

# LETTER OF SUBMITTAL AND ATTACHMENTS VOLUME I

## A DESIGN-BUILD PROJECT

### Park and Ride Lot at I-66/Route 15 Interchange (In the Northeast Quadrant)

Town of Haymarket and Prince William County, Virginia

State Project No.: PR15-076-236

Federal Project No.: STP-5A01(767)

Contract ID No.: C00109486DB99

Date: September 8, 2017



4.0.1.1

# **LETTER OF SUBMITTAL CHECKLIST**

**ATTACHMENT 4.0.1.1**

**Park and Ride Lot at I-66/Route 15 Interchange**

**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.

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

**ATTACHMENT 4.0.1.1**

**Park and Ride Lot at I-66/Route 15 Interchange**

**LETTER OF SUBMITTAL CHECKLIST AND CONTENTS**

<b>Letter of Submittal Component</b>	<b>Form (if any)</b>	<b>RFP Part 1 Cross Reference</b>	<b>Page Reference</b>
<b>Attachments to the Letter of Submittal</b>	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	Vol II



FORM C-78 RFP

**ACKNOWLEDGEMENT OF RFP,  
REVISIONS, AND ADDENDA**

**ATTACHMENT 3.4****COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

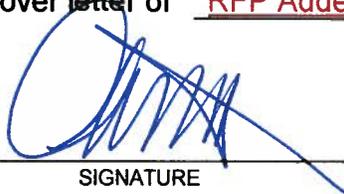
RFP NO. C00109486DB99  
 PROJECT NO.: PR15-076-236, P101, R201, C501

**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 RFP – July 7, 2017  
(Date)
2. Cover letter of RFP Addendum No. 1 – August 8, 2017  
(Date)
3. Cover letter of RFP Addendum No. 2 – August 17, 2017  
(Date)



SIGNATURE

August 18, 2017

DATE

Aaron T. Myers

PRINTED NAME

Vice President/General Manager

TITLE

4.1

# LETTER OF SUBMITTAL



September 8, 2017

Bryan W. Stevenson, P.E.  
Alternative Project Delivery Division  
Virginia Department of Transportation  
1401 East Broad Street  
Richmond, VA 23219

Letter of Submittal/Statement of Qualifications:  
**Park and Ride Lot at I-66/Route 15 Interchange**  
State Project No.: C00109486DB99  
Federal Project No.: STP-5A01(767)  
Contract ID Number: C00109486DB99

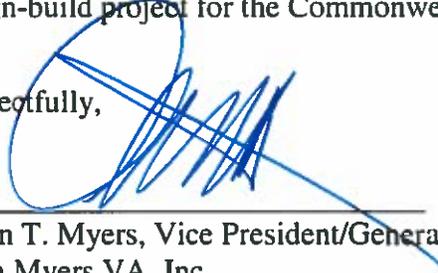
Dear Mr. Bryan Stevenson:

The Allan Myers Team submits the information below as detailed in Section 4.1 of the Request for Proposals:

- 4.1.1 Allan Myers VA, Inc. (301 Concourse Boulevard, Suite 300, Glen Allen, VA 23059) is the legal entity who will execute a contract with VDOT for the Project.
- 4.1.2 Allan Myers VA, Inc. (Myers) intends to enter a contract with VDOT for the Project in accordance with the terms of the RFP.
- 4.1.3 The offer represented by the Price Proposal will remain in full force and effect for one hundred and twenty (120) days after the Proposal is submitted to VDOT on September 8, 2017.
- 4.1.4 Design-Build Project Manager, Thomas Heil, P.E. will serve as the Point of Contact for Myers.  
**Thomas Heil, P.E., Design-Build Project Manager** (571) 485-0387 (Telephone)  
301 Concourse Boulevard, Suite 300 (610) 222-4348 (Fax)  
Glen Allen, VA 23059 tom.heil@allanmyers.com
- 4.1.5 Vice President/General Manager, Aaron Myers is the Principal Officer for Myers.  
**Aaron Myers, Vice President/General Manager** (804) 290-8500 (Telephone)  
301 Concourse Boulevard, Suite 300 (804) 418-7935 (Fax)  
Glen Allen, VA 23059 aaron.myers@allanmyers.com
- 4.1.6 Allan Myers is a registered corporation in the Commonwealth of Virginia and will take full financial responsibility for the Project.
- 4.1.7 Lead Contractor: Allan Myers VA, Inc.; Lead Designer: PRIME AE Group Inc.; Quality Assurance: Quinn Consulting Services Inc.
- 4.1.8 Allan Myers is active, in good standing, and prequalified to bid on the Project. Allan Myers' prequalification number is G303 and evidence of prequalification is included as in Appendix 4.1.8.
- 4.1.9 The Myers Team is committed to achieving a sixteen percent (16%) DBE participation goal for the entire value of the contract.
- 4.1.10 The Myers Team commits to an Interim Milestone of December 11, 2018 and a Final Completion date of March 26, 2019.

Our Team is committed to working collaboratively with VDOT to design and construct another successful design-build project for the Commonwealth.

Respectfully,



\_\_\_\_\_  
Aaron T. Myers, Vice President/General Manager  
Allan Myers VA, Inc.

4.2.1

# **AFFILIATED AND SUBSIDIARY COMPANIES**

## ATTACHMENT 4.2.1

### State Project No. PR15-076-236

#### 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.

<input type="checkbox"/> <b>The Offeror does not have any affiliated or subsidiary companies.</b>
<input checked="" type="checkbox"/> <b>Affiliated and/ or subsidiary companies of the Offeror are listed below.</b>

Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
Parent	Allan Myers, Inc.	1805 Berks Road, P.O. Box 98, Worcester, PA 19490
Affiliate	Allan Myers MD, Inc.	2011 Bel Air Rd, P.O. Box 278, Fallston, MD 21047
Affiliate	Allan Myers, L.P.	1805 Berks Road, P.O. Box 98, Worcester, PA 19490
Affiliate	Allan Myers Materials MD, Inc.	638 Lancaster Avenue, Malvern, PA 19355
Affiliate	Allan Myers DE, Inc.	638 Lancaster Avenue, Malvern, PA 19355
Affiliate	Allan Myers Materials PA, Inc.	638 Lancaster Avenue, Malvern, PA 19355
Affiliate	Allan Myers Transport Co	1805 Berks Road, P.O. Box 98, Worcester, PA 19490
Affiliate	Allan A. Myers, Co.	1805 Berks Road, P.O. Box 98, Worcester, PA 19490
Affiliate	American Infrastructure Investments, Inc.	1805 Berks Road, P.O. Box 98, Worcester, PA 19490
Affiliate	The Myers Group, Inc.	1805 Berks Road, P.O. Box 98, Worcester, PA 19490
Affiliate	Compass Quarries, Inc.	638 Lancaster Avenue, Malvern, PA 19355
Affiliate	Allan Myers Materials, Inc.	638 Lancaster Avenue, Malvern, PA 19355
Affiliate	Allan Myers Management, Inc.	1805 Berks Road, P.O. Box 98, Worcester, PA 19490
Affiliate	US 460 Mobility Partners, LLC	7025 Harbour View Boulevard, Suffolk, VA 23435
Affiliate	FAM Construction, LLC, a Joint Venture	9600 Great Hills Trail, Ste 200E, Austin, TX 78759

4.2.2

# **CERTIFICATION REGARDING DEBARMENT FORMS**

**ATTACHMENT 4.2.2(a)**  
**CERTIFICATION REGARDING DEBARMENT**  
**PRIMARY COVERED TRANSACTIONS**

**Project No.: PR15-076-236**

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
Vice President/General Manager  
Title

\_\_\_\_\_  
Allan Myers VA, Inc.

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

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

**Project No.: PR15-076-236**

- 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.



8/15/17

Signature

Date

President and CEO

Title

PRIME AE Group, Inc.

Name of Firm

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

**Project No.: PR15-076-236**

- 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.

	August 28, 2017	President
Signature	Date	Title

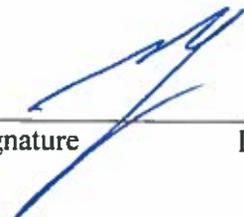
Quinn Consulting Services, Inc.  
Name of Firm

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

**Project No.: PR15-076-236**

- 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	August 28, 2017 _____ Date	VP of Business Development _____ Title
Specialized Engineering _____ Name of Firm		

4.2.3

# **VDOT PREQUALIFICATION INFORMATION**



COMMONWEALTH OF VIRGINIA



## CERTIFICATE OF QUALIFICATION

**ALLAN MYERS VA, INC.**

Vendor Number: **G303**

In accordance with the Regulations of the Virginia Department of Transportation, your firm is hereby notified that the following Rating has been assigned to your firm:

**PREQUALIFIED**

Your firm specializes in the noted Classification(s):

**GRADING; MAJOR STRUCTURES; ASPHALT CONCRETE PAVING;  
MINOR STRUCTURES; ROADWAY MILLING; SURFACE TREATMENT**

Issue Date: July 31, 2017

This Rating and Classification will Expire: July 31, 2018

Suzanne FR Lucas, State Prequalification Officer

Don E. Silles, Director of Contracts

It is not permissible to alter this document, use after posted expiration date, or use by persons or firms other than those named on this certificate.

4.2.4

# **EVIDENCE OF OBTAINING BONDING**



Berkshire Hathaway  
Specialty Insurance

September 8, 2017

Commonwealth of Virginia  
Virginia Department of Transportation (VDOT)  
1401 East Broad Street  
Richmond VA 23219

Re: Project No. PR15-076-236, Park and Ride at I-66/Route 15 Interchange Design-Build, Town of Haymarket and Prince William County, VA, Contract ID No. C00109486DB99

To Whom It May Concern:

Allan Myers VA, Inc., a subsidiary of Allan Myers, Inc., is a highly regarded and valued client of Fidelity and Deposit Company of Maryland, Zurich American Insurance Company, and Berkshire Hathaway Specialty Insurance Company.

As sureties for Allan Myers VA, Inc., with A.M. Best Financial Strength Rating and Financial Size Category as listed below, and authorized to transact business in the Commonwealth of Virginia, Allan Myers VA, Inc. is capable of obtaining a 100% Performance Bond and 100% Labor and Materials Payment Bond in the amount of the anticipated cost of construction for approximately Four Million Five Hundred Thousand and No/100 (\$4,500,000.00) Dollars, and said bonds will cover the Project and any warranty periods as provided for in the Contract Documents on behalf of the Contractor, in the event that such firm be the successful bidder and enter into a contract for this project.

Please be advised that this authorization is subject to standard underwriting throughout the RFQ process, including a review of the contract terms, bond forms, project financing and any other pertinent underwriting information.

Sincerely,

Fidelity and Deposit Company of Maryland (AM Best Rating A+ (XV))  
Zurich American Insurance Company (AM Best Rating A+ (XV))  
Berkshire Hathaway Specialty Insurance Company (AM Best Rating A++ (XV))

Elizabeth P. Cervini  
Attorney-in-Fact

cc: Paul McCarthy, Fidelity and Deposit Company of Maryland & Zurich American Insurance Company  
Kevin O'Brien, Berkshire Hathaway Specialty Insurance Company



**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 **Michael P. Bond, 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, Denise M. BRUNO, Julia R. BURNET, Joyce M. HOUGHTON, Jonathan F. BLACK, Elizabeth P. CERVINI, David A. JOHNSON, Stephanie S. HELMIG and Sherri L. FEENEY, 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 30th day of July, A.D. 2017.

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



*Michael P. Bond*

By: *Michael P. Bond*  
Vice President

*Dawn E. Brown*

By: *Dawn E. Brown*  
Secretary

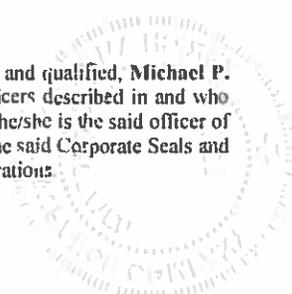
State of Maryland  
County of Baltimore

On this 30th day of July, A.D. 2017, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Michael P. Bond, Vice President and Dawn E. Brown, 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.

*Constance A. Dunn*

Constance A. Dunn, Notary Public  
My Commission Expires: July 9, 2019



**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 8th day of September, 20 17.



*Michael C. Fay*

Michael C. Fay  
Vice President

**TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:**

Zurich Surety Claims  
1299 Zurich Way  
Schaumburg, IL 60196-1056  
Email: [reportsfclaims@zurichna.com](mailto:reportsfclaims@zurichna.com)  
1-800-626-4577



Power Of Attorney

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY NATIONAL INDEMNITY COMPANY / NATIONAL LIABILITY & FIRE INSURANCE COMPANY

Know all men by these presents, that BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, a corporation existing under and by virtue of the laws of the State of Nebraska and having an office at 100 Federal Street, 20th Floor, Boston, Massachusetts 02110, NATIONAL INDEMNITY COMPANY, a corporation existing under and by virtue of the laws of the State of Nebraska and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, a corporation existing under and by virtue of the laws of the State of Connecticut (hereinafter collectively the "Companies"), pursuant to and by the authority granted as set forth herein, do hereby name, constitute and appoint: David A. Johnson, Stephanie S. Helmig, Jonathan F. Black, Elizabeth P. Cervini, Harry C. Rosenberg, Denise M. Bruno, Julia R. Burnet, Joyce M. Houghton, David C. Rosenberg, Matthew J. Rosenberg, 455 S. Gulph Road, Suite 400 of the city of King of Prussia, State of Pennsylvania, their true and lawful attorney(s)-in-fact to make, execute, seal, acknowledge, and deliver, for and on their behalf as surety and as their act and deed, any and all undertakings, bonds, or other such writings obligatory in the nature thereof, in pursuance of these presents, the execution of which shall be as binding upon the Companies as if it has been duly signed and executed by their regularly elected officers in their own proper persons. This authority for the Attorney-In-Fact shall be limited to the execution of the attached bond(s) or other such writings obligatory in the nature thereof.

In witness whereof, this Power of Attorney has been subscribed by an authorized officer of the Companies, and the corporate seals of the Companies have been affixed hereto this date of November 18, 2014. This Power of Attorney is made and executed pursuant to and by authority of the Bylaws, Resolutions of the Board of Directors, and other Authorizations of BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, which are in full force and effect, each reading as appears on the back page of this Power of Attorney, respectively.

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY,

[Signature]

By: David Fields, Executive Vice President



NATIONAL INDEMNITY COMPANY, NATIONAL LIABILITY & FIRE INSURANCE COMPANY,

[Signature]

By: David Fields, Vice President



NOTARY

State of Massachusetts, County of Suffolk, ss:

On this 18th day of November, 2014 before me appeared David Fields, Executive Vice President of BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY and Vice President of NATIONAL INDEMNITY COMPANY and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, who being duly sworn, says that his capacity is as designated above for such Companies; that he knows the corporate seals of the Companies; that the seals affixed to the foregoing Instrument are such corporate seals; that they were affixed by order of the board of directors or other governing body of said Companies pursuant to its Bylaws, Resolutions and other Authorizations, and that he signed said instrument in that capacity of said Companies.

[Notary Seal]



[Signature]

Notary Public

I, Brennan Neville, the undersigned, Assistant Secretary of BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies which is in full force and effect and has not been revoked. IN TESTIMONY WHEREOF, I have hereunto affixed the seals of said companies this date of September 8, 2014.



[Signature]

Assistant Secretary

FOR CLAIM NOTIFICATION please send via email at claimsnotice@bhspecialty.com, via fax to (617) 507-8259, contact our 24 hour number at (855) 453-9675 or mail Berkshire Hathaway Specialty Insurance, 500 Northpark Town Center, 1100 Abernathy Road, N.E., Suite 1200, Atlanta, GA 30328.

**BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY (BYLAWS)**

**ARTICLE V.**

**CORPORATE ACTIONS**

....

**EXECUTION OF DOCUMENTS:**

....

Section 6.(b) The President, any Vice President or the Secretary, shall have the power and authority:

- (1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company bonds and other undertakings, and
- (2) To remove at any time any such Attorney-in-fact and revoke the authority given him.

**NATIONAL INDEMNITY COMPANY (BY-LAWS)**

**Section 4. Officers, Agents, and Employees:**

A. The officers shall be a President, one or more Vice Presidents, a Secretary, one or more Assistant Secretaries, a Treasurer, and one or more Assistant Treasurers none of whom shall be required to be shareholders or Directors and each of whom shall be elected annually by the Board of Directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the Board of Directors, and shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the Board of Directors; and the Board of Directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the corporation.

**NATIONAL INDEMNITY COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)**

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

**NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BY-LAWS)**

**ARTICLE IV**

**Officers**

**Section 1. Officers, Agents and Employees:**

A. The officers shall be a president, one or more vice presidents, one or more assistant vice presidents, a secretary, one or more assistant secretaries, a treasurer, and one or more assistant treasurers, none of whom shall be required to be shareholders or directors, and each of whom shall be elected annually by the board of directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the board of directors. The president and secretary shall be different individuals. Election or appointment of an officer or agent shall not create contract rights. The officers of the Corporation shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the board of directors; and the board of directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the Corporation.

**NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)**

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

4.2.5

# **DPOR LICENSES AND SCC REGISTRATIONS**

## ATTACHMENT 4.2.5

### State Project No. PR15-076-236

#### 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.

<b>SCC &amp; DPOR INFORMATION FOR BUSINESSES (RFP Sections 4.2.5.1 and 4.2.5.2)</b>							
<b>Business Name</b>	<b>SCC Information (4.2.5.1)</b>			<b>DPOR Information (4.2.5.2)</b>			
	<b>SCC Number</b>	<b>SCC Type of Corporation</b>	<b>SCC Status</b>	<b>DPOR Registered Address</b>	<b>DPOR Registration Type</b>	<b>DPOR Registration Number</b>	<b>DPOR Expiration Date</b>
<b>ALLAN MYERS VA INC</b>	<b>0113780-1</b>	<b>Corporation</b>	<b>Active</b>	<b>301 Concourse Blvd. Suite 300 Glen Allen, VA 23059</b>	<b>Class A Contractor</b>	<b>2701009872</b>	<b>12-31-2018</b>
<b>PRIME AE GROUP INC</b>	<b>F181237-1</b>	<b>Foreign Corporation</b>	<b>Active</b>	<b>3975 Fair Ridge Dr. Suite 455N Fairfax, VA 22030</b>	<b>Business Entity Branch Office, ENG</b>	<b>0411001187</b>	<b>02-28-2018</b>
				<b>5521 Research Park Dr. Suite 300 Baltimore, MD 21228</b>	<b>Business Entity, ENG &amp; ARC</b>	<b>0407005609</b>	<b>12-31-2017</b>
<b>QUINN CONSULTING SERVICES INC</b>	<b>0492551-7</b>	<b>Corporation</b>	<b>Active</b>	<b>14160 Newbrook Dr. Suite 220 Chantilly, VA 20151</b>	<b>Business Entity, ENG</b>	<b>0407003733</b>	<b>12-31-2017</b>



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Commonwealth of Virginia  
**State Corporation Commission**

Vir

08/31/17

CISM0180

CORPORATE DATA INQUIRY

15:39:13

CORP ID: 0113780 - 1 STATUS: 00 ACTIVE STATUS DATE: 11/19/13  
CORP NAME: Allan Myers 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 ROAD, SUITE 285 AR RTN MAIL:

CITY: GLEN ALLEN STATE : VA ZIP: 23060-0000  
R/A STATUS: 5 B.E. AUTH IN VI EFF. DATE: 10/04/13 LOC : 143  
ACCEPTED AR#: 216 15 6422 DATE: 10/21/16 HENRICO COUNTY  
CURRENT AR#: 216 15 6422 DATE: 10/21/16 STATUS: A ASSESSMENT INDICATOR: 0  
YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES  
17 670.00 670.00 100,000

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(Screen Id:/Corp\_Data\_Inquiry)

# COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation  
9960 Mayland Drive, Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

EXPIRES ON  
12-31-2018

NUMBER  
2701009872

BOARD FOR CONTRACTORS  
CLASS A CONTRACTOR  
\*CLASSIFICATIONS\* H/H

ALLAN MYERS VA INC  
301 CONCOURSE BLVD  
SUITE 300  
GLEN ALLEN, VA 23059



*James W. DeBorja*  
James W. DeBorja  
Director

Status can be verified at <http://www.dpor.virginia.gov>

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

 COMMONWEALTH of VIRGINIA  
Department of Professional and Occupational Regulation  
CLASS A BOARD FOR CONTRACTORS  
CONTRACTOR

\*CLASSIFICATIONS\* H/H  
NUMBER: 2701009872 EXPIRES: 12-31-2018

ALLAN MYERS VA INC  
301 CONCOURSE BLVD  
SUITE 300  
GLEN ALLEN, VA 23059



Status can be verified at <http://www.dpor.virginia.gov>

DPOR-PC (05/2015)

DPOR-LIC (05/2015)  
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Commonwealth of Virginia  
**State Corporation Commission**

Vir

CISM0180

CORPORATE DATA INQUIRY

08/31/17

15:40:47

CORP ID: F181237 - 1 STATUS: 00 ACTIVE STATUS DATE: 02/26/14  
 CORP NAME: PRIME AE GROUP, INC.

