



## LETTER OF SUBMITTAL

### I-95 Safety Improvements at Route 3 | A Design-Build Project

FROM: 0.115 Miles South of Int. Route 3 | TO: 1.220 Miles North of Int. Route 3

State Project No.: 0095-111-278

Federal Project No.: OC-095-2(535)

Contract ID Number: C00107715DB91

January 4, 2017



SUBMITTED BY:



in association with



gai consultants

**ATTACHMENT 4.0.1.1**  
**I-95 Safety Improvements at Route 3**  
**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-ii
<b>Acknowledgement of RFP, Revisions, and/or Addenda</b>	Attachment 3.4 (Form C-78-RFP)	Sections 3.4; 4.0.1.1	iii
<b>Letter of Submittal</b>	NA	Sections 4.1	
Letter of Submittal on Offeror's letterhead	NA	Section 4.1.1	1-2
Offeror's full legal name and address	NA	Section 4.1.1	1
Authorized representative's original signature	NA	Section 4.1.1	2
Declaration of intent	NA	Section 4.1.2	1
120 day declaration	NA	Section 4.1.3	1
Point of Contact information	NA	Section 4.1.4	2
Principal Officer information	NA	Section 4.1.5	2
Offeror's Corporate Structure	NA	Section 4.1.6	2
Full Legal Name of Lead Contractor, Lead Designer, and QAM	NA	Section 4.1.7	2
Offeror's VDOT prequalification information	NA	Section 4.1.8	2
DBE statement confirming Offeror is committed to achieving the required DBE goal	NA	Section 4.1.9	2
Final Completion Date	NA	Section 4.1.10	2

**ATTACHMENT 4.0.1.1**  
**I-95 Safety Improvements at Route 3**  
**LETTER OF SUBMITTAL CHECKLIST AND CONTENTS**

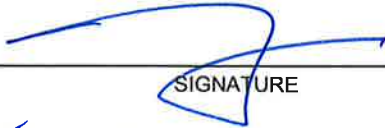
<b>Letter of Submittal Component</b>	<b>Form (if any)</b>	<b>RFP Part 1 Cross Reference</b>	<b>Page Reference</b>
<b>Attachments to the Letter of Submittal</b>	NA	Section 4.2	
Affiliated and/ or Subsidiary Companies	Attachment 4.2.1	Section 4.2.1	Appendix 4.2.1
Certification Regarding Debarment Forms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

**ATTACHMENT 3.6****COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**RFP NO. C00107715DB91PROJECT NO.: 0095-111-278, P101, C201, 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 3.6, the Offeror acknowledges receipt of the RFP and/or following revisions and/or addenda to the RFP for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

1. Cover letter of RFP – September 27, 2016  
(Date)
2. Cover letter of RFP Addendum #1 – October 14, 2016  
(Date)
3. Cover letter of RFP Addendum #2 – November 10, 2016  
(Date)
4. Cover letter of RFP Addendum #3 – December 02, 2016  
(Date)
5. Cover letter of RFP Addendum #4 – December 05, 2016  
(Date)
6. Cover letter of RFP Addendum #5 – December 14, 2016  
(Date)

 _____ SIGNATURE	<u>12.22.16</u> _____ DATE
<u>STEPHEN L. ORDUNG</u> _____ PRINTED NAME	<u>VICE PRESIDENT</u> _____ TITLE

# 4.1

## Letter of Submittal



# CURTIS CONTRACTING, INC.

Post Office Box 769  
West Point, Virginia 23181  
(804) 843-4633/FAX: (804) 843-2545  
website: www.curtiscontracting.net

January 2, 2017

Commonwealth of Virginia  
Department of Transportation (VDOT)  
Central Office Mail Center  
Loading Dock Entrance  
1401 E. Broad Street  
Richmond, Virginia 23219  
Attention: Stephen D. Kindy, P.E. (APD Division)

**Re: Letter of Submittal**  
Design-Build Project - I-95 Safety Improvements at Route 3  
From: 0.115 Miles South of Int. Route 3  
To: 1.220 Miles North of Int. Route 3  
City of Fredericksburg, Virginia  
**State Project No.: 0095-111-278**  
**Federal Project No.: OC-095-2(535)**  
**Contract ID Number: C00107715DB91**

Dear Mr. Kindy:

**Curtis Contracting Inc. (CCI)** is pleased to submit our proposal for the I-95 Safety Improvements at Route 3 Intersection Design-Build project. As requested by the Department's RFP, our submission includes:

- One (1) original paper version of our Letter of Submittal with Attachments
- One (1) original paper version of our Price Proposal
- One (1) CD-ROM containing the entire Letter of Submittal in a single PDF file
- One (1) CD-ROM containing the entire Price Proposal in a single PDF file

CCI has thoroughly reviewed the Department's RFP, including RFP Questions and Answers dated December 2, 2016, and Addenda 1 - 5. Following are responses to information and/or attachments requested in RFP section 4.1.

**4.1.1 Full Legal Name and Address of Offeror: Curtis Contracting Inc.**  
**P.O. Box 769**  
**West Point, Virginia 23181**

**4.1.2 Declare Offeror's Intent:** It is our full intent, if selected, to enter into a contract with VDOT for the project in accordance with the terms of this RFP.

**4.1.3 Pursuant to Part 1, Section 8.2 We declare that the offer presented by the Price Proposal will remain in full force and effect for one hundred twenty (120) days after the date the Proposal is submitted to VDOT ("Letter of Submittal & Price Proposal Due Date" – 1/4/2017)**

**4.1.4 Official Representative and Point of Contact:** Stephen L. Ordnung, Vice President of Curtis Contracting, Inc. will serve as the Point of Contact for the Offeror.

**Address:** 7481 Theron Road, West Point, VA 23181 | PO Box 769, West Point VA 23181

**Phone:** (804) 843-4633 | **Fax:** (804) 843-2545 | **E-mail:** [s.ordung@curtiscontracting.net](mailto:s.ordung@curtiscontracting.net)

**4.1.5 Principal Officer Information:** Andrew R. Curtis, Jr. President of Curtis Contracting, Inc. will serve as the Principal Officer for the Offeror.

**Address:** 7481 Theron Road, West Point, VA 23181 | PO Box 769, West Point VA 23181

**Phone:** (804) 843-4633 | **Fax:** (804) 843-2545 | **E-mail:** [a.curtis@curtiscontracting.net](mailto:a.curtis@curtiscontracting.net)

**4.1.6 Corporate Structure:** CCI is a corporation titled in the Commonwealth of Virginia and will be the sole proposer/entity with whom VDOT would directly contract for this project. CCI will undertake the financial responsibility for this D-B project. CCI has no liability limitations. The corporate structure of CCI is as follows:

Andrew R. Curtis – Chief Executive Officer

Andrew R. Curtis, Jr. – President

Raymond E. Jarvis – Vice President Finance/Secretary

Stephen L. Ordnung – Vice President Operations

**4.1.7 Lead Contractor, Lead Designer and QAM Firm:** CCI is the Lead Contractor for this project, serving as the prime/general contractor responsible for overall construction. GAI Consultants, Inc. (GAI) will be our Lead Designer for the project, meaning the prime design consulting firm responsible for overall design. CES Consulting, LLC, will be the Quality Assurance Management firm.

**4.1.8 VDOT Prequalification Evidence:** CCI is pre-qualified to bid on the project as outlined in VDOT's Rules Governing Prequalification Privileges (prequalification number C333, with an active status) A copy of the company's VDOT prequalification certificate is included in the Attachments to the Letter of Submittal.

**4.1.9 DBE Requirements:** CCI is committed to achieving and exceeding the DBE participation goal of fourteen percent (14%) for this project.

**4.1.10 Final Completion Date:** CCI is committed achieving a Final Completion Date of this project no later than January 11, 2019.

The signature below affirms that the information supplied in this proposal is true and accurate to the best of our knowledge. VDOT is hereby authorized to confirm all information contained in this proposal. The Curtis Contracting D-B Team is enthusiastic about the opportunity to participate in the D-B process for the I-95 Safety Improvements at Route 3 Intersection Design-Build project, and we are confident that our team will complete this project on time and within your budget.

Sincerely,  
**CURTIS CONTRACTING, INC.**



Andrew R. Curtis Jr.  
President

# 4.2

## Attachments to the Letter of Submittal



# 4.2.1

## *Affiliated and/or Subsidiary Companies*



# 4.2.2

## *Debarment Forms*

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

**Project No.: 0095-111-278**

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.

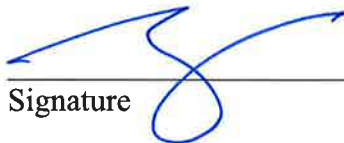
b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under 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.

	12-07-2016	Vice President
Signature	Date	Title


Curtis Contracting Inc  
Name of Firm

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

**Project No.: 0095-111-278**

- 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.

	11/30/2016	NE Region Transportation Manager
Signature	Date	Title

GAI Consultants, Inc.

---

Name of Firm

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

**Project No.: 0095-111-278**

- 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.

<u>gn Kennedy</u>	<u>11/16/16</u>	<u>PRINCIPAL</u>
Signature	Date	Title

CES CONSULTING LLC

Name of Firm

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

**Project No.: 0095-111-278**

- 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.

	11/14/16	President
Signature	Date	Title


Accompang Engineering Group LLC  
Name of Firm

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

**Project No.: 0095-111-278**

- 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.

	11/2/2016	Chief Operating Officer
Signature	Date	Title

Bowman Consulting Group, Ltd.  
Name of Firm



# 4.2.3

## *Prequalification Certificate*



Virginia Department of Transportation

Date Printed: 10/13/2016

**Department's List of Prequalified Vendors  
Includes All Qualified Levels As Of 10/13/2016**

12:00 AM

Page 130

- C -

---

**Vendor ID:** C333

**Vendor Name:** CURTIS CONTRACTING, INC.

**Prequal Exp:** 03/31/2017

**-- PREQ Address --**

P. O. BOX 769

WEST POINT, VA 23181-0769

Phone: 804-843-4633

Fax: 804-843-2545

**Work Classes (Listed But Not Limited To)**

002 - GRADING

003 - MAJOR STRUCTURES

004 - ASPHALT CONCRETE PAVING

007 - MINOR STRUCTURES

179 - H.C.C. PAVEMENT

**Bus. Contact:** CURTIS, JR., ANDREW ROWLAND

**Email:** A.CURTIS@CURTISCONTRACTING.NET

**-- DBE Information --**

**DBE Type:** N/A

**DBE Contact:** N/A

# 4.2.4

## *Surety Letter*



**Cynthia D. O'Bryan**  
Bond & Speciality Insurance  
9954 Mayland Dr., #6100  
Richmond, VA 23233  
Phone: (804) 965-9277  
E-mail: COBRYAN@Travelers.com

December 21, 2016

Commonwealth of Virginia  
Department of Transportation

Re: Curtis Contracting, Inc.  
I-95 Safety Improvements at Route 3  
From 0.115 Miles South of Int. Route 3 – To: 1.220 Miles North of Int. Route 3  
City of Fredericksburg, Virginia  
State Project No.: 0095-111-278/Federal Project No. OC-095-2(535)  
Contract ID Number: C00107715DB91/ Estimated Contract Value: \$14,900,000

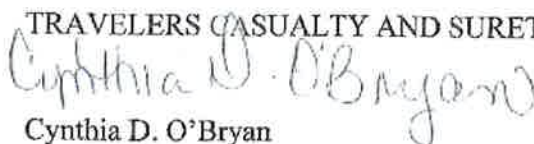
To Whom It May Concern:

You have requested Curtis Contracting, Inc. provide evidence of bonding capacity in connection with the above captioned project. I am pleased to offer the following information.

It is the privilege of Travelers Casualty and Surety Company of America to provide surety bonds for Curtis. We have bonded single projects of over \$75,000,000 within an aggregate program of up to \$150,000,000 for a wide variety of owners.

As surety for the above named Contractor, Curtis Contracting, Inc., Travelers Casualty and Surety Company of America with an A.M. Best Rating of A++ and financial size category XV is capable of obtaining 100% Performance Bond and 100% Labor and Materials Payment Bond in the amount of the anticipated cost of construction, and said bonds will cover the Project and any warranty periods 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 the Project.

Regards,

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA  
  
Cynthia D. O'Bryan

# 4.2.5

## *Registrations/Licenses*

# Commonwealth OF Virginia



## State Corporation Commission

### *CERTIFICATE OF GOOD STANDING*

*I Certify the Following from the Records of the Commission:*

That CURTIS CONTRACTING, INC. is duly incorporated under the law of the Commonwealth of Virginia;

That the date of its incorporation is July 15, 1985;

That the period of its duration is perpetual; and

That the corporation is in existence and in good standing in the Commonwealth of Virginia as of the date set forth below.

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:*

*May 7, 2015*

*Joel H. Peck*

*Joel H. Peck, Clerk of the Commission*

**Alert to corporations regarding unsolicited mailings from VIRGINIA COUNCIL FOR CORPORATIONS is available from the Bulletin Archive link of the Clerk's Office website.**

[SCC Home](#) | [Contact](#)  
[SCC](#) | [Site Map](#) |  
[Search](#)



Virginia.gov



Commonwealth of Virginia  
**State Corporation Commission**

CISM0180

CORPORATE DATA INQUIRY

08/12/16

14:05:36

CORP ID: F039601 - 2 STATUS: 00 ACTIVE STATUS DATE: 02/24/03  
 CORP NAME: G-A-I CONSULTANTS, INC.

DATE OF CERTIFICATE: 11/04/1981 PERIOD OF DURATION: INDUSTRY CODE: 00  
 STATE OF INCORPORATION: PA PENNSYLVANIA 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: NATIONAL CORPORATE RESEARCH, LTD.

STREET: 250 BROWNS HILL COURT

AR RTN MAIL:

CITY: MIDLOTHIAN STATE : VA ZIP: 23114-0000  
 R/A STATUS: 5 B.E. AUTH IN VI EFF. DATE: 10/19/12 LOC : 120  
 ACCEPTED AR#: 215 54 1544 DATE: 11/13/15 CHESTERFIELD CO  
 CURRENT AR#: 215 54 1544 DATE: 11/13/15 STATUS: A ASSESSMENT INDICATOR: 0  
 YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES  
 15 1,270.00 200,000

(Screen Id:/Corp\_Data\_Inquiry)



SCC eFile  
Business Entity Details

[Help](#)

**CES Consulting, LLC**

SCC eFile

- [SCC eFile Home Page](#)
- [Check Name](#)
- [Distinguishability](#)
- [Business Entity Search](#)
- [Certificate Verification](#)
- [FAQs](#)
- [Contact Us](#)
- [Give Us Feedback](#)

Business Entities

UCC or Tax Liens

Court Services

Additional Services

**General**

SCC ID: S3416007  
 Entity Type: Limited Liability Company  
 Jurisdiction of Formation: VA  
 Date of Formation/Registration: 10/14/2010  
 Status: Active

**Select an action**

- [File a registered agent change](#)
- [File a registered office address change](#)
- [Resign as registered agent](#)
- [Pay annual registration fee](#)
- [Order a certificate of fact of existence](#)
- [Submit a PDF for processing \(What can I submit?\)](#)
- [View eFile transaction history](#)

**Principal Office**

5771 JANNEYS MILL  
 HAYMARKET VA 20169

[New Search](#) [Home](#)

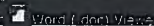
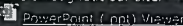
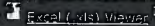
**Registered Agent/Registered Office**

AVTAR SINGH  
 15709 SPYGLASS HILL LOOP  
 GAINESVILLE VA 20155  
 PRINCE WILLIAM COUNTY 176  
 Status: Active  
 Effective Date: 12/28/2011

Screen ID: e1000

Need additional information? Contact [scinfo@sc.virginia.gov](mailto:scinfo@sc.virginia.gov) Website questions? Contact: [webmaster@sc.virginia.gov](mailto:webmaster@sc.virginia.gov)

We provide external links throughout our site.



Build #: 1.0.0.2811S



# Commonwealth of Virginia



## STATE CORPORATION COMMISSION

*Richmond, February 17, 2009*

*This is to certify that the certificate of organization of*

**Accompong Engineering Group, LLC**

*was this day issued and admitted to record in this office and that the said limited liability company is authorized to transact its business subject to all Virginia laws applicable to the company and its business. Effective date: February 17, 2009*



*State Corporation Commission*

*Attest:*

*Joel H. Beck*  
Clerk of the Commission

# Commonwealth OF Virginia



## State Corporation Commission

### *CERTIFICATE OF GOOD STANDING*

*I Certify the Following from the Records of the Commission:*

That BOWMAN CONSULTING GROUP, LTD. is duly incorporated under the law of the Commonwealth of Virginia;

That the date of its incorporation is June 7, 1995;

That the period of its duration is perpetual; and

That the corporation is in existence and in good standing in the Commonwealth of Virginia as of the date set forth below.

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:  
October 21, 2016*

*Joel H. Peck*  
\_\_\_\_\_  
*Joel H. Peck, Clerk of the Commission*

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation

9960 Mayland Drive, Suite 400, Richmond, VA 23233

Telephone: (804) 367-8500

EXPIRES ON  
**03-31-2018**

NUMBER  
**2701031525**

**BOARD FOR CONTRACTORS  
CLASS A CONTRACTOR  
\*CLASSIFICATIONS\* ASB CBC H/H LSC RBC**



**CURTIS CONTRACTING INC  
PO BOX 769  
WEST POINT, VA 23181**

**DPOR**

*James W. DeBorja*  
Director

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

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (05/2015)

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

0407004210

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

PROFESSIONS: ENG, LS



G A I CONSULTANTS INC  
618 E SOUTH ST STE 700  
ORLANDO, FL 32801



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

*July W. DeBoer*  
July W. DeBoer, Director

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (05/2015)

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

0407005783

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

PROFESSIONS: ENG



CES CONSULTING LLC  
23475 ROCK HAVEN WAY STE 255  
DULLES, VA 20166



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

*Jay W. DeBoer*  
Jay W. DeBoer Director

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (05/2015)

(DETACH HERE)



COMMONWEALTH of VIRGINIA  
Department of Professional and Occupational Regulation

BOARD FOR AP/ELSCIDLA  
BUSINESS ENTITY REGISTRATION  
NUMBER: 0407005783 EXPIRES: 12-31-2017  
PROFESSIONS: ENG  
CES CONSULTING LLC  
23475 ROCK HAVEN WAY STE 255  
DULLES, VA 20166



(FOLD)

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

DPOR-PC (05/2015)

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  
0407005442

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

PROFESSIONS: ENG



ACCOMPONG ENGINEERING GROUP, LLC  
9510 IRON BRIDGE RD  
SUITE 200  
CHESTERFIELD, VA 23832



*Jay W. DeKoer*  
Jay W. DeKoer, 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: 0407005442 EXPIRES: 12-31-2017  
PROFESSIONS: ENG  
ACCOMPONG ENGINEERING GROUP, LLC  
9510 IRON BRIDGE RD  
SUITE 200  
CHESTERFIELD, VA 23832



(FOLD)

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

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

DPOR-PC (05/2015)

# 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  
0411000610

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

PROFESSIONS: ENG, LS



BOWMAN CONSULTING GROUP LTD  
3951 WESTERRE PKWY  
SUITE 150  
RICHMOND, VA 23233



*Jay W. DeBoer*  
Jay W. DeBoer Director

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

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (05/2015)

(DETACH HERE)



COMMONWEALTH of VIRGINIA  
Department of Professional and Occupational Regulation

BOARD FOR APELSCIDLA  
BUSINESS ENTITY BRANCH OFFICE REGISTRATION  
NUMBER: 0411000610 EXPIRES: 02-28-2018  
PROFESSIONS: ENG, LS  
BOWMAN CONSULTING GROUP LTD  
3951 WESTERRE PKWY  
SUITE 150  
RICHMOND, VA 23233



(FOLD)

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

DPOR-PC (05/2015)

# 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

0411000421

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

PROFESSIONS: LS, ENG



BOWMAN CONSULTING GROUP LTD  
650A NELMS CIRCLE  
FREDERICKSBURG, VA 22406



*Jan W. DeBoer*  
Jan W. DeBoer, Director

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

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (05/2015)

(DETACH HERE)



COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation

BOARD FOR APELSCIDLA  
BUSINESS ENTITY BRANCH OFFICE REGISTRATION  
NUMBER: 0411000421 EXPIRES: 02-28-2018  
PROFESSIONS: LS, ENG  
BOWMAN CONSULTING GROUP LTD  
650A NELMS CIRCLE  
FREDERICKSBURG, VA 22406



(FOLD)

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

DPOR-PC (05/2015)



# COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation

9960 Mayland Drive, Suite 400, Richmond, VA 23233

Telephone: (804) 367-8500

EXPIRES ON  
03-31-2018

NUMBER  
4008001873

## REAL ESTATE APPRAISER BOARD APPRAISAL BUSINESS REGISTRATION



BOWMAN CONSULTING GROUP LTD  
650 A NELMS CIRCLE  
FREDERICKSBURG, VA 22406



*Jan W. DeBoer*  
Jan W. DeBoer Director

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

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (05/2015)

(DETACH HERE)

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

REAL ESTATE APPRAISER BOARD  
APPRAISAL BUSINESS REGISTRATION  
NUMBER: 4008001873 EXPIRES: 03-31-2018

BOWMAN CONSULTING GROUP LTD  
650 A NELMS CIRCLE  
FREDERICKSBURG, VA 22406



(FOLD)

## ATTACHMENT 4.2.5

### State Project No. 0095-111-278

#### 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>Curtis Contracting, Inc.</b>	02733335	Professional Corporation	Active	PO Box 769 West Point, VA 23181	Contractor (Class A)	2701031525	03-31-2018
<b>GAI Consultants, Inc.</b>	F039601-2	Foreign Corporation	Active	618 E. South Street, Suite 700 Orlando, FL 32801	Engineering & Land Surveying	0407004210	12-31-2017
<b>CES Consulting, LLC</b>	S3416007	LLC	Active	23475 Rock Haven Way, Suite 225 Dulles, VA 20166	Engineering	0407005783	12-31-2017
<b>Accompong Engineering Group, LLC</b>	S283521-5	LLC	Active	9510 Iron Bridge Road, Suite 200 Chesterfield, VA 23832	Engineering	0407005442	12-31-2017
<b>Bowman Consulting Group, Ltd.</b>	04481982	S-Corp	Active	3951 Westerre Parkway, Suite 150, Richmond, VA 23233	Engineering & Land Surveying	04411000610	02-28-2018
<b>Bowman Consulting Group, Ltd.</b>	04481982	S-Corp	Active	650A Nelms Circle, Fredericksburg, VA 22406	Engineering & Land Surveying	04411000421	02-28-2018
<b>Bowman Consulting Group, Ltd.</b>	04481982	S-Corp	Active	650A Nelms Circle, Fredericksburg, VA 22406	Appraisal	4008001873	03-31-2018

# 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	
<b>I-295/Meadowville Road Interchange Improvements (Design Build)</b>  Location: <b>Chesterfield County, VA</b>	Name: <b>Parsons Brinckerhoff</b>	Name of Client/Owner: <b>VDOT</b> Phone: <b>(804) 674-2800</b> Project Manager: <b>Ian Millikan</b> Phone: <b>(804) 674-2800</b> Email: <b>ian.millikan@vdot.virginia.gov</b>	<b>12/31/2011</b>	<b>12/15/2011</b>	<b>11,715</b>	<b>11,820</b>	<b>11,820</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 SOQ may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

Curtis Contracting, Inc. (CCI) was responsible for the overall design-build process including public relations, design, permitting, utility coordination, quality assurance and quality control, environmental protection, safety, schedule, and construction for this \$11.7 million project. The project elements included the construction widening of Interstate 295, Meadowville Road, and on ramps and off ramps for Phase I of the I-295/Meadowville Road Interchange development. Project details included two signalized intersections on Meadowville Road, signage, guardrail, asphalt pavement, concrete pavement, drainage, utility relocation, striping, clearing, and mass grading. CCI was responsible for the communication and coordination with VDOT, Chesterfield County, permitting agencies, and other stakeholders on the project. CCI met the challenge of expediting the schedule in order to advance design, permitting and construction of all work within a 14 month period. CCI's talent was key to supporting the phased design submissions to allow for work to begin within two months of project award and then obtain all approvals in order to complete all work on time and within budget.

CCI's Team salvaged the existing concrete material within the I-295 pavement shoulders and recycled the material in an environmentally positive way to incorporate this material into ground stabilization base material for the construction of new on/off ramp fills. The I-295 and Meadowville Road Interchange Design Build construction is very similar to the requirements of the Interstate 64 Widening and Route 623 Interchange Improvements project, where a major roadway under traffic will be expanded while also accommodating the existing roadway cross slope, profile, and drainage features. Our experience brings forth many valuable lessons for consideration in order to accomplish this challenge. One example would be the emphasis of as-built data prior to establishing the baseline profiles for roadway and drainage design. We have found that the increments of topographic and baseline survey need to be sufficient to identify precisely the existing pavement profiles and cross sections so that the design for the widened roadway does not reach the point of final surface course and find the variables in pavement settlements or prior construction do not allow minimum, or will exceed maximum, allowable tolerance for the final roadway sections.

During the design and construction of this project, CCI worked seamlessly with our Design Team to establish a pavement section and construction method that allowed us to eliminate the traffic limitation of a single lane on the bridge and approaches during the phase of pavement reconstruction at the existing fixed bridge location. The approach expedited the completion of work in this critical area and allowed for minimal impact of traffic during construction. CCI received high praise from the County emergency response officials and the neighboring Northrop Grumman State data storage center officials for our innovative approach and for the fact that we considered their concerns, adapted and improved any original conceptual plan for this work.

CCI was able to control the project schedule with our unique ability to self-perform all project management, mass excavation, roadway sub base, storm drainage/basin construction, pavement demolition, traffic control, and guardrail installation. Major items of work included approximately 120,000 cubic yards of mass excavation, 20,000 cubic yards of borrow excavation, 26,000 square yards of concrete pavement, 23,000 tons of asphalt and 27,000 yons of aggregate base material.

CCI's focus on safety enabled us to complete all work, to include over 100,000 man hours, without a single recordable injury.

**VERIFIABLE EVIDENCE OF GOOD PERFORMANCE**

This project received one of VDOT's first national DBIA Awards for Design-Build in Transportation in 2013. Additionally, the project was selected by VDOT for a presentation at the Governor's Transportation Conference in 2013.

**SCOPE AND COMPLEXITY SIMILARITIES**

- At Grade Signalized Intersection
- Extensive Earthwork Grading
- Major Box Culvert Extension
- Interstate Ramp Construction
- MOT Phasing with Extensive Temporary Barrier/Signal
- Public Relations



**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	
<b>Martin Luther King Expressway Extension (Design Build)</b>  Location: <b>City of Portsmouth, VA</b>	Name: <b>Parsons Brinckerhoff</b>	Name of Client./ Owner: <b>SKW Constructors, LLC</b> Phone: <b>(757) 673-9487</b> Project Manager: <b>Wade Watson</b> Phone: <b>(757) 673-9487</b> Email: <b>wade.watson@skanska.com</b>	<b>10/01/2016</b>	<b>07/31/16</b>	<b>\$45,450</b>	<b>\$46.250</b>	<b>\$46,250</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 SOQ may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

Curtis Contracting, Inc. (CCI), as a major contractor, was responsible for all construction, including highways and structures, extensive MOT, environmental compliance and protection, coordination with adjacent contracts, utility installation, and storm water management.

CCI was responsible for the overall environmental protection, safety, CPM schedule and construction for this \$46.2 million project. The project elements included construction of the widening of Interstate 264, on ramps and off ramps for Contract A of the I-264/MLK Extension Interchange development. Project details included construction of two new bridges, widening of two existing bridges, MSE walls, EPS, signals, lighting, overhead/roadway signage, guardrail, asphalt pavement, drainage, utility relocation, striping, clearing, mass grading, and MOT. CCI was responsible for the communication and coordination with SKW, Design Engineer, QA/QC, VDOT, City of Portsmouth, permitting agencies, and other stakeholders on the project. CCI was able to control the project schedule with its unique ability to self-perform all project management, mass excavation, roadway sub base, storm drainage/basin construction, pavement demolition, traffic control, bridge construction, and guardrail installation. Major items of work included approximately 200,000 cubic yards of mass excavation, 40,000 cubic yards of borrow excavation, 85,000 tons of asphalt, 20,000 tons of aggregate base material, 27,000 cubic yards of EPS/Geo-foam, 25,000 cubic yards of lightweight fill, construction of 46,000 square feet of MSE Wall, 4,800 linear feet of barrier wall, and removed and replaced a pedestrian bridge with approaches. CCI's focus on safety enabled us and our subcontractors to complete all work to date, including over 100,000 man hours, without a single recordable injury.

CCI was able to control the project schedule with our unique ability to self-perform grading, pavement, project management, maintenance of traffic, guardrail installation, erosion and sediment controls, and bridge construction.

**VERIFIABLE EVIDENCE OF GOOD PERFORMANCE**

Through detailed scheduling, coordination, and communication, the MLK Extension Project was ahead of schedule. CCI has been recognized by SKW for Quality, Erosion and Sediment controls, and MOT operations.

**LESSONS LEARNED**

1. Weekly coordination meetings have been key to eliminating delays, maintaining schedule, and communication with stakeholders
2. Due to multiple contracts MOT coordination has been key to minimize impacts to travelling public
3. Quality Control built into work plans has been key to eliminate rework and provide a quality project.
4. Daily MOT inspections have been key to maintaining traffic flow through the project and promptly addressing issues.

