

RESPONSE TO REQUEST FOR PROPOSALS

Walney Road Bridge Replacement and Road Widening

A DESIGN-BUILD PROJECT

FROM: WESTFIELD BOULEVARD (ROUTE 6755) - TO: WILLARD ROAD (ROUTE 6215) AND

FROM: DALLAS STREET (ROUTE 745) - TO: 250 FEET NORTH OF DALLAS STREET

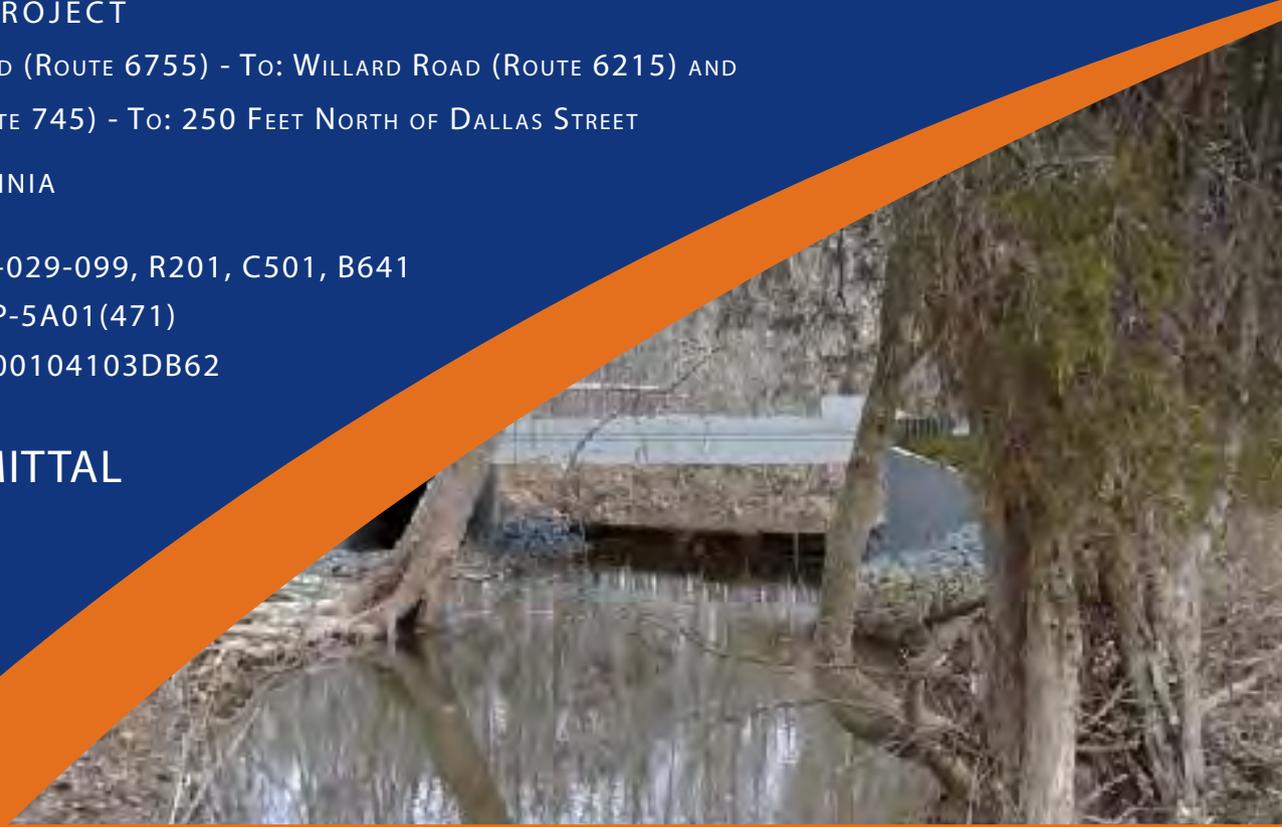
FAIRFAX COUNTY, VIRGINIA

State Project No.: 0657-029-099, R201, C501, B641

Federal Project No.: STP-5A01(471)

Contract ID Number: C00104103DB62

LETTER OF SUBMITTAL



SUBMITTED TO:



SUBMITTED BY:



IN ASSOCIATION WITH:



ATTACHMENT 4.0.1.1
WALNEY ROAD BRIDGE REPLACEMENT AND ROAD WIDENING
PROJECT NO. 0657-029-099, R201, C501, B641
LETTER OF SUBMITTAL CHECKLIST AND CONTENTS

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

Letter of Submittal Component	Form (if any)	RFP Part 1 Cross Reference	Page Reference
Letter of Submittal (LOS) Checklist and Contents	Attachment 4.0.1.1	Section 4.0.1.1	1-2
Acknowledgement of RFP, Revisions, and/or Addenda	Attachment 3.6 (Form C-78-RFP)	Sections 3.6; 4.0.1.1	3
Letter of Submittal	NA	Sections 4.1	4-5
Letter of Submittal on Offeror's letterhead	NA	Section 4.1.1	4
Offeror's full legal name and address	NA	Section 4.1.1	4
Authorized representative's original signature	NA	Section 4.1.1	5
Declaration of intent	NA	Section 4.1.2	4
120 day declaration	NA	Section 4.1.3	4
Point of Contact information	NA	Section 4.1.4	4
Principal Officer information	NA	Section 4.1.5	4
Final Completion Date	NA	Section 4.1.6	4
Executed Proposal Payment Agreement or Waiver of Proposal Payment	Attachment 9.3.1 Attachment 9.3.2	Section 4.1.7	6-9
Certification Regarding Debarment Forms	Attachment 11.8.6 (a) Attachment 11.8.6 (b)	Section 4.1.8	10-18
Written statement that Offeror's proposed concept included in the Attachments to the LOS is fully compliant with the Design	NA	Section 4.1.9	5

ATTACHMENT 4.0.1.1
WALNEY ROAD BRIDGE REPLACEMENT AND ROAD WIDENING
PROJECT NO. 0657-029-099, R201, C501, B641
LETTER OF SUBMITTAL CHECKLIST AND CONTENTS

Letter of Submittal Component	Form (if any)	RFP Part 1 Cross Reference	Page Reference
the Attachments to the LOS is fully compliant with the Design Criteria Table and all other requirements of the RFP			
Certification that the proposed limits of construction are located within the right-of-way limits shown on RFP plans	NA	Section 4.1.9	5
Written statement of percent DBE participation	NA	Section 4.1.10	5
Attachments to the Letter of Submittal	NA	Section 4.2	19-45
Confirmation that the information provided in the SOQ submittal remains true and accurate or indicates that any requested changes were previously approved by VDOT	NA	Section 4.2.1	19
Organizational chart with any updates since the SOQ submittal clearly identified	NA	Section 4.2.1	19
Revised narrative when organizational chart includes updates since the SOQ submittal	NA	Section 4.2.1	19
Conceptual Roadway Plans – Plan View	NA	Section 4.2.2	21-24
Conceptual Roadway Plans – Typical Sections	NA	Section 4.2.2	20
Conceptual Structural Plans – Elevation View	NA	Section 4.2.3	25
Conceptual Roadway Plans – Transverse Section	NA	Section 4.2.3	25
Conceptual Roadway Plans – Abutment Configuration	NA	Section 4.2.3	26
Proposal Schedule	NA	Section 4.2.4.1	27-39
Proposal Schedule Narrative	NA	Section 4.2.4.2	40-45
Proposal Schedule in electronic format (CD- or DVD-ROM)	NA	Section 4.2.4	N/A

ATTACHMENT 3.6

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

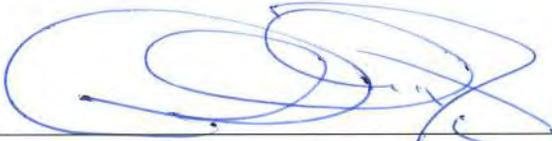
RFP NO. C00104103DB62
PROJECT NO.: 0657-029-099, R201, C501, B641

ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA

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

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

1. Cover letter of September 13, 2013 – RFP
(Date)
2. Cover letter of November 18, 2013 – Addendum #1
(Date)
3. Cover letter of December 18, 2013 – Addendum #2
(Date)



SIGNATURE

December 27, 2013

DATE

Michael E. Post

PRINTED NAME

President/CEO/Manager

TITLE



December 27, 2013

Mr. Kevin Reichert, PE
Virginia Department of Transportation
1401 East Broad Street
Richmond, VA 23219

RE: Walney Road Bridge Replacement and Road Widening
From: Westfield Boulevard (Route 6755) To: Willard Road Route 6215
And From: Dallas Street (Route 745) To: 250 Feet North of Dallas Street
Fairfax County, Virginia, Contract ID Number C00104103DB62
Section 4.1 - Letter of Submittal

Dear Mr. Reichert:

Shirley Contracting Company, LLC, (Shirley) 8435 Backlick Road, Lorton, Virginia 22079, as the Offeror, is pleased to submit this Proposal for the Walney Road Bridge Replacement and Road Widening Project (the Project) to the Virginia Department of Transportation (VDOT). Together with Dewberry Consultants, LLC as the Engineer of Record, we will provide VDOT and the traveling public with an unequalled level of assurance that the Project will be completed successfully and will exceed the priorities established.

Offeror's Intent: Should VDOT select Shirley for award of the Walney Road Bridge Replacement and Road Widening Project, Shirley will enter into a contract with VDOT for the Project in accordance with the terms of the Request for Proposal.

Declaration: The offer represented by our Proposal will remain in full force and effect for one hundred twenty (120) days from the date this Proposal is actually submitted to VDOT.

Our point of contact will be:

Mr. Garry A. Palleschi
Vice President
Shirley Contracting Company, LLC
8435 Backlick Road
Lorton, Virginia 22079
(P) 703-550-8100 (F) 703-550-7899
gpalleschi@shirleycontracting.com

The Principal Officer will be:

Mr. Michael E. Post
President/CEO
Shirley Contracting Company, LLC
8435 Backlick Road
Lorton, Virginia 22079
(P) 703-550-8100 (F) 703-550-7899
mpost@shirleycontracting.com

Final Completion Date: The Final Completion Date will be December 30, 2015

Proposal Payment Agreement: An executed Proposal Payment Agreement is included as an attachment to this Letter of Submittal.

Certification Regarding Debarment: Certification Regarding Debarment Forms are also included as an attachment to this Letter of Submittal.