DATE OF CERTIFICATE: 01/11/2010 PERIOD OF DURATION: INDUSTRY CODE: 00  
 STATE OF INCORPORATION: MD MARYLAND STOCK INDICATOR: S STOCK  
 MERGER IND: CONVERSION/DOMESTICATION IND:  
 GOOD STANDING IND: Y MONITOR INDICATOR:  
 CHARTER FEE: 1000.00 MON NO: MON STATUS: MONITOR DTE:  
 R/A NAME: MARKUS HENNEKE

STREET: 3975 FAIR RIDGE DRIVE AR RTN MAIL:  
 SUITE 455N  
 CITY: FAIRFAX STATE : VA ZIP: 22033-0000  
 R/A STATUS: 1 DIRECTOR EFF. DATE: 11/15/16 LOC : 303  
 ACCEPTED AR#: 217 50 2072 DATE: 01/09/17 FAIRFAX CITY (F  
 CURRENT AR#: 217 50 2072 DATE: 01/09/17 STATUS: A ASSESSMENT INDICATOR: 0  
 YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES  
 17 1,700.00 500,000

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(Screen Id:/Corp\_Data\_Inquiry)

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation  
9960 Mayland Drive, Suite 400, Richmond, VA 23233

Telephone: (804) 367-8500

EXPIRES ON  
02-28-2018

NUMBER  
0411001187

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

PROFESSIONS: ENG



PRIME AE GROUP INC  
3975 FAIR RIDGE DR STE 455N  
FAIRFAX, VA 22030



*Jay W. Dreßler*  
Jay W. Dreßler Director

Status can be verified at <http://www.dpor.virginia.gov>

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

**DPOR** COMMONWEALTH of VIRGINIA  
Department of Professional and Occupational Regulation

BOARD FOR APELSCIDLA  
BUSINESS ENTITY BRANCH OFFICE REGISTRATION  
NUMBER: 0411001187 EXPIRES: 02-28-2018  
PROFESSIONS: ENG  
PRIME AE GROUP INC  
3975 FAIR RIDGE DR STE 455N  
FAIRFAX, VA 22030



(FOLD)

Status can be verified at <http://www.dpor.virginia.gov>

DPOR-PC (05/2015)

DPOR-LIC (05/2015)  
(DETACH HERE)

# COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation

9960 Mayland Drive, Suite 400, Richmond, VA 23233

Telephone: (804) 367-8500

EXPIRES ON

12-31-2017

NUMBER

0407005609

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

PROFESSIONS: ENG, ARC



**PRIME AE GROUP INC  
PEI ENGINEERS, INC  
5521 RESEARCH PARK DR STE 300  
BALTIMORE, MD 21228**



*Jay W. Taylor*  
Jay W. Taylor, Director

Status can be verified at <http://www.dpor.virginia.gov>

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)



COMMONWEALTH of VIRGINIA  
Department of Professional and Occupational Regulation

**BOARD FOR APELSCIDLA  
BUSINESS ENTITY REGISTRATION  
NUMBER: 0407005609 EXPIRES: 12-31-2017  
PROFESSIONS: ENG, ARC  
PRIME AE GROUP INC  
PEI ENGINEERS, INC  
5521 RESEARCH PARK DR STE 300  
BALTIMORE, MD 21228**



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DPOR-LIC (05/2015)  
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Commonwealth of Virginia  
**State Corporation Commission**

Vir

CISM0180

CORPORATE DATA INQUIRY

08/31/17

15:40:23

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#: 216 13 3280 DATE: 08/29/16 ARLINGTON COUNT  
CURRENT AR#: 216 13 3280 DATE: 08/29/16 STATUS: A ASSESSMENT INDICATOR: 0  
YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES  
17 100.00 100.00 5,000

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(Screen Id:/Corp\_Data\_Inquiry)

# COMMONWEALTH OF VIRGINIA

Department of Professional and Occupational Regulation  
9960 Mayland Drive, Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

EXPIRES ON  
12-31-2017

NUMBER  
0407003733

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

PROFESSIONS: ENG



QUINN CONSULTING SERVICES INC  
14160 NEWBROOK DR STE 220  
CHANTILLY, VA 20151



*Jay W. DeBver*  
Jay W. DeBver, Director

Status can be verified at <http://www.dpor.virginia.gov>

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)



COMMONWEALTH of VIRGINIA  
Department of Professional and Occupational Regulation

BOARD FOR APELSCIDLA  
BUSINESS ENTITY REGISTRATION  
NUMBER: 0407003733 EXPIRES: 12-31-2017  
PROFESSIONS: ENG  
QUINN CONSULTING SERVICES INC  
14160 NEWBROOK DR STE 220  
CHANTILLY, VA 20151



(FOLD)

DPOR-LIC (05/2015)  
(DETACH HERE)

DPOR-PC (05/2015)

Status can be verified at <http://www.dpor.virginia.gov>

4.2.6

# WORK HISTORY FORMS

**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: <b>SAINTSBURY DRIVE – VIENNA METRO STATION</b>  Location: <b>FAIRFAX, VIRGINIA</b>	Name: <b>WENDEL COMPANIES</b>	Name of Client/ Owner: <b>PULTE GROUP</b> Phone: <b>703-359-7495</b> Project Manager: <b>JEFFREY OETJEN, PE</b> Phone: <b>703-801-5848</b> Email: <b>JEFF.EDELMAN@PULTE.COM</b>	<b>12/2012</b>	<b>12/2012</b>	<b>\$15,932</b>	<b>\$18,697</b> *Owner Requested Scope Increase	<b>\$18,697</b>

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. The Work History Form shall include only one singular project. Projects with multiple phases, segments, elements, and/or contracts shall not be considered a single project. If a project listed includes multiple phases, segments, elements, and/or contracts, the Offeror's Proposal may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

**PROJECT DESCRIPTION AND RELEVANCE**

The Saintsbury Drive project consisted of the reconstruction of 0.8 miles of Saintsbury Drive and a commuter facility. Located at the Vienna Metro Station, it required 32 MOT phases to accommodate a never ending flow of pedestrian and vehicular traffic that occurred daily. Additional quantities included the following: 3 retaining walls; 30,500 SY of demolition; 259,000 CY of mass excavation; 10,300 LF of utility line; and 10,300 LF of utility installation and relocation. *The Saintsbury Drive project was completed with no lost time or recordable incidents, and was completed on time and on budget despite additional scope from the owner.*

This project is complex due to the many MOT changes, aggressive one-year construction schedule, and extensive coordination with the metro station and numerous subcontractors. The planned 11 phases of construction was revised through collaboration between Allan Myers and WMATA to 33 phases of construction to maintain traffic and accommodate the daily continuous flow of pedestrian and vehicular traffic to one of the busiest metro stations in the Washington D.C. area. The revised phasing accommodated additional volumes of traffic during holidays including Independence Day, Thanksgiving, Christmas, and New Year's. New utility installation and existing infrastructure modifications were completed using night-work to minimize public impacts and accelerate the construction schedule.

**E&S:** E&S controls for this project included installation of silt and super silt fencing, tree protection fences, root plumbing, curb inlet protection, culvert inlet protection, yard inlet protection, F&I matting, temporary seed, permanent seed, and F&I sod.

**Roadway and Park and Ride Construction:** 24,000 SY of heavy duty concrete; 20,255 SY of asphalt paving; two retaining walls; two roundabouts; 30,500 SY of demolition; and 259,000 CY of mass excavation. Construction activities included demolition of existing roadway and utilities, earthwork, E&S controls, installation of new utilities, curb & gutter, sidewalks, roadway widening, paving, signage, striping, constructing 11 transit shelters, and erecting a canopy.

**Earthwork:** Excavation operations included 30,500 SY of demolition and 259,000 CY of mass excavation.

**Paving, Drainage:** 24,000 SY of heavy duty concrete and 20,255 SY of asphalt paving.

**Utility, Electrical/lighting:** Utilities included sanitary sewer, storm sewer, water line, and electrical duct banks. The existing duct banks were removed and new duct banks installed for the roadway and metro station. Coordination with Dominion Power was necessary to coordinate locations and installation of lighting/wiring.

**Parking Management Systems** – This job required the installation of parking meters that were put in use once job was complete.

**Traffic Control Devices** - Traffic control required signs, cones, barrels, jersey barriers, and crash attenuators throughout the jobsite.

*“Throughout the project the Allan Myers Team worked flawlessly and seamlessly with me and my team, were professional, patient, considerate and efficient. The entire Allan Myers Team took the time, in the beginning and throughout, to understand my constraints and requirements, and were always mindful of them, allowing them to be a primary consideration in the way the project progressed.” – Jeff Edelman, Pulte Homes*



*Completed Metro Station*



*Roundabout west of Metro Station*

**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: WESTCHESTER COMMONS INFRASTRUCTURE  Location: MIDLOTHIAN, VIRGINIA	Name: TIMMONS GROUP	Name of Client/ Owner: ZAREMBA METROPOLITAN MIDLOTHIAN LLC Phone: 216-221-6600 Project Manager: ALAN BELLIS Phone: 216-221-6600 Email: ABELLIS@ZAREMBAGROUP.COM	07/2008	10/2009 *Changes due to anchor store delaying opening	\$27,907	\$29,824 *Contract Changes due to change in final design after contract award	\$29,824

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. The Work History Form shall include only one singular project. Projects with multiple phases, segments, elements, and/or contracts shall not be considered a single project. If a project listed includes multiple phases, segments, elements, and/or contracts, the Offeror's Proposal may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

**PROJECT DESCRIPTION AND RELEVANCE**

The 140-acre site now holds a large retail center and nearly three miles of new roadway. Construction activities included 3 million cubic yards of excavation, 5 miles of storm pipe and structures, 3.5 miles of sanitary pipe and structures, 4 miles of water main, 90,000 tons of stone sub-base, and 90,000 tons of asphalt paving. Allan Myers was able to achieve production efficiencies and quality control that kept the project within budget and on time during the challenging 18-month schedule. During the excavation of over 3 million yards of material, crews maintained a year-round average production of 25,000 yards per day and achieved all pad turnover milestones. Collaboration with governing entities as well as the owner was essential to meeting all requirements. The inclusion of all parties in planning and scheduling meetings right from the start established positive working relationships, allowed for expedited submittal reviews, and removed barriers that would hinder schedule.

**Environmental Permitting and E&S:** Environmental stewardship and a comprehensive stormwater management plan were key to the success of the project. Extensive E&S controls and devices were placed and maintained during excavation and installation of utilities. Final storm water runoff was controlled by a state-of-the-art filtering system including bio-retention areas, filterra boxes, storm filters, baysaver and a water detention facility.

**Roadway and Park and Ride Construction:** Numerous traffic shifts, daily lane closure and coordination with VDOT smart traffic communication system were planned and managed. Media notifications of the traffic shifts and other pertinent information for commuters were coordinated.

**Earthwork:** Scope included 3 million CY of excavation; 1 million SF of serviced building pads

**Drainage:** 5,000 LF Sanitary Sewer in sizes ranging from 16" to 4"; 27,000 LF Storm Sewer in sizes ranging from 72" to 4"; 24,000 LF Waterline in sizes ranging from 16" to 4".

**Utility and Stormwater Management:** Both Verizon and Dominion Power were working directly for the owner however, Allan Myers was charged with the task of scheduling their installation and providing the infrastructure they needed. The collaboration between Allan Myers and the utility companies allowed for the successful installation of over; state of the art storm water filtering systems, including bio-retention areas, Filterra boxes, storm filters, Baysaver, and an underground water filtering detention facility.

Allan Myers has exceeded expectations in terms of their ability to meet deadlines, their expertise as construction professionals, and their ability to collaborate effectively with all of the agencies and companies involved in this project. Allan Myers' staff of construction professionals has been great to work with. They are very knowledgeable, helpful, and focused on daily production and safety to help ensure a successful project. As with any project, there are daily issues that arise and require an adjustment to be made to the daily plan. Allan Myers' staff is willing and able to make the necessary changes to stay working productively to attain the overall schedule goals. – *Alan Bellis, Senior Project Manager Zaremba Group*



*Round about and landscaping in Westchester Commons*



*Completion of Westchester Commons*

**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: <b>WOODMORE TOWN CENTER</b>  Location: <b>LANDOVER, MARYLAND</b>	Name: <b>AB CONSULTANTS</b>	Name of Client/ Owner: <b>WHITING TURNER</b> Phone: <b>410-337-5749</b> Project Manager: <b>DENNIS HUNTER</b> Phone: <b>4433244416</b> Email: <b>DENNIS.HUNTER@WHITING-TURNER.COM</b>	<b>09/2011</b>	<b>09/2011</b>	<b>\$25,381</b>	<b>\$30,865</b> *Additional Scope Requested by Owner	<b>\$30,865</b>

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. The Work History Form shall include only one singular project. Projects with multiple phases, segments, elements, and/or contracts shall not be considered a single project. If a project listed includes multiple phases, segments, elements, and/or contracts, the Offeror's Proposal may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

**PROJECT DESCRIPTION AND RELEVANCE**

Woodmore Town Center in Landover, MD, is a mixed-use commercial and residential town center occupying approximately 250 acres. The total site package was delivered to the owner/general contractor on schedule by maintaining a seven-day work week for all crews for the duration of the project, and by continuing work operations throughout winter months marked by unusually bad weather conditions. Scope of work also included clearing and grubbing, earthwork, grading, concrete sidewalks, asphalt paving, curb and gutter, signage and striping, temporary roads, residential hold-down grading, and various structures. Allan Myers held a seven-day work schedule throughout the project to meet the owner/general contractors schedule.

**Roadway and Park and Ride Construction:** Allan Myers supplied 27,000 tons of asphalt through the company owned asphalt plant in Jessup, MD. Allan Myers built Prince George County Roads and the parking lots for the site for access to the new town center.

**E&S:** On this large site E&S maintenance was ongoing to ensure all needs were met. Allan Myers built 11 temporary sediment traps and ponds and 3 permanent stormwater management ponds on the site.

**Earthwork:** Allan Myers moved 1,000,000 cubic yards of material and rough graded 1,000,000 square yards of material. Allan Myers also placed stone aggregate base for parking lots and fine graded that for paving. C&G was installed for roads and parking lots and concrete was installed for the town center. This concrete work included colored and stamped decorative concrete. Large quantities of soil cement and lime were installed to stabilize and dry existing soils throughout the site and roadwork.

**Utility:** Worked through above-average winter precipitation to install utilities, including 6,000 LF of RCP, 47 COG inlets, 14 manholes and five underground storm water management facilities with over 87,000 LF of 108" CMP. Allan Myers also installed a 4 chamber box culvert across an active stream and a single span arch culvert.

*Allan Myers MD, Inc., an affiliate of Allan Myers VA, Inc., served as the Lead Contractor for this project and will provide management and manpower support for the I66/Rte 15 Park and Ride Lot Project. While Allan Myers contracts under different entities in different states for accounting purposes, all entities share resources and report to the same management team with the same level of commitment to safety and time management.*



*Aerial View Mass Excavation*



*Stormwater Management Basin*

**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 Start Date	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: <b>PARKING AND BIO-RETENTION/DETENTION POND, FISKE RANGE</b>  Location: <b>FORT BENNING, GA</b>	Name: <b>CONFIDENTIAL</b>	Name of Client: <b>USACE FORT WORTH DISTRICT</b> Phone: <b>817-886-1043</b> Project Manager: <b>CHRISTOPHER REINHARDT</b> Phone: <b>912-652-5328</b> Email: <b>CHRISTOPHER.D.REINHARDT@USACE.ARMY.MIL</b>	<b>09/2012</b>	<b>07/2013</b>	<b>\$1,300</b>	<b>\$1,300</b>	<b>\$221</b>

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 Work History Form shall include only one singular project. Projects with multiple phases, segments, elements, and/or contracts shall not be considered a single project. If a project listed includes multiple phases, segments, elements, and/or contracts, the Offeror's Proposal may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

**PROJECT DESCRIPTION AND RELEVANCE**

*PRIME performed the design work as the prime designer from our Columbus, Ohio office located at 8415 Pulsar Place.*

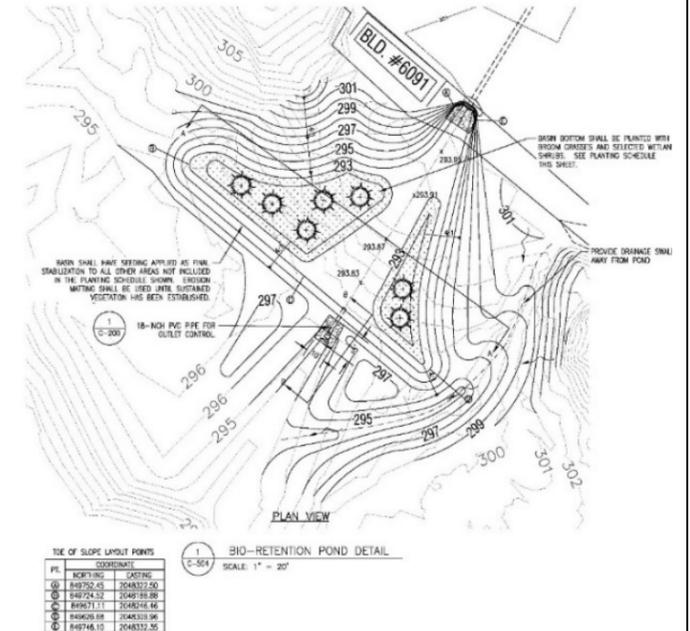
PRIME designed and managed the design of a three-acre parking lot for military vehicles, personal vehicles (POVs), and M-Raps. The parking lot provides access to existing and future buildings, and a number of shooting ranges for the National Firearms and Tactical Training Unit (NFTTU) of Immigration and Custom Enforcement (ICE) of the Department of Homeland Security. **PRIME received an "Exceptional" performance rating from the client for this project.**

The new pavement matches the existing pavement area and slope and was designed using USACE's PCASE 2.09 Engineering Software. The design meets traffic loading requirements for 100 Average Daily Trips (ADTs) for POVs, 10 ADTs for oversized vehicles, and 5 ADTs for MRAP armored vehicles. Load information and existing soil parameters with a California Bearing Ration (CBR) value of 15 for existing subbase material were used to calculate the minimum pavement thickness required. Georgia Department of Transportation Construction and Material Specifications for aggregate material and hot mix asphalt were used.

PRIME utilized TR-55 and hydraulic/hydrology rational methods modeling/computer iterations in design of the detention system, and provided project management, civil engineering, hydraulics and hydrology, specifications, plans, and QA/QC. PRIME also managed securing a temporary and permanent erosion control and sedimentation permit from the State of Georgia.

The design was completed in approximately six months, taking into consideration specific needs and requirements of the Fiske Range NFTTU personnel via client interface meetings. PRIME received an "Exceptional" performance rating from the client.

**Earthwork, Drainage, SWM, Utility, and E&S:** The project included an 18,000-cubic-foot bio-filtration/detention pond as a means of both flood control and structural BMP to treat run off from a five-acre area development parking lot and adjacent facilities. The bio-filtration pond featured Georgia native vegetation for runoff treatment. The detention part of the system included 3:1 slope for ease of mowing and included earthwork, dykes, and mounds. The outfall included an 18-inch pipe and dissipation system with riprap. A spillway system was designed with overflow weir for release flows in excess of a 100-year frequency storm.



