



Greenview Dr

A DESIGN-BUILD PROJECT

TECHNICAL PROPOSAL

Greenview Drive Widening

From: Hermitage Road (Route 1541)

To: 0.2 Miles South of Leesville Road (Route 682)

City of Lynchburg and Campbell County, Virginia

State Project No.: U000-118-259, R201, C501

Contract ID Number: C00106320DB79

Submitted to:

Virginia Department of Transportation

Submitted by:

W.C. English, Inc.

In association with: **Parsons Brinckerhoff, Inc.**





Greenview Dr



615 Church Street, Lynchburg, Virginia 24504
P. O. Box P-7000, Lynchburg, Virginia 24505
Tel: (434) 845-0301 Fax: (434) 845-0306

November 10, 2014

*Kevin Reichert, P.E.
Alternate Project Delivery Office
Virginia Department of Transportation
1401 East Broad Street
Annex Building, 8th Floor
Richmond, VA 23219*

Re: Technical Proposal Letter of Submittal – Greenview Drive Widening, City of Lynchburg and Campbell County, Virginia

Dear Mr. Reichert:

The widening of Greenview Drive has been a major priority for the City of Lynchburg for a very long time. The inadequate intersection, along with expanded development and residential growth in the area, has created a tremendous need to improve Greenview Drive, including the intersection of Greenview Drive and Leesville Road. The existing congestion warrants the need to increase capacity by providing the entire corridor with a four-lane typical section.

W. C. English, Incorporated (English) has assembled a team of experienced firms and personnel who are focused on providing the Department with not only the best price for this project, but also unsurpassed quality. English, along with many of our team participants, are members of the Lynchburg community and are committed to making this a successful and useful project for both the City of Lynchburg and Campbell County. In addition, we have identified regional firms and personnel who bring design-build and road widening experience and knowledge to the team. I am confident our Proposal presents a team of unmatched experience and accomplishment for which English is long recognized.

Our design and engineering partner for this project is **Parsons Brinckerhoff**. Other team members include **ECS Mid-Atlantic, LLC**, (QA testing; environmental permitting); **NXL Construction Services, Inc.** (construction QC testing); **Pulsar Advertising, Inc.** (public involvement); **Sabra, Wang & Associates, Inc.** (roadway lighting; signal design); **Stantec Consulting Services, Inc., Appraisal Review Specialists, LLC and Crider, Bouye, Elliott** (VDOT-prequalified right-of-way manager, fee appraiser and review specialist); and **Thompson & Litton** (surveys).

As requested in section 4.1 of the RFP, the English team offers the following information:

4.1.2 If selected, English will enter into a contract with VDOT for the Project in accordance with the terms of the RFP.

Mr. Kevin Reichert, P.E.
November 10, 2014

4.1.3 English confirms that our offer will remain in full force and effect for one hundred twenty (120) days after the date the Letter of Submittal and Attachments are actually submitted to VDOT.

4.1.4, 4.1.5 Wilson L. Dickerson, Jr., P.E. (Senior Vice President) is the *principal officer* of W.C. English, Incorporated the legal entity with whom a design-build contract with VDOT will be written. Mr. Dickerson will serve as the *authorized representative* and *point of contact* for the English team relative to this proposal, and he will serve as the offeror's representative. His contact information is shown to the right.

W. C. English, Incorporated
615 Church Street
Lynchburg, VA 24504
Phone: 434-845-0301
Fax: 434-845-0306
wdickerson@englishconst.com

4.1.6 English will deliver this project by July 26, 2017, as required per RFP Section 2.3.1.

4.1.7 See Attachment 9.3.1 in the Appendices.

4.1.8 See Attachments 11.8.6(a) and 11.8.6(b) in the Appendices.

4.1.9 English is fully committed to meeting and/or exceeding the 7% DBE participation goal for the entire value of the contract. Our team already includes the following subconsultants to help fulfill this goal: **NXL Construction Services, Inc. (DBE 626437); Pulsar Advertising, Inc. (DBE 005622); and Sabra, Wang & Associates, Inc. (DBE 000982)**

Our team is 100% committed to delivering a successful quality project to VDOT on-time and on-budget. We appreciate the opportunity to submit our qualifications to you and look forward to being selected for this design-build contract. If you have any questions or need further information, please contact me.

Respectfully submitted,

W. C. English, Incorporated



Wilson L. Dickerson, Jr., P.E.
Senior Vice President



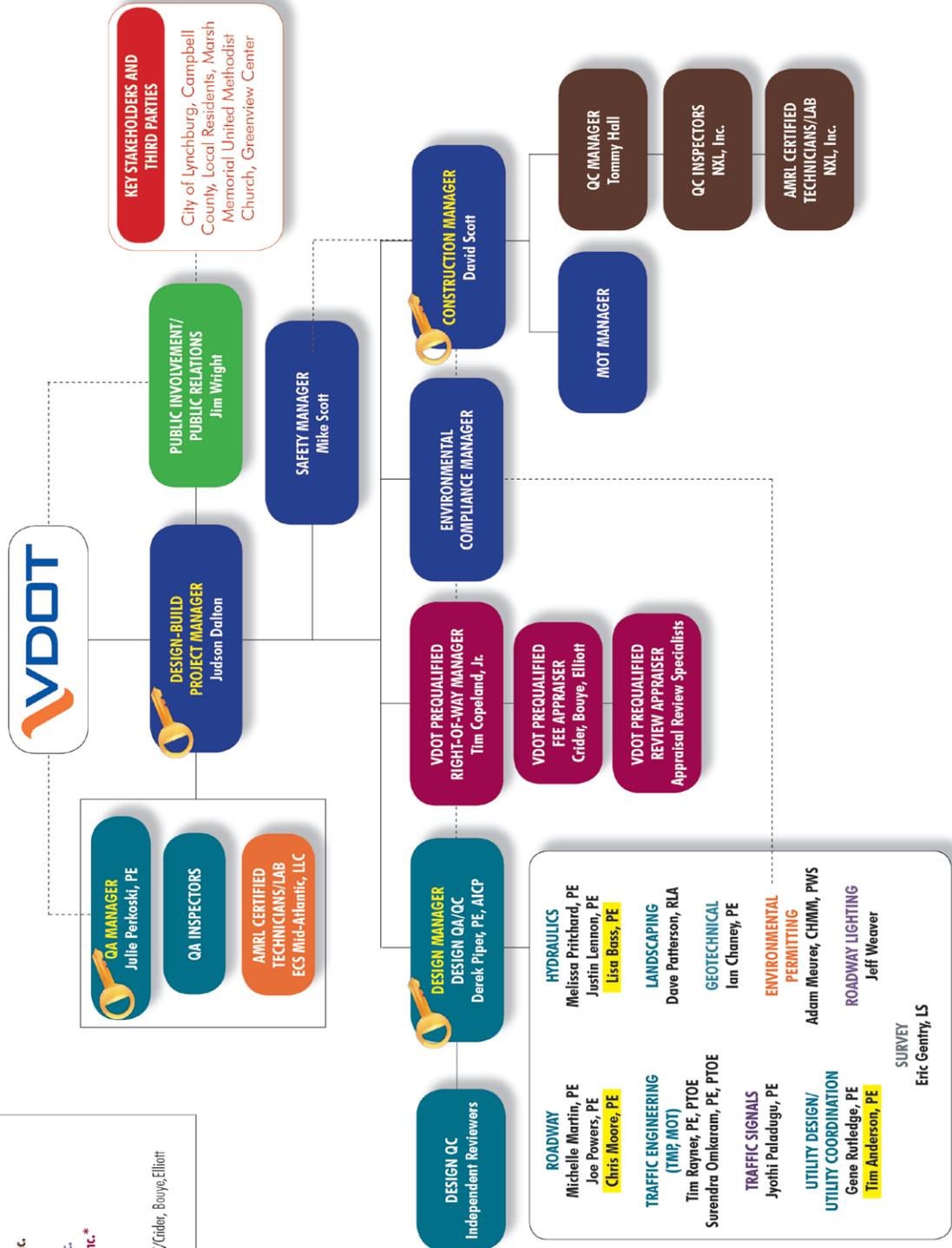


Greenview Dr

LEGEND

- W.C. English, Inc.
- Parsons Brinckerhoff, Inc.
- ECS Mid-Atlantic, LLC
- NXI Construction Company, Inc.
- Pulsar Advertising, Inc.
- Sabra, Wang & Associates, Inc.
- Stantec Consulting Services, Inc.*
- Thompson & Liffon

*Including Appraisal Review Specialists, LLC/Cider, Bouye, Elliott



KEY PERSONNEL

- DIRECT REPORTING
- - - COMMUNICATION
- VDOT APPROVED PERSONNEL CHANGES

4.2.1 | ORGANIZATIONAL CHART AND KEY PERSONNEL

The English Team is structured to provide VDOT with a single point of contact, the Design-Build Project Manager (DBPM), Judson Dalton, who will be responsible for all design and construction activities and the overall management of a well-integrated team. Our reporting and functional relationships are described below and delineated on the Organizational Chart on the following page. The English Team organization has a straight-forward chain of command, with individual tasks, responsibilities, and functional relationships clearly identified. Further, a distinct separation is shown between construction and QA; including the separation between the respective QA and QC inspection and field/AMRL-certified laboratory testing facilities in accordance with the *Minimum Requirements for Quality Assurance and Quality Control on Design Build and P3 Projects, January 2012*. The Organizational Chart depicts VDOT and third parties, stakeholders, key personnel, support personnel, and their relationships and functions.

Per VDOT’s approval, three changes have been made to the organizational chart from that submitted in the SOQ. The organizational chart includes the addition of Mr. Christopher Moore, PE under “Roadway,” Mr. Tim Anderson, PE under “Utility Design/Utility Coordination,” and Ms. Lisa Bass, PE under “Hydraulics.” Mr. Moore, Mr. Anderson, and Ms. Bass are Virginia-licensed Professional Engineers with extensive experience in their respective disciplines.

Functional Relationships and Communication among Participants, including Design and Construction Team Interaction throughout the Project. The English Team ascribes to the DBIA paradigm that “integrated development of the design and construction program is the cornerstone of design-build delivery and this methodology optimizes opportunities for collective excellence.” DB delivery carries with it a united team responsibility to gain a full understanding of the owner’s intentions and the factors that will drive value into the process and outcome. Put into practice, English’s DBPM, CM and construction personnel will interface with design counterparts from Parsons Brinckerhoff and Stantec’s right-of-way manager throughout the entire design and construction phases.

Design–Construction Interface. The English Team’s extensive DB experience has shown that a *Task Force approach* during the design stage and throughout project execution is critical to ensuring a successful project. Task Forces, led by the DBPM, serve as a conduit for disseminating project-critical information and are the central point of decision-making and communication among all involved in the project. These regular, open forums of discussion among team members (both design and construction) and VDOT to address respective project elements serve to clearly define project criteria, ensure VDOT’s intentions are being met, address corridor-wide constructability issues, and provide consistency in design before becoming schedule-critical. Through this approach, we create a firm relationship that sets the foundation to interact and partner with VDOT and third-party stakeholders, streamline reviews, eliminate potential construction field issues, and deliver the project safely, on time, and within budget.

Role	Reports To	Design/Construction Interface
Design-Build Project Manager (DBPM): Judson Dalton	VDOT	<ul style="list-style-type: none"> ✓ DB Team point of contact to VDOT. ✓ Responsible for overall project design, permitting, right-of-way acquisition, utility relocation, construction, quality management and contract administration. ✓ Directs DM, CM, and QAM ✓ Chairs and manages the project Task Forces. ✓ Responsible for overall project safety—design and construction.
Quality Assurance Manager (QAM): Julie Perkoski, PE	DBPM	<ul style="list-style-type: none"> ✓ Independent from all construction operations. ✓ Coordinates with the Design QA for DQMP compliance. ✓ Interacts directly with the DBPM. ✓ Authority to stop work on the project due to poor quality.
Design Manager (DM): Derek Piper, PE, AICP	DBPM	<ul style="list-style-type: none"> ✓ Directs and coordinates the integration of design disciplines. ✓ Responsible for the design schedule and overall design quality. ✓ Through the DBPM, coordinates with VDOT’s design review team. ✓ Communicates with CM. ✓ Collaborates with the right-of-way manager during design development to minimize impacts
Construction Manager (CM): David Scott	DBPM	<ul style="list-style-type: none"> ✓ Coordinates with the DM during design development for constructability issues. ✓ Manages and supervises all self-performed activities, MOT, E&S installation and maintenance, and all subcontractors. ✓ Responsible for construction-related field issues.



4.2.2 | CONCEPTUAL ROADWAY PLANS

The Conceptual Roadway Plans are included under separate cover as an Attachment to this Technical Proposal. As required per RFP Part 1, Section 4.2.2, the Conceptual Roadway Plans include plans indicating the number of lanes specified in the RFP Information Package, Typical Sections of proposed improvements to Greenview Drive, and profiles indicating the maximum grade and vertical curve data. Further, the Conceptual Roadway Plans comply with design criteria as noted in RFP Part 2, Attachment 2.2. Finally, we have not included easements for utilities, drainage, and construction, as these will be fully developed during final design.

The English/Parsons Brinckerhoff Team has proposed a significant modification to the vertical profiles of Greenview Drive / Airport Road and Leesville Road to improve constructability, reduce traffic impacts during construction, and reduce utility impacts within the intersection area. The attached Conceptual Roadway Plans were developed using a 713-foot radius for Leesville Road C8, as per the RFP Addendum Plans to allow the widened roadway and sidewalk to remain within the Right-of-Way presented on VDOT's RFP Addendum Plans. However, per AASHTO, the 713-foot radius for Leesville Road C8 requires a 4% superelevation and not the 2% superelevation presented on VDOT's RFP Addendum Plans (see superelevation diagram on Sheet C16).

As presented in the Proprietary Meeting Summary, the English/Parsons Brinckerhoff Team intends to propose minor geometric adjustments to Leesville Road curve C8 during final design, to eliminate the need for superelevation, in accordance with AASHTO Low-Speed Urban Street design requirements. The proposed adjustments to increase the radius of Leesville Road C8 will comply with the Project design criteria. Again, this modification will improve constructability by reducing the changes in grade between existing pavement and the widened areas, while facilitating significant improvements to the Greenview Drive / Airport Road profile grade as shown on the plans in the Attachment. The minor geometric adjustments proposed by the English/Parsons Brinckerhoff Team will require similar minor adjustments to Proposed Right-of-Way; however, the English/Parsons Brinckerhoff Team understands that the cost of additional Right-of-Way and easements and any potential NEPA approvals resulting from the proposed geometric modifications, will be our responsibility.

Finally, the English/Parsons Brinckerhoff Team acknowledges receipt of a notification from Mr. Kevin Reichert regarding elimination of sidewalks originally presented on RFP Conceptual Plan Sheet Nos. C1 and C13. We understand that specific sections of sidewalk have been eliminated from the Project per the communication received from Mr. Reichert on Nov. 7, 2014.



4.2.3 | PROPOSAL SCHEDULE

4.2.3.1 Proposal Schedule

The Proposal Schedule is included under separate cover as an Attachment to this Technical Proposal.

4.2.3.2 Greenview Drive Preliminary Narrative

Contract Milestones

Activity ID	Activity Name	Activity Type	Activity Status	Planned Start	Planned Finish
Greenview Drive Proposal Schedule GREENVIEW.1 Project Milestones					
0005	NTP	Start Milestone	Not Started	18-Feb-15	
0007	Final Completion	Finish Milestone	Not Started		26-Jul-17
0016	Contract Award	Finish Milestone	Not Started		18-Feb-15

Overall Project Plan

English's schedule and price is based on the following plan and phasing for the Greenview Drive Project: Design efforts will begin immediately after NTP to establish final geometry and allow for utility coordination necessary to establish final right-of-way and temporary/permanent easements. Right-of-way acquisition will commence upon VDOT approval of the Final Right-of-Way Plans and authorization to commence acquisition. All activities for design, environmental approvals/permitting, utility relocation, and right-of-way acquisition have been detailed in the proposal schedule, so that they can be properly managed and tracked to facilitate early construction activities. Due to traffic operations at the intersection being controlled by a traffic signal, all construction phases for Greenview Drive, Airport Road, and Leesville Road will have to be coordinated to limit the number of temporary traffic signal configurations and traffic shifts. This will be accomplished by utilizing as much of the existing pavement and traffic configurations in the early phases as possible. Subsequent phases will utilize newly constructed and widened portions of all roadways. Finally, the last phase of work will include the surface pavement, final pavement markings, final signal configuration, landscaping, and the construction of any area not available for construction in the earlier phases due to existing traffic constraints and transitions.

Detailed Project Plan for Initial 120 Days

After Notice to Proceed, the notice of intent to enter and project surveys will commence immediately to initiate final design. The right-of-way acquisition process will also begin while public / private utility relocation plans are in final development. Environmental site assessments along with geotechnical exploration and testing will lead to effective environmental management and quality assurance and control measures.

Project Critical Path Based on “Longest Path”

The project critical path commences with Notice to Proceed and continues through setting right-of-way and easements necessary to develop Final Right-of-Way Plans for VDOT review and approval. The critical path then proceeds through VDOT’s formal notice of authorization to commence right-of-way acquisition, then through the acquisition process. Upon the completion of right-of-way acquisition, the critical path then proceeds through utility relocations and the various construction phases.