The proposed project design concept that is included with this Letter of Submittal is fully compliant with the Design Criteria Table included in the RFP Technical Requirements (Part 2) as Attachment 2.2 and all other requirements of this RFP. We certify that the proposed limits of construction to include all stormwater management facilities are located within the right-of-way limits shown on the RFP plans with the exception of permanent and temporary easements and that our design concept does not require Design Exceptions and /or Design Waivers unless they are identified or included in the RFP or Addendum.

I am providing the following statement demonstrating our commitment to the project's DBE goals:

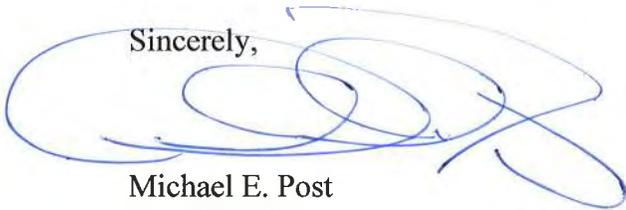
I personally commit to VDOT that Shirley will achieve a DBE participation goal of 14% for the entire value of the contract:



Michael E. Post
President/CEO/Manager
Shirley Contracting Company, LLC

On behalf of our Team, we thank the Virginia Department of Transportation for the opportunity to submit this Letter of Submittal in response to your Request for Proposals.

Sincerely,



Michael E. Post
President/CEO/Manager
Shirley Contracting Company, LLC

Attachments:
Proposal Payment Agreement
Certification Regarding Debarment Forms

ATTACHMENT 9.3.1
PROPOSAL PAYMENT AGREEMENT

THIS PROPOSAL PAYMENT AGREEMENT (this “Agreement”) is made and entered into as of this ____ day of _____, 20__, by and between the Virginia Department of Transportation (“VDOT”), and Shirley Contracting Company, LLC (“Offeror”).

WITNESSETH:

WHEREAS, Offeror is one of the entities who submitted Statements of Qualifications (“SOQs”) pursuant to VDOT’s **April 30, 2013** Request for Qualifications (“RFQ”) and was invited to submit proposals in response to a Request for Proposals (“RFP”) for the **Walney Road Bridge Replacement and Road Widening, Project No. 0657-029-099, R201, C501, B641** (“Project”), under a design-build contract with VDOT (“Design-Build Contract”); and

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

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

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

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

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

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

3. **Proposal Payment.** VDOT agrees to pay Offeror the lump sum amount of **Ten Thousand and 00/100 Dollars (\$10,000.00)** ("Proposal Payment"), which payment constitutes payment in full to Offeror for the conveyance of Offeror's Intellectual Property to VDOT in accordance with this Agreement. Payment of the Proposal Payment is conditioned upon: (a) Offeror's Proposal being, in the sole discretion of VDOT, responsive to the RFP; (b) Offeror complying with all other terms and conditions of this Agreement; and (c) either (i) Offeror is not awarded the Design-Build Contract, or (ii) VDOT cancels the procurement or decides not to award the Design-Build Contract to any Offeror.

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

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

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

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

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

9. **Miscellaneous.**

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

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

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

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

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

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

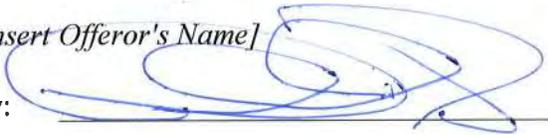
VIRGINIA DEPARTMENT OF TRANSPORTATION

By: _____

Name: _____

Title: _____

[Insert Offeror's Name]

By:  _____

Name: Michael E. Post

Title: President/CEO/Manager

ATTACHMENT 11.8.6(a)
CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS

Project No.: 0657-029-099, R201, C501, B641

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.

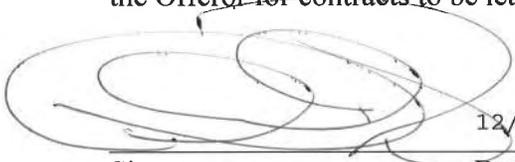
b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under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

	12/27/13	President/CEO/Manager
_____ Signature	_____ Date	_____ Title

Shirley Contracting Company, LLC

Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0657-029-099, R201, C501, B641

- 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.

Dave Mahoney 12/6/13 Executive Vice President
Signature Date Title

Dawberry Consultants LLC
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0657-029-099, R201, C501, B641

- 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.

	December 3, 2013	Present
Signature	Date	Title

Quinn Consulting Services, Inc.
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0657-029-099, R201, C501, B641

- 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.

	12/2/13	President
Signature	Date	Title

DIW Group, Inc. t/a Specialized Engineering
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0657-029-099, R201, C501, B641

- 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.

	12/02/2013	President
Signature	Date	Title

GeoConcepts Engineering, Inc.
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0657-029-099, R201, C501, B641

- 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.

 12/2/2013
Signature Date

President
Title

Diversified Property Services, Inc.
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0657-029-099, R201, C501, B641

- 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.

PRattRauhe 12-2-13 settlement officer
Signature Date Title

Old Dominion Settlements, Inc T/A Key Title
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0657-029-099, R201, C501, B641

- 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.

	12/2/13	Vice President
Signature	Date	Title

Quantum Spatial
Name of Firm

4.2 ATTACHMENTS TO THE LETTER OF SUBMITTAL

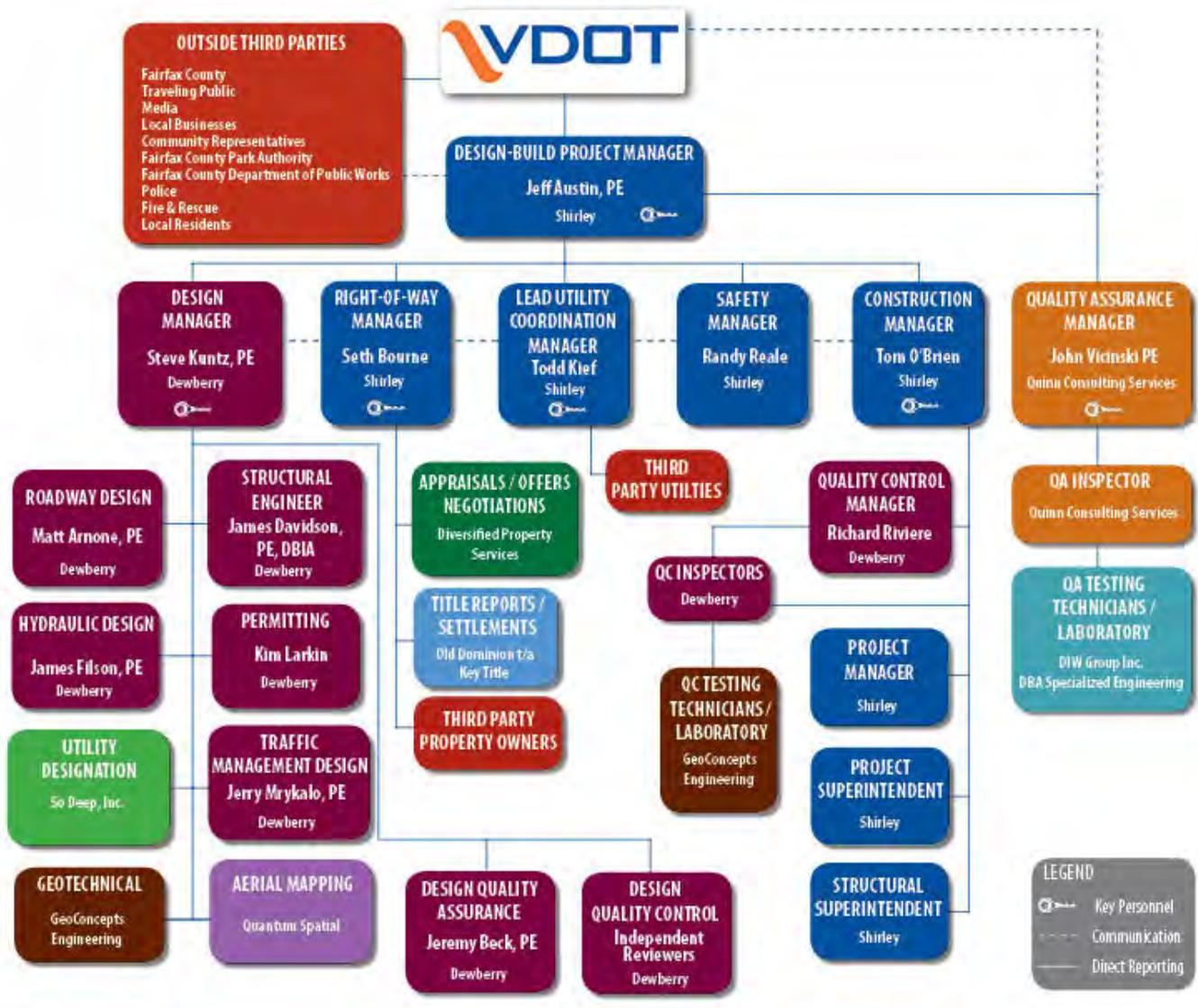
4.2.1 Organizational Chart & Key Personnel



4.2.1 Organizational Chart and Key Personnel

4.2.1 ORGANIZATIONAL CHART

The Project Organizational Chart below identifies the “chain of command” and major functions to be performed and their reporting relationships in managing, designing and constructing the Project, including quality control/quality assurance. We confirm that the organizational chart (shown below) and Key Personnel as contained in our Statement of Qualifications remain true and accurate, except for the following: AeroMetric, Inc. has officially changed their business name to Quantum Spatial, Inc. VDOT was notified of this change on December 4, 2013. As there have been no changes to the organizational chart, an updated narrative is not applicable.