*Bioretention Pond Detail*

**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 Start Date	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: <b>COURTYARD IMPROVEMENTS TO BWI CONSOLIDATED RENTAL CAR FACILITY</b>  Location: <b>ANNE ARUNDEL COUNTY, MARYLAND</b>	Name: <b>J. F BRINKERS &amp; SONS</b>	Name of Client.: <b>MARYLAND AVIATION ADMINISTRATION</b> Phone: <b>410.859.7111</b> Project Manager: <b>ALAN PELJOVICH</b> Phone: <b>410.859.7142</b> Email: <b>APELJOVICH@BWIAIRPORT.COM</b>	<b>12/2011</b>	<b>09/2012</b>	<b>\$1,500</b>	<b>\$1,500</b>	<b>\$125</b>

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 Work History Form shall include only one singular project. Projects with multiple phases, segments, elements, and/or contracts shall not be considered a single project. If a project listed includes multiple phases, segments, elements, and/or contracts, the Offeror's Proposal may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

**PROJECT DESCRIPTION AND RELEVANCE**

*PRIME has performed the design work as a subconsultant from our Baltimore office located at 5521 Research Park Drive.*

PRIME AE Group, Inc. (PRIME), as a subconsultant, was retained by the Maryland Aviation Administration (MAA) for the proposed courtyard improvements to the consolidated rental car facility (CRCF). Scope of work performed by PRIME included development of the feasibility study and final design and construction documents for the selected alternative. A site survey of parking operations including parking needs and traffic operational conditions at the drop-off/pick-up area was performed. From the survey it was determined parking demand and developed alternatives to improve the overall traffic operations. Seven alternatives were evaluated for the proposed improvements and developed concept plans and feasibility study report. The study report included detailed analysis of all alternatives, cost estimates, and recommendations for further design and construction. Design plans were developed including 60%, final design and construction documents for the selected alternative. The proposed improvements mainly included expansion of existing parking and widening of driveway to provide for additional parking and bus queue area. In addition, automated gate was proposed along with reconfigured traffic flow at the entrance to the parking lot in order to regulate the traffic flow in front of the CRCF building. The improvements necessitated ADA compliant sidewalk and sidewalk ramps, storm drain relocation, grading, erosion and sediment control, stormwater management, lighting, maintenance of traffic, and pavement marking and signage. Construction was completed in four different stages in order to maintain the traffic and parking operation during the construction. PRIME prepared complete bid package including plans, specifications, and cost estimates. Proposed widening of driveway necessitated relocation of existing storm drain system along the driveway. Since the site is constraints by the existing garage structure and existing utilities, the existing storm drain structures was custom designed. PRIME also provided bidding and construction services. PRIME completed conformed documents prior to construction and record drawings after the construction was complete

**Roadway and Park and Ride:** The proposed improvements mainly included expansion of existing parking and widening of driveway to provide for additional parking and bus queue area. In addition, automated gate was proposed along with reconfigured traffic flow at the entrance to the parking lot in order to regulate the traffic flow in front of the CRCF building. The proposed improvements also necessitated ADA compliant sidewalk and sidewalk ramps, storm drain relocation, and grading.

**Earthwork:** Grading work included excavation of embankment and grassy area for widening of pavement. All excavation was hauled away from the site for reuse at different site and/or disposal.

**Drainage:** Drainage work included modification of existing manholes and replacement of existing twin pipe storm drain with one box culvert to accommodate with in the proposed grading without impacting the proposed slopes and adjacent structure.

**Utility:** Utility work included relocation of existing fire hydrant due to widening of driveway.

**Electrical/lighting:** New lighting system was designed for widened driveway and expanded parking lot.

**Parking management system:** Parking management included automated gate at the entrance to the parking lot along with reconfigured traffic flow in order to regulate the traffic flow in front of the CRCF building. Parking management system included installation of transponder and receiver system to allow only permitted vehicles (BWI buses) to go through the driveway in front of Car Rental Facility Building to enhance the traffic flow circulation through the Courtyard Driveway.

**Environmental Permitting:** PRIME acquired stormwater management (SWM) and erosion and sediment control (E&SC) permit from Maryland Department of Environment (MDE). PRIME performed SWM analysis for the proposed improvements according to latest SWM guidelines and design manual, and quantified the quality and quantity management requirements for the project. Since the project site was part of large drainage that drains to a common outfall, a combined hydraulics model was developed to include all SWM facilities within watershed. PRIME performed the hydrology and hydraulics computations for the entire drainage area to calculate peak discharges for existing and proposed conditions. Detailed SWM narrative report was prepared along with computations and drainage area maps, and water quality summary sheets and maps.

**ROW:** All work was performed within MAA or Anne Arundel County ROW. PRIME prepared access permit plans for the widening of driveway and maintenance of traffic during construction.

**E&S:** PRIME prepared detailed erosion and sediment control (E&SC) plans to treat the sediment laden water from the construction and grading activities. E&SC measures included perimeter sediment controls and inlet protection devices. Detailed sequence of construction describing all activities was prepared for the contractor to follow during the construction.

**Traffic control devices:** Traffic control devices included installation of temporary concrete traffic barrier, drums, temporary pavement marking, signage. Permanent pavement marking and signage plans and details were prepared for post construction conditions.

**Eradication of pavement markings:** Maintenance of traffic plans were prepared to maintain the traffic flow both in the courtyard and along the roadway during the construction. A total of three construction phasing plans were prepared. Temporary pavement marking was utilized and removal of existing pavement was implement as necessary during construction.

**Survey:** PRIME was responsible for establishing the survey limits and coordinating with surveyor of projects purpose and need. The field survey was performed by another teaming partner firm. PRIME reviewed and field verify the survey, and prepare base mapping for preparing the design.



*Consolidated Rental Car Facility at BWI Airport*

**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 Start Date	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: <b>ALUM CREEK STORMWATER MITIGATION AND REMEDIATION</b>  Location: <b>COLUMBUS, OH</b>	Name: <b>STRAWSER PAVING COMPANY, INC.</b>	Name of Client: <b>CITY OF COLUMBUS DIVISION OF SEWERAGE AND DRAINAGE</b> Phone: <b>614.645.7175</b> Project Manager: <b>ANDREW BOBAY</b> Phone: <b>614.645.8405</b> Email: <b>AVBOBAY@COLUMBUS.GOV</b>	<b>05/2007</b>	<b>12/2016</b>	<b>\$656</b>	<b>\$616</b>	<b>\$375</b>

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 Work History Form shall include only one singular project. Projects with multiple phases, segments, elements, and/or contracts shall not be considered a single project. If a project listed includes multiple phases, segments, elements, and/or contracts, the Offeror's Proposal may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

**PROJECT DESCRIPTION AND RELEVANCE**

*PRIME performed the design work as the prime designer from our Columbus, Ohio located at 8415 Pulsar Place.*

The Alum Creek Stormwater Mitigation and Remediation project consisted of demolishing the existing trash pulverizer building and constructing a new 16,500 SF cantilevered parking shelter for the City of Columbus refuse collection vehicles at the Alum Creek Refuse Station in Columbus, Ohio. The project consisted of the demolition and removal of the existing pulverizer, pavements, associated utilities, and construction of a parking shed, a new truck wash facility, new utilities, and vegetated areas. PRIME coordinated and submitted the site plan compliance documents to the City of Columbus. These documents were submitted to and reviewed by the City Zoning Department for compliance with City ordinances and design guidelines. The compliance documents included a site plan, stormwater management and sanitary sewer plan, stormwater management report, water service plan, and easement documents. PRIME also coordinated with the City of Columbus for the demolition permits. A stormwater management plan was prepared per the City of Columbus Stormwater Drainage Manual for approval by the City. The plan included runoff hydrographs for the 1-year, 5-year, 10-year, 25-year, 50-year, and 100-year storm events. The plan also calculated the critical storm runoff flows and provided for control of runoff to the 1-year pre-developed flow rate. The Natural Resources Conservation Service (NRCS, formerly known as the Soil Conservation Service or SCS) Curve Number Method was employed to calculate the stormwater runoff volume using the Hydraflow program for modeling stormwater events. Water quality treatment volume was found, and Best Management Practices (BMPs) were designed to treat the volume based on City standards, using a detention pond and vegetated areas. PRIME also prepared Notice of Intent (NOI) and Permit to Install (PTI) documents and submitted them to the Ohio Environmental Protection Agency (EPA) for approval.

**Developing and Completing Design:** Developed and completed the design for the entire project on time and under budget.

**Earthwork, Drainage, SWM, Utility, and E&S:** Submitted documentation for earthwork, drainage, stormwater management, utilities, and erosion and sediment control.

**Electrical/lighting:** PRIME provided new lighting and coordinated with American Electric Power (AEP) and the City of Columbus.

**Environmental Permitting:** Coordinated environmental/NEPA permits and processes and prepared NOI and PTI documents and submitted them to the Ohio EPA for approval.

**Roadway Construction:** PRIME's design included parking, an access road, and a driveway.

**Eradication of pavement markings:** PRIME provided pavement markings for traffic control and parking striping.

**Parking management system:** PRIME's design provided parking for privately-owned vehicles and refuse collection vehicles. PRIME evaluated one access and turning radius for large trucks.

**Traffic control devices:** PRIME's design provided signage for parking and access roads.

**Survey:** Completed a topographic survey for the entire site.



*Alum Creek Refuse Station*



*Alum Park Refuse Station*



**ALLAN MYERS**  
12500 FAIR LAKES CIRCLE  
FAIRFAX, VA 22033  
703.502.7500

**PRIME AE GROUP**  
3975 FAIR RIDGE DRIVE  
SUITE 455N,  
FAIRFAX, VA 22033  
703.865.0606



# LETTER OF SUBMITTAL AND ATTACHMENTS VOLUME II

## A DESIGN-BUILD PROJECT

### Park and Ride Lot at I-66/Route 15 Interchange (In the Northeast Quadrant)

Town of Haymarket and Prince William County, Virginia

State Project No.: PR15-076-236

Federal Project No.: STP-5A01(767)

Contract ID No.: C00109486DB99

Date: September 8, 2017



4.2.7

## CONCEPTUAL ROADWAY PLANS

NOVA DISTRICT DESIGN UNIT

PROJECT MANAGER Khalid Ghandil, P.E. (703) 259-2397  
SURVEYED BY, DATE Rice and Associates (703) 689-3200  
DESIGN SUPERVISED BY Cesar Vargas, P.E. (703) 642-8100 (Volkert, Inc)  
DESIGN BY Volkert, Inc. (703) 642-8100  
REVISED FOR D/B BY Prime AE Group (703) 865-0606

FOR INDEX OF SHEETS SEE SHEET 1B

THIS PROJECT WAS DEVELOPED UTILIZING THE DEPARTMENT'S ENGINEERING DESIGN PACKAGE (GEOPAK).  
GEOPAK Computer Identification No. 109486

  
**COMMONWEALTH OF VIRGINIA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY**  
**COUNTY OF PRINCE WILLIAM**  
**US 15/I-66 PARK & RIDE**

STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
VA.	STP-5A01(767)	15	PR15-076-236 (SEE TABULATION BELOW FOR SECTION NUMBERS)	1

FUNCTIONAL CLASSIFICATION - COMMUTER PARKING LOT	
PARKING SPACE TYPE	
9	ADA SPACES
221	REGULAR PARKING SPACES
230	TOTAL PARKING SPACES
MIN. 20 MPH (ULS)	ENTRANCE ROAD DESIGN SPEED
GS-8	ENTRANCE ROAD CLASSIFICATION
NORMAL CROWN	ENTRANCE ROAD SUPERELEVATION

RFP  
 CONCEPTUAL PLANS  
 For Information  
 Only  
 DATE: June 2017

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

**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	
HEDGES	
TREES	
HEAVY WOODS	
GROUND ELEVATION	
GRADE ELEVATION	

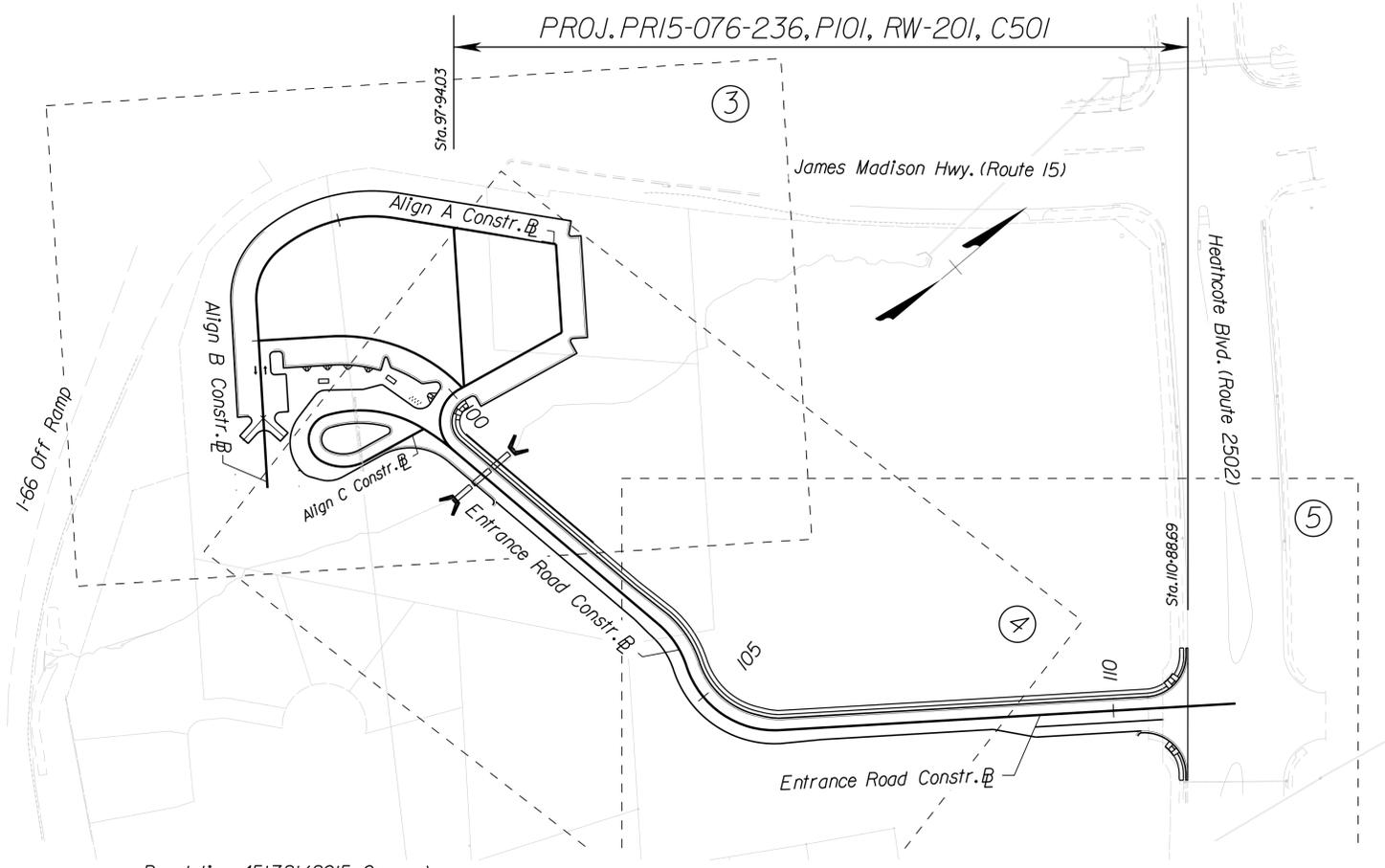
THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY AS AWARDED, HAS BEEN SEALED AND SIGNED USING DIGITAL SIGNATURES AND THE OFFICIAL PLAN ASSEMBLY IN ELECTRONIC FORMAT IS STORED IN THE VDOT CENTRAL OFFICE PLAN LIBRARY, INCLUDING ALL SUBSEQUENT REVISIONS, WILL BE THE OFFICIAL CONSTRUCTION PLANS. 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 2016 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS, 2009 MUTCD, 2011 VIRGINIA SUPPLEMENT TO THE MUTCD, 2011 VIRGINIA WORK AREA PROTECTION MANUAL AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

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

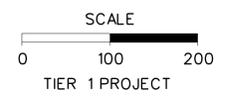
THE ORIGINAL APPROVED TITLE SHEET(S), INCLUDING ORIGINAL SIGNATURES, ARE FILED IN THE VDOT CENTRAL OFFICE PLAN LIBRARY. ANY MISUSE OF ELECTRONIC FILES, INCLUDING SCANNED SIGNATURES, IS ILLEGAL AND ENFORCED TO THE FULL EXTENT OF THE LAW.



Population 451,721 (2015 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	FEET	MILES	FEET	MILES			
PR15-076-236	P-101	STP-5A01(767)	PENG	109486	N/A	1294.66	0.245	1294.66	0.245	N/A	PREL. ENGR	COMMUTER PARKING LOT
	R-201	STP-5A01(767)	ROWA	109486								
	C-501	STP-5A01(767)	1000	109486								

Project Lengths are based on Entrance Road Construction Baseline.



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

APPROVED FOR RIGHT OF WAY ACQUISITION	
DATE	CHIEF OF POLICY

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

APPROVED FOR CONSTRUCTION	
DATE	CHIEF ENGINEER

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

Copyright 2017, Commonwealth of Virginia

\$TIME\$STAMP\$

PROJECT MANAGER *khalla Gandhi, P.E.* (703) 259-2397 (NOVA)  
 SURVEYED BY *Blca and Associates* (703) 988-3200  
 DESIGN SUPERVISED BY *Cesar Vargas, P.E.* (703) 642-8100 (Volkert, Inc.)  
 DESIGNED BY *Volkert Inc.* (703) 642-8100  
 REVISED FOR D/B BY *Prime AE Group* (703) 865-0606  
 NOVA DISTRICT DESIGN UNIT

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	15	PRI5-076-236 P101, R201, C501	1A

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

# PROJECT LOCATION MAP

PRINCE WILLIAM COUNTY



## R. F. P. PLANS

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

NOT TO SCALE

LOCATION MAP LEGEND	
	VA. Interstate Highway
	VA. Secondary Highway
	VA. Secondary Highway

87ME\$ST\$AMPS



PROJECT	SHEET NO.
PRI5-076-236	1A

PROJECT MANAGER *Khalid Gandhi, P.E.* (703) 259-2397 (NOVA)  
 SURVEYED BY *Blaze and Associates, LLC* (703) 988-3200  
 DESIGN SUPERVISED BY *Cesar Vargas, P.E.* (703) 642-8100 (Volkert, Inc.)  
 DESIGNED BY *Volkert Inc.* (703) 642-8100  
 REVISED FOR D/B BY *Prime AE Group, LLC* (703) 865-0606  
 NOVA DISTRICT DESIGN UNIT

# INDEX OF SHEETS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	15	PR15-076-236 P101, R201, C501	

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

SHEET NO.	DESCRIPTION	STATIONS
I	TITLE SHEET	
IA	LOCATION MAP	
IB	INDEX OF SHEETS	
IC	RIGHT OF WAY DATA SHEET	
IF	SURVEY ALIGNMENT DATA SHEET	
IG thru IG(1)	CONSTRUCTION ALIGNMENT DATA SHEET	
2A	TYPICAL SECTIONS	
3 - 3A(1)	PLAN AND PROFILE SHEETS	97+94.03 to 100+75.00
4 - 4B	PLAN, PROFILE AND EXHIBIT SHEETS	100+75.00 to 106+25.00
5 - 5B	PLAN, PROFILE AND EXHIBIT SHEETS	106+25.00 to 111+45.39
6(1)	SIGNING, PAVEMENT MARKING, AND LIGHTING PLAN	97+94.03 to 100+75.00
6(2)	SIGNING, PAVEMENT MARKING, AND LIGHTING PLAN	100+75.00 to 106+25.00
6(3)	SIGNING, PAVEMENT MARKING, AND LIGHTING PLAN	106+25.00 to 111+45.39

TOTAL CROSS SECTION SHEETS 13 (SEE CROSS SECTION SHEET NUMBER I FOR INDEX OF SHEETS)

## R. F. P. PLANS

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



PROJECT MANAGER *khallid.Gandhi\_P.E.(703)259-2397 (NOVA)*  
 SURVEYED BY *Blice.and.Associates\_(703)968-3200*  
 DESIGN SUPERVISED BY *Cesar.Vargas\_P.E.(703)642-8100 (Volkert, Inc.)*  
 DESIGNED BY *Volkert.Loc.(703)642-8100*  
 REVISED FOR D/B BY *Prime AE Group (703) 865-0606*  
 NOVA DISTRICT DESIGN UNIT

# SURVEY ALIGNMENT DATA SHEET

REVISED	STATE	STATE		SHEET NO.
	VA.	ROUTE	PROJECT	
		15	PRI5-076-236 P101, R201, C501	1F

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

**NOTES:**

- The mapping shown hereon is a compilation of a field run topographic survey and previous mapping for the Virginia Department of Transportation. The field run topographic mapping was captured in the fall of 2016 and was used to fill in and augment mapping that was completed for State Project \* 0066-076-074, which was mapped by Rice and Associates on October 2011 and State Project \* 0066-96A-297, which was mapped by Rice and Associates on September 2014.
- The area marked on the mapping as "areas under construction" are actively being demolished and reconstructed and represent the field conditions of September 2016.
- This survey was completed under the direct and responsible charge of Brian P. Fletcher, L.S., from an actual ground survey made under my supervision. The original data was obtained in latter part of the calendar year 2016. This digital geospatial data, including metadata, meets the minimum accuracy standards unless otherwise noted.
- This survey was prepared without the benefit of a title report; therefore, not all encumbrances to the property are necessarily shown here on. The property information shown on this route survey was compiled from existing land records and physical evidence found in the field, and does not represent a field run boundary survey.