Construction Phasing

Greenveiw Drive and Airport Road:

Phase I:

The intent is to maintain vehicular traffic on the existing pavement along Greenview Drive and Airport Road during Phase I, while the widening is constructed parallel to the existing roadways. The construction included in Phase I would include all erosion and sediment controls, clearing and grubbing, storm drainage, grading, utility relocations, sanitary sewer, underdrain, subbase placement, underground lighting components, curb & gutter, sidewalk and multi-use path, signage, temporary traffic signal, and temporary pavement markings.

Phase II:

During Phase II, traffic would be placed on the new pavement utilizing the temporary pavement markings, traffic pattern, and temporary signal configuration. New construction will include the remainder of the widened Greenview Drive and Airport Road construction/reconstruction including, all erosion and sediment controls, any clearing and grubbing, limited storm drainage, mass and fine grading, utility relocations, underdrain, stone placement, underground lighting components, curb & gutter, sidewalk and multi-use path, signage, and temporary pavement markings. Due to grade changes at the Greenview Drive / Airport Road approaches to Leesville Road, it appears that two stages of construction will be required in this area during this phase, with traffic operations controlled by modifications to the temporary traffic signal.

Phase III:

Phase III would include all surface pavement, final pavement markings, landscaping, final lighting, final signage, and any other permanent construction in the transition areas that were not available for construction during Phase I or II due to traffic patterns and movements. The traffic signal will also be placed into its final configuration.

Leesville Road:

Phase I:

During this phase, traffic will be shifted slightly on existing Leesville Road utilizing temporary pavement markings and a temporary traffic signal. Once traffic is placed in its temporary condition, the new construction and reconstruction of Leesville Road will take place to the opposite side. Construction activities will include all erosion and sediment controls, clearing

and grubbing, storm drainage, grading, utility relocations, sanitary sewer, underdrain, subbase placement, underground lighting components, curb & gutter, sidewalk, signage, and temporary pavement markings.

Phase II:

Existing traffic will be relocated to the newly constructed section of Leesville Road utilizing temporary pavement markings. Then, the remainder of Leesville Road will be constructed/reconstructed to include erosion and sediment controls, clearing and grubbing, storm drainage, grading, utility relocations, underdrain, subbase placement, underground lighting components, curb & gutter, sidewalk and multi-use path, signage, temporary traffic signal modifications, and temporary pavement markings.

Phase III:

Phase III would include all surface pavement, final pavement markings, landscaping, lighting, final signage, and any other permanent construction in the transition areas that were not available for construction during Phase I or II due to traffic patterns and movements. The traffic signal will also be placed into its final configuration.

Significant Submittal and Fabrication Items

Activity ID	Activity Name	Original Duration	Start	Finish
A11010	Traffic Signals Fabrication and Procurement	90	27-Jul-15	24-Oct-15
A11110	Lighting Poles and Fixtures Fabrication and Procurement	90	08-Aug-15	05-Nov-15

Work Shifts

English’s normal work schedule is based on a single 10-hour shift per day, 7:00 am through 5:30 pm, five days per week. However, these times are flexible and will be modified as the demands of the job dictate, to include activities that will require night operations. All work times will be in compliance with the Work Hour Restrictions outlined in Part 2, Section 2.10.1 of the RFP.

Work Calendars

5-Day with Holidays:

A five-day work-week with holidays considered non-work days. This calendar is used for activities that are constrained by weekends and holidays.

7-Day:

This calendar is based on seven days per week. This calendar is used for review activities and concrete curing.

Asphalt/Weather:

This calendar is based on a five-day work-week with holidays considered non-work days and weather days incorporated using a 30-year weather mean compiled from National Oceanic and Atmospheric Administration (NOAA). This calendar is used for activities that need to be constrained by weather and cold temperatures.

Weather:

This calendar is based on a five-day work-week with holidays and cold weather considered non-work days and weather days incorporated using the 30-year weather mean compiled from NOAA. This calendar is used for any activity that can be affected by weather.

Holidays:

The non-working holidays incorporated into the working schedule are as follows: New Year's Day, Martin Luther King Jr. Day, Friday before Easter, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the day after Thanksgiving, and Christmas.



Greenview Dr

**Attachment 4.0.1.1:
Technical Proposal Checklist and Contents**

ATTACHMENT 4.0.1.1
GREENVIEW DRIVE WIDENING
TECHNICAL PROPOSAL CHECKLIST AND CONTENTS

Offerors shall furnish a copy of this Technical Proposal Checklist, with the page references added, with the Technical Proposal.

Technical Proposal Component	Form (if any)	RFP Part 1 Cross Reference	Page Reference
Technical Proposal Checklist and Contents	Attachment 4.0.1.1	Section 4.0.1.1	Appendix
Acknowledgement of RFP, Revisions, and/or Addenda	Attachment 3.6 (Form C-78-RFP)	Sections 3.6, 4.0.1.1	Appendix
Letter of Submittal	NA	Sections 4.1	1
Letter of Submittal on Offeror's letterhead	NA	Section 4.1.1	1
Offeror's official representative information	NA	Section 4.1.1	2
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	2
Point of Contact information	NA	Section 4.1.4	2
Principal Officer information	NA	Section 4.1.5	2
Final Completion Date	NA	Section 4.1.6	2
Proposal Payment Agreement or Waiver of Proposal Payment	Attachment 9.3.1 or 9.3.2	Section 4.1.7	Appendix
Certification Regarding Debarment Forms	Attachment 11.8.6(a) Attachment 11.8.6(b)	Section 4.1.8	Appendix
Written statement of percent DBE participation	NA	Section 4.1.9	2
Attachments to the Letter of Submittal	NA	Section 4.2	3

ATTACHMENT 4.0.1.1
GREENVIEW DRIVE WIDENING
TECHNICAL PROPOSAL CHECKLIST AND CONTENTS

Technical Proposal Component	Form (if any)	RFP Part 1 Cross Reference	Page Reference
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	4
Organizational chart with any updates since the SOQ submittal clearly identified	NA	Section 4.2.1	3
Revised narrative when organizational chart includes updates since the SOQ submittal	NA	Section 4.2.1	4
Conceptual Roadway Plans – Plan View	NA	Section 4.2.2	Separate Volume
Conceptual Roadway Plans – Typical Sections	NA	Section 4.2.2	Separate Volume
Proposal Schedule	NA	Section 4.2.3	Separate Volume
Proposal Schedule Narrative	NA	Section 4.2.3	7
Proposal Schedule in electronic format (CD or DVD-Rom)	NA	Section 4.2.3	CD

**Attachment 3.6:
Form C-78-RFP**

ATTACHMENT 3.6**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

RFP NO. C0016320DB79
 PROJECT NO.: U000-118-259, R201, C501

ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA

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

By signing this Attachment 3.6, 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 11, 2014 – RFP
(Date)
2. Cover letter of October 28, 2014 – Addendum #1
(Date)
3. Cover letter of _____
(Date)

W. C. English, Incorporated



 SIGNATURE

11/10/14

 DATE

Wilson L. Dickerson, Jr., P.E.

 PRINTED NAME

Senior Vice President

 TITLE

**Attachment 9.3.1:
Proposal Payment Agreement**

ATTACHMENT 9.3.1
PROPOSAL PAYMENT AGREEMENT

THIS PROPOSAL PAYMENT AGREEMENT (this “Agreement”) is made and entered into as of this 23rd day of October, 2014, by and between the Virginia Department of Transportation (“VDOT”), and W. C. English, Incorporated (“Offeror”).

WITNESSETH:

WHEREAS, Offeror is one of the entities who submitted Statements of Qualifications (“SOQs”) pursuant to VDOT’s **June 30, 2014** Request for Qualifications (“RFQ”) and was invited to submit proposals in response to a Request for Proposals (“RFP”) for the **Greenview Drive Widening, Project No. U000-118-259** (“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] W. C. English, Incorporated

By: Wilson L. Dickerson, Jr.

Name: Wilson L. Dickerson, Jr., P.E.

Title: Senior Vice President

Attachment 11.8.6: Debarment Forms

ATTACHMENT NO. 11.8.6(a)

**CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS**

Project: U000-118-259
Contract ID: C00106320DB79

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

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

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

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

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

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

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

 _____ Signature	<u>11/10/14</u> Date	<u>Wilson L. Dickerson, Jr., P.E.</u> <u>Senior Vice President</u> Title
---	-------------------------	--

W. C. English, Incorporated
Name of Firm

ATTACHMENT NO. 11.8.6(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project: U000-118-259
Contract ID: C00106320DB79

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

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

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



Signature Lloyd Graham

October 13, 2014

Date

Senior Vice President
Title

Name of Firm

Parsons Brinckerhoff, Inc.

ATTACHMENT NO. 11.8.6(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project: U000-118-259
Contract ID: C00106320DB79

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

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



Signature

10/10/14

Date

VICE PRESIDENT

Title

ECS MID-ATLANTIC, LLC

Name of Firm

ATTACHMENT NO. 11.8.6(b)

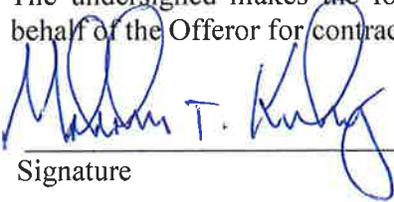
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project: U000-118-259
Contract ID: C00106320DB79

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

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

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


Signature

11/10/14
Date

President
Title

NXL Construction Services, Inc.
Name of Firm

ATTACHMENT NO. 11.8.6(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project: U000-118-259
Contract ID: C00106320DB79

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

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

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

	10/22/14	PARTNER
Signature	Date	Title

PULSAR ADVERTISING
Name of Firm

ATTACHMENT NO. 11.8.6(b)

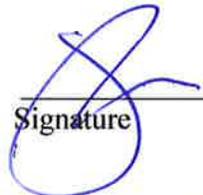
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project: U000-118-259
Contract ID: C00106320DB79

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

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

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

 _____ Signature	<u>10/10/2014</u> _____ Date	<u>Principal</u> _____ Title
<u>Sabra, Wang & Associates, Inc.</u> _____ Name of Firm		

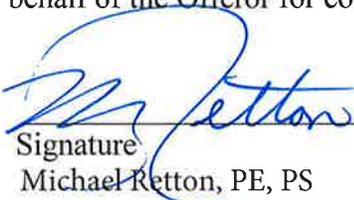
ATTACHMENT NO. 11.8.6(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project: U000-118-259
Contract ID: C00106320DB79

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

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

	October 6, 2014	Senior Principal
Signature	Date	Title
Michael Retton, PE, PS		

Stantec Consulting Services Inc.
Name of Firm

ATTACHMENT NO. 11.8.6(b)

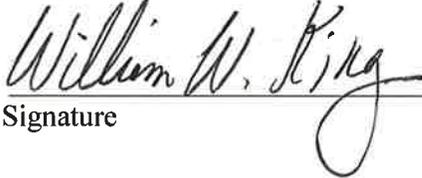
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project: U000-118-259
Contract ID: C00106320DB79

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

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

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

 10-09-14

Signature Date

VP - Marketing

Title

Thompson & Litton, Inc.

Name of Firm



A DESIGN-BUILD PROJECT



CONCEPTUAL ROADWAY PLANS

Greenview Drive Widening

From: Hermitage Road (Route 1541) To: 0.2 Miles South of Leesville Road (Route 682)
City of Lynchburg and Campbell County, Virginia

State Project No.: U000-118-259, R201, C501
Contract ID Number: C00106320DB79

Submitted to:
Virginia Department of Transportation

Submitted by:
W.C. English, Inc.

In association with: **Parsons Brinckerhoff, Inc.**

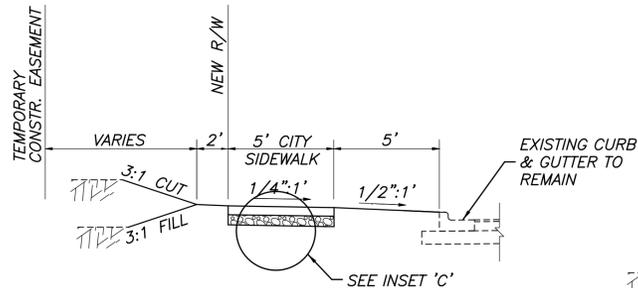
**Attachment 4.2.2:
Conceptual Roadway Plans**

PROJECT MANAGER XXX-XXX-XXXX
SURVEYED BY XXX-XXX-XXXX
DESIGN SUPERVISED BY XXX-XXX-XXXX
DESIGNED BY Parsons Brinckerhoff (757) 466-1732

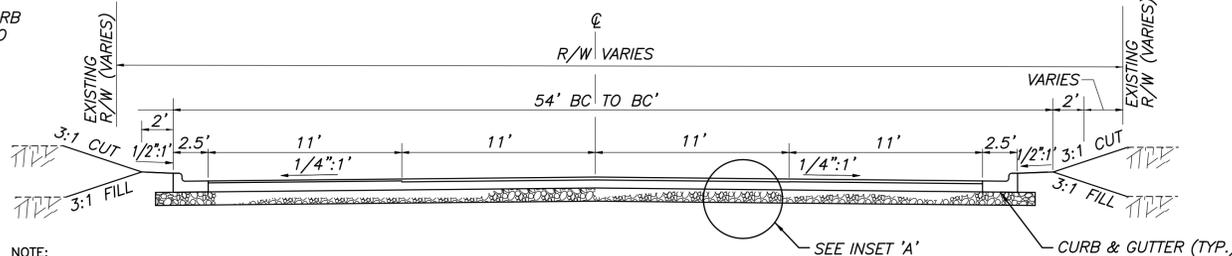
TYPICAL SECTIONS

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	6056	U000-118-259	2A

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

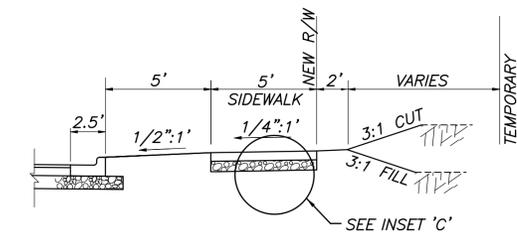


SIDEWALK SECTION
LEESVILLE ROAD
STA. 132+16.13LT TO 143+40.42LT
NOT TO SCALE

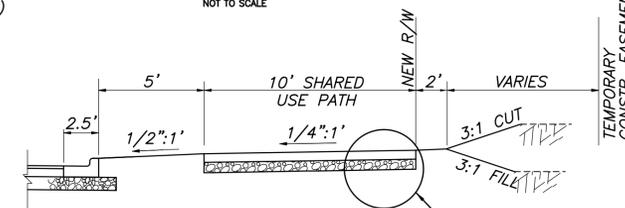


NOTE:
1. TURN LANES ARE 11' IN WIDTH.
2. 4' WIDTH PORTION OF MEDIANS ARE TO HAVE STAMPED CONCRETE

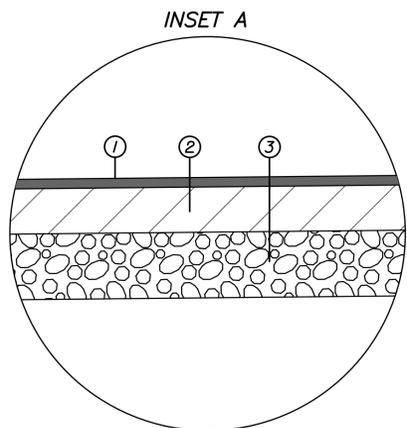
PROPOSED TYPICAL SECTION - LEESVILLE ROAD - STA. 126+90.33 TO 130+26.00
- STA. 138+13.00 TO 140+88.82
NOT TO SCALE



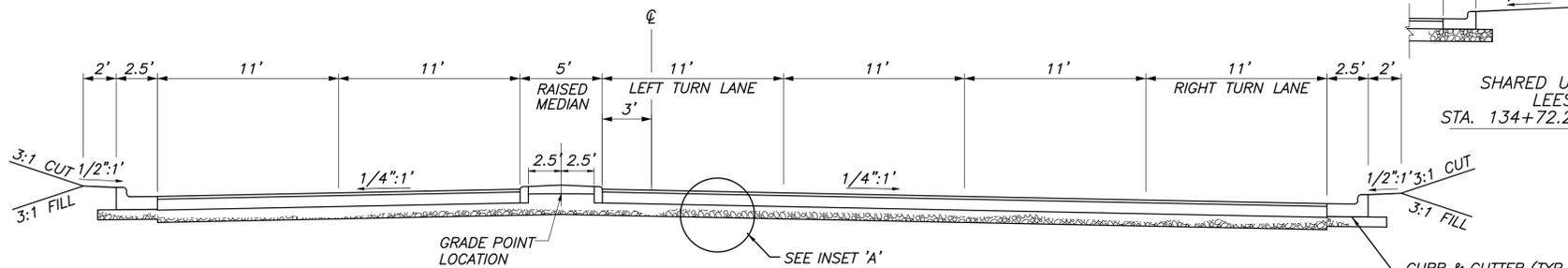
SIDEWALK SECTION
LEESVILLE ROAD
STA. 131+72.22RT TO 134+85.55RT
NOT TO SCALE



