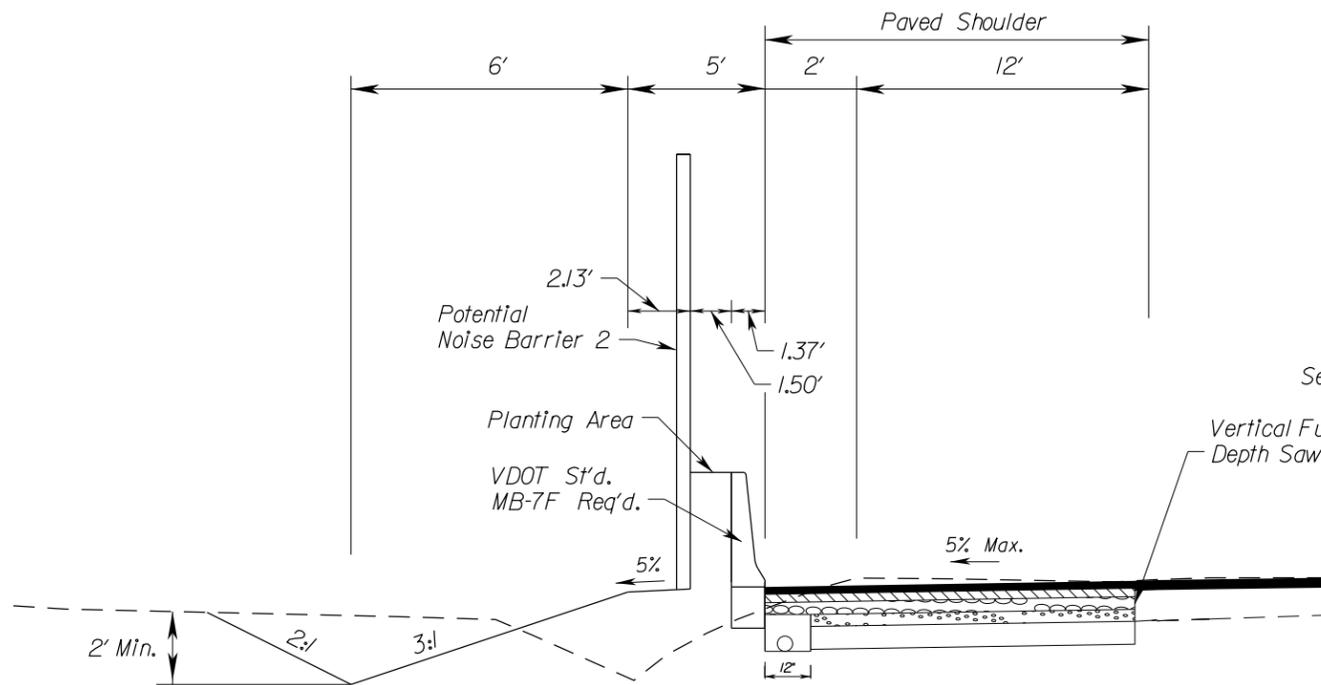
Not To Scale



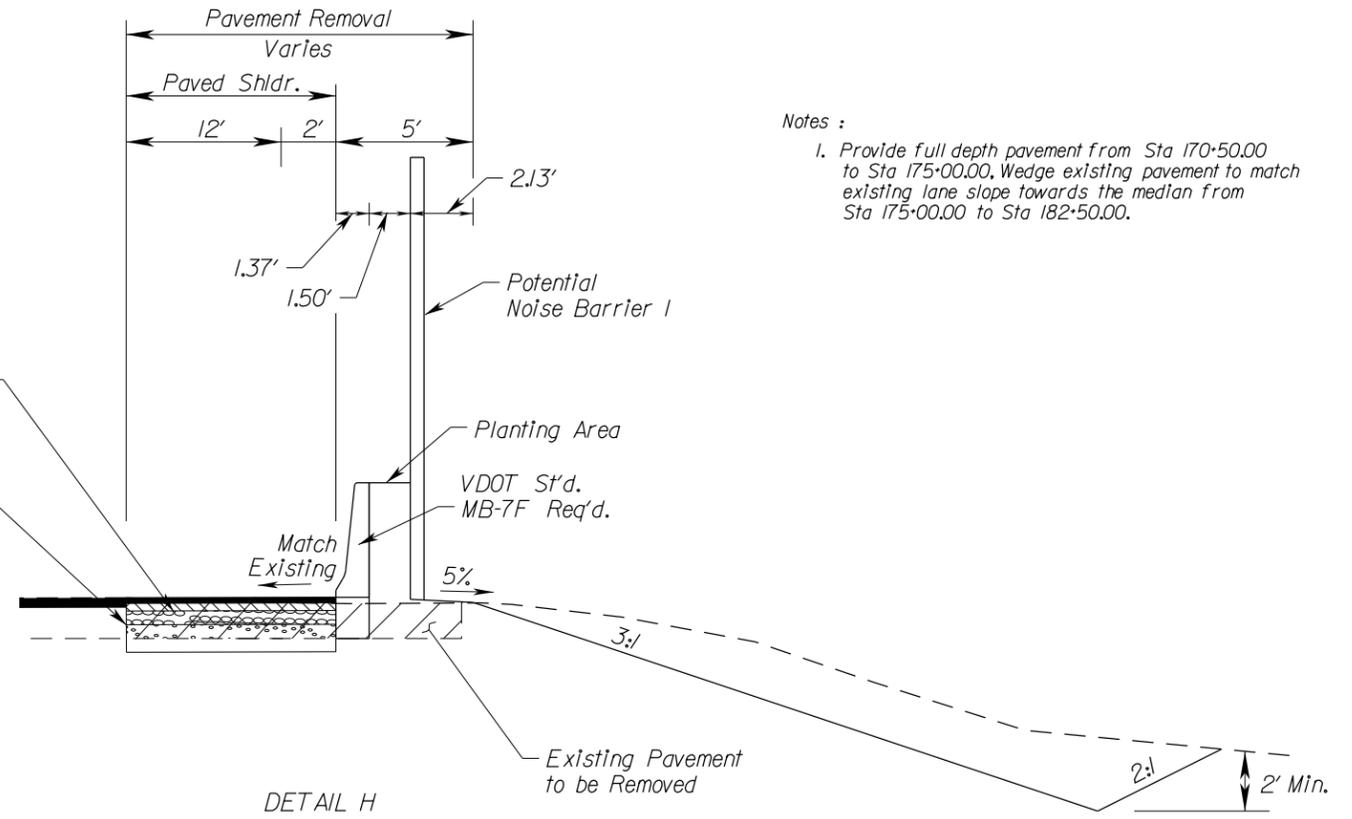
AI-VA / RDA
 Team Concept

TYPICAL SECTIONS

REVISED	STATE	STATE PROJECT		SHEET NO.
		ROUTE	PROJECT	
	VA.		6007-053-S96, RW-201 C-501	2B(7)
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT				
VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		



DETAIL G
Not To Scale



DETAIL H
Not To Scale

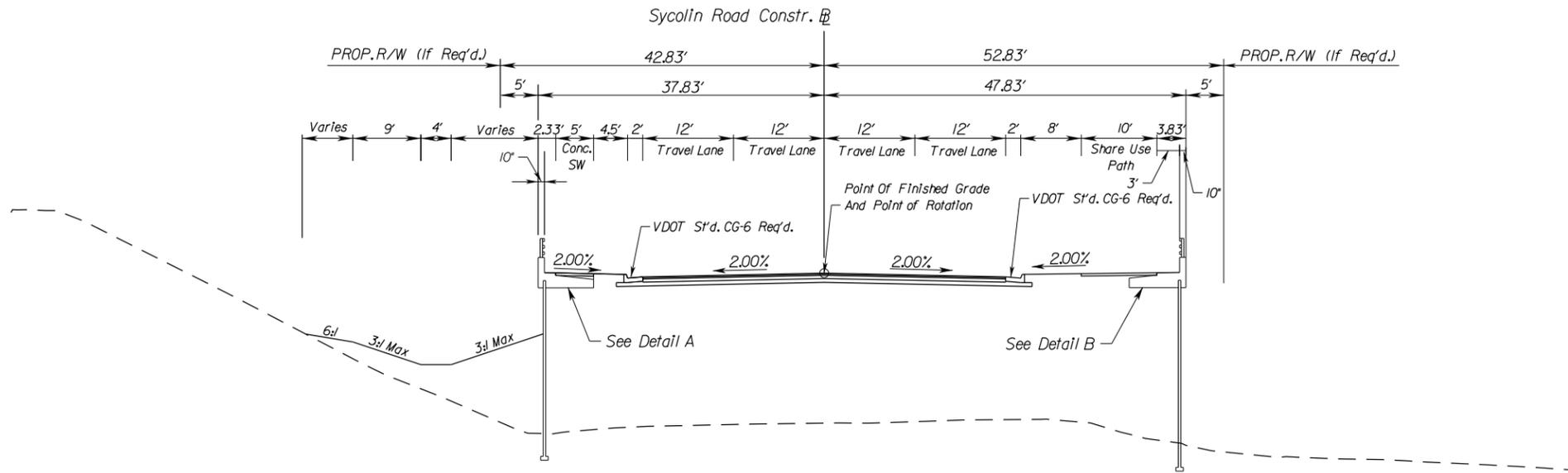
- Notes :
1. Provide full depth pavement from Sta 170+50.00 to Sta 175+00.00, Wedge existing pavement to match existing lane slope towards the median from Sta 175+00.00 to Sta 182+50.00.

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Team Concept

PROJECT MANAGER: ARIFUR RAHMAN, P. E. (703) 259-1940
 SURVEYED BY: RICE ASSOCIATES, INC. (703) 968-3200
 DESIGN SUPERVISED BY: ROBERT G. REED, P. E. (703) 352-7188
 DESIGNED BY: PARSONS TRANSPORTATION GROUP, INC. (703) 934-2300

RETAINING WALL DETAILS

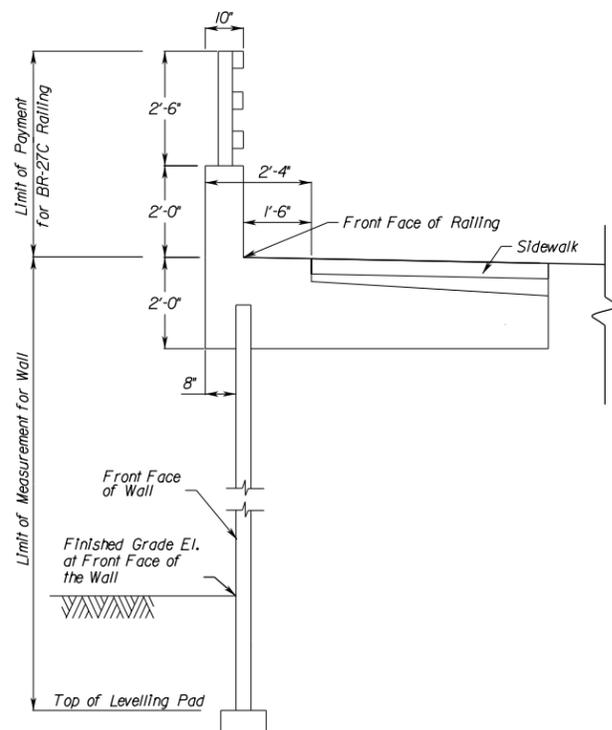
REVISED	STATE	STATE PROJECT		SHEET NO.
		ROUTE	PROJECT	
	VA.		6007-053-S96, RW-201 C-501	2D(1)
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT				
VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		



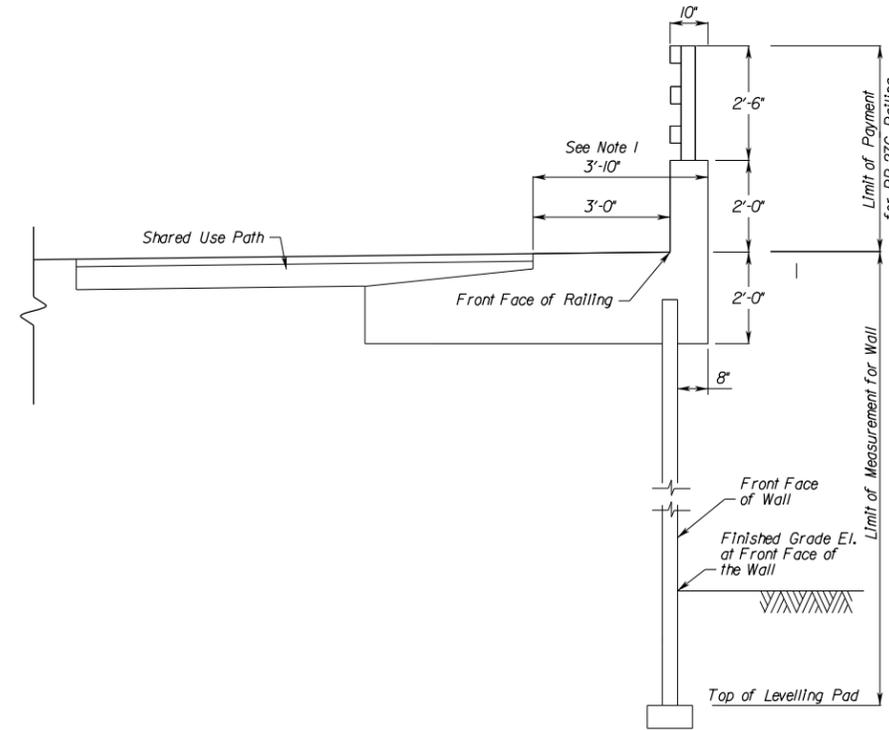
SYCOLIN ROAD TYPICAL SECTION WITH WALL

NOTES :

- The width of the moment slab transition from 3'-0" to 1'-6".



DETAIL A FOR SIDEWALK



DETAIL B FOR SHARED USE PATH

TYPICAL CONCRETE COPING WITH BR-27C RAILING SCHEMATIC DETAIL

AI-VA / RDA
Team Concept

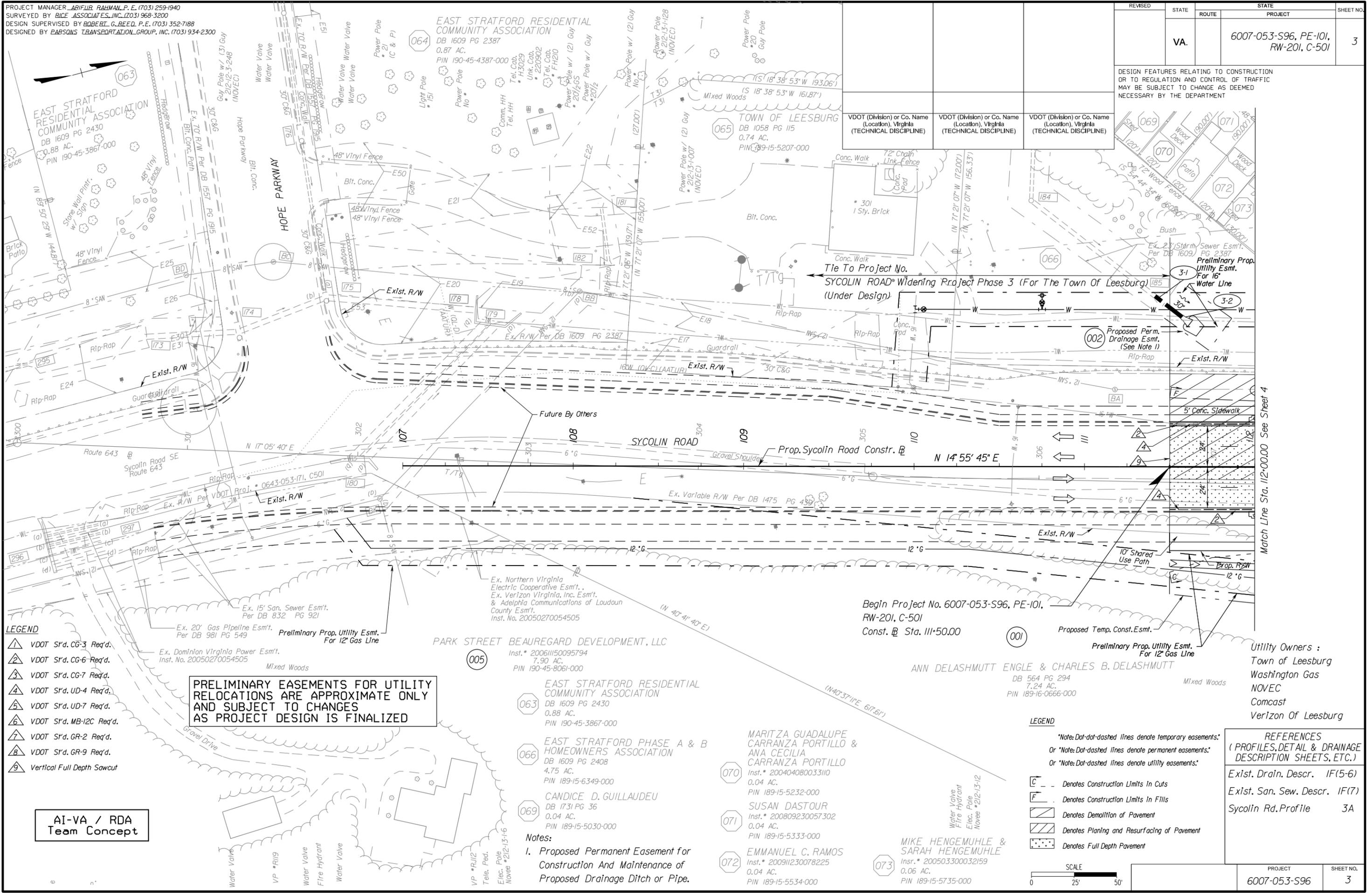
PROJECT	SHEET NO.
6007-053-S96	2D(1)

PROJECT MANAGER: ARIFUR RAHMAN, P.E. (703) 259-1940
 SURVEYED BY RICE ASSOCIATES, INC. (703) 968-3200
 DESIGN SUPERVISED BY ROBERT G. REED, P.E. (703) 352-7188
 DESIGNED BY PARSONS TRANSPORTATION GROUP, INC. (703) 934-2300

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.		6007-053-S96, PE-101, RW-201, C-501	3

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

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)
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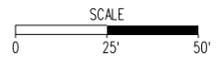


PRELIMINARY EASEMENTS FOR UTILITY RELOCATIONS ARE APPROXIMATE ONLY AND SUBJECT TO CHANGES AS PROJECT DESIGN IS FINALIZED

- LEGEND**
- 1 VDOT S'd. CG-3 Req'd.
 - 2 VDOT S'd. CG-6 Req'd.
 - 3 VDOT S'd. CG-7 Req'd.
 - 4 VDOT S'd. UD-4 Req'd.
 - 5 VDOT S'd. UD-7 Req'd.
 - 6 VDOT S'd. MB-12C Req'd.
 - 7 VDOT S'd. GR-2 Req'd.
 - 8 VDOT S'd. GR-9 Req'd.
 - 9 Vertical Full Depth Sawcut

- LEGEND**
- Note: Dot-dot-dashed lines denote temporary easements.
 - Or Note: Dot-dashed lines denote permanent easements.
 - Or Note: Dotted lines denote utility easements.
 - Denotes Construction Limits In Cuts
 - Denotes Construction Limits In Fills
 - Denotes Demolition of Pavement
 - Denotes Planing and Resurfacing of Pavement
 - Denotes Full Depth Pavement

AI-VA / RDA Team Concept



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

Exist. Drain. Descr.	IF(5-6)
Exist. San. Sew. Descr.	IF(7)
Sycolin Rd. Profile	3A