**SCOPE AND COMPLEXITY SIMILARITIES**

- Widening of major roadway under traffic
- VDOT Design Build Project
- Bridge Construction and Widening
- Installation of ITS communications and Signals
- Significant MOT
- Coordination with Railroad
- Coordination with many Stakeholders



**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	
<b>I-264 Pavement Rehabilitation (Design Build)</b>  Location: <b>City of Portsmouth, VA</b>	Name: <b>SEE BELOW</b>	Name of Client./ Owner: <b>VDOT</b> Phone: <b>(757) 925-2500</b> Project Manager: <b>Jim Utterback, PE</b> Phone: <b>(757) 925-2500</b> Email: <b>james.utterback@vdot.virginia.gov</b>	<b>November 2015</b>	<b>November 2015</b>	<b>TOTAL: \$60,950</b>	<b>TOTAL: \$75,500</b> (overage due to additional concrete pavement replacement required by owner)	<b>TOTAL: \$75,500</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 SOQ may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

Curtis Contracting, Inc. (CCI), as the Design Builder, was responsible for all aspects of design and construction, including roadway, drainage improvements, MOT, barrier and guardrail modifications, signage, environmental protection, public relations, and coordination with adjacent contracts and VDOT TOC. Project required extensive coordination with adjacent and overlapping projects which is handled by CCI in conjunction with VDOT's GEC. Daily coordination occurred onsite and weekly meetings were held at CCI offices to discuss work plans, schedule, public relations information, and traffic control. This fast-track project consisted of the overall design-build process including public relations, design, permitting, utility coordination, quality assurance and quality control, environmental protection, safety, schedule, and construction for this \$72 million project. The project elements included the pavement rehabilitation, drainage, and safety improvements for a 12-mile section of Interstate 264 in the City of Virginia Beach. Project scope included the installation of over 210,000 tons of asphalt, 120,000 square yards of full depth pavement replacement, 70,000 linear feet of shoulder and median barrier modification, over 400 nightly MOT/lane closures, 5,000 linear feet of trench drain, jack and boring of drainage pipe, 130 storm drain structure modifications, 70,000 linear feet of guardrail upgrades, signage, and millions of linear feet of pavement markings. CCI was responsible for the communication and coordination with VDOT, City of Virginia Beach, regulatory agencies, and other stakeholders on the project. The CCI Team was instrumental in expediting the schedule in order to advance design, permitting, and construction of all work within a 22 month period. Using the unique flexibility allowed only with the Design-Build we developed phased design submissions to allow for work to begin within two months of project award and then obtained all approvals in order to insure work will be completed on schedule. This included incorporating over \$10 million in added scope without changing the project completion date. The CCI Team focused on safety and accident prevention has resulted, to date, in over 200,000 man hours without a single recordable injury for this project. CCI was salvaging the existing concrete material within the I-264 full depth pavement repairs and will recycle over 60,000 tons of material in an environmentally positive way.

- SCOPE AND COMPLEXITY SIMILARITIES**
- Rehabilitation of a major commuter roadway under traffic
  - VDOT Design Build Project
  - Public Relations Efforts with local business and communities
  - Fast Track Design and Construction
  - Significant Asphalt Pavement
  - Significant Traffic Control Requirements

CCI was able to control the project schedule with its unique ability to self-perform all project management, MOT, full depth roadway pavement replacement, roadway widening, barrier modifications, guardrail installations, erosion and sediment controls, and survey.

**VERIFIABLE EVIDENCE OF GOOD PERFORMANCE**

This project had an aggressive 22 month schedule. Weekly design and construction progress meetings were held with the owner, as well as meetings dealing with MOT, scheduling, and lane closures, to discuss coordination with the other ongoing projects. We also coordinated the work with the local city, police, fire and other emergency responders, and the traveling public. Despite the addition of over \$10 million of added scope on the project critical path, CCI developed a plan and provided all of the necessary resources to mitigate any schedule impact on the original contract completion date.

CCI was innovative in their approach to the work zone safety risks. At their own expense they installed an electronic traffic speed sign trailer in each lane closure to bring to the attention of the traveling motorist their speed and monitor peak hours of speed violations. This allowed for motorist to "check-up" this speed when entering a work zone and, also, allowed for CCI to coordinate with law enforcement on the necessary peak periods for their presence. CCI also implemented an "Orange Cones No Phones" campaign to bring motorist awareness to the workzone and in a direct effort to reduce the number of distracted drivers.

**LESSONS LEARNED**

1. Since effective coordination among all stakeholders, VDOT, utility owners, and business was paramount, weekly coordination and job progress meetings were held to discuss issues/solutions, scheduling, partnering, safety, MOT, etc., which mitigated conflicts and eased the flow of the project.
2. Due to potential traffic congestion and emergency vehicle response impacts, CCI proposed an extensive Public Relations outreach and communication program that consisted of website, one on one contact and information distribution to all localities, and emergency response divisions along this high volume traffic corridor. These processes were implemented with VDOT's approval resulting in improved public travel and allowed for continuous/uninterrupted access for emergency response vehicles.
3. The project schedule required all design, permitting, and construction to be completed within and aggressive 22 months of NTP. The CCI Team developed a phased design approach that allowed for construction to commence within the first three months from Award.

**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)	
<b>I-264 Pavement Rehabilitation Design-Build</b>  Location: <b>Virginia Beach, VA</b>	<b>Name: Curtis Contracting, Inc.</b>	Name of Client: <b>VDOT</b> Phone: <b>757.494.5477</b> Project Manager: <b>Frank Fabian, PE</b> Email: <b>Frank.Fabian@vdot.virginia.gov</b>	<b>12/2013</b>	<b>11/2015</b>	<b>\$60,950</b>	<b>\$75,456</b> <i>*Change order per Owner's request.</i>	<b>\$2,093</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 SOQ may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

GAI Consultants, Inc. (GAI) was the prime design consultant for this 10-mile pavement rehabilitation project on I-264. A 10-mile pavement rehabilitation project on Interstate 264 that extends from the railroad bridge west of Witchduck Road to Parks Avenue, and includes the westbound collector-distributor lanes of I-264 for the I-64/I-264 interchange to the east of Newtown Road. All roadway segments that have reinforced concrete pavement were upgraded. Damaged concrete pavement was patched full depth and replaced prior to overlaying with up to 6.5 inches of asphalt.

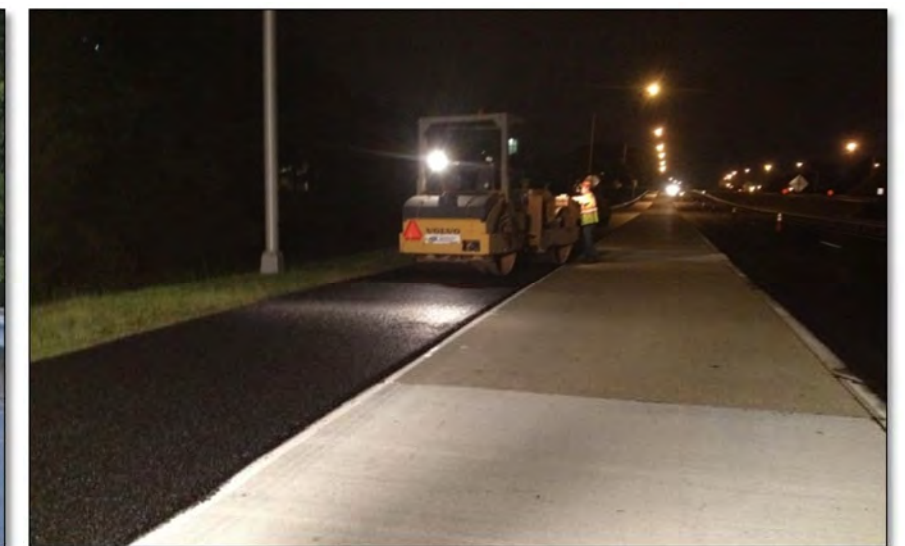
Other project features included four lane miles of shoulder widening, safety hardware upgrades, and modifications and adjustments for barriers, guardrail, curbs, and signage. Drainage structures were adjusted and upgrades made in substandard locations as necessary. GAI was also responsible for hydraulic analysis, design, and construction monitoring to address required water quality measures. The maintenance of traffic and public relations elements of this project were the responsibility of subconsultants.

**Lessons Learned:**

- Innovative design analysis resulted in saving the owner \$3M from VDOT's estimated cost
- Early and frequent multi-stakeholder involvement was a key to meeting the original contract schedule with a 200% increase in fixed bid quantity for concrete pavement replacement (a significant item on the critical schedule's critical path)
- Additional traffic analysis and studies allowed for additional lane closures and extended work zone hours
- +Additional lane closures, speed radar signs, and an "Orange Cones/No Phones" campaign to enhance work zone safety
- No fatalities occurred during the project's construction schedule with 80,000 vehicles per day traffic

**SCOPE AND COMPLEXITY SIMILARITIES**

- Design-Build
- ITS Modification & Coordination
- Utility Coordination/Relocation
- Roadway Widening
- Multiphase MOT
- Extensive Public/Multi-Stakeholder Outreach and Coordination
- Environmental Permitting
- SWM Design and Permitting



**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)	
<b>I-95 Widening &amp; I-4/US 92 Systems Interchange Reconstruction Design Build</b>  Location: <b>Volusia County, FL</b>	<b>Name: Archer Western</b>	Name of Client: <b>Florida Department of Transportation – District 5</b> Construction Project Manager: <b>Bradley Bauknecht, PE</b> Phone: <b>386.943.5429</b> Email: <b>Bradley.Bauknecht@dot.state.fl.us</b>	<b>01/2015</b>	<b>Estimated Construction Completion Date 02/2017</b> <b>*Design Completed 7/2016</b>	<b>\$205,000</b>	<b>\$205,000</b> <b>*Estimated</b>	<b>\$5,905</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 SOQ may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

**GAI Consultants, Inc. (GAI) is the prime design engineer for this effort, leading a multi-disciplined team in widening the highway to six lanes from north of SR 44 to north of US 92, and providing total reconstruction of the I-4, I-95, and US 92 systems interchange to add CD roadways and greatly improve safety and capacity.**

**The Florida Department of Transportation is widening I-94 in Volusia County, adding lanes to this final section of I-95 in Florida to support the development of "Daytona Rising," a major expansion surrounding the Daytona International Speedway. GAI's scope includes more than 12 miles of roadway and interchange design, complex multi-phase maintenance of traffic plans, more than 20 bridge replacements, drainage design, environmental permitting, and ancillary improvements such as lighting, retaining walls, and ITS modifications.**

**All work is in accordance with FDOT and AASHTO specifications, and requires fast-track Interchange Modification Report (IMR) approval by FHWA to keep the project on track and meet an aggressive Design-Build schedule. At a cost of nearly \$30,000 per day for schedule delays, GAI's attention to detail and quality, coupled with an approach that meets all commitments, is the key to the project's success.**

**Value Added Benefits:**

**GAI's value-added design concepts eliminated 97% of the utility conflicts and 17 acres of ROW requirements. The use of polymer binder and bonded friction course saves the Department millions of dollars in future resurfacing and maintenance costs.**

**SCOPE AND COMPLEXITY SIMILARITIES**

- Design-Build
- ITS Modification & Coordination
- Roadway Widening
- New Signals & Intersection Modifications
- Right of Way Acquisition
- Public Information Coordination
- Environmental Permitting
- SWM Design and Permitting





**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)	
<b>SR 9B (Future I-795) from SR-5/US-1 to I-295 Design Build</b> Location: <b>Duval County, FL</b>	Name: <b>Archer Western</b>	Name of Client: <b>Florida Department of Transportation – District 2</b> Construction Project Manager: <b>Nelson Bedenbaugh</b> Phone: <b>800.749.2967</b> Email: <b>Nelson.Bedenbaugh@dot.state.fl.us</b>	<b>02/2010</b>	<b>01/2015</b>	<b>\$70,000</b>	<b>\$70,000</b>	<b>\$5,007</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 SOQ may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

GAI Consultants, Inc. (GAI) served as a prime consultant for the design and permitting of a new 3.5 miles divided highway designed to Interstate standards. GAI provided all highway design, drainage design, and permitting. GAI also provided bridge design, MSE wall design, and oversight of wetland permitting. This project had an 881-day design and construction schedule with the design divided into numerous components allowing construction to begin early in the design process to meet this aggressive schedule. Major engineering components included:

- 13 Bridge structures over waterways, wetlands, and active interstate highways
- System to System Interchange at the I-295/SR 9B intersection designed to accommodate the ultimate future build-out configuration
- Three miles of new Interstate alignment
- PCCP Typical Section
- Stormwater Management Facility Design and Permitting
- Wetland Permitting Oversight
- MSE Wall Design
- Local Access Interchange at the intersection of SR 9B and US 1
- Water and Sanitary Forcemain Design

**SCOPE AND COMPLEXITY SIMILARITIES**

- Design-Build
- Utility Coordination/Relocation
- Multiphase MOT
- ITS Modification & Coordination
- New Signals & Intersection Modifications
- Public Information Coordination
- SWM Design and Permitting



# 4.2.7

## *Conceptual Roadway Plans*



COMMONWEALTH OF VIRGINIA

DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

DESIGN-BUILD RFP

CITY OF FREDERICKSBURG INTERSTATE 95

FROM: 0.115 MILES SOUTH OF INT. ROUTE 3 TO: 1.220 MILES NORTH OF INT. ROUTE 3

0095-III-278, PE-101, RW-201, & C-501

RFP PLANS 9-12-2016

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 - Mark C. Burr, P.E.  
SURVEYED BY, DATE - Rice & Associates  
DESIGN BY - GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE - Accumark, 3/18/16

STATE	FEDERAL AID PROJECT		STATE PROJECT		SHEET NO.
	PROJECT	ROUTE	PROJECT		
VA.	OC-095-2( ) (SEE TABULATION BELOW FOR SECTION NUMBERS)	95	(NF)0095-III-278 (SEE TABULATION BELOW FOR SECTION NUMBERS)		1

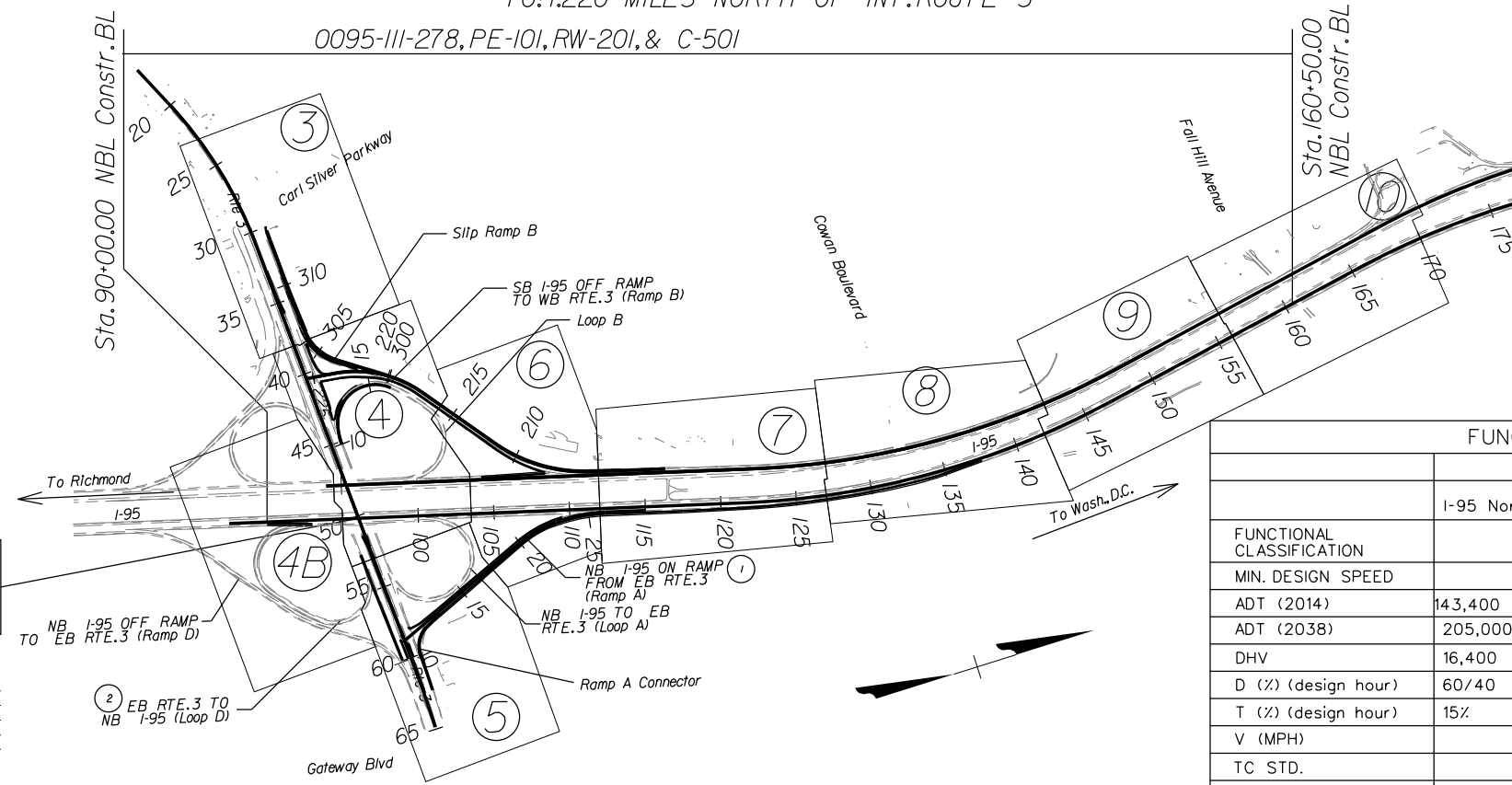
  

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA			
I-95 RAMPS			
	SB I-95 OFF RAMP TO WB RTE. 3 (Ramp B)	NB I-95 ON RAMP FROM EB RTE. 3 (Ramp A, Loop D)	SB I-95 ON LOOP FROM WB RTE. 3 (LOOP B)
FUNCTIONAL CLASSIFICATION	Interchange Ramp-Undivided-Rolling	Interchange Ramp-Undivided-Rolling	Interchange Ramp-Undivided-Rolling
MIN. DESIGN SPEED	25 MPH	30 MPH	25 MPH
ADT (2014)	18,900	8,847 (1) 19,176 (2)	3,900
ADT (2038)	30,100	40,100	5,800
DHV	2,400	3,200	460
D (%) (design hour)	N/A	N/A	N/A
T (%) (design hour)	5%	5%	5%
V (MPH)	X	X	X
TC STD.	TC-5.11R	TC-5.11R	TC-5.11R
GEOMETRIC STD.	GS-R	GS-R	GS-R
MIN. VERTICAL CLEARANCE	16'-6"	16'-6"	16'-6"

X See Plan for horizontal curve data speeds.  
Design Vehicle: AASHTO 2011 WB-67

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2B - 2S	TYPICAL SECTIONS
	PLAN SHEETS
3	ROUTE 3 PLAN SHEET 7 SLIP RAMP B
4	RAMP B, SLIP RAMP B, & LOOP B PLAN SHEET
4B	I-95 NBL PLAN SHEET
5	ROUTE 3, RAMP A & RAMP A CONNECTOR
6	I-95, RAMP A & RAMP B PLAN SHEET
7	I-95 PLAN SHEET
7-OPT1	I-95 PLAN SHEET
8	I-95 PLAN SHEET
8A-OPT1	I-95 PLAN SHEET
9	I-95 PLAN SHEET
9-OPT1	I-95 PLAN SHEET
10-OPT1	I-95 PLAN SHEET



DESCRIPTION REFERENCE:  
STA. 96+05.42 I-95 NBL CONSTR. BASELINE  
STA. 50+17.08 ROUTE 3 CONSTR. BASELINE

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

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA				
	I-95		ROUTE 3	
	I-95 North of Route 3	I-95 South of Route 3	From: I-95 Bridge To: Carl Silver Parkway	From: I-95 Bridge To: Gateway Blvd
FUNCTIONAL CLASSIFICATION	Urban Principal Arterial-Freeway-Divided-Rolling		Other Urban Principal Arterial (Other) Divided-Rolling	
MIN. DESIGN SPEED	70 MPH		45 MPH	
ADT (2014)	143,400	115,062	90,093	60,590
ADT (2038)	205,000	165,900	107,000	75,800
DHV	16,400	13,600	8,600	6,100
D (%) (design hour)	60/40	60/40	60/40	55/45
T (%) (design hour)	15%	15%	4%	5%
V (MPH)	X		X	
TC STD.	TC 5.11R		TC 5.11ULS	
GEOMETRIC STD.	GS-5		GS-5	
MIN. VERTICAL CLEARANCE	16'-6"		16'-6"	

X See Plan for horizontal curve data speeds.  
Design Vehicle: AASHTO 2011 WB-67

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	EQUALITIES		LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		TYPE PROJECT	DESCRIPTION
					FEET		FEET	MILES	FEET	MILES		
0095-III-278	PE-101	OC-095-2(535)	PENG	107715			7050.00	1.335	7050.00	1.335	PRELIM. ENGR.	FROM: 0.115 MILES SOUTH OF INT. ROUTE 3 TO: 1.220 MILES NORTH OF INT. ROUTE 3
	RW-201	OC-095-2(535)	ROWA	107715			7050.00	1.335	7050.00	1.335	RIGHT OF WAY	
	C-501	OC-095-2(535)	1000	107715			7050.00	1.335	7050.00	1.335	CONSTRUCTION	

Project Lengths are based on Northbound I-95 Mainline Construction Baseline.



Copyright 2016, Commonwealth of Virginia

PROJECT MANAGER Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE AccuMark, 3/18/16

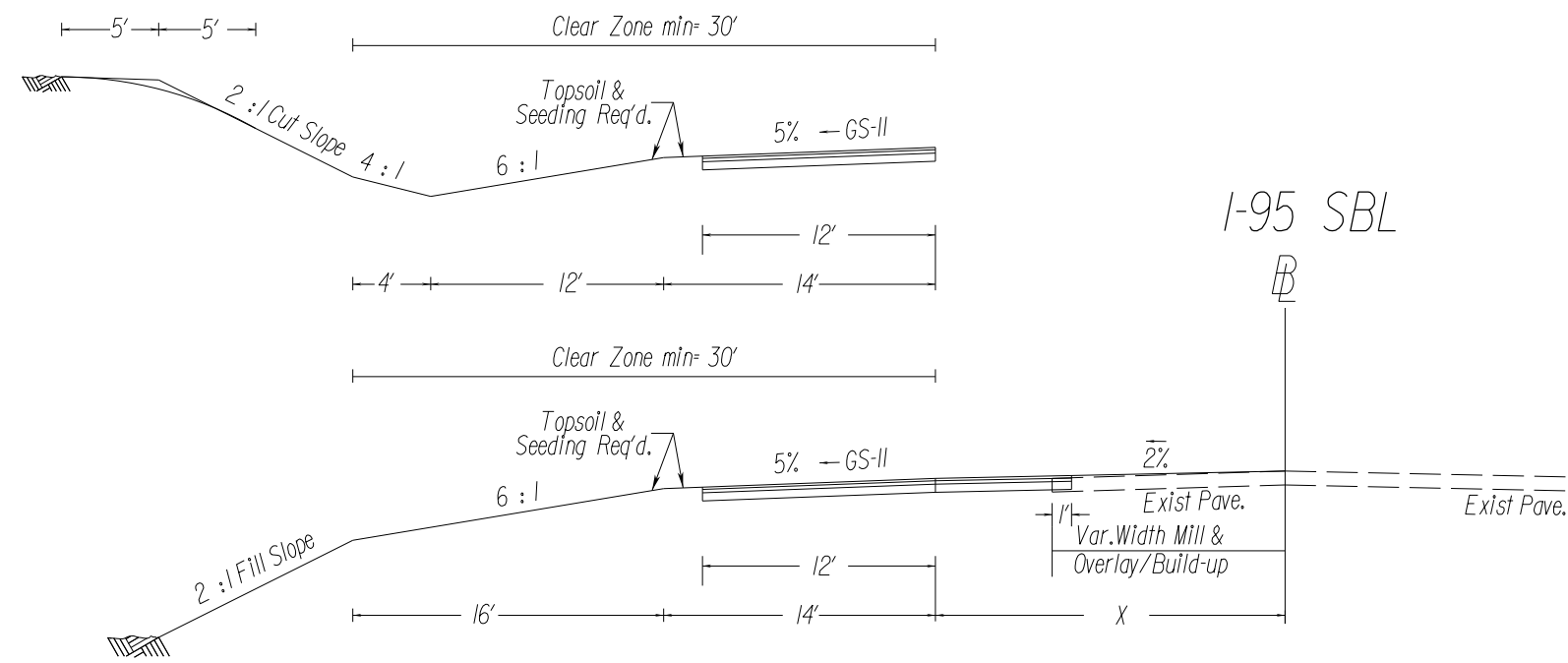
# TYPICAL SECTIONS

REVISED	STATE		PROJECT		SHEET NO.
	STATE	ROUTE	PROJECT		
	VA.	95	0095-III-278 RW-201,C-501		2B

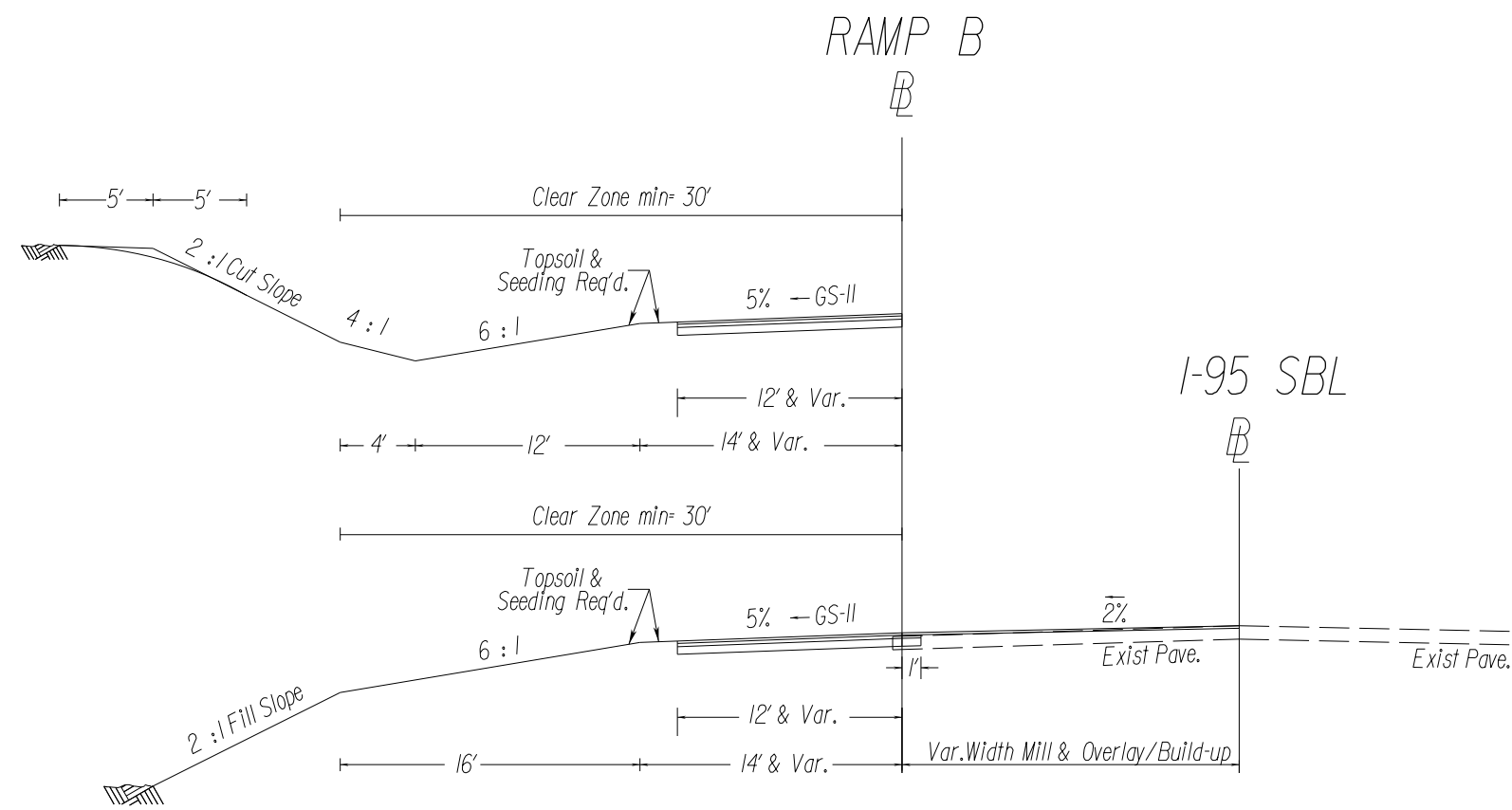
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

## RFP 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.



Station	to	Station	X
Sta.104+26.04	to	Sta.108+46.04	12' to 24'
Sta.108+46.04	to	Sta.109+60.59	24.5' & Var



Station	to	Station
Sta.109+60.59	to	Sta.113+50.00

PROJECT MANAGER Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE AccuMark, 3/18/16