4.2.2 Conceptual Roadway Plans

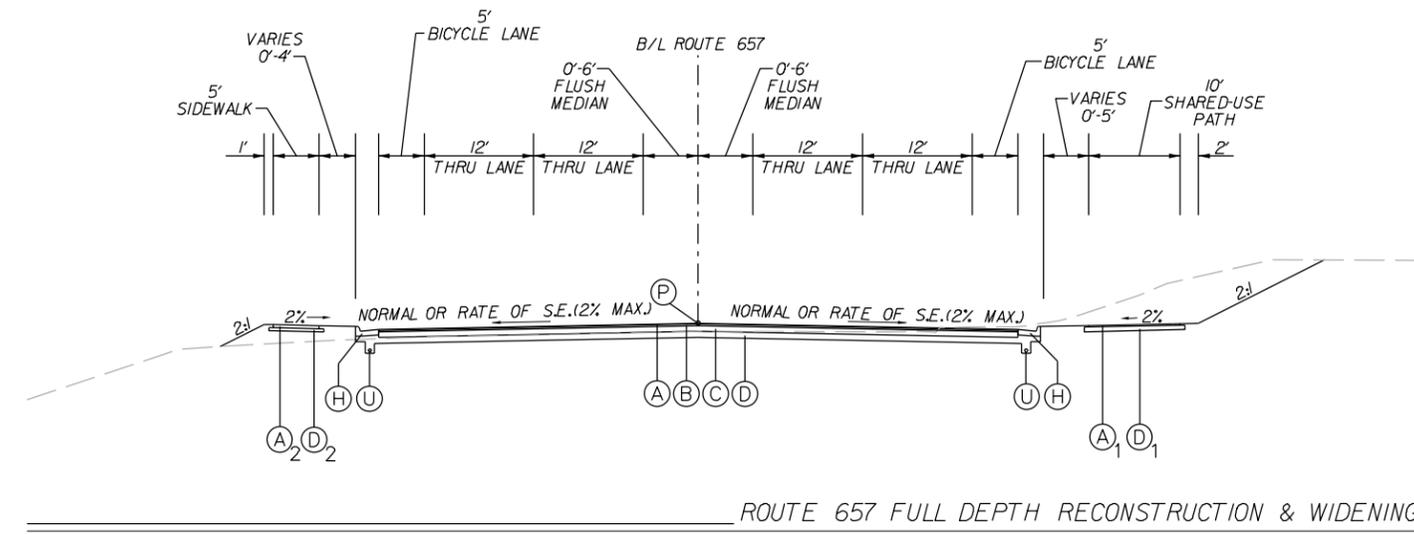
PROJECT MANAGER _____
 SURVEYED BY _____
 DESIGN SUPERVISED BY *Dewberry Consultants LLC* - (703) 289-4796
 DESIGNED BY *Dewberry Consultants LLC* - (703) 289-4796

TYPICAL SECTIONS

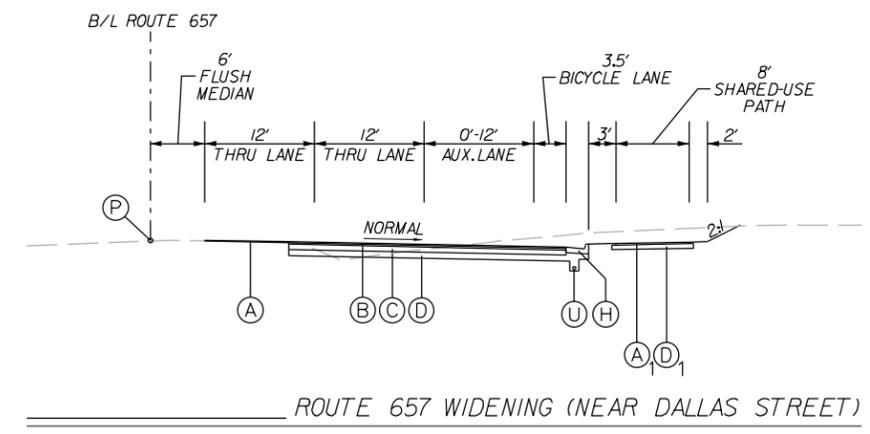
REVISION	STATE	ROUTE	PROJECT	SHEET NO.
	VI.	657	0657-029-099 RW-20I,C-50I	

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

Dewberry Consultants LLC
 Fairfax, Virginia
 ROADWAY ENGINEER



ROUTE 657 FULL DEPTH RECONSTRUCTION & WIDENING



ROUTE 657 WIDENING (NEAR DALLAS STREET)

LEGEND

- | | |
|--|---|
| (A) 1.5" Asphalt Concrete, Type SM-9.5D @ 182 lbs/sy | (D) ₂ 4" Aggregate Base Material, Type I, Size No. 21A or No. 21B
Extended Min. 6" on Either Side of the Surface Material |
| (A) ₁ 2" Asphalt Concrete, Type SM-9.5A @ 242 lbs/sy | (H) Curb and Gutter, S' d. CG-6 |
| (A) ₂ 4" Class A3 Hydraulic Cement Concrete | (P) Profile Grade Line |
| (B) 2" Asphalt Concrete, Type IM-19.0A @ 242 lbs/sy | (U) Underdrain, S' d. UD-4 |
| (C) 7" Asphalt Concrete, Type BM-25.0A | |
| (D) 8" Aggregate Base Material, Type I, Size No. 21B | |
| (D) ₁ 6" Aggregate Base Material, Type I, Size No. 21B
Extended Min. 6" Beyond the Edges of Asphalt Pavement | |



PLAT NO.	PROJECT	FILE NO.	SHEET NO.
A	0657-029-099		

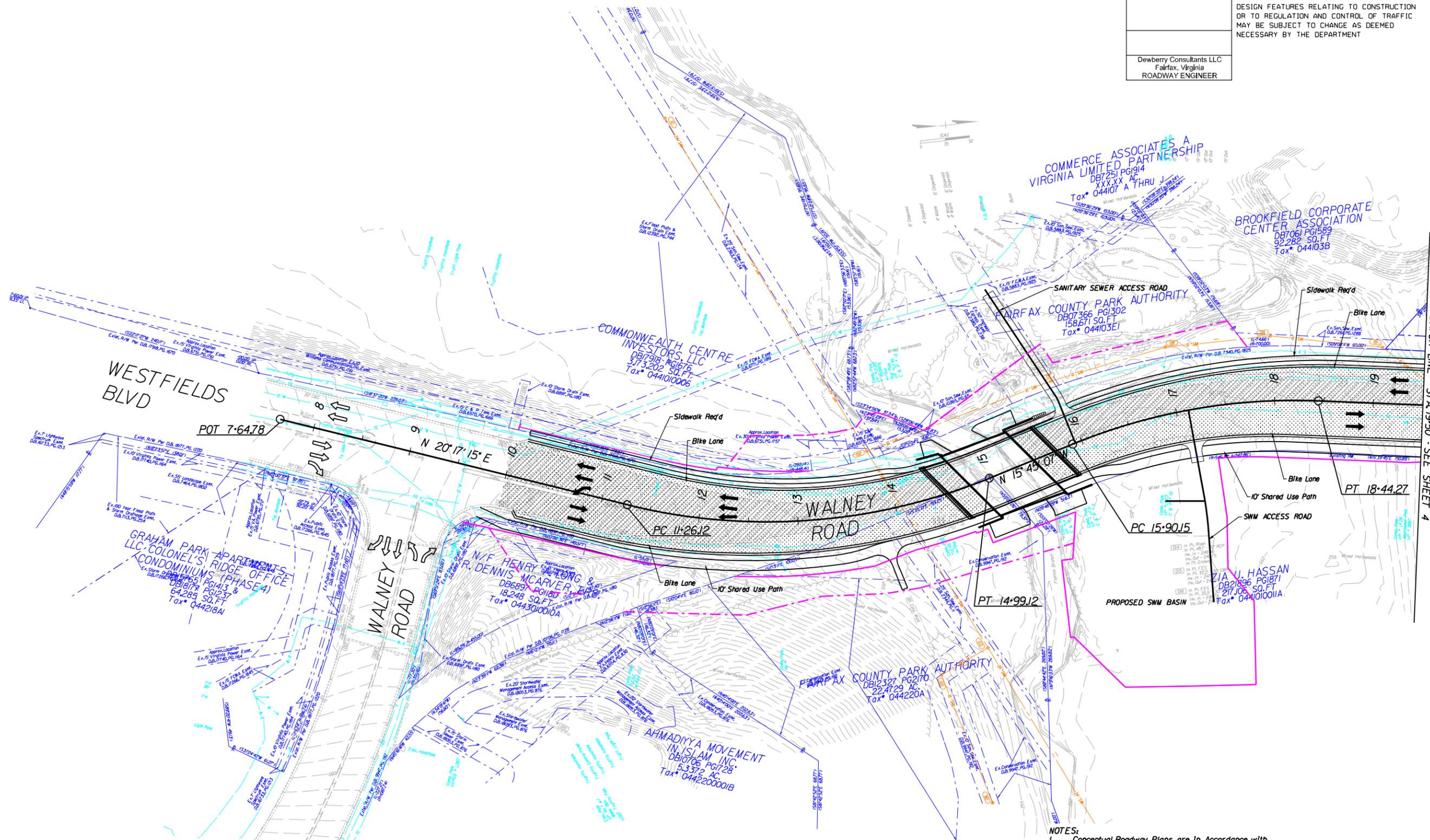
PROJECT MANAGER _____
 SURVEYED BY _____
 DESIGN SUPERVISED BY *Dewberry Consultants LLC* - (703) 289-4796
 DESIGNED BY *Dewberry Consultants LLC* - (703) 289-4796

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

REVISION	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA		0657-029-099, PE-101, RW-201, C-501, B-641	3

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

Dewberry Consultants LLC
 Fairfax, Virginia
 ROADWAY ENGINEER



MATCH LINE - STA 19+50 - SEE SHEET 4

WESTFIELDS
BLVD

POT 7+64.78

N 20°17'15" E

COMMONWEALTH CENTRE
INVESTORS, LLC
DB17918 PG1676
3713202 SQ.FT
Tax* 0441010006

FAIRFAX COUNTY PARK AUTHORITY
DB07366 PG1302
158671 SQ.FT
Tax* 044103E1

BROOKFIELD CORPORATE
CENTER ASSOCIATION
DB7061 PG1589
92282 SQ.FT
Tax* 044103B

GRAHAM PARK APARTMENTS-
LLC, COLONEL'S RIDGE OFFICE
CONDOMINIUMS (PHASE 4)
DB1817X PG1413 &
PG1237
64289 SQ.FT
Tax* 044218A

WALNEY
ROAD

N/Y HENRY CARROLL &
R. DENNIS MCARVER, JR.
DB6891 PG1180
18248 SQ.FT
Tax* 044301000A

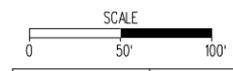
AHMADIYYA MOVEMENT
IN ISLAM, INC.
DB10709 PG1728
53372 AC
Tax* 0442200001B

FAIRFAX COUNTY PARK AUTHORITY
DB12327 PG2170
224729 AC
Tax* 044220A

ZIA J. HASSAN
DB21896 PG1871
217106 SQ.FT
Tax* 0441010011A

- NOTES:
1. Conceptual Roadway Plans are in accordance with the Requirements of the Design Criteria Table (Attachment 2.2).
 2. Limits of Construction are within the Existing/Proposed Right-of-Way Limits shown in the RFP Conceptual Plans.