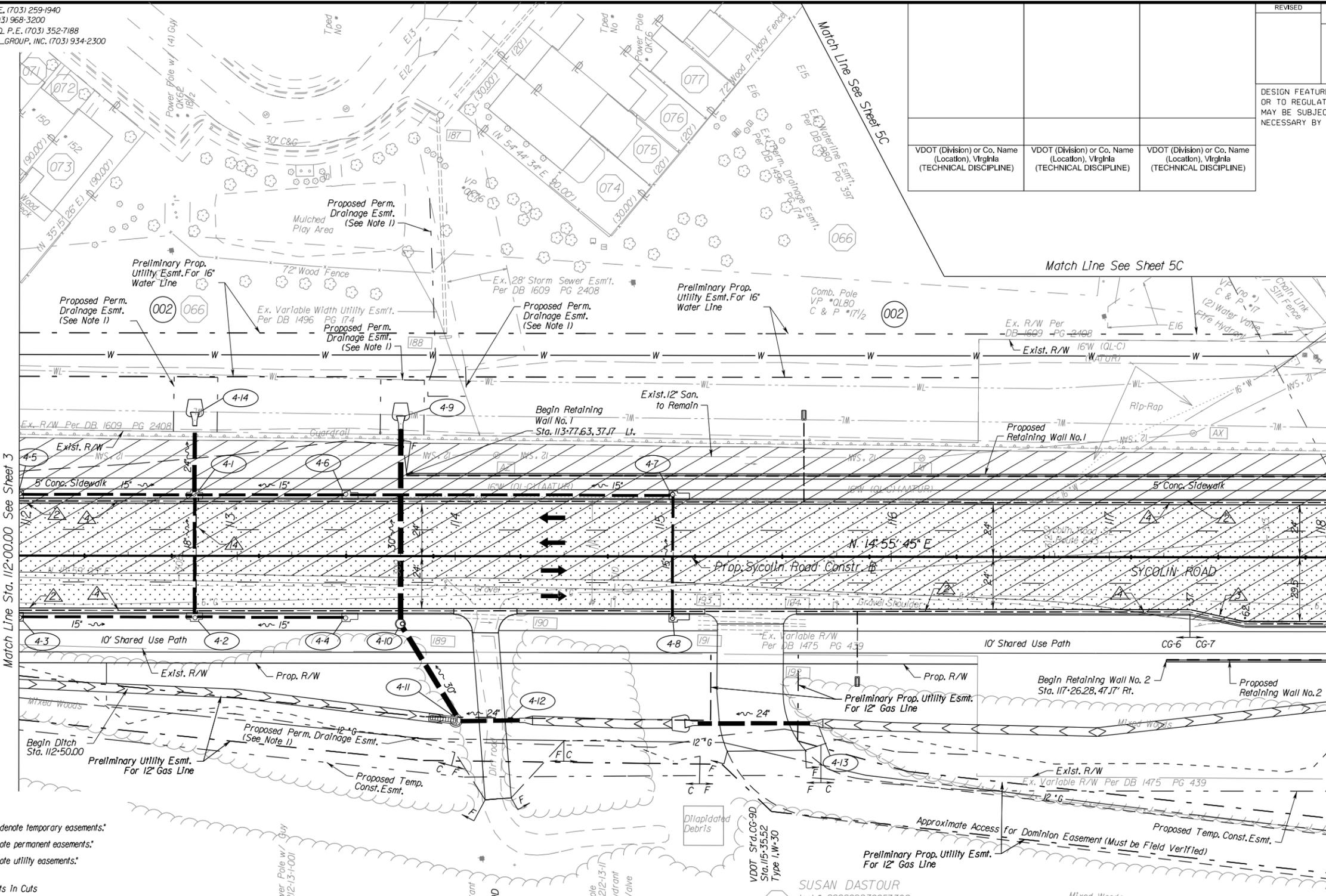
PROJECT	6007-053-S96
SHEET NO.	3

Match Line Sta. 112+00.00 See Sheet 4

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.		6007-053-S96, 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 (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)
---	---	---



- LEGEND**
- ▲ VDOT St'd. CG-3 Req'd.
 - ▲ VDOT St'd. CG-6 Req'd.
 - ▲ VDOT St'd. CG-7 Req'd.
 - ▲ VDOT St'd. UD-4 Req'd.
 - ▲ VDOT St'd. UD-7 Req'd.
 - ▲ VDOT St'd. MB-12C Req'd.
 - ▲ VDOT St'd. GR-2 Req'd.
 - ▲ VDOT St'd. GR-9 Req'd.
 - ▲ Vertical Full Depth Sawcut
 - ▲ VDOT St'd. CD-2

LEGEND

*Note: Dot-dot-dashed lines denote temporary easements.
 Or *Note: Dot-dashed lines denote permanent easements.
 Or *Note: Dot-dashed lines denote utility easements.

- C - Denotes Construction Limits In Cuts
- F - Denotes Construction Limits In Fills
- ▨ - Denotes Demolition of Pavement
- ▨ - Denotes Planning and Resurfacing of Pavement
- ▨ - Denotes Full Depth Pavement

- Notes:**
- Proposed Permanent Easement For Construction And Maintenance Of Proposed Drainage Structure And Proposed Drainage Ditch or Pipe.
 - Unless Otherwise Stated In The Drainage Description, All Inlets Shall Be Water Quality Inlets To Be Maintained By The Town of Leesburg.

ANN DELASHMUTT ENGLE & CHARLES B. DELASHMUTT
 DB 564 PG 294
 7.24 AC.
 PIN 189-16-0666-000

PRELIMINARY EASEMENTS FOR UTILITY RELOCATIONS ARE APPROXIMATE ONLY AND SUBJECT TO CHANGES AS PROJECT DESIGN IS FINALIZED

EAST STRATFORD PHASE A & B HOMEOWNERS ASSOCIATION
 DB 1609 PG 2408
 4.75 AC.
 PIN 189-15-6349-000

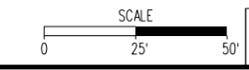
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Inst.* 200809230057302
0.04 AC.
PIN 189-15-5333-000
- 072 EMMANUEL C. RAMOS
Inst.* 200911230078225
0.04 AC.
PIN 189-15-5534-000
- 073 MIKE HENGEMUHLE & SARAH HENGEMUHLE
Inst.* 200503300032159
0.06 AC.
PIN 189-15-5735-000
- 074 KEVIN R. WATKINS & BAMBI L. WATKINS
DB 2252 PG 887
0.06 AC.
PIN 189-15-6258-000
- 075 JOSH KEMP & KATHRYN KEMP
Inst.* 200508100089571
0.04 AC.
PIN 189-15-6160-000
- 076 ABDOU MOUCHKELLY & FARAH MO.
Inst.* 20060120006163
0.04 AC.
PIN 189-15-5961-000
- 077 SAIF KHAN & TEHREEM SAIF
DB 1891 PG 2235
0.04 AC.
PIN 189-15-5863-000

Utility Owners :
 Town of Leesburg
 Washington Gas
 NOVEC
 Comcast
 Verizon Of Leesburg

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

Exist. Drain. Descr.	IF(5-6)
Exist. San. Sew. Descr.	IF(7)
Sycolin Rd. Profile	4A
Entrance Profiles	8
Ret. Wall Detail	2D(1)-2D(5)

AI-VA / RDA
 Team Concept



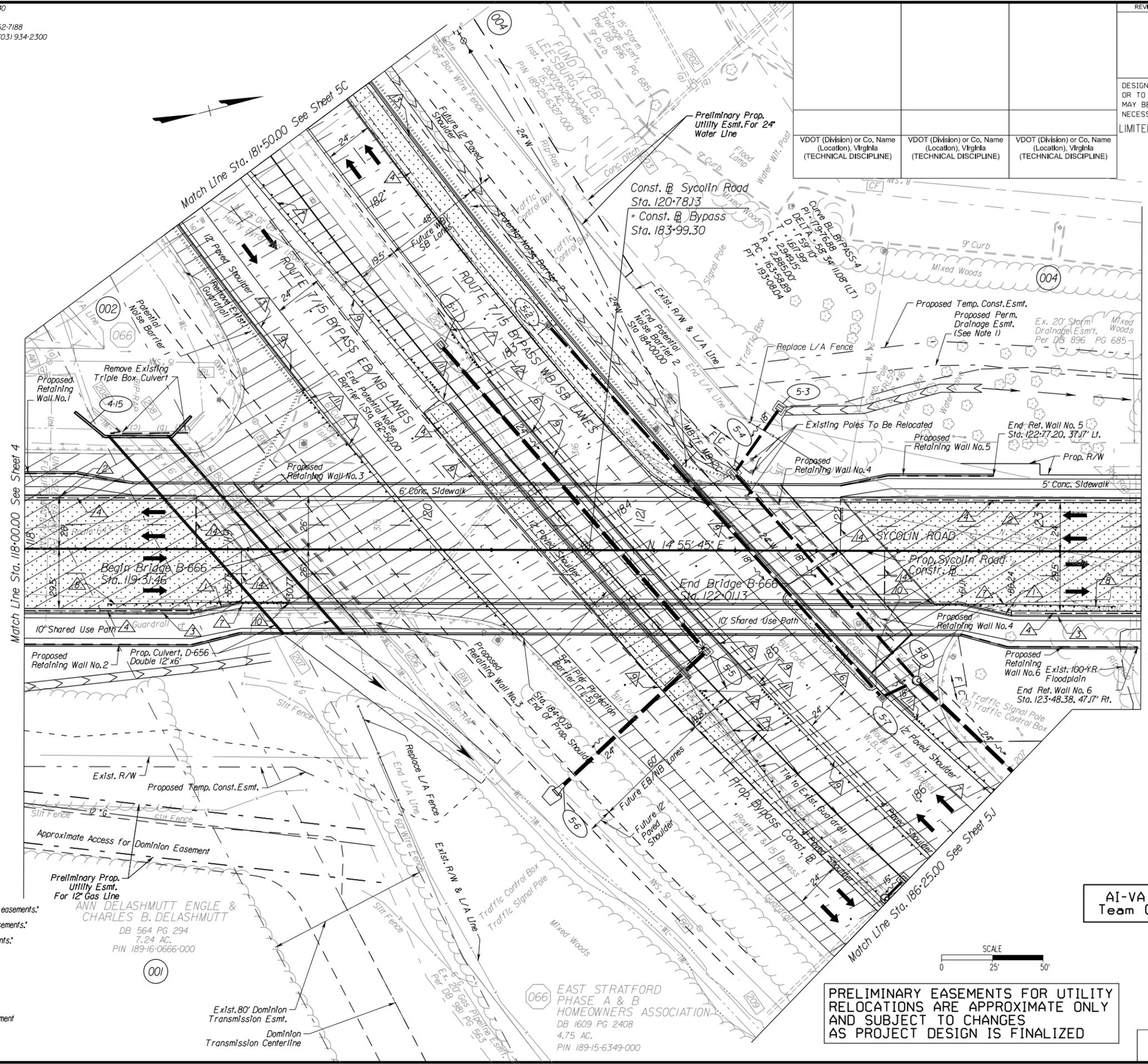
PROJECT MANAGER ARIFUR RAHMAN, P.E. (703) 259-1940
 SURVEYED BY RICE ASSOCIATES, INC. (703) 968-3200
 DESIGN SUPERVISED BY ROBERT G. REED, P.E. (703) 352-7188
 DESIGNED BY PARSONS TRANSPORTATION GROUP, INC. (703) 934-2300

REVISED	STATE		SHEET NO.
	ROUTE	PROJECT	
	VA.	6007-053-S96, 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

LIMITED ACCESS HIGHWAY By Resolution of Commonwealth Transportation Board dated 3-21-63.

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)



- LEGEND**
- 1 VDOT S'd. CG-3 Req'd.
 - 2 VDOT S'd. CG-6 Req'd.
 - 3 VDOT S'd. CG-7 Req'd.
 - 4 VDOT S'd. UD-4 Req'd.
 - 5 VDOT S'd. UD-7 Req'd.
 - 6 VDOT S'd. MB-12C Req'd.
 - 7 VDOT S'd. GR-2 Req'd.
 - 8 VDOT S'd. GR-9 Req'd.
 - 9 Vertical Full Depth Sawcut
 - 10 VDOT S'd. GR-FOA-1 Type I
 - 11 VDOT S'd. GR-FOA-2 Type I
 - 12 VDOT S'd. GR-FOA-2 Type II
 - 13 VDOT S'd. MB-7F Req'd.
 - 14 VDOT S'd. CD-2

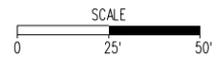
- LEGEND**
- *Note: Dot-dot-dashed lines denote temporary easements;
 Or *Note: Dot-dashed lines denote permanent easements;
 Or *Note: Dotted lines denote utility easements.*
- C - Denotes Construction Limits In Cuts
 - F - Denotes Construction Limits In Fills
 - [Symbol] Denotes Demolition of Pavement
 - [Symbol] Denotes Planning and Resurfacing of Pavement
 - [Symbol] Denotes Full Depth Pavement

Notes:

1. Proposed Permanent Easement For Construction And Maintenance of Proposed Drainage Structure And Proposed Drainage Ditch or Pipe.

Utility Owners :
 Town of Leesburg
 Washington Gas
 NOVEC
 Dominion/Virginia Power

AI-VA / RDA
 Team Concept



PRELIMINARY EASEMENTS FOR UTILITY RELOCATIONS ARE APPROXIMATE ONLY AND SUBJECT TO CHANGES AS PROJECT DESIGN IS FINALIZED

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

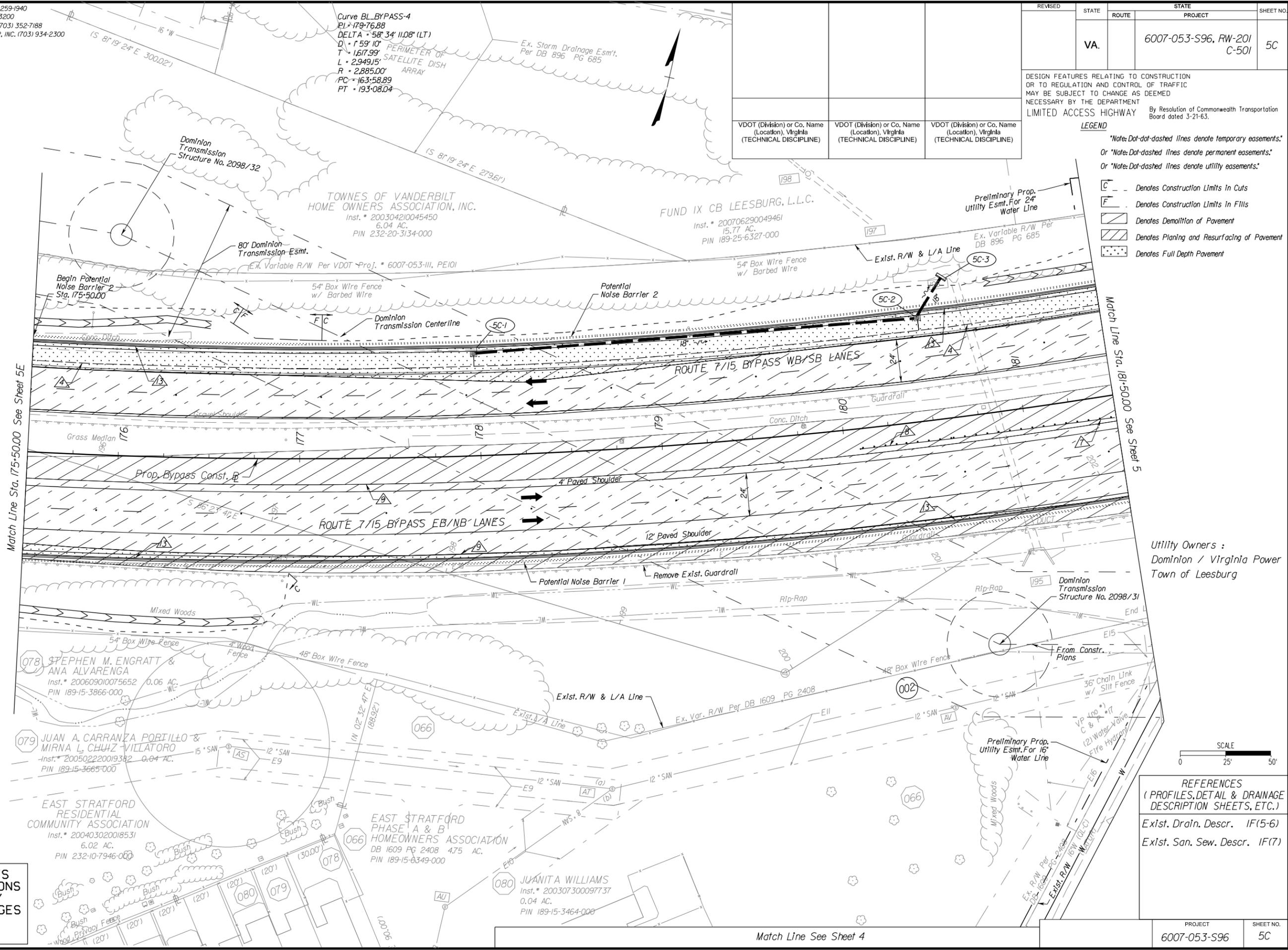
Exist. Drain. Descr. IF(5-6)
 Exist. San. Sew. Descr. IF(7)
 Sycolin Rd. Profile 5A
 Ret. Wall Details

PROJECT MANAGER ARIFUR RAHMAN, P.E. (703) 259-1940
 SURVEYED BY RICE ASSOCIATES, INC. (703) 968-3200
 DESIGN SUPERVISED BY ROBERT G. REED, P.E. (703) 352-7188
 DESIGNED BY PARSONS TRANSPORTATION GROUP, INC. (703) 934-2300

AI-VA / RDA
 Team Concept

LEGEND

- 1 VDOT S'd. CG-3 Req'd.
- 2 VDOT S'd. CG-6 Req'd.
- 3 VDOT S'd. CG-7 Req'd.
- 4 VDOT S'd. UD-4 Req'd.
- 5 VDOT S'd. UD-7 Req'd.
- 6 VDOT S'd. MB-12C Req'd.
- 7 VDOT S'd. GR-2 Req'd.
- 8 VDOT S'd. GR-9 Req'd.
- 9 Vertical Full Depth Sawcut
- 13 VDOT S'd. MB-7F Req'd.



Match Line Sta. 175+50.00 See Sheet 5E

Match Line Sta. 181+50.00 See Sheet 5

Utility Owners :
 Dominion / Virginia Power
 Town of Leesburg

PRELIMINARY EASEMENTS FOR UTILITY RELOCATIONS ARE APPROXIMATE ONLY AND SUBJECT TO CHANGES AS PROJECT DESIGN IS FINALIZED



REFERENCES
 (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)
 Ex'ist. Drain. Descr. IF(5-6)
 Ex'ist. San. Sew. Descr. IF(7)

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.		6007-053-S96, RW-201 C-501	5C

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT LIMITED ACCESS HIGHWAY By Resolution of Commonwealth Transportation Board dated 3-21-63.