## PLANIMETRIC LEGEND

- Advertising Sign
- Bore Hole
- Bench Mark
- Bollard Post
- PHOTO CP
- Control Station
- Cell Tower
- Drainage Flow Arrow (Storm Drainage)
- Filler Cap (Gas Stations)
- Flow Arrow (Streams & Rivers)
- Flag Pole
- Secondary Control Point
- Filler Pipe (Gas Stations)
- Gas Tank Access Manhole (Gas Stations)
- Gravesite Marker
- Guard Post
- Gas Vent Pipe (Gas Stations)
- Mail Box
- Mine Entrance
- Node Point
- Property Line Symbol
- Found Monumentation
- Property Monument
- Metal or Wooden Post
- Monitoring Well
- Road Arrow
- Reference
- Right of Way Monument
- VDOT Commission Monument
- Iron Right of Way Pin
- Railroad Mile Marker
- Railroad Right of Way Monument
- Railroad Signal Pole or Gate
- Railroad Telegraph Pole
- Railroad Telephone Pole
- Railroad Switch
- Shrub
- Storm Sewer Manhole
- Photogrammetric Target
- Tree
- Wetland Flag Automatic
- Wetland Flag Manual
- Bridge Elevation
- Plan Elevation
- Water Elevation
- Elevation Tick Mark
- Connected Plat Symbol
- Brush Line
- Pipe Culverts \*  
\* Designate size of culverts (Variable from 12" to 120")
- City Line
- County Line
- Curb Only
- Curb and Gutter
- Fence Line
- Guardrail
- Hedge Row
- Jersey Barrier
- Obscure Areas
- Paved Ditches
- Railroad
- Right of Way
- State Line
- Edges of Water
- Sidewalks
- Wetlands
- Woods

LD-200 (REV. 1/2014)

### Virginia Department of Transportation Horizontal Control

Control Station I. D. **96-A-2302** Project **0066-96-A-297-P101** **VDOT Project Coordinates - 2014**  
 Route **66** City/County **Prince William** Date **06-09-14** East (X) **11736134.867** ft.  
 Established By **Rice Associates** North (Y) **6979930.013** ft.  
 Vertical Datum Based On **NAVD88** Geoid **2012A** Elevation **304.419** ft.  
 Horizontal Datum Based On **NAD83** Zone **(North)** South (circle one)  
 Azimuth to Station \_\_\_\_\_  
 Latitude: **38°48'38.52706"** N (5 Decimal Places)  
 Longitude: **77°36'49.76350"** W (5 Decimal Places)  
 Geoid Separation (N) : **-32.077**  
 Ellipsoid Height (h) : **60.710** (WGS 84) To convert state plane units to VDOT project values, use the following formula.  
 Control Based On: Station (Name or PID) **P101\_UA0015** or  
 Project (Monument No.) \_\_\_\_\_ Order: \_\_\_\_\_  
**Virginia State Plane Coordinates - NAD 83 Values - Feet U.S. Survey**  
 East (X) **11735428.324** ft  
 North (Y) **6979509.805** ft  
 Ortho. Elevation (H) **304.419** ft

1. Multiply the Easting And Northing Values (For Both Zones) by the Project Specific Combined Scale and Elevation Factor **1.000060206** (9 Decimal Places).  
 A Reverse of this Procedure will Transform VDOT Project Coordinates to NAD 83 Values.  
 • Sketch and Detailed Description Below •

**DETAILED SKETCH**

From Legend Drive travel east along Heathcote Blvd Ebl, approximately 0.07 of a mile to VDOT Monument \*96-A-2302 on the Left in the grass median.

LD-200 (REV. 1/2014)

### Virginia Department of Transportation Horizontal Control

Control Station I. D. **96-A-2303** Project **0066-96-A-297-P101** **VDOT Project Coordinates - 2014**  
 Route **66** City/County **Prince William** Date **06-09-14** East (X) **11737040.880** ft.  
 Established By **Rice Associates** North (Y) **6979960.273** ft.  
 Vertical Datum Based On **NAVD88** Geoid **2012A** Elevation **299.012** ft.  
 Horizontal Datum Based On **NAD83** Zone **(North)** South (circle one)  
 Azimuth to Station \_\_\_\_\_  
 Latitude: **38°48'35.77441"** N (5 Decimal Places)  
 Longitude: **77°36'38.35133"** W (5 Decimal Places)  
 Geoid Separation (N) : **-32.074**  
 Ellipsoid Height (h) : **59.065** (WGS 84) To convert state plane units to VDOT project values, use the following formula.  
 Control Based On: Station (Name or PID) **P101\_UA0015** or  
 Project (Monument No.) \_\_\_\_\_ Order: \_\_\_\_\_  
**Virginia State Plane Coordinates - NAD 83 Values - Feet U.S. Survey**  
 East (X) **11736334.282** ft  
 North (Y) **6979240.081** ft  
 Ortho. Elevation (H) **299.012** ft

1. Multiply the Easting And Northing Values (For Both Zones) by the Project Specific Combined Scale and Elevation Factor **1.000060206** (9 Decimal Places).  
 A Reverse of this Procedure will Transform VDOT Project Coordinates to NAD 83 Values.  
 • Sketch and Detailed Description Below •

**DETAILED SKETCH**

From Catharpin Road travel east along Heathcote Blvd Ebl, approximately 0.06 of a mile to VDOT Monument \*96-A-2303 on the Left in the grass median.

**Survey Control**

Point 100	N	6,983,255.92 E	11,730,512.23 Sta	100+00.00	Iron Rod/Cap
Course from 100 to 101 N 86° 50' 08" W Dist 483.73					
Point 101	N	6,983,282.62 E	11,730,029.24 Sta	104+83.73	Iron Rod/Cap

## R. F. P. PLANS

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

PROJECT MANAGER: Khalid Gandhi, P.E. (703) 259-2397 (NOVA)  
 SURVEYED BY: Blaine and Associates, (703) 968-3200  
 DESIGN SUPERVISED BY: Cesar Vargas, P.E. (703) 642-8100 (Volkert, Inc.)  
 DESIGNED BY: Volkert Inc. (703) 642-8100  
 REVISED FOR D/B BY: Prime AE Group (703) 865-0606  
 NOVA DISTRICT DESIGN UNIT

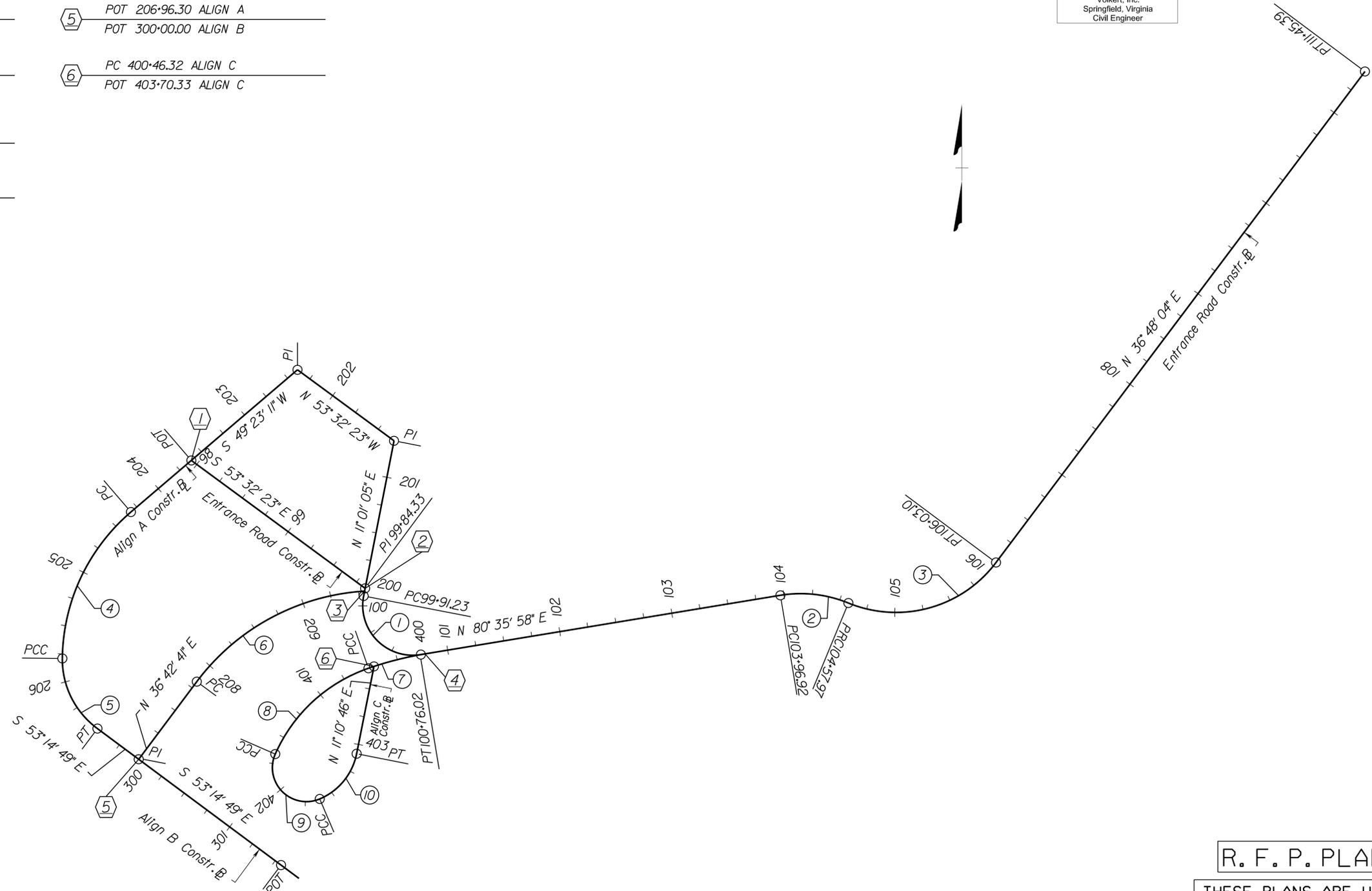
REVISED	STATE		PROJECT		SHEET NO.
	STATE	ROUTE	PROJECT		
	VA.	15	PR15-076-236 PI01, R201, C501		16

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

Volkert, Inc.  
Springfield, Virginia  
Civil Engineer

# CONSTRUCTION ALIGNMENT DATA SHEET

- ① POT 97\*94.05 ENTRANCE ROAD  
POT 203\*61.65 ALIGN A
- ② POT 99\*84.33 ENTRANCE ROAD  
POT 200\*00.00 ALIGN A
- ③ POT 99\*86.84 ENTRANCE ROAD  
PC 209\*55.32 ALIGN A
- ④ POT 104\*79.72 ENTRANCE ROAD  
PC 400\*00.00 ALIGN C
- ⑤ POT 206\*96.30 ALIGN A  
POT 300\*00.00 ALIGN B
- ⑥ PC 400\*46.32 ALIGN C  
POT 403\*70.33 ALIGN C



## R. F. P. PLANS

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PROJECT  
PR15-076-236

SHEET NO.  
16



87 ME 857 AMP 8

PROJECT MANAGER *Khalid Gandhi, P.E. (703) 259-2397 (NOVA)*  
SURVEYED BY *Bilce and Associates (703) 968-3200*  
DESIGN SUPERVISED BY *Cesar Vargas, P.E. (703) 642-8100 (Volkert, Inc.)*  
DESIGNED BY *Volkert Inc. (703) 642-8100*  
REVISED FOR D/B BY *Prime AE Group (703) 865-0606*  
NOVA DISTRICT DESIGN UNIT

REVISED	STATE	STATE		SHEET NO.
	VA.	ROUTE 15	PROJECT PRI5-076-236 PIOI, R20I, C50I	

# CONSTRUCTION ALIGNMENT DATA SHEET

## CONSTRUCTION BASELINE ENTRANCE ROAD

## CONSTRUCTION BASELINE ALIGN A

## CONSTRUCTION BASELINE ALIGN C

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

Volkert, Inc.  
Springfield, Virginia  
Civil Engineer

Beginning chain ENTRANCEBL description

Point ER01	N	6,982,900.43 E	11,729,374.16 Sta	97+94.03
Course from ER01 to ER02 S 53° 32' 22.63" E Dist 190.30				
Point ER02	N	6,982,787.34 E	11,729,527.21 Sta	99+84.33
Course from ER02 to PC ENTRANCEBL1 S 11° 01' 04.93" W Dist 6.89				

Curve Data

Curve ENTRANCEBL1				
P.I. Station	100+54.56	N	6,982,718.42 E	11,729,513.79
Delta	= 110° 25' 07.07" (LT)			
Degree	= 130° 13' 03.65"			
Tangent	= 63.33			
Length	= 84.80			
Radius	= 44.00			
External	= 33.11			
Long Chord	= 72.27			
Mid. Ord.	= 18.89			
P.C. Station	99+91.23	N	6,982,780.58 E	11,729,525.90
P.T. Station	100+76.02	N	6,982,728.76 E	11,729,576.27
C.C.		N	6,982,772.17 E	11,729,569.09
Back	= S 11° 01' 04.91" W			
Ahead	= N 80° 35' 57.84" E			
Chord Bear	= S 44° 11' 28.62" E			

Course from PT ENTRANCEBL1 to PC ENTRANCEBL2 N 80° 35' 57.84" E Dist 320.90

Curve Data

Curve ENTRANCEBL2				
P.I. Station	104+28.25	N	6,982,786.29 E	11,729,923.77
Delta	= 31° 47' 56.05" (RT)			
Degree	= 52° 05' 13.46"			
Tangent	= 31.33			
Length	= 61.05			
Radius	= 110.00			
External	= 4.38			
Long Chord	= 60.27			
Mid. Ord.	= 4.21			
P.C. Station	103+96.92	N	6,982,781.17 E	11,729,892.86
P.T. Station	104+57.97	N	6,982,774.35 E	11,729,952.74
C.C.		N	6,982,672.65 E	11,729,910.83
Back	= N 80° 35' 57.84" E			
Ahead	= S 67° 36' 06.11" E			
Chord Bear	= S 83° 30' 04.13" E			

Course from PT ENTRANCEBL2 to PC ENTRANCEBL3 N 36° 48' 04.46" E Dist 542.29

Curve Data

Curve ENTRANCEBL3				
P.I. Station	105+43.29	N	6,982,741.84 E	11,730,031.63
Delta	= 75° 35' 49.43" (LT)			
Degree	= 52° 05' 13.46"			
Tangent	= 85.32			
Length	= 145.14			
Radius	= 110.00			
External	= 29.21			
Long Chord	= 134.84			
Mid. Ord.	= 23.08			
P.C. Station	104+57.97	N	6,982,774.35 E	11,729,952.74
P.T. Station	106+03.10	N	6,982,810.16 E	11,730,082.74
C.C.		N	6,982,876.05 E	11,729,994.66
Back	= S 67° 36' 06.11" E			
Ahead	= N 36° 48' 04.46" E			
Chord Bear	= N 74° 35' 59.18" E			

Course from PT ENTRANCEBL3 to ER03 N 36° 48' 04.46" E Dist 542.29

Point ER03	N	6,983,244.38 E	11,730,407.59 Sta	111+45.39
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Ending chain ENTRANCEBL description

## CONSTRUCTION BASELINE ALIGN B

Beginning chain ALIGN\_B description

Point B03	N	6,982,636.21 E	11,729,327.82 Sta	300+00.00
Course from B03 to B04 S 53° 14' 48.87" E Dist 156.41				
Point B04	N	6,982,542.62 E	11,729,453.14 Sta	301+56.41

Ending chain ALIGN\_B description

Beginning chain ALIGN\_A description

Point A01	N	6,982,787.34 E	11,729,527.21 Sta	200+00.00
Course from A01 to A02 N 11° 01' 04.94" E Dist 132.89				
Point A02	N	6,982,917.78 E	11,729,552.61 Sta	201+32.89
Course from A02 to A03 N 53° 32' 22.63" W Dist 105.67				
Point A03	N	6,982,980.58 E	11,729,467.62 Sta	202+38.56
Course from A03 to PC ALIGN_A1 S 49° 23' 11.10" W Dist 193.20				

Curve Data

Curve ALIGN_A1				
P.I. Station	205+10.20	N	6,982,803.76 E	11,729,261.42
Delta	= 48° 46' 47.72" (LT)			
Degree	= 33° 07' 08.21"			
Tangent	= 78.44			
Length	= 147.29			
Radius	= 173.00			
External	= 16.95			
Long Chord	= 142.88			
Mid. Ord.	= 15.44			
P.C. Station	204+31.76	N	6,982,854.82 E	11,729,320.96
P.T. Station	205+79.05	N	6,982,725.32 E	11,729,260.59
C.C.		N	6,982,723.49 E	11,729,433.58
Back	= S 49° 23' 11.10" W			
Ahead	= S 0° 36' 23.38" W			
Chord Bear	= S 24° 59' 47.24" W			

Curve Data

Curve ALIGN_A2				
P.I. Station	206+17.65	N	6,982,686.72 E	11,729,260.18
Delta	= 53° 51' 12.24" (LT)			
Degree	= 75° 23' 21.31"			
Tangent	= 38.60			
Length	= 71.43			
Radius	= 76.00			
External	= 9.24			
Long Chord	= 68.83			
Mid. Ord.	= 8.24			
P.C. Station	205+79.05	N	6,982,725.32 E	11,729,260.59
P.T. Station	206+50.48	N	6,982,663.62 E	11,729,291.11
C.C.		N	6,982,724.52 E	11,729,336.58
Back	= S 0° 36' 23.38" W			
Ahead	= S 53° 14' 48.87" E			
Chord Bear	= S 26° 19' 12.74" E			

Course from PT ALIGN\_A2 to A04 S 53° 14' 48.87" E Dist 45.82

Point A04	N	6,982,636.21 E	11,729,327.82 Sta	206+96.30
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Course from A04 to PC ALIGN\_A3 N 36° 42' 41.04" E Dist 85.61

Curve Data

Curve ALIGN_A3				
P.I. Station	208+74.49	N	6,982,779.06 E	11,729,434.33
Delta	= 49° 40' 49.95" (RT)			
Degree	= 28° 38' 52.40"			
Tangent	= 92.58			
Length	= 173.42			
Radius	= 200.00			
External	= 20.39			
Long Chord	= 168.04			
Mid. Ord.	= 18.50			
P.C. Station	207+81.90	N	6,982,704.84 E	11,729,378.99
P.T. Station	209+55.32	N	6,982,784.88 E	11,729,526.73
C.C.		N	6,982,585.28 E	11,729,539.32
Back	= N 36° 42' 41.04" E			
Ahead	= N 86° 23' 30.99" E			
Chord Bear	= N 61° 33' 06.02" E			

Ending chain ALIGN\_A description

### R. F. P. PLANS

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Beginning chain ALIGN\_C description

Curve Data

Curve ALIGN_C1				
P.I. Station	400+25.78	N	6,982,725.15 E	11,729,554.48
Delta	= 9° 49' 26.01" (LT)			
Degree	= 19° 05' 54.94"			
Tangent	= 25.78			
Length	= 51.44			
Radius	= 300.00			
External	= 1.11			
Long Chord	= 51.37			
Mid. Ord.	= 1.10			
P.C. Station	400+00.00	N	6,982,729.36 E	11,729,579.92
P.T. Station	400+51.44	N	6,982,716.66 E	11,729,530.14
C.C.		N	6,982,433.39 E	11,729,628.92
Back	= S 80° 35' 57.84" W			
Ahead	= S 70° 46' 31.83" W			
Chord Bear	= S 75° 41' 14.84" W			