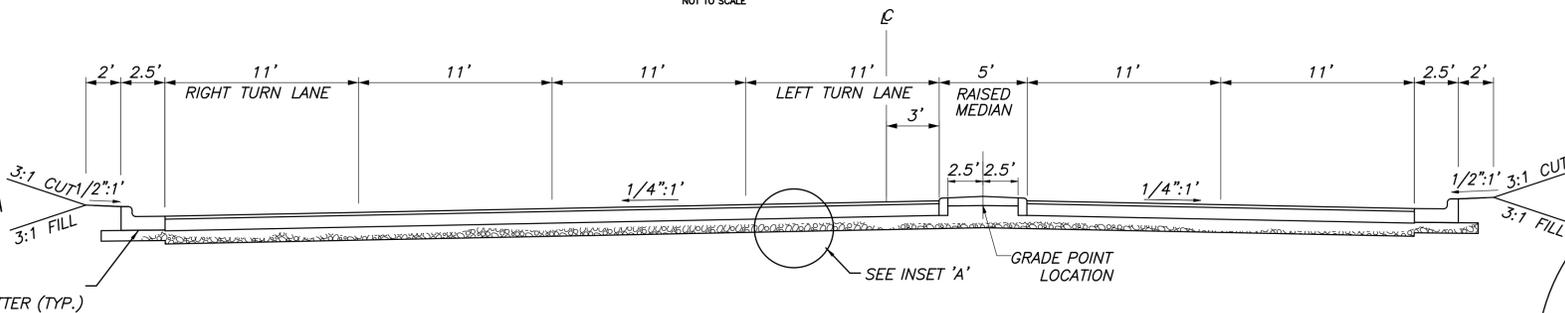
SHARED USE PATH SECTION
LEESVILLE ROAD
STA. 134+72.22RT TO 140+85.55RT
NOT TO SCALE



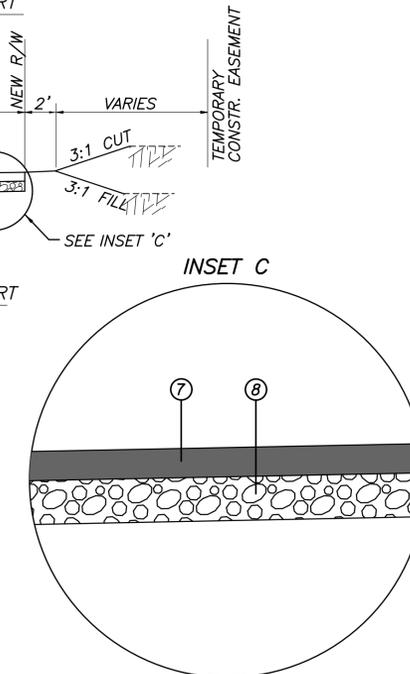
INSET A
NOT TO SCALE



PROPOSED TYPICAL SECTION - LEESVILLE ROAD - STA. 130+26.00 TO 134+16.69
NOT TO SCALE



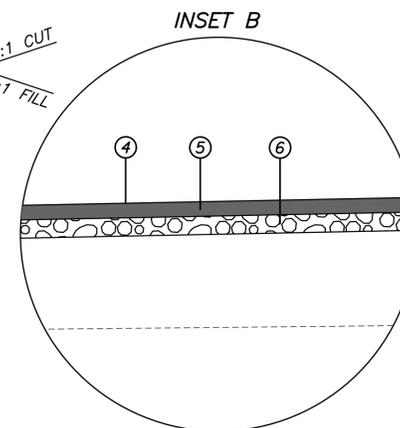
PROPOSED TYPICAL SECTION - LEESVILLE ROAD - STA. 134+16.69 TO 138+13.00
NOT TO SCALE



INSET C
NOT TO SCALE

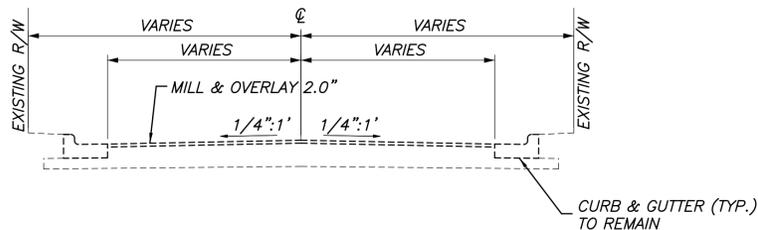
- ① 2.0" Asphalt Concrete Surface Course Type SM-12.5D @ 220 lbs. per Sq.Yd.
- ② 8.0" Asphalt Concrete Base, Type BM-25.0A
- ③ 9.0" Aggregate Base Material, Type 2I-B

- ⑦ 4" Hydraulic Cement Concrete, Class A3
- ⑧ 6" Aggregate Base Material, Type 2I-B

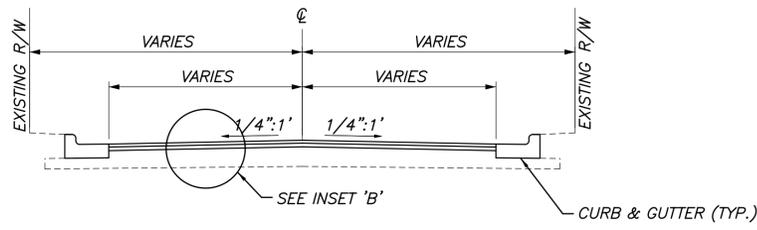


INSET B
NOT TO SCALE

- ④ Mill Existing 2.0"
- ⑤ 2.0" Asphalt Concrete Surface Course, Type SM-12.5D @ 220 lbs. per Sq.Yd.
- ⑥ 2.5" Asphalt Concrete Intermediate Course, Type IM 19.0D @ 220 lbs. per Sq.Yd.



PROPOSED TYPICAL SECTION - MOUNT STERLING ROAD
NOT TO SCALE



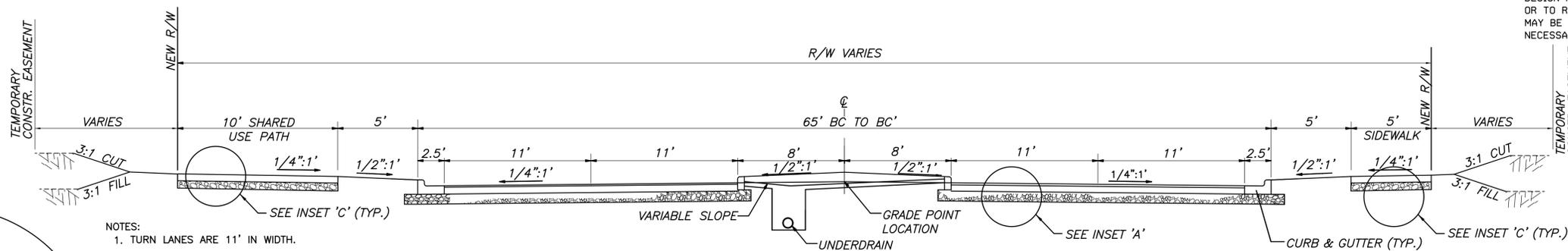
PROPOSED TYPICAL SECTION - HERMITAGE ROAD & E. OVERBROOK ROAD
NOT TO SCALE

PROJECT MANAGER: XXX-XXX-XXXX
SURVEYED BY: XXX-XXX-XXXX
DESIGN SUPERVISED BY: XXX-XXX-XXXX
DESIGNED BY: Parsons Brinckerhoff (757) 466-1732

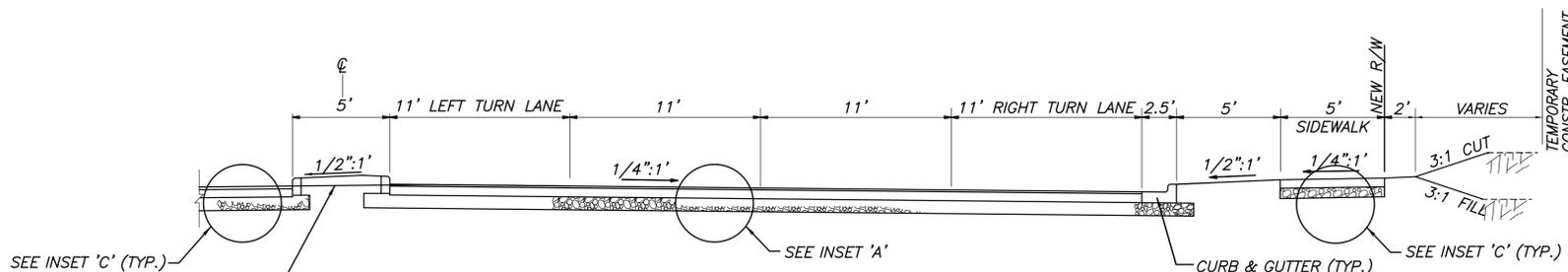
TYPICAL SECTIONS

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	6056		U000-118-259	2A(1)

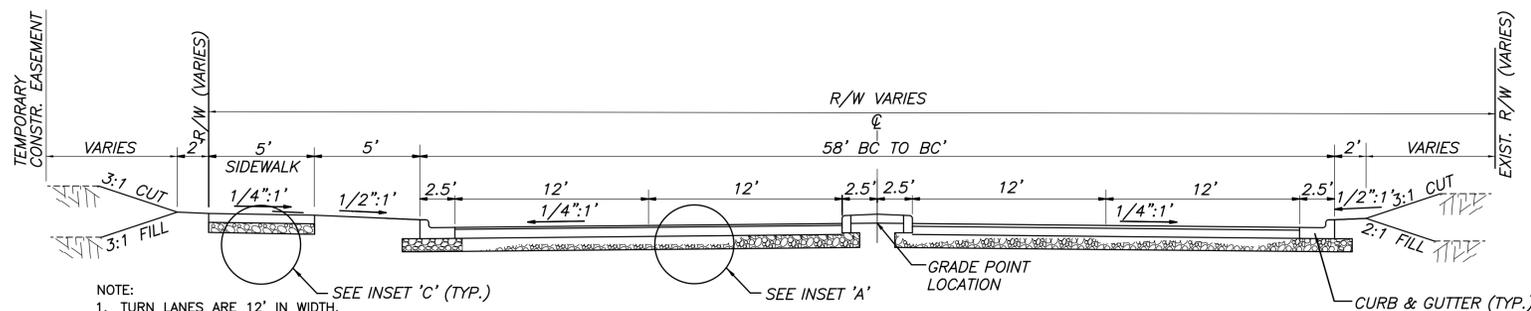
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



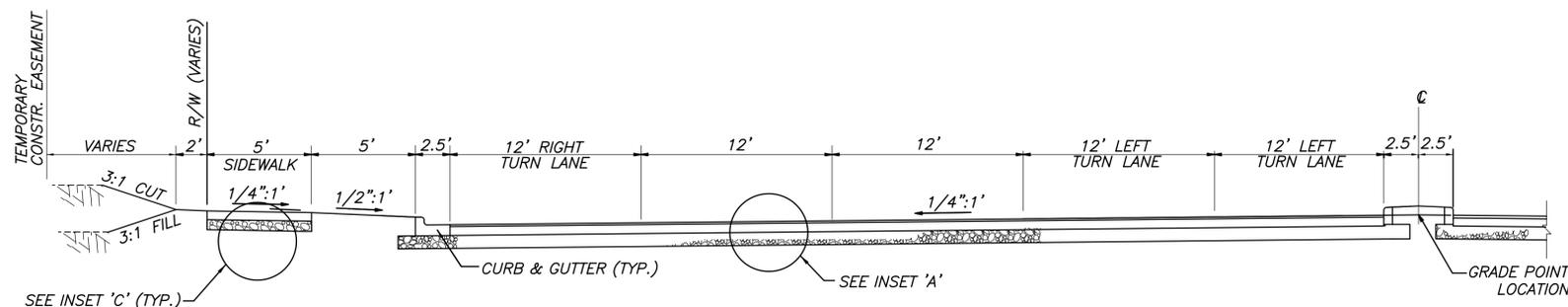
PROPOSED TYPICAL SECTION - GREENVIEW DRIVE - STA. 49+48.84 TO 66+65.00 LT & RT
NOT TO SCALE



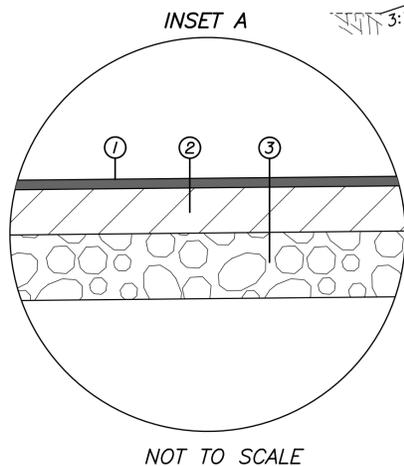
PROPOSED TYPICAL SECTION - GREENVIEW DRIVE - 66+65.00 TO 70+75.00 RT
NOT TO SCALE



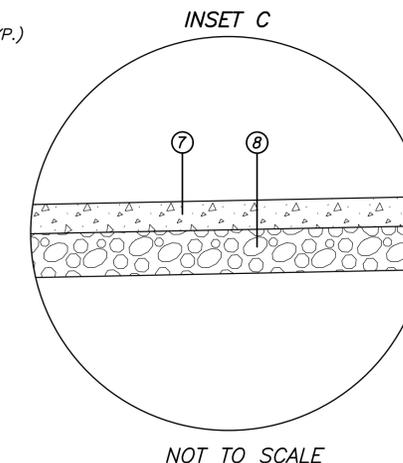
PROPOSED TYPICAL SECTION - AIRPORT ROAD - STA. 70+75.00 TO 82+06.85 LT & RT
NOT TO SCALE



PROPOSED TYPICAL SECTION - AIRPORT ROAD - STA. 70+75.00 TO 78+10.00 LT
NOT TO SCALE

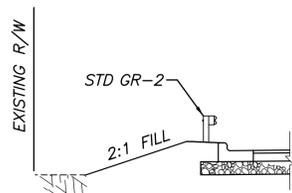


- NOTES:
- TURN LANES ARE 11' IN WIDTH.
 - 4' WIDTH PORTION OF MEDIANS ARE TO HAVE STAMPED CONCRETE.
 - CONCRETE SIDEWALK AND PATHWAY ACROSS ALL ENTRANCES AND/OR DRIVEWAYS SHALL BE 7" THICK, TYP FOR PROJECT.

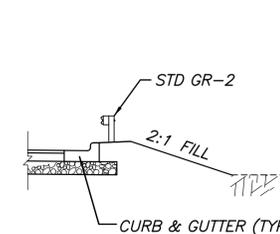


- ① 2.0" Asphalt Concrete Surface Course Type SM-12.5D @ 220 lbs. per Sq.Yd.
- ② 8.0" Asphalt Concrete Base, Type BM-25.0A
- ③ 9.0" Aggregate Base Material, Type 2I-B

- ⑦ 4" Hydraulic Cement Concrete, Class A3
- ⑧ 6" Aggregate Base Material, Type 2I-B



GUARDRAIL SECTION - AIRPORT ROAD
STA. 78+10.00 TO 82+06.85 LT
NOT TO SCALE



GUARDRAIL SECTION - AIRPORT ROAD
STA. 71+89.00 TO 81+51.50 RT
NOT TO SCALE

PROJECT MANAGER XXX-XXX-XXXX
SURVEYED BY XXX-XXX-XXXX
DESIGN SUPERVISED BY XXX-XXX-XXXX
DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	6056		U000-118-259	3

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

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

Curve CI
PI = 48+27.59
DELTA = 22° 43' 38.08" (LT)
D = 7° 54' 10"
T = 145.71'
L = 287.58'
R = 725.00'
PC = 46+81.88
PT = 49+69.46

Begin Construction Sta. 49+48.84

Proposed 10' Shared Use Path

Exist. Gas Line

PROP. R/W

PT 49+69.46

MATCHLINE STA. 50+25 SEE SHEET NO. 4

SILBY, EDWARD A. & BETSY B.
TMP 205-02-009
DB 745 PC 73
1333 GREENVIEW DRIVE
LYNCHBURG VA
ZONED: R-1 (LYNCHBURG)
ZONED: R-SF (CAMPBELL)

COLLINS, JAMES & VALENCIA A.
TMP 356-02-008
DB 356 PC 674
1337 GREENVIEW DRIVE
LYNCHBURG VA
ZONED: R-1 (LYNCHBURG)
ZONED: R-SF (CAMPBELL)

LEGEND

-  Denotes Pavement Milling, Buildup and/or Overlay
-  Denotes Proposed Pavement
-  Denotes Concrete Sidewalk or Shared Use Path
-  Denotes Construction Limits In Cuts
-  Denotes Construction Limits In Fills
-  Denotes Proposed Shade Tree

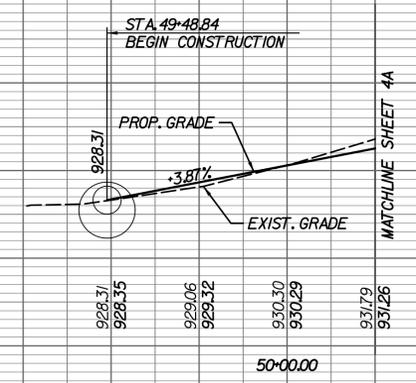


PROJECT U000-118-259 SHEET NO. 3

PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE		PROJECT	SHEET NO.
	STATE	ROUTE		
	VA.	6056	U000-118-259	3A

GREENVIEW DRIVE



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

PROJECT
 U000-118-259

SHEET NO.
 3A

PROJECT MANAGER: XXX-XXX-XXXX
 SURVEYED BY: XXX-XXX-XXXX
 DESIGN SUPERVISED BY: XXX-XXX-XXXX
 DESIGNED BY: Parsons Brinckerhoff (757) 466-1732