LEGEND
 Note: Dot-dot-dashed lines denote temporary easements.
 Or *Note: Dot-dashed lines denote permanent easements.*
 Or *Note: Dot-dashed lines denote utility easements.*

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)
---	---	---

Match Line See Sheet 4

PROJECT MANAGER ARIFUR RAHMAN, P. E. (703) 259-1940
 SURVEYED BY RICE ASSOCIATES, INC. (703) 968-3200
 DESIGN SUPERVISED BY ROBERT G. REED, P. E. (703) 352-7188
 DESIGNED BY PARSONS TRANSPORTATION GROUP, INC. (703) 934-2300

TOWNES OF VANDERBILT
 HOME OWNERS ASSOCIATION, INC.
 Inst. # 200304210045450
 6.04 AC.
 PIN 232-20-3134-000

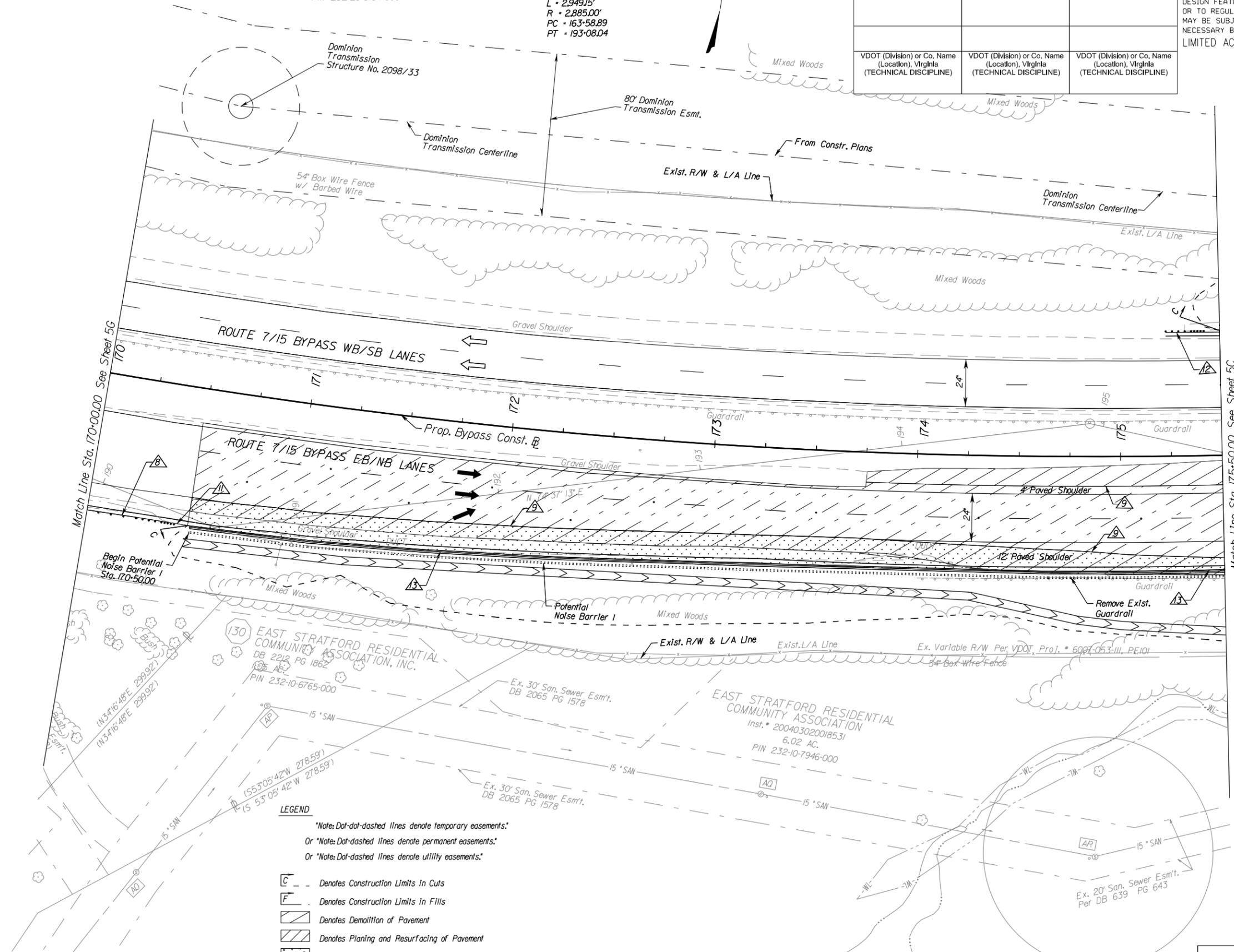
Curve BL-BYPASS-4
 PI - 179+76.88
 DELTA = 58° 34' 11.08" (LT)
 D = 159' 10"
 T = 1617.99'
 L = 2949.15'
 R = 2885.00'
 PC = 163+58.89
 PT = 193+08.04

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.		6007-053-S96, RW-201 C-501	5E

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT LIMITED ACCESS HIGHWAY By Resolution of Commonwealth Transportation Board dated 3-21-63.

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)
---	---	---

AI-VA / RDA
 Team Concept



- LEGEND**
- 1 VDOT Sr'd. CG-3 Req'd.
 - 2 VDOT Sr'd. CG-6 Req'd.
 - 3 VDOT Sr'd. CG-7 Req'd.
 - 4 VDOT Sr'd. UD-4 Req'd.
 - 5 VDOT Sr'd. UD-7 Req'd.
 - 6 VDOT Sr'd. MB-12C Req'd.
 - 7 VDOT Sr'd. GR-2 Req'd.
 - 8 VDOT Sr'd. GR-9 Req'd.
 - 9 Vertical Full Depth Sawcut
 - 10 VDOT Sr'd. GR-FOA-1 Type 1
 - 11 VDOT Sr'd. GR-FOA-2 Type 1
 - 12 VDOT Sr'd. GR-FOA-2 Type II
 - 13 VDOT Sr'd. MB-7F Req'd.

Utility Owners :
 Dominion / Virginia Power
 Town of Leesburg



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

Exist. Drain. Descr. IF(5-6)
 Exist. San. Sew. Descr. IF(7)

LEGEND

Note: Dot-dot-dashed lines denote temporary easements.
 Or *Note: Dot-dashed lines denote permanent easements.*
 Or *Note: Dashed lines denote utility easements.*

- C Denotes Construction Limits In Cuts
- F Denotes Construction Limits In Fills
- Denotes Demolition of Pavement
- Denotes Planing and Resurfacing of Pavement
- Denotes Full Depth Pavement

PROJECT MANAGER ARIFUR RAHMAN, P.E. (703) 259-1940
 SURVEYED BY RICE ASSOCIATES, INC. (703) 968-3200
 DESIGN SUPERVISED BY ROBERT G. REED, P.E. (703) 352-7188
 DESIGNED BY PARSONS TRANSPORTATION GROUP, INC. (703) 934-2300

Curve BL BYPASS-4
 PI = 179+76.88
 DELTA = 58° 34' 11.08" (LT)
 D = 159' 10"
 T = 167.99'
 L = 2,949.15'
 R = 2,885.00'
 PC = 163+58.89
 PT = 193+08.04

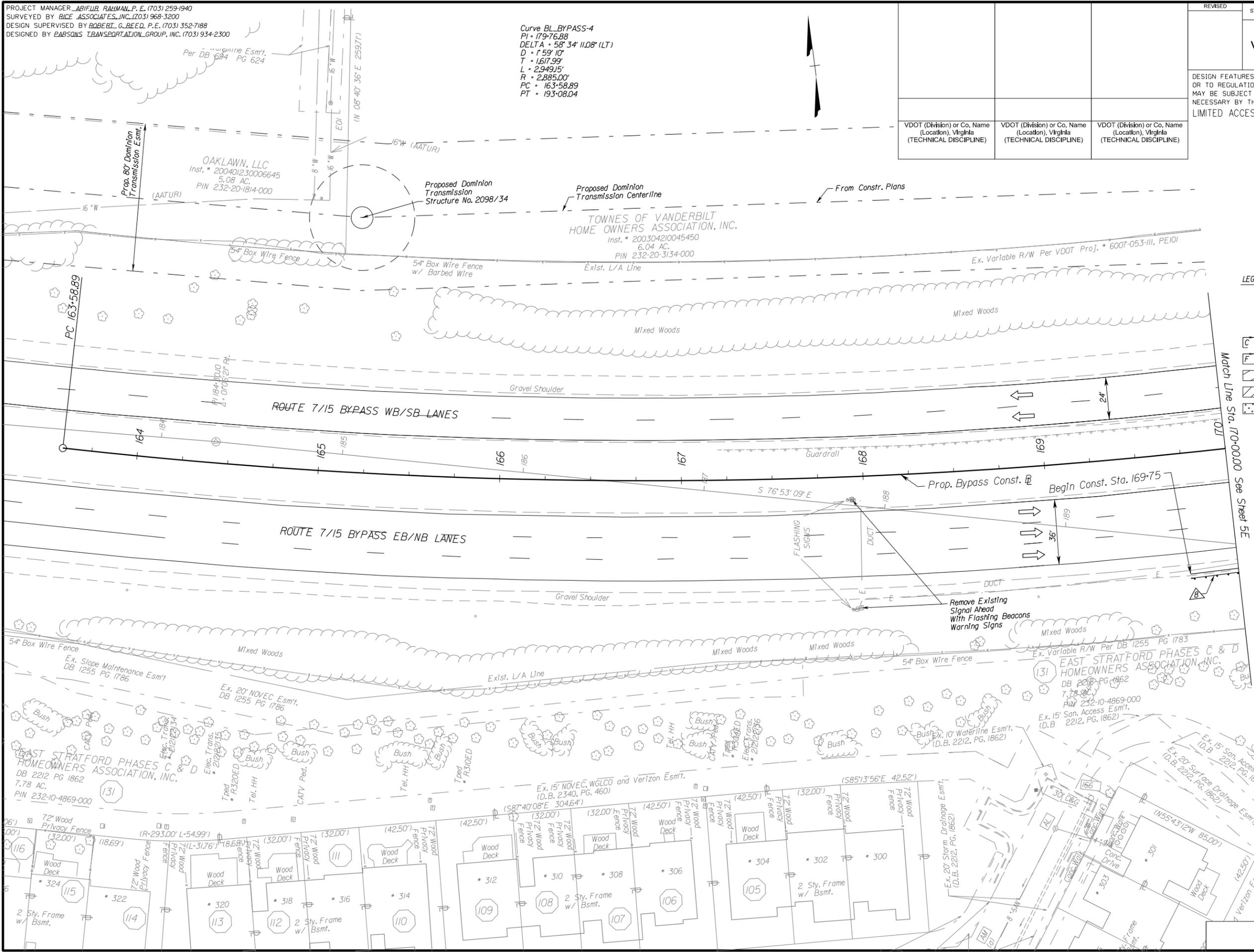


REVISED	STATE	STATE PROJECT		SHEET NO.
		ROUTE	PROJECT	
	VA.	6007-053-S96, RW-201 C-501		5G

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT LIMITED ACCESS HIGHWAY By Resolution of Commonwealth Transportation Board dated 3-21-63.

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)
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AI-VA / RDA
 Team Concept

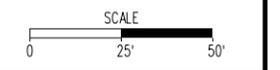


LEGEND
 *Note: Dot-dot-dashed lines denote temporary easements;
 Or *Note: Dot-dashed lines denote permanent easements;
 Or *Note: Dotted lines denote utility easements.

- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills
- Denotes Demolition of Pavement
- Denotes Planing and Resurfacing of Pavement
- Denotes Full Depth Pavement

- LEGEND**
- VDOT S't.d. CG-3 Req'd.
 - VDOT S't.d. CG-6 Req'd.
 - VDOT S't.d. CG-7 Req'd.
 - VDOT S't.d. UD-4 Req'd.
 - VDOT S't.d. UD-7 Req'd.
 - VDOT S't.d. MB-12C Req'd.
 - VDOT S't.d. GR-2 Req'd.
 - VDOT S't.d. GR-9 Req'd.
 - Vertical Full Depth Sawcut

Utility Owners :
 Dominion / Virginia Power
 Town of Leesburg



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

Exist. Drain. Descr. IF(5-6)
 Exist. San. Sew. Descr. IF(7)

PROJECT MANAGER: ARIEWR RAHMAN, P.E. (703) 259-1940
 SURVEYED BY: RICE ASSOCIATES, INC. (703) 968-3200
 DESIGN SUPERVISED BY: ROBERT G. REED, P.E. (703) 352-7188
 DESIGNED BY: PARSONS TRANSPORTATION GROUP, INC. (703) 934-2300

LEGEND

- *Note: Dot-dot-dashed lines denote temporary easements.*
- Or *Note: Dot-dashed lines denote permanent easements.*
- Or *Note: Dashed lines denote utility easements.*
- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills
- Denotes Demolition of Pavement
- Denotes Planning and Resurfacing of Pavement
- Denotes Full Depth Pavement

**AI-VA / RDA
Team Concept**

Utility Owners :
 Dominion / Virginia Power
 Town of Leesburg
 NOVEC

LEGEND

- VDOT Std. CG-3 Req'd.
- VDOT Std. CG-6 Req'd.
- VDOT Std. CG-7 Req'd.
- VDOT Std. UD-4 Req'd.
- VDOT Std. UD-7 Req'd.
- VDOT Std. MB-12C Req'd.
- VDOT Std. GR-2 Req'd.
- VDOT Std. GR-9 Req'd.
- Vertical Full Depth Sawcut
- VDOT Std. GR-FOA-1 Type 1

Curve BL_BYPASS-4
 PI = 179+76.88
 DELTA = 58° 34' 11.08" (LT)
 D = 159' 10"
 T = 1,617.99'
 L = 2,949.15'
 R = 2,885.00'
 PC = 163+58.89
 PT = 193+08.04

(003)

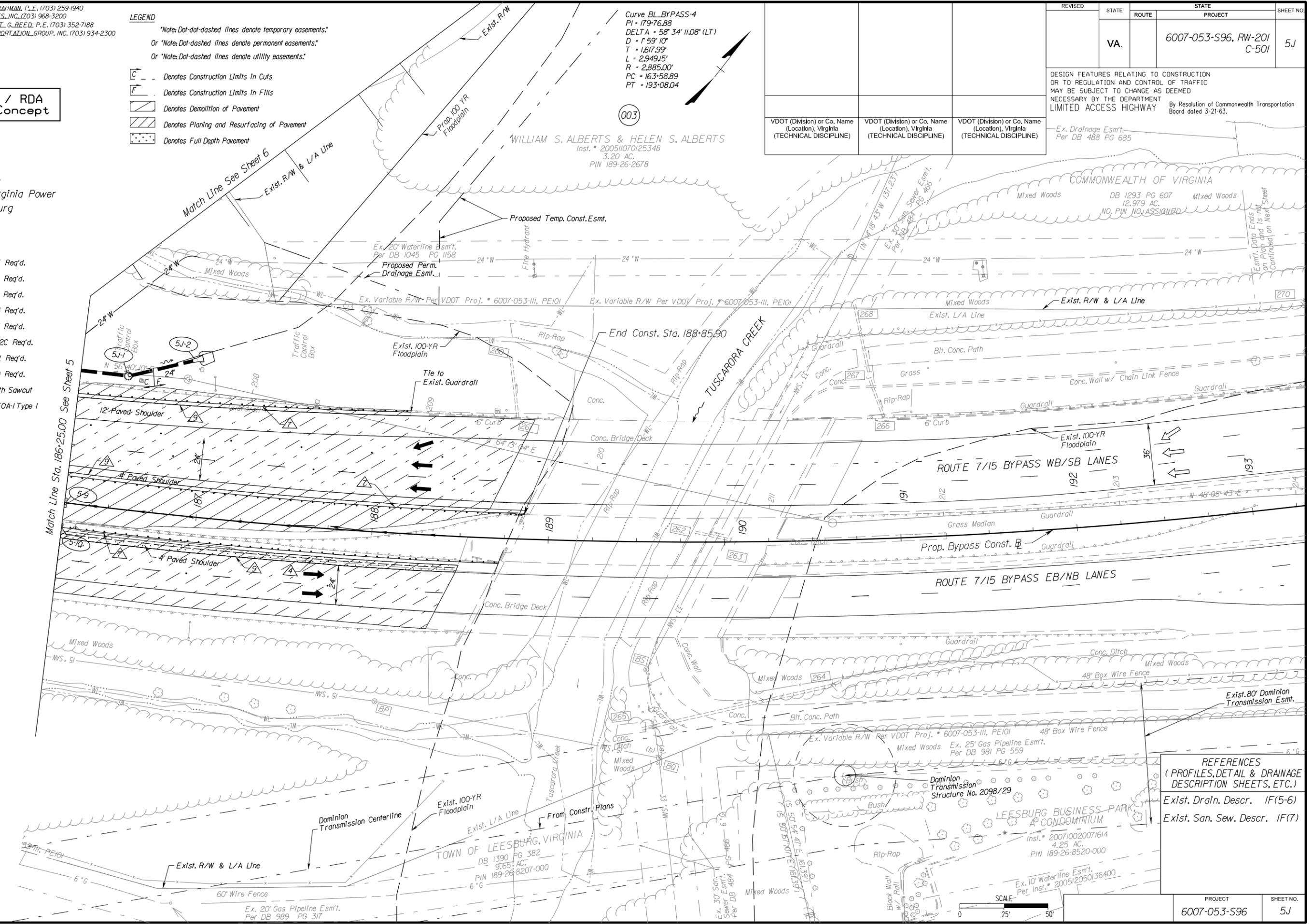
WILLIAM S. ALBERTS & HELEN S. ALBERTS
 Inst. # 200511070125348
 3.20 AC.
 PIN 189-26-2678

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.		6007-053-S96, RW-201 C-501	5J

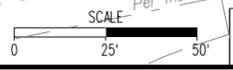
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT LIMITED ACCESS HIGHWAY By Resolution of Commonwealth Transportation Board dated 3-21-63.

Ex. Drainage Esm't. Per DB 488 PG 685

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)
---	---	---



REFERENCES
 (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)
 Ex'ist. Drain. Descr. IF(5-6)
 Ex'ist. San. Sew. Descr. IF(7)



PROJECT MANAGER ARIFUR RAHMAN, P. E. (703) 259-1940
 SURVEYED BY RICE ASSOCIATES, INC. (703) 968-3200
 DESIGN SUPERVISED BY ROBERT G. REED P.E. (703) 352-7188
 DESIGNED BY PARSONS TRANSPORTATION GROUP, INC. (703) 934-2300

FUND IX CB LEESBURG, L.L.C.

Inst. # 200706290049461
 15.77 AC.
 PIN 189-25-6327-000

Curve SYCLRDI-2
 PI = 127+21.51
 DELTA = 30° 07' 14.80" (LT)
 D = 7° 09' 43"
 T = 215.26' * 301-330
 L = 420.57' * 3 Sty. Brick
 R = 800.00'
 PC = 125+06.25
 PT = 129+26.82
 V = 40 mph
 e = 3.80 %
 L = 110'

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.		6007-053-S96, 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

LIMITED ACCESS HIGHWAY By Resolution of Commonwealth Transportation Board dated 3-21-63.

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)
---	---	---

AI-VA / RDA
 Team Concept

LEGEND
 *Note: Dot-dot-dashed lines denote temporary easements.
 Or *Note: Dot-dashed lines denote permanent easements.
 Or *Note: Dot-dashed lines denote utility easements.