- Denotes Full Depth Pavement
- Denotes Demolition of Pavement
- Denotes Milling and Overlay



PLAT NO.	PROJECT	FILE NO.	SHEET NO.
A	0657-029-099		3



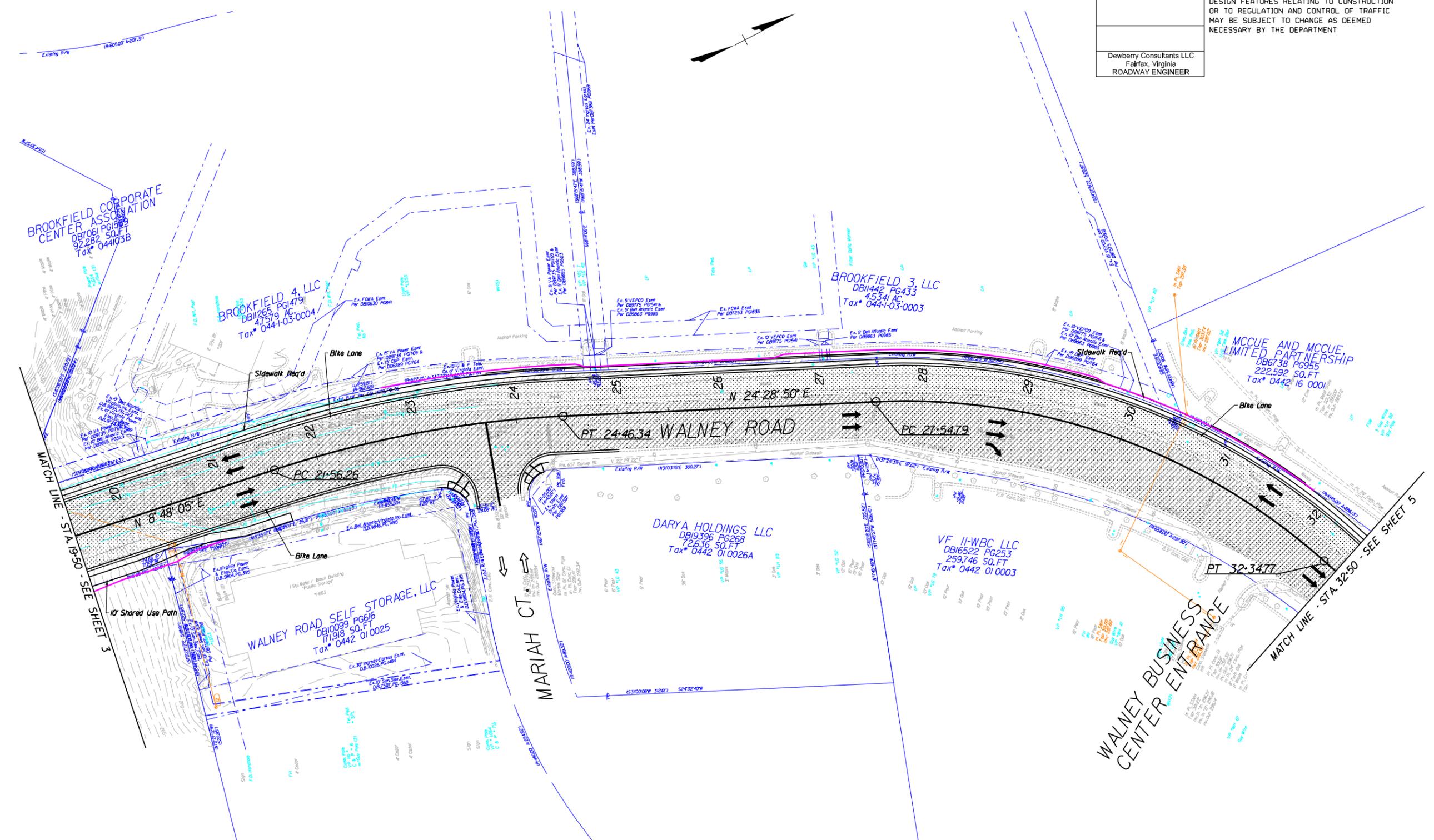
PROJECT MANAGER _____
 SURVEYED BY _____
 DESIGN SUPERVISED BY Dewberry Consultants LLC - (703) 289-4796
 DESIGNED BY Dewberry Consultants LLC - (703) 289-4796

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

REVISION	STATE	ROUTE	PROJECT	SHEET NO.
	VA		0657-029-099, PE-101, RW-201, C-501, B-641	4

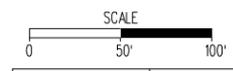
DESIGN FEATURES RELATING TO CONSTRUCTION
 OR TO REGULATION AND CONTROL OF TRAFFIC
 MAY BE SUBJECT TO CHANGE AS DEEMED
 NECESSARY BY THE DEPARTMENT

Dewberry Consultants LLC
 Fairfax, Virginia
 ROADWAY ENGINEER



- NOTES:
1. Conceptual Roadway Plans are in accordance with the Requirements of the Design Criteria Table (Attachment 2.2).
 2. Limits of Construction are within the Existing/Proposed Right-of-Way Limits shown in the RFP Conceptual Plans.

- Denotes Full Depth Pavement
- Denotes Demolition of Pavement
- Denotes Milling and Overlay



PLAN NO.	PROJECT	FILE NO.	SHEET NO.
A	0657-029-099		4



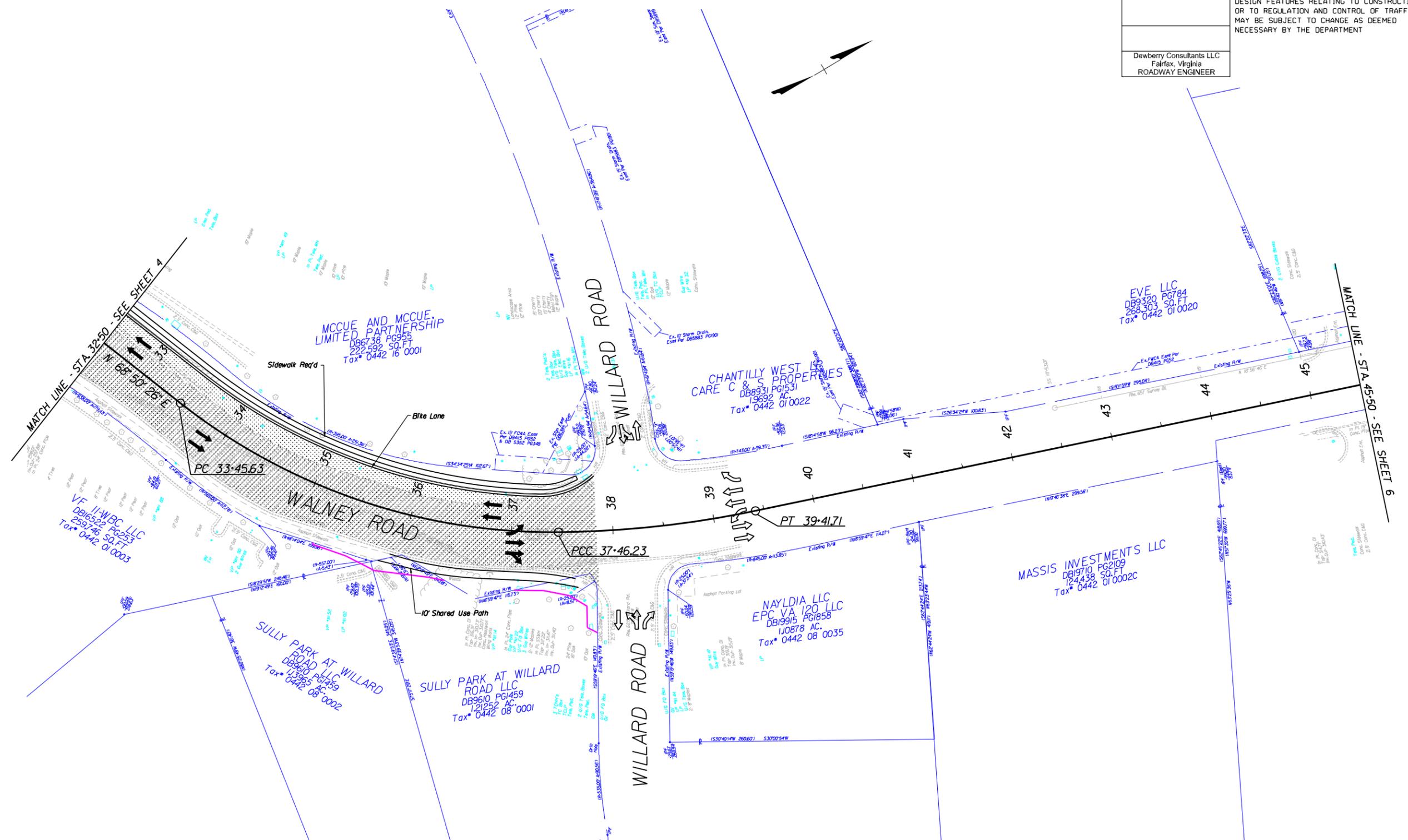
PROJECT MANAGER _____
 SURVEYED BY _____
 DESIGN SUPERVISED BY Dewberry Consultants LLC - (703) 289-4796
 DESIGNED BY Dewberry Consultants LLC - (703) 289-4796

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

REVISION	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA		0657-029-099, PE-101, RW-201, C-501, B-641	5

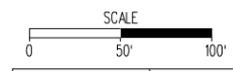
DESIGN FEATURES RELATING TO CONSTRUCTION
 OR TO REGULATION AND CONTROL OF TRAFFIC
 MAY BE SUBJECT TO CHANGE AS DEEMED
 NECESSARY BY THE DEPARTMENT

Dewberry Consultants LLC
 Fairfax, Virginia
 ROADWAY ENGINEER



- NOTES:
1. Conceptual Roadway Plans are in accordance with the Requirements of the Design Criteria Table (Attachment 2.2).
 2. Limits of Construction are within the Existing/Proposed Right-of-Way Limits shown in the RFP Conceptual Plans.