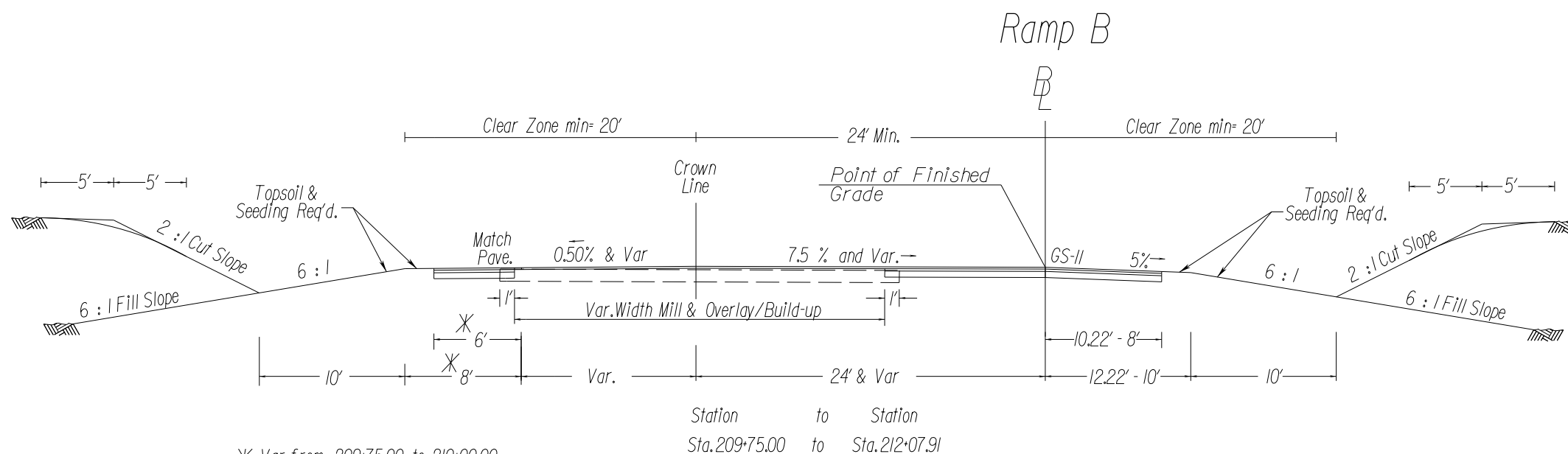
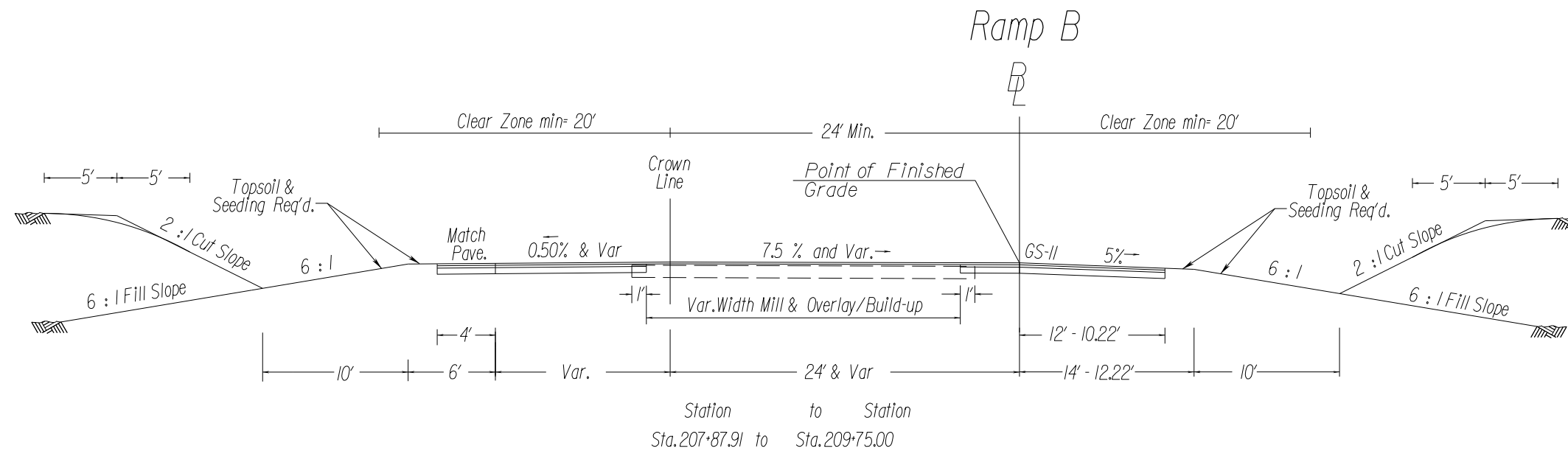
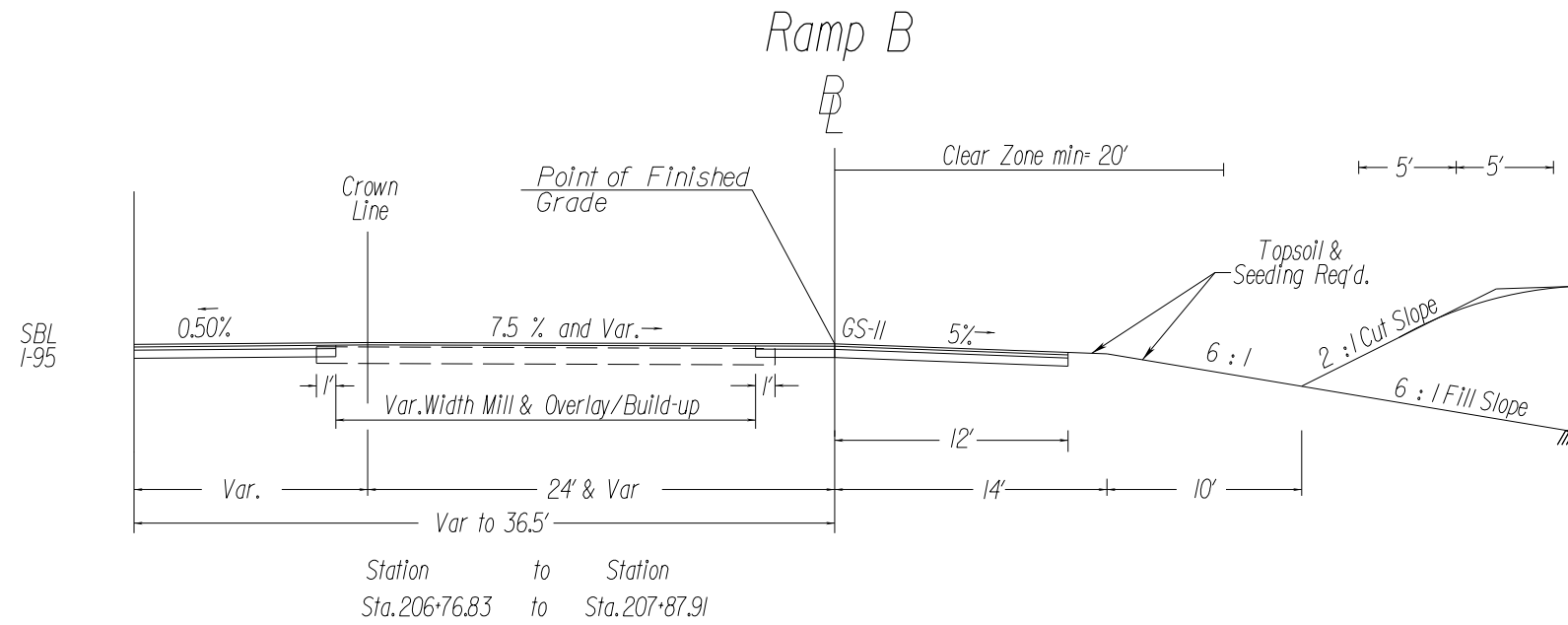
# TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	95	0095-III-278 RW-201,C-501	2C

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

## RFP 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.



\* Var. from 209+75.00 to 210+00.00  
\* Var. from 211+49.57 to 212+00.00

PROJECT	SHEET NO.
0095-III-278	2C

PROJECT MANAGER Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE AccuMark, 3/18/16

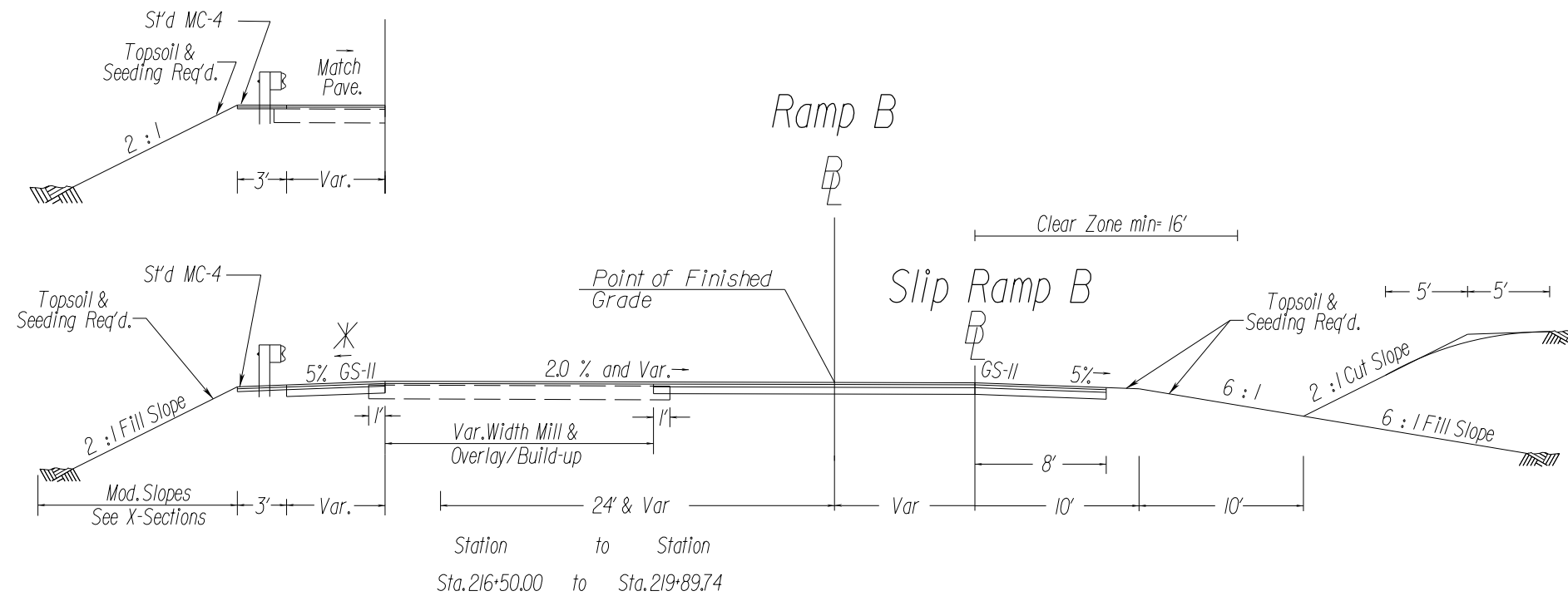
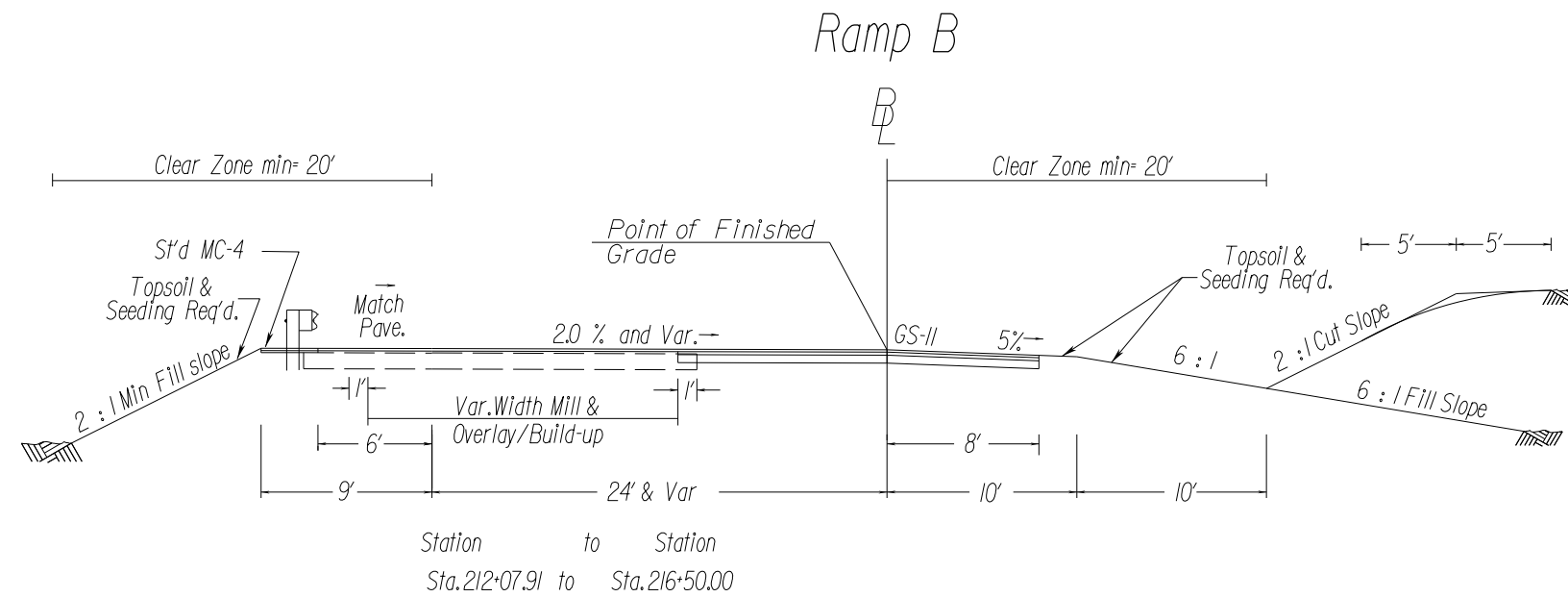
# TYPICAL SECTIONS

REVISED	STATE		PROJECT	SHEET NO.
	STATE	ROUTE		
	VA.	95	0095-III-278 RW-201,C-501	2D

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

## RFP 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.



X Transition shoulder slope from match proposed pavement to 5% (S'd GS-II) from sta. 218+25 to sta. 218+50.83

PROJECT MANAGER Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE AccuMark, 3/18/16

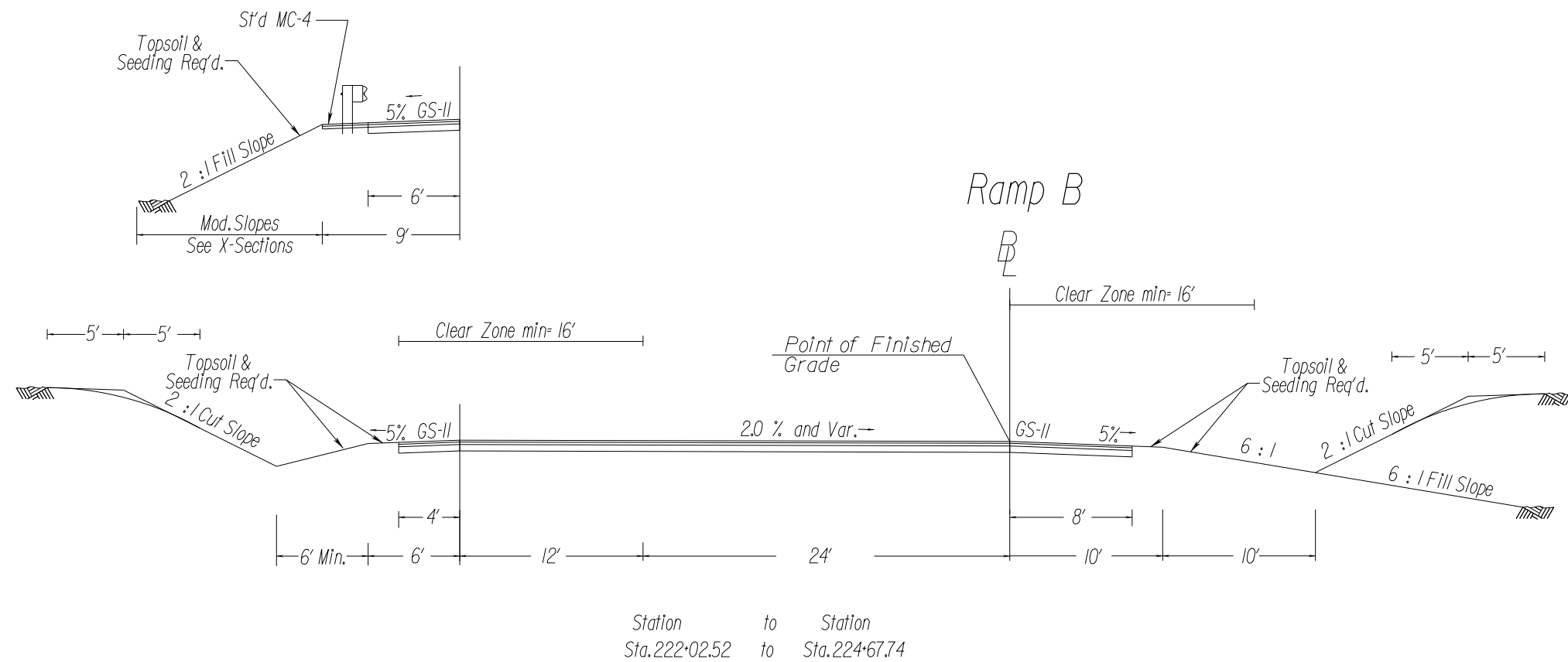
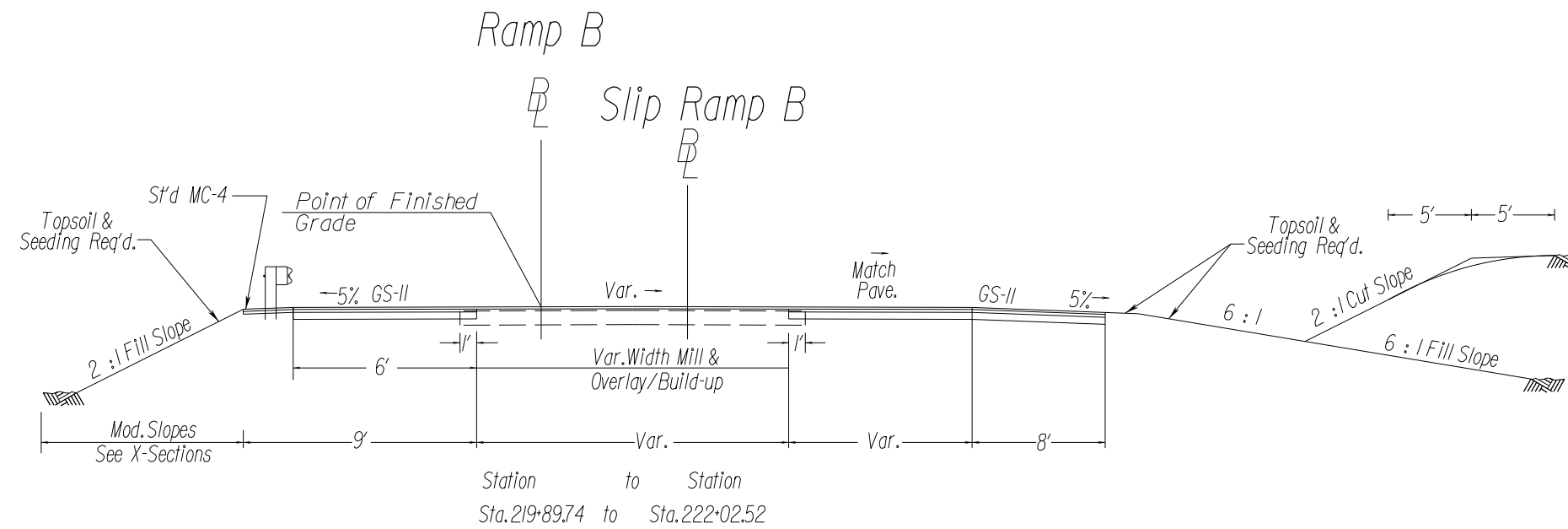
# TYPICAL SECTIONS

REVISED	STATE		PROJECT	SHEET NO.
	STATE	ROUTE		
	VA.	95	0095-III-278 RW-201,C-501	2E

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

## RFP 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 Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Alice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE AccuMark 3/18/16

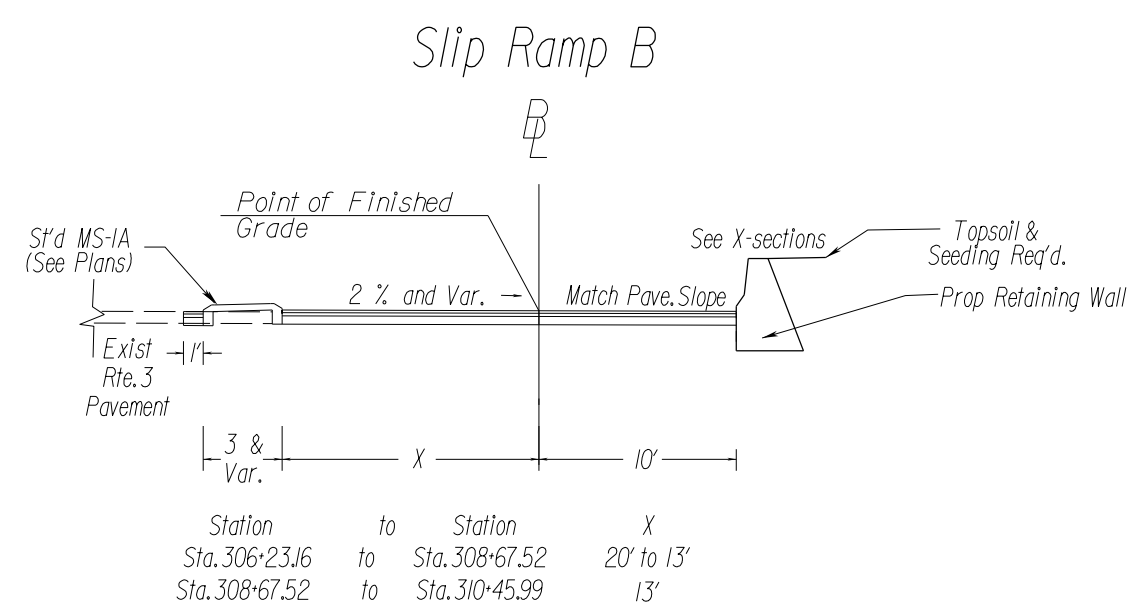
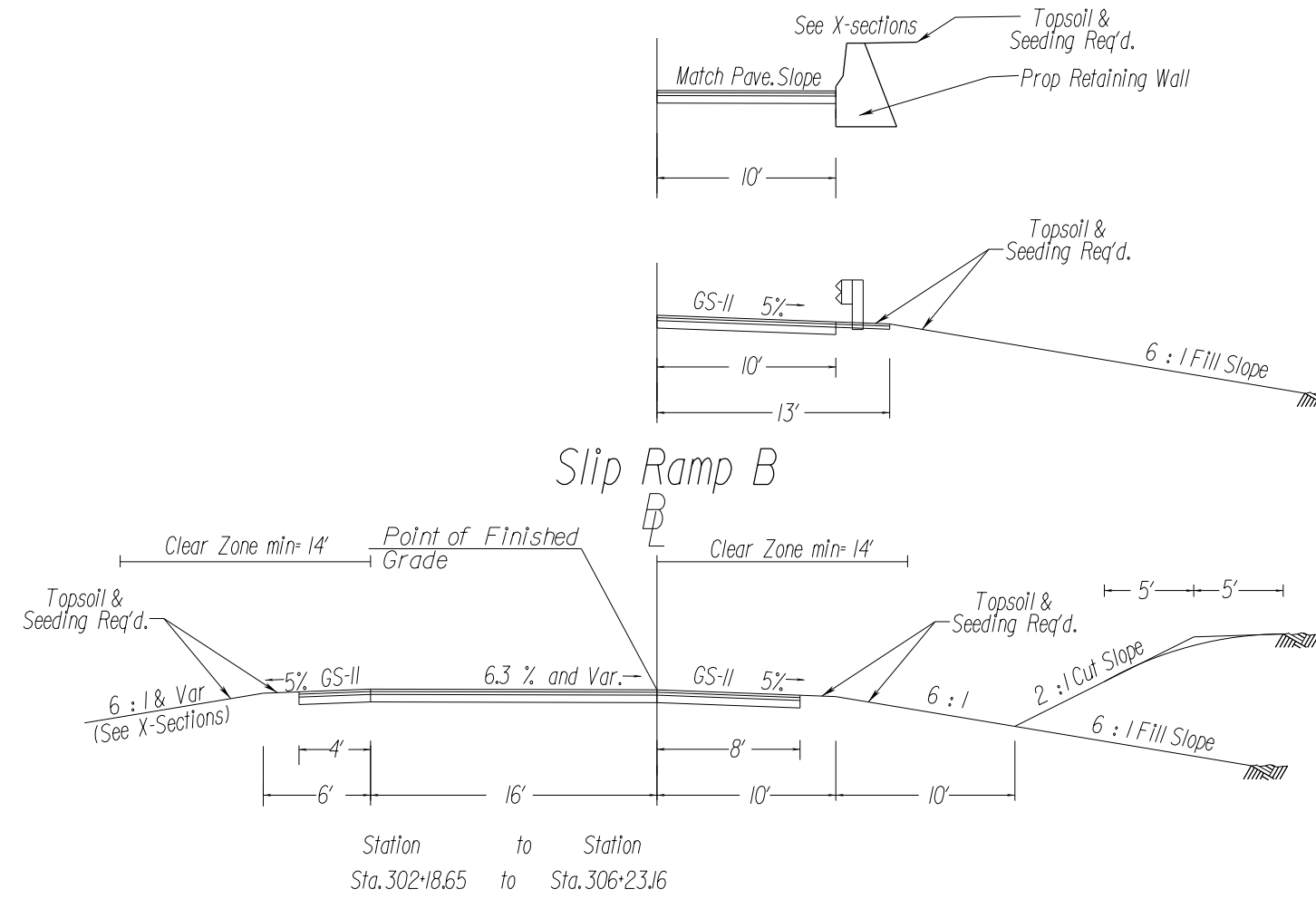
# TYPICAL SECTIONS

REVISED	STATE		PROJECT	SHEET NO.
	STATE	ROUTE		
	VA.	95	0095-III-278 RW-201,C-501	2F

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

## RFP 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 *Mark C. Buzzis, P.E.*  
SURVEYED BY, DATE *Elice & Associates*  
DESIGN BY *GAI Consultants, Inc.*  
SUBSURFACE UTILITY BY, DATE *Accumark 3/18/16*

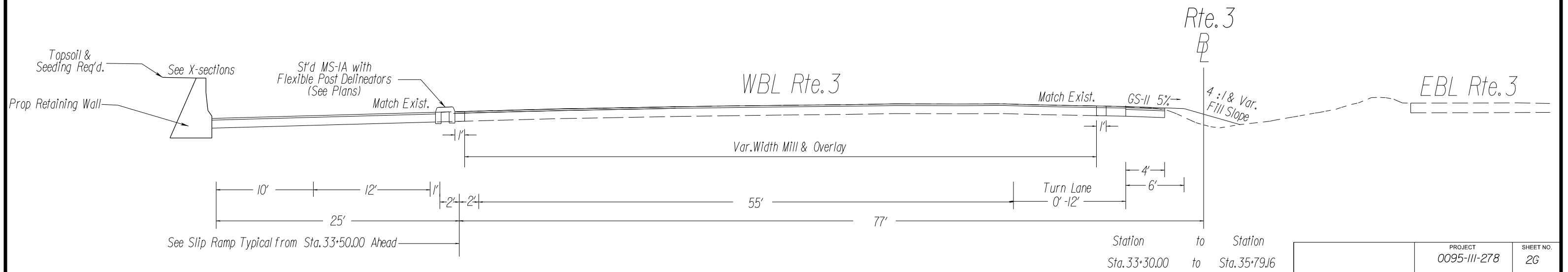
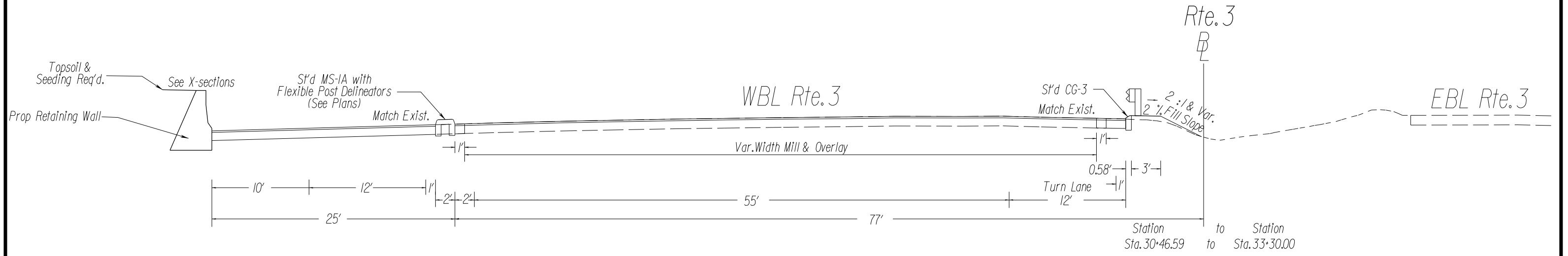
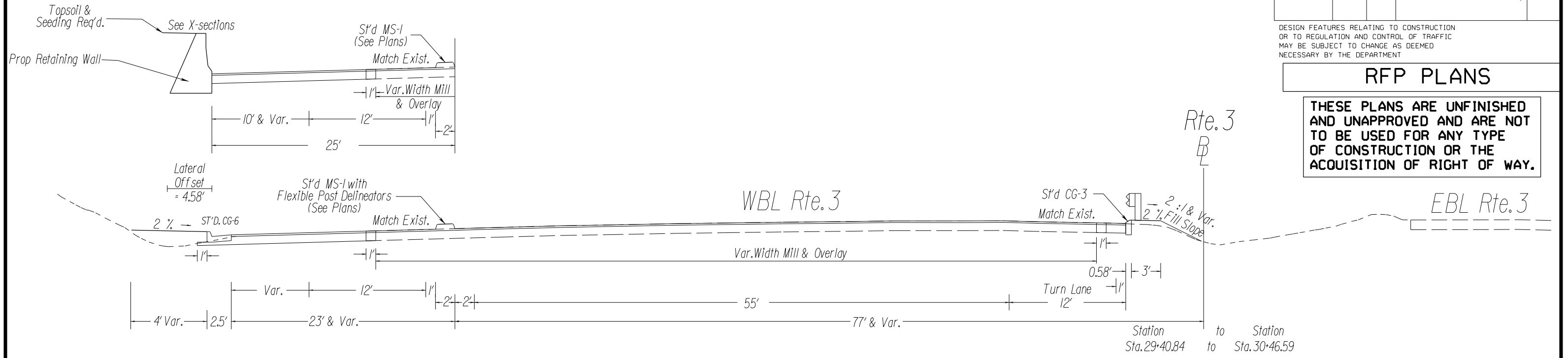
# TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	95	0095-III-278 RW-201.C-501	26