- ☐ Denotes Construction Limits in Cuts
- ☐ Denotes Construction Limits in Fills
- ☐ Denotes Demolition of Pavement
- ☐ Denotes Planing and Resurfacing of Pavement
- ☐ Denotes Full Depth Pavement

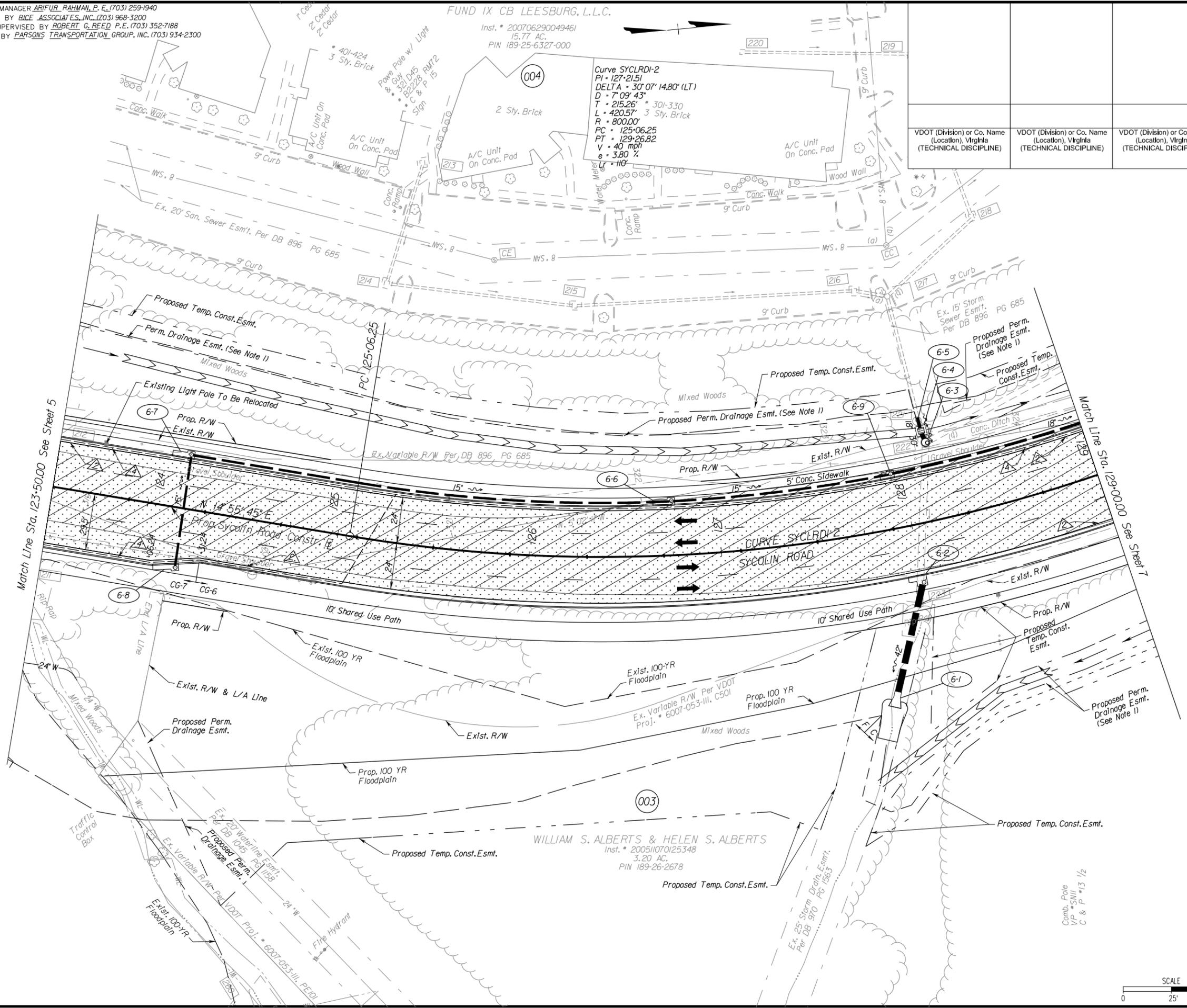
- LEGEND**
- △ VDOT S'd. CG-3 Req'd.
 - △ VDOT S'd. CG-6 Req'd.
 - △ VDOT S'd. CG-7 Req'd.
 - △ VDOT S'd. UD-4 Req'd.
 - △ VDOT S'd. UD-7 Req'd.
 - △ VDOT S'd. MB-12C Req'd.
 - △ VDOT S'd. GR-2 Req'd.
 - △ VDOT S'd. GR-9 Req'd.
 - △ Vertical Full Depth Sawcut

- Notes:**
- Proposed Permanent Easement For The Construction And Maintenance of Proposed Drainage Ditch or Pipe.
 - Unless Otherwise Stated In The Drainage Description, All Inlets Shall Be Water Quality Inlets To Be Maintained By The Town of Leesburg.

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

Ex'ist. Drain. Descr. IF(5-6)
 Ex'ist. San. Sew. Descr. IF(7)
 Sycolin Rd. Profiles 6A

Utility Owners :
 Town of Leesburg
 NOVEC
 Verizon of Leesburg
 Comcast



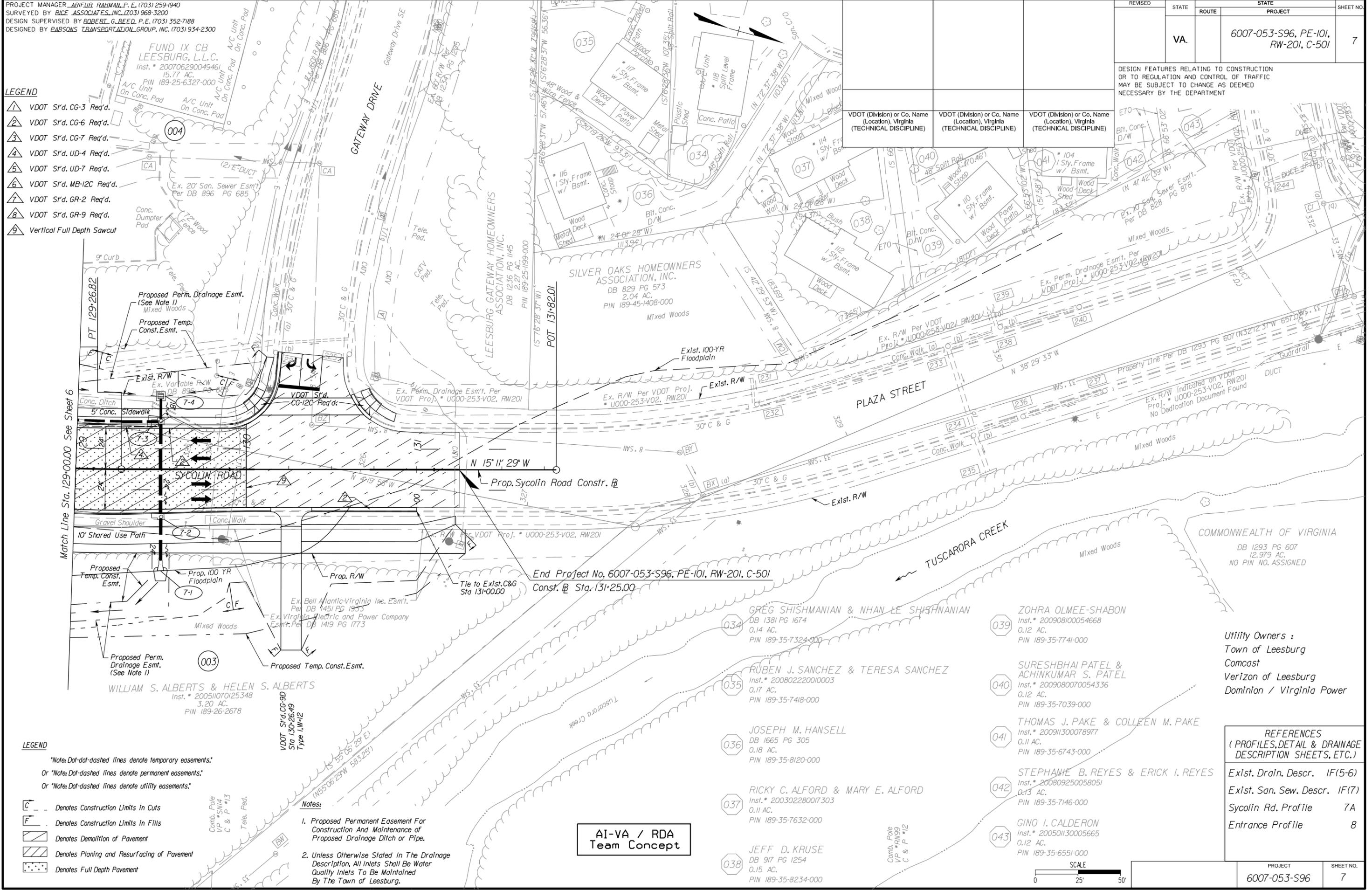
PROJECT MANAGER ARIFUR RAHMAN, P.E. (703) 259-1940
 SURVEYED BY RICE ASSOCIATES, INC. (703) 968-3200
 DESIGN SUPERVISED BY ROBERT G. REED, P.E. (703) 352-7188
 DESIGNED BY PARSONS TRANSPORTATION GROUP, INC. (703) 934-2300

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.		6007-053-S96, PE-101, 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

- LEGEND**
- ▲ VDOT S'rd. CG-3 Req'd.
 - ▲ VDOT S'rd. CG-6 Req'd.
 - ▲ VDOT S'rd. CG-7 Req'd.
 - ▲ VDOT S'rd. UD-4 Req'd.
 - ▲ VDOT S'rd. UD-7 Req'd.
 - ▲ VDOT S'rd. MB-12C Req'd.
 - ▲ VDOT S'rd. GR-2 Req'd.
 - ▲ VDOT S'rd. GR-9 Req'd.
 - ▲ Vertical Full Depth Sawcut

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)
ET0	Bit. Conc. D/W	66' 53" 02



LEGEND

*Note: Dot-dot-dashed lines denote temporary easements.
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 Or *Note: Dashed lines denote utility easements.

- C - Denotes Construction Limits in Cuts
- F - Denotes Construction Limits in Fills
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- ▨ - Denotes Planing and Resurfacing of Pavement
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AI-VA / RDA Team Concept

Utility Owners :
 Town of Leesburg
 Comcast
 Verizon of Leesburg
 Dominion / Virginia Power

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

Exist. Drain. Descr.	IF(5-6)
Exist. San. Sew. Descr.	IF(7)
Sycolin Rd. Profile	7A
Entrance Profile	8



PROJECT	SHEET NO.
6007-053-S96	7

STATE	FEDERAL AID	ROUTE	PROJECT	ROUTE	PROJECT	SHEET NO.
VA.	STP-5A01(229)			6007-053-S96, B666		14(1)
NBIS Number: 2538023-00000000029947			UPC No. 99256		FHWA Construction and Soour Code: X271-SN	
Federal Oversight Code: NFO						

DESIGN EXCEPTIONS:

None.

GENERAL NOTES:

Width: 6'-0" sidewalk, 52'-0" roadway, 14'-0" shared use path. Overall width 52'-0" face of sidewalk curb to face of rail.

Span layout: 144'-2"-120'-6" continuous steel plate girder spans.

Capacity: HL-93 loading.

Specifications:

- Construction: Virginia Department of Transportation Road and Bridge Specifications, 2007.
- Design: AASHTO LRFD Bridge Design Specifications, 5th Edition, 2010; 2010 Interim Specifications; and VDOT Modifications.
- Standard: Virginia Department of Transportation Road and Bridge Standards, 2008.

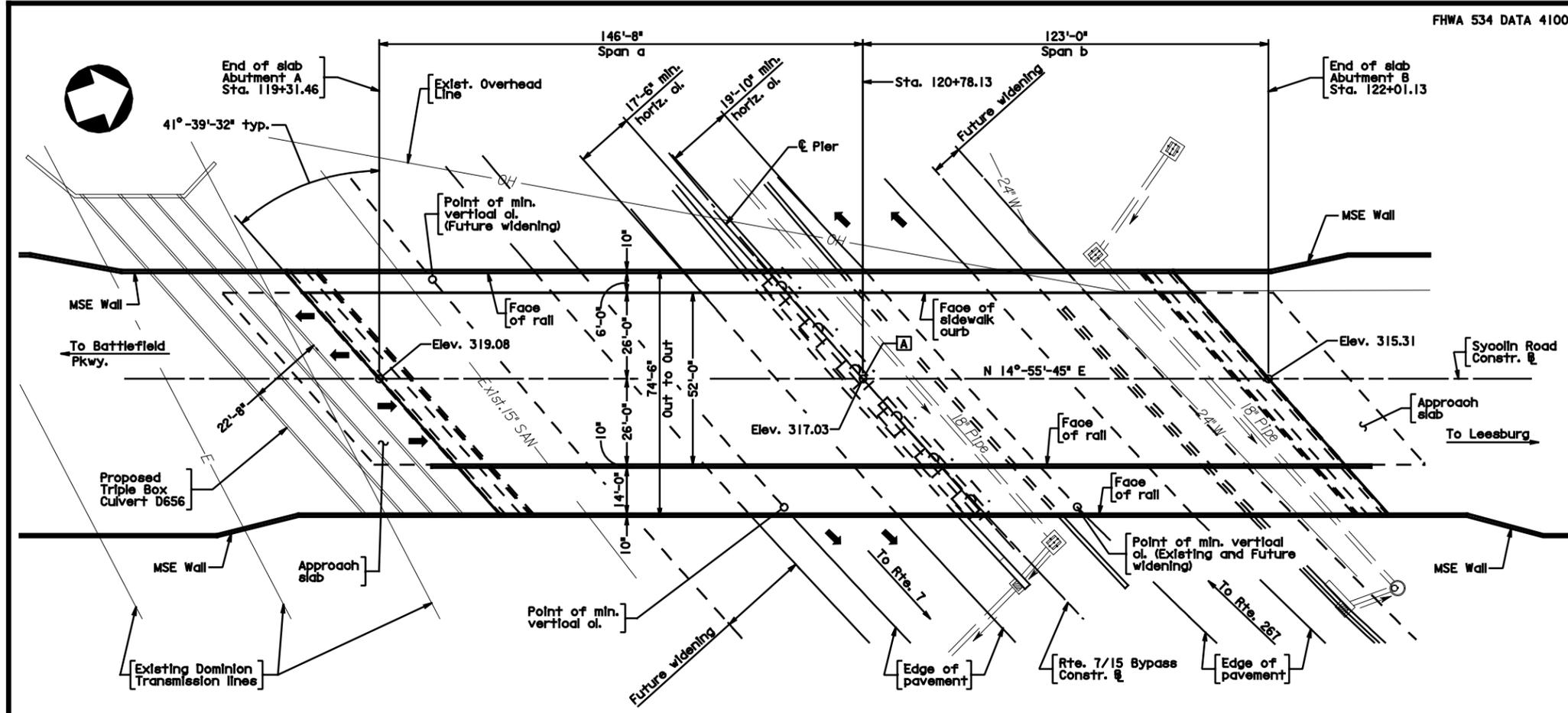
These plans are incomplete unless accompanied by the Supplemental Specifications and Special Provisions included in the contract documents.

Note to Offerors:

These plans depict the approximate location and a concept of the proposed structure. The bridge geometrics, span lengths, type and size of superstructure members and substructure elements and maintenance of traffic are to be developed by the Offeror.

CONCEPTUAL PLANS

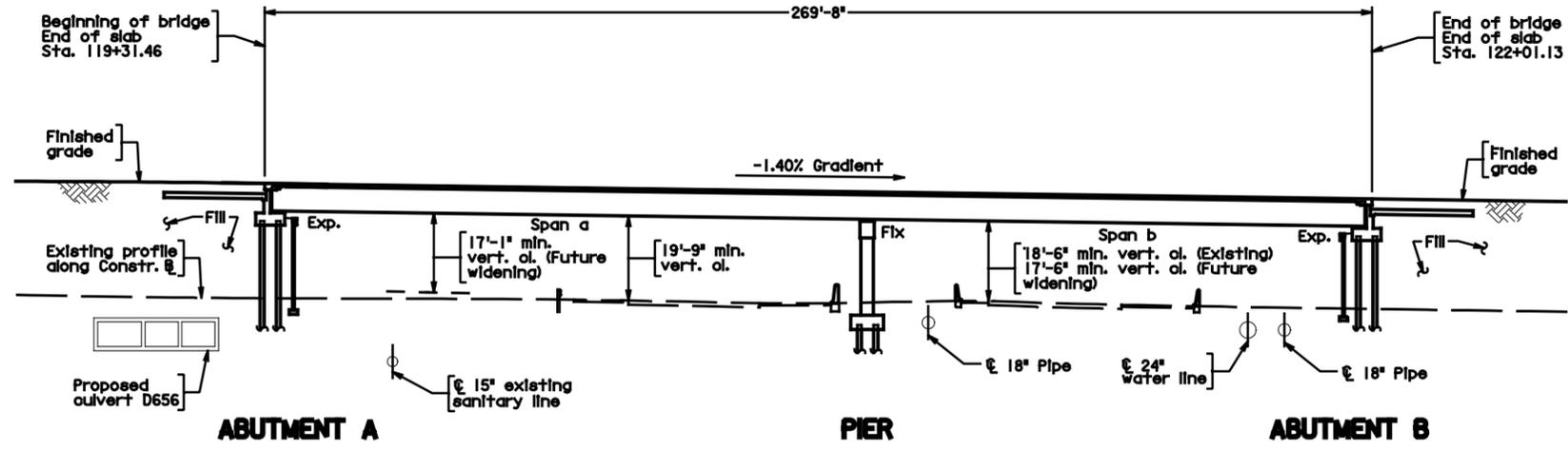
THESE PLANS NOT TO BE USED FOR CONSTRUCTION OF BRIDGE



PLAN

Tie stations:

A POT Sta. 120+78.13 Sycolin Road Constr. &
 POC Sta. 183+99.30 Rte. 7/15 Bypass Constr. &
 $\Delta = 41^\circ-39'-32''$ Rt.