- Denotes Full Depth Pavement
- Denotes Demolition of Pavement
- Denotes Milling and Overlay



PLANNING	PROJECT	FILE NO.	SHEET NO.
A	0657-029-099		5



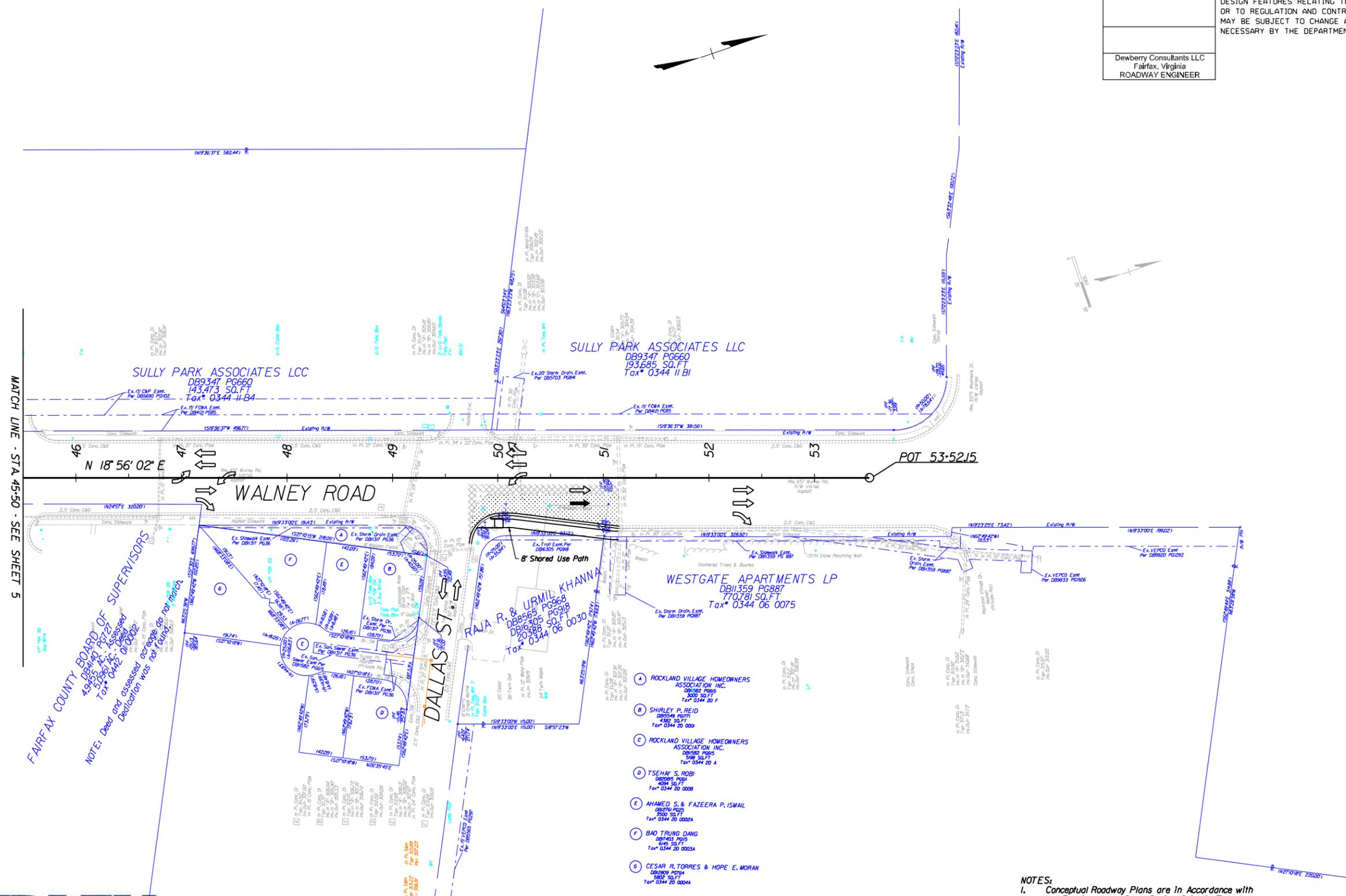
PROJECT MANAGER _____
 SURVEYED BY _____
 DESIGN SUPERVISED BY *Dewberry Consultants LLC* - (703) 289-4796
 DESIGNED BY *Dewberry Consultants LLC* - (703) 289-4796

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

REVISION	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA		0657-029-099, PE-101, RW-201, C-501, B-641	6

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

Dewberry Consultants LLC
 Fairfax, Virginia
 ROADWAY ENGINEER



MATCH LINE - STA 45+50 - SEE SHEET 5

FAIRFAX COUNTY BOARD OF SUPERVISORS
 49,855 SQ.FT. Per 20
 5,500 SQ.FT. Per 20
 1,500 SQ.FT. Per 20
 Tax# 0442 01 0000
 NOTE: Deed and assessed acreage do not match.
 Dedication was not final.

- A ROCKLAND VILLAGE HOMEOWNERS ASSOCIATION INC. DB1080 PG15 500 SQ.FT Tax# 0344 20 F
- B SHIRLEY P. REID DB8554 PG71 436 SQ.FT Tax# 0344 20 0001
- C ROCKLAND VILLAGE HOMEOWNERS ASSOCIATION INC. DB1080 PG15 508 SQ.FT Tax# 0344 20 A
- D TSEHAY S. ROBI DB876 PG25 424 SQ.FT Tax# 0344 20 0008
- E AHAMED S. & FAZEERA P. ISMAIL DB876 PG25 500 SQ.FT Tax# 0344 20 0008A
- F BAO TRUNG DANG DB1403 PG15 445 SQ.FT Tax# 0344 20 0003A
- G CESAR R. TORRES & HOPE E. MORAN DB809 PG78 500 SQ.FT Tax# 0344 20 0008A

- NOTES:
- Conceptual Roadway Plans are in accordance with the Requirements of the Design Criteria Table (Attachment 2.2).
 - Limits of Construction are within the Existing/Proposed Right-of-Way Limits shown in the RFP Conceptual Plans.

- Denotes Full Depth Pavement
- Denotes Demolition of Pavement
- Denotes Milling and Overlay



PLAN NO.	PROJECT	FILE NO.	SHEET NO.
A	0657-029-099		6





STATE	FEDERAL AID	STATE	SHEET NO.
VA.	PROJECT BR-5401(795)	ROUTE 657	PROJECT 0657-029-099, B641
NBIS Number: 00000000029031		UPC No. 104103	
Federal Oversight Code: NFO		FHWA Construction and Scour Code:	

DESIGN EXCEPTION(S):
None.

GENERAL NOTES:

Width: Beginning width west side, 6'-0" min. sidewalk, 62'-0" roadway, 8'-0" min. shared use path.
Overall width 76'-0" min. face to face of rails.

Span Layout: 74'-0" prestressed concrete bulb-T span.

Capacity: HL-93 loading

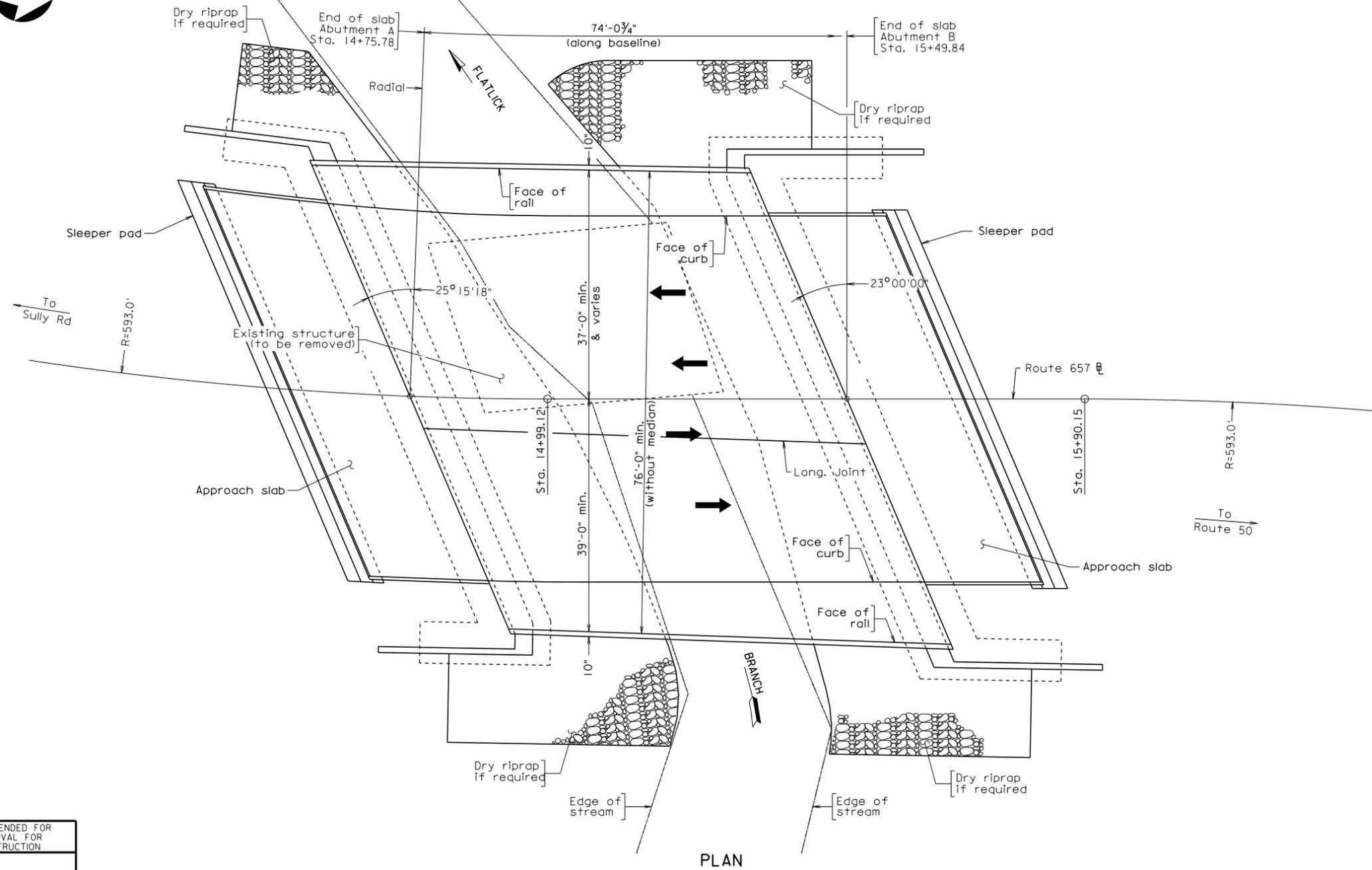
Drainage area: 5.60 square miles

Specifications:
Construction: Virginia Department of Transportation Road and Bridge Specifications, 2007.
Design: AASHTO LRFD Bridge Design Specifications, 6th Edition, 2012 and VDOT Modifications.
Standards: Virginia Department of Transportation Road and Bridge Standards, 2008.