Curve Data

Curve ALIGN_C2				
P.I. Station	401+12.39	N	6,982,696.59 E	11,729,472.58
Delta	= 47° 03' 26.71" (LT)			
Degree	= 40° 55' 32.01"			
Tangent	= 60.96			
Length	= 114.98			
Radius	= 140.00			
External	= 12.70			
Long Chord	= 111.78			
Mid. Ord.	= 11.64			
P.C. Station	400+51.44	N	6,982,716.66 E	11,729,530.14
P.T. Station	401+66.42	N	6,982,640.78 E	11,729,448.06
C.C.		N	6,982,584.47 E	11,729,576.23
Back	= S 70° 46' 31.83" W			
Ahead	= S 23° 43' 05.12" W			
Chord Bear	= S 47° 14' 48.47" W			

Curve Data

Curve ALIGN_C3				
P.I. Station	402+42.03	N	6,982,571.56 E	11,729,417.65
Delta	= 136° 42' 51.73" (LT)			
Degree	= 190° 59' 09.35"			
Tangent	= 75.61			
Length	= 71.58			
Radius	= 30.00			
External	= 51.34			
Long Chord	= 55.77			
Mid. Ord.	= 18.94			
P.C. Station	401+66.42	N	6,982,640.78 E	11,729,448.06
P.T. Station	402+38.00	N	6,982,601.10 E	11,729,487.25
C.C.		N	6,982,628.72 E	11,729,475.53
Back	= S 23° 43' 05.12" W			
Ahead	= N 67° 00' 13.38" E			
Chord Bear	= S 44° 38' 20.75" E			

Curve Data

Curve ALIGN_C4				
P.I. Station	402+67.14	N	6,982,612.48 E	11,729,514.07
Delta	= 55° 49' 27.67" (LT)			
Degree	= 104° 10' 26.94"			
Tangent	= 29.14			
Length	= 53.59			
Radius	= 55.00			
External	= 7.24			
Long Chord	= 51.49			
Mid. Ord.	= 6.40			
P.C. Station	402+38.00	N	6,982,601.10 E	11,729,487.25
P.T. Station	402+91.59	N	6,982,641.07 E	11,729,519.72
C.C.		N	6,982,651.73 E	11,729,465.76
Back	= N 67° 00' 13.38" E			
Ahead	= N 11° 10' 45.71" E			
Chord Bear	= N 39° 05' 29.55" E			

Course from PT ALIGN\_C4 to C02 N 11° 10' 45.71" E Dist 78.73

Point C02	N	6,982,718.31 E	11,729,534.98 Sta	403+70.33
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Ending chain ALIGN\_C description

PROJECT MANAGER: Khalid Gandhi, P.E. (703) 259-2397 (NOVA)  
SURVEYED BY: Blca and Associates (703) 988-3200  
DESIGN SUPERVISED BY: Cesar Vargas, P.E. (703) 642-8100 (Volkert, Inc.)  
DESIGNED BY: Volkert Inc. (703) 642-8100  
REVISED FOR D/B BY: Prime & E Group (703) 865-0606  
NOVA DISTRICT DESIGN UNIT

**R. F. P. PLANS**

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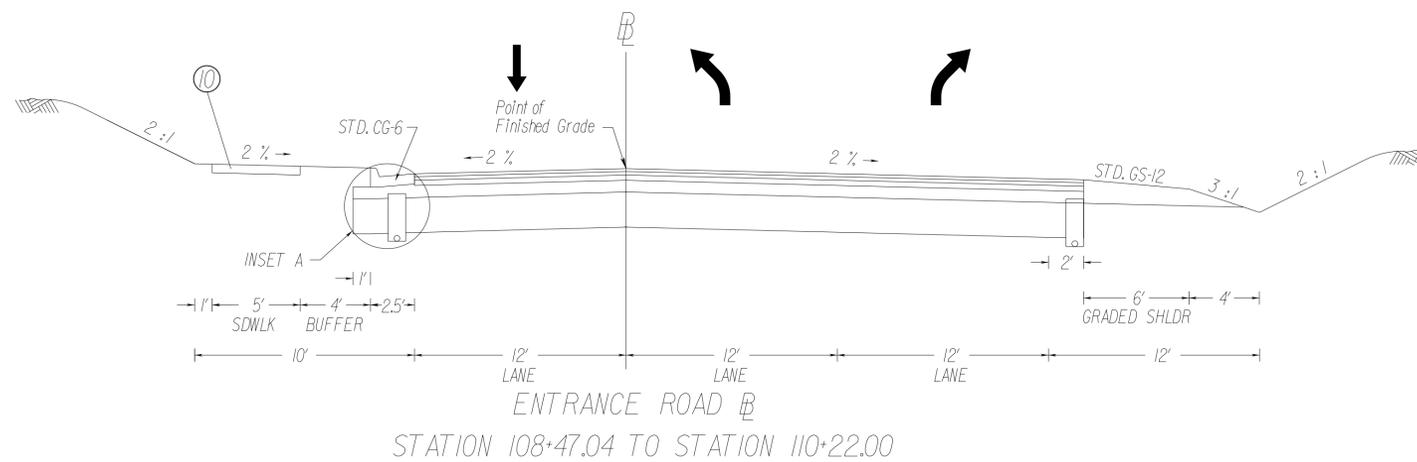
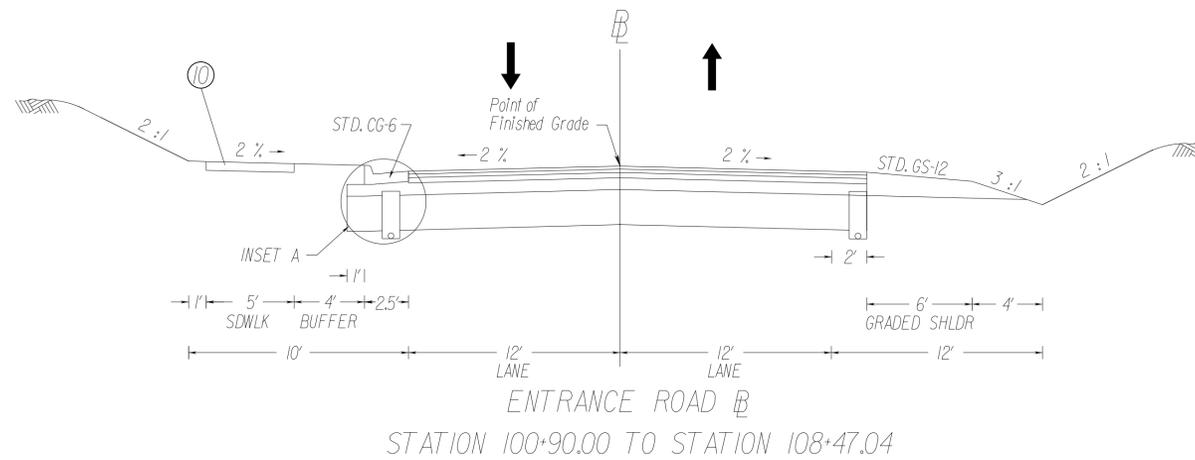
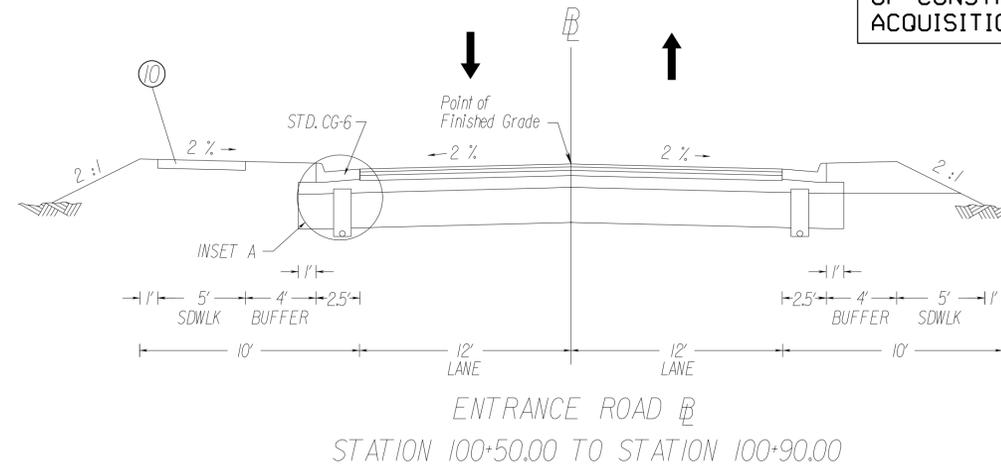
REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	15	PR15-076-236 P101, R201, C501	2A

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

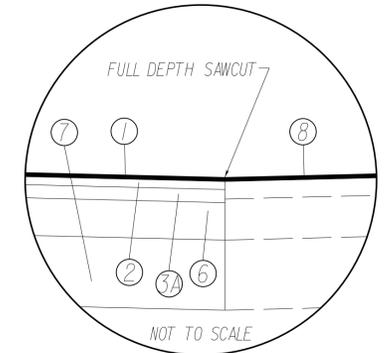
VDOT (Division) or Co. Name  
(Location), Virginia  
(TECHNICAL DISCIPLINE)

**TYPICAL SECTIONS**

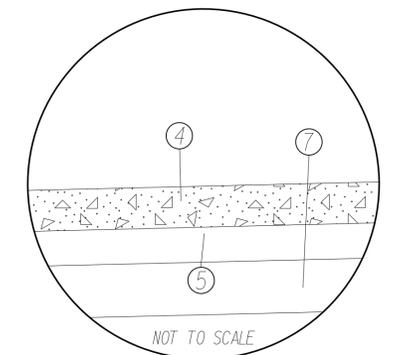
- 1 1" ASPHALT CONCRETE SURFACE COURSE TYPE SM-4.75A @ 115 LBS.PER SQ.YD.
- 2 2" ASPHALT CONCRETE TYPE IM-19.0A @ 230 LBS.PER SQ.YD.
- 3 3" ASPHALT CONCRETE BASE COURSE TYPE BM-25.0A
- 3A 6" ASPHALT CONCRETE BASE COURSE TYPE BM-25.0A
- 4 8" PLAIN JOINTED CONCRETE PAVEMENT STANDARD PR-2 W/ MAX.15' JOINT SPACING. A JOINT LAYOUT PLAN TO BE PROVIDED BY THE DESIGN-BUILDER TO VDOT FOR APPROVAL PRIOR TO CONSTRUCTION.
- 5 6" AGGREGATE BASE MATERIAL TYPE 1, NO.21B
- 6 8" AGGREGATE BASE MATERIAL TYPE 1, NO.21B
- 7 2' UNDERCUT & SELECT MATERIAL REPLACEMENT, AS REQUIRED
- 8 2" MILLING & REPLACE WITH 2" ASPHALT CONCRETE SURFACE COURSE TYPE SM-9.5D @ 235 LBS.PER SQ.YD.
- 9 STANDARD UD-4 REQ'D
- 10 4" CONCRETE (CLASS A-3) AND 4" AGGREGATE BASE MATERIAL TYPE 1, NO.21B



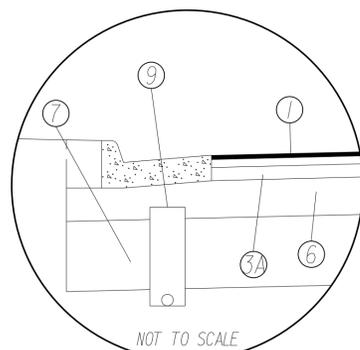
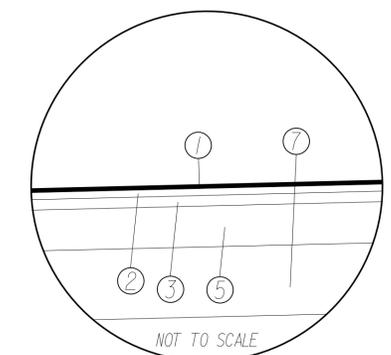
END OF CONSTRUCTION TIE-IN WITH HEATHCOTE BLVD



BUS PAD PAVEMENT INSET



PARKING LOT PAVEMENT INSET



INSET A

NOT TO SCALE	PROJECT PR15-076-236	SHEET NO. 2A
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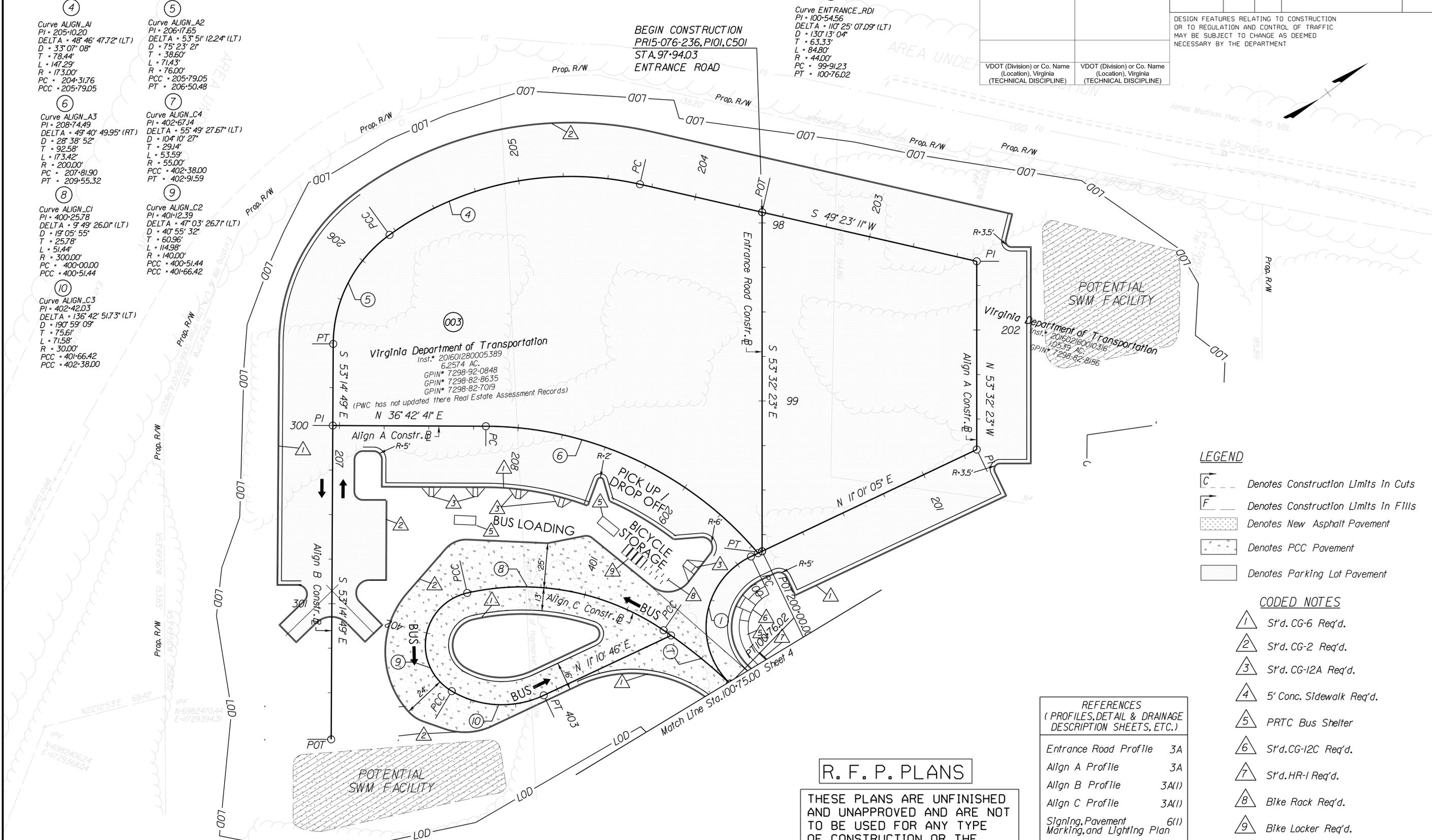
PROJECT MANAGER: Khalid Gandhi, P.E. (703) 259-2397 (NOVA)  
SURVEYED BY: Eliza and Associates, (703) 968-3200  
DESIGN SUPERVISED BY: Cesar Vargas, P.E. (703) 642-8100 (Volkert, Inc.)  
DESIGNED BY: Volkert Inc. (703) 642-8100  
REVISED FOR D/B BY: Prime AE Group (703) 865-0606  
NOVA DISTRICT DESIGN UNIT

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	15	PR15-076-236 PI01, R201, C501	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)

- 4  
Curve ALIGN\_A1  
PI = 205+10.20  
DELTA = 48° 46' 47.72" (LT)  
D = 33' 07' 08"  
T = 78.44'  
L = 147.29'  
R = 173.00'  
PC = 204+31.76  
PCC = 205+79.05
- 5  
Curve ALIGN\_A2  
PI = 206+17.65  
DELTA = 53° 51' 12.24" (LT)  
D = 75' 23' 21"  
T = 38.60'  
L = 71.43'  
R = 76.00'  
PCC = 205+79.05  
PT = 206+50.48
- 6  
Curve ALIGN\_A3  
PI = 208+74.49  
DELTA = 49° 40' 49.95" (RT)  
D = 28' 38' 52"  
T = 92.58'  
L = 173.42'  
R = 200.00'  
PC = 207+81.90  
PT = 209+55.32
- 7  
Curve ALIGN\_C4  
PI = 402+67.14  
DELTA = 55° 49' 27.67" (LT)  
D = 104' 10' 27"  
T = 291.4'  
L = 53.59'  
R = 55.00'  
PCC = 402+38.00  
PT = 402+91.59
- 8  
Curve ALIGN\_C1  
PI = 400+25.78  
DELTA = 9° 49' 26.01" (LT)  
D = 19' 05' 55"  
T = 25.78'  
L = 51.44'  
R = 300.00'  
PC = 400+00.00  
PCC = 400+51.44
- 9  
Curve ALIGN\_C2  
PI = 401+12.39  
DELTA = 47° 03' 26.71" (LT)  
D = 40' 55' 32"  
T = 60.96'  
L = 114.98'  
R = 140.00'  
PCC = 400+51.44  
PCC = 401+66.42
- 10  
Curve ALIGN\_C3  
PI = 402+42.03  
DELTA = 136° 42' 51.73" (LT)  
D = 190' 59' 09"  
T = 75.61'  
L = 71.58'  
R = 30.00'  
PCC = 401+66.42  
PCC = 402+38.00



**LEGEND**

- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills
- Denotes New Asphalt Pavement
- Denotes PCC Pavement
- Denotes Parking Lot Pavement

**CODED NOTES**

- 1 S't.d. CG-6 Req'd.
- 2 S't.d. CG-2 Req'd.
- 3 S't.d. CG-12A Req'd.
- 4 5' Conc. Sidewalk Req'd.
- 5 PRTC Bus Shelter
- 6 S't.d. CG-12C Req'd.
- 7 S't.d. HR-1 Req'd.
- 8 Bike Rack Req'd.
- 9 Bike Locker Req'd.