DEVELOPED SECTION ALONG CONSTR. &

VDOT

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF TRANSPORTATION

PROPOSED BRIDGE ON

SYCOLIN ROAD OVER RTE. 7/15 BYPASS

TOWN OF LEESBURG - 0.6 MI. N. OF RTE. 654

PROJ. 6007-053-S96, B666

Recommended for Approval: _____ Date _____

State Structure and Bridge Engineer

Approved: _____ Date _____

Chief Engineer

Date: **SEPTEMBER 14, 2012** © 2012, Commonwealth of Virginia Sheet 1 of 12

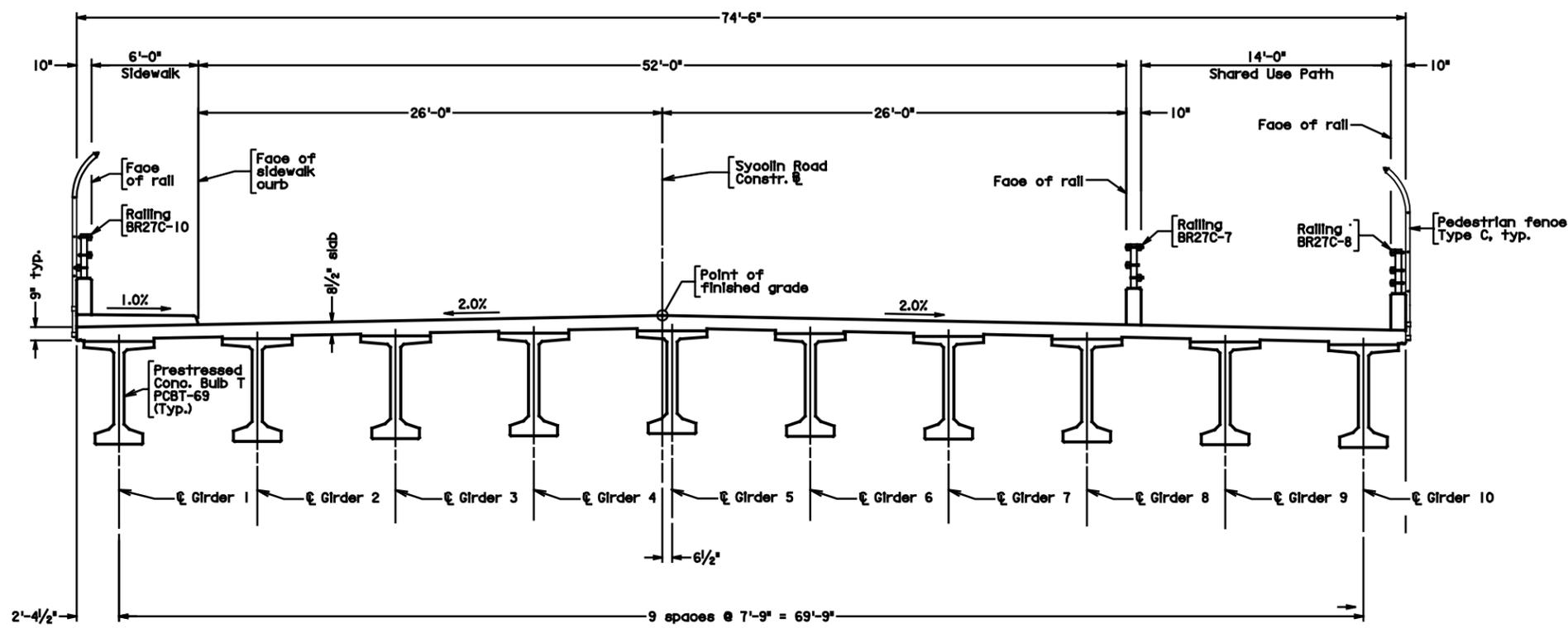
No.	Description	Date
REVISIONS		
For Table of Revisions, see Sheet		

TRIPLETT KING & ASSOCIATES INC.
 ROCK HILL, SC
 STRUCTURAL ENGINEER

PLANS BY: Consultant
 COORDINATED: ERIC BURGEISS
 SUPERVISED: ERIC ANDERSON
 DESIGNED: JOHN ACKER
 DRAWN: TED HARRIS
 CHECKED: ADAM LANSING

Scale: 1" = 20'-0"

STATE	FEDERAL AID	STATE	SHEET
ROUTE	PROJECT	ROUTE	PROJECT
Va.	STP-5A01(229)	643	6007-053-S96, B666
			14(2)



TRANSVERSE SECTION

CONCEPTUAL PLANS
THESE PLANS NOT TO BE USED
FOR CONSTRUCTION OF BRIDGE

#DGN#

TRIPLETT-KING & ASSOCIATES INC.
 ROCK HILL, SC
 STRUCTURAL ENGINEER

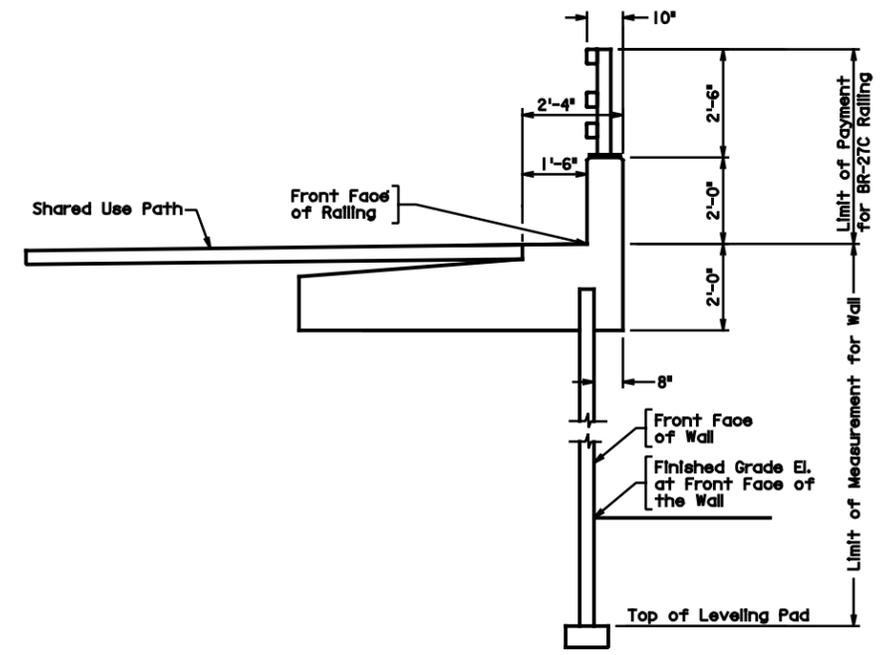
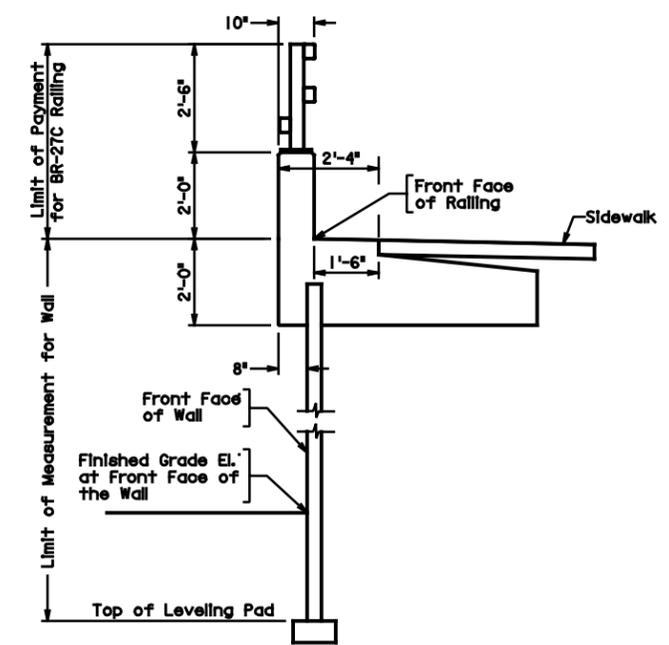
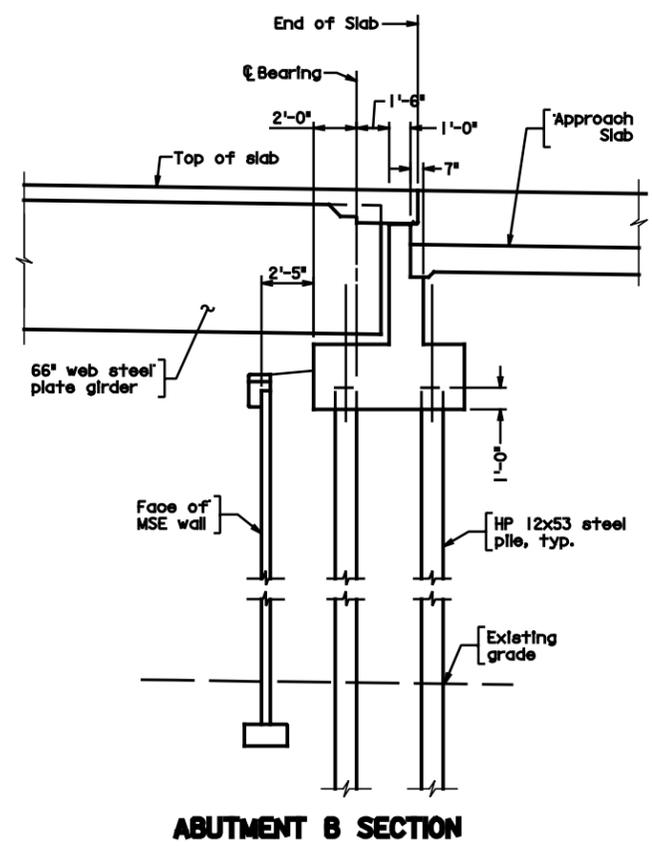
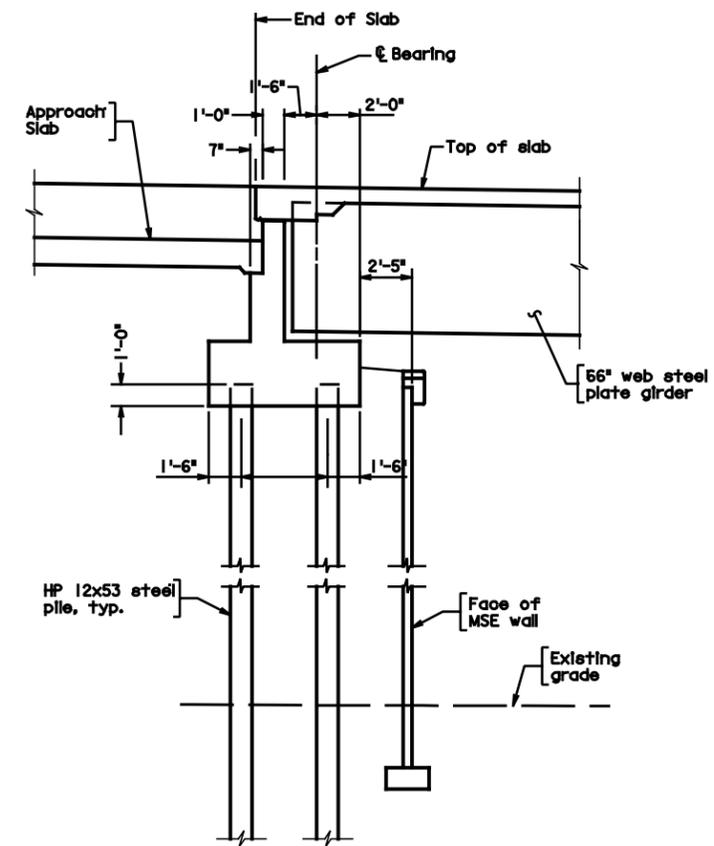
Scale: 1/4" = 1'-0"

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COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION STRUCTURE AND BRIDGE DIVISION			
TRANSVERSE SECTION			
No.	Description	Date	Revisions
Designed: JSA	Drawn: JSA	Checked: JSA	Date: SEPT. 2012
Plan No.	Sheet No.		
291-99	14(2)		

STATE	FEDERAL AID		STATE		SHEET
ROUTE	PROJECT		PROJECT		NO.
Va.	STP-5A01(229)		643 6007-053-S96, B666		14(4)

CONCEPTUAL PLANS
THESE PLANS NOT TO BE USED
FOR CONSTRUCTION OF BRIDGE



TYPICAL WINGWALL SECTION FOR SIDEWALK
 Scale: 1/2" = 1'-0"

TYPICAL WINGWALL SECTION FOR SHARED USE PATH
 Scale: 1/2" = 1'-0"

Scale: 3/4" = 1'-0" Unless otherwise noted

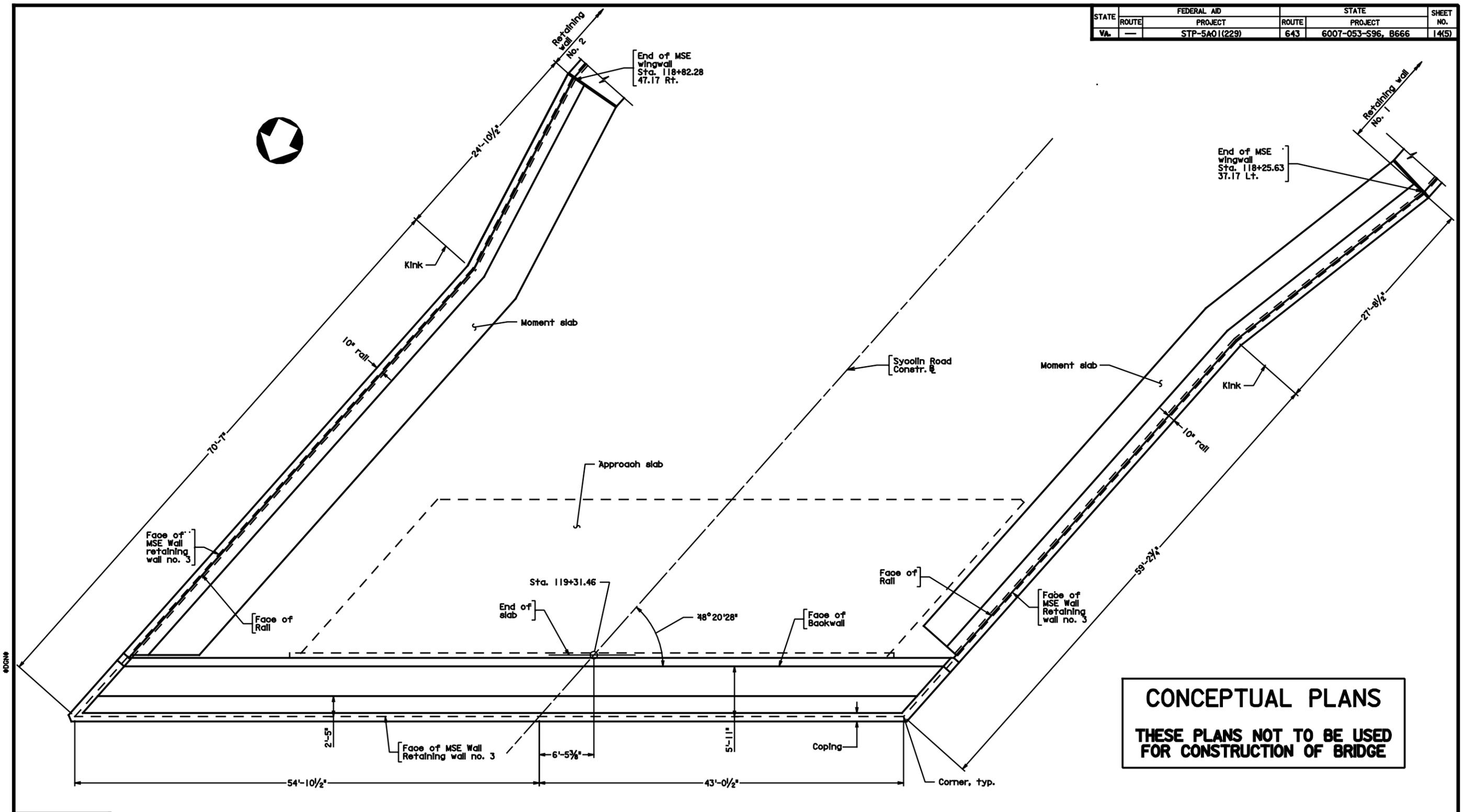
© 2012, Commonwealth of Virginia.

COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION STRUCTURE AND BRIDGE DIVISION				
ABUTMENT AND WINGWALL SECTIONS				
No.	Description	Date	Designed: AE	Date
			Drawn: BA	Plan No. 291-99
			Checked: BA	Sheet No. 14(4)
Revisions			SEPT. 2012	

#DGN#

TRIPLETT-KING & ASSOCIATES, INC.
 ROCK HILL, SC
 STRUCTURAL ENGINEER

STATE	FEDERAL AID	STATE	SHEET
ROUTE	PROJECT	ROUTE	PROJECT
VA.	STP-5A01(229)	643	6007-053-S96, B666
			14(5)



CONCEPTUAL PLANS
THESE PLANS NOT TO BE USED
FOR CONSTRUCTION OF BRIDGE

TRIPLETT-KING & ASSOCIATES, INC.
 ROCK HILL, SC
 STRUCTURAL ENGINEER

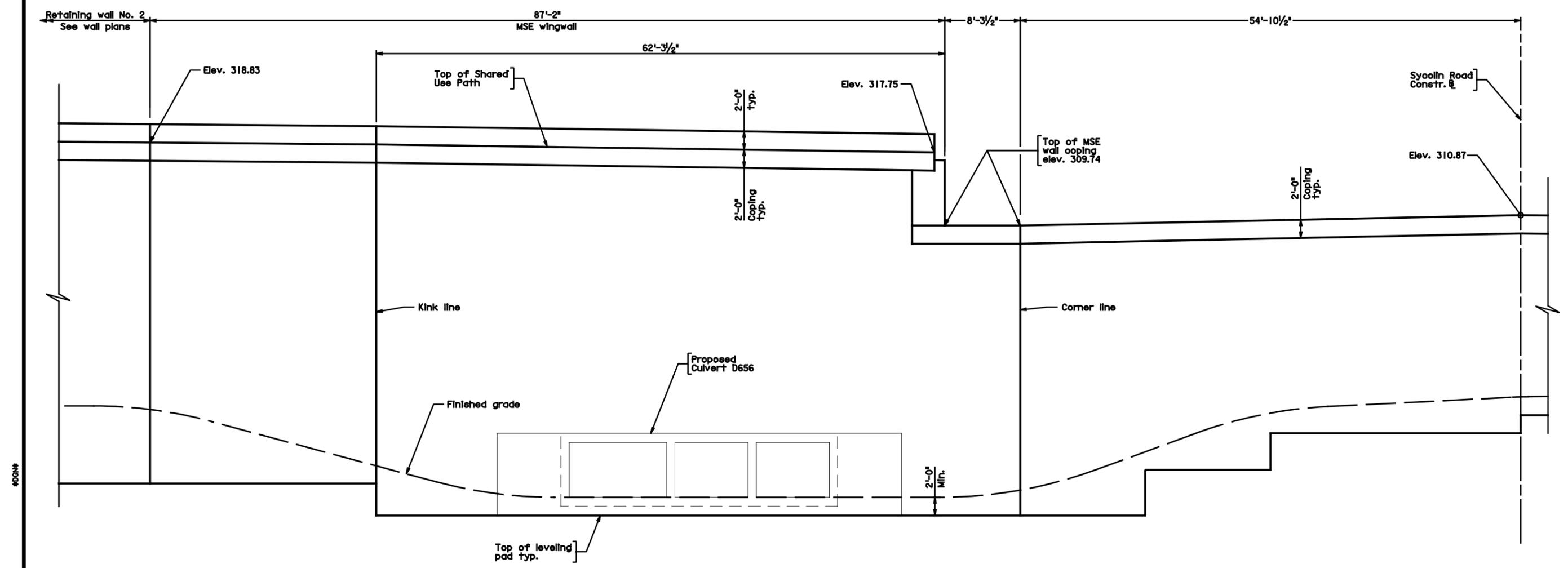
Scale: 3/16" = 1'-0"

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COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION STRUCTURE AND BRIDGE DIVISION			
MSE WALL AT ABUTMENT A			
No.	Description	Date	Revisions
Designed: AEP	Drawn: EBP	Checked: EBP	Date: SEPT. 2012
Plan No.	Sheet No.		
291-99	14(5)		

STATE	FEDERAL AID		STATE	SHEET
ROUTE	PROJECT		ROUTE	PROJECT
Va.	STP-5A01(229)		643	6007-053-S96, B666
				14(7)

CONCEPTUAL PLANS
THESE PLANS NOT TO BE USED
FOR CONSTRUCTION OF BRIDGE



DEVELOPED MSE WALL ELEVATION
AT ABUTMENT A
 (Retaining wall no. 3)

COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION STRUCTURE AND BRIDGE DIVISION				
ABUTMENT A MSE WALL ELEVATION				
No.	Description	Date	Designed: AFI	Date
			Drawn: EJA	SEPT. 2012
			Checked: EJA	
Revisions			Plan No.	Sheet No.
			291-99	14(7)