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

## RFP 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	SHEET NO.
0095-III-278	26

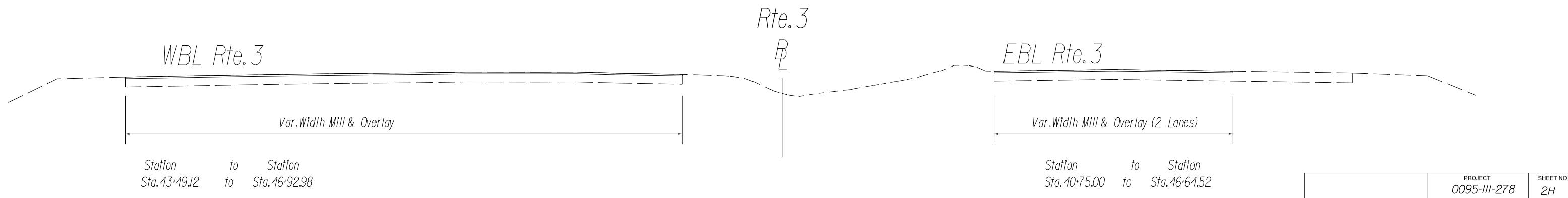
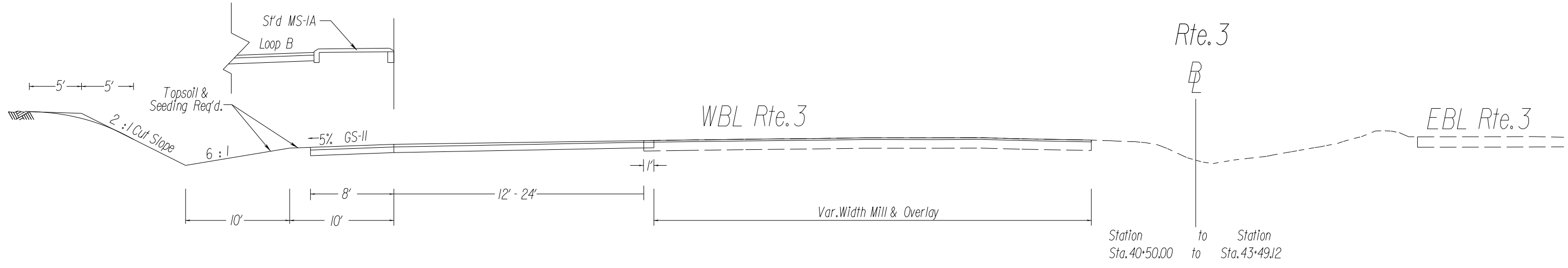
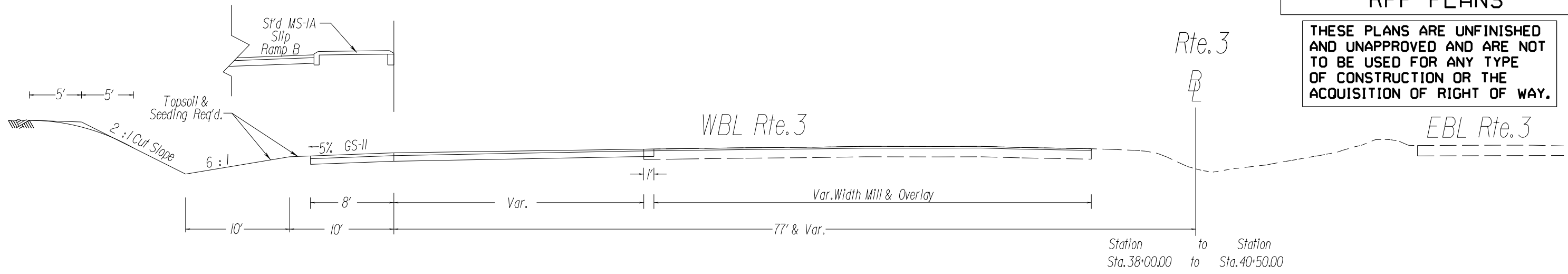
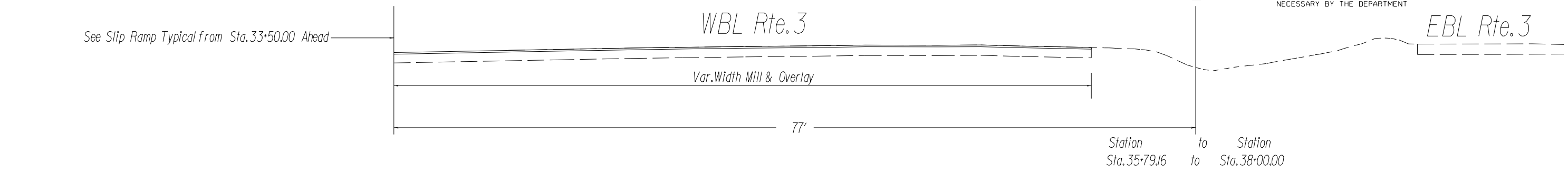
PROJECT MANAGER Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE Accumar, 3/18/16

# TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	95	0095-III-278 RW-201.C-501	2H

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

See Slip Ramp Typical from Sta. 33+50.00 Ahead



**RFP 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	SHEET NO.
0095-III-278	2H

PROJECT MANAGER Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE Accumar, 3/18/16

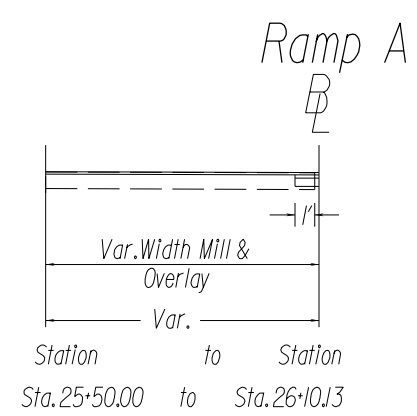
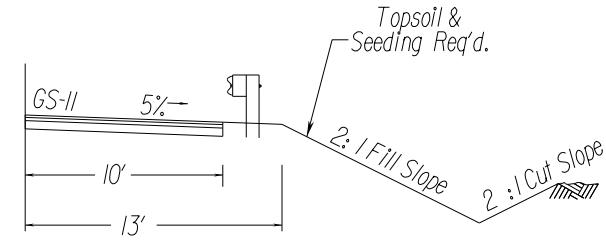
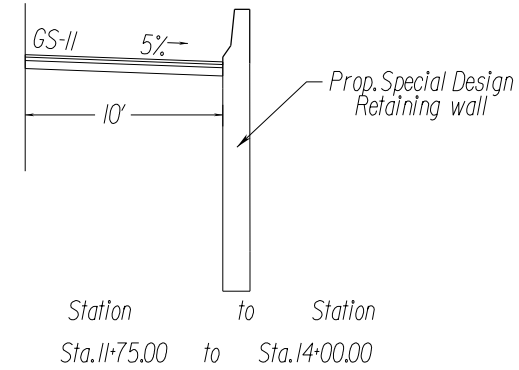
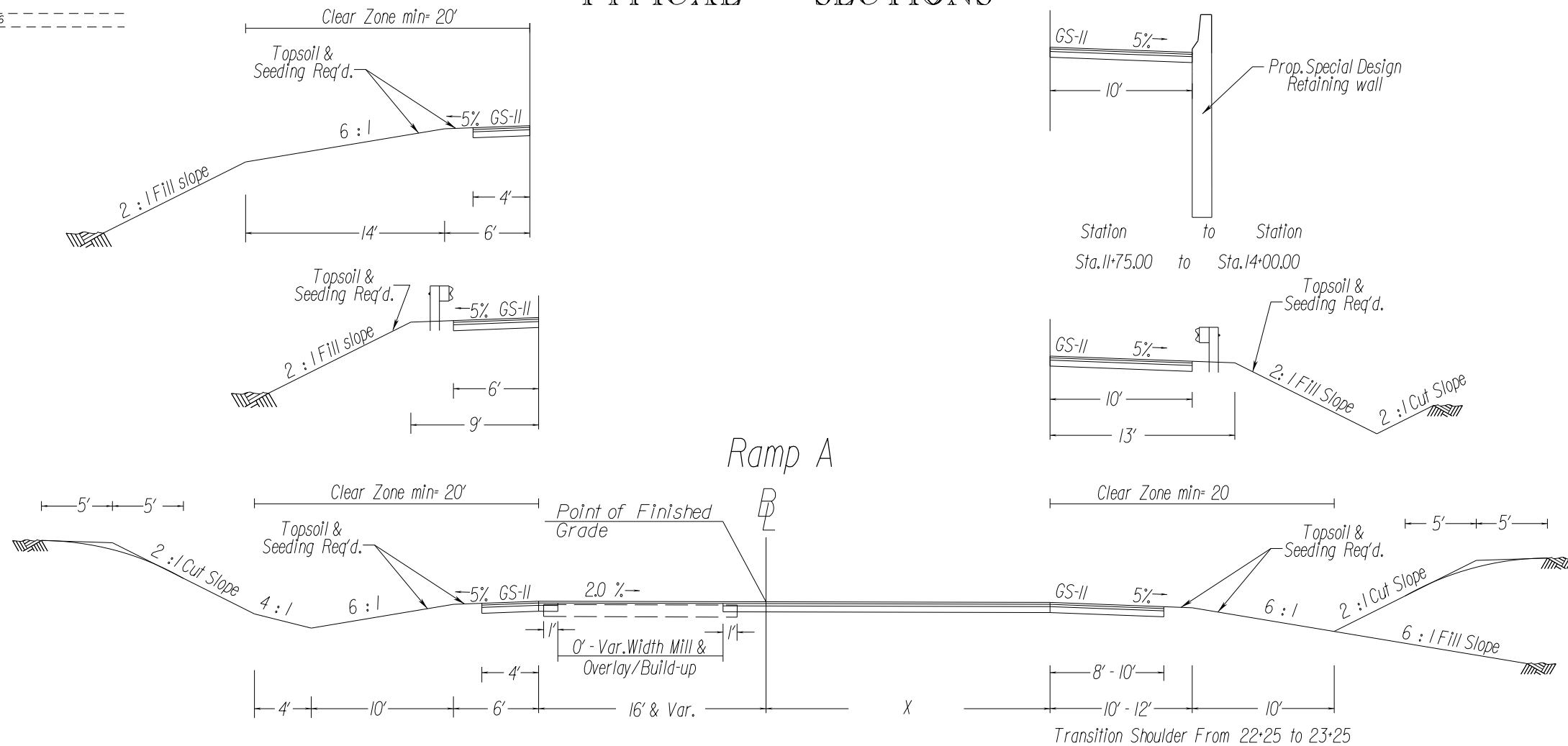
# TYPICAL SECTIONS

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-III-278 RW-201,C-501	21

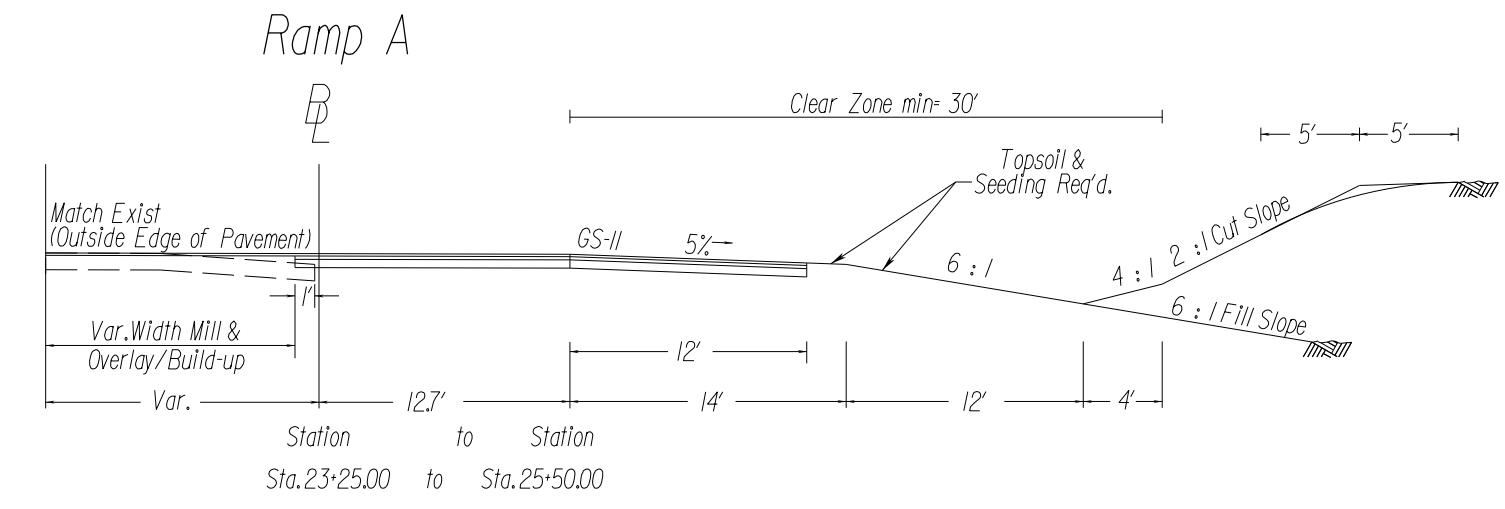
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

## RFP 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.



Station	to	Station	X
Sta.10+57.73	to	Sta.15+20.00	20'
Sta.15+20.00	to	Sta.21+20.00	20' - 12.7'
Sta.21+20.00	to	Sta.23+25.00	12.7'

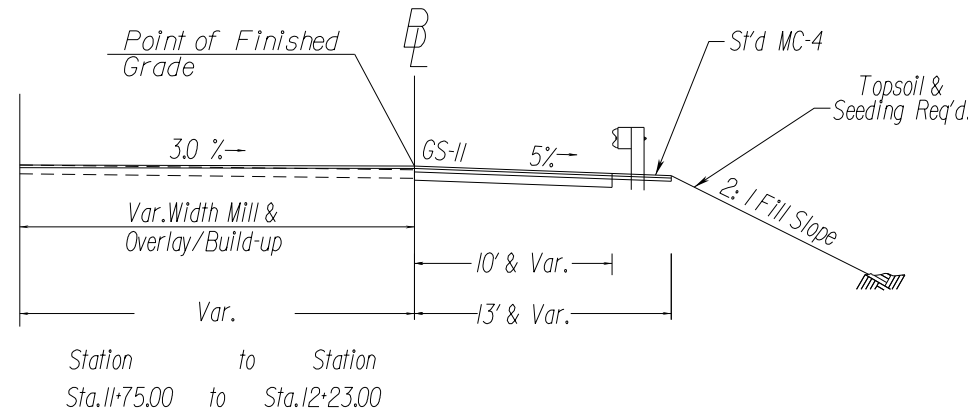


PROJECT MANAGER Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE Accumar, 3/18/16

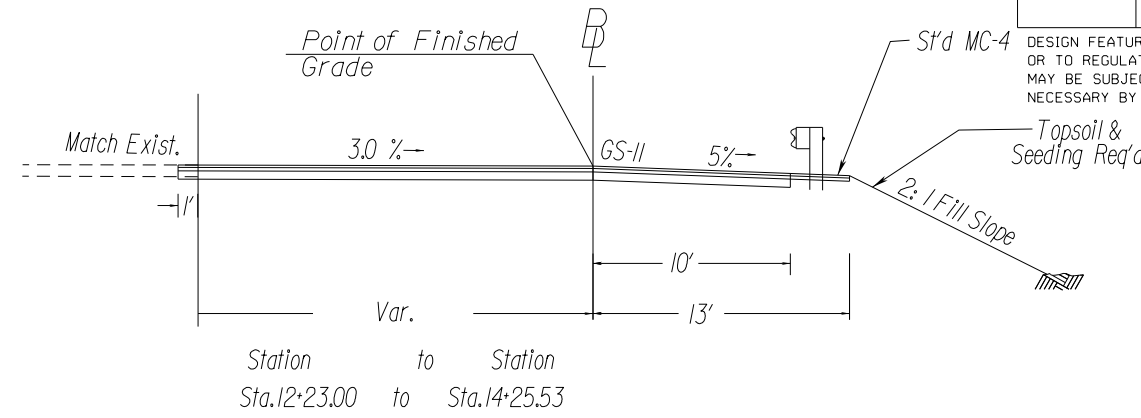
# TYPICAL SECTIONS

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-III-278 RW-201,C-501	2J

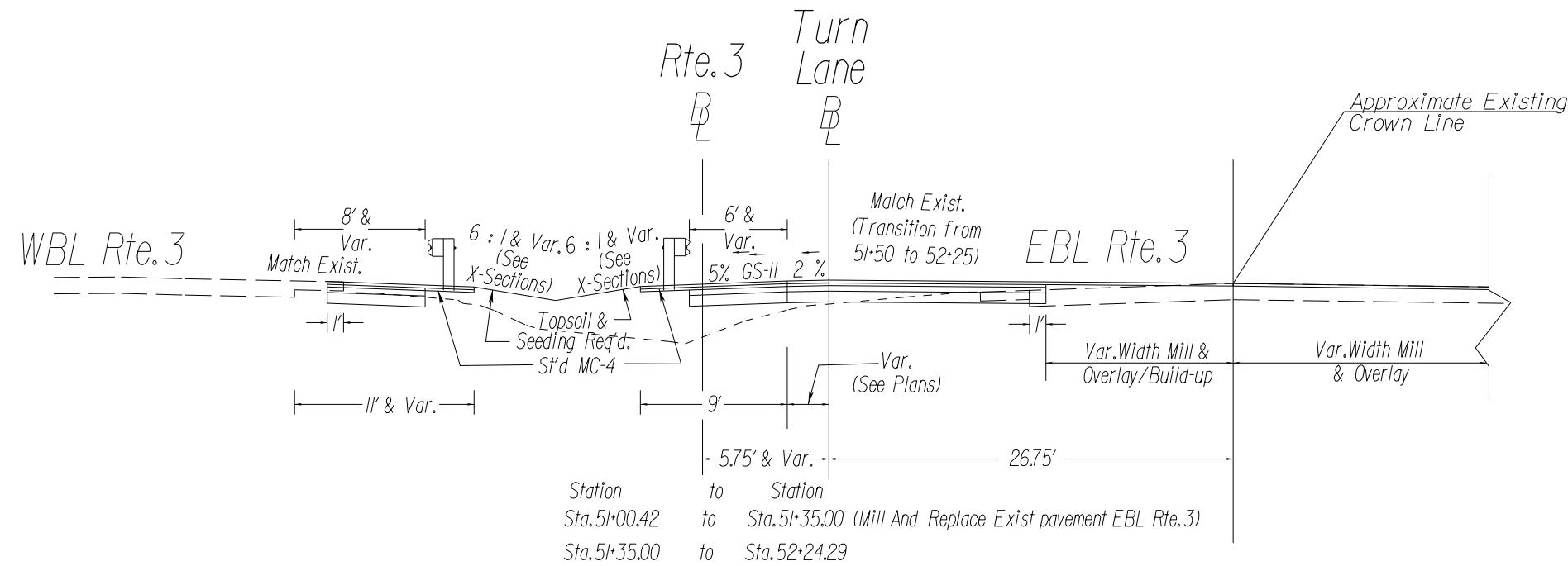
## Ramp A Connector



## Ramp A Connector

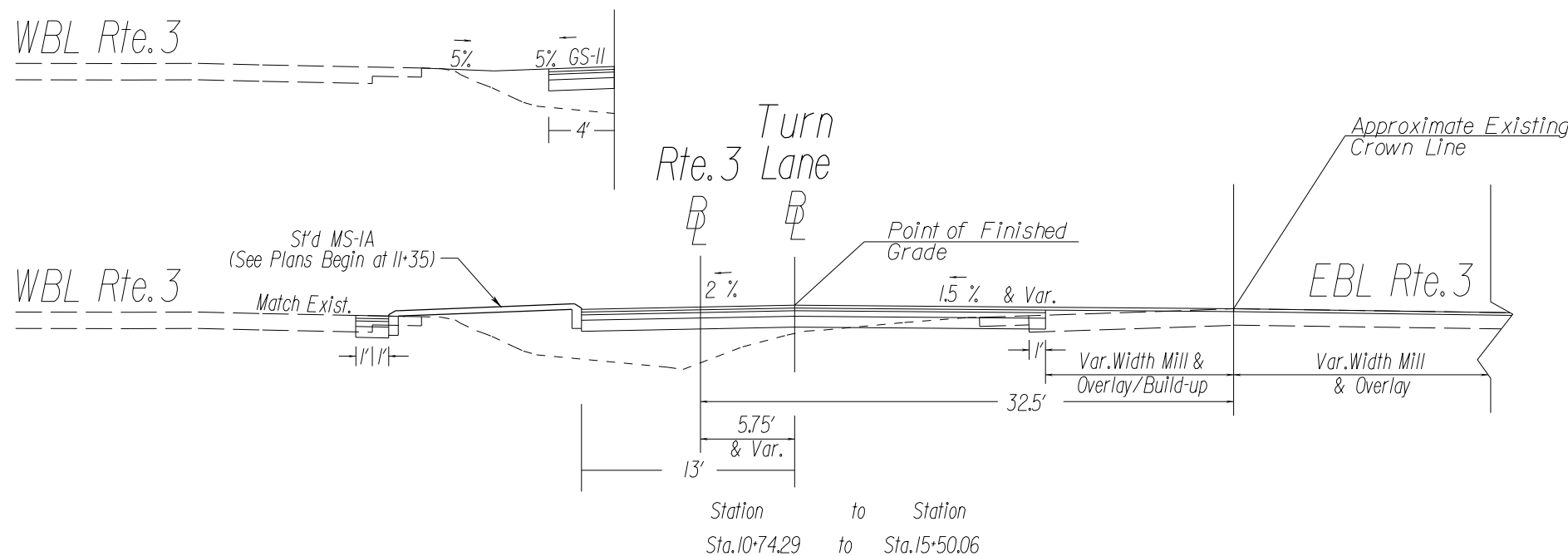


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



## RFP 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	SHEET NO.
0095-III-278	2J

PROJECT MANAGER Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Elce & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE Accurmark 3/18/16

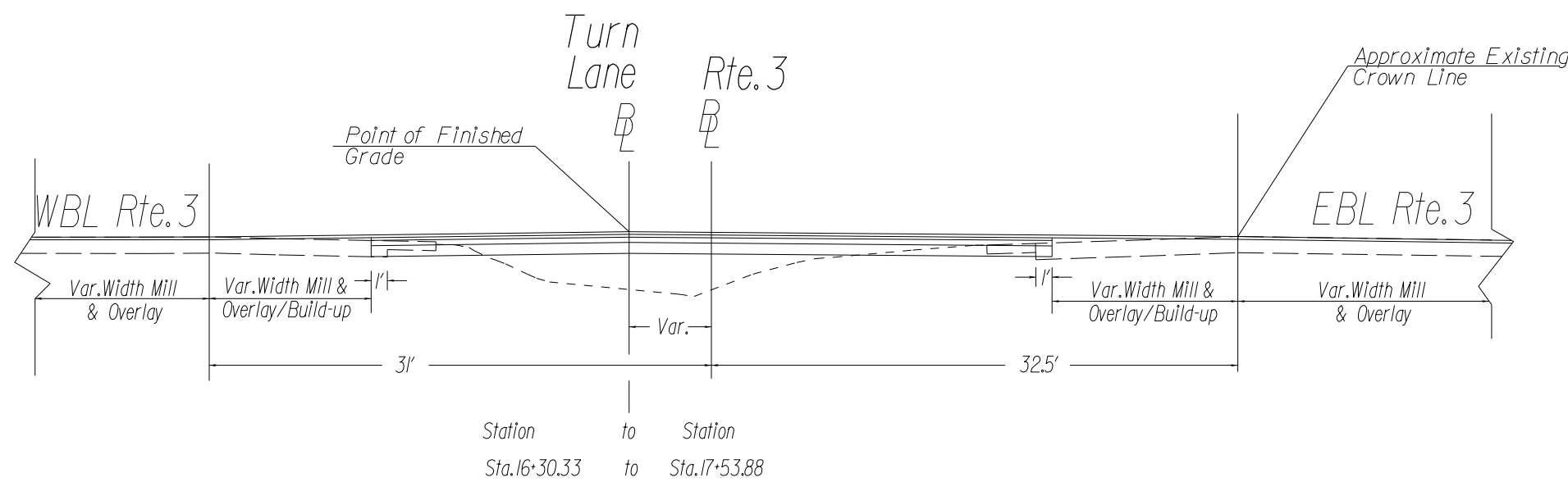
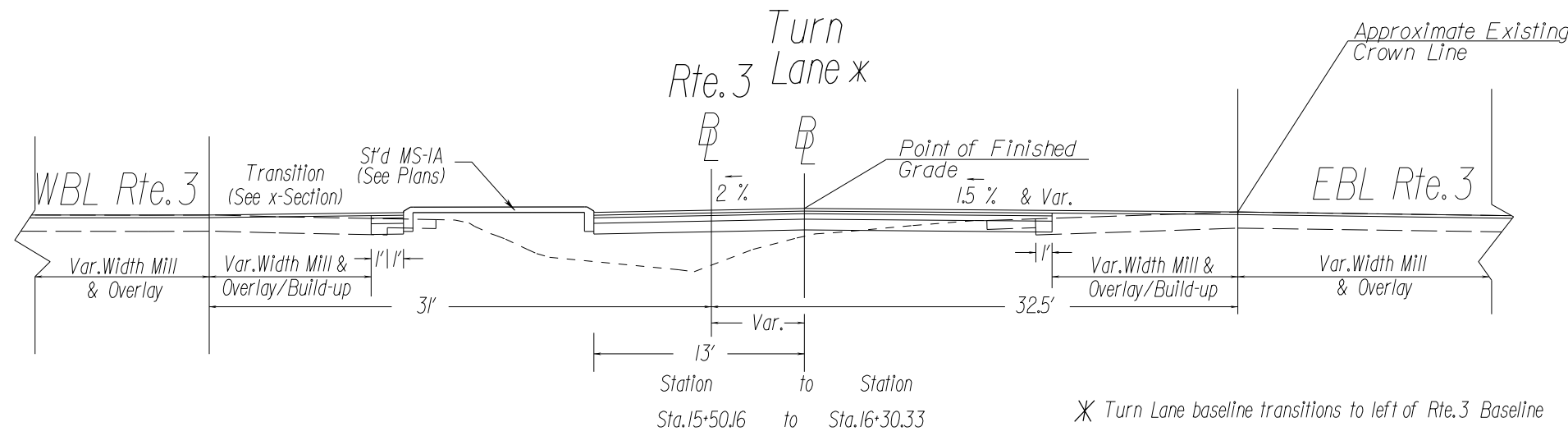
# TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	95	0095-III-278 RW-201,C-501	2K

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

## RFP 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 Mark C. Buzzr1s, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE Accumar, 3/18/16

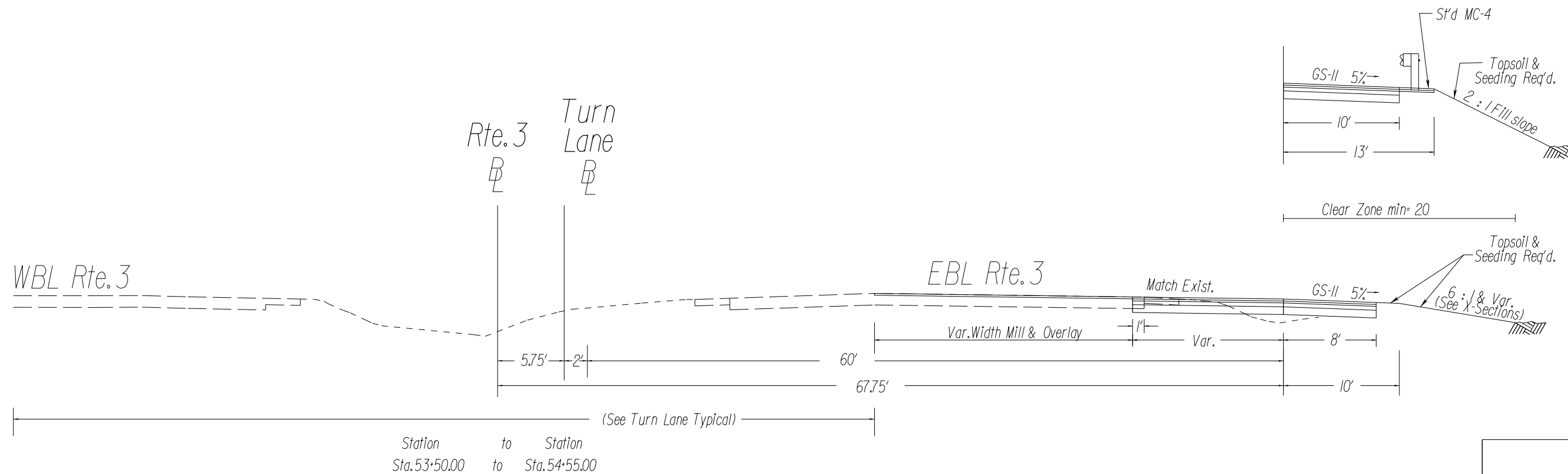
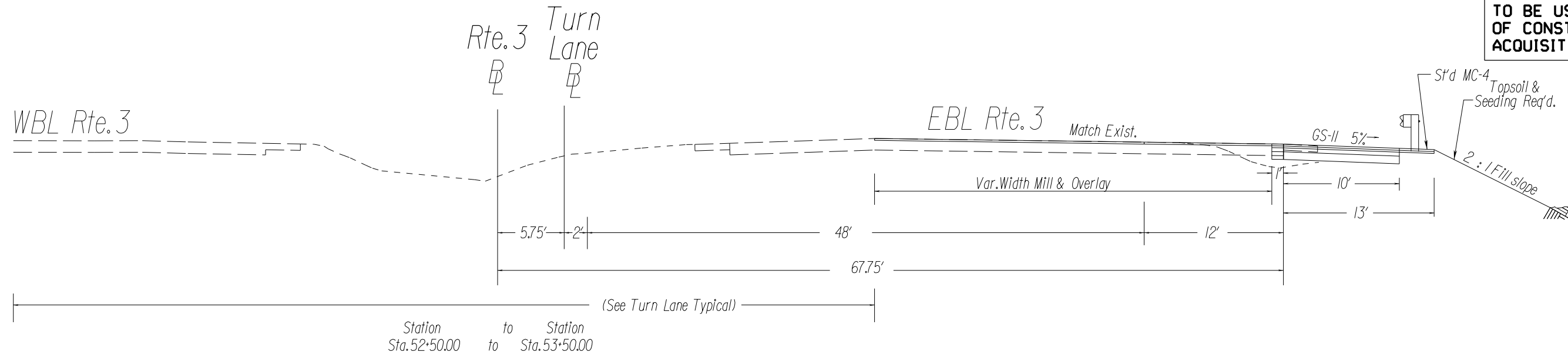
# TYPICAL SECTIONS