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

Entrance Road Profile	3A
Align A Profile	3A
Align B Profile	3A(I)
Align C Profile	3A(I)
Signing, Pavement Marking, and Lighting Plan	6(I)

**R. F. P. PLANS**

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SCALE	PROJECT	SHEET NO.
0 25' 50'	PR15-076-236	3

PROJECT MANAGER *Khalid Gandh* P.E. (703) 259-2397 (NOVA)  
 SURVEYED BY *Bilce and Associates* (703) 968-3200  
 DESIGN SUPERVISED BY *Cesar Vargas* P.E. (703) 642-8100 (Volkert Inc.)  
 DESIGNED BY *Volkert Inc.* (703) 642-8100  
 REVISED FOR D/B BY *Prime AE Group* (703) 865-0606

NOVA DISTRICT DESIGN UNIT

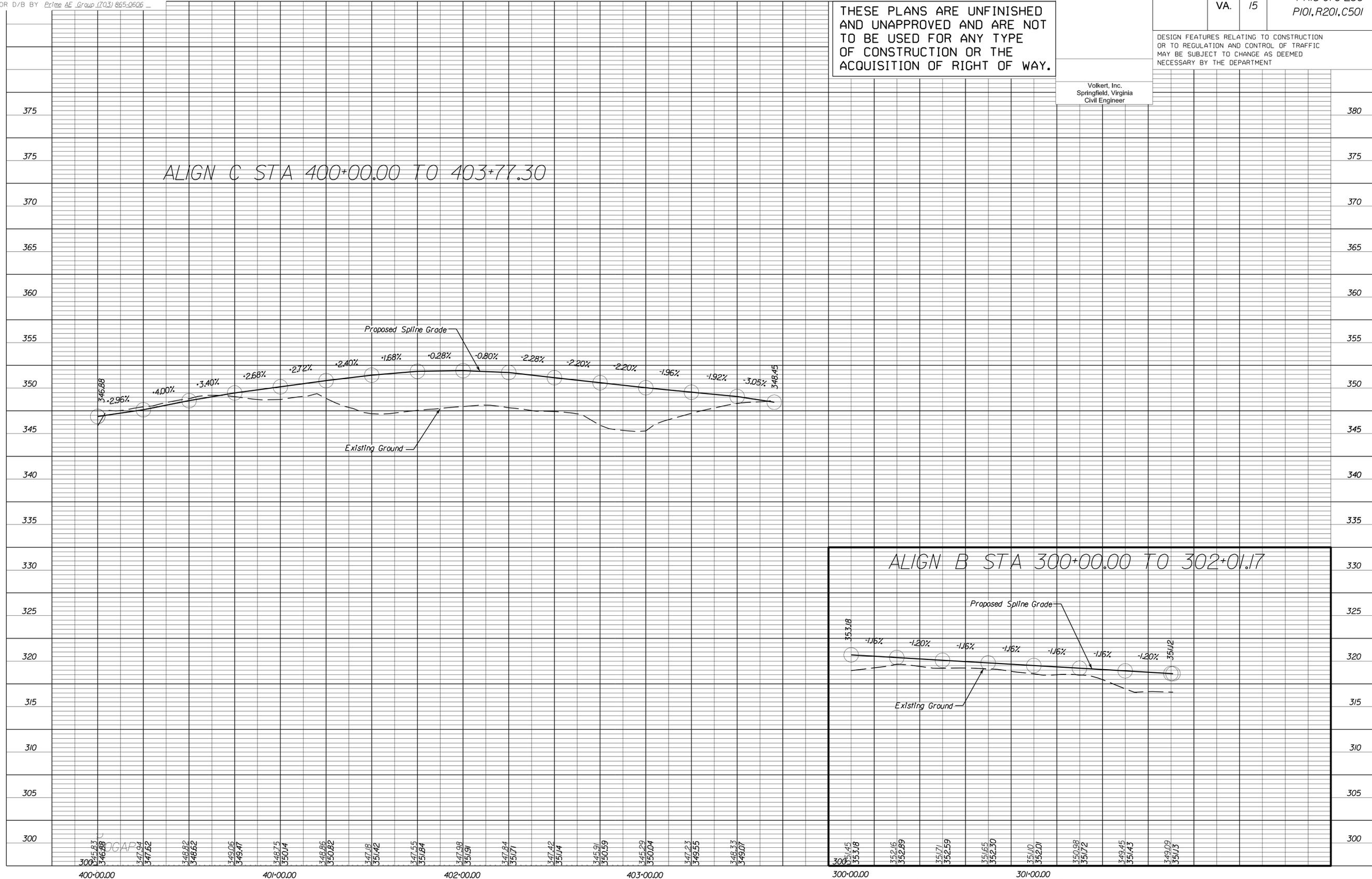
# R. F. P. PLANS

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

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	15		PR15-076-236 P101, R201, C501	3A(1)

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

Volkert, Inc.  
 Springfield, Virginia  
 Civil Engineer



\$TIME\$TAMP\$



PROJECT  
PR15-076-236

SHEET NO.  
3A(1)

PROJECT MANAGER *Khalid Gandh* P.E. (703) 259-2397 (NOVA)  
 SURVEYED BY *Bilce and Associates* (703) 968-3200  
 DESIGN SUPERVISED BY *Cesar Vargas* P.E. (703) 642-8100 (Volkert Inc.)  
 DESIGNED BY *Volkert Inc.* (703) 642-8100  
 REVISED FOR D/B BY *Prime AE Group* (703) 865-0606

NOVA DISTRICT DESIGN UNIT

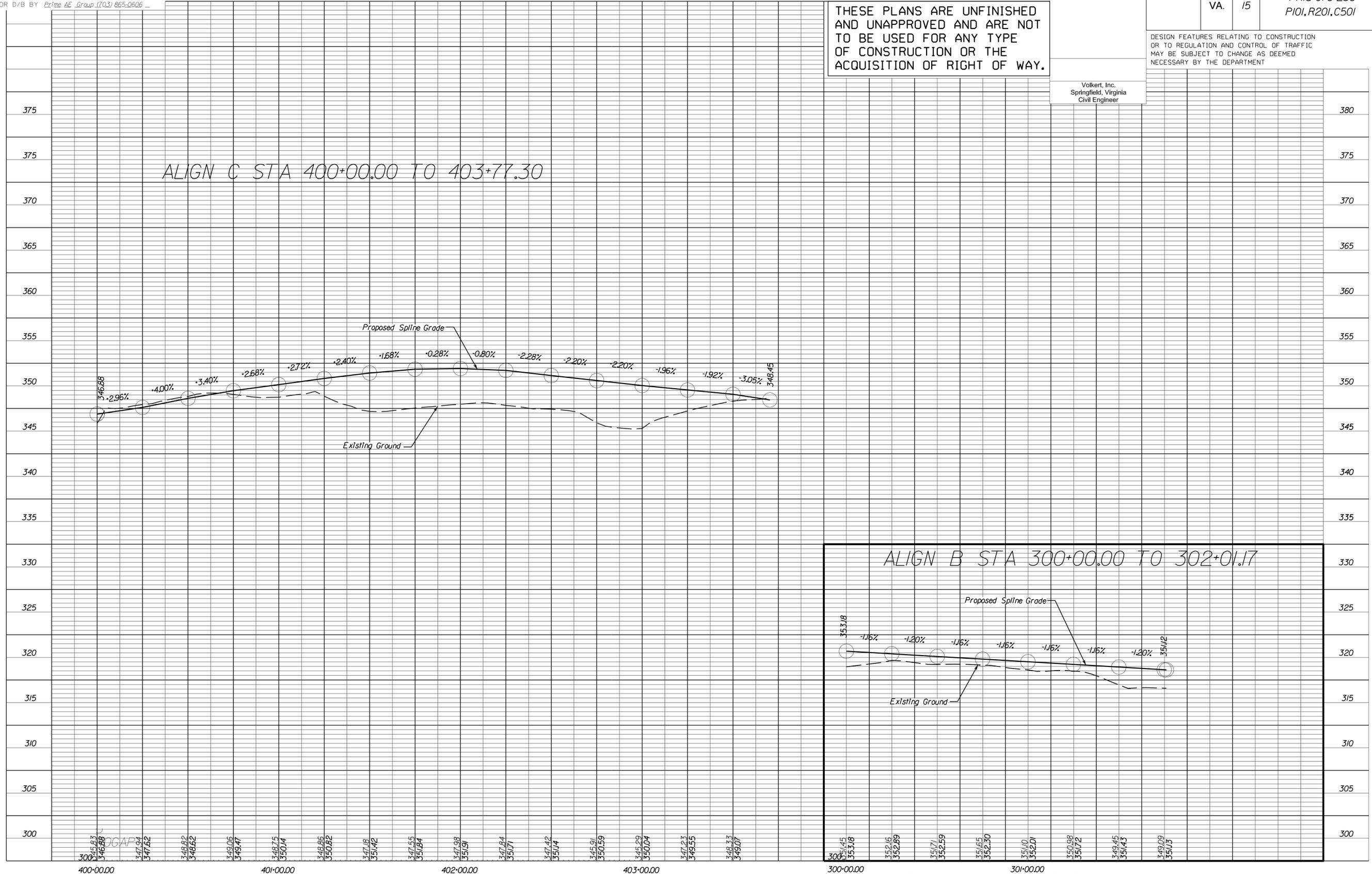
# R. F. P. PLANS

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

Volkert, Inc.  
 Springfield, Virginia  
 Civil Engineer

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	15	PR15-076-236 P101, R201, C501	3A(1)

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



\$TIME\$TAMP\$



PROJECT MANAGER: *Khalid Gandhi, P.E.* (703) 259-2397 (NOVA)  
SURVEYED BY: *Blca and Associates* (703) 968-3200  
DESIGN SUPERVISED BY: *Cesar Vargas, P.E.* (703) 642-8100 (Volkert, Inc.)  
DESIGNED BY: *Volkert Inc.* (703) 642-8100  
REVISED FOR D/B BY: *Prime AE Group* (703) 865-0606  
NOVA DISTRICT DESIGN UNIT

REVISED	STATE		PROJECT	SHEET NO.
	VA.	ROUTE		
	VA.	15	PRI5-076-236 P101, R201, C501	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)

### R. F. P. PLANS

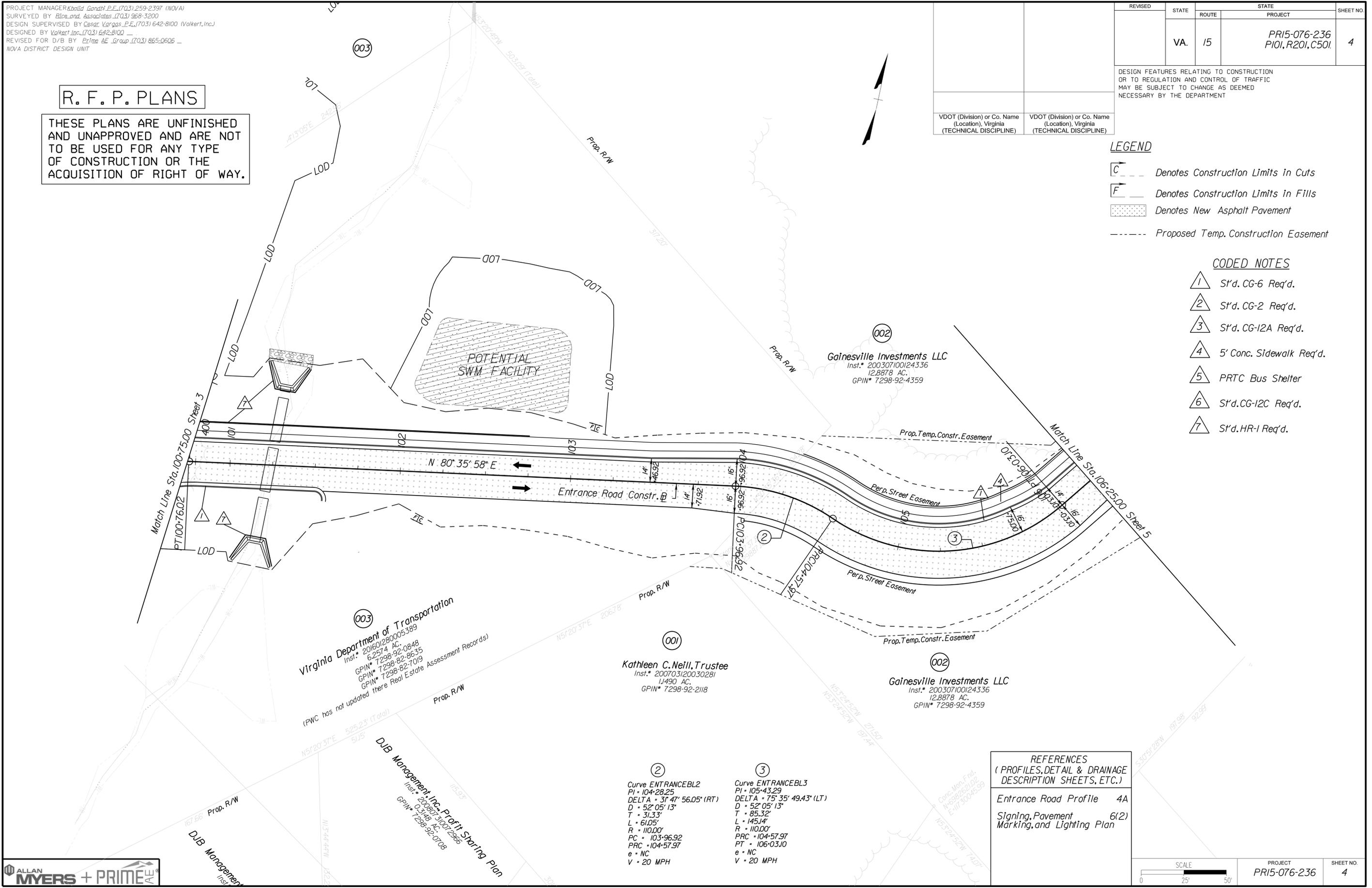
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### LEGEND

- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills
- Denotes New Asphalt Pavement
- Proposed Temp. Construction Easement

### CODED NOTES

- S't.d. CG-6 Req'd.
- S't.d. CG-2 Req'd.
- S't.d. CG-12A Req'd.
- 5' Conc. Sidewalk Req'd.
- PRTC Bus Shelter
- S't.d. CG-12C Req'd.
- S't.d. HR-1 Req'd.



**Virginia Department of Transportation**  
Inst. # 201601280005389  
6.2574 AC.  
GPIN # 7298-92-0848  
GPIN # 7298-82-8635  
GPIN # 7298-82-7019  
(PWC has not updated their Real Estate Assessment Records)

**Kathleen C. Neill, Trustee**  
Inst. # 200703120030281  
1.490 AC.  
GPIN # 7298-92-2118

**Gainesville Investments LLC**  
Inst. # 200307100124336  
12.8878 AC.  
GPIN # 7298-92-4359

**Curve ENTRANCEBL2**  
PI • 104.28.25  
DELTA • 31° 47' 56.05" (RT)  
D • 52' 05' 13"  
T • 31.33'  
L • 61.05'  
R • 110.00'  
PC • 103+96.92  
PRC • 104+57.97  
e • NC  
V • 20 MPH

**Curve ENTRANCEBL3**  
PI • 105+43.29  
DELTA • 75° 35' 49.43" (LT)  
D • 52' 05' 13"  
T • 85.32'  
L • 145.14'  
R • 110.00'  
PRC • 104+57.97  
PT • 106+03.10  
e • NC  
V • 20 MPH

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

- Entrance Road Profile 4A
- Signing, Pavement Marking, and Lighting Plan 6(2)



PROJECT	SHEET NO.
PRI5-076-236	4



87 ME 857 AMP#

PROJECT MANAGER *Khalid Gandh* P.E. (703) 259-2397 (NOVA)  
SURVEYED BY *Bilce and Associates* (703) 968-3200  
DESIGN SUPERVISED BY *Cesar Vargas* P.E. (703) 642-8100 (Volkert Inc.)  
DESIGNED BY *Volkert Inc.* (703) 642-8100  
REVISED FOR D/B BY *Prime AE Group* (703) 865-0606

NOVA DISTRICT DESIGN UNIT

**R. F. P. PLANS**

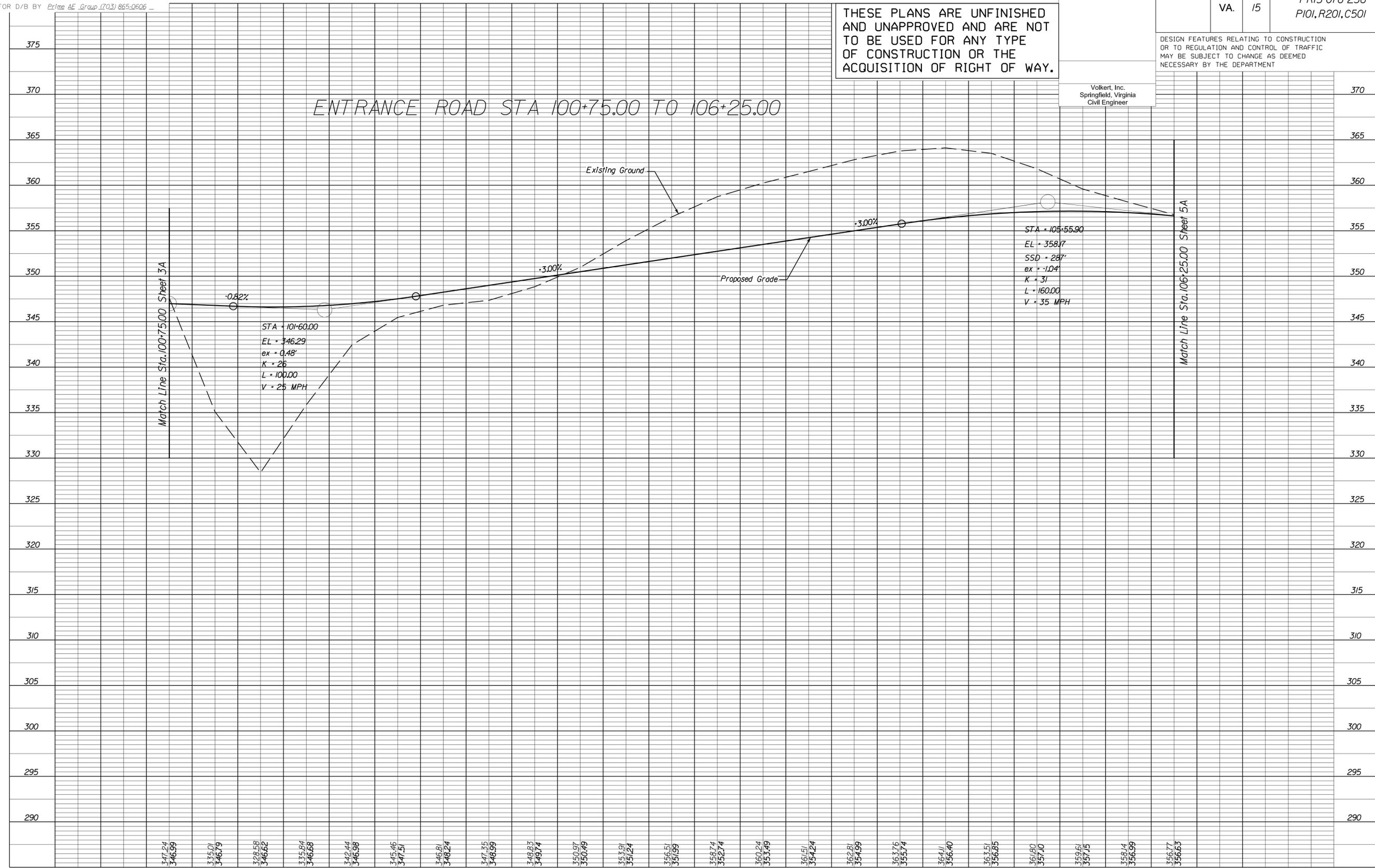
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Volkert, Inc.  
Springfield, Virginia  
Civil Engineer

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	15	PR15-076-236 P101, R201, C501	4A

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

ENTRANCE ROAD STA 100+75.00 TO 106+25.00



Match Line Sta. 100+75.00 Sheet 3A

Match Line Sta. 106+25.00 Sheet 5A

8 TIME STAMPS



PROJECT MANAGER: *Khalid Gandhi, P.E.* (703) 259-2397 (NOVA)  
SURVEYED BY: *Blca and Associates* (703) 968-3200  
DESIGN SUPERVISED BY: *Cesar Vargas, P.E.* (703) 642-8100 (Volkert, Inc.)  
DESIGNED BY: *Volkert Inc.* (703) 642-8100  
REVISED FOR D/B BY: *Prime AE Group* (703) 865-0606  
NOVA DISTRICT DESIGN UNIT