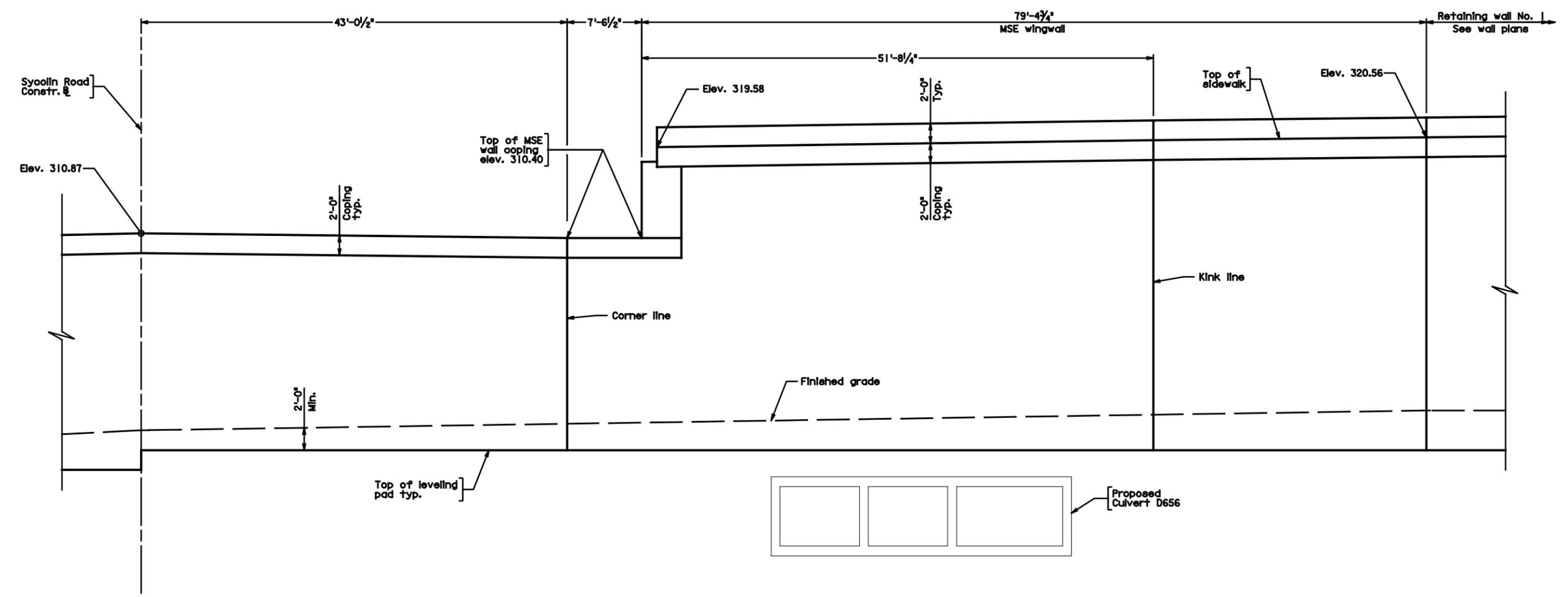
TRIPLETT-KING & ASSOCIATES INC.
 ROCK HILL, SC
 STRUCTURAL ENGINEER

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

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STATE	FEDERAL AID	STATE	SHEET
ROUTE	PROJECT	ROUTE	PROJECT
Va.	STP-5A01(229)	643	6007-053-S96, B666
			14(8)

CONCEPTUAL PLANS
THESE PLANS NOT TO BE USED
FOR CONSTRUCTION OF BRIDGE



DEVELOPED MSE WALL ELEVATION
AT ABUTMENT A
 (Retaining wall no. 3)

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

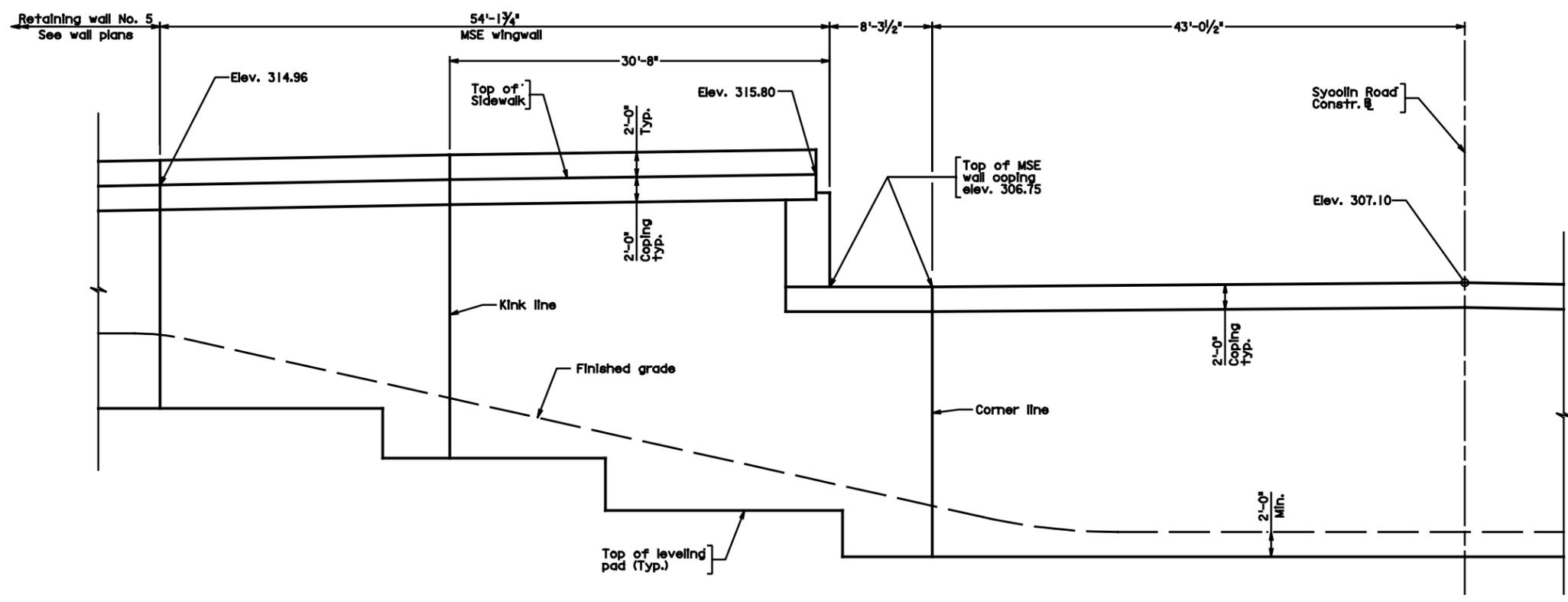
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 ROCK HILL, SC
 STRUCTURAL ENGINEER

COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION STRUCTURE AND BRIDGE DIVISION			
ABUTMENT A MSE WALL ELEVATION			
No.	Description	Date	Revisions
Designed: AEP	Drawn: EEP	Checked: EEP	Date: SEPT. 2012
Plan No.	Sheet No.		
291-99	14(8)		

STATE	FEDERAL AID		STATE	SHEET
ROUTE	PROJECT	ROUTE	PROJECT	NO.
Va.	STP-5A01(229)	643	6007-053-S96, B666	14(9)

CONCEPTUAL PLANS
THESE PLANS NOT TO BE USED
FOR CONSTRUCTION OF BRIDGE



DEVELOPED MSE WALL ELEVATION
AT ABUTMENT B
 (Retaining wall no. 4)

#DGN#

TRIPLETT-KING & ASSOCIATES, INC.
 ROCK HILL, SC
 STRUCTURAL ENGINEER

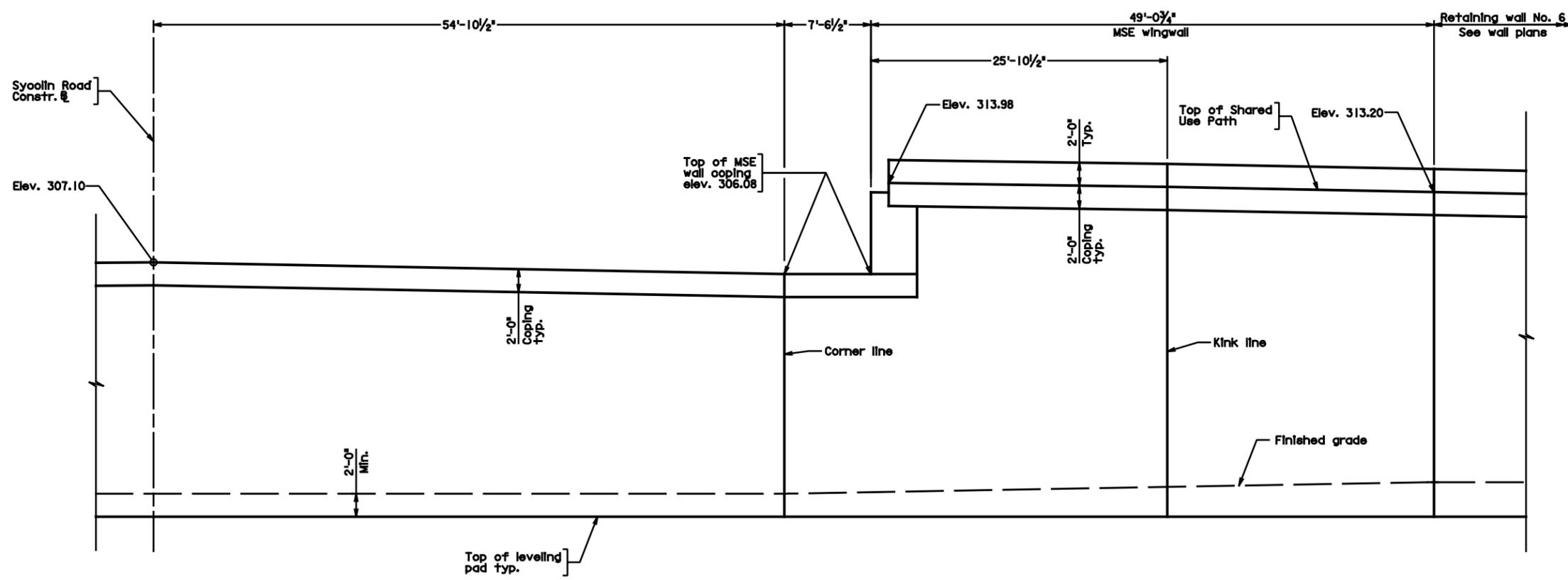
Scale: 3/16" = 1'-0"

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COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION STRUCTURE AND BRIDGE DIVISION			
ABUTMENT B MSE WALL ELEVATION			
No.	Description	Date	Revisions
Designed: AFI	Drawn: EJA	Checked: EJA	Date: SEPT. 2012
Plan No.	Sheet No.		
291-99	14(9)		

STATE	FEDERAL AID		STATE	SHEET
ROUTE	PROJECT		ROUTE	PROJECT
Va.	STP-5A01(229)		643	6007-053-S96, B666
				14(10)

CONCEPTUAL PLANS
THESE PLANS NOT TO BE USED
FOR CONSTRUCTION OF BRIDGE



DEVELOPED MSE WALL ELEVATION
AT ABUTMENT B
 (Retaining wall no. 4)

#0504

TRIPLETT-KING & ASSOCIATES, INC.
 ROCK HILL, SC
 STRUCTURAL ENGINEER

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

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COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION STRUCTURE AND BRIDGE DIVISION				
ABUTMENT B MSE WALL ELEVATION				
No.	Description	Date	Designed: AFI	Date
			Drawn: EJA	SEPT. 2012
			Checked: EJA	
Revisions			Plan No.	Sheet No.
			291-99	14(10)





Price Proposal

Sycolin Road Overpass of the Route 7/15 Bypass in Leesburg

Loudoun County, Virginia

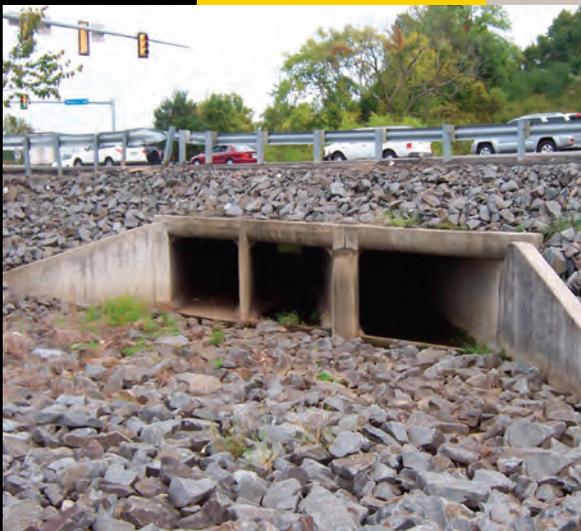
A DESIGN/BUILD PROJECT

State Project No.: 6007-053-S96

Federal Project No.: STP-5A01 (229)

Contract ID No.: C00099256DB53

Date: October 4, 2012



TRIPLETT-KING



**4.0.1.2 Price Proposal
Checklist**

ATTACHMENT 4.0.1.2

**DESIGN-BUILD PRICE PROPOSAL
CHECKLIST**

**Project Name: Sycolin Road Overpass of Route 7-15 Bypass in Leesburg
Contract ID Number: C00099256DB53**

➤ **Contents of Price Proposal:**

- Proposal Price, in both numbers and words (Attachment 4.3.1)**
 - Price Adjustment Information and Forms for Fuel, Asphalt and Steel, including identification of pay items and associated quantities eligible for adjustment (Part 3, Section 6.3, Attachments 6.3)**
 - Proposal Guaranty (C-24) required by Section 102.07 of Part 5, Division I Amendments to the Standard Specifications**
 - Sworn Statement Forms (C-104, C-105, Attachments 4.3.4(a) and 4.3.4(b))**
 - DBE Requirements Forms (C-111, C-49 and C-112) as applicable (Attachments 4.3.5(a), 4.3.5(b) and 4.3.5(c))**
 - CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**
-

4.3.1 Proposal Price

ATTACHMENT 4.3.1

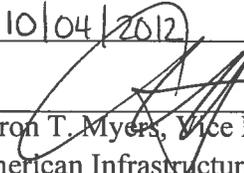
PRICE PROPOSAL FORM

4.3.1 Offeror shall specify, the following pricing information, in both numbers and words:

.1 Proposal Price;

Lump Sum FOURTEEN MILLION TWO HUNDRED
EIGHTY FOUR THOUSAND FIVE HUNDRED Dollars (\$14,284,500⁰⁰)
and ZERO CENTS

Date: 10/04/2012

Signature: 
Aaron T. Myers, Vice President/GM

Design-Builder: American Infrastructure-VA, Inc.

Vendor No.: G303

4.3.2 Price Adjustments

American Infrastructure-VA, Inc
Adjustments to Prices – Section 4.3.2

Sycolin Road Overpass of the Route 7/15 Bypass in Leesburg
Loudoun County, Virginia
State Project No. 6007-053-S96
Contract ID No.: C00099256DB53

PAY ITEMS AND ASSOCIATED QUANTITIES

The associated quantities for the asphalt pricing adjustment and fuel adjustment provisions which American Infrastructure-VA, Inc. elects to use for the Sycolin Road Overpass of the Route 7/15 Bypass price proposal are as follows:

Attachment 6.3(a) Asphalt Price Adjustments

ITEM NUMBER	ITEM DESCRIPTION	QUANTITY	UNIT
10643	Asphalt Concrete TY. BM-25.0A	4,900	TON
10635	Asphalt Concrete TY. SM-9.5A	1,500	TON
10610	Asphalt Concrete TY IM-19.0A	3,400	TON
10636	Asphalt Concrete TY. SM-9.5D	1,300	TON

Attachment 6.3(c) Fuel Price Adjustments

ITEM NUMBER	ITEM DESCRIPTION	QUANTITY	UNIT	FUEL FACTOR gal/unit
10610	Asphalt Concrete TY IM-19.0A	3,400	TON	3.500
10635	Asphalt Concrete TY. SM-9.5A	1,500	TON	3.500
10636	Asphalt Concrete TY. SM-9.5D	1,300	TON	3.500
10643	Asphalt Concrete TY. BM-25.0A	4,900	TON	3.500
00120	Regular Excavation	2,000	CY	0.290
00140	Borrow Excavation	48,000	CY	0.290
00522	Concrete Class A4 Box Culvert	1,200	CY	1.892
00505	Bedding Material AGGR NO. 25 or 26	425	TON	1.665
00212	Minor Structural Excavation Box Culvert	1,300	CY	0.290
10113	Aggr. Base Matl. TY. 1 No. 21A or 21B	800	TON	0.600
10128	Aggr. Base Matl. TY. 1 No. 21B	7,200	TON	0.600
65013	Concrete Class A3	520	CY	1.892
65014	Concrete Class A4	850	CY	1.892

**EXHIBIT 6.3(a)
ADJUSTMENT FOR ASPHALT**

**SPECIAL PROVISION FOR
ASPHALT MATERIAL PRICE ADJUSTMENT
DESIGN-BUILD PROJECTS**

June 30, 2011

In the event the Design-Builder elects to seek adjustment for asphalt items designated in the Price Proposal\Contract as Price Adjustment Items such items will be subject to price adjustment as set forth herein. Other items will not be adjusted, except as otherwise specified in the contract. If new pay items which contain Asphalt Material are established by Work Order, they will not be subject to Price Adjustment unless specifically designated in the Work Order to be subject to Price Adjustment.

Each month, the Department will publish an average state-wide PG 64-22 f.o.b. price per ton developed from the average terminal prices provided to the Department from suppliers of asphalt cement to contractors doing work in Virginia. The Department will collect terminal prices from approximately 12 terminals each month. These prices will be received once each month from suppliers on or about the last weekday of the month. The high and low prices will be eliminated and the remaining values averaged to establish the average statewide price for the following month. That monthly state-wide average price will be posted on the Scheduling and Contract Division website on or about the first weekday of the following month.

This monthly statewide average price will be the Base Index for all contracts on which bids are received during the calendar month of its posting and will be the Current Index for all asphalt placed during the calendar month of its posting. In the event an index changes radically from the apparent trend, as determined by the Engineer, the Department may establish an index which is determined to best reflect the trend.

The amount of adjustment applied will be based on the difference between the Price Proposal\Contract Base Index and the Current Index for the applicable calendar month during which the work is performed. Adjustment of any asphalt material item designated as a price adjustment item which does not contain PG 64-22, except PG 76-22, will be based on the indexes for PG 64-22. The quantity of asphalt cement for asphalt concrete pavement to which adjustment will be applied will be the quantity based on the percent of asphalt cement shown on the appropriate approved job mix formula.

The quantity of asphalt emulsion for surface treatments to which adjustment will be applied will be the quantity based on 65 percent residual asphalt.

Price adjustment will be shown as a separate entry on the monthly application of payment for work packages completed; however, such adjustment will not be included in the total cost of the work for progress determination or for extension of contract time.

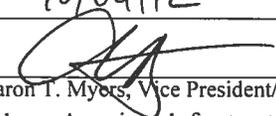
In order to be eligible for asphalt price adjustment under this provision, the Design-Builder shall clearly identify in its Price Proposal those pay items and the associated quantities it chooses to have asphalt price adjustment applied to in its work packages. Items the Design-Builder claims in its application of payment for asphalt adjustments must be properly designated in order to be considered for adjustment. Items not properly designated or left out of the Design-Builder's Price Proposal will automatically not be considered for adjustment.

Any apparent attempt to unbalance bids in favor of items subject to price adjustment or failure to submit required cost and price data as noted hereinbefore may result in rejection of items for asphalt adjustment.

I elect to use this provision

I elect not to use this provision

Date: 10/04/12

Signature: 

Aaron T. Myers, Vice President/GM

Design-builder: American Infrastructure-VA, Inc.

Vendor No.: G303

EXHIBIT 6.3(b)

Form C-16a
7-13-05

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PRICE ADJUSTMENT

INSTRUCTIONS - This form is to be completed and returned ONLY when asphalt concrete items are designated for price adjustment on the bid price sheets.

PROJECT NUMBER:

DISTRICT:

Bid Prices in this contract for items containing PG 64-22 asphalt cement were developed using an f.o.b. price of \$ 573.33 per IMPERIAL ton for PG 64-22. This quote will be averaged into the monthly price index.

Bid Prices in this contract for items containing PG 76-22 asphalt cement were developed using an f.o.b. price of \$ N/A per IMPERIAL ton for PG 76-22. This quote is project specific.
(When required by provisions)

Price quotes signed by each supplier from which the Design-Builder proposes to obtain PG 64-22 or PG 76-22 shall be maintained by the successful bidder. These quotes shall be retained on site during the life of the Contract for review by the Engineer upon request.