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-III-278 RW-201,C-501	2L

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

## RFP 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 Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE Accurmark, 3/18/16

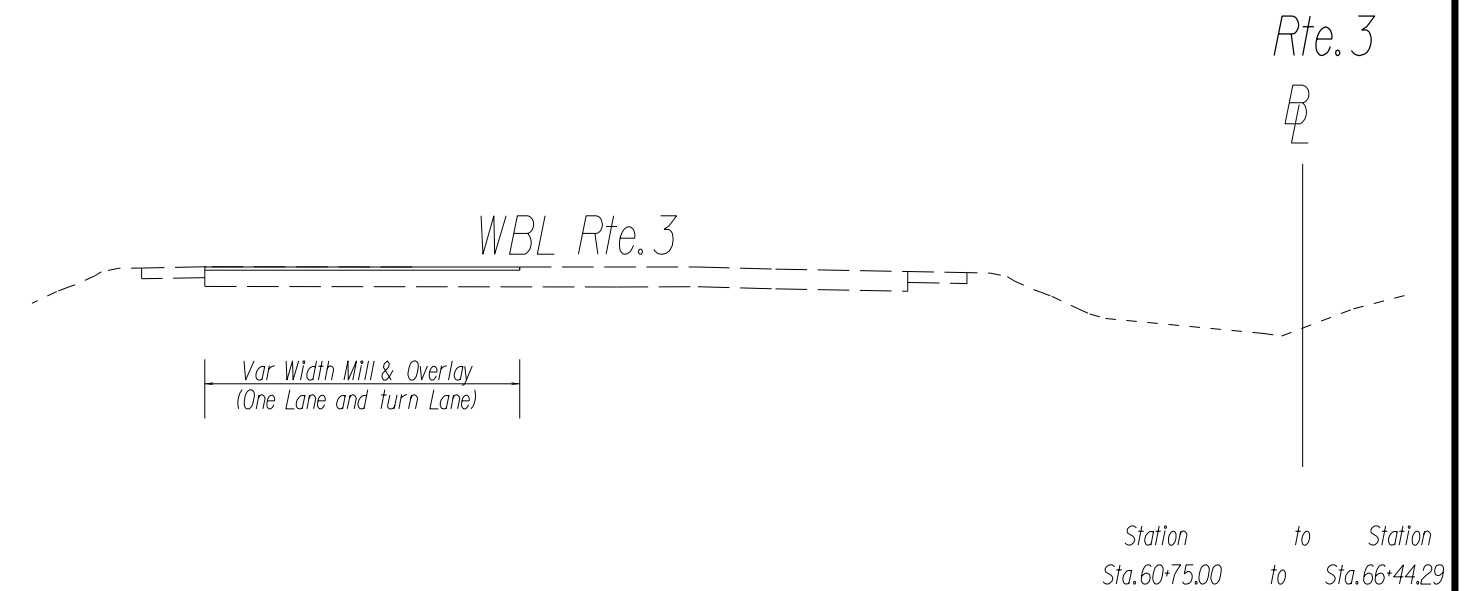
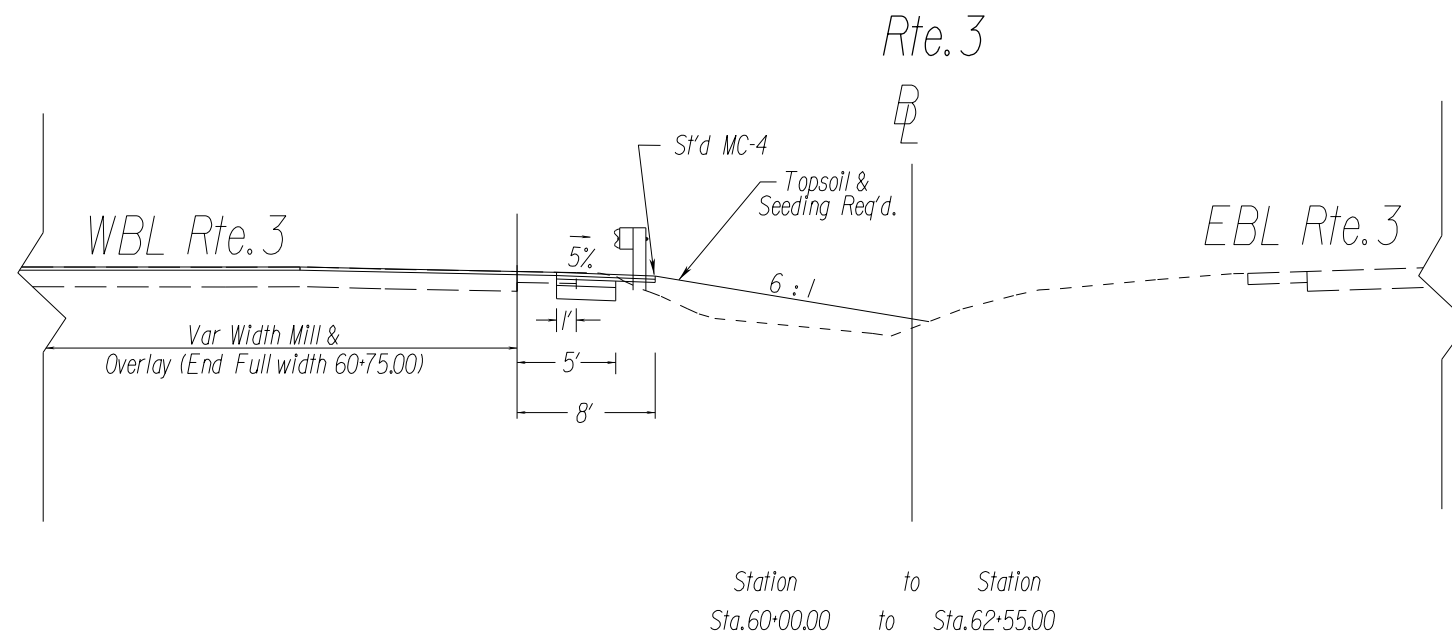
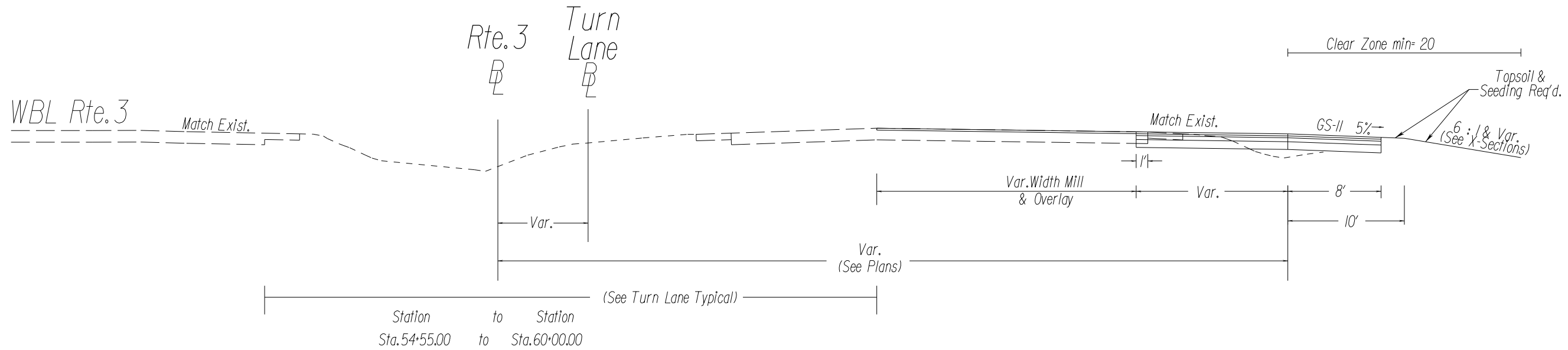
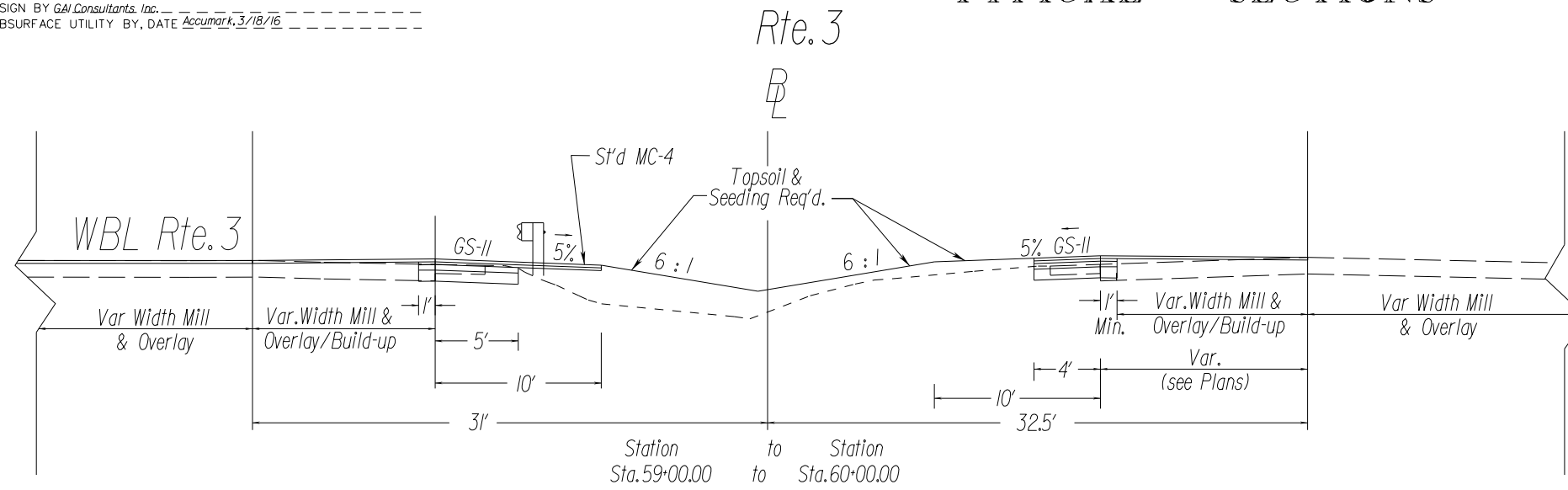
# TYPICAL SECTIONS

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-III-278 RW-201,C-501	2M

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

## RFP 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	SHEET NO.
0095-III-278	2M

PROJECT MANAGER Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE Accumar, 3/18/16

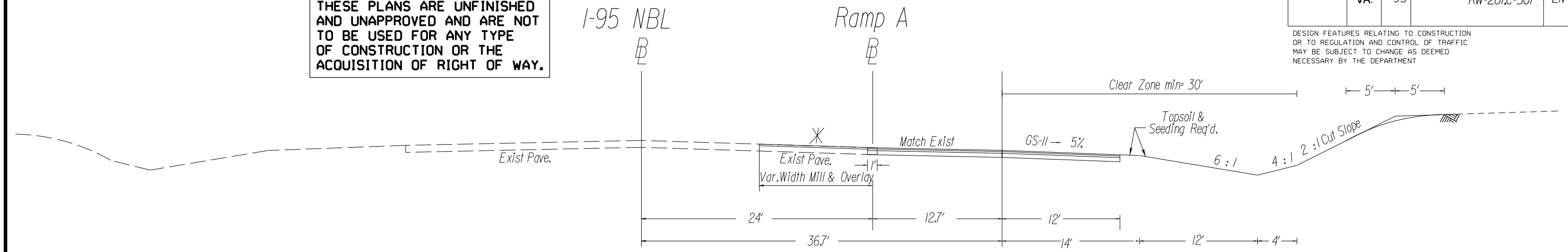
**RFP PLANS**

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

**TYPICAL SECTIONS**

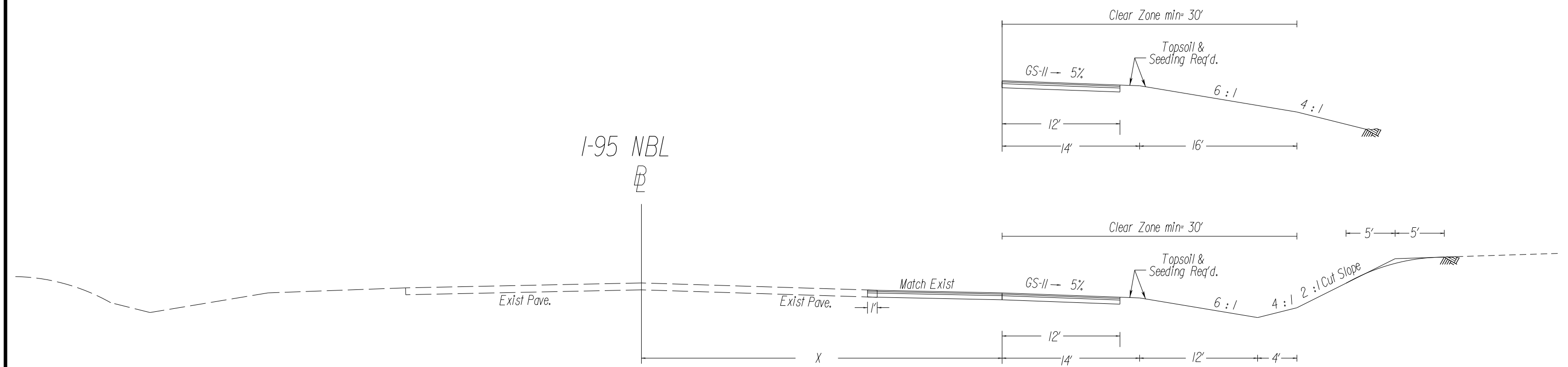
REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	95	0095-111-278 RW-201,C-501	2N

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



Station to Station  
Sta. 112+34.81 to Sta. 115+00.00

X Sta. 112+34.81 to Sta. 113+25.00



Station to Station X

Sta. 115+00.00 to Sta. 117+50.00 36.7

Sta. 117+50.00 to Sta. 125+90.00 36.7 - 25.8'



PROJECT MANAGER Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE Accumar, 3/18/16

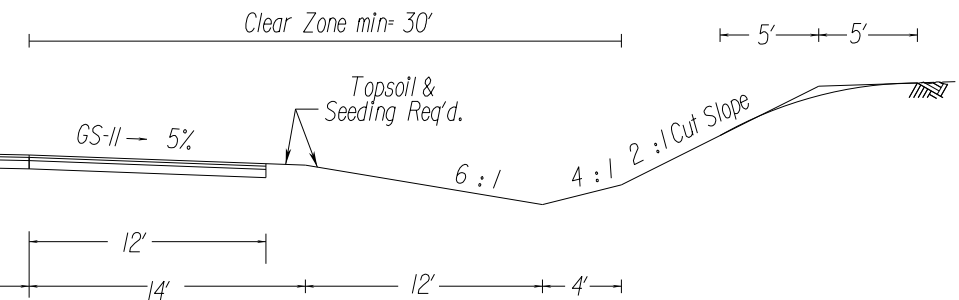
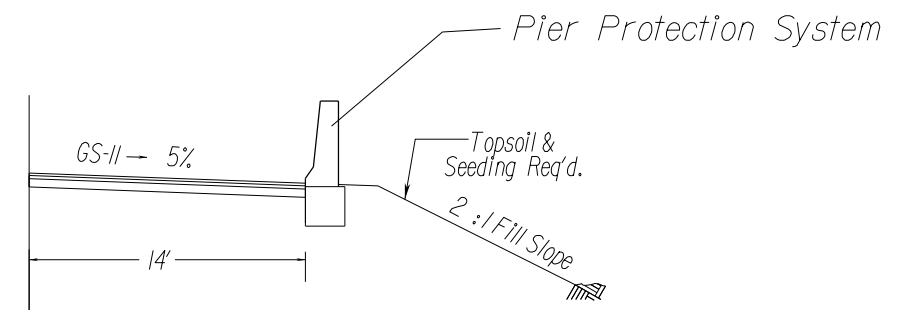
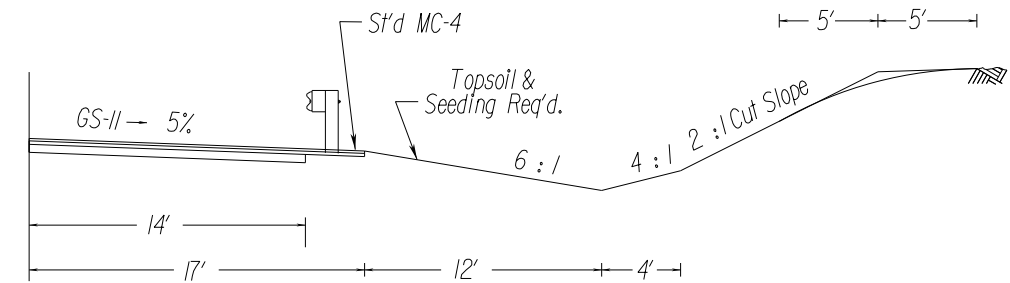
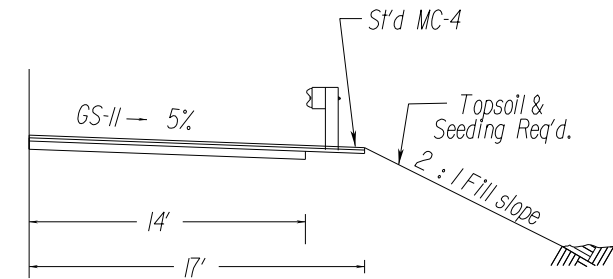
**RFP PLANS**

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

**TYPICAL SECTIONS**

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	95	0095-III-278 RW-201,C-501	2-0

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



I-95 NBL

Exist Pav.

Exist Pav.

Match Exist

GS-II - 5%

Station to Station  
Sta. 125+90.00 to Sta. 133+30.00

PROJECT MANAGER Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE Accumar, 3/18/16

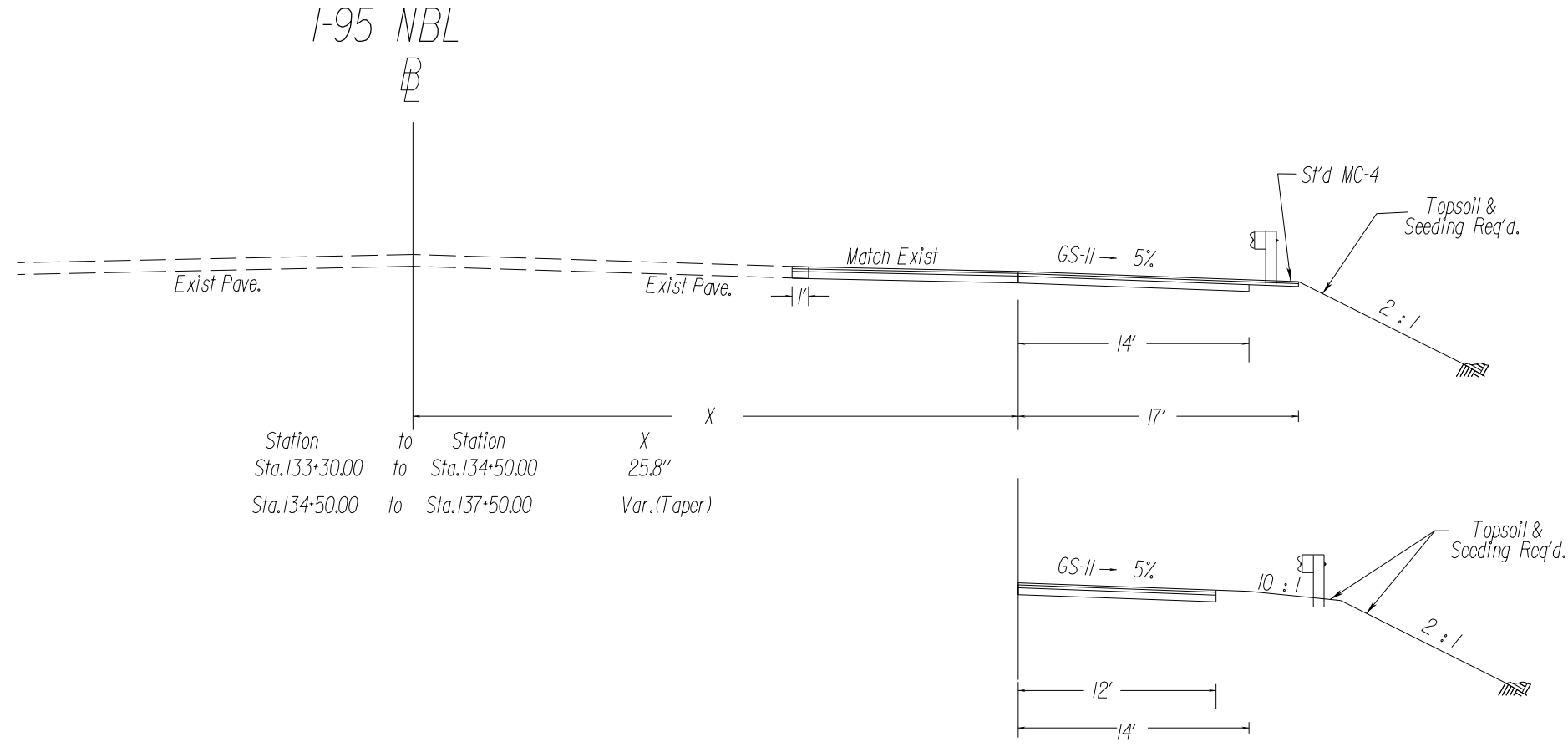
RFP PLANS

TYPICAL SECTIONS

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

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	95	0095-III-278 RW-201,C-501	2P

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



PROJECT MANAGER Mark C. Burris, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE Accumar, 3/18/16

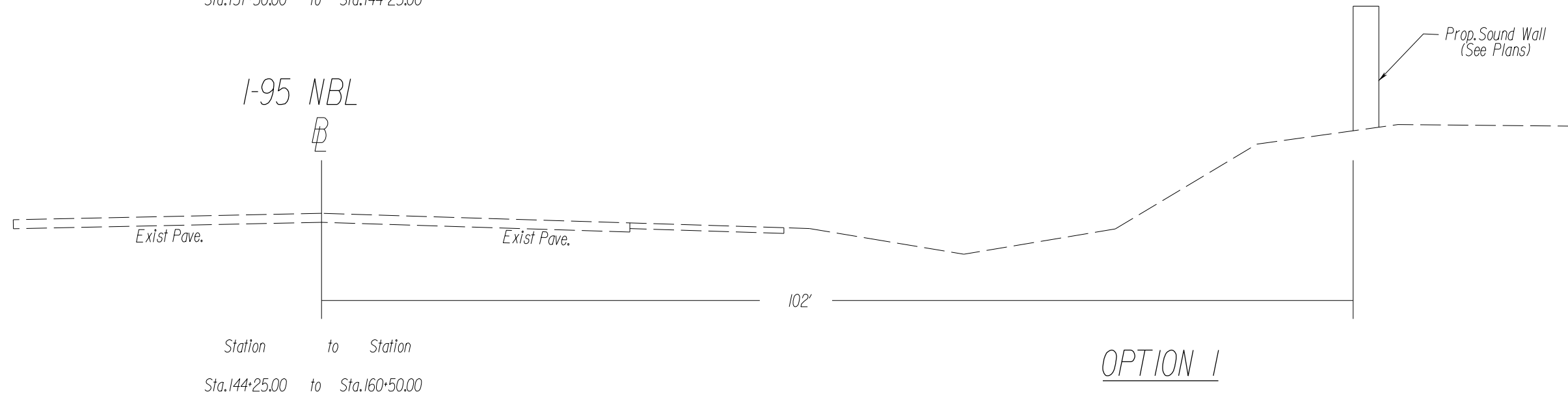
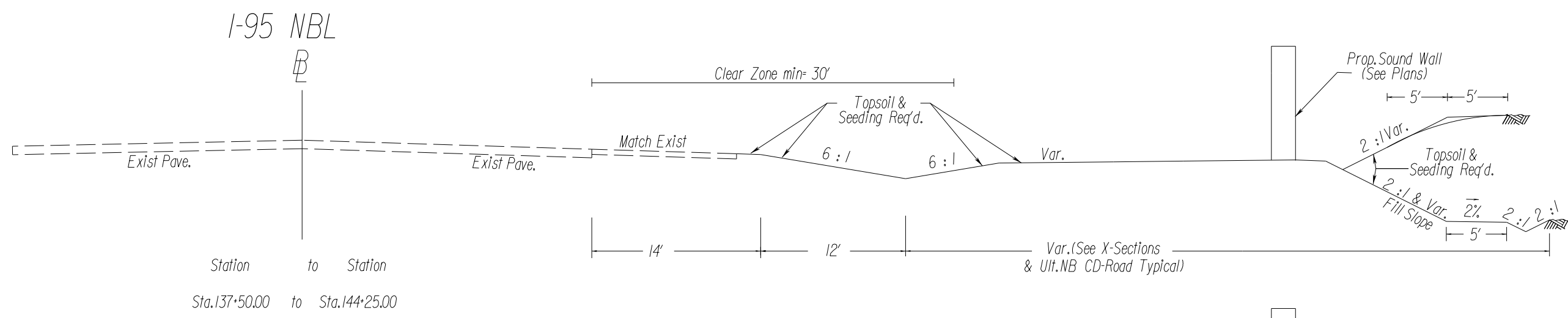
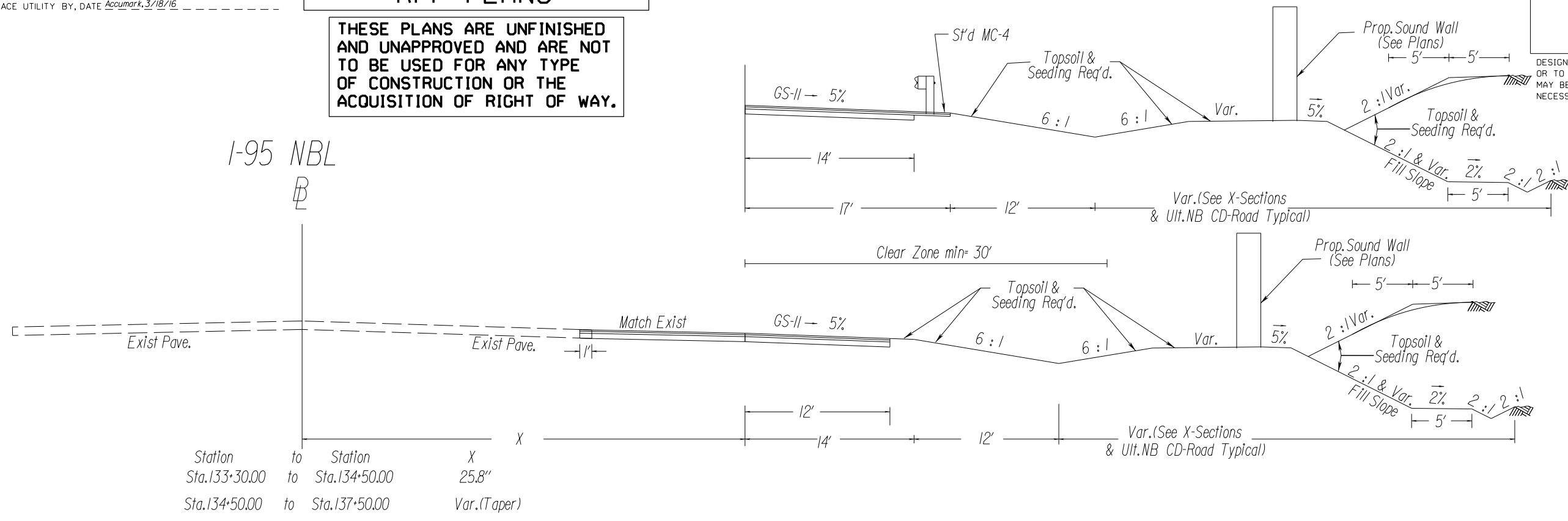
**RFP PLANS**

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

**TYPICAL SECTIONS**

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-III-278 RW-201.C-501	2P- OPT1

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



Sound Wall location is preliminary. Final Plan Design and Noise Analysis will determine wall size and location.