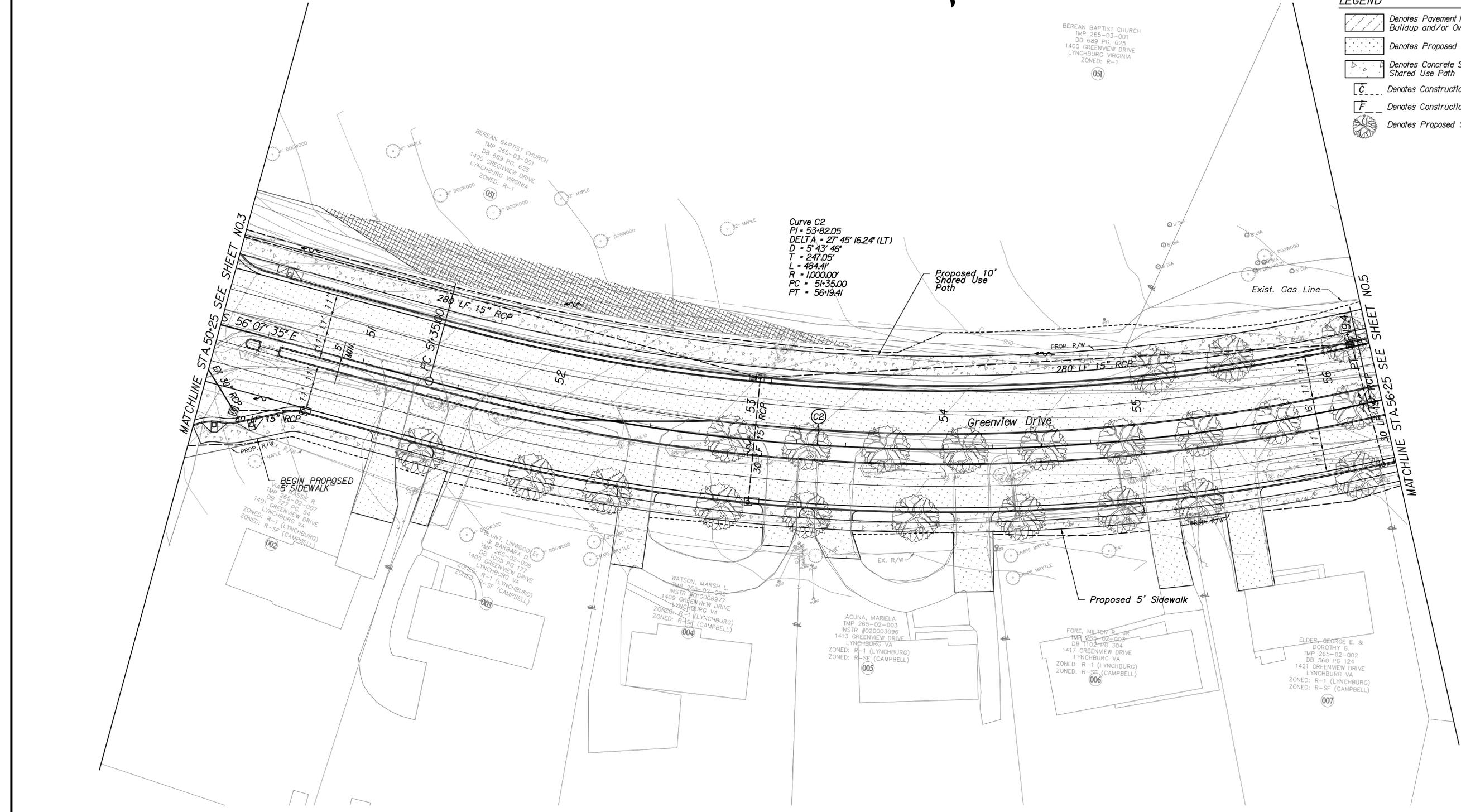
REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	6056		U000-118-259	4

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

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

LEGEND

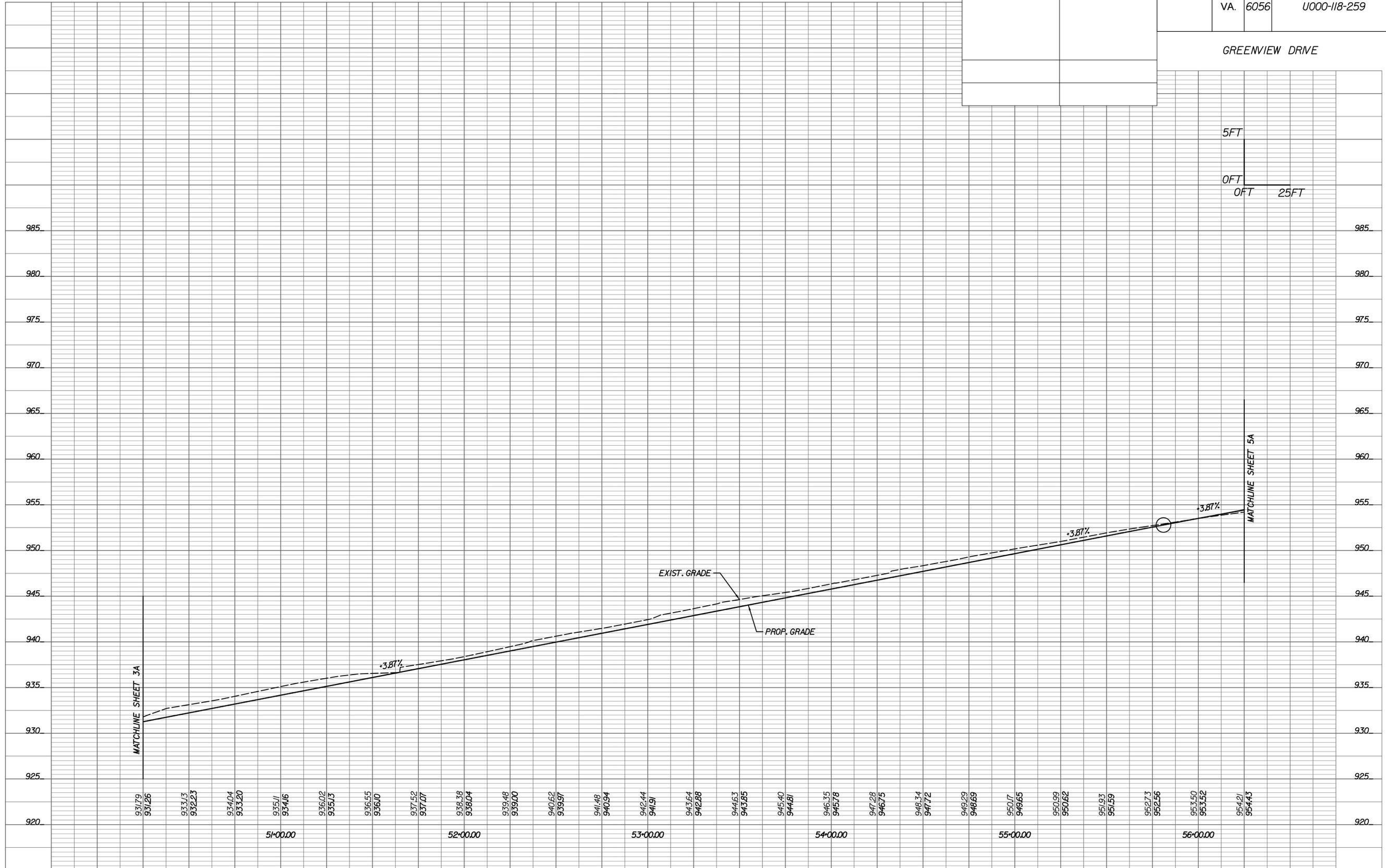
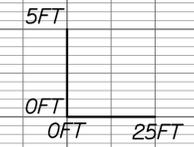
-  Denotes Pavement Milling, Bulldup and/or Overlay
-  Denotes Proposed Pavement
-  Denotes Concrete Sidewalk or Shared Use Path
-  Denotes Construction Limits In Cuts
-  Denotes Construction Limits In Fills
-  Denotes Proposed Shade Tree



PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE	STATE	SHEET NO.
	ROUTE	PROJECT	
	VA.	6056	U000-118-259
			4A

GREENVIEW DRIVE



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

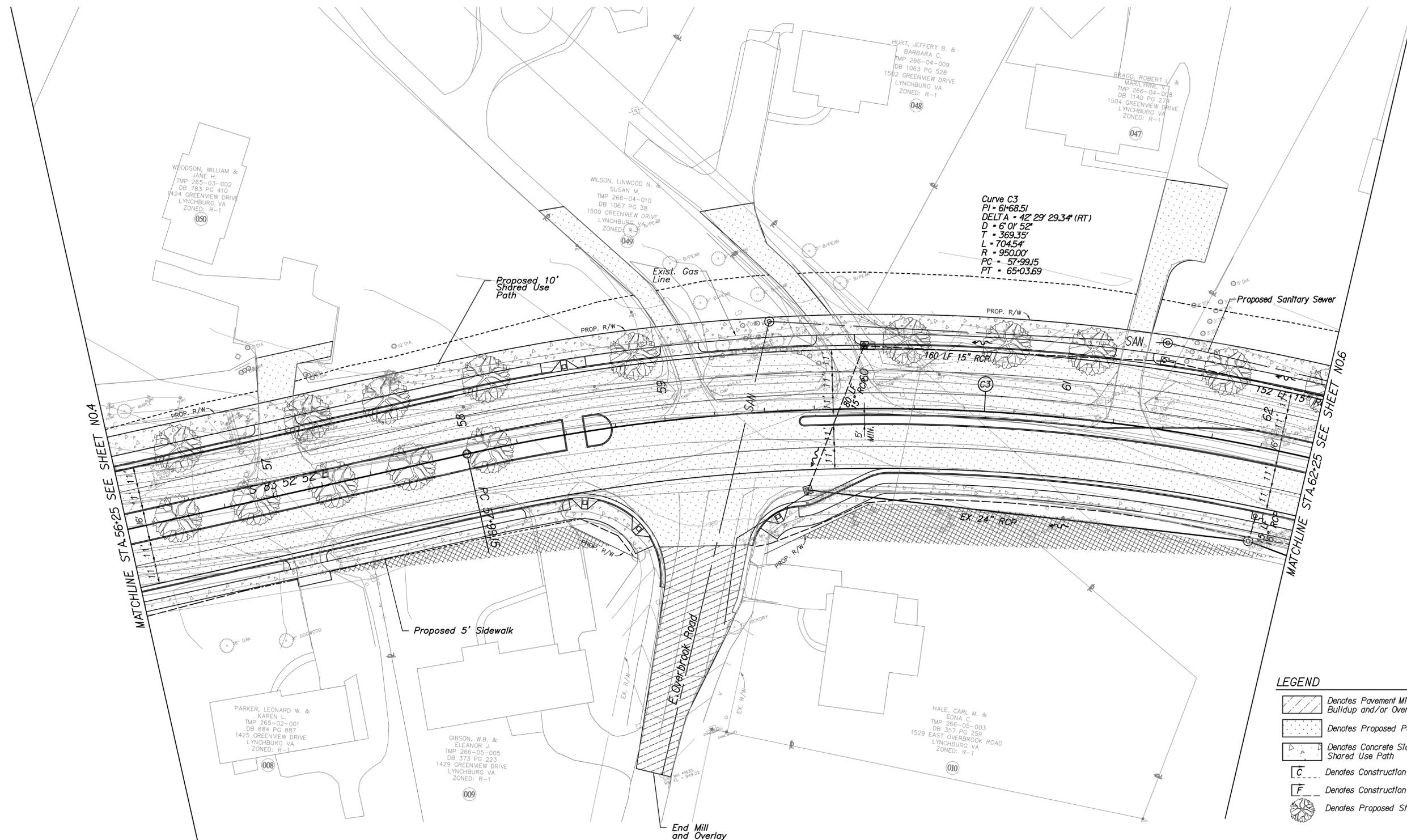
PROJECT	SHEET NO.
U000-118-259	4A

PROJECT MANAGER: XXX-XXX-XXXX
 SURVEYED BY: XXX-XXX-XXXX
 DESIGN SUPERVISED BY: XXX-XXX-XXXX
 DESIGNED BY: Parsons Brinckerhoff (757) 466-1732

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

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	6056		U000-118-259	5

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



Curve C3
 PI = 6+68.51
 DELTA = 42° 29' 29.34" (RT)
 D = 6' 0" 52"
 T = 369.35'
 L = 704.54'
 R = 950.00'
 PC = 57+99.15
 PT = 65+03.69

MATCHLINE STA. 56+25 SEE SHEET NO.4

MATCHLINE STA. 62+25 SEE SHEET NO.6

LEGEND

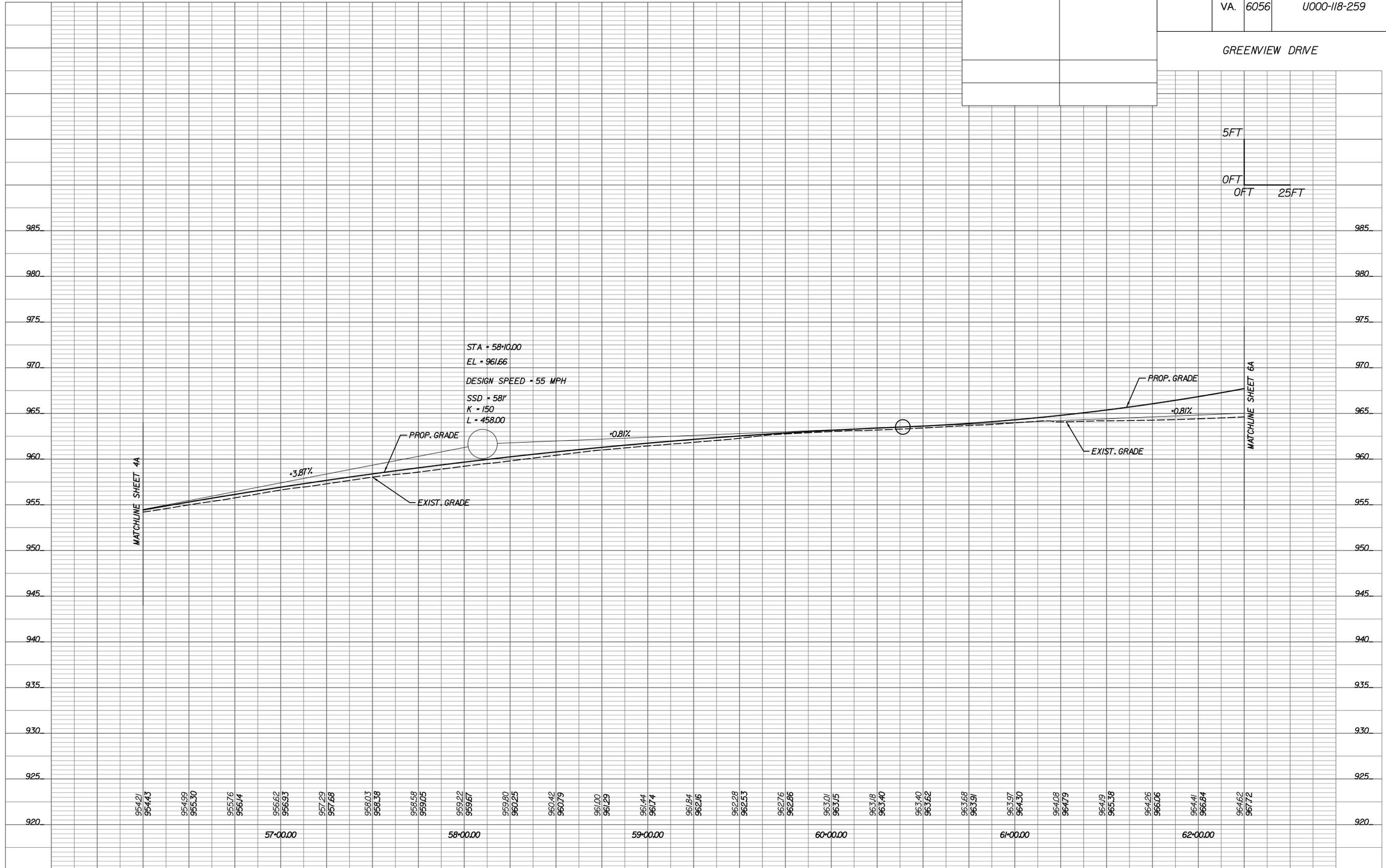
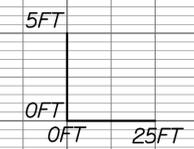
- Denotes Pavement Milling, Buildup and/or Overlay
- Denotes Proposed Pavement
- Denotes Concrete Sidewalk or Shared Use Path
- Denotes Construction Limits In Cuts
- Denotes Construction Limits In Fills
- Denotes Proposed Shade Tree

SCALE 0 25' 50'	PROJECT U000-118-259	SHEET NO. 5
--------------------	-------------------------	----------------

PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE		SHEET NO.
	ROUTE	PROJECT	
	VA.	6056	U000-118-259
			5A