REVISED	STATE		STATE	SHEET NO.
	ROUTE	PROJECT	PROJECT	
	VA.	15	PR15-076-236 PI01, R201, C501	5

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

### R. F. P. PLANS

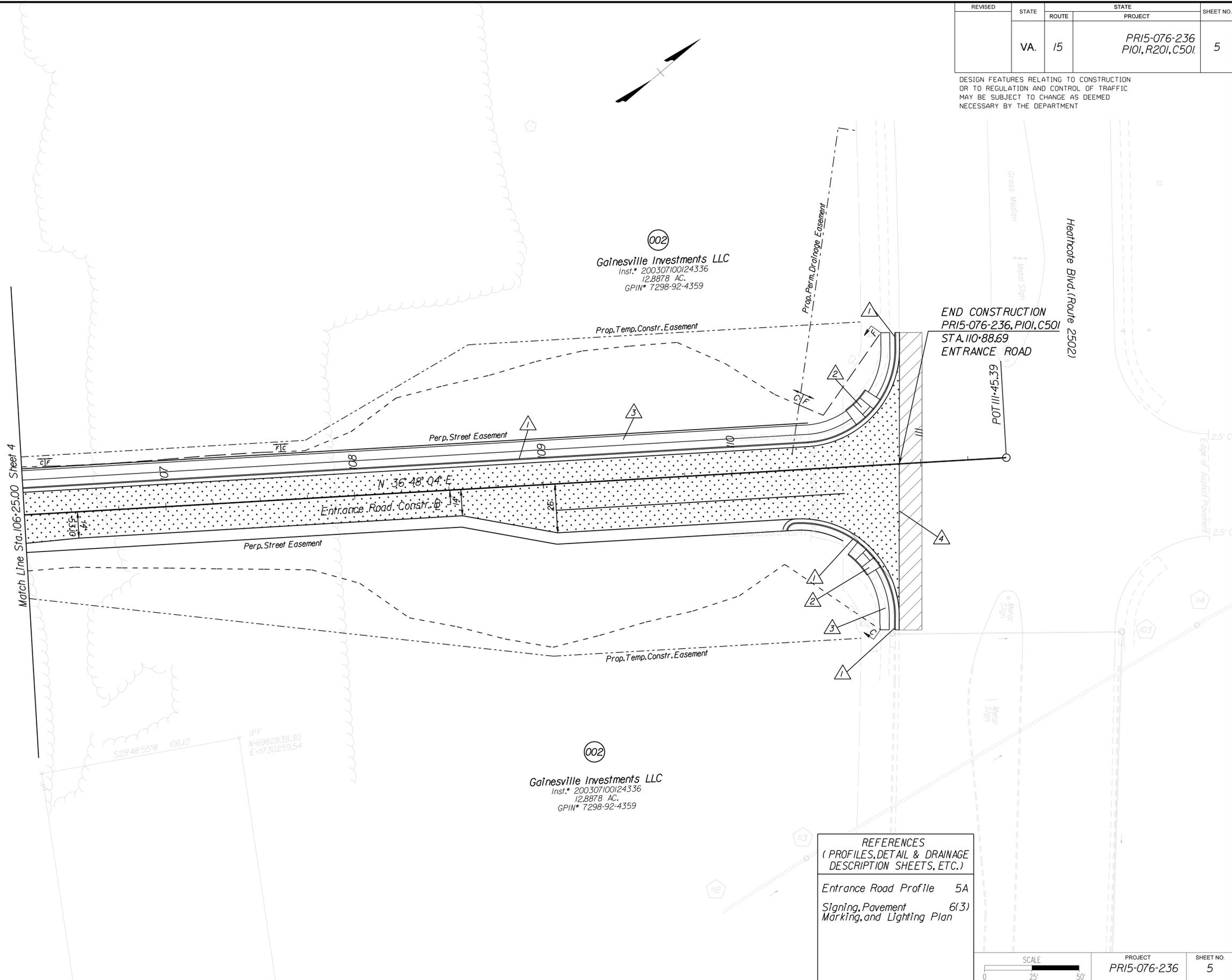
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#### LEGEND

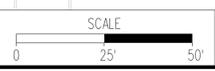
- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills
- Denotes New Asphalt Pavement
- Proposed Temp. Construction Easement
- Denotes Mill and Overlay

#### CODED NOTES

- St'd. CG-6 Req'd.
- St'd. CG-12B Req'd.
- 5' Conc. Sidewalk Req'd.
- Full Depth Sawcut



REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Entrance Road Profile	5A
Signing, Pavement Marking, and Lighting Plan	6(3)



PROJECT	SHEET NO.
PR15-076-236	5

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



87 ME 857 AMP 8

PROJECT MANAGER *Khalid Gandh* P.E. (703) 259-2397 (NOVA)  
SURVEYED BY *Blice and Associates* (703) 968-3200  
DESIGN SUPERVISED BY *Cesar Vargas* P.E. (703) 642-8100 (Volkert Inc.)  
DESIGNED BY *Volkert Inc.* (703) 642-8100  
REVISED FOR D/B BY *Prime AE Group* (703) 865-0606

NOVA DISTRICT DESIGN UNIT

# R. F. P. PLANS

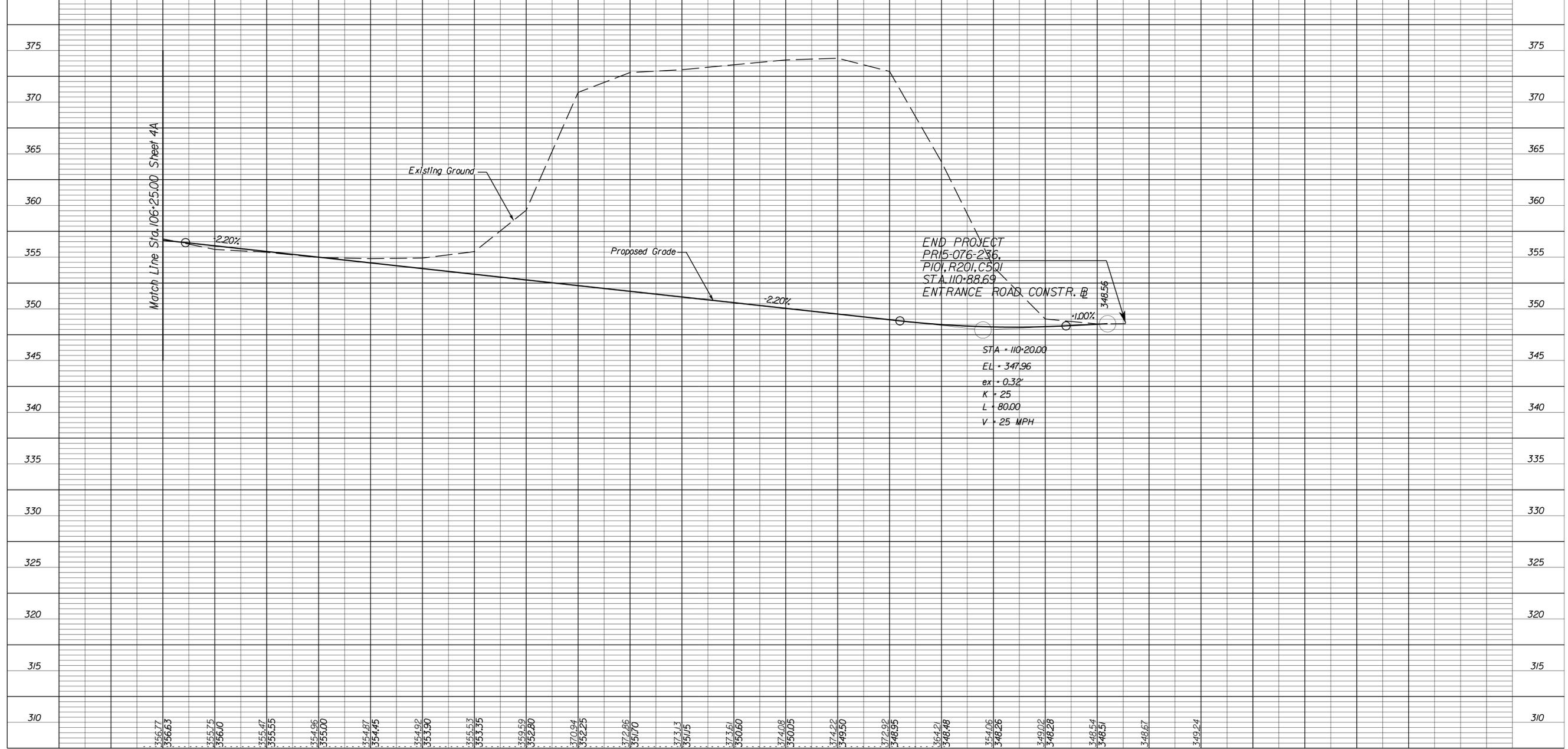
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Volkert, Inc.  
Springfield, Virginia  
Civil Engineer

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	15	PR15-076-236 P101, R201, C501	5A

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

## ENTRANCE ROAD STA 106+25.00 TO 111+36.37



8TIME\$TAMP\$

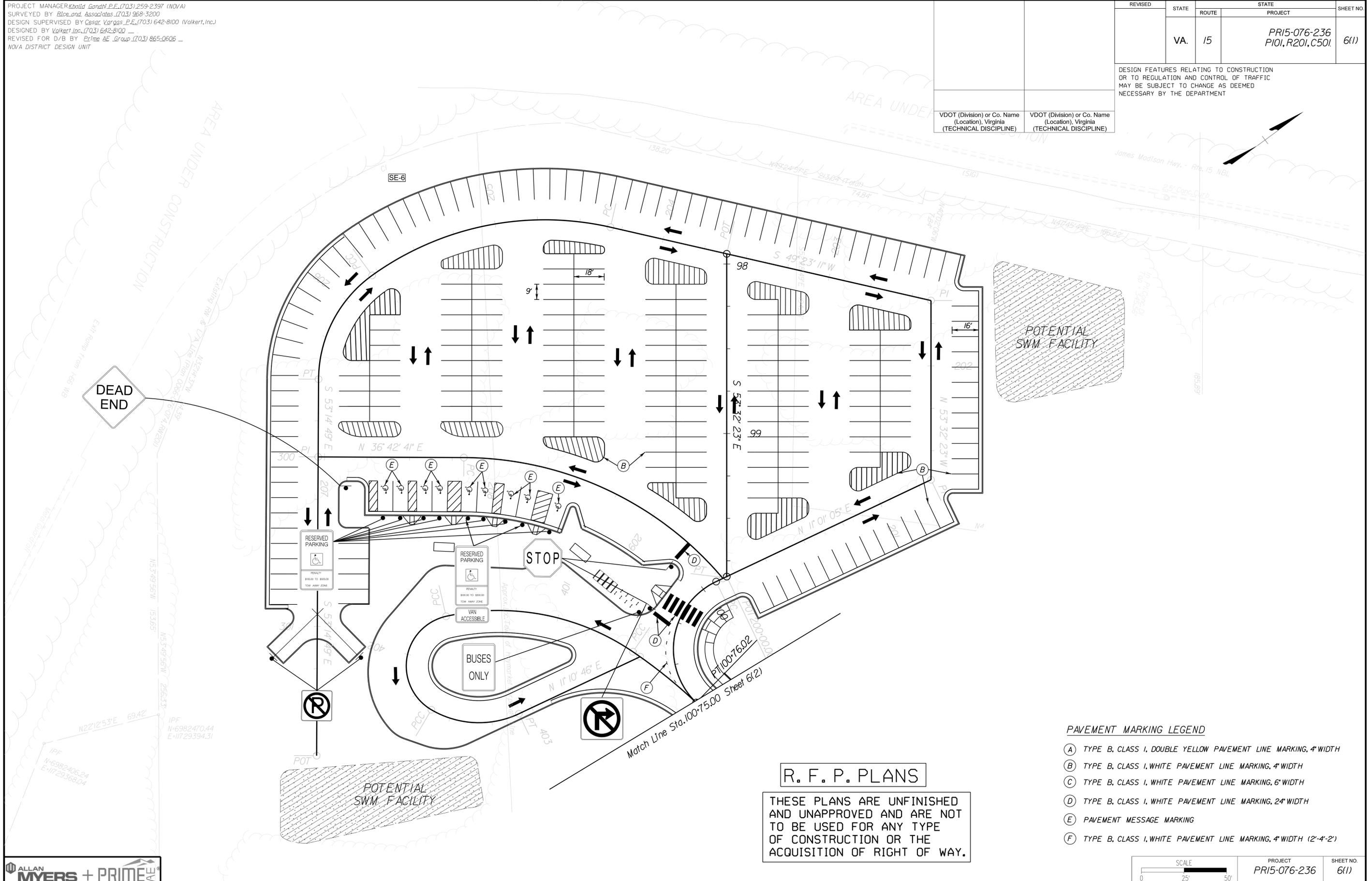


PROJECT MANAGER: *Khalid Gandhi, P.E.* (703) 259-2397 (NOVA)  
 SURVEYED BY: *Bilce and Associates, Inc.* (703) 988-3200  
 DESIGN SUPERVISED BY: *Cesar Vargas, P.E.* (703) 642-8100 (Volkert, Inc.)  
 DESIGNED BY: *Volkert Inc.* (703) 642-8100  
 REVISED FOR D/B BY: *Prime AE Group* (703) 865-0606  
 NOVA DISTRICT DESIGN UNIT

REVISED	STATE		STATE	SHEET NO.
	ROUTE	PROJECT		
	VA.	15	PRI5-076-236 PI01, R201, C501	6(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)
-------------------------------------------------------------------------------	-------------------------------------------------------------------------------



**R. F. P. PLANS**

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

- PAVEMENT MARKING LEGEND**
- (A) TYPE B, CLASS I, DOUBLE YELLOW PAVEMENT LINE MARKING, 4" WIDTH
  - (B) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH
  - (C) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 6" WIDTH
  - (D) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 24" WIDTH
  - (E) PAVEMENT MESSAGE MARKING
  - (F) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH (2'-4'-2')

SCALE 0 25' 50'	PROJECT PRI5-076-236	SHEET NO. 6(1)
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PROJECT MANAGER *Khalid Gandhi, P.E.* (703) 259-2397 (NOVA)  
 SURVEYED BY *Blca and Associates* (703) 968-3200  
 DESIGN SUPERVISED BY *Cesar Vargas, P.E.* (703) 642-8100 (Volkert, Inc.)  
 DESIGNED BY *Volkert Inc.* (703) 642-8100  
 REVISED FOR D/B BY *Prime AE Group* (703) 865-0606  
 NOVA DISTRICT DESIGN UNIT

REVISED	STATE		PROJECT	SHEET NO.
	STATE	ROUTE		
	VA.	15	PR15-076-236 P101, R201, C501	6(2)

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

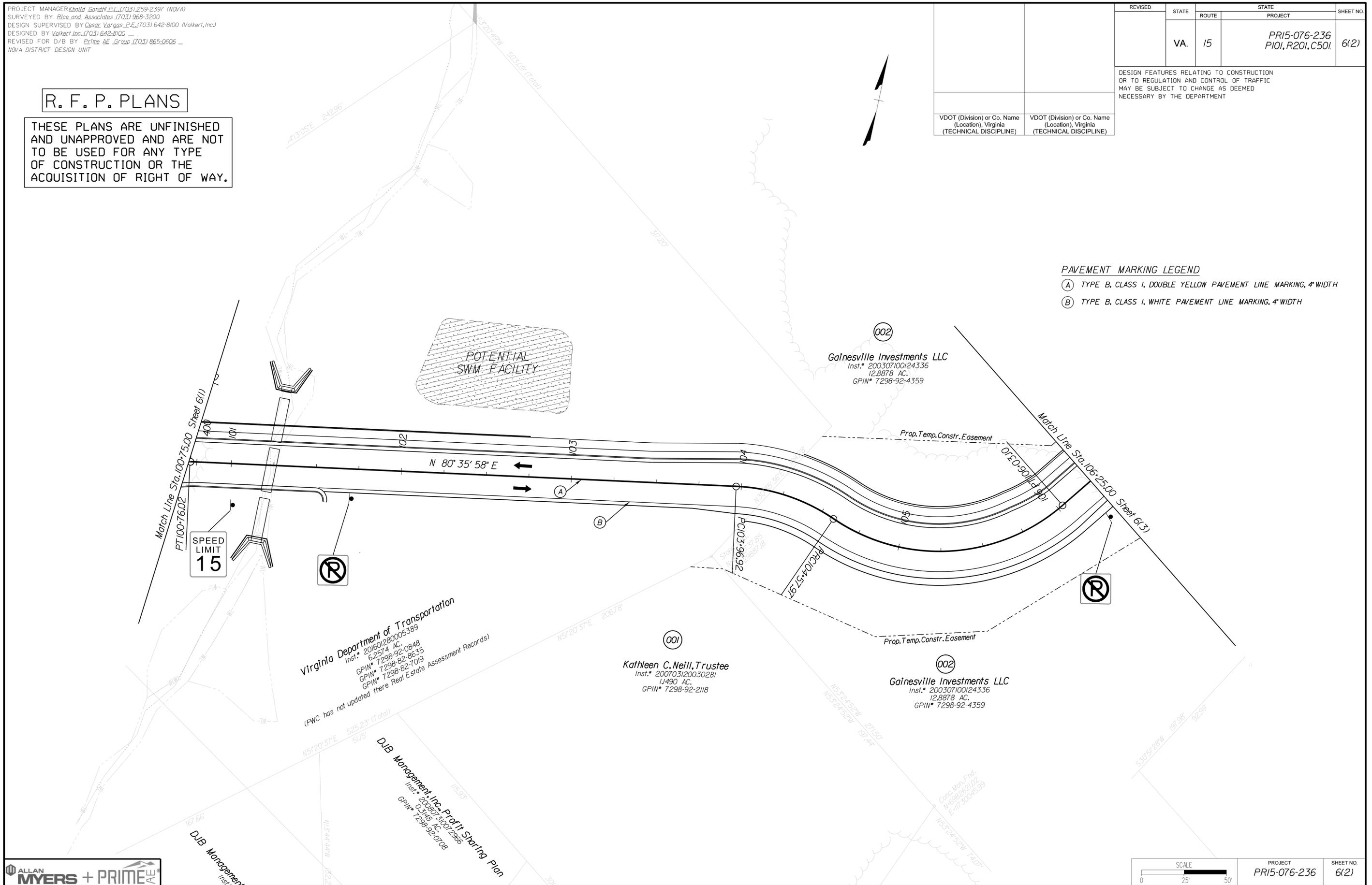
VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)
-------------------------------------------------------------------------------	-------------------------------------------------------------------------------

# R. F. P. PLANS

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## PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS I, DOUBLE YELLOW PAVEMENT LINE MARKING, 4" WIDTH
- (B) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH



PROJECT PR15-076-236	SHEET NO. 6(2)
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87 ME 857 AMP 8

PROJECT MANAGER Khalid Gandhi, P.E. (703) 259-2397 (NOVA)  
SURVEYED BY Blca and Associates (703) 968-3200  
DESIGN SUPERVISED BY Cesar Vargas, P.E. (703) 642-8100 (Volkert, Inc.)  
DESIGNED BY Volkert Inc. (703) 642-8100  
REVISED FOR D/B BY Prime AE Group (703) 865-0606  
NOVA DISTRICT DESIGN UNIT