PROJECT	SHEET NO.
0095-III-278	2P-OPT1

PROJECT MANAGER: Byrd, Hollaway, P.E. (1540) 374-3367 (Fayetteville District)  
 SURVEYED BY: DATE: Bice & Associates  
 DESIGN BY: Jason Henry, P.E. (804) 786-5975 (Central Office)  
 SUBSURFACE UTILITY BY: DATE: Accumark, 3/18/16

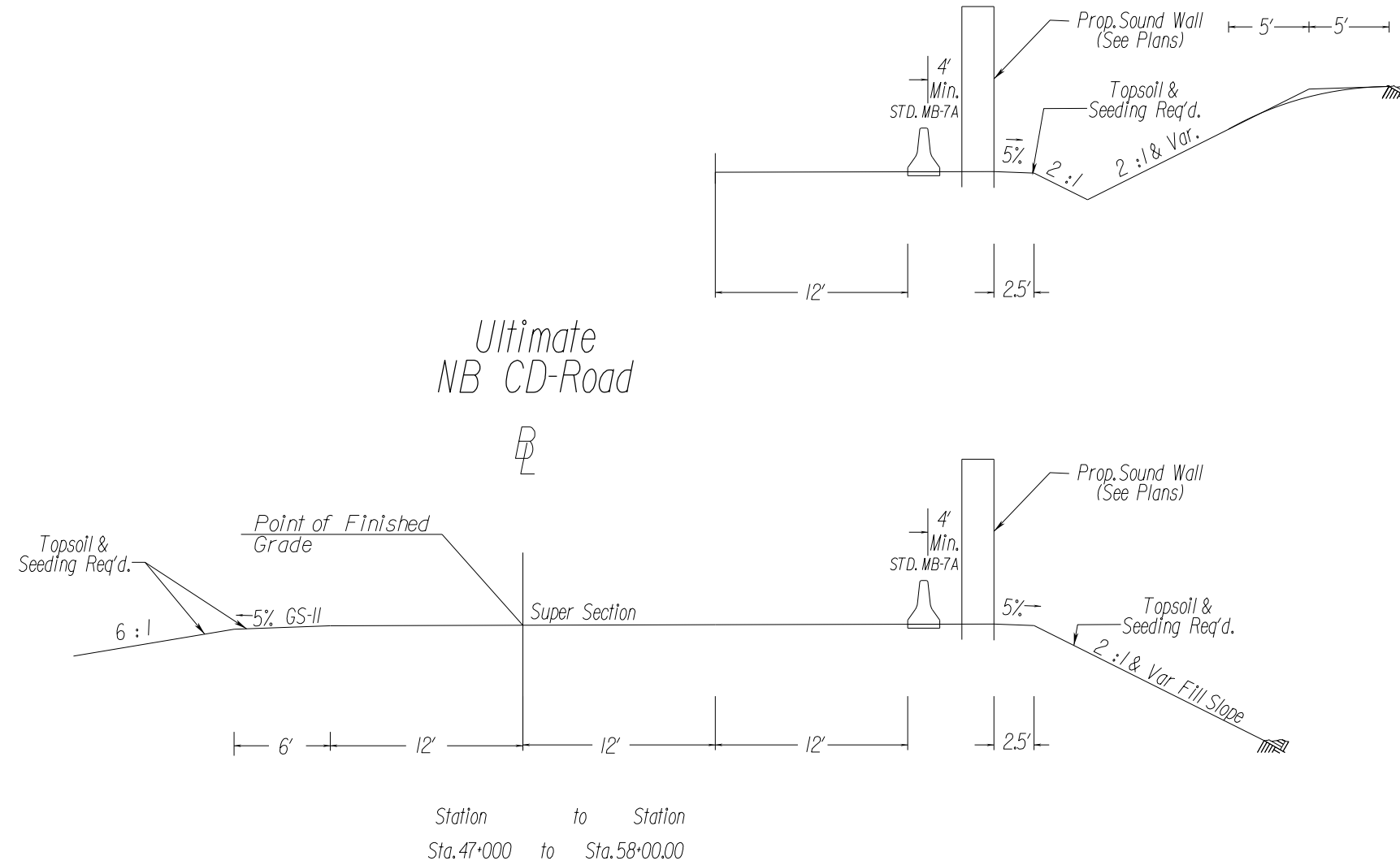
# TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	95	0095-III-278 RW-201C-501	20- OPT1

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

## RFP 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.**



*Sound Wall location is preliminary. Final Plan Design and Noise Analysis will determine wall size and location.*

PROJECT	SHEET NO.
0095-III-278	20-OPT1

PROJECT MANAGER Mark C. Buzzis, P.E.  
SURVEYED BY, DATE B/ce & Associates  
DESIGN BY GA/Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE Accumark, 3/18/16

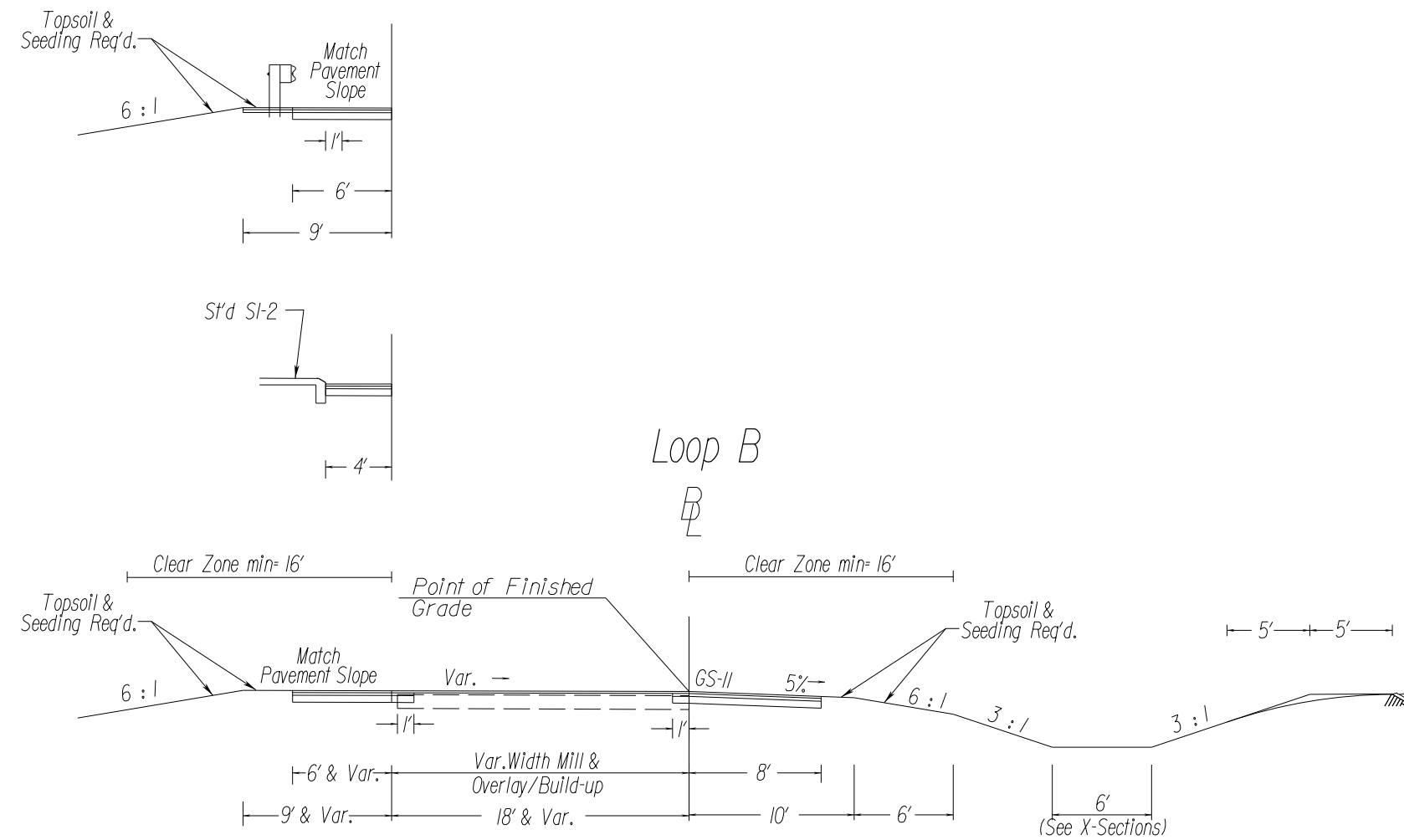
# TYPICAL SECTIONS

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	95	0095-111-278 RW-201,C-501	2R

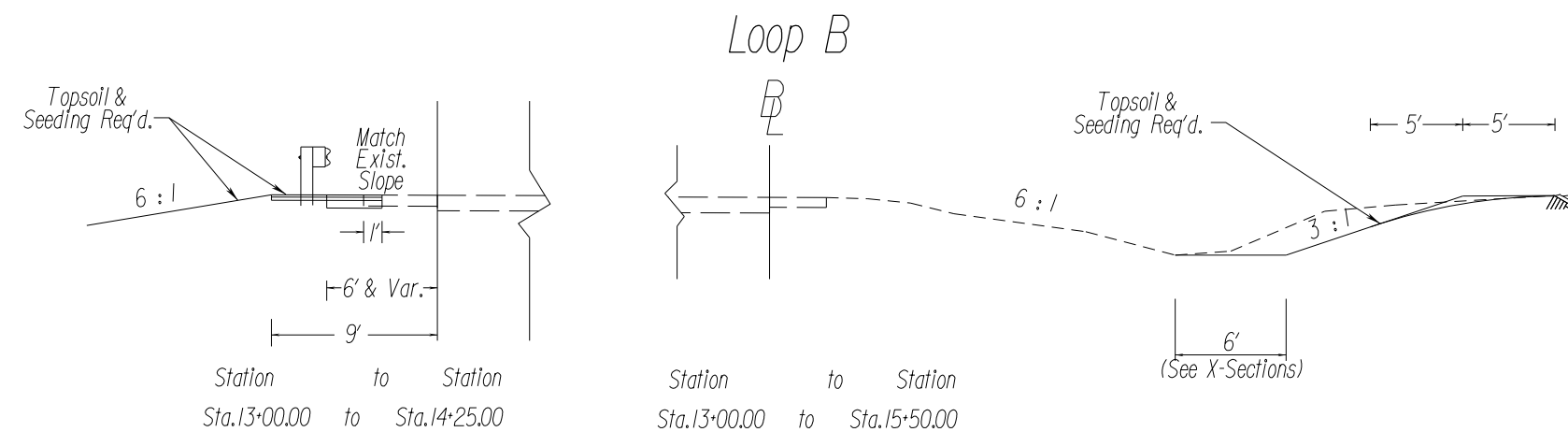
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

## RFP 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.



Station to Station  
Sta.10+000 to Sta.13+00.00



Station to Station  
Sta.13+00.00 to Sta.14+25.00

Station to Station  
Sta.13+00.00 to Sta.15+50.00

PROJECT MANAGER Mark C. Buzzr1s, P.E.  
SURVEYED BY, DATE B/ce & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE Accumar, 3/18/16

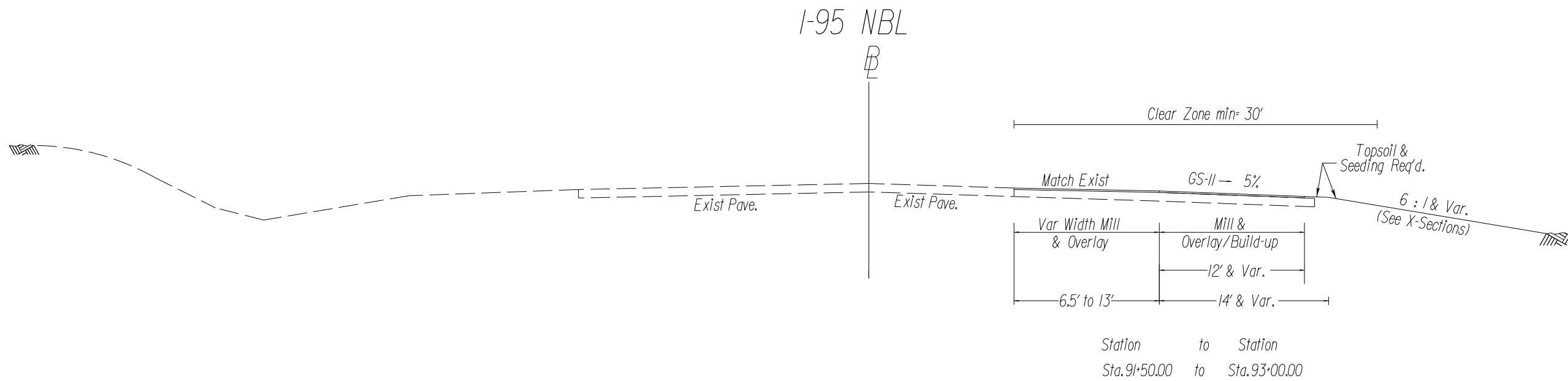
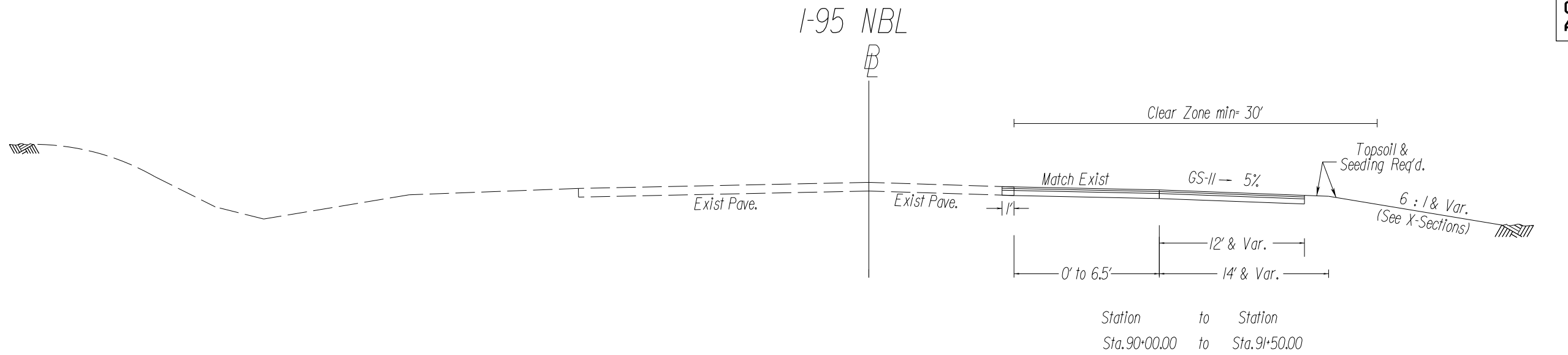
# TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	95	0095-111-278 RW-201,C-501	25

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

## RFP 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 Mark C. Burris, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE \_\_\_\_\_  
Utility Owners:

Gas: Columbia Gas  
Water and Sewer: City of Fredericksburg  
Department of Public Works  
Bassam Amin  
City of Fredericksburg  
P.O. Box 7447  
Fredericksburg, VA 22404  
(540)-372-1023 ext. 251  
bamin@fredericksburgva.gov

Power: Dominion Virginia Power  
Susan Smith  
7500 West Broad Street  
Richmond, VA 23294  
Mobile: (804)-839-9960  
susan.s.smith@dom.com

Telecomm: Comcast (CMC)  
Mark Sheriff  
4391 Dale Blvd  
Woodbridge, VA 22193  
(804)-385-6664  
Mark\_Sheriff@comcast.com

Verizon (VZN)  
William (Bill) Lacy  
Verizon Project Designer / Highway Relocations  
9401 Peabody Street Manassas, VA 20110  
office (703)-369-9571 fax (703)-330-7323  
cell (540)-520-1905  
william.lacy@verizon.com

SummitIG (SIG)  
Steve Ragland  
22375 Broadrick Dr.  
Suite 165  
Dulles, VA 20166  
(804)-317-4483  
sragland@summitig.com

Cox Communications (COX)  
James Cummings  
1310 Belman Road  
Fredericksburg, VA 22401  
(517)-237-8596  
James.Cummings@cox.com

PEG Bandwidth (PEG)  
Michael Llamas  
8532 Skip Jack Pl  
Pasadena, MD 21122  
(443)-827-1786  
mllamas@pegbandwidth.com

Sidera Networks (SID)  
Rick Stransky  
(801)-669-4175

Curve ROUTE 3-1  
PI = 25+39.20  
DELTA = 22° 33' 21.6" (RT)  
D = 2' 00' 55"  
T = 566.95'  
L = 119.22'  
R = 2,843.00'  
PC = 19+72.25  
PT = 30+91.47

Curve SLIPRPB2  
PI = 309+56.77  
DELTA = 1° 44' 05.52" (RT)  
D = 0' 58' 19"  
T = 89.24'  
L = 178.47'  
R = 5,894.15'  
PC = 308+67.52  
PT = 310+45.99  
E = Normal Crown  
V-25 MPH

Curve SLIPRPB1  
PI = 305+25.04  
DELTA = 50° 34' 59.25" (RT)  
D = 18° 07' 54"  
T = 149.32'  
L = 278.98'  
R = 316.00'  
PC = 303+75.72  
PT = 306+54.70  
E = 6.3%  
V-25 MPH

Denotes Survey Obscured Areas

Denotes Construction Limits in Cuts

Denotes Construction Limits in Fills

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

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

Denotes var. mill and overlay/build-up of existing pavement

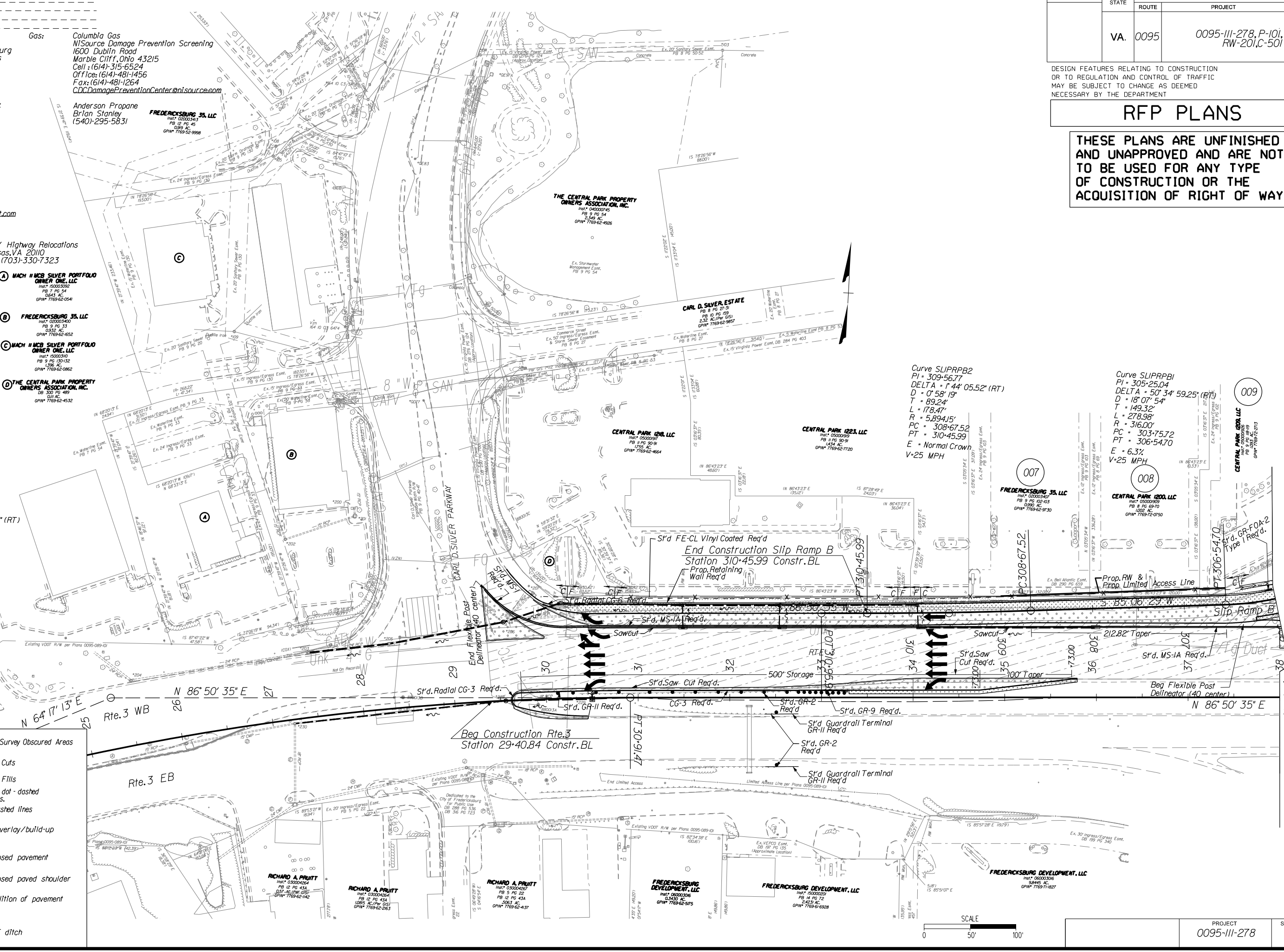
Denotes area of proposed pavement

Denotes area of proposed paved shoulder

Denotes area of demolition of pavement

Denotes ditch

Denotes flat bottom of ditch



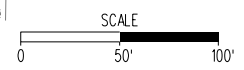
**RFP PLANS**

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

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	0095	0095-III-278, P-101, RW-201, C-501	3

PROJECT	SHEET NO.
0095-III-278	3

Matchline Sta. 38+00.00 Sheet 4



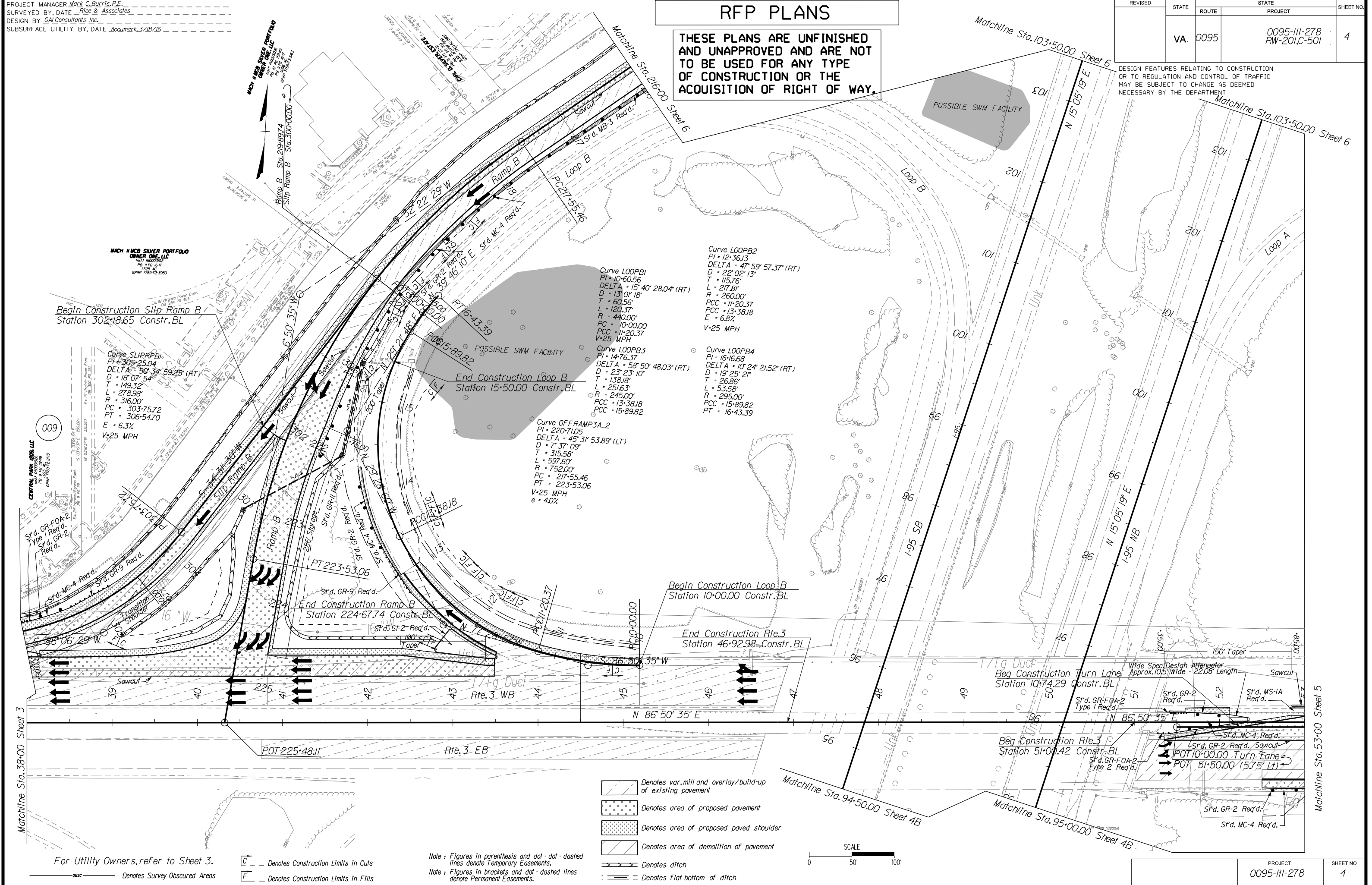
PROJECT MANAGER Mark C. Burris, P.E.  
SURVEYED BY DATE Rice & Associates  
DESIGN BY GAI Consultants Inc.  
SUBSURFACE UTILITY BY DATE AccuMark\_3/18/16

# RFP PLANS

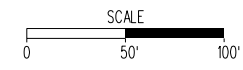
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	0095	0095-III-278 RW-201C-501	4

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



For Utility Owners, refer to Sheet 3.  
--- Denotes Survey Obscured Areas  
C --- Denotes Construction Limits In Cuts  
E --- Denotes Construction Limits In Fills





PROJECT MANAGER Mark C. Burris, P.E.  
SURVEYED BY DATE Rice & Associates  
DESIGN BY GAL Consultants Inc.  
SUBSURFACE UTILITY BY DATE Accurmark 3/18/16

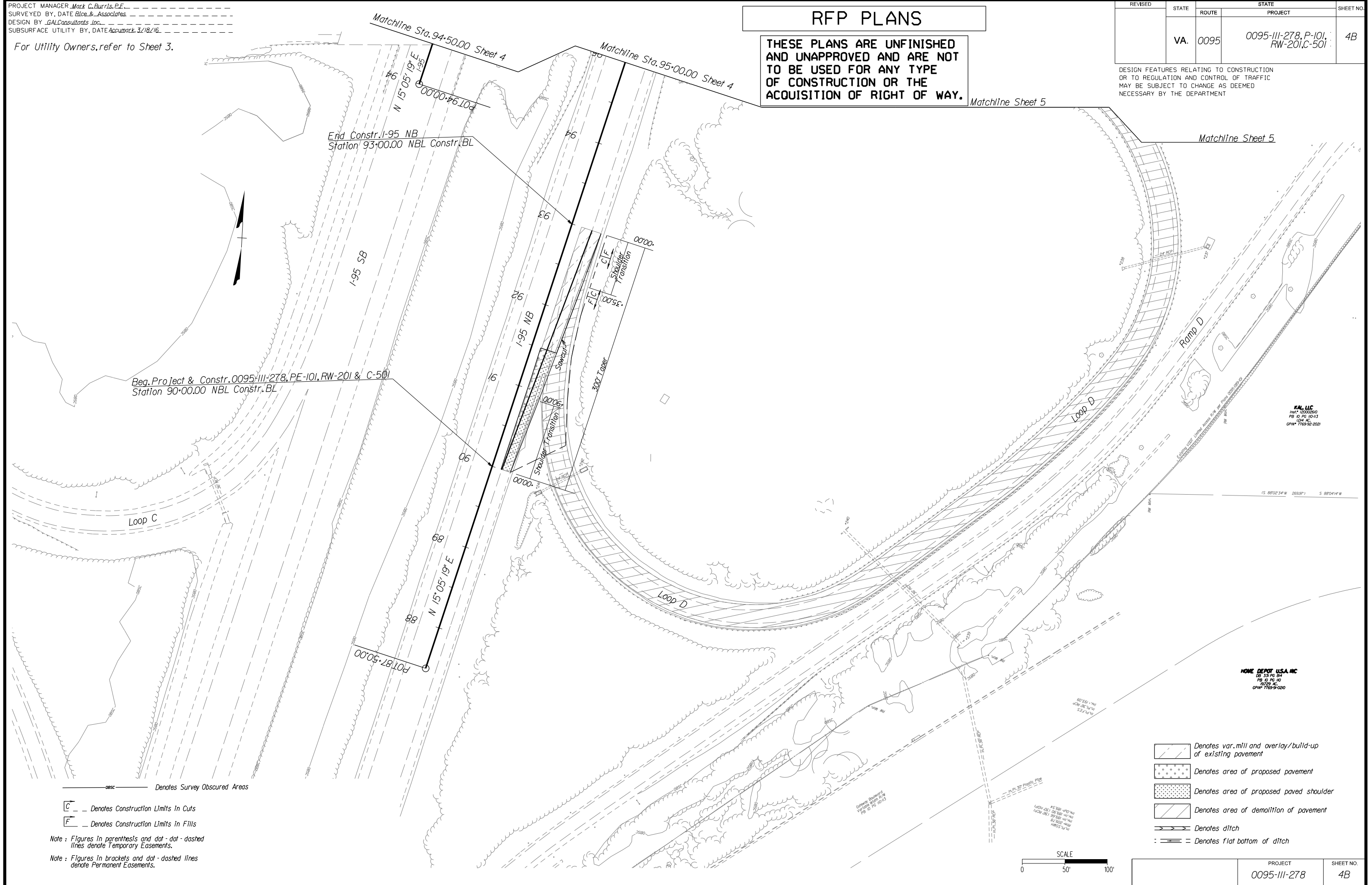
For Utility Owners, refer to Sheet 3.