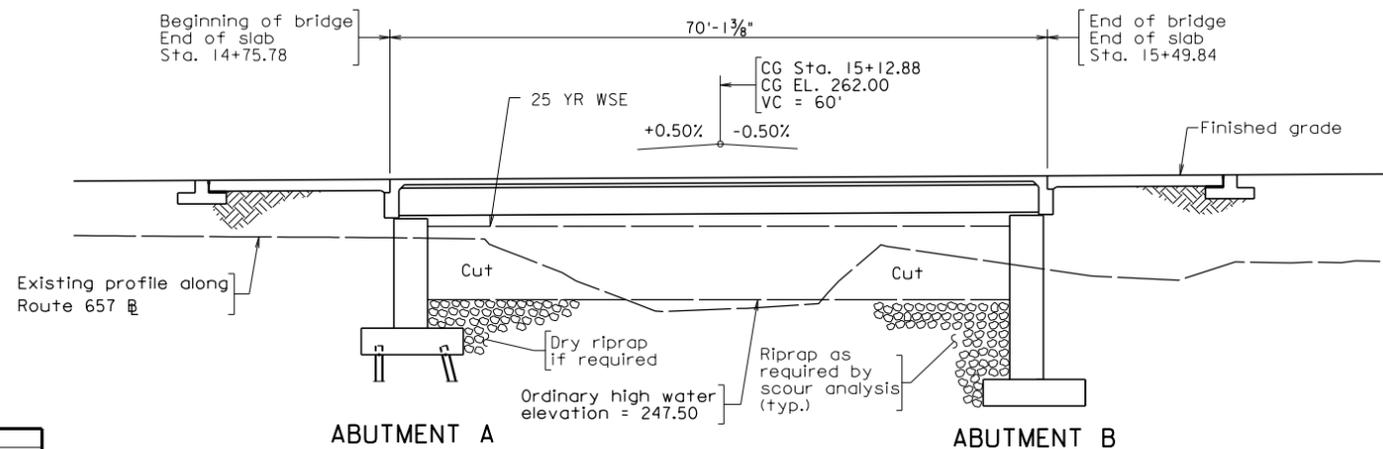
These plans are incomplete unless accompanied by the Supplemental Specifications and Special Provisions included in the contract documents.

Bridge No. of existing bridge is 6066.

The existing structure is designated a Type B structure in accordance with Sec. 411.



PLAN



ABUTMENT A

ABUTMENT B

DEVELOPED SECTION ALONG \bar{B}

Scale: $\frac{3}{32}'' = 1'-0''$



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

PROPOSED BRIDGE ON
RTE. 657 (WALNEY ROAD) OVER
FLATLICK BRANCH
FAIRFAX COUNTY - 1.0 MI. SOUTH OF ROUTE 50
PROJECT 0657-029-099, B641

Recommended for Approval: _____ Date _____
(Developer's Designee)

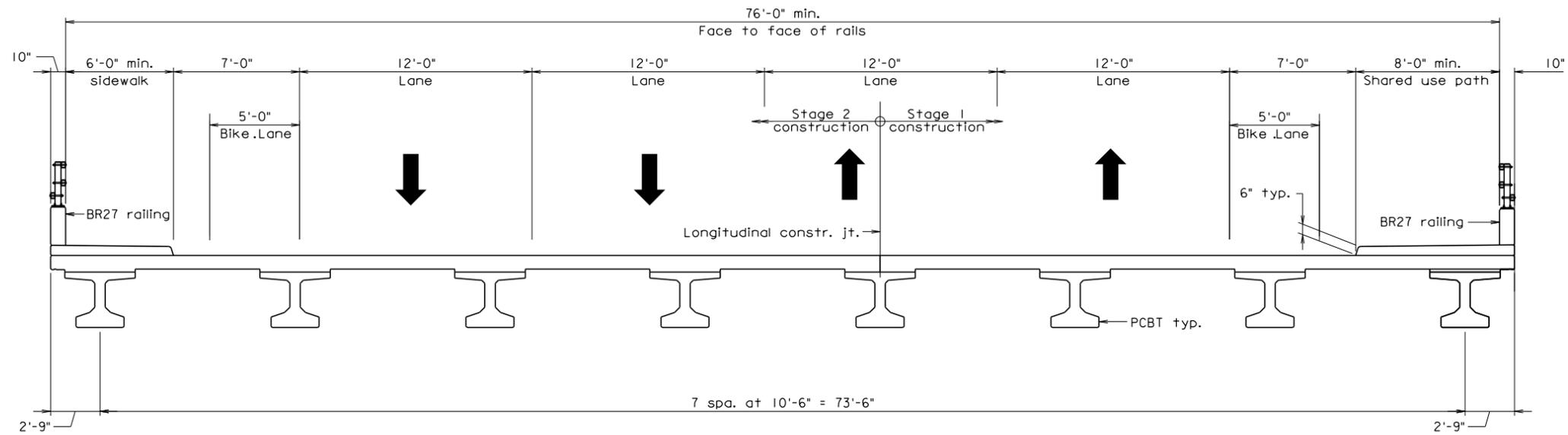
Approved: _____ Date _____
Chief Engineer

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

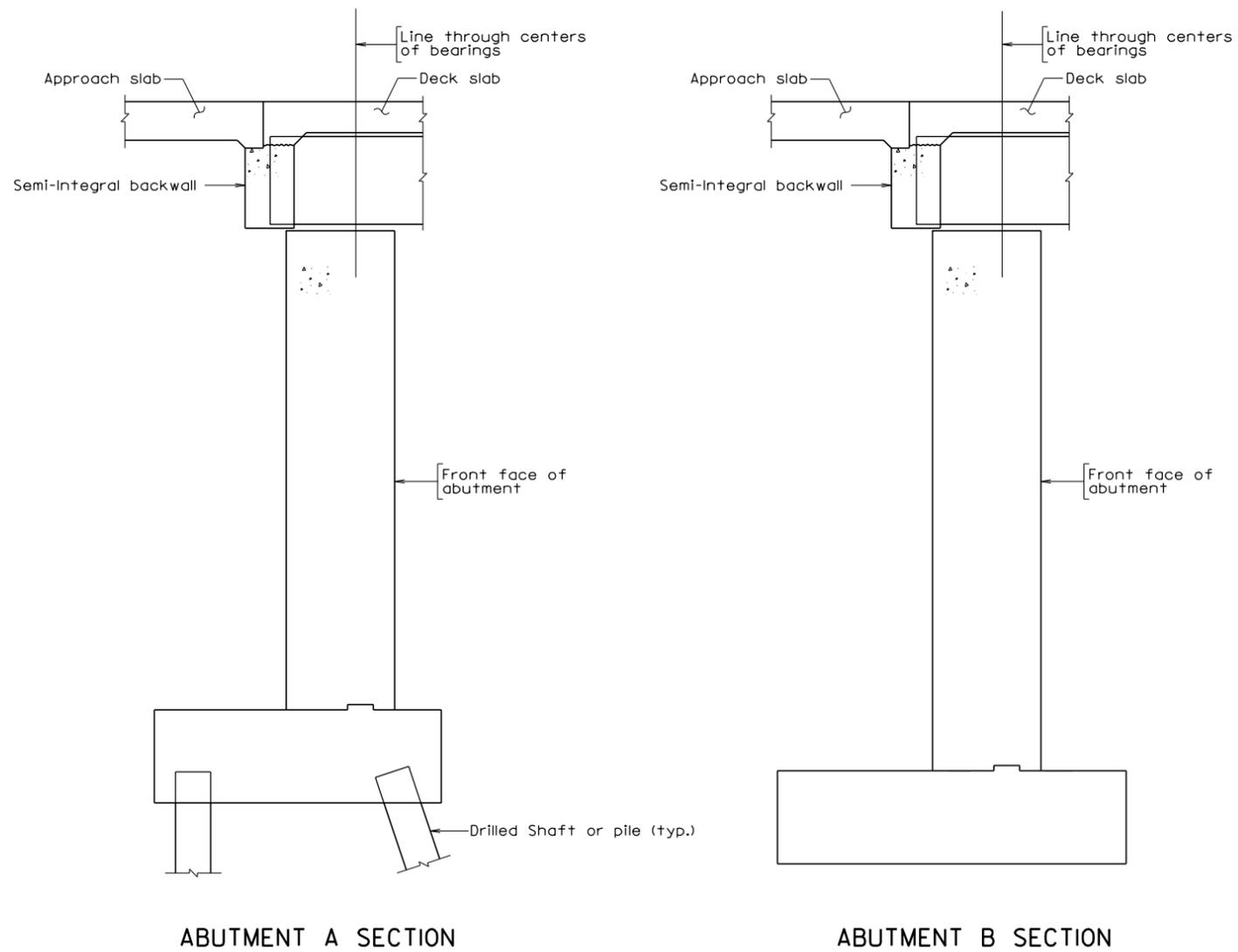
b2873200 IMGU.dgn

RECOMMENDED FOR APPROVAL FOR CONSTRUCTION
VDOT PROJECT MANAGER
DISTRICT CONSTRUCTION MANAGER

PLANS BY:
COORDINATED:
SUPERVISED:
DESIGNED:
DRAWN:
CHECKED:



TRANSVERSE SECTION



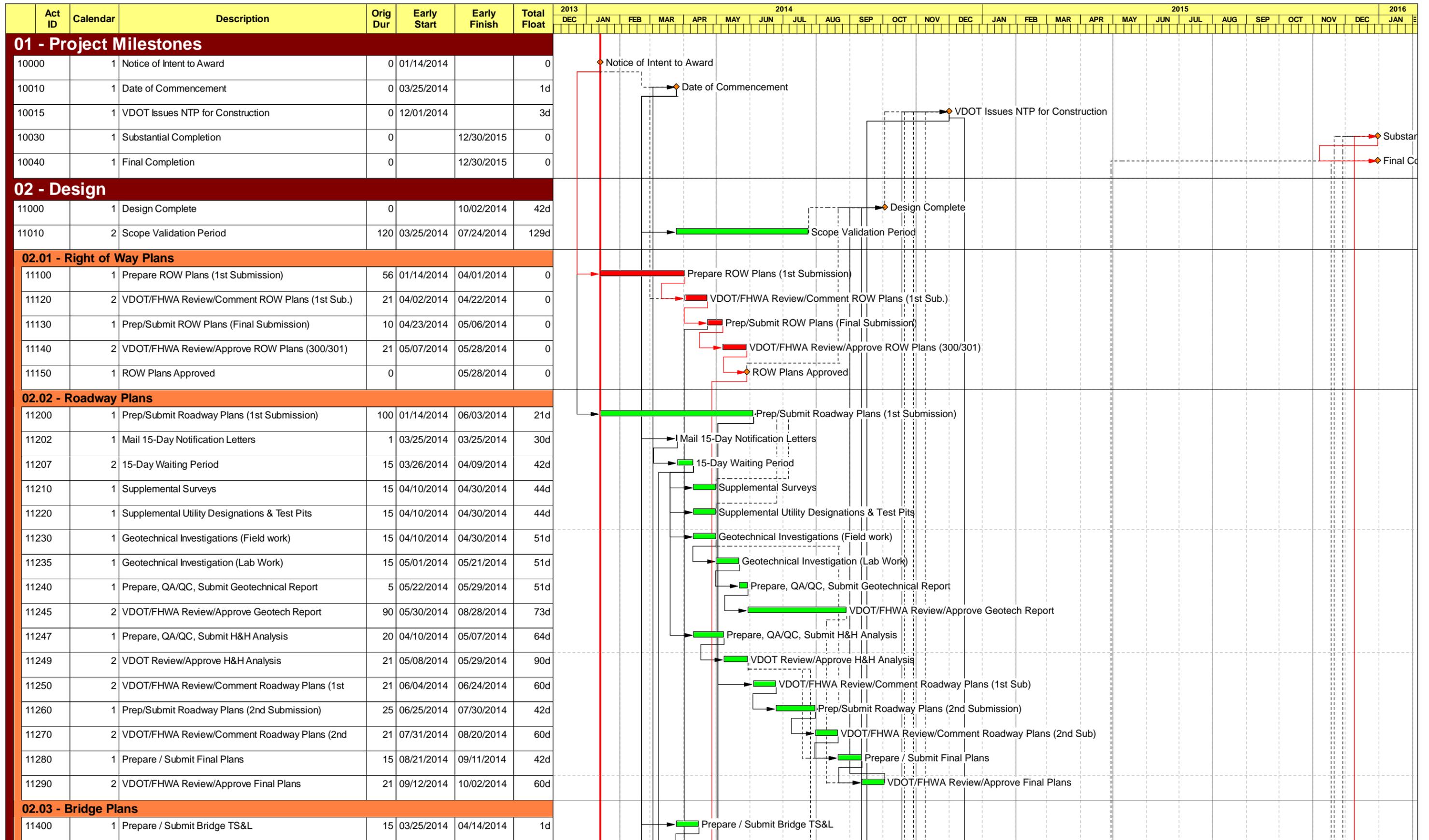
ABUTMENT A SECTION

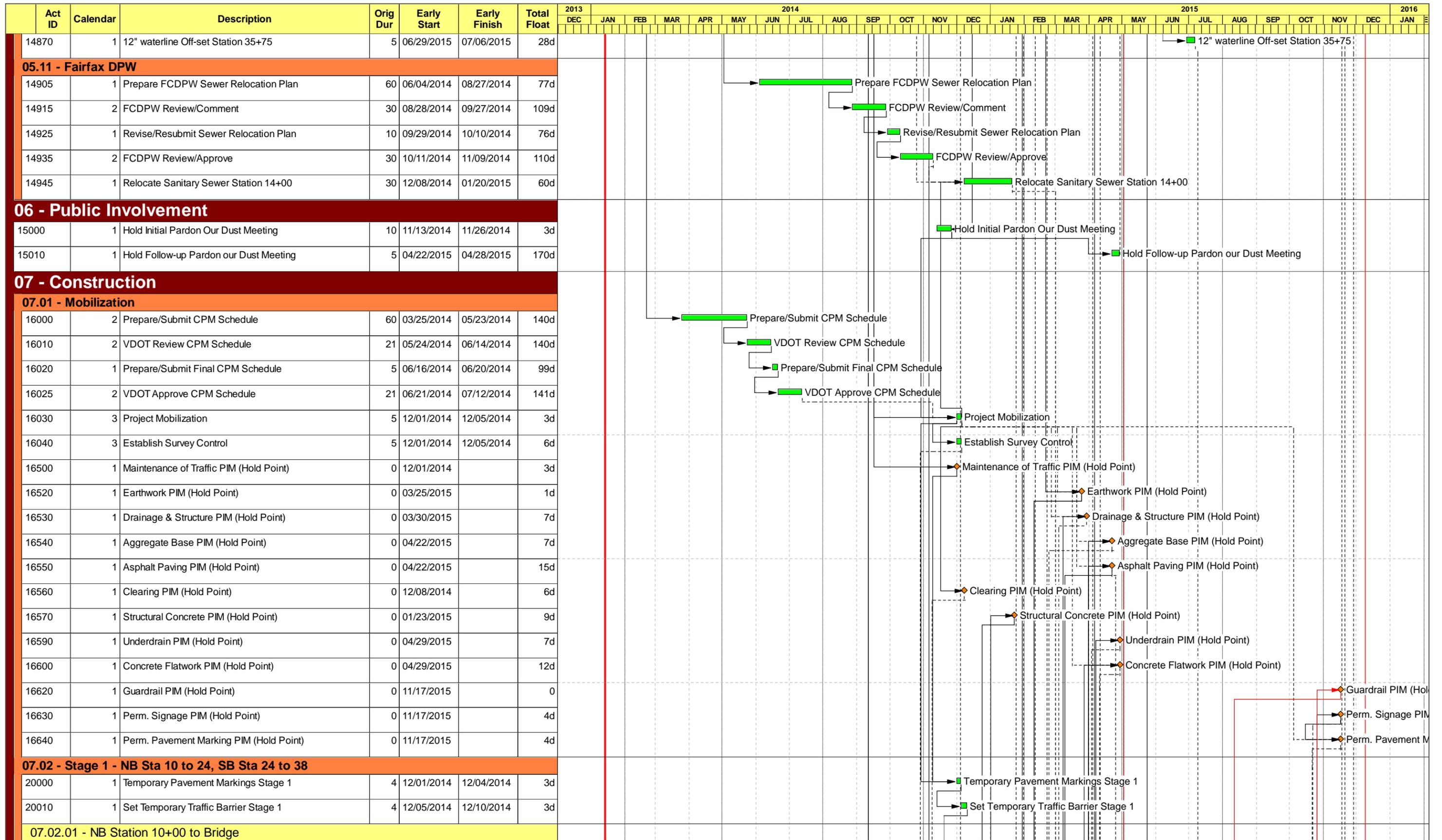
ABUTMENT B SECTION

Typical section-1.dgn



COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION					
STRUCTURE AND BRIDGE DIVISION					
TRANSVERSE SECTION AND ABUTMENT CONFIGURATION					
No.	Description	Date	Designed:	Date	Plan No.
			Drawn:		Sheet No.
			Checked:		26
Revisions					





■ Early bar
■ Progress bar
■ Critical bar
■ Summary bar
◆ Start milestone point
◆ Finish milestone point

Shirley Contracting Company, LLC
 8435 Backlick Road
 Lorton, Virginia 22079

Exhibit 4.2.4a - Proposal Schedule - Detail
Walney Road Bridge Replacement and Road Widening Project,
 0657-029-099, C501, B641

Run date 12/20/2013
 Data date 01/14/2014
 Start date 01/14/2014
 Finish date 12/30/2015
 © Primavera Systems, Inc.

4.2.4.2 Proposal Schedule Narrative

Project Milestones

The Walney Road Bridge Replacement and Road Widening Project Proposal Schedule details our plan for all phases of the design/build process based on the following project Milestones (Additional Milestones can be found in the detailed proposal schedule Exhibit 4.2.4a):

TABLE 1 - PROPOSAL SCHEDULE DATES OF PROJECT MILESTONES

Milestone	Date
Notice of Intent to Award:	January 14, 2014
Notice to Proceed (Date of Commencement):	March 25, 2014
NTP for Construction:	December 1, 2014
Substantial Completion Date:	December 30, 2015
Final Completion Date:	December 30, 2015

Work Breakdown Structure

Level 1 of the Work Breakdown Structure (WBS) groups the schedule into the phases of the design/build process as follows:

- 01. Project Milestones:** Area reserved for easy review of the project status.
- 02. Design:** Includes preliminary engineering services, plan development, QA/QC reviews and reviews and approvals by VDOT, FHWA and other regulatory agencies. This section of the schedule includes a second level WBS structure to group design activities by type of design submission including right-of-way plans, roadway plans, and bridge plans.
- 03. Environmental Permitting:** Includes wetland and stream delineations and assessments, permit management and preparation, mitigation, and permit submissions, reviews and approvals by regulatory agencies. This section of the schedule includes a second level WBS structure to group permit activities by type of permit, including the permit for the temporary utility relocations, the Joint Wetland and Waters Permit and the VSMP Permit.
- 04. Right-of-way Acquisition:** This section of the schedule is used to monitor the acquisition of right-of-way and easements for the project including title searches, appraisals and appraisal reviews, offers, negotiations, and settlements. This section of the schedule includes a second level WBS structure to differentiate between VDOT and Design-Builder acquisitions
- 05. Utility Relocations:** The utility relocation section of the schedule includes activities for UFI meetings, preparation of utility plans and estimates (P&E), approval of P&E and utility relocation construction. The utility relocations are separated into second level WBS groups for the temporary relocations and by utility owner for the permanent relocations.
- 06. Public Involvement:** This section of the schedule includes activities for planned pardon our dust meetings and updates to the Office of Public Affairs for major traffic shifts and the VDOT website.
- 07. Construction:** Includes all components of roadway and bridge construction as well as MOT, lighting, and drainage. The Construction section of the schedule is segmented by

two additional levels of WBS structure to divide the construction activities into groups of work packages that can be easily tracked to ensure on-time completion of the project.