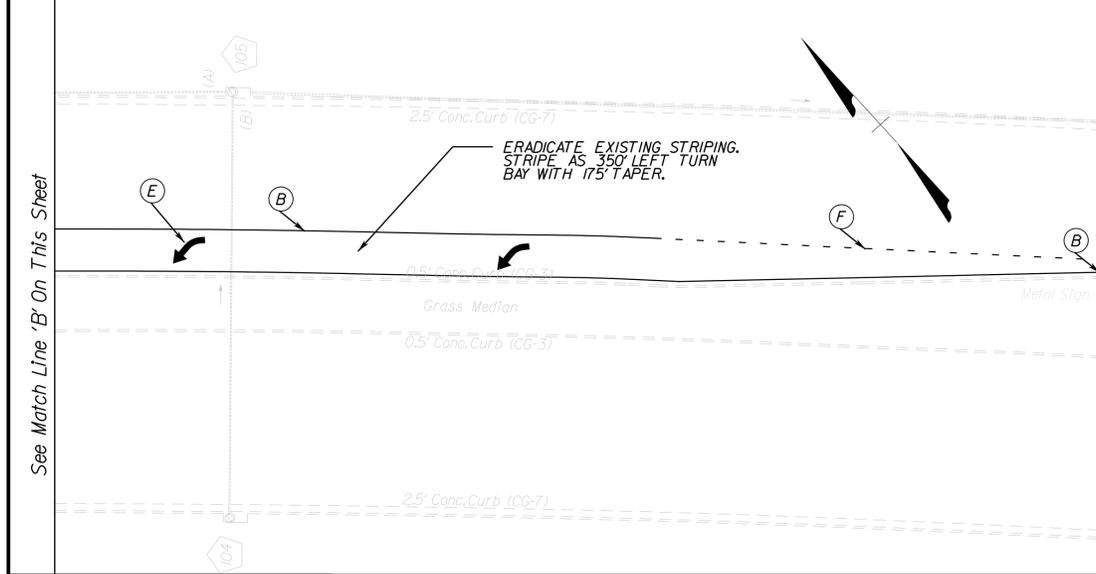
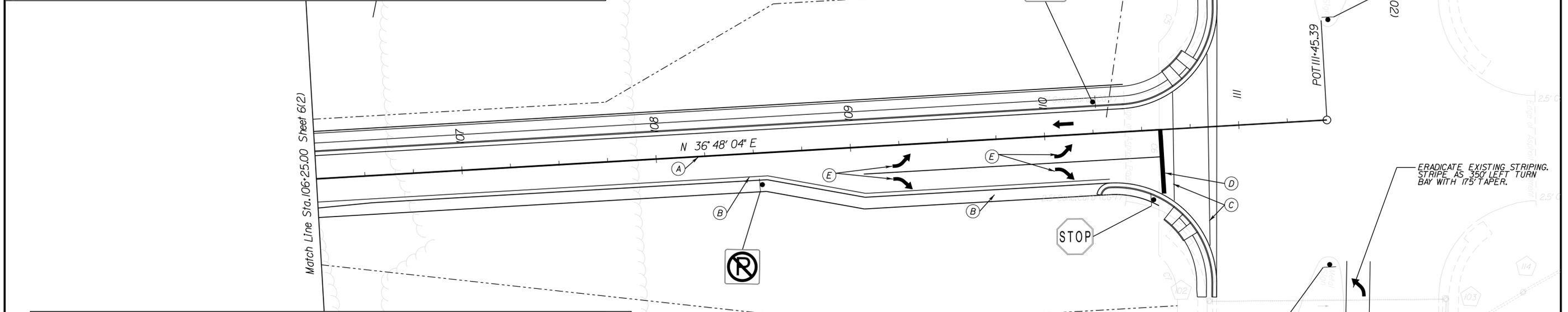
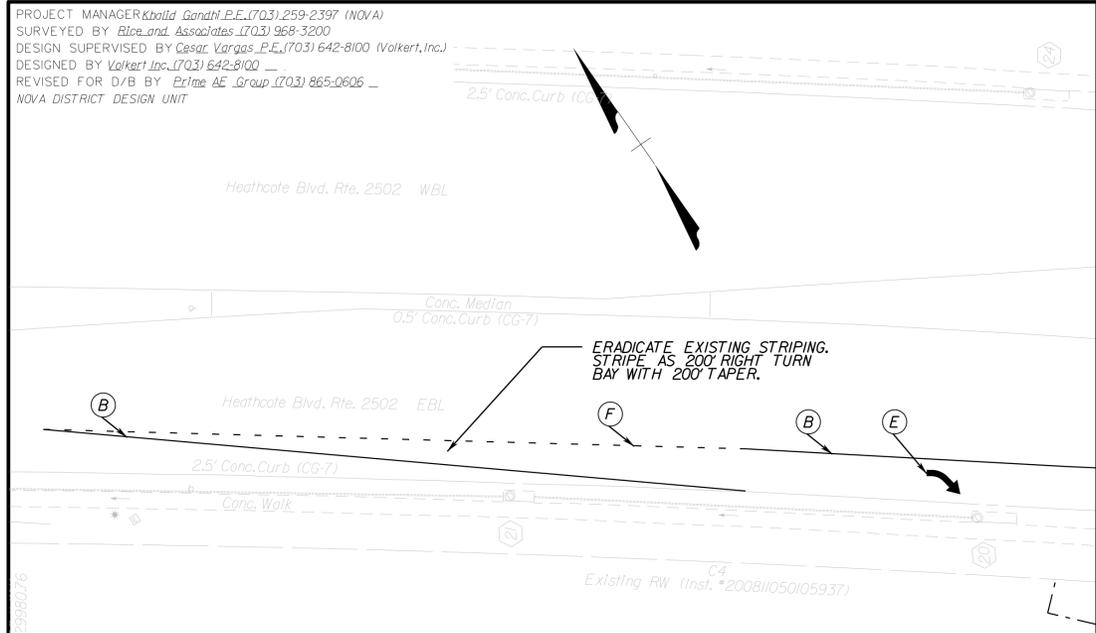
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REVISED	STATE		PROJECT	SHEET NO.
	VA.	ROUTE		
		15	PR15-076-236 P101, R201, C501	6(3)

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)  
See Match Line 'A' On This Sheet



**PAVEMENT MARKING LEGEND**

- (A) TYPE B, CLASS I, DOUBLE YELLOW PAVEMENT LINE MARKING, 4" WIDTH
- (B) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH
- (C) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 6" WIDTH
- (D) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 24" WIDTH
- (E) PAVEMENT MESSAGE MARKING
- (F) TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING, 4" WIDTH (2'-4'-2')



PROJECT	SHEET NO.
PR15-076-236	6(3)



871ME85T AMPS



**ALLAN MYERS**  
12500 FAIR LAKES CIRCLE  
FAIRFAX, VA 22033  
703.502.7500

**PRIME AE Group**  
3975 FAIR RIDGE DRIVE  
SUITE 455N,  
FAIRFAX, VA 22033  
703.865.0606

# PRICE PROPOSAL

A DESIGN-BUILD PROJECT

## Park and Ride Lot at I-66/Route 15 Interchange (In the Northeast Quadrant)

Town of Haymarket and Prince William County, Virginia

State Project No.: PR15-076-236

Federal Project No.: STP-5A01(767)

Contract ID No.: C00109486DB99

Date: September 8, 2017



**ATTACHMENT 4.0.1.2**

**DESIGN-BUILD PRICE PROPOSAL  
CHECKLIST**

**Project Name: Park and Ride Lot at I-66/Route 15 Interchange  
Contract ID Number: C00109486DB99**

---

➤ **Contents of Price Proposal:**

- Cost Breakdown Summary in whole numbers and the Proposal Price, in both numbers and words (Attachment 4.3.1)**
  - Price Adjustment Information and Forms for Fuel and Asphalt, 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))**
  - CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**
- 

Submitted by:  
Vendor G303 - Allan Myers VA, Inc.  
September 8, 2017

4.3.1

# PRICE PROPOSAL

**ATTACHMENT 4.3.1**

**PRICE PROPOSAL FORM**

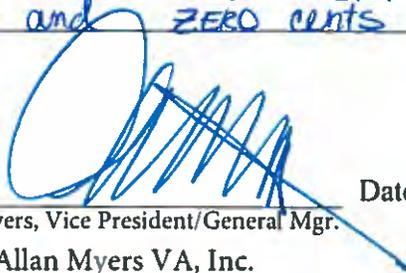
4.3.1 Offeror shall specify the pricing information for the items below, the dollars amount shall be in whole numbers:

Price Proposal Cost Breakdown Summary;

Design Services, LS	\$ <u>1,185,064</u> <sup>00</sup>
Construction Services (exclude QA/QC), LS	\$ <u>4,272,713</u> <sup>00</sup>
Quality Assurance (QA) (Construction), LS	\$ <u>250,000</u> <sup>00</sup>
Quality Control (QC) (Construction), LS	\$ <u>90,000</u> <sup>00</sup>

Proposal Price; (Specify the Total Lump Sum price in both numbers and words, this price shall equal to the total sum of the items listed above)

Lump Sum (LS): FIVE MILLION SEVEN HUNDRED NINETY SEVEN THOUSAND SEVEN HUNDRED SEVENTY SEVEN dollars and ZERO cents (\$ 5,797,777<sup>00</sup>)

Signature:  Date: September 8, 2017  
Aaron T. Myers, Vice President/General Mgr.

Design-Builder: Allan Myers VA, Inc.

Vendor No.: G303

4.3.2

# ADJUSTMENT FORMS

---

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

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

July 6, 2017

All asphalt material listed in the attached "Master Listing of Asphalt Material Items Eligible for Price Adjustment" will be adjusted in accordance with the provisions as set forth herein. Other items will not be adjusted, except as otherwise specified in the contract. Any item added through a Work Order which contains Asphalt Material 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 64S-22 f.o.b. price per ton and an average PG 64E-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 Contracts Division website on or about the first weekday of the following month. In the event the average prices were to change 10 percent or more of the Base Index during the middle of the month, the Design Builder can submit a letter to the Department and the supplier that provides evidence of the difference in price. Upon receipt of the letter consideration will be given to extend additional adjustments as deemed necessary.

This monthly statewide average price will be the Base Index for all contracts on which Price Proposals 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. Calculations must be done for each type of Asphalt Material put in place each month, whether the Current Index is higher or lower than the Base Index. The calculation for the adjustment shall be shown as follows:

$$A = Q \times \%AC \times IC$$

Where: A = Asphalt Adjustment Dollar Amount

Q = Quantity of Asphalt Material put in place during the month

%AC = % of Asphalt Cement in the Asphalt Material as specified in the Job Mix Formula

IC = Numeric Dollar Difference, either positive or negative, between the Base Index and Current Index

*Example Calculation for Negative Price Adjustment (Credit back to VDOT):*

7,500 Tons of SM-12.5A put in place during the month (Q), Job Mix is 6.1% Asphalt Cement for SM-12.5A (%AC), Base Index for the Contract is \$515/Ton, Current Index is \$500/Ton, Difference of - \$15.00/Ton (IC)

$$7,500 \text{ Tons SM-12.5A} \times 6.1\% \times -\$15.00/\text{Ton} = -\$6,862.50 \text{ Adjustment Amount}$$

*Example Calculation for Positive Price Adjustment (Paid to the Design-Builder):*

10,000 Tons of BM-25.0A put in place during the month (Q), Job Mix is 5.2% Asphalt Cement for BM-25.0A (%AC), Base Index for the Contract is \$515/Ton, Current Index is \$560/Ton, Difference of + \$45.00/Ton (IC)

$$10,000 \text{ Tons BM-25.0A} \times 5.2\% \times \$45.00/\text{Ton} = +\$23,400.00 \text{ Adjustment Amount}$$

Adjustment of any asphalt material item designated as a price adjustment item which does not contain PG 64-22, except PG 76-22 or PG 70-28, 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. Items the Design-Builder claims in its application of payment for asphalt adjustments must include supporting calculations certified by the Quality Assurance Manager (QAM). These calculations must be completed relative to the calendar month under which the work was performed and shall be submitted for either positive or negative 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.

**VIRGINIA DEPARTMENT OF TRANSPORTATION  
 MASTER LISTING OF  
 ASPHALT MATERIAL ITEMS ELIGIBLE FOR PRICE ADJUSTMENT  
 (10-27-09)**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>SPECIFICATION</b>
10062	Asphalt-Stab. Open-Graded Material	Ton	313
10416	Liquid Asphalt	Gal	311 312
10420	Blotted Seal Coat Ty. B	Sy	ATTD
10422	Blotted Seal Coat Ty. C	Sy	ATTD
10423	Blotted Seal Coat Ty. C-1	Sy	ATTD
10424	Blotted Seal Coat Ty. D	Sy	ATTD
10598	Ns Asphalt Concrete	Ton	315
10606	Asphalt Concrete Ty. SM-9.5	Ton	315
10607	Asphalt Concrete Ty. SM-12.5A	Ton	315
10608	Asphalt Concrete Ty. SM-12.5D	Ton	315
10609	Asphalt Concrete Ty. SM-12.5E (76-22)	Ton	315
10610	Asphalt Concrete Ty. IM-19.0A	Ton	315
10611	Asphalt Concrete Ty. IM-19.0D	Ton	315
10612	Asphalt Conc. Base Cr. Ty. BM-25.0	Ton	315
10613	Asphalt Concrete Ty. BM-37.5	Ton	315
10635	Asphalt Concrete Ty. SM-9.5A	Ton	315
10636	Asphalt Concrete Ty. SM-9.5D	Ton	315
10637	Asphalt Concrete Ty. SM-9.5E (76-22)	Ton	315
10639	Asphalt Concrete Ty. SM-19.0	Ton	315
10642	Asphalt Concrete Ty. BM-25.0A	Ton	315
10643	Asphalt Concrete Ty. BM-25.0D	Ton	315
10650	Stone Matrix Asphalt SMA-9.5(70-22)	Ton	317
10651	Stone Matrix Asphalt SMA-9.5(76-22)	Ton	317
10652	Stone Matrix Asphalt SMA-12.5(70-22)	Ton	317
10653	Stone Matrix Asphalt SMA-12.5(76-22)	Ton	317
10654	Stone Matrix Asphalt SMA-19.0(70-22)	Ton	317
10655	Stone Matrix Asphalt SMA-19.0(76-22)	Ton	317
10701	Liquid Asphalt Coating	Sy	ATTD
12505	Asphalt Concrete Curb Backup Material	Ton	315
13240	Asphalt Concrete Sidewalk	Ton	504
16110	Emul. Asph. Slurry Seal Type A	Sy	ATTD
16120	Emul. Asph. Slurry Seal Type B	Sy	ATTD
16130	Emul. Asph. Slurry Seal Type C	Sy	ATTD
16144	Latex Mod. Emul. Treat. Type B	Ton	ATTD
16145	Latex Mod. Emul. Treat. Type C	Ton	ATTD
16146	Latex Mod. Emul. Treat. Ruffilling	Ton	ATTD
16161	Modified Single Seal	Sy	ATTD
16162	Modified Double Seal	Sy	ATTD
16249	Nontracking Tack Coat	Gal.	ATTD

16250	Liquid Asphalt Matl. CMS-2 (Mod)	Gal	ATTD
16251	Liquid Asphalt Matl. CMS-2	Gal	ATTD
16252	Liquid Asphalt Matl. CRS-2	Gal	ATTD
16253	Liquid Asphalt Matl. CRS-2H	Gal.	ATTD.
16254	Liquid Asphalt Matl. RC-250	Gal	ATTD
16256	Liquid Asphalt Matl. RC-800	Gal	ATTD
16257	Ns Liquid Asphalt Matl.	Gal	ATTD
16260	Liquid Asphalt Matl. CRS-2L	Gal	ATTD
16325	NS Asphalt Concrete	Ton	N/A
16330	Asphalt Concrete Ty. SM-9.0A	Ton	315
16335	Asphalt Concrete Ty. SM-9.5A	Ton	315
16337	Asph. Conc. Ty. SM-9.5ASL (Spot Level)	Ton	315
16340	Asphalt Concrete Ty. SM-9.5D	Ton	315
16342	Asph. Conc. Ty. SM-9.5DSL (Spot Level)	Ton	315
16345	Asphalt Concrete Ty. SM-9.5E (76-22)	Ton	315
16350	Asphalt Concrete Ty. SM-12.5A	Ton	315
16352	Asph. Con. Ty. SM-12.5ASL (Spot Level)	Ton	315
16355	Asphalt Concrete Ty. SM-12.5D	Ton	315
16357	Asph. Con. Ty. SM-12.5DSL (Spot Level)	Ton	315
16360	Asphalt Concrete Ty. SM-12.5E (76-22)	Ton	315
16365	Asphalt Concrete Ty. IM-19.0A	Ton	315
16370	Asphalt Concrete Ty. IM-19.0D	Ton	315
16373	Asphalt Concrete Ty. IM-19.0A (T)	Ton	315
16374	Asphalt Concrete Ty. IM-19.0D (T)	Ton	315
16377	Asphalt Concrete Ty. BM-37.5	Ton	315
16379	Asphalt Concrete Ty. IM-19.0T	Ton	315
16390	Asphalt Concrete Ty. BM-25.0A	Ton	315
16392	Asphalt Concrete Ty. BM-25.0D	Ton	315
16395	Asphalt Concrete Ty. BM-25.0A (T)	Ton	315
16397	Asphalt Concrete Ty. BM-25.0D (T)	Ton	315
16400	Stone Matrix Asphalt SMA-9.5(70-22)	Ton	ATTD
16401	Stone Matrix Asphalt SMA-9.5(76-22)	Ton	ATTD
16402	Stone Matrix Asphalt SMA-12.5(70-22)	Ton	ATTD
16403	Stone Matrix Asphalt SMA-12.5(76-22)	Ton	ATTD
16404	Stone Matrix Asphalt SMA-19.0(70-22)	Ton	ATTD
16405	Stone Matrix Asphalt SMA-19.0(76-22)	Ton	ATTD
16490	Hot Mix Asphalt Treatment	Ton	ATTD
16500	Surf.Preparation & Restoration Type I	Ton	ATTD
16502	Surf.Preparation & Restoration Type Ii	Ton	ATTD
16504	Surf.Preparation & Restoration Type Iii	Ton	ATTD
67201	NS Asphalt Concrete Overlay	Ton	315
67210	NS Asphalt Concrete	Ton	315
68240	NS Asphalt Concrete	Ton	315

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

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

June 30, 2011  
(Revised) November 5, 2012

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 within the Schedule of Values 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 Schedule of Values 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: \_\_\_\_\_

Signature: \_\_\_\_\_

Design-builder: Allan Myers VA, Inc.

Vendor No.: G303

4.3.3

# PROPOSAL GUARANTY

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE Allan Myers VA, Inc. As principal, and Fidelity and Deposit Company of Maryland 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.

SIGNED, sealed and dated this 8th Day of September, 20 17

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

PROJECT NUMBER: PR15-076-236 Park and Ride Lot at I-66/Route 15 Interchange Design-Build Town of Haymarket and Prince William County, VA  
Contract ID Number: C00109486DB99

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.

Allan Myers VA, Inc.

Fidelity and Deposit Company of Maryland

(Principal)

(Surety Company)

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

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

(Officer, Partner or Owner) (Seal)

(Attorney-in-Fact\*\*) (Seal) Elizabeth P. Cervini  
Attorney-in-Fact

Aaron T. Myers, Vice President/General Manager

600 Red Brook Blvd., 4th Floor, Owings Mills, MD 21117

(Principal\*)

(Address)

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

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

(Officer, Partner or Owner) (Seal)

(Surety Company)

(Principal\*)

(Attorney-in-Fact\*\*) (Seal)

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

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

(Officer, Partner or Owner) (Seal)

(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

**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 Michael P. Bond, 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, Denise M. BRUNO, Julia R. BURNET, Joyce M. HOUGHTON, Jonathan F. BLACK, Elizabeth P. CERVINI, David A. JOHNSON, Stephanie S. HELMIG and Sherri L. FEENEY, 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 30th day of July, A.D. 2017.

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



*Michael P. Bond*

By: Michael P. Bond  
Vice President

*Dawn E. Brown*

By: Dawn E. Brown  
Secretary

State of Maryland  
County of Baltimore

On this 30th day of July, A.D. 2017, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, Michael P. Bond, Vice President and Dawn E. Brown, 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.

*Constance A. Dunn*

Constance A. Dunn, Notary Public  
My Commission Expires: July 9, 2019



**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 8th day of September, 2017.



*Michael C. Fay*

Michael C. Fay  
Vice President

**TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:**

Zurich Surety Claims  
1299 Zurich Way  
Schaumburg, IL 60196-1056  
Email: [reportsfclaims@zurichna.com](mailto:reportsfclaims@zurichna.com)  
1-800-626-4577

4.3.4

# SWORN STATEMENT FORMS

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

PROJECT: PR15-076-236

FHWA: STP-5A01(767)

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 (Glen Allen), Virginia, this 8<sup>th</sup> day of September, 20 17  
County (City), STATE

Allan Myers VA, Inc. By: [Signature] Vice President/General Manager  
(Name of Firm) (Signature) Title (print)

STATE of VIRGINIA COUNTY (CITY) of HENRICO (Glen Allen)

To-wit: I Madelyn Ruth 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 8<sup>th</sup> day of September, 20 17  
[Signature] My Commission expires October 31, 2021

**OR  
UNSWORN DECLARATION**

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

By: \_\_\_\_\_  
(Name of Firm) (Signature) Title (print)



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
AFFIDAVIT

PROJECT: PR15-076-236

FHWA: STP-5A01(767)

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
<u>VTCA</u>	<u>620 Moorefield Park Dr, Ste 120; Richmond VA</u>
<u>HCCA</u>	<u>8424 Quarry Rd, Ste 201; Manassas VA</u>
<u>HRUHCA</u>	<u>3105 Western Branch Blvd, Ste 5C; Chesapeake</u>

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)

ORDER NO.:  
CONTRACT ID. NO.:

Form C-105  
page 2

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 8<sup>th</sup> day of September, 20 17  
County (City), STATE  
Allan Myers VA, Inc. By: [Signature] Vice President/General Manager  
(Name of Firm) (Signature) Title (print)  
STATE of VIRGINIA COUNTY (CITY) of HENRICO (Glen Allen)  
To-wit: I Madelyn Ruth 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 8<sup>th</sup> day of September, 20 17  
Madelyn Ruth Treadwell My Commission expires OCTOBER 31, 2021  
Notary Public





**ALLAN MYERS**  
12500 FAIR LAKES CIRCLE  
FAIRFAX, VA 22033  
703.502.7500

**PRIME AE GROUP**  
3975 FAIR RIDGE DRIVE  
SUITE 455N,  
FAIRFAX, VA 22033  
703.865.0606