# RFP PLANS

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

REVISED	STATE		PROJECT	SHEET NO.
	STATE	ROUTE		
	VA.	0095	0095-III-278, P-101, RW-201, C-501	4B

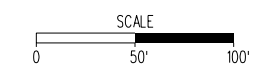
DESIGN FEATURES RELATING TO CONSTRUCTION  
OR TO REGULATION AND CONTROL OF TRAFFIC  
MAY BE SUBJECT TO CHANGE AS DEEMED  
NECESSARY BY THE DEPARTMENT



KAL, LLC  
INC# 15002660  
PB 10 PG 10-13  
TBM AC  
GPM# 1769-92-2021

HOME DEPOT USA, INC  
DB 151 PG 04  
PB 10 PG 10  
SHEET AC  
GPM# 1769-92-020

- Denotes var. mill and overlay/build-up of existing pavement
- Denotes area of proposed pavement
- Denotes area of proposed paved shoulder
- Denotes area of demolition of pavement
- Denotes ditch
- Denotes flat bottom of ditch



PROJECT	SHEET NO.
0095-III-278	4B

PROJECT MANAGER Mark C. Burris, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAL Consultants Inc.  
SUBSURFACE UTILITY BY, DATE Accumark 3/18/16

For Utility Owners, refer to Sheet 3.

REVISED	STATE		SHEET NO.
	ROUTE	PROJECT	
	VA.	0095	0095-III-278, P-101, RW-201, C-501
			5

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

### RFP 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.**

**C** - Denotes Construction Limits in Cuts  
**F** - Denotes Construction Limits in Fills  
Note: Figures in parenthesis and dot-dot-dashed lines denote Temporary Easements.  
Note: Figures in brackets and dot-dashed lines denote Permanent Easements.

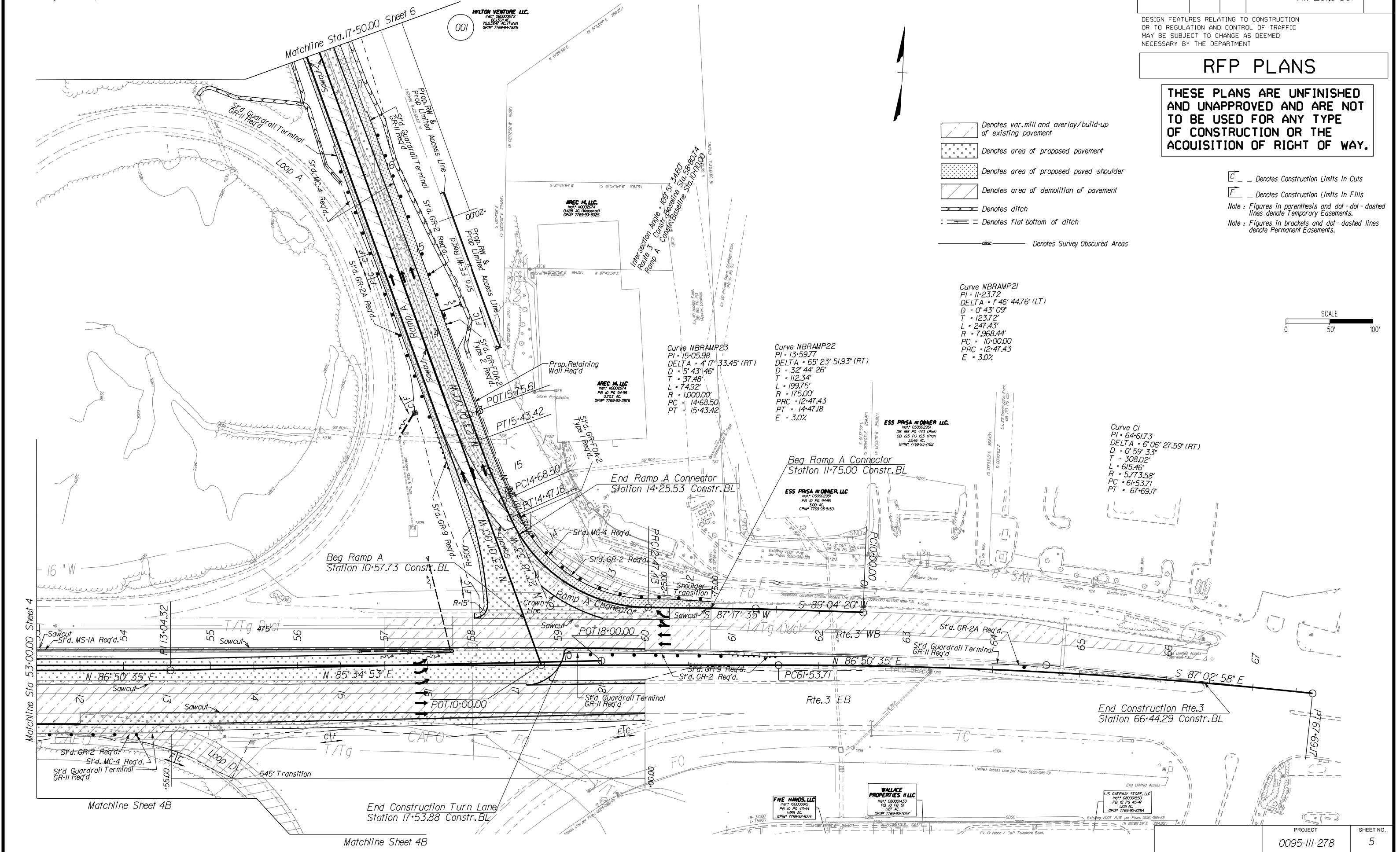
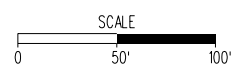
- Denotes var. mill and overlay/build-up of existing pavement
- Denotes area of proposed pavement
- Denotes area of proposed paved shoulder
- Denotes area of demolition of pavement
- Denotes ditch
- Denotes flat bottom of ditch
- Denotes Survey Obscured Areas

Curve NBRAMP21  
PI = 11-23.72  
DELTA = 146° 44.76' (LT)  
D = 0' 43' 09"  
T = 123.72'  
L = 247.43'  
R = 7.968.44'  
PC = 10-00.00  
PRC = 12-47.43  
E = 3.0%

Curve NBRAMP23  
PI = 15-05.98  
DELTA = 417° 33.45' (RT)  
D = 5' 43' 46"  
T = 37.48'  
L = 74.92'  
R = 1,000.00'  
PC = 14-68.50  
PT = 15-43.42

Curve NBRAMP22  
PI = 13-59.77  
DELTA = 65° 23' 51.93' (RT)  
D = 32' 44' 26"  
T = 112.34'  
L = 199.75'  
R = 175.00'  
PRC = 12-47.43  
PT = 14-47.18  
E = 3.0%

Curve C1  
PI = 64-61.73  
DELTA = 6° 06' 27.59' (RT)  
D = 0' 59' 33"  
T = 308.02'  
L = 615.46'  
R = 5,773.58'  
PC = 61-53.71  
PT = 67-69.17



Matchline Sta 53+00.00 Sheet 4

Matchline Sta. 17+50.00 Sheet 6

Matchline Sheet 4B

End Construction Turn Lane Station 17+53.88 Constr. BL

Matchline Sheet 4B

PROJECT MANAGER Mark C. Buzzis, P.E.  
SURVEYED BY, DATE Rice & Associates  
DESIGN BY GAI Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE Accurmark 3/18/16

# RFP PLANS

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

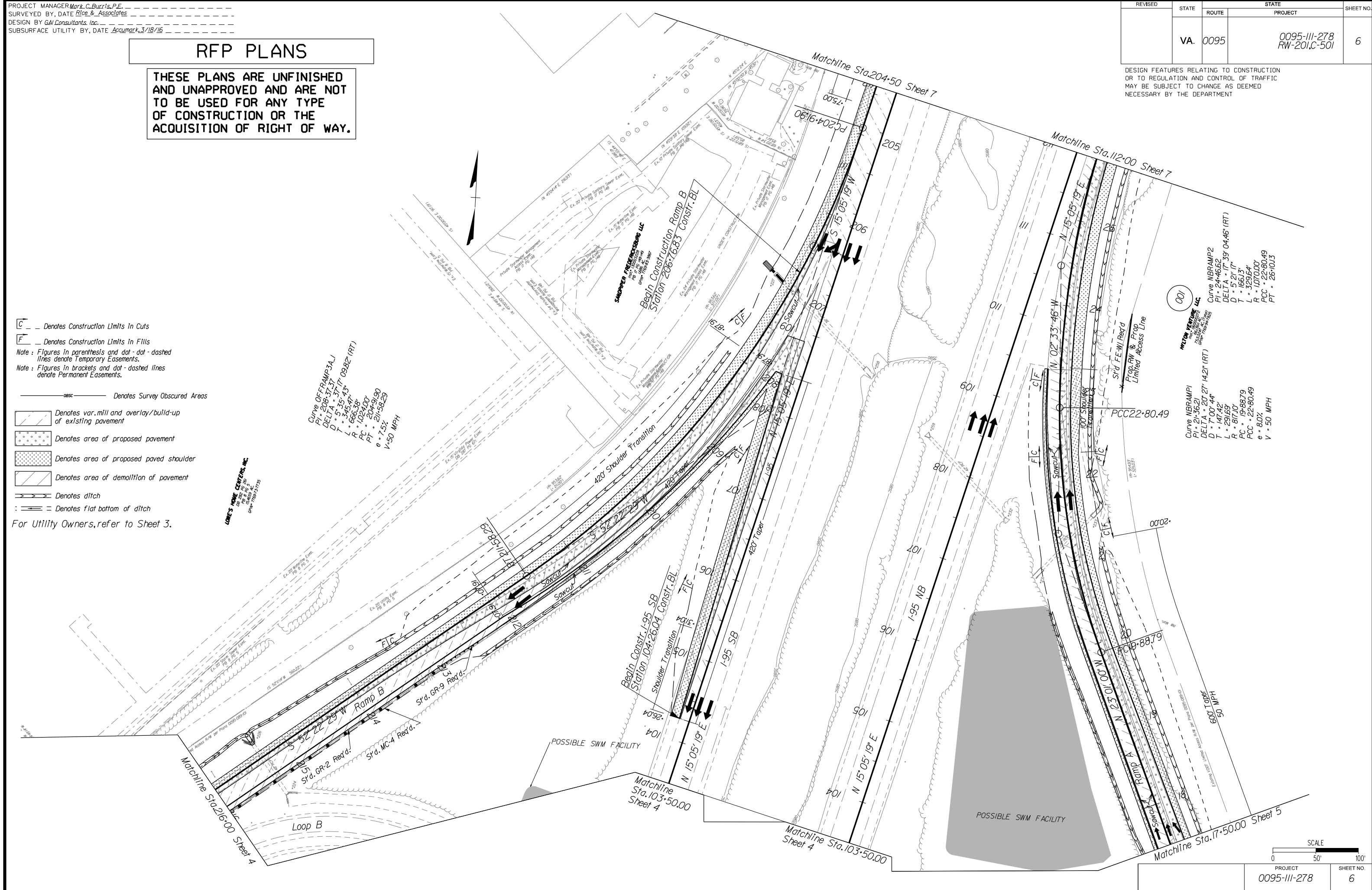
REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	0095	0095-III-278 RW-201,C-501	6

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

- Denotes Construction Limits In Cuts
  - Denotes Construction Limits In Fills
  - Note: Figures in parenthesis and dot-dashed lines denote Temporary Easements.
  - Note: Figures in brackets and dot-dashed lines denote Permanent Easements.
  - Denotes Survey Obscured Areas
  - Denotes var. mill and overlay/build-up of existing pavement
  - Denotes area of proposed pavement
  - Denotes area of proposed paved shoulder
  - Denotes area of demolition of pavement
  - Denotes ditch
  - Denotes flat bottom of ditch
- For Utility Owners, refer to Sheet 3.

Curve OFFRAMP 3AJ  
PI = 208+37.37  
DELT A = 37° 09' 58" (RT)  
D = 141.37  
T = 57.35  
L = 66.55  
R = 102.400'  
PC = 204+91.90  
PT = 211+58.29  
e = 7.5%  
V = 50 MPH

Curve NBRAMP2  
PI = 24+46.62  
DELT A = 17° 39' 04.46" (RT)  
D = 147.42  
T = 29.69  
L = 329.64  
R = 1070.00'  
PC = 22+80.49  
PT = 26+101.3  
e = 8.0%  
V = 50 MPH



PROJECT MANAGER - Mark C. Buzzis, P.E.  
SURVEYED BY, DATE - Rice & Associates  
DESIGN BY - GA/Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE - Accurmark, 3/18/16

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	0095	0095-III-278, P-101, RW-201,C-501	7

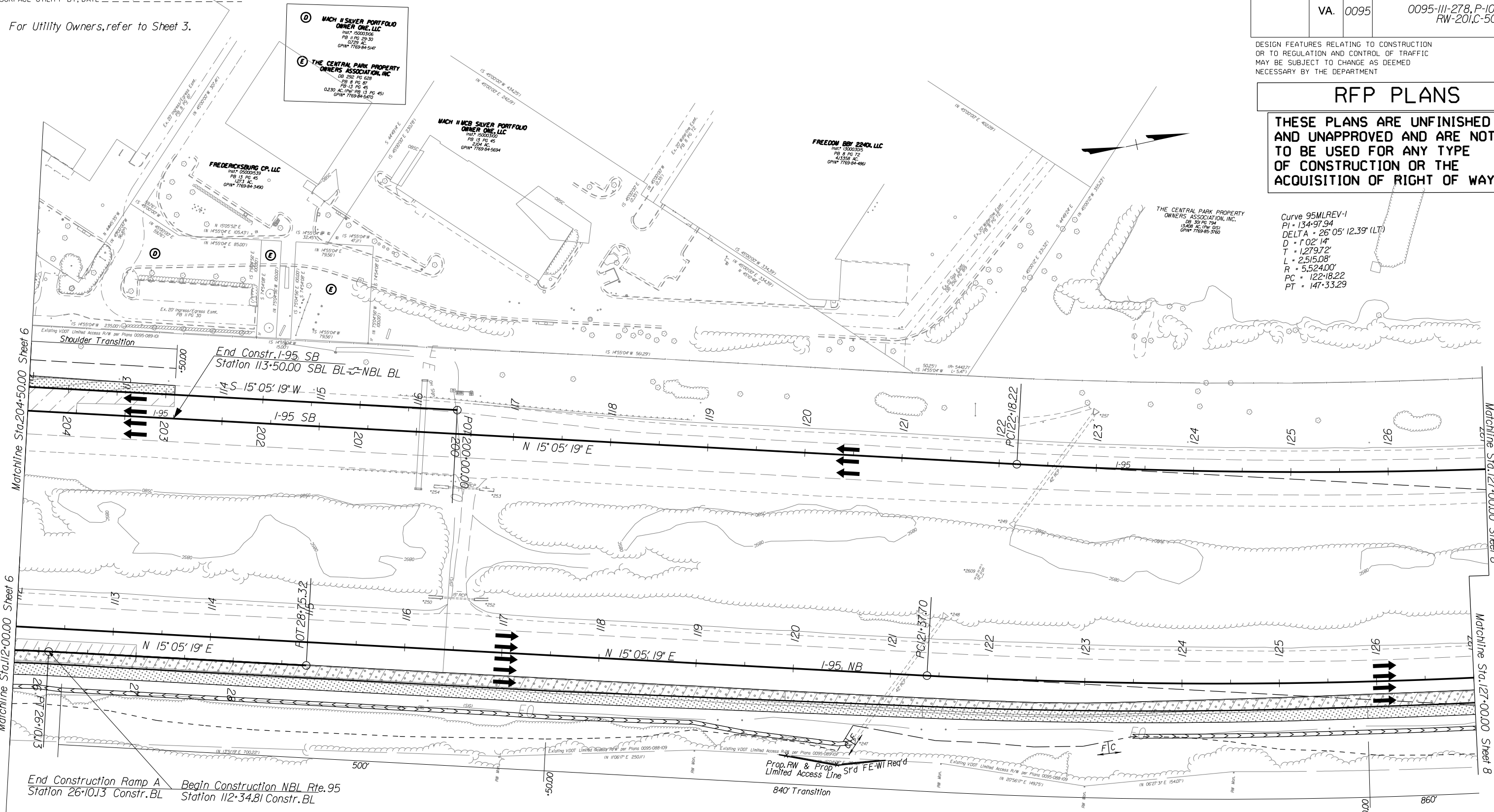
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

### RFP 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.

Curve 95MLREV-1  
PI = 134+97.94  
DELTA = 26° 05' 12.39" (LT)  
D = 1' 02' 14"  
T = 1279.72'  
L = 2,515.08'  
R = 5,524.00'  
PC = 122+18.22  
PT = 147+33.29

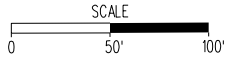
For Utility Owners, refer to Sheet 3.



End Construction Ramp A Station 26+10.13 Constr. BL  
Begin Construction NBL Rte. 95 Station 112+34.81 Constr. BL

- obsc — Denotes Survey Obscured Areas
  - Denotes var. mill and overlay/build-up of existing pavement
  - Denotes area of proposed pavement
  - Denotes area of proposed paved shoulder
  - Denotes area of demolition of pavement
  - Denotes ditch
  - Denotes flat bottom of ditch
  - Denotes Construction Limits in Cuts
  - Denotes Construction Limits in Fills
- Note: Figures in parenthesis and dot-dot-dashed lines denote Temporary Easements.  
Note: Figures in brackets and dot-dashed lines denote Permanent Easements.

Curve 95NB2  
PI = 134+27.46  
DELTA = 25° 59' 04.76" (LT)  
D = 1' 01' 30"  
T = 1289.76'  
L = 2,535.16'  
R = 5,590.00'  
PC = 121+37.70  
PT = 146+72.86



PROJECT	SHEET NO.
0095-III-278	7

PROJECT MANAGER - Mark C. Buzzis, P.E.  
SURVEYED BY, DATE - Rice & Associates  
DESIGN BY - GA/Consultants, Inc.  
SUBSURFACE UTILITY BY, DATE - Accurmark, 3/18/16

REVISION	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	0095	0095-III-278, P-101, RW-201, C-501	7- OPT1

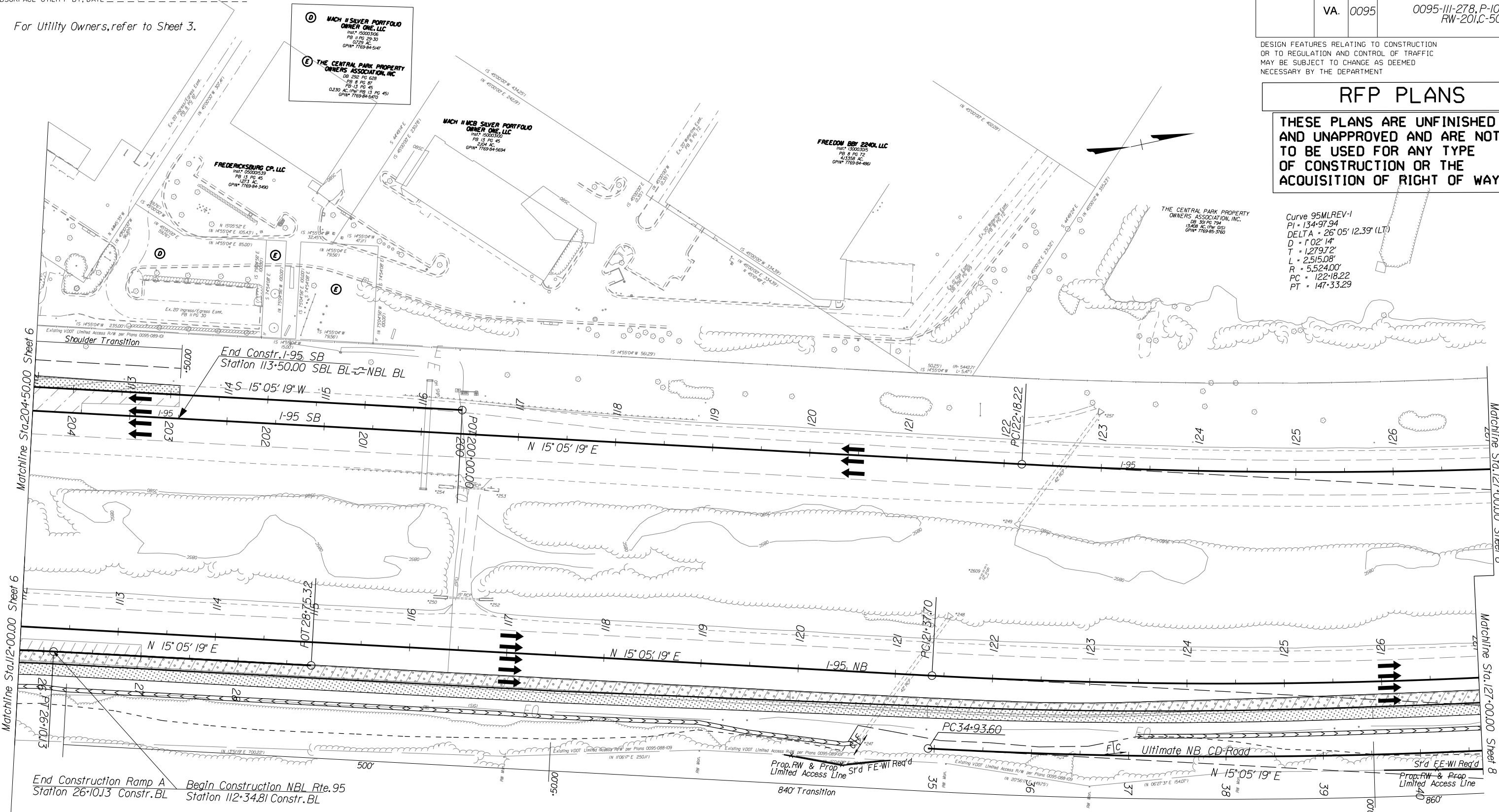
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

### RFP 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.

Curve 95MLREV-1  
PI - 134+97.94  
DELTA - 26° 05' 12.39" (LT)  
D - 1' 02' 14"  
T - 1,279.72'  
L - 2,515.08'  
R - 5,524.00'  
PC - 122+18.22  
PT - 147+33.29

For Utility Owners, refer to Sheet 3.



C - Denotes Construction Limits in Cuts  
F - Denotes Construction Limits in Fills  
Note: Figures in parenthesis and dot-dash lines denote Temporary Easements.  
Note: Figures in brackets and dot-dash lines denote Permanent Easements.

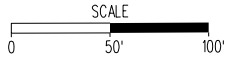
- obsc — Denotes Survey Obscured Areas
- Denotes var. mill and overlay/build-up of existing pavement
- Denotes area of proposed pavement
- Denotes area of proposed paved shoulder
- Denotes area of demolition of pavement
- Denotes ditch
- Denotes flat bottom of ditch

MILTON VENTURE LLC  
150312073  
661361 AC  
75333647 AC (T1041)  
GPN# 7769-947825

001

Ultimate CD-Road  
Curve CDWALL22  
PI - 41+22.02  
DELTA - 12° 39' 35.70" (LT)  
D - 1' 00' 41"  
T - 628.42'  
L - 1,251.72'  
R - 5,665.00'  
PC - 34+93.60  
PCC - 47+45.32

Curve 95NB2  
PI - 134+27.46  
DELTA - 25° 59' 04.76" (LT)  
D - 1' 01' 30"  
T - 1,289.76'  
L - 2,535.16'  
R - 5,590.00'  
PC - 121+37.70  
PT - 146+72.86



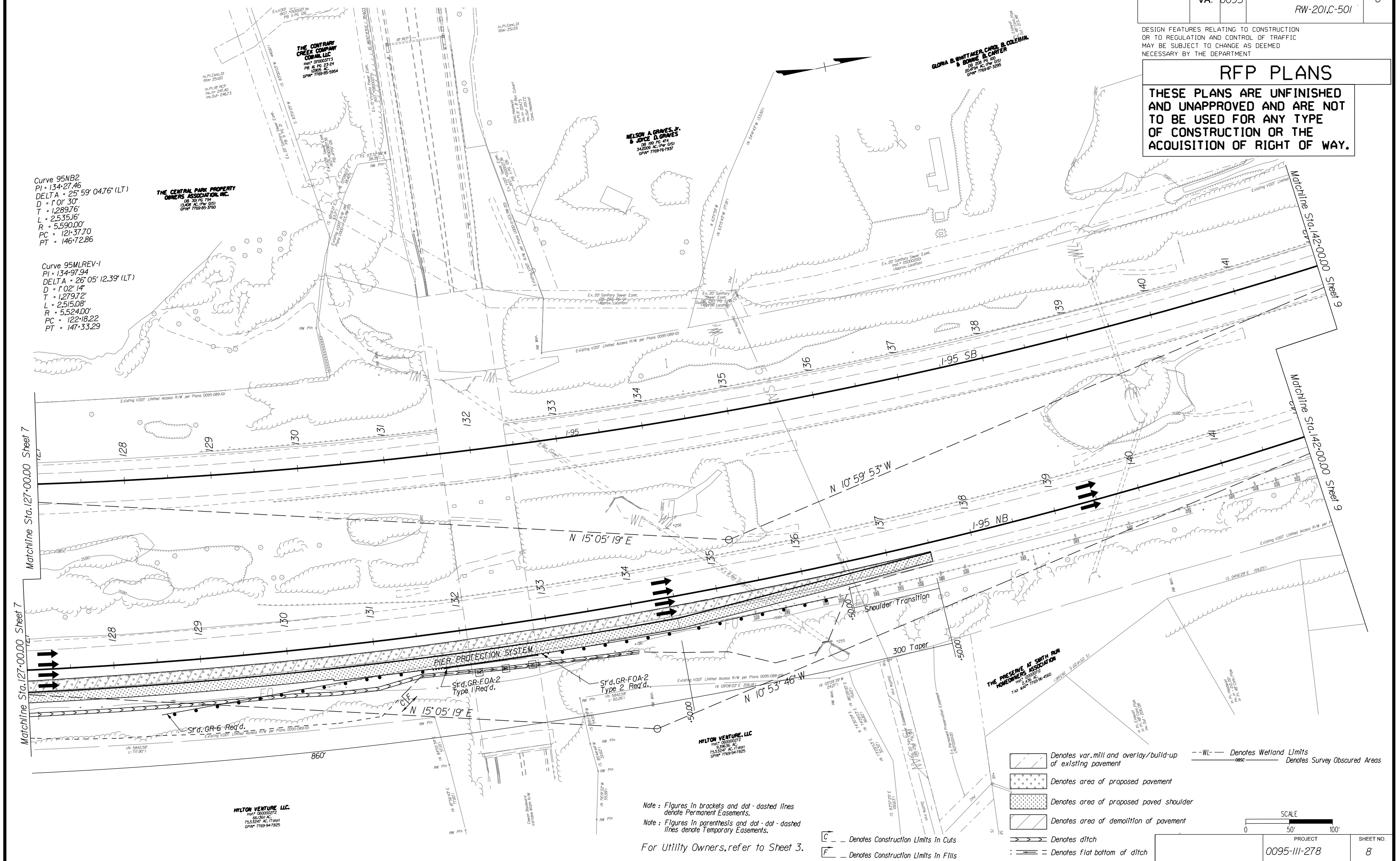
PROJECT	SHEET NO.
0095-III-278	7- OPT1

PROJECT MANAGER - Mark C. Burris, P.E.  
 SURVEYED BY, DATE - Rice & Associates  
 DESIGN BY - GALConsultants Inc.  
 SUBSURFACE UTILITY BY, DATE - Accumark, 3/18/16

REVISION	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	0095	0095-III-278 RW-201,C-501	8

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

**RFP 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.



Curve 95NB2  
 PI = 134+27.46  
 DELTA = 25° 59' 04.76" (LT)  
 D = 1° 01' 30"  
 T = 1289.76'  
 L = 2535.16'  
 R = 5590.00'  
 PC = 121+37.70  
 PT = 146+72.86

Curve 95MLREV-1  
 PI = 134+97.94  
 DELTA = 26° 05' 12.39" (LT)  
 D = 1° 02' 14"  
 T = 1279.72'  
 L = 2515.08'  
 R = 5524.00'  
 PC = 122+18.22  
 PT = 147+33.29

**THE CENTRAL PARK PROPERTY OWNERS ASSOCIATION, INC.**  
 06/30/16 PG 794  
 L&A AC 1769-95-3760  
 GPM# 1769-95-3760

**THE CONTRARY CREEK COMPANY CORAL, LLC**  
 06/03/17 PG 2773  
 06/16/16 PG 23-24  
 10/26/16 PG 2772  
 GPM# 1769-95-9954

**NELSON A. GRAVES, JR. & JOYCE D. GRAVES**  
 06/09/16 PG 474  
 3/24/2016 AC 1769-95-9954  
 GPM# 1769-95-9954

**GLORIA B. WHITNER, CAROL B. COLEMAN, & BONNIE B. CARTER**  
 06/09/16 PG 400  
 2/24/16 AC 1769-95-9954  
 GPM# 1769-95-9954

**THE PRESERVE AT SMITH RUN HOMEOWNERS ASSOCIATION**  
 06/03/17 PG 2773  
 06/16/16 PG 23-24  
 10/26/16 PG 2772  
 GPM# 1769-95-9954

**MILTON VENTURE, LLC**  
 06/03/17 PG 2773  
 06/16/16 PG 23-24  
 10/26/16 PG 2772  
 GPM# 1769-94-7825

Note: Figures in brackets and dot-dashed lines denote Permanent Easements.  
 Note: Figures in parenthesis and dot-dashed lines denote Temporary Easements.  
 For Utility Owners, refer to Sheet 3.