Below is a complete outline of the WBS Structure for the Project:

01 Schedule Milestones

02 Design

- 02.01 Right of Way Plans
- 02.02 Roadway Plans
- 02.03 Bridge Plans

03 Environmental Permits

- 03.01 Permit for Temporary Utilities
- 03.02 Joint Wetlands and Waters Permit
- 03.03 VSMP Permit

04 Right of Way Acquisition

- 04.01 Acquisition By VDOT
- 04.02 Acquisition by Design/Builder

05 Utility Relocations

- 05.01 Temporary Overhead Relocation
- 05.02 Dominion Virginia Power (Permanent Relo)
- 05.03 Verizon (Permanent Relocation)
- 05.04 Cox Communications (Permanent Relocation)
- 05.05 Fiberlight Underground FO
- 05.06 MCI Underground FO
- 05.07 Wiltel Underground FO
- 05.08 Verizon Underground Telecommunications
- 05.09 Washington Gas
- 05.10 Fairfax Water
- 05.11 Fairfax DPW

06 Public Involvement

07 Construction

- 07.01 Mobilization
- 07.02 Stage 1 - NB Sta 10 to 24, SB Sta 24 to 38
 - 07.02.01 NB Station 10+00 to Bridge
 - 07.02.02 NB Bridge
 - 07.02.03 NB Bridge to Station 24+00
 - 07.02.04 SB Station 24+00 to 38+00
 - 07.02.05 Station 49+50 to 51+00
- 07.03 Stage 2 - SB Sta 10 to 24, NB Sta 24 to 38
 - 07.03.01 SB Station 10+00 to Bridge
 - 07.03.02 SB Bridge
 - 07.03.03 SB Bridge to Station 24+00
 - 07.03.04 NB Station 24+00 to 38+00

07.04 Completion Activities

Calendars

The following is a description of the calendars used for this project.

Global Calendar – All calendars are based on 8 hour work days and include the following holidays:

New Year Day Holiday from 7:00 AM December 31st until 7:00 AM the next work day following New Year Day, unless the holiday occurs on a Sunday and then the following Monday is considered the Holiday.

Memorial Day Holiday from 7:00 AM Friday prior to Memorial Day until 7:00 AM Tuesday following Memorial Day.

Independence Day Holiday from 7:00 AM July 3rd until 7:00 AM the next work day following Independence Day, unless the holiday occurs on a Sunday and then the following Monday is considered the Holiday.

Labor Day Holiday from 7:00 AM Friday prior to Labor Day until 7:00 AM Tuesday following the Labor Day.

Thanksgiving Day Holiday from 7:00 AM Thanksgiving Day until 7:00 AM Monday following Thanksgiving Day.

Christmas Day Holiday from 12:00 PM the day prior to Christmas Day until 12:00 PM the Day following.

Calendar 1 - “5-Day Work Week” – this calendar is based on five working days per week and is used for all design and administrative activities and construction activities that are not significantly affected by weather.

Calendar 2 – “7-Day Calendar” – Assigned to activities that have durations based on calendar days instead of work days. For example VDOT’s 21 calendar day review duration.

Calendar 3 – “5-Day Winter Imp” – This calendar is based on working part-time from December 25 to March 15. It is assigned to activities that are anticipated to have reduced productivity during the winter months.

Calendar 4 – “5-Day Winter SD” – Assigned to activities that are anticipated to be shut down during the winter, such as asphalt paving and painting. This calendar contains no working days from December 25 of one year to March 10 of the next year.

Calendar 5 - "5-Day SM-9D SD" - Assigned to Asphalt Material SM-9.5D surface paving activities. The required surface temperature for placing SM-9.5D is ten degrees higher than for SM-9.5A. To accommodate these required temperatures Calendar 5 contains no working days between November 20 of each year to March 20 of the following year.

Schedule Timing and Critical Path

The following narrative describes key activities in the sequence of design, planning, permitting, pre-construction, and construction phases of the project. Each of these activities can be found in the attached proposal schedule found in Exhibit 4.2.4a.

Design Phase:

The design phase includes preparation and submission of right-of-way acquisition plans, roadway plans and bridge plans at multiple stages of the design process with a 21 calendar day activity for VDOT and FHWA reviews after each submission. The design phase also includes non-critical activities for the completion of surveys, utility designations, test pits,

the scope validation period and geotechnical investigations, including a 90 calendar day activity for VDOT's review of the geotechnical report prior to submission of the final roadway plans. Our team will begin the design phase of the project immediately upon Notice of Intent to Award to get an early jump on right-of-way plan preparation. The right-of-way plans will be submitted to VDOT on April 1, 2014. Our Team will address ROW Plan comments and request 300/301 approval and ROW Plan approval ahead of final roadway design as we have done on other D/B projects to get an early start to the ROW acquisition process. The proposal schedule shows right-of-way plan approval on May 28, 2014. The roadway and bridge plans will be developed concurrent with the right-of-way plans with the 1st roadway plan submission on June 3, 2014 and the 1st full bridge plan submission on July 1, 2014. We anticipate an additional two rounds of submissions and reviews to address all comments with the Proposal Schedule showing final approval of the roadway plans and bridge plans on October 2, 2014.

Environmental Permitting:

Environmental Permitting will begin on the Date of Commencement with the preparation and submission of a permit to construct the temporary utility relocations over Flatlick Branch. This early permit will allow for the construction of a temporary overhead Dominion Power relocation within the existing right-of-way. The permit for the temporary utility crossing will be submitted on April 21, 2014 with agency approval anticipated by July 16, 2014.

Following completion of the 15-Day period following notification to adjacent landowners. Environmental permitting field activities will begin with delineations and surveys of the jurisdictional areas. Following permit preparation and acquisition of environmental mitigation the Joint Permit Application will be submitted to the agencies on July 11, 2014. Submission and approval of the VSMP Permit will occur concurrent with the JPA review allowing all permits to be acquired by October 20, 2014 ahead of the planned start of construction and the utility relocations.

Right-of-way Acquisition:

The administration of the right-of-way and easement acquisitions by the Design/Build Team will start upon receipt of the comments from VDOT on the 1st submission ROW plans on April 23, 2014. The work will start with 60 year title exams and allows for approval of the ROW Plans before finalizing the appraisal and appraisal reviews. Following ROW Plan approval, appraisals will be reviewed and approved by VDOT before making offers to the property owners. Following offers, negotiations, settlements, and certificates, if necessary, to acquire the ROW and Easements by November 20, 2014.

The acquisition of right-of-way from the Fairfax County Park Authority (Parcels 003 & 005) will be the responsibility of VDOT. The Proposal schedule allows six months for this acquisition starting upon right-of-way plan approval and NTP for Right-of-way Acquisition on May 29, 2014 and completing by November 30, 2014.

Utility Relocations:

To simplify and track the utility relocations on the project, we have created a work breakdown structure that groups the utility relocation activities by type of relocation and utility owner. Within each utility group, we have included activities for holding the Utility Field Investigation (UFI) meetings, followed by preparation of the utility plans and estimates (P&E), approval of the P&E, and construction of the relocation. Although we have already met with each individual utility company to discuss the proposed relocations and prior rights, the utility relocation schedule starts with formal UFI meetings in March 2014 for the temporary relocation and in June 2014 for the permanent relocations.

Shirley's plan is to complete a temporary relocation of the existing overhead utilities within the existing VDOT right-of-way and/or existing utility easements that will allow for Stage 1 construction of the bridge to begin immediately upon acquisition of the right-of-way from the Park Authority. The temporary overhead relocation will include relocating Dominion Power to temporary poles along the north side of the proposed bridge. The vacation of Dominion Power from the existing poles will provide room to raise Cox Communications and Verizon up to ten feet vertically on the existing poles providing clearance to construct Stage 1 of the bridge under these utilities. The temporary relocation will begin on July 17, 2014 with the start of Dominion Power's relocation and complete on December 18, 2014 when Verizon has completed raising their lines.

Following the acquisition of right-of-way and utility easements, the aerial utilities will be relocated into their permanent alignment along the south side of Walney Road. The permanent aerial relocation will begin with the start of Dominion Power's relocation on December 1, 2014 and complete when Verizon has relocated from the existing poles on June 3, 2015. The following is a list of all other planned utility relocations and their proposed completion dates:

- Fiberlight Underground Fiber-Optic: December 22, 2014
- MCI Underground Fiber-Optic: January 21, 2015
- Wiltel Underground Fiber-Optic: March 5, 2015
- Verizon Underground Copper: February 18, 2015
- Washington Gas 6" Line: January 21, 2015
- Fairfax Water Hydrant & 12" waterline: July 6, 2015
- Fairfax County DPW Sewer: January 20, 2015

Public Outreach:

The public outreach schedule includes holding "Pardon our Dust" meetings prior to the start of construction and in April of 2015 prior to the start of Stage 2. However, there are many other public involvement activities that our team will perform, including meeting with local businesses and affected property owners, attending meetings with home owners associations, local government representatives, and community groups, and providing information for regular updates at progress meetings and weekly lane closure plans.

Construction Sequence:

The project will be completed in two Stages of Construction. On the South end of the Project (the area from Mariah Court to Westfields Boulevard), Stage 1 will be to construct the future NB lanes of Walney Road and the bridge. Stage 1 will begin following the acquisition of Right-of-way and Notice to Proceed for Construction on December 1, 2014 and run through the opening of the Stage 1 bridge on June 12, 2015. Stage 2 construction will include construction of the future SB lanes including demolition of the existing bridge and construction of the southbound half of the new bridge. Following the opening of Stage 1, Stage 2 construction will begin with the demolition of the existing bridge and continue until the final completion date of December 30, 2015.

On the North end of the Project (the area between Mariah Court and Willard Road) Stage 1 will be to construct the futures SB lanes while maintaining traffic on the existing pavement that coincides with the future NB lanes. Stage 2 will include demolition and reconstruction of the NB lanes following the opening of the roadway constructed under Stage 1.

Critical Path:

The project critical path is shown on the attached Exhibit 4.2.4b and is summarized below: The Critical Path of the project starts with preparation and submission of the Right of Way Plans on January 14, 2014. Following approval of the Right-of-way plans on May 28, 2014, the critical path moves into the right-of-way acquisition phase with VDOT's acquisition of Parcels 003 and 005 from May 29, 2014 to November 30, 2014. This right-of-way acquisition will include the necessary right-of-way and/or utility easements for the permanent overhead utility relocations. Following the right-of-way acquisition the critical path follows the permanent overhead relocations from December 1, 2014 through June 4, 2015. Following the completion of the permanent aerial utility relocation, Shirley will complete the critical roadway construction activities to open Stage 1 of Walney Road by June 12, 2013. In Stage 2 the critical path follows demolition of the existing bridge and construction of the Stage 2 bridge through November 16, 2015. Once the bridge is complete and inspected by VDOT, we will complete surface paving by November 20, 2015. Final paving will be followed by permanent markings and punchlist activities through the December 30, 2015 Final Completion date.