I elect to use this provision
 I elect not to use this provision

DATE: 10-04-12

SIGNATURE: 
Aaron T. Myers, Vice President/General Manager

American Infrastructure-VA, Inc.
(Firm or Corporation)

G303
(Vendor No.)

**EXHIBIT 6.3 (c)
ADJUSTMENT FOR FUEL**

**VIRGINIA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION FOR
OPTIONAL ADJUSTMENT FOR FUEL
DESIGN-BUILD PROJECTS**

June 30, 2011

In the event the Design-Builder elects to seek adjustment for fuel items designated in the Price Proposal/Contract as Price Adjustment Items such items will be subject to price adjustment as set forth herein. Other items will not be adjusted, except as otherwise specified in the contract.

The Design-Builder will submit their monthly application for payment associated with eligible work packages with an adjustment up or down as appropriate for cost changes in fuel used on specific items of work identified in this provision. A master listing of standard items eligible for fuel adjustment is provided by the Department on its website at the following link <http://www.virginiadot.org/business/resources/masteroptionalfuelitems.pdf>. The listing on the web site also includes the corresponding fuel factor for each item. The fuel usage factor for each item is considered inclusive of all fuel usage.

The amount of adjustment will be computed from the change in the indexes and the on-site fuel use as shown in the Department's master listing of eligible items.

In order to be eligible for fuel adjustment under this provision, the Design-Builder shall clearly identify in its Price Proposal those pay items and the associated quantities it chooses to have fuel adjustment applied to in its work packages. Items the Design-Builder claims in its application of payment for fuel adjustments must be properly designated in order to be considered for adjustment. Items not properly designated or left out of the Design-Builder's Price Proposal will automatically not be considered for adjustment.

The monthly index price to be used in the administration of this provision will be calculated by the Department from the Diesel fuel prices published by the U. S. Department of Energy, Energy Information Administration on highway diesel prices, for the Lower Atlantic region. The monthly index price will be the price for diesel fuel calculated by averaging each of the weekly posted prices for that particular month.

For the purposes of this provision, the base index price will be calculated using the data from the month preceding the receipt of bids. The base index price will be posted by the Department at the beginning of the month for all bids received during that month.

The current index price will be posted by the Department and will be calculated using the data from the month preceding the particular estimate being vouchered for payment.

The current monthly quantity for eligible items of work selected by the Design-Builder for fuel adjustment in its work packages will be multiplied by the appropriate fuel factor to determine the gallons of fuel to be cost adjusted. The amount of adjustment per gallon will be the net difference between the current index price and the base index price. Computation for adjustment will be made as follows:

$$S = (E - B) QF$$

Where; S = Monetary amount of the adjustment (plus or minus)

B = Base index price

E = Current index price

Q = Quantity of individual units of work
F = Appropriate fuel factor

Adjustments will not be made for work performed beyond the original contract time limit unless the original time limit has been changed by an executed Work Order.

If new pay items are added to this contract by Work Order and they are listed in the Department's master listing of eligible items, the Work Order must indicate which of these individual items will be fuel adjusted; otherwise, those items will not be fuel adjusted. If applicable, designating which new pay items will be added for fuel adjustment must be determined during development of the Work Order and clearly shown on the Work Order form. The Base Index price on any new eligible pay items added by Work Order will be the Base Index price posted for the month in which bids were received for that particular project. The Current Index price for any new eligible pay items added by Work Order will be the Index price posted for the month preceding the estimate on which the Work Order is paid.

When quantities differ between the last monthly application of payment prepared upon final acceptance and the final application of payment, adjustment will be made using the appropriate current index for the period in which that specific item of work was last performed.

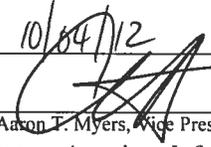
In the event any of the base fuel prices in this contract increase more than 100 percent (i.e. fuel prices double), the Department will review each affected item of work and give the Design-Builder written notice if work is to stop on any affected item of work. The Department reserves the right to reduce, eliminate or renegotiate the price for remaining portions of affected items of work.

Any amounts resulting from fuel adjustment will not be included in the total cost of work for determination of progress or for extension of contract time.

I elect to use this provision

I elect not to use this provision

Date: 10/04/12

Signature: 
Aaron T. Myers, Vice President/GM

Design-builder: American Infrastructure-VA, Inc.

Vendor No.: G303

**EXHIBIT 6.3(d)
ADJUSTMENT FOR STEEL**

**VIRGINIA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION FOR
PRICE ADJUSTMENT FOR STEEL
DESIGN-BUILD PROJECTS**

June 30, 2011

In the event the Design-Builder elects to seek adjustment for steel items designated in the Price Proposal/Contract as Price Adjustment Items such items will be subject to price adjustment as set forth herein. If new pay items which involve steel are established by Work Order, they will not be subject to Price Adjustment unless specifically designated in the Work Order to be subject to Price Adjustment.

The Design-Builder will submit their monthly application for payment associated with eligible work packages with an adjustment up or down as appropriate for cost changes in steel used on specific items of work identified in the Price Proposal/contract in accordance with this provision. Provided at the end of this provision is a master listing of standard bid items the Department has determined are eligible for steel price adjustment. Inventoried materials from the listing of eligible items are specifically excluded for consideration. In addition, concrete items where reinforcing steel is normally included in the unit bid price for the item such as (but not limited to) drop inlets, median barriers, sound barrier walls, bridge railing and parapets, are not eligible for consideration under this provision.

The requirements of this provision shall apply only to material cost changes that occur between the date of the opening of the Price Proposal and the date the material is shipped to the fabricator. To be eligible for this price adjustment, Design-Builder is required to fill out the accompanying Form for Price Adjustment for Eligible Steel Items on Design-Build Projects and submit the same with its Price Proposal for the Project. By signing the Form and submitting it with its Price Proposal Design-Builder declares its intention to participate in the price adjustment in its contract with the Department. For the purposes of this provision, the prices listed on the Form for Price Adjustment for Eligible Steel Items on Design-Build projects are fixed for cost and adjustment calculations regardless of quantities incorporated into final design. Further, in order for steel items to be eligible for adjustment, once shipped to the fabricator, the items shall be specifically stored, labeled, or tagged, recognizable by color marking, and identifiable by project for inspection and audit verification.

Design-Builder shall upon request furnish documentation supporting the price per pound for eligible steel items as shown on the Form for Price Adjustment for Eligible Steel Items on Design-Build Projects furnished with its Price Proposal. Design-Builder must use the format as shown with this Form; no other format for presenting this information will be permitted. Design-Builder shall certify that all items of documentation are original and were used in the computation of the price per pound amount for the represented eligible pay items for the month the Price Proposal was opened. This documentation shall support the base line material price ("Base Price") of the steel item only. Base price per pound shall not include the following cost components: fabrication, shipping, storage, handling, and erection.

Failure to submit all documentation required or requested supporting the per pound prices on eligible steel items will result in Design-Builder being ineligible for a price adjustment of any or all steel items.

Price adjustment of each qualifying item under consideration will be subject to the following condition:

There is an increase or decrease in the cost of eligible steel materials in excess of 10 percent up to a maximum of 60 percent from the Base Price when compared with the latest published price index ("Price Index") in effect at the time material is shipped to the fabricator.

The Price Index the Department is using is based on The U.S. Department of Labor, Bureau of Labor Statistics, Producers Price Index (PPI) which measures the average price change over time of the specific

steel eligible item from the perspective of the seller of goods. The Master List table provided at the end of this provision indicates the Producers Price Index (PPI) steel category index items and the corresponding I.D. numbers to which VDOT items will be compared. **Please note:** The Producers Price Index (PPI) is subject to revision 4 months after original publication, therefore, price adjustments and payments will not be made until the index numbers are finalized.

The price adjustment will be determined by computing the percentage of change in index value beyond 10 percent above or below the index on the date of opening of Design-Builder's Price Proposal to the index value on the date the steel material is shipped to the fabricator (Please see included sample examples). Weights and date of shipment must be documented by a bill of lading provided to the Department. The final price adjustment dollar value will be determined by multiplying this percent increase or decrease in the index (after 10%) by the represented quantity of steel shipped, by the Base Price per pound subject to the limitations herein.

Price increase/decrease will be computed as follows:

$$A = B \times P \times Q$$

- Where;
- A = Steel price adjustment in lump sum dollars
 - B = Average weighted price of steel submitted in Design-Builder's Price Proposal for project in price per pound as listed on the Form for Price Adjustment for Eligible Steel Items on Design-Build Project
 - P = Adjusted percentage change in PPI average from shipping date to date of opening of Price Proposal minus 10% (0.10) threshold
 - Q = Total quantity of steel in pounds shipped to fabricator for specific project

The need for application of the adjustments herein to extra work will be determined by the Engineer on an individual basis and, if appropriate, will be specified on the Work Order.

This price adjustment is capped at 60 percent. This means the maximum "P" value for increase or decrease that can be used in the above equation is 50% (60%-10% threshold).

Calculations for price adjustment shall be shown separate from the monthly progress payment for work packages and will not be included in the total cost of work for determination of progress or for extension of contract time.

Upon Department review and due process consideration for redress by Design-Builder, any apparent evidence to unbalance the price supplied by Design-Builder in favor of items subject to price adjustment will result in ineligibility for Department participation under this provision.

Sample Calculation of a Price Adjustment (increase)

Project bid on April 28, 2004.

Project has 450,000 lb. of eligible structural steel.

Design Builder's *f.o.b. supplier price for structural steel submitted in the Price Proposal is \$0.2816 per pound.

*free on board

Adjusted** BLS Producers Price Index (PPI) most recently published average at time of opening of the Price Proposal is 139.6.

All eligible steel shipped to fabricator in same month, October 2004.

Adjusted BLS Producers Price Index (PPI) most recently published average for month of October is 161.1

Adjustment formula is as follows:

$$A = B \times P \times Q$$

- Where;
- A = Steel price adjustment in lump sum dollars
 - B = Average weighted price of steel submitted in the Price Proposal for Design-Build project in \$ per pound
 - P = Adjusted percentage change in PPI average from shipping date to date of submitted Price Proposal minus 10% (0.10) threshold
 - Q = Total quantity of eligible steel shipped to fabricator in October 2004 for this project in pounds

$$B = \$0.2816$$

$$P = (161.1 - 139.6) / 139.6 - 0.10 = 0.054$$

$$Q = 450,000 \text{ lb.}$$

$$A = 0.2816 \times 0.054 \times 450,000$$

$$A = \$6,842.88 \text{ pay adjustment to Design-Builder}$$

Sample Calculation of a Price Adjustment (decrease)

Project bid on April 28, 2004.

Project has 450,000 lb. of eligible structural steel.

Design-Builder's *f.o.b. supplier price for structural steel submitted in the Price Proposal is \$0.2816 per pound. *free on board

Adjusted BLS Producers Price Index (PPI) most recently published average at time of opening of the Price Proposal is 156.6.

All eligible steel shipped to fabricator in same month, October 2004.

Adjusted BLS Producers Price Index (PPI) most recently published average for month of October is 136.3

Adjustment formula is as follows:

$$A = B \times P \times Q$$

- Where;
- A = Steel price adjustment in lump sum dollars
 - B = Average weighted price of steel submitted in the Price Proposal for Design-Build project in \$ per pound
 - P = Adjusted percentage change in PPI average from shipping date to date of submitted Price Proposal minus 10% (0.10) threshold
 - Q = Total quantity of eligible steel shipped to fabricator in October 2004 for this project in pounds

$$B = \$0.2816$$

$$P = (156.6 - 136.3)/156.6 - 0.10 = 0.030$$

$$Q = 450,000 \text{ lb.}$$

$$A = 0.2816 \times 0.030 \times 450,000$$

$$A = \$3,801.60 \text{ credit to Department}$$

MASTER LISTING

STANDARD BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT

March 18, 2009

BLS Series I. D.

ITEM NUMBER	ITEM DESCRIPTION	UNITS	Number WPU used in \$ adjust.
00519	SHEET PILE, STEEL	SF	avg. 1017 & 101
00540	REINF. STEEL	LB	101704
00542	EPOXY COATED REINF. STEEL	LB	101704
00560	STRUCTURAL STEEL JB-1	LB	avg. 1017 & 101
11030	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
11181	PATCH.HYDR.CEM.CONC. PAVE.	SY	101704
13290	GUARDRAIL GR-8 (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13292	GUARDRAIL GR-8A (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13294	GUARDRAIL GR-8B (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13310	GUARDRAIL TERMINAL GR-6 (NCHRP 350)	LF	avg. 1017 & 101
13320	GUARDRAIL GR-2	LF	avg. 1017 & 101
13323	GUARDRAIL GR-2A	LF	avg. 1017 & 101
13331	RAD. GUARDRAIL GR-2	LF	avg. 1017 & 101
13333	RAD. GUARDRAIL GR-2A	LF	avg. 1017 & 101
13335	GUARDRAIL GR-3	LF	avg. 1017 & 101
13341	GUARDRAIL TER. GR-6(WEATHERING STEEL	LF	avg. 1017 & 101
13351	GUARDRAIL GR-8	LF	avg. 1017 & 101
13352	GUARDRAIL GR-8A	LF	avg. 1017 & 101
13353	GUARDRAIL GR-8B	LF	avg. 1017 & 101
13355	GUARDRAIL GR-10	LF	avg. 1017 & 101
13421	MEDIAN BARRIER MB-3	LF	avg. 1017 & 101
13450	MEDIAN BARRIER MB-5	LF	avg. 1017 & 101
13451	MEDIAN BARRIER MB-5A	LF	avg. 1017 & 101
13452	MEDIAN BARRIER MB-5B	LF	avg. 1017 & 101
13545	REINF. STEEL	LB	101704
14502	REINFORCING STEEL	LB	101704
15290	PATCH.CEM.CONC.PAVE.TY.CRCP-A	SY	101704
15302	PATCH.CEM.CONC.PAVE. TY. II	SY	101704
15305	PATCH.CEM.CONC.PAVE.TY. IV-A	SY	101704
17323	GUARDRAIL BEAM *	LF	avg. 1017 & 101
17325	RADIAL GUARDRAIL BEAM *	LF	avg. 1017 & 101
17327	RUB RAIL	LF	avg. 1017 & 101
17353	CABLE GR-3	LF	avg. 1017 & 101
17521	GUARDRAIL BEAM (WEATHERING STEEL)	LF	avg. 1017 & 101
17523	RADIAL GUARDRAIL BEAM (WEATHERING STEEL)	LF	avg. 1017 & 101
17525	RUB RAIL (WEATHERING STEEL)	LF	avg. 1017 & 101
22501	FENCE FE-W1	LF	avg. 1017 & 101
22643	FENCE FE-CL	LF	avg. 1017 & 101
22645	FENCE FE-CL VINYL COATED	LF	avg. 1017 & 101
23043	WATER GATE FE-4 TY.III	LF	avg. 1017 & 101
23501	FENCE FE-W1 (FABRIC ONLY)	LF	avg. 1017 & 101
45522	4" STEEL ENCASE. PIPE	LF	101706
45532	6" STEEL ENCASE. PIPE	LF	101706
45562	16" STEEL ENCASE. PIPE	LF	101706
45572	18" STEEL ENCASE. PIPE	LF	101706

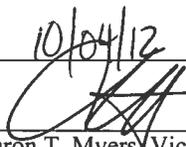
45582	24" STEEL ENCASE. PIPE	LF	101706
45584	24" JACKED STEEL ENCASMENT PIPE	LF	101706
45592	30" STEEL ENCASE. PIPE	LF	101706
50402	SIGN POST STEEL 3"	LF	101706
50404	SIGN POST STEEL 4"	LF	101706
50406	SIGN POST STEEL 6"	LF	101706
50410	SIGN POST STEEL 10"	LF	101706
50412	SIGN POST STEEL 12"	LF	101706
50414	SIGN POST STEEL 14"	LF	101706
50416	SIGN POST STEEL 16"	LF	101706
50418	SIGN POST STEEL 18"	LF	101706
51317	SIG. POLE MP-1 20' ONE ARM 30'	EA	101706
51319	SIG. POLE MP-1 20' ONE ARM 32'	EA	101706
51325	SIG. POLE MP-1 20' ONE ARM 38'	EA	101706
51327	SIG. POLE MP-1 20' ONE ARM 40'	EA	101706
51329	SIG. POLE MP-1 20' ONE ARM 42'	EA	101706
51331	SIG. POLE MP-1 20' ONE ARM 44'	EA	101706
51337	SIG. POLE MP-1 20' ONE ARM 50'	EA	101706
51339	SIG. POLE MP-1 20' ONE ARM 52'	EA	101706
51341	SIG. POLE MP-1 20' ONE ARM 54'	EA	101706
51344	SIG. POLE MP-1 20' ONE ARM 56'	EA	101706
51346	SIG. POLE MP-1 20' ONE ARM 58'	EA	101706
51347	SIG. POLE MP-1 20' ONE ARM 60'	EA	101706
51348	SIG. POLE MP-1 20' ONE ARM 62'	EA	101706
51368	SIG.POLE MP-1 20'TWO ARMS 36'& 42'	EA	101706
51400	SIG.POLE MP-1 CO.LU.ONE ARM 38	EA	101706
51402	SIG.POLE MP-1 CO.LU.ONE ARM 40	EA	101706
51408	SIG.POLE MP-1 CO.LU.ONE ARM 46	EA	101706
51412	SIG.POLE MP-1 CO.LU.ONE ARM 50	EA	101706
51414	SIG.POLE MP-1 CO.LU.ONE ARM 52	EA	101706
51416	SIG.POLE MP-1 CO.LU.ONE ARM 54	EA	101706
51418	SIG.POLE MP-1 CO.LU.ONE ARM 56	EA	101706
51420	SIG.POLE MP-1 CO.LU.ONE ARM 58	EA	101706
51422	SIG.POLE MP-1 CO.LU.ONE ARM 60	EA	101706
55162	LIGHTING POLE LP-1 30'-4'	EA	101706
55163	LIGHTING POLE LP-1 30'-6'	EA	101706
55166	LIGHTING POLE LP-1 30'-12'	EA	101706
55169	LIGHTING POLE LP-1 35'-6'	EA	101706
55171	LIGHTING POLE LP-1 35'-10'	EA	101706
55176	LIGHTING POLE LP-1 40'-8'	EA	101706
55185	LIGHTING POLE LP-2 TYPE A	EA	101706
55186	LIGHTING POLE LP-2 TYPE B	EA	101706
55187	LIGHTING POLE LP-2 TYPE C	EA	101706
55188	LIGHTING POLE LP-2 TYPE D	EA	101706
55189	LIGHTING POLE LP-2 TYPE E	EA	101706
55190	LIGHTING POLE LP-2 TYPE F	EA	101706
55192	LIGHTING POLE LP-2 TYPE H	EA	101706
60452	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
61700	REINF. STEEL	LB	101704
61704	CORROSION RESISTANT REINF. STEEL	LB	101704
61705	EPOXY COATED REINF. STEEL	LB	101704
61750	STRUCT.STEEL HIGH STRG.PLT.GIRDERS	LB	avg. 1017 & 101
61811	STR.STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
61812	STR.STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
61813	STR.STEEL PLATE GIRDER ASTM A709 GRADEHPS50W	LB	avg. 1017 & 101
61814	STR.STEEL PLATE GIRDER ASTM A709 GRADEHPS70W	LB	avg. 1017 & 101
61820	STR.STEEL ROLLED BEAM ASTM A709 GRADE 36	LB	avg. 1017 & 101

61821	STR.STEEL ROLLED BEAM ASTM A709 GRADE50	LB	avg. 1017 & 101
61822	STR.STEEL ROLLED BEAM ASTM A709 GRADE50W	LB	avg. 1017 & 101
61990	STEEL GRID FLOOR	SF	avg. 1017 & 101
64110	STEEL PILES 10"	LF	avg. 1017 & 101
64112	STEEL PILES 12"	LF	avg. 1017 & 101
64114	STEEL PILES 14"	LF	avg. 1017 & 101
64768	DRIVING TEST FOR 12" STEEL PILE	LF	avg. 1017 & 101
64778	DRIVING TEST FOR 14" STEEL PILE	LF	avg. 1017 & 101
65200	REINF. STEEL	LB	101704
65204	CORROSION RESISTANT REINF. STEEL	LB	101704
65205	EPOXY COATED REINF. STEEL	LB	101704
67086	PED. FENCE 6'	LF	avg. 1017 & 101
67088	PED. FENCE 8'	LF	avg. 1017 & 101
67089	PED. FENCE 10'	LF	avg. 1017 & 101
68100	REINF. STEEL	LB	101704
68104	CORROSION RESISTANT REINF. STEEL	LB	101704
68105	EPOXY COATED REINF. STEEL	LB	101704
68107	STR.STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
68108	STR. STEEL PLATE GIRDER ASTM A709 GR50W	LB	avg. 1017 & 101
68109	STR. STEEL PLATE GIRDER ASTM A709 GR.HPS50W	LB	avg. 1017 & 101
68110	STR. STEEL PLATE GIRDER ASTM A709 GR.HPS70W	LB	avg. 1017 & 101
68112	STR.STEEL ROLLED BEAM ASTM A709 GR.36	LB	avg. 1017 & 101
68113	STR.STEEL ROLLED BEAM ASTM A709 GR.50	LB	avg. 1017 & 101
68114	STR.STEEL ROLLED BEAM ASTM A709 GR. 50W	LB	avg. 1017 & 101
68115	STRUCT. STEEL	LB	avg. 1017 & 101
68270	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
69060	SHEET PILES, STEEL	SF	avg. 1017 & 101
69100	REINF. STEEL	LB	101704
69104	CORROSION RESISTANT REINF. STEEL	LB	101704
69105	EPOXY COATED REINF. STEEL	LB	101704
69110	STEEL PILES 10"	LF	avg. 1017 & 101
69112	STEEL PILE 12"	LF	avg. 1017 & 101
69113	DRIVING TEST FOR 12" STEEL PILE	LF	avg. 1017 & 101

I elect to use this provision

I elect not to use this provision

Date: 10/04/12

Signature: 

Aaron T. Myers, Vice President/GM

Design-Builder: American Infrastructure-VA, Inc.