GREENVIEW DRIVE



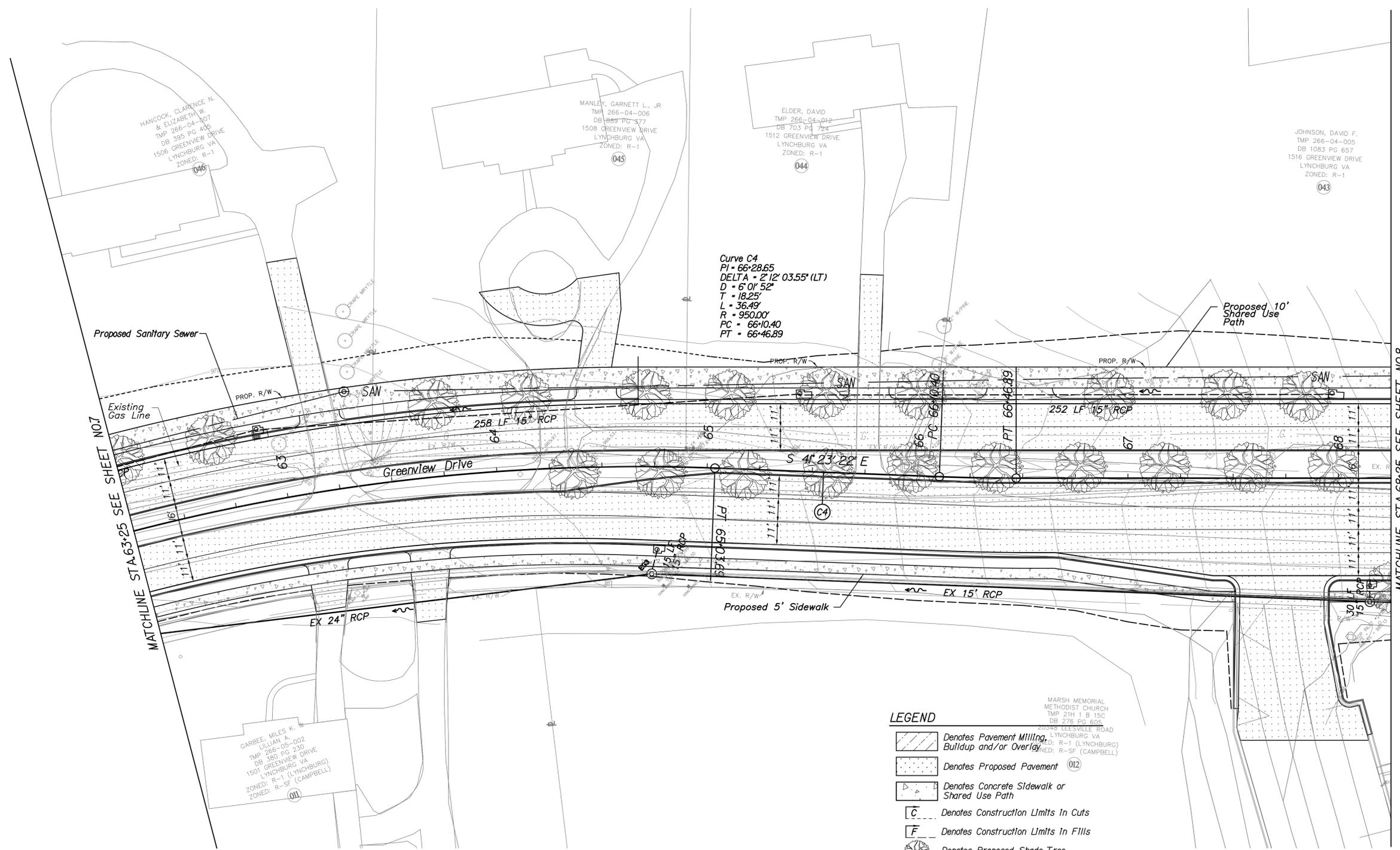
DESIGN FEATURES RELATING TO CONSTRUCTION
 OR TO REGULATION AND CONTROL OF TRAFFIC
 MAY BE SUBJECT TO CHANGE AS DEEMED
 NECESSARY BY THE DEPARTMENT

PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

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

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	6056		U000-118-259	6

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



MATCHLINE STA. 63+25 SEE SHEET NO.7

MATCHLINE STA. 68+25 SEE SHEET NO.8

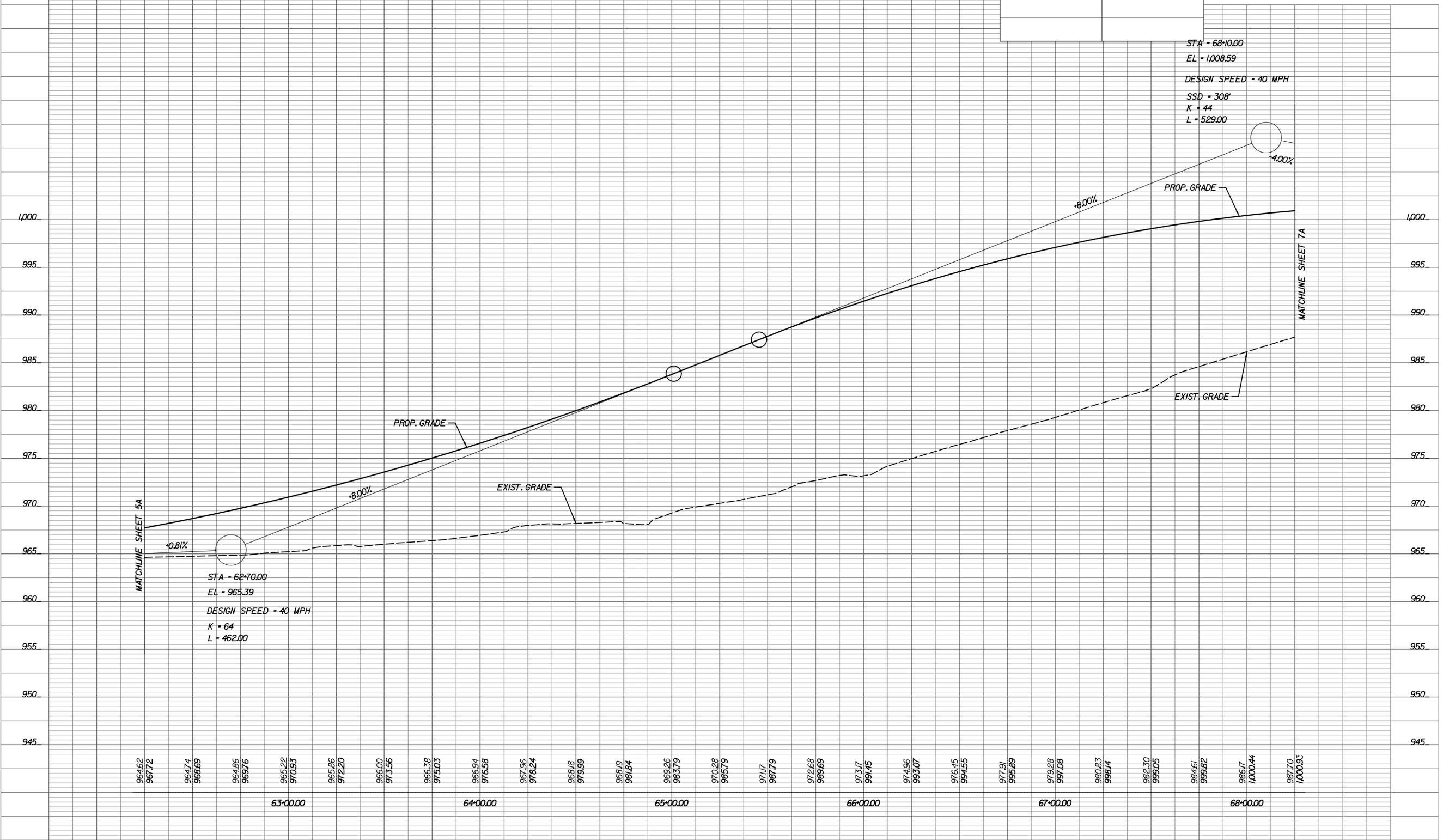
- LEGEND**
- Denotes Pavement Milling, Buildup and/or Overlay
 - Denotes Proposed Pavement
 - Denotes Construction Limits In Cuts
 - Denotes Construction Limits In Fills
 - Denotes Proposed Shade Tree
 - Denotes Concrete Sidewalk or Shared Use Path



PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	6056		U000-118-259	6A

GREENVIEW DRIVE



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 XXX-XXX-XXXX
SURVEYED BY XXX-XXX-XXXX
DESIGN SUPERVISED BY XXX-XXX-XXXX
DESIGNED BY Parsons Brinckerhoff (757) 466-1732

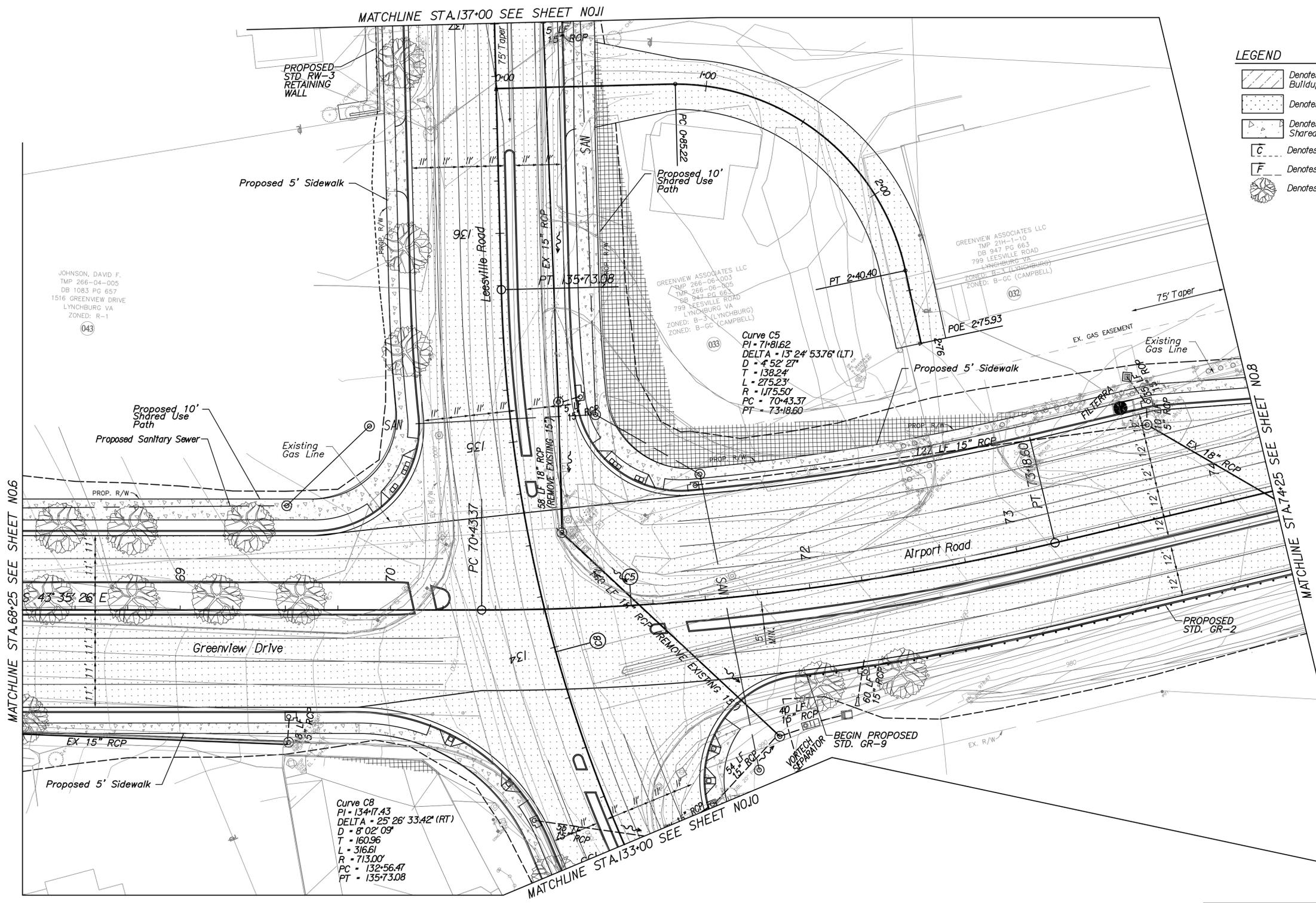
CONCEPTUAL PLANS
THESE PLANS ARE UNFINISHED AND ARE NOT TO BE USED FOR ANY TYPE OF ACQUISITION OF RIGHT OF WAY OR CONSTRUCTION.

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	6056		U000-118-259	7

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

LEGEND

- Denotes Pavement Milling, Bulldup and/or Overlay
- Denotes Proposed Pavement
- Denotes Concrete Sidewalk or Shared Use Path
- Denotes Construction Limits In Cuts
- Denotes Construction Limits In Fills
- Denotes Proposed Shade Tree



MATCHLINE STA. 68+25 SEE SHEET NO.6

MATCHLINE STA.137+00 SEE SHEET NO.11

MATCHLINE STA.133+00 SEE SHEET NO.10

MATCHLINE STA.74+25 SEE SHEET NO.8

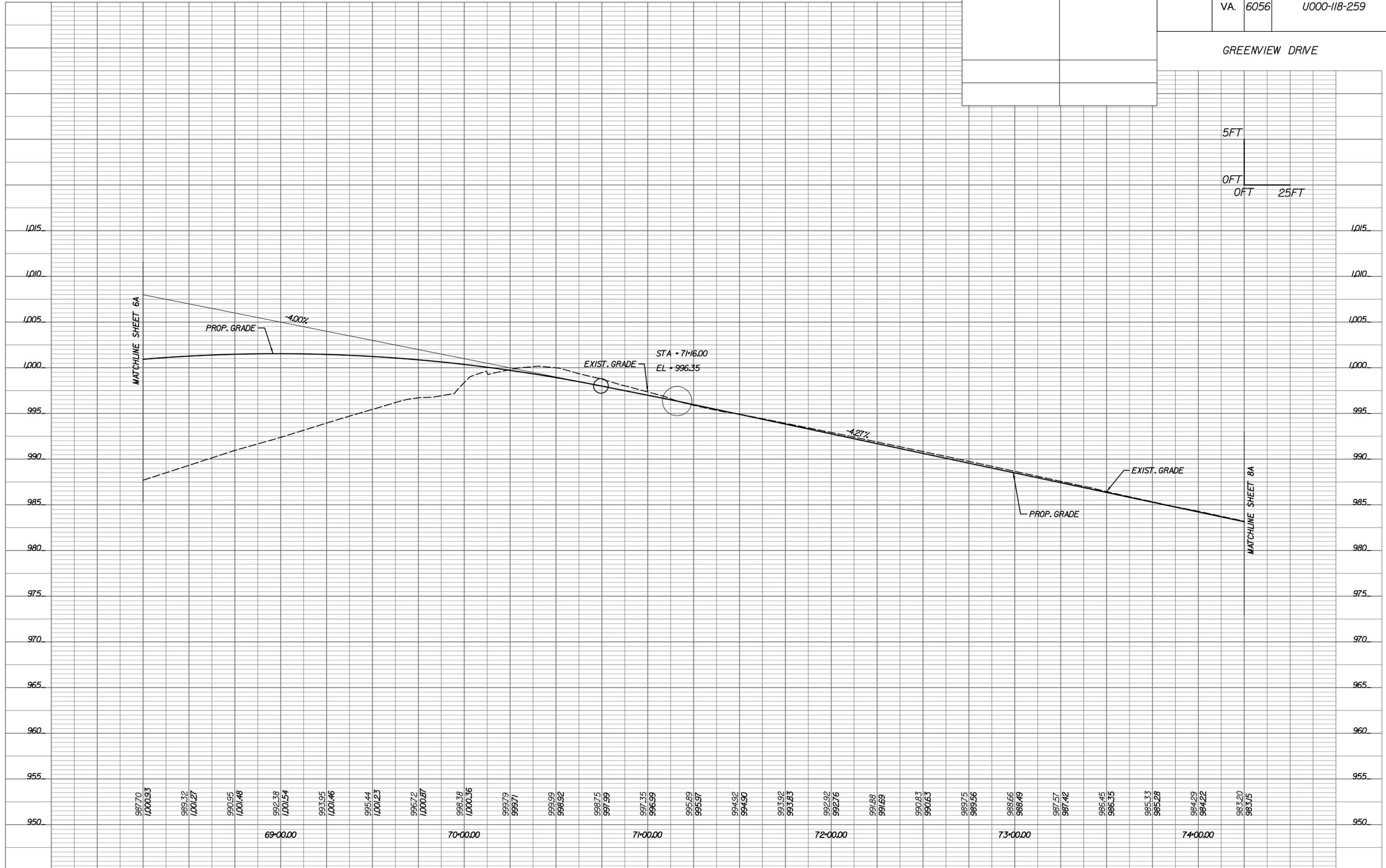
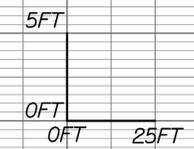


PROJECT	SHEET NO.
U000-118-259	7

PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE	STATE		SHEET NO.
	ROUTE	PROJECT		
	VA.	6056	U000-118-259	7A