	Denotes var. mill and overlay/build-up of existing pavement		Denotes Wetland Limits
	Denotes area of proposed pavement		Denotes Survey Obscured Areas
	Denotes area of proposed paved shoulder		
	Denotes area of demolition of pavement		
	Denotes ditch		
	Denotes Construction Limits In Cuts		
	Denotes Construction Limits In Fills		

SCALE  
 0 50' 100'

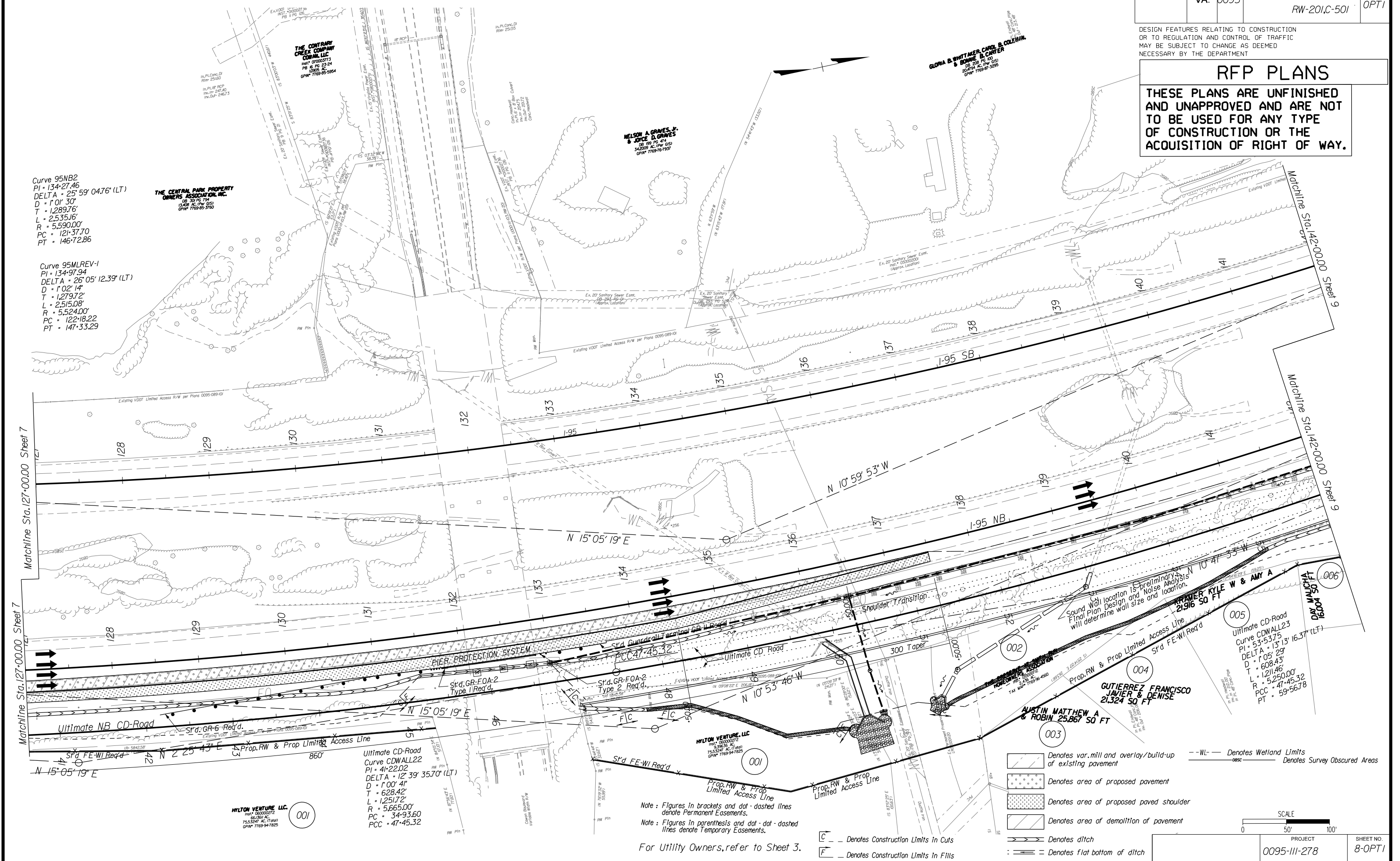
PROJECT	SHEET NO.
0095-III-278	8

PROJECT MANAGER - Mark C. Burris, P.E.  
SURVEYED BY, DATE - Rice & Associates  
DESIGN BY - GALConsultants Inc.  
SUBSURFACE UTILITY BY, DATE - Accumark, 3/18/16

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	0095	0095-III-278 RW-201,C-501	8- OPT1

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

**RFP 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.



Curve 95NB2  
PI = 134-27.46  
DELTA = 25° 59' 04.76" (LT)  
D = 1' 01' 30"  
T = 1289.76'  
L = 2535.16'  
R = 5590.00'  
PC = 121-37.70  
PT = 146-72.86

Curve 95MLREV-1  
PI = 134-97.94  
DELTA = 26° 05' 12.39" (LT)  
D = 1' 02' 14"  
T = 1279.72'  
L = 2515.08'  
R = 5524.00'  
PC = 122-18.22  
PT = 147-33.29

Ultimate CD-Road  
Curve CDWALL22  
PI = 41-22.02  
DELTA = 12° 39' 35.70" (LT)  
D = 1' 00' 41"  
T = 628.42'  
L = 1251.72'  
R = 5665.00'  
PC = 34-93.60  
PCC = 47-45.32

Ultimate CD-Road  
Curve CDWALL23  
PI = 53-53.75  
DELTA = 13° 13' 16.37" (LT)  
D = 1' 05' 29"  
T = 608.43'  
L = 1211.46'  
R = 5250.00'  
PCC = 47-45.32  
PT = 59-56.78

PRIMER KYLE W & AMY A  
21,916 SQ FT

GUTIERREZ FRANCISCO  
JAVIER & DENISE  
21,324 SQ FT

AUSTIN MATTHEW A  
& ROBIN  
25,867 SQ FT

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

For Utility Owners, refer to Sheet 3.

	Denotes var. mill and overlay/build-up of existing pavement		Denotes Wetland Limits
	Denotes area of proposed pavement		Denotes Survey Obscured Areas
	Denotes area of proposed paved shoulder		
	Denotes area of demolition of pavement		
	Denotes ditch		
	Denotes flat bottom of ditch		
	Denotes Construction Limits In Cuts		
	Denotes Construction Limits In Fills		

SCALE  
0 50' 100'

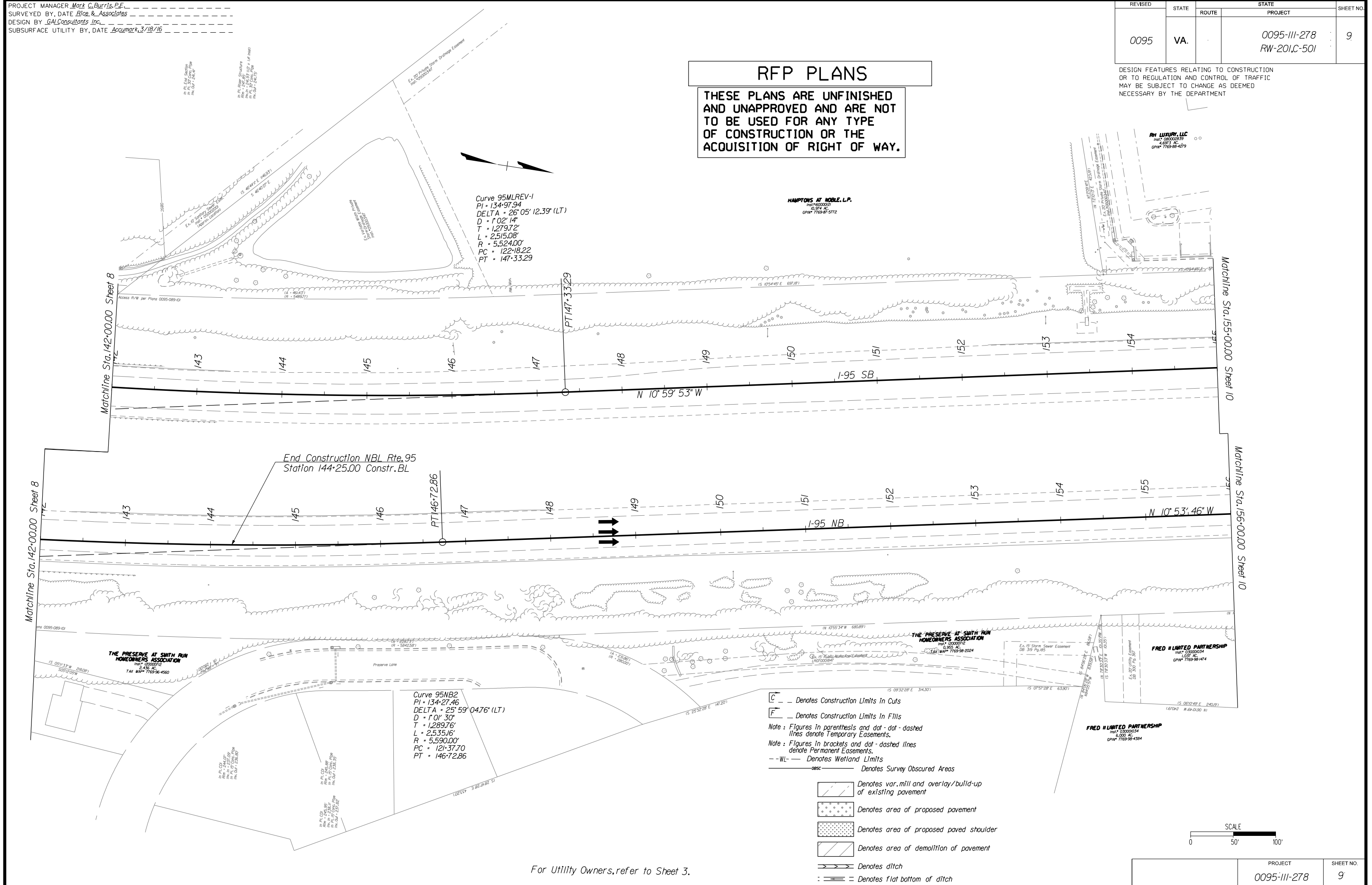
PROJECT MANAGER Mark C. Burris, P.E.  
SURVEYED BY, DATE Blair & Associates  
DESIGN BY GAI Consultants Inc.  
SUBSURFACE UTILITY BY, DATE Accumark, 3/18/16

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
0095	VA.		0095-III-278 RW-201C-501	9

**RFP 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.**

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



For Utility Owners, refer to Sheet 3.

PROJECT	SHEET NO.
0095-III-278	9



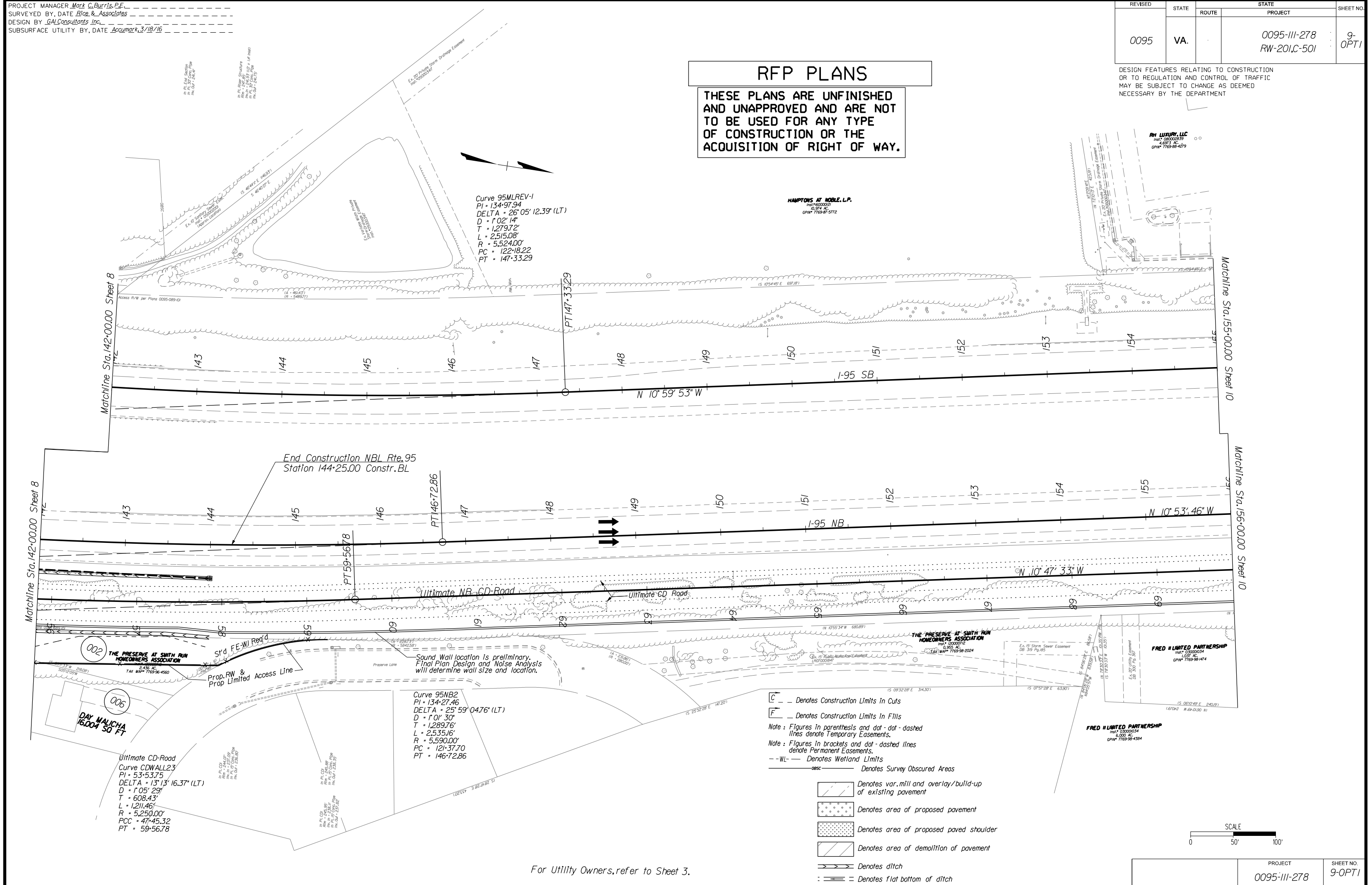
PROJECT MANAGER: Mark C. Burris, P.E.  
SURVEYED BY, DATE: Bice & Associates  
DESIGN BY: GAI Consultants Inc.  
SUBSURFACE UTILITY BY, DATE: Accumark, 3/18/16

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
0095	VA.		0095-III-278 RW-201C-501	9- OPT1

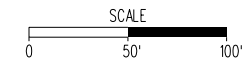
**RFP PLANS**

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

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



- C** — Denotes Construction Limits in Cuts
- F** — Denotes Construction Limits in Fills
- Note: Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.
- Note: Figures in brackets and dot - dashed lines denote Permanent Easements.
- WL- Denotes Wetland Limits
- asc- Denotes Survey Obscured Areas
- Denotes var. mill and overlay/build-up of existing pavement
- Denotes area of proposed pavement
- Denotes area of proposed paved shoulder
- Denotes area of demolition of pavement
- Denotes ditch
- Denotes flat bottom of ditch



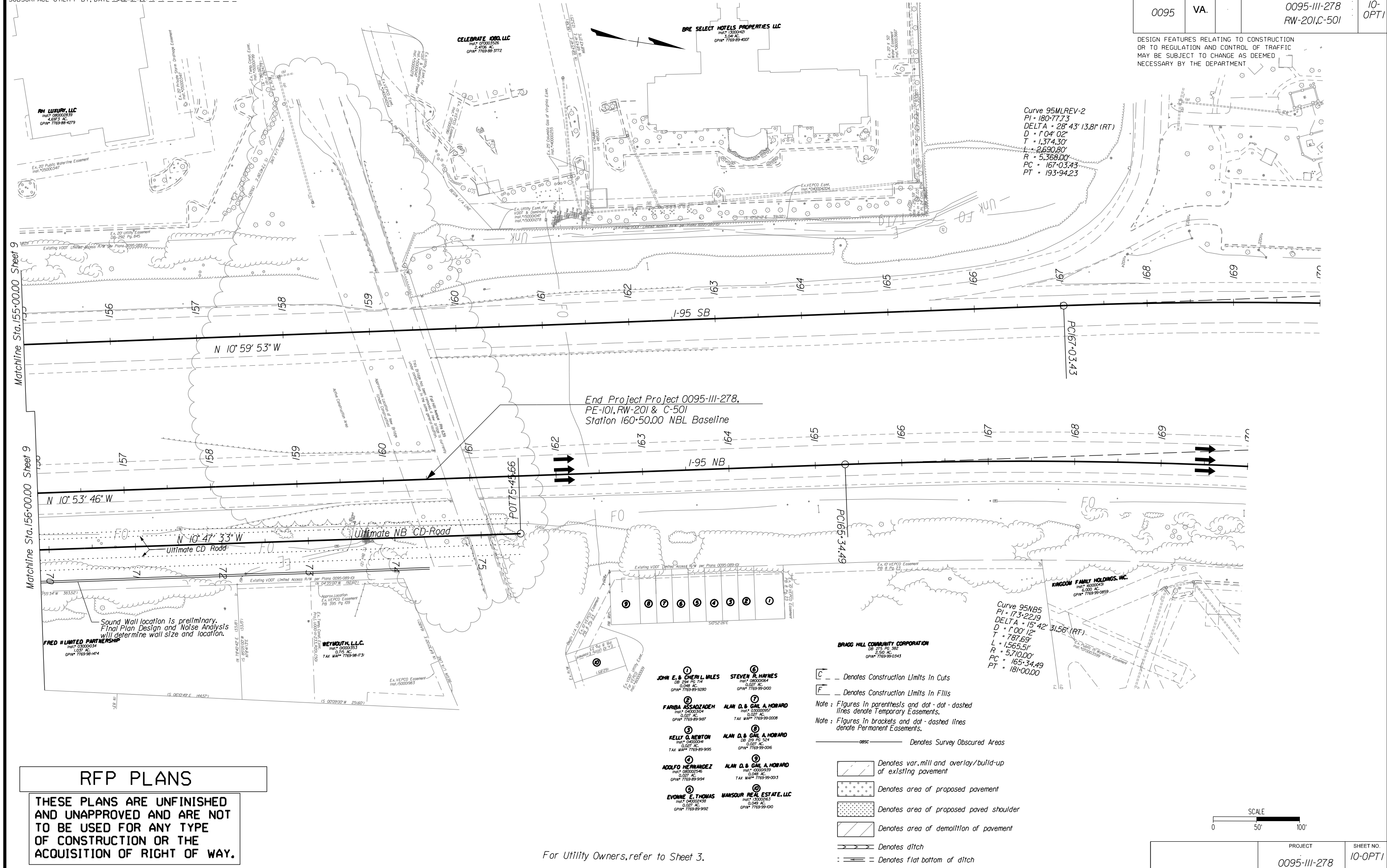
For Utility Owners, refer to Sheet 3.

PROJECT	SHEET NO.
0095-III-278	9- OPT1

PROJECT MANAGER: Mark C. Burris, P.E.  
SURVEYED BY: DATE: Bice & Associates  
DESIGN BY: GAI Consultants Inc.  
SUBSURFACE UTILITY BY: DATE: Accumark, 3/18/16

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
0095	VA.		0095-III-278 RW-201.C-501	10- OPT1

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



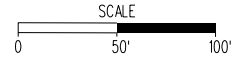
Curve 95MLREV-2  
PI = 180+77.73  
DELTA = 28° 43' 13.8" (RT)  
D = 1° 04' 02"  
T = 1374.30'  
L = 2690.80'  
R = 5368.00'  
PC = 167+03.43  
PT = 193+94.23

Curve 95NB5  
PI = 173+22.19  
DELTA = 15° 42' 31.56" (RT)  
D = 1° 00' 12"  
T = 787.69'  
L = 1565.51'  
R = 5710.00'  
PC = 165+34.49  
PT = 181+00.00

- 1 JOHN E. & CHERYL MILES  
DB 254 PG 714  
0.048 AC  
GPM# 1769-89-9280
- 2 FARBA ASSADZADEH  
INT# 14430184  
0.027 AC  
GPM# 1769-89-9087
- 3 KELLY D. NEWTON  
INT# 14033014  
0.027 AC  
TAX MAP# 1769-89-9095
- 4 ADOLFO HERNANDEZ  
INT# 13002546  
0.027 AC  
GPM# 1769-89-9094
- 5 EYONNE E. THOMAS  
INT# 042002438  
0.027 AC  
GPM# 1769-89-9092
- 6 STEVEN R. HAYNES  
INT# 082000064  
0.027 AC  
GPM# 1769-99-0100
- 7 ALAN D. & GAIL A. HOWARD  
INT# 032000057  
0.027 AC  
TAX MAP# 1769-99-0208
- 8 ALAN D. & GAIL A. HOWARD  
DB 229 PG 504  
0.029 AC  
GPM# 1769-99-0206
- 9 ALAN D. & GAIL A. HOWARD  
INT# 020002939  
0.048 AC  
TAX MAP# 1769-99-0203
- 10 MANSOUR REAL ESTATE, LLC  
INT# 130002063  
0.048 AC  
GPM# 1769-99-0100

--- Denotes Construction Limits in Cuts  
--- Denotes Construction Limits in Fills  
Note: Figures in parenthesis and dot-dot-dashed lines denote Temporary Easements.  
Note: Figures in brackets and dot-dashed lines denote Permanent Easements.

- Denotes Survey Obscured Areas
- Denotes var. mill and overlay/build-up of existing pavement
- Denotes area of proposed pavement
- Denotes area of proposed paved shoulder
- Denotes area of demolition of pavement
- Denotes ditch
- Denotes flat bottom of ditch



**RFP 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.

For Utility Owners, refer to Sheet 3.

PROJECT	SHEET NO.
0095-III-278	10- OPT1



## PRICE PROPOSAL

### **I-95 Safety Improvements at Route 3 | A Design-Build Project**

FROM: 0.115 Miles South of Int. Route 3 | TO: 1.220 Miles North of Int. Route 3

State Project No.: 0095-111-278

Federal Project No.: OC-095-2(535)

Contract ID Number: C00107715DB91

January 4, 2017



SUBMITTED BY:



in association with



gai consultants

ATTACHMENT 4.0.1.2

**DESIGN-BUILD PRICE PROPOSAL  
CHECKLIST**

**Addendum No. 3**

Project Name: I-95 Safety Improvements at Route 3

Contract ID Number: C00107715DB91

---

➤ Contents of Price Proposal:

- Cost Breakdown Summary in whole numbers and the Proposal Price, in both numbers and words which is the sum (Total Price) for the Base Scope and Option 1 (Attachment 4.3.1)**
  - Price Adjustment Information and Forms for Fuel and Asphalt for the Base Scope and Option 1, including identification of pay items and associated quantities eligible for adjustment (Part 3, Section 6.3, and Attachments 6.3)**
  - Proposal Guaranty (C-24) required by Section 102.07 of Part 5, Division I Amendments to the Standard Specifications for the Base Scope and Option 1**
  - 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**
-

# 4.3.1

## *Cost Breakdown Summary & Proposal Price*

**ATTACHMENT 4.3.1**

**PRICE PROPOSAL FORM**

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

Price Proposal Cost Breakdown Summary;

**A. Base Scope**

Design Services, LS	\$ 1,835,000
Construction Services (exclude QA/QC), LS	\$ 14,635,500
Quality Assurance (QA) (Construction), LS	\$ 737,500
Quality Control (QC) (Construction), LS	\$ 520,000
All Other Costs, LS	\$ 172,000
Base Scope – Subtotal	\$ 17,900,000

**B. Option 1**

Design Services, LS	\$ 434,000
Construction Services (exclude QA/QC), LS	\$ 3,416,000
Quality Assurance (QA) (Construction), LS	\$ 40,000
Quality Control (QC) (Construction), LS	\$ 40,000
All Other Costs, LS	\$ 60,000
Option 1 – Subtotal	\$ 3,990,000

**Total Proposal Price (Base Scope Subtotal + Option 1 Subtotal);** (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): Twenty one million eight hundred ninety thousand dollars (\$ 21,890,000)

Signature:  Date: 12.22.16

Design-Builder: Curtis Contracting Inc

Vendor No.: C333

# 4.3.2

## *Adjustments to Asphalt and Fuel Prices*

**Exhibit 6.3(b)**

Form C-16a  
August 9, 2013

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
ASPHALT PRICE ADJUSTMENT (PG76-22 or PG 70-28)  
DESIGN-BUILD PROJECTS**

**INSTRUCTIONS - This form is to be completed and returned ONLY when asphalt concrete items containing PG 76-22 or PG 70-28 is being utilized on the project.**

PROJECT NUMBER: 0095-111-278

DISTRICT: Fredericksburg

Bid Prices in this contract for items containing PG 76-22 or PG 70 asphalt cement were developed using a f.o.b. price of \$ 466.43 Per IMPERIAL ton for PG 76-22 or PG 70-28. This quote is project specific.

Price quotes signed by each supplier from which the Design-Builder proposes to obtain PG 76-22 or PG 70-28 shall be maintained by the Design-Builder. These quotes shall be retained on site during the life of the Contract for review by the Engineer upon request.

DATE: 12-07-2016

SIGNATURE:  \_\_\_\_\_

Curtis Contracting Inc

(Firm or Corporation)

C333

(Vendor No.)



---

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

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

June 30, 2011

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

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

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

In order to be eligible for fuel adjustment under this provision, the Design-Builder shall clearly identify in 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: 12-07-2016

Signature: 

Design-Builder: Curtis Contracting Inc

Vendor No.: C333

# 4.3.3

## *Proposal Guaranty*

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
PROPOSAL GUARANTY**

KNOW ALL MEN BY THESE PRESENTS, THAT WE Curtis Contracting, Inc. As principal, and Travelers Casualty and Surety Company of America 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 4th Day of January, 2017

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

PROJECT NUMBER: 0095-111-278

Federal Project No. OC-095-2(535) - Contract ID Number: C00107715DB91 - I-95 Safety Improvements at Route 3

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.

Curtis Contracting, Inc.

(Principal\*)

By: [Signature]  
(Officer, Partner or Owner) (Seal)

(Principal\*)

By: \_\_\_\_\_  
(Officer, Partner or Owner) (Seal)

(Principal\*)

By: \_\_\_\_\_  
(Officer, Partner or Owner) (Seal)

Travelers Casualty and Surety Company of America

(Surety Company)

By: [Signature]  
Terri Strawhand (Attorney-in-Fact\*\*)  
One Tower Square  
Hartford, CT 06183  
(Address)



By: \_\_\_\_\_  
(Surety Company)

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

By: \_\_\_\_\_  
(Address)

\*Note: If the principal is a *joint venture*, each party thereof must be named and execution made by same hereon. If there is more than one surety to the bid bond, each surety must be named and execution shall be made by same hereon.

**Electronic Bid Only:** In lieu of completing the above section of the Contract Performance Bond, the Principal shall file an Electronic Bid Bond when bidding electronically. By signing below the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the Commonwealth of Virginia under the same conditions of the bid bond as shown above.

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

\*\*Attach copy of Power of Attorney



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Surety Bond No. Bid Bond

Principal: Curtis Contracting, Inc.

OR

Project Description: Federal Project No. OC-095-2(535) - Contract ID Number:
C00107715DB91 - I-95 Safety Improvements at Route 3

Obligee: Virginia Department of Transportation

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc. is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint Terri Strawhand of the City of Virginia Beach, State of VA, their true and lawful Attorney-in-Fact, to sign, execute, seal and acknowledge the surety bond(s) referenced above.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 24th day of June, 2016.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut

City of Hartford ss.

By:

Handwritten signature of Robert L. Raney, Senior Vice President

On this the 24th day of June, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2021.



Handwritten signature of Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

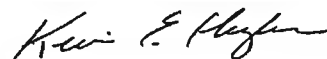
**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty 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 set my hand and affixed the seals of said Companies this 4th day of January, 2017.



Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at [www.travelersbond.com](http://www.travelersbond.com). Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

# 4.3.4

## *Sworn Statement Forms*

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

PROJECT: 0095-111-278, P101, R201, C501

FHWA: OC-095-2(535)

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 West Point, VA, this 7th day of December, 20 16  
County (City), STATE

Curtis Contracting Inc By: [Signature] Vice President  
(Name of Firm) (Signature) Title (print)

STATE of Virginia COUNTY (CITY) of New Kent

To-wit: Holly R. Paige, a Notary Public in and for the State and  
County(City) aforesaid, hereby certify that this day Stephen L. Ordnung

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.

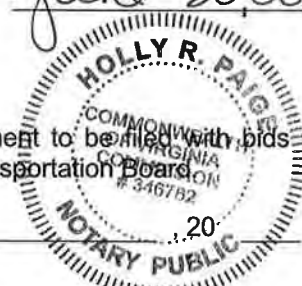
Subscribed and sworn to before me this 22nd day of December, 20 16  
[Signature] My Commission expires June 30, 2020  
Notary Public

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)







**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 West Point, VA, this 7th day of December, 20 16  
County (City), STATE

Curtis Contracting Inc  
(Name of Firm)

By: [Signature] Vice President  
(Signature) Title (print)

STATE of Virginia

COUNTY (CITY) of New Kent

To-wit: Holly R. Paige, a Notary Public in and for the State and  
County(City) aforesaid, hereby certify that this day Stephen L. Ordnung

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 22nd day of December, 20 16

Holly R. Paige  
Notary Public

My Commission expires 2020