Vendor No.: G303

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE AMERICAN INFRASTRUCTURE-VA, INC. As principal, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND AND * Surety, are held and firmly bound unto the Commonwealth of Virginia as obligee, in the amount of FIVE PERCENT OF THE DOLLAR VALUE OF THE BID, lawful money of the United States of America, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally and firmly by these presents.

*ZURICH AMERICAN INSURANCE COMPANY

SIGNED, sealed and dated this 4th Day of October, 20 12

WHEREAS, the above said principal is herewith submitting its proposal for:

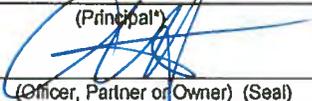
PROJECT NUMBER: **6007-053-S96** Federal Project No.: STP-5A01(229)
Contract ID Number: C00099256DB53

Sycolin Road Overpass of the Route 7/15 Bypass in Leesburg

NOW, THEREFORE, the condition of the above obligee is such, that if the aforesaid principal shall be awarded the contract upon said proposal and shall within the time specified in the Specifications after the notice of such award enter into a contract and give bond for the faithful performance of the contract, then this obligation shall be null and void; otherwise to remain in full force and effect and the principal and surety will pay unto the obligee the difference in money between the amount of the bid of the said principal and the amount for which the obligee may legally contract with another party to perform the said work if the latter amount be in excess of the former; but in no event shall the liability exceed the penal sum hereof.

AMERICAN INFRASTRUCTURE-VA, INC.

FIDELITY AND DEPOSIT COMPANY OF MARYLAND

(Principal*)
By: 
(Officer, Partner or Owner) (Seal)
Aaron T. Myers, Vice President/General Mgr

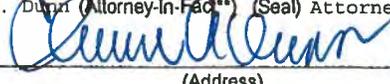
(Principal*)

Christine A. Dunn (Surety Company) Attorney-in-Fact
By: 
(Attorney-in-Fact**) (Seal)
600 Red Brook Blvd., 4th Floor
Owings Mills, MD 21117

(Address)

By: _____
(Officer, Partner or Owner) (Seal)

(Principal*)

By: ZURICH AMERICAN INSURANCE COMPANY
(Surety Company)
1400 American Lane
Schaumburg, IL 60196
Christine A. Dunn (Attorney-in-Fact**) (Seal) Attorney-in-Fact
By: 
(Address)

*Note: If the principal is a *joint venture*, each party thereof must be named and execution made by same hereon. If there is more than one surety to the bid bond, each surety must be named and execution shall be made by same hereon.
Electronic Bid Only: In lieu of completing the above section of the Contract Performance Bond, the Principal shall file an Electronic Bid Bond when bidding electronically. By signing below the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the Commonwealth of Virginia under the same conditions of the bid bond as shown above.

Electronic Bid Bond ID# _____ Company/Bidder Name _____ Signature and Title _____

**Attach copy of Power of Attorney

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 4th day of October, 20 12.



A handwritten signature in cursive script that reads "James M. Carroll".

James M. Carroll, Vice President

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **GEOFFREY DELISIO, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Harry C. ROSENBERG, David C. ROSENBERG, Matthew J. ROSENBERG, David A. JOHNSON, Christine A. DUNN, Denise M. BRUNO, Julia R. BURNET, Kimberly G. RIVELY, Michelle G. HIGGINS and Joyce M. HOFFMAN, all of King of Prussia, Pennsylvania, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 20th day of July, A.D. 2012.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



Gerald F. Haley

By: _____

*Assistant Secretary
Gerald F. Haley*

Geoffrey Delisio

*Vice President
Geoffrey Delisio*

State of Maryland
City of Baltimore

On this 20th day of July, A.D. 2012, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **GEOFFREY DELISIO, Vice President, and GERALD F. HALEY, Assistant Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Maria D. Adamski

Maria D. Adamski, Notary Public
My Commission Expires: July 8, 2015



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

PROJECT: Sycolin Road Overpass of the Route 7/15 Bypass in Leesburg
State Project No.: 6007-053-S96 Contract ID No.: C00099256DB53

FHWA: STP-5A01(229)

This form must be completed, signed and returned with bid; and failure to do so may result in the rejection of your bid. **THE CONTRACTOR SHALL AFFIRM THE FOLLOWING STATEMENT EITHER BY SIGNING THE AFFIDAVIT AND HAVING IT NOTARIZED OR BY SIGNING THE UNSWORN DECLARATION UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE UNITED STATES.** A SEPARATE FORM MUST BE SUBMITTED BY EACH PRINCIPAL OF A JOINT VENTURE BID.

STATEMENT. In preparation and submission of this bid, I, the firm, corporation or officers, agents or employees thereof did not, either directly or indirectly, enter into any combination or arrangement with any persons, firm or corporation or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1) or Article 1.1 or Chapter 12 of Title 18.2 (Virginia Governmental Frauds Act), Sections 59.1-9.1 through 59.1-9.17 or Sections 59.1-68.6 through 59.1-68.8 of the Code of Virginia.

AFFIDAVIT

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at Henrico County (Glen Allen), VA this 4th day of OCTOBER, 20 12
County (City), STATE
American Infrastructure-VA, Inc. By: [Signature] VP/IGM
(Name of Firm) (Signature) Title (print)
STATE of Virginia COUNTY (CITY) of Henrico (Glen Allen)

To-wit: I Madelyn R. Treadwell, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Aaron T. Myers

personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 4th day of OCTOBER, 20 12
[Signature] My Commission expires October 31, 2013
Notary Public

OR
UNSWORN DECLARATION

MADELYN R. TREADWELL
NOTARY PUBLIC
REGISTRATION # 7252360
COMMONWEALTH OF VIRGINIA
MY COMMISSION EXPIRES
October 31, 2013

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at _____, this _____ day of _____, 20 ____
County (City), STATE

(Name of Firm) By: _____ (Signature) _____ Title (print)

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT**

PROJECT: Sycolin Road Overpass of the Route 7/15 Bypass in Leesburg
State Project No.: 6007-053-S96 Contract ID no.: C00099256DB53

FHWA: STP-5A01(229)

This form must be completed, signed, notarized and returned with bid; and failure to do so, may result in the rejection of your bid. A separate form must be submitted by each principal of a joint venture bid.

1. I, the firm, corporation or officers, agents or employees thereof have neither directly nor indirectly entered into any combination or arrangement with any person, firm or corporation or entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract, the effect of which is to prevent competition or increase the cost of construction or maintenance of roads or bridges.

During the preceding twelve months, I (we) have been a member of the following Highway Contractor's Associations, as defined in Section 33.1-336 of the Code of Virginia (1970). (If none, so state).

NAME	Location of Principal Office
N/A	
_____	_____
_____	_____
_____	_____

2. I (we) have _____, have not , participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, and that I/We have , have not _____, filed with the joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Note: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor [41 CFR 60-1.7(b)(1)], and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contract or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contract and subcontract unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

(Continued)

3. The bidder 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 judgement rendered against them for commission of fraud or a criminal offence in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation 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 above; and
 - (d) Where the bidders is unable to certify to any of the statements in this certification, the bidder shall show an explanation below.

Explanations will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any explanation noted, indicate below to whom it applies, initiating agency, and dates of action. Providing false information may result in federal criminal prosecution or administration sanctions. The bidder shall provide immediate written notice to the Department if at any time the bidder learns that its certification was erroneous when submitted or has become erroneous by reason of change circumstances.

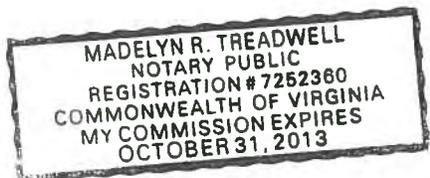
The undersigned is duly authorized by the bidder to make the foregoing statements to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at Henrico (Glen Allen), Virginia this 4th day of OCTOBER, 20 12
County (City), STATE
American Infrastructure-VA, Inc. By: [Signature] VP/IGM
(Name of Firm) (Signature) Title (print)
STATE of Virginia COUNTY (CITY) of _____

I Madelyn R. Treadwell, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Aaron T. Myers

personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 4th day of October, 20 12
[Signature] My Commission expires October 31, 2013
Notary Public



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
MINIMUM DBE REQUIREMENTS

PROJECT NO. 6007-053-S96

FHWA NO. STP-5A01(229)

*** INSTRUCTIONS ***

THIS FORM CAN BE USED BY THE CONTRACTOR TO SUBMIT THE NAMES OF DBE FIRMS TO BE UTILIZED ON THE PROJECT. THE CONTRACTOR SHALL INDICATE THE DESCRIPTION OF THE CATEGORY (S, M, SP or H) AND THE TYPE OF WORK THAT EACH DBE WILL PERFORM AND THE ALLOWABLE CREDIT PER ITEM(S). ADDITIONAL SHEETS TO SHOW THE ALLOWABLE CREDIT PER ITEM MAY BE ATTACHED IF NECESSARY. **PLEASE NOTE:** THE AMOUNT OF ALLOWABLE CREDIT FOR A DBE SUPPLIER IS 60% OF THE TOTAL COST OF THE MATERIALS OR SUPPLIES OBTAINED AND 100% FOR A DBE MANUFACTURER OF THE MATERIALS AND SUPPLIES OBTAINED. A CONTRACTOR MAY COUNT 100% OF THE FEES PAID TO A DBE HAULER FOR THE DELIVERY OF MATERIALS AND SUPPLIES TO THE PROJECT SITE, BUT NOT FOR THE COST OF THE MATERIALS AND SUPPLIES THEMSELVES.

DBE REQUIREMENT 20 %
PERCENT ATTAINED BY BIDDER 20 %

NAMES(S) AND CERTIFICATION NO. OF DBE(S) TO BE USED	USED AS SUBCONTR. (S) MFG. (M) SUPPLIER (SP) HAULER (H)	TYPE OF WORK AND ITEM NO(S)	\$ AMOUNT OF ALLOWABLE CREDIT PER ITEM
650392 A+P Services LLC	(S)	238990 - Guardrail	\$57,000.00
000107 Brothers Signal Company, Inc	(S)	238210 - Electrical Construction	\$457,000.00
664569 C L S Trucking, LLC	(H)	484110 - General Freight Trucking	\$135,000.00
626549 D+W Fence, Incorporated	(S)	238990 - Fence Installation	\$243,000.00
626596 D T Reel Steel Co., Inc.	(S)	238120 - Rebar Installation	\$34,000.00
687645 DMY Inc.	(S)	541330 - Construction Engineering Services	\$342,000.00
TOTAL			\$Continued on Page 2

TOTAL CONTRACT VALUE \$14,284,500.00 x REQUIRED DBE 20 % = \$2,856,900.00

I/WE CERTIFY THAT THE PROPOSED DBE(S) SUBMITTED WILL BE USED ON THIS CONTRACT AS STATED HEREON AND ASSURE THAT DURING THE LIFE OF THE CONTRACT. I/WE WILL MEET OR EXCEED THE PARTICIPATION ESTABLISHED HEREON BY THE DEPARTMENT.

American Infrastructure - VA, Inc. BY Matthew J. [Signature]
BIDDER SIGNATURE
Purchasing Manager BY October 4, 2012
TITLE DATE

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.: 6007-053-596

Federal Project No.: STP-5A01(229)

This form is to be submitted in accordance with the Department's Special Provision for Section 107.15.

It is hereby certified by the below signed Contractors that there exists a written quote, acceptable to the parties involved preliminary to a binding subcontract agreement stating the details concerning the work to be performed and the price which will be paid for the aforementioned work. This document is not intended to, nor should it be construed to, contain the entire text of the agreement between the contracting parties. This document does not take the place of, nor may it be substituted for, an official subcontracting agreement in those situations that may require such an agreement. A copy of the fully executed *subcontract agreement* shall be submitted to the Engineer within fourteen (14) business days after contract execution.

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Contractors further jointly and severally represent that said binding agreement is for the performance of a "commercially useful function" as that term is employed in 49 C.F.R. Part 26.55 (c), (d).

TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor American Infrastructure - VA, Inc.

By: Matthew J. Summit Purchasing Manager
Signature Title
Date: October 4, 2012

First Tier
Subcontractor if
Applicable

By: _____ Signature _____ Title _____
Date: _____

Second Tier
Subcontractor if
Applicable

By: _____
Signature Title

Date: _____

Third Tier
Subcontractor if
Applicable

By: _____
Signature Title

Date: _____

DBE Contractor

A?P SERVICES, LLC

By: 
Signature

CHIEF EXECUTIVE MANAGER
Title

Date: 10-2-2012

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH

DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.: 6007-053-596

Federal Project No.: STP-5A01(229)

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TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor American Infrastructure - VA, Inc.

By: 
Signature

Purchasing Manager

Title

Date: October 4, 2012

First Tier
Subcontractor if
Applicable

By: _____
Signature

_____ Title

Date: _____

Second Tier
Subcontractor if
Applicable

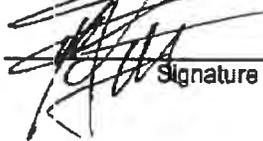
By: _____
Signature Title
Date: _____

Third Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

DBE Contractor

The Brothers Signal Company

By:  _____
Signature Title
Date: 10-2-17

Form C-112
Rev. 3-1-11
Page 1 of 2

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH

DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.: 6007-053-S96

Federal Project No.: STP-5A01(229)

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TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor American Infrastructure - VA, Inc.

By:  Purchasing Manager
Signature Title
Date: October 4, 2012

First Tier
Subcontractor if
Applicable

SUPERIOR PAVING CO-P
By:  Marketing
Signature Title
Date: 10-2-12

Form C-112
Rev. 3-1-11
Page 2 of 2

Second Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

Third Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

DBE Contractor

C.L.S. Trucking LLC.

By: Rebecca Snowgarden manager
Signature Title
Date: 10-2-12

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.: 6007-053-596

Federal Project No.: STP-5A01(229)

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TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor American Infrastructure - VA, Inc.

By: Matthew J. Smith Purchasing Manager
Signature Title
Date: October 4, 2012

First Tier
Subcontractor if
Applicable

By: _____ Signature Title
Date: _____

Second Tier
Subcontractor if
Applicable

By: _____ Signature _____ Title _____
Date: _____

Third Tier
Subcontractor if
Applicable

By: _____ Signature _____ Title _____
Date: _____

DBE Contractor

D and W Fence Inc
By: CW Smith/Owner Signature _____ Title owner
Date: 13 Oct 2012

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.: 6007-053-596

Federal Project No.: STP-5A01(229)

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TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor American Infrastructure-VA, Inc

By:  Purchasing Manager
Signature Title

Date: October 4, 2012

First Tier
Subcontractor if
Applicable

By: _____
Signature Title

Date: _____

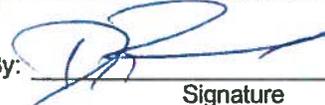
Second Tier
Subcontractor if
Applicable

By: _____ Signature _____ Title _____
Date: _____

Third Tier
Subcontractor if
Applicable

By: _____ Signature _____ Title _____
Date: _____

DBE Contractor

T Read Steel Co., Inc.
By:  Signature _____ Title President _____
Date: 10-1-12

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor American Infrastructure - VA, Inc.

By: Matthew M. [Signature]
Signature

Purchasing Manager
Title

Date: October 4, 2012

First Tier
Subcontractor if
Applicable

By: _____
Signature

_____ Title

Date: _____

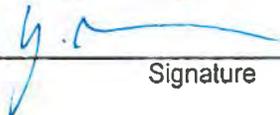
Second Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

Third Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

DBE Contractor

DMY Engineering Consultants, LLC
By: 
Signature Title
Date: September 27, 2012

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH

DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.: 6007-053-596

Federal Project No.: STP-5A01(229)

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TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor American Infrastructure - VA, Inc.

By:  Purchasing Manager
Signature Title
Date: October 4, 2012

First Tier
Subcontractor if
Applicable

By: _____ Signature _____ Title _____
Date: _____

Second Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

Third Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

DBE Contractor **Quinn Consulting Services, Inc.**

By:  _____
Signature Title
Date: **September 27, 2012**

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
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TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor American Infrastructure - VA, Inc.

By: Matthew J. [Signature] Purchasing Manager
Signature Title
Date: October 4, 2012

First Tier
Subcontractor if
Applicable

Cherry Contracting, Inc. / Cherry Precast
By: [Signature] Vice President
Signature Title
Date: 10/3/12

Second Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

Third Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

DBE Contractor

Cherry Contracting, Inc. / Cherry Probst

By: *[Signature]*
Signature Title
Date: *10/3/12*

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
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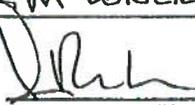
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Prime Contractor American Infrastructure - VA, Inc.

By:  Purchasing Manager
Signature Title
Date: October 4, 2012

First Tier
Subcontractor if
Applicable

AJM Concrete Corp.
By:  Corp. Secretary
Signature Title
Date: 10/3/2012

Second Tier
Subcontractor If
Applicable

By: _____
Signature Title
Date: _____

Third Tier
Subcontractor If
Applicable

By: _____
Signature Title
Date: _____

DBE Contractor

Asim Concrete Corp.

By: [Signature]
Signature Title
Date: 10/3/2012