GREENVIEW DRIVE

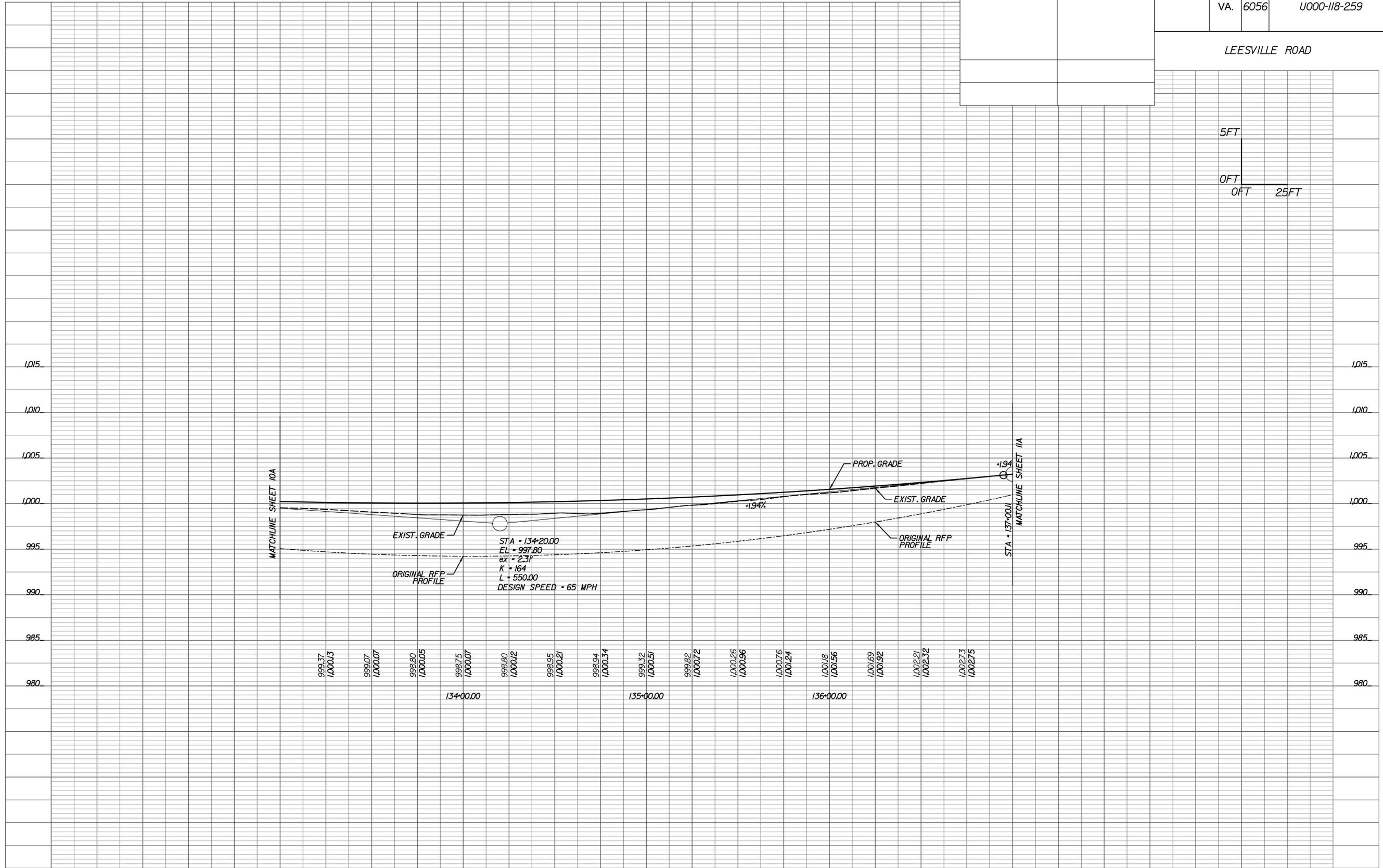


DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	6056		U000-118-259	7A(1)

LEESVILLE ROAD



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

PROJECT	SHEET NO.
U000-118-259	7A(1)

PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

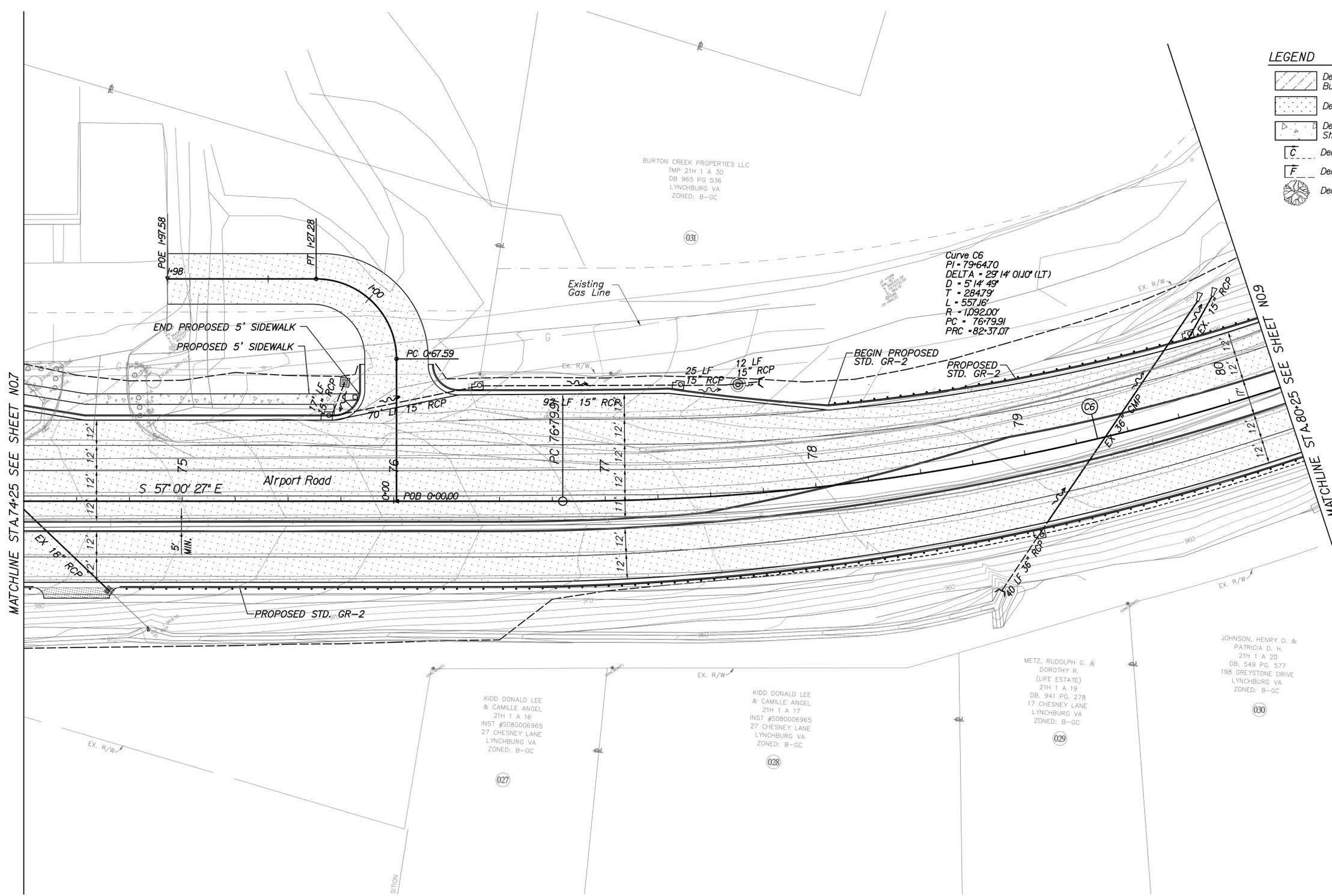
CONCEPTUAL PLANS
 THESE PLANS ARE UNFINISHED AND ARE NOT TO BE USED FOR ANY TYPE OF ACQUISITION OF RIGHT OF WAY OR CONSTRUCTION.

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	6056		U000-118-259	8

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

LEGEND

-  Denotes Pavement Milling, Buildup and/or Overlay
-  Denotes Proposed Pavement
-  Denotes Concrete Sidewalk or Shared Use Path
-  Denotes Construction Limits In Cuts
-  Denotes Construction Limits In Fills
-  Denotes Proposed Shade Tree

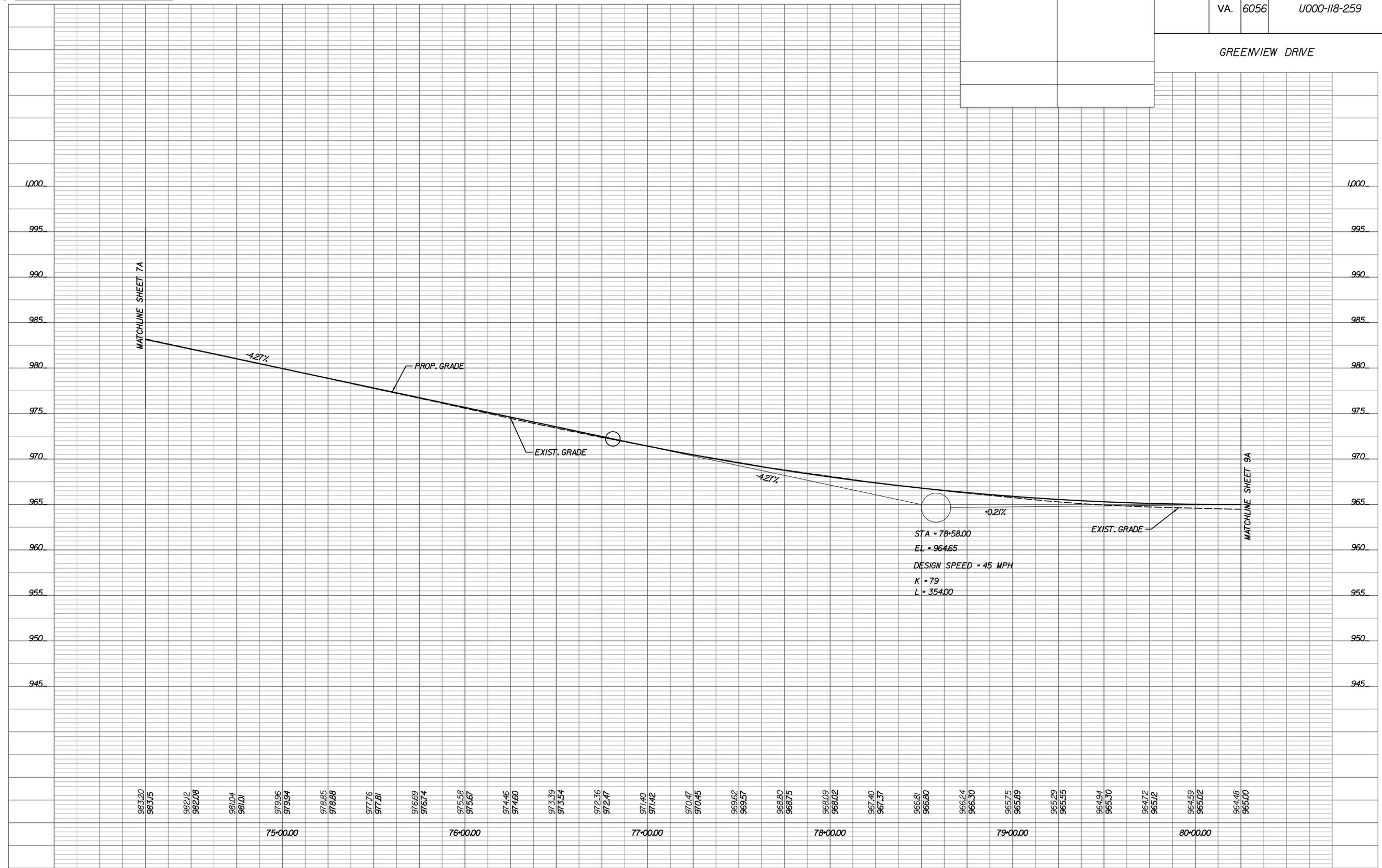


PROJECT	SHEET NO.
U000-118-259	8

PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE	STATE	SHEET NO.
	ROUTE	PROJECT	
	VA.	6056	U000-118-259
			8A

GREENVIEW DRIVE



MATCHLINE SHEET 7A

MATCHLINE SHEET 9A

STA = 78+58.00
 EL = 964.65
 DESIGN SPEED = 45 MPH
 K = 79
 L = 354.00

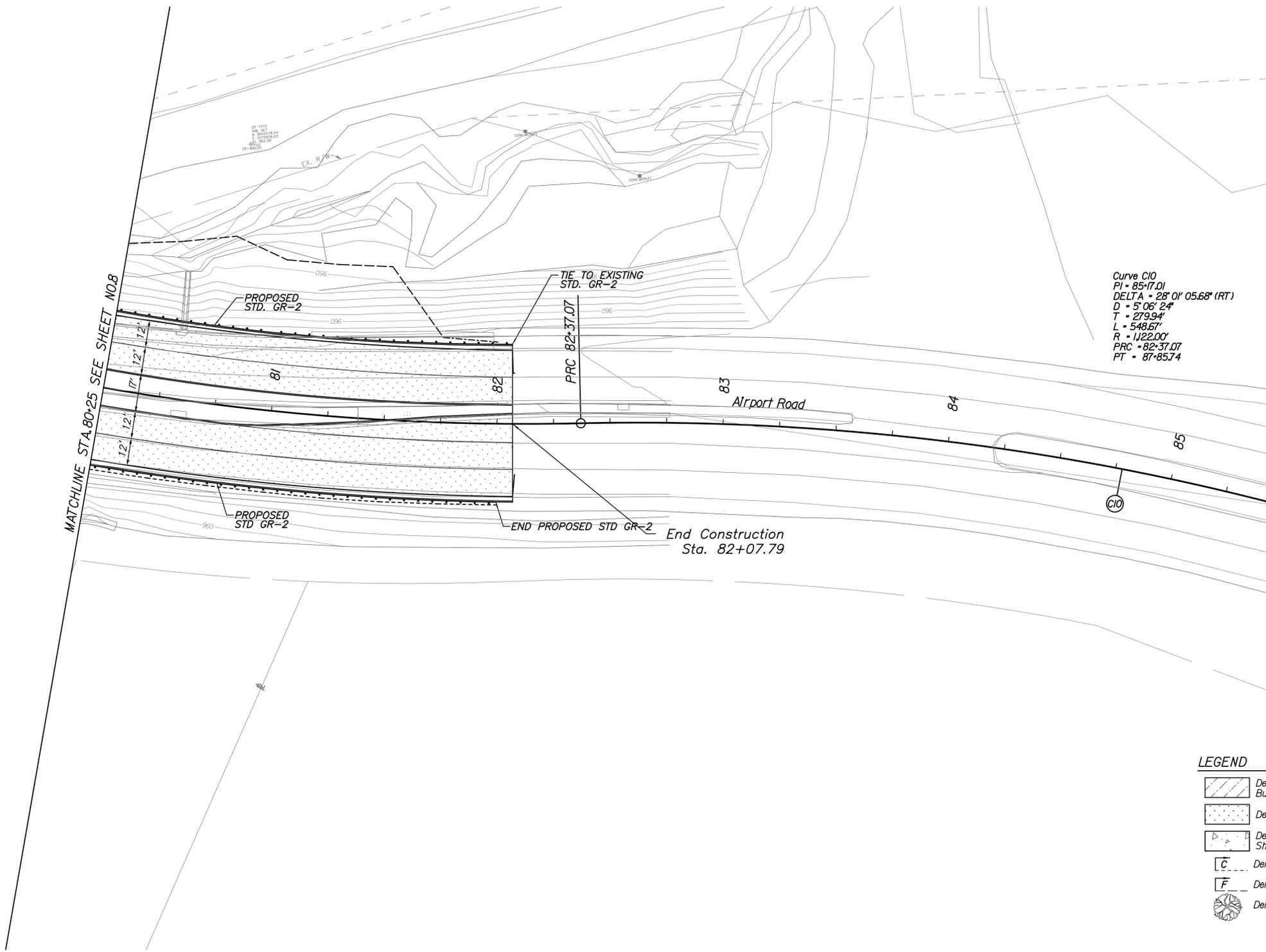
DESIGN FEATURES RELATING TO CONSTRUCTION
 OR TO REGULATION AND CONTROL OF TRAFFIC
 MAY BE SUBJECT TO CHANGE AS DEEMED
 NECESSARY BY THE DEPARTMENT

PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

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

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	6056	U000-118-259	9

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



LEGEND

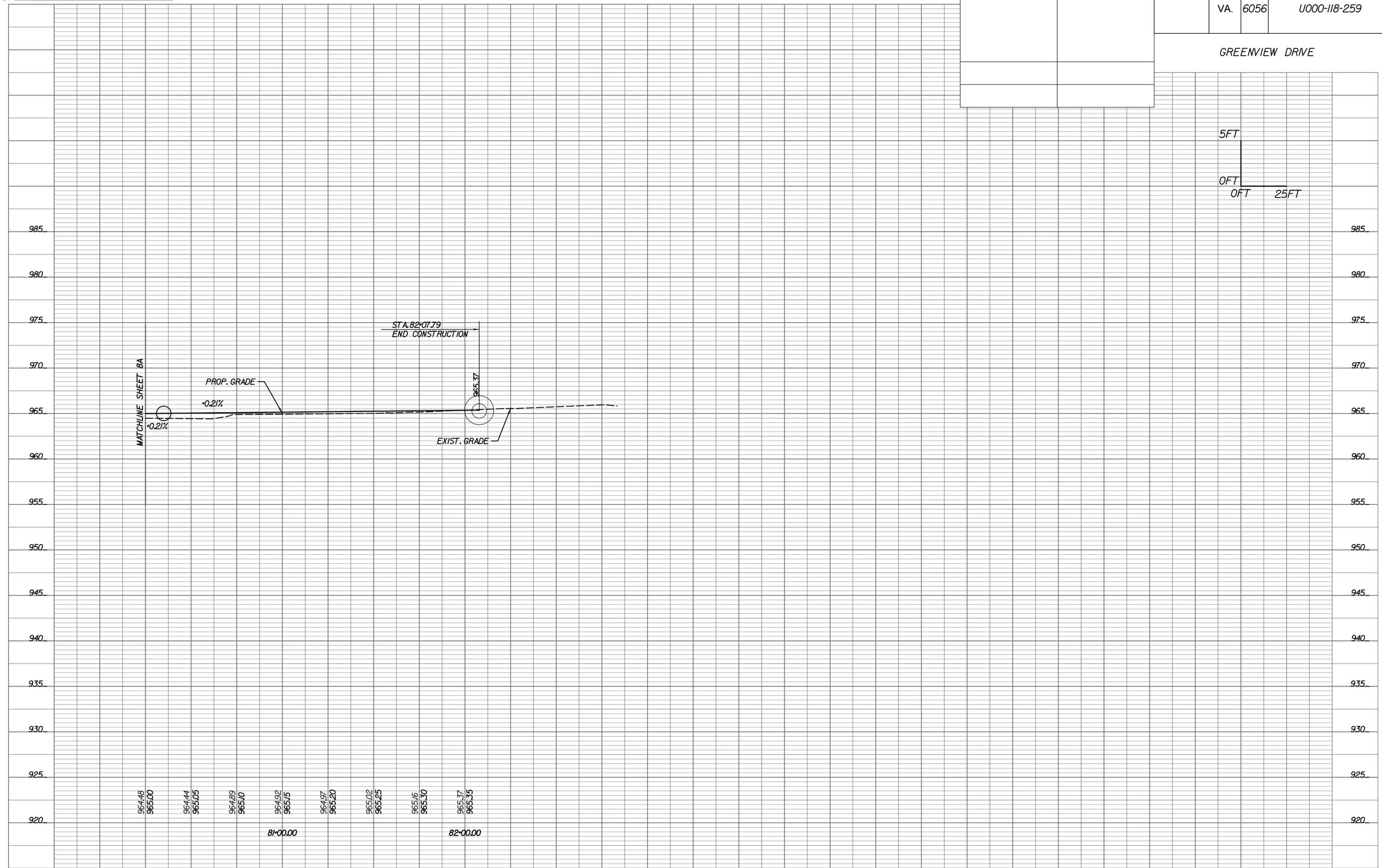
	Denotes Pavement Milling, Buildup and/or Overlay
	Denotes Proposed Pavement
	Denotes Concrete Sidewalk or Shared Use Path
	Denotes Construction Limits In Cuts
	Denotes Construction Limits In Fills
	Denotes Proposed Shade Tree

	PROJECT U000-118-259	SHEET NO. 9
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PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE	STATE		SHEET NO.
	ROUTE	PROJECT		
	VA.	6056	U000-118-259	9A

GREENVIEW DRIVE



964.48
965.00

964.44
965.05

964.89
965.10

964.92
965.15

964.97
965.20

965.02
965.25

965.16
965.30

965.37
965.35

81+00.00

82+00.00

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

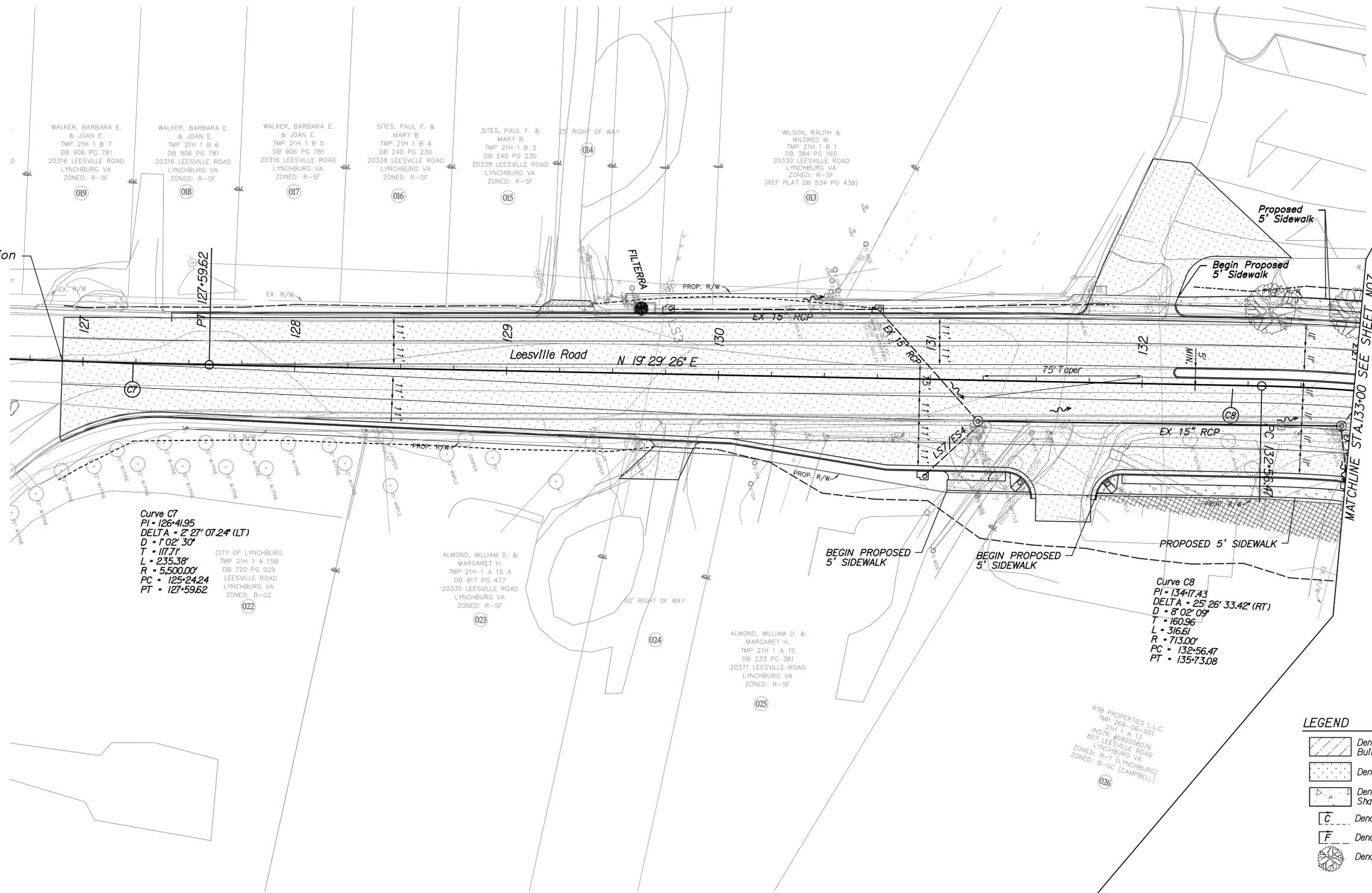
PROJECT MANAGER XXX-XXX-XXXX
SURVEYED BY XXX-XXX-XXXX
DESIGN SUPERVISED BY XXX-XXX-XXXX
DESIGNED BY Parsons Brinckerhoff (757) 466-1732

CONCEPTUAL PLANS
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REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	6056		U000-118-259	10

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

Begin Construction Sta. 126+90.33



Curve C7
 PI = 126+41.95
 DELTA = 2° 27' 07.24" (LT)
 D = 1° 02' 30"
 T = 117.71'
 L = 235.38'
 R = 5,500.00'
 PC = 125+24.24
 PT = 127+59.62

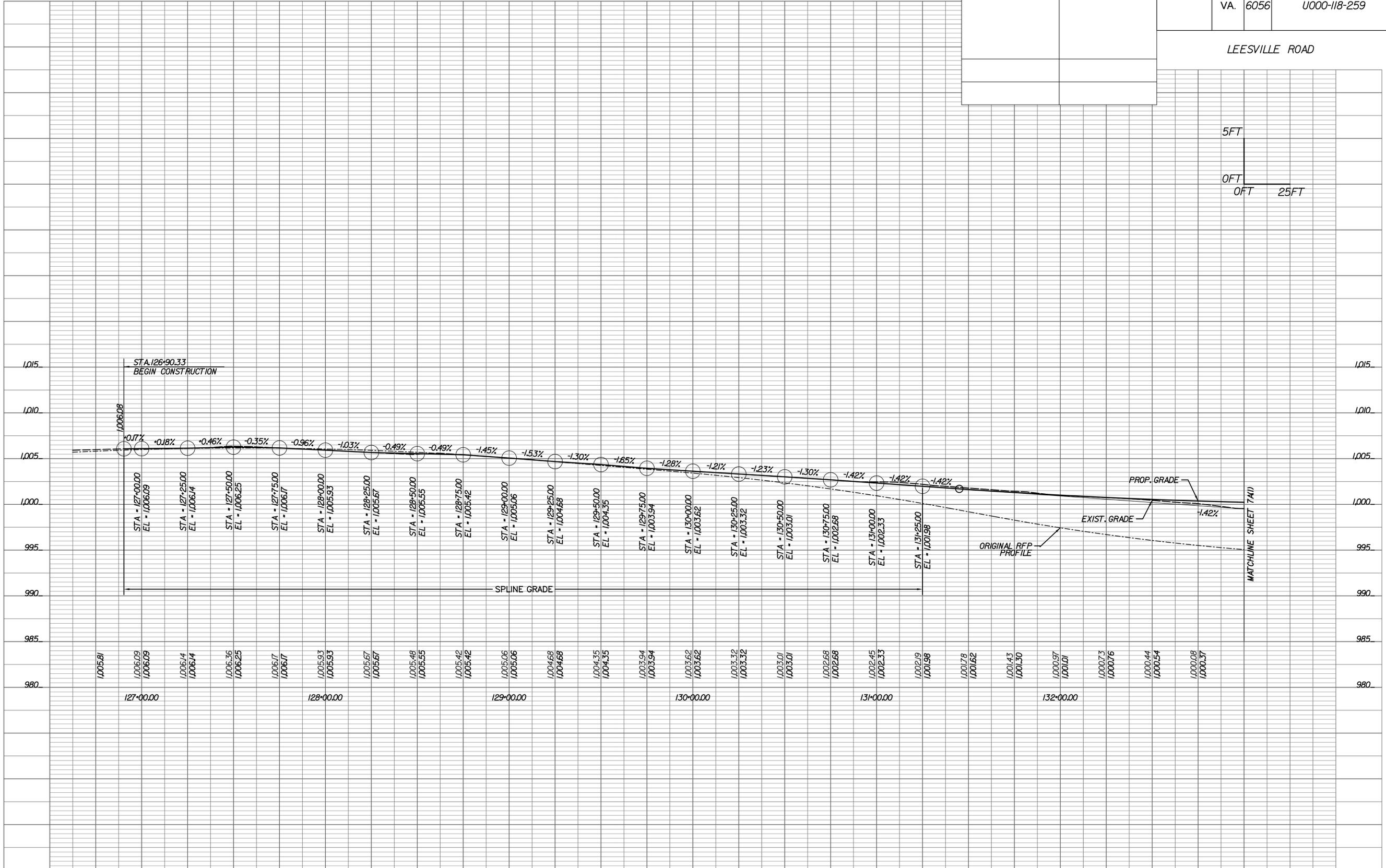
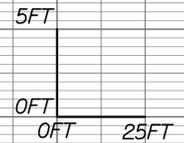
Curve C8
 PI = 134+7.43
 DELTA = 25° 26' 33.42" (RT)
 D = 8° 02' 09"
 T = 160.96'
 L = 316.61'
 R = 713.00'
 PC = 132+56.47
 PT = 135+73.08

- LEGEND**
- Denotes Pavement Milling, Buildup and/or Overlay
 - Denotes Proposed Pavement
 - Denotes Concrete Sidewalk or Shared Use Path
 - Denotes Construction Limits In Cuts
 - Denotes Construction Limits In Fills
 - Denotes Proposed Shade Tree

PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	6056		U000-118-259	10A

LEESVILLE ROAD



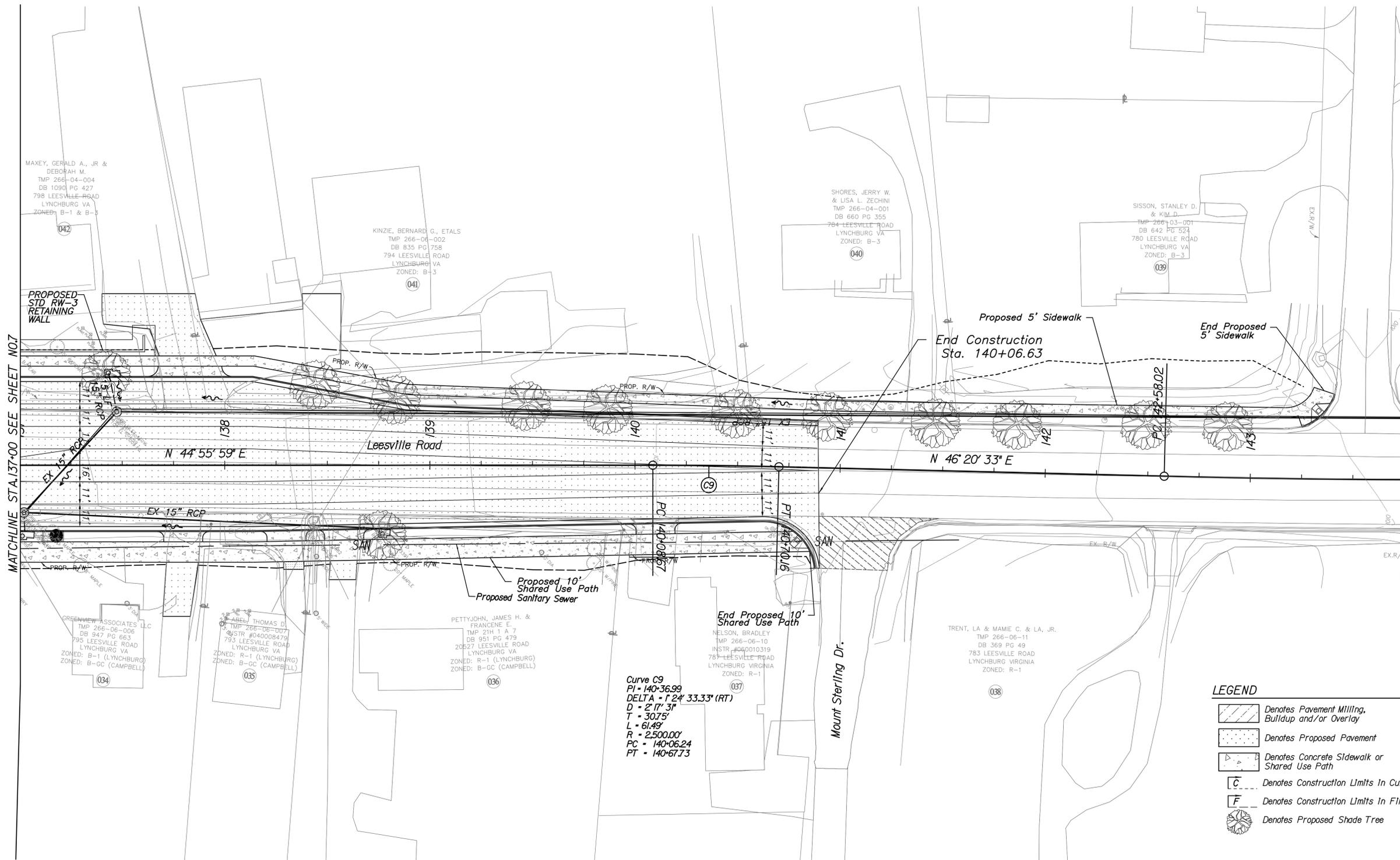
DESIGN FEATURES RELATING TO CONSTRUCTION
 OR TO REGULATION AND CONTROL OF TRAFFIC
 MAY BE SUBJECT TO CHANGE AS DEEMED
 NECESSARY BY THE DEPARTMENT

PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

CONCEPTUAL PLANS
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REVISED	STATE		PROJECT	SHEET NO.
	STATE	ROUTE		
	VA.	6056	U000-118-259	11

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



MATCHLINE STA. 137+00 SEE SHEET NO.7

LEGEND

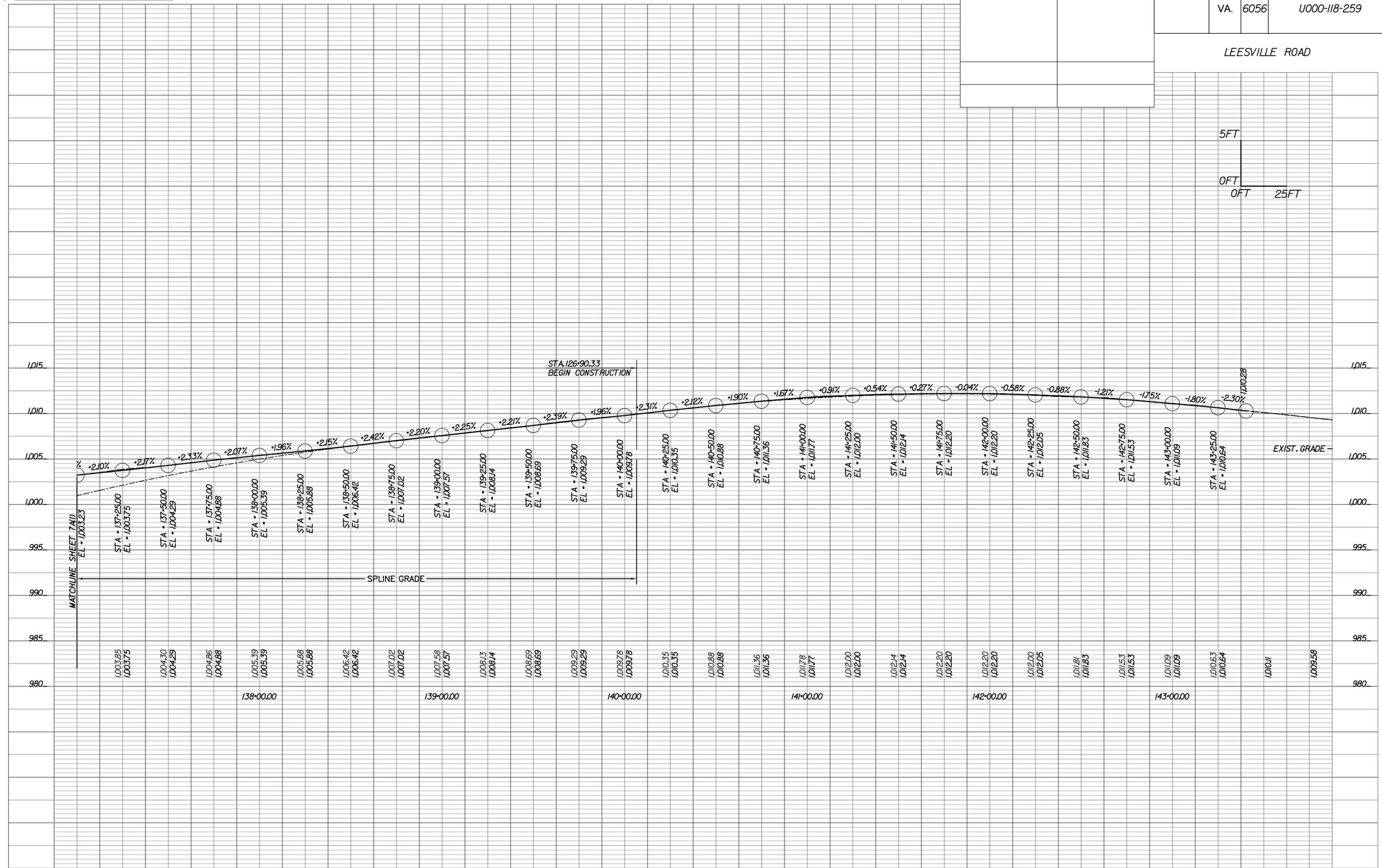
- Denotes Pavement Milling, Buildup and/or Overlay
- Denotes Proposed Pavement
- Denotes Concrete Sidewalk or Shared Use Path
- Denotes Construction Limits In Cuts
- Denotes Construction Limits In Fills
- Denotes Proposed Shade Tree

SCALE 0 25' 50'	PROJECT U000-118-259	SHEET NO. 11
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PROJECT MANAGER XXX-XXX-XXXX
 SURVEYED BY XXX-XXX-XXXX
 DESIGN SUPERVISED BY XXX-XXX-XXXX
 DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	6056		U000-118-259	11A

LEESVILLE ROAD



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

**Attachment 4.2.3:
Proposal Schedule**

Greenview Drive Proposal Schedule

General WBS Layout

06-Nov-14 14:24

Activity ID	Activity Name	Calendar	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float	2015												2016												2017											
									N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
Greenview Drive Proposal Schedule									26-Jul-17, Greenview Drive																																			
Project Milestones									26-Jul-17, Project Milestones																																			
0005	NTP	7Day	0	0	0%	18-Feb-15		0	◆ NTP																																			
A2380	Contract Award	7Day	0	0	0%		18-Feb-15*	0	◆ Contract Award																																			
0016	Advanced Payment \$10,000.00	7Day	0	0	0%		20-Mar-15*	0	◆ Advanced Payment \$10,000.00																																			
0056	Scheduling Conference	7Day	0	0	0%	20-Mar-15		311	◆ Scheduling Conference																																			
A2400	Kick Off Meeting	7Day	0	0	0%	20-Mar-15		0	◆ Kick Off Meeting																																			
0076	Pardon Our Dust Meeting	7Day	0	0	0%		13-Apr-15	342	◆ Pardon Our Dust Meeting																																			
0008	Scope Validation Period	7Day	90	90	0%	29-Mar-15	26-Jun-15	212	■ Scope Validation Period																																			
0058	VDOT Issues Notice to Commence Right-of-Way Acquisition	7Day	0	0	0%	08-Aug-15		0	◆ VDOT Issues Notice to Commence Right-of-Way Acquisition																																			
0059	VDOT Issues Notice to Commence Construction	7Day	5	5	0%	24-Jan-16	28-Jan-16	52	■ VDOT Issues Notice to Commence Construction																																			
A2420	Receive Punchlist From VDOT	7Day	0	0	0%	06-Jul-17		11	◆ Receive Punchlist From VDOT																																			
A2410	Perform Project Punchlist	7Day	10	10	0%	06-Jul-17	15-Jul-17	11	■ Perform Project Punchlist																																			
0044	Receive Signal Punchlist From VDOT & Lynchburg	7Day	0	0	0%		19-Jul-17	0	◆ Receive Signal Punchlist From VDOT & Lynchburg																																			
0045	Perform Signal Punchlist Work	7Day	5	5	0%	20-Jul-17	24-Jul-17	0	■ Perform Signal Punchlist Work																																			
0007	Final Completion	7Day	0	0	0%		26-Jul-17*	0	◆ Final Completion																																			
0046	Turn Signals over to Lynchburg	7Day	2	2	0%	25-Jul-17	26-Jul-17	0	■ Turn Signals over to Lynchburg																																			
Project Management									26-Jul-17, Submit																																			
Submittals									26-Jul-17, Submit																																			
Notice of Intent Letter for Survey									24-Mar-15, Notice of Intent Letter for Survey																																			
A4130	Prepare Notice of Intent (RUMS Forms 11, 12, 13, 14) for Survey	7Day	14	14	0%	18-Feb-15	03-Mar-15	0	■ Prepare Notice of Intent (RUMS Forms 11, 12, 13, 14) for Survey																																			
A2240	Submit	7Day	0	0	0%	04-Mar-15		0	◆ Submit																																			
A2250	VDOT Review	7Day	21	21	0%	04-Mar-15	24-Mar-15	0	■ VDOT Review																																			
A2260	Receive VDOT Comments	7Day	0	0	0%		24-Mar-15	0	◆ Receive VDOT Comments																																			
Right of Way									13-Feb-16, Right of Way																																			
Preliminary Right of Way Plans									07-Jun-15, Preliminary Right of Way Plans																																			
0095	Prepare Preliminary Right of Way Plans	7Day	14	14	0%	08-Apr-15	21-Apr-15	0	■ Prepare Preliminary Right of Way Plans																																			
A4960	Submit	7Day	0	0	0%	22-Apr-15		0	◆ Submit																																			
A4970	VDOT Review	7Day	21	21	0%	22-Apr-15	12-May-15	0	■ VDOT Review																																			
A4980	Receive VDOT Comments	7Day	0	0	0%		12-May-15	0	◆ Receive VDOT Comments																																			
A4990	Submittal Revisions	7Day	5	5	0%	13-May-15	17-May-15	0	■ Submittal Revisions																																			
A5000	Re-submit	7Day	0	0	0%	18-May-15		0	◆ Re-submit																																			
A5010	VDOT Review	7Day	21	21	0%	18-May-15	07-Jun-15	0	■ VDOT Review																																			
A5020	Receive VDOT Comments	7Day	0	0	0%		07-Jun-15	0	◆ Receive VDOT Comments																																			
Final Right of Way Plans									07-Aug-15, Final Right of Way Plans																																			
00165	Prepare Final Right of Way Plans	7Day	14	14	0%	08-Jun-15	21-Jun-15	0	■ Prepare Final Right of Way Plans																																			
A5030	Submit	7Day	0	0	0%	22-Jun-15		0	◆ Submit																																			
A5040	VDOT Review	7Day	21	21	0%	22-Jun-15	12-Jul-15	0	■ VDOT Review																																			

■ Remaining Level of Effort ■ Actual Work ■ Remaining Work ■ Critical Remaining Work
◆ Milestone



Greenview Drive Proposal Schedule

General WBS Layout

06-Nov-14 14:24

Activity ID	Activity Name	Calendar	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float	2015												2016												2017											
									N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
Roadway Design 60%									18-Aug-15, Roadway Design 60%																																			
00375	Prepare Roadway 60%	7Day	14	14	0%	19-Jun-15	02-Jul-15	27	Prepare Roadway 60%																																			
A10840	Submit	7Day	0	0	0%	03-Jul-15		27	Submit																																			
A10850	VDOT Review	7Day	21	21	0%	03-Jul-15	23-Jul-15	27	VDOT Review																																			
A10860	Receive VDOT Comments	7Day	0	0	0%		23-Jul-15	27	Receive VDOT Comments																																			
A10870	Submittal Revisions	7Day	5	5	0%	24-Jul-15	28-Jul-15	27	Submittal Revisions																																			
A10880	Re-submit	7Day	0	0	0%	29-Jul-15		27	Re-submit																																			
A10890	VDOT Review	7Day	21	21	0%	29-Jul-15	18-Aug-15	27	VDOT Review																																			
A10900	Receive VDOT Comments	7Day	0	0	0%		18-Aug-15	27	Receive VDOT Comments																																			
Roadway Design 90%									02-Nov-15, Roadway Design 90%																																			
00195	Prepare Roadway 90%	7Day	14	14	0%	03-Sep-15	16-Sep-15	12	Prepare Roadway 90%																																			
A6650	Submit	7Day	0	0	0%	17-Sep-15		12	Submit																																			
A6660	VDOT Review	7Day	21	21	0%	17-Sep-15	07-Oct-15	12	VDOT Review																																			
A6670	Receive VDOT Comments	7Day	0	0	0%		07-Oct-15	12	Receive VDOT Comments																																			
A6680	Submittal Revisions	7Day	5	5	0%	08-Oct-15	12-Oct-15	12	Submittal Revisions																																			
A6690	Re-submit	7Day	0	0	0%	13-Oct-15		12	Re-submit																																			
A6700	VDOT Review	7Day	21	21	0%	13-Oct-15	02-Nov-15	12	VDOT Review																																			
A6710	Receive VDOT Comments	7Day	0	0	0%		02-Nov-15	12	Receive VDOT Comments																																			
Roadway Design RFC									02-Jan-16, Roadway Design RFC																																			
00385	Prepare Roadway RFC	7Day	14	14	0%	03-Nov-15	16-Nov-15	12	Prepare Roadway RFC																																			
A10910	Submit	7Day	0	0	0%	17-Nov-15		78	Submit																																			
A10920	VDOT Review	7Day	21	21	0%	17-Nov-15	07-Dec-15	78	VDOT Review																																			
A10930	Receive VDOT Comments	7Day	0	0	0%		07-Dec-15	78	Receive VDOT Comments																																			
A10940	Submittal Revisions	7Day	5	5	0%	08-Dec-15	12-Dec-15	78	Submittal Revisions																																			
A10950	Re-submit	7Day	0	0	0%	13-Dec-15		78	Re-submit																																			
A10960	VDOT Review	7Day	21	21	0%	13-Dec-15	02-Jan-16	78	VDOT Review																																			
A10970	Receive VDOT Comments	7Day	0	0	0%		02-Jan-16	78	Receive VDOT Comments																																			
Temporary Traffic Signal Plans									16-Nov-15, Temporary Traffic Signal Plans																																			
0049	Prepare Temp Traffic Signal Plans	7Day	14	14	0%	04-May-15	17-May-15	188	Prepare Temp Traffic Signal Plans																																			
A6370	Submit	7Day	0	0	0%	18-May-15		188	Submit																																			
A6380	VDOT Review	7Day	21	21	0%	18-May-15	07-Jun-15	188	VDOT Review																																			
A6390	Receive VDOT Comments	7Day	0	0	0%		07-Jun-15	188	Receive VDOT Comments																																			
A6400	Submittal Revisions	7Day	5	5	0%	08-Jun-15	12-Jun-15	188	Submittal Revisions																																			
A6410	Re-submit	7Day	0	0	0%	13-Jun-15		188	Re-submit																																			
A6420	VDOT Review	7Day	21	21	0%	13-Jun-15	03-Jul-15	188	VDOT Review																																			
A6430	Receive VDOT Comments	7Day	0	0	0%		03-Jul-15	188	Receive VDOT Comments																																			
Temporary Traffic Control: Phase 1 RFC									01-Sep-15, Temporary Traffic Control: Phase 1 RFC																																			
00205	Prepare Temporary Traffic Control Phase 1 RFC	7Day	14	14	0%	03-Jul-15	16-Jul-15	128	Prepare Temporary Traffic Control Phase 1 RFC																																			
A6510	Submit	7Day	0	0	0%	17-Jul-15		128	Submit																																			

█ Remaining Level of Effort █ Actual Work █ Remaining Work █ Critical Remaining Work
◆ Milestone



Greenview Drive Proposal Schedule

General WBS Layout

06-Nov-14 14:24

Activity ID	Activity Name	Calendar	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float	2015												2016												2017											
									N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
Utility Relocation Plans									18-Jul-15, Utility Relocation Plans																																			
0070	Prepare Utility Relocation Plans	7Day	77	77	0%	03-May-15	18-Jul-15	120	Prepare Utility Relocation Plans																																			
A5950	Submit	7Day	0	0	0%	02-Jun-15		120	Submit																																			
A5960	DB Review	7Day	21	21	0%	02-Jun-15	22-Jun-15	120	DB Review																																			
A5980	Submittal Revisions	7Day	5	5	0%	23-Jun-15	27-Jun-15	120	Submittal Revisions																																			
A5990	Re-submit	7Day	0	0	0%	28-Jun-15		120	Re-submit																																			
A6000	DB Review	7Day	21	21	0%	28-Jun-15	18-Jul-15	120	DB Review																																			
A6010	Receive VDOT Comments	7Day	0	0	0%		18-Jul-15	120	Receive VDOT Comments																																			
Private									03-Feb-16, Private																																			
Appalachian Power									03-Dec-15, Appalachian Power																																			
A4530	Appalachian Power Prepares / Submits P&E	7Day	60	60	0%	19-Jun-15	17-Aug-15	171	Appalachian Power Prepares / Submits P&E																																			
A4540	Engineer Review / Approve P&E	7Day	10	10	0%	18-Aug-15	27-Aug-15	171	Engineer Review / Approve P&E																																			
A4550	VDOT Review / Approve P&E	7Day	21	21	0%	28-Aug-15	17-Sep-15	171	VDOT Review / Approve P&E																																			
A4560	Appalachian Power Relocates Utilities	Weather	30	30	0%	18-Sep-15	03-Nov-15	122	Appalachian Power Relocates Utilities																																			
A10480	Prepare As-Built Drawings	7Day	30	30	0%	04-Nov-15	03-Dec-15	500	Prepare As-Built Drawings																																			
A10490	Submit As-built Drawings	7Day	0	0	0%		03-Dec-15	500	Submit As-built Drawings																																			
Verizon									15-Jan-16, Verizon																																			
A4570	Verizon Prepares / Submits P&E	7Day	90	90	0%	19-Jun-15	16-Sep-15	188	Verizon Prepares / Submits P&E																																			
A4580	Engineer Review / Approve P&E	7Day	10	10	0%	17-Sep-15	26-Sep-15	188	Engineer Review / Approve P&E																																			
A4590	VDOT Review / Approve P&E	7Day	21	21	0%	27-Sep-15	17-Oct-15	188	VDOT Review / Approve P&E																																			
A4600	Verizon Relocates Utilities	7Day	60	60	0%	18-Oct-15	16-Dec-15	188	Verizon Relocates Utilities																																			
A10460	Prepare As-Built Drawings	7Day	30	30	0%	17-Dec-15	15-Jan-16	457	Prepare As-Built Drawings																																			
A10470	Submit As-built Drawings	7Day	0	0	0%		15-Jan-16	457	Submit As-built Drawings																																			
Comcast									30-Jan-16, Comcast																																			
A4680	Comcast Relocates Utilities	Weather	60	60	0%	18-Sep-15	31-Dec-15	93	Comcast Relocates Utilities																																			
A10440	Prepare As-Built Drawings	7Day	30	30	0%	01-Jan-16	30-Jan-16	442	Prepare As-Built Drawings																																			
A10450	Submit As-built Drawings	7Day	0	0	0%		30-Jan-16	442	Submit As-built Drawings																																			
Columbia Gas									03-Feb-16, Columbia Gas																																			
A4690	Columbia Gas Prepares / Submits P&E	5Day	45	45	0%	19-Jun-15	20-Aug-15	83	Columbia Gas Prepares / Submits P&E																																			
A4700	Engineer Review / Approve P&E	7Day	10	10	0%	21-Aug-15	30-Aug-15	121	Engineer Review / Approve P&E																																			
A4710	VDOT Review / Approve P&E	7Day	21	21	0%	31-Aug-15	20-Sep-15	121	VDOT Review / Approve P&E																																			
A4720	Columbia Gas Relocates Utilities	Weather	60	60	0%	21-Sep-15	04-Jan-16	114	Columbia Gas Relocates Utilities																																			
A8230	Prepare As-Built Drawings	7Day	30	30	0%	05-Jan-16	03-Feb-16	438	Prepare As-Built Drawings																																			
A8240	Submit As-built Drawings	7Day	0	0	0%		03-Feb-16	438	Submit As-built Drawings																																			
Utility Certifications									20-Nov-15, Utility Certifications																																			
0071	Prepare Utilities Certifications	7Day	14	14	0%	21-Sep-15	04-Oct-15	121	Prepare Utilities Certifications																																			
A6020	Submit	7Day	0	0	0%	05-Oct-15		121	Submit																																			
A6030	VDOT Review	7Day	21	21	0%	05-Oct-15	25-Oct-15	121	VDOT Review																																			
A6040	Receive VDOT Comments	7Day	0	0	0%		25-Oct-15	121	Receive VDOT Comments																																			

█ Remaining Level of Effort ▶ Summary
█ Actual Work
█ Remaining Work
█ Critical Remaining Work
◆ Milestone





Greenview Dr

W.C. English, Inc.

615 Church Street
Lynchburg, VA 24504
www.englishconst.com