MEMORANDUM OF AGREEMENT
AMONG THE FEDERAL HIGHWAY ADMINISTRATION,
THE VIRGINIA STATE HISTORIC PRESERVATION OFFICER,
THE VIRGINIA DEPARTMENT OF TRANSPORTATION,
AND THE VIRGINIA CIVIL WAR TRAILS
REGARDING IMPROVEMENTS TO ROUTE 3,
CULPEPER COUNTY, VIRGINIA

WHEREAS, the Virginia Department of Transportation (VDOT) proposes a construction project to improve the existing Route 3 located in Culpeper County, Virginia (VDOT Project No. 0003-023-107, P101, R201, C501; UPC 14657; Virginia Department of Historic Resources [DHR] File No. 1994-2578), hereinafter referred to as the Project (Appendix A: location map and preliminary plans); and

WHEREAS, the VDOT anticipates receiving Federal financial assistance for the Project from the Federal Highway Administration (FHWA); and

WHEREAS, the FHWA has determined that the provision of financial assistance for the Project is an undertaking as defined in 36 CFR Part 800.16(y); and

WHEREAS, pursuant to Section 10 of the Rivers and Harbors Appropriations Act of 1899 (33 U.S.C. 401 and 403) and Section 404 of the Clean Water Act of 1973 (33 U.S.C. 1344), a Department of the Army permit will likely be required from the Corps of Engineers (Corps) for the Project, and the Corps has designated the FHWA as the lead federal agency to fulfill federal responsibilities under Section 106 of the National Historic Preservation Act (NHPA), 16 U.S.C. 470f; and

WHEREAS, the FHWA has authorized the VDOT to conduct consultation with the Virginia State Historic Preservation Officer (SHPO) for the Project on its behalf pursuant to Section 106 of the National Historic Preservation Act (NHPA) (16 U.S.C. 470), including the initiation of the Section 106 process, identification of historic properties, and assessment of adverse effects; and

WHEREAS, the VDOT, in consultation with the SHPO, has defined the Area of Potential Effects (APE) for the Project in accordance with 36 CFR 800.4(a) (1). The APE for direct effects is defined as the undertaking's construction footprint, which includes all proposed right of way and all permanent and temporary easements for the Project. The APE for indirect effects contains the area outside the direct effects APE in which visual or aural effects from the Project may be experienced and includes properties within the confines of the Mount Pony Rural Historic District (DHR Inventory No. 023-0084), Brandy Station Battlefield Historic District (023-0053), Battle of Brandy Station (VA 035) (023-5055), and Morton's Ford Battlefield (VA045) (068-5007) (Appendix B); and

WHEREAS, the VDOT, in consultation with the SHPO, has determined that the Project will have an adverse effect on the Brandy Station Battlefield Historic District (DHR Inventory No. 023-0053), a property determined eligible for the National Register of

Historic Places (NRHP) by the National Park Service in 1991, and the Battle of Brandy Station (DHR Inventory No. 023-5055), a property defined by the American Battlefield Protection Program and assumed eligible for the NRHP by the FHWA for the purposes of the Project; and

WHEREAS, the FHWA, with the assistance of VDOT, has consulted with the SHPO and the other consulting parties to resolve the adverse effects of the Project on historic properties in accordance with Section 106 of the NHPA (16 U.S.C. 470), and its implementing regulations, 36 CFR Part 800; and

WHEREAS, the VDOT has accounted for those adverse effects on the Battle of Brandy Station and the Brandy Station Battlefield Historic District by incorporating design considerations and thereby lessening impacts of the alignment in several locations. The alignment for Route 600 (York Road) adjacent to Hansbrough's Ridge has been shifted away from Hansbrough's Ridge and collocated with the existing roadway. The VDOT has provided a crossover and left turn lane at Hansbrough's Ridge to facilitate safe public access to the area. There will be a paved shoulder approaching Hansbrough's Ridge from the east that has been widened by two feet to increase safety for vehicles stopped on the shoulder of Route 3 at the Hansbrough's Ridge entrance. Furthermore, the VDOT has minimized the Project's adverse effects on the Battle of Brandy Station by reducing the overall width of the roadway and designing the median separating east- and westbound lanes within the potential NRHP boundaries of the battlefield so that it is no more than sixteen (16) feet wide (Appendix A); and

WHEREAS, in 2001 the VDOT and the SHPO executed a Memorandum of Agreement (2001 MOA) (Appendix C) for this then state-funded project to satisfy the requirements of the Commonwealth of Virginia's State Environmental Review Process; and

WHEREAS, in accordance with the 2001 MOA the VDOT has completed mitigation for addressing those adverse effects on the Brook Run Jasper Quarry (Site 44CU0122) by completing a data recovery program on this resource in 2003 and submitting a report on the data recovery to the SHPO in 2004 (*Archeological Data Recovery at Brook Run Jasper Quarry (Site 44CU122) Associated with the Proposed Route 3 Improvements, Culpeper County, Virginia,* by The Louis Berger Group, Inc.); and

WHEREAS, the VDOT, in consultation with the SHPO, has completed studies (*An Archaeological Survey for the Proposed Route 3 Improvements and Stevensburg Bypass Project, Culpeper County, Virginia,* Louis Berger & Associates, Inc., May 1998; *Archaeological Investigations at the Brook Run, Georgetown, and Greenhouse Cemetery Sites (44CU122, 44CU120, AND 44CU123) Associated with the Proposed Route 3 Improvements and Stevensburg Bypass, Culpeper County, Virginia*, by Louis Berger & Associates, Inc., May 1999; and *Cultural Resource Survey in Association with the Proposed Widening of Route 3, Stevensburg, Culpeper County, Virginia*, The Louis Berger Group, Inc., October 2009) to identify any buildings and structures, archaeological and non-archaeological sites and districts, and objects meeting the criteria for listing on the National Register of Historic Places (NRHP) within the Project's APE

and conveyed to the SHPO its findings by letter dated December 18, 2009, and the SHPO concurred with these findings on January 26, 2010; and

WHEREAS, the Virginia Board of Historic Resources (VBHR) holds an historic preservation and open space easement over a 19.5567-acre portion of a historic property known as Salubria (DHR Inventory No. 023-0020), which property is listed on the NRHP. If temporary or permanent construction easements or temporary or permanent drainage easements become necessary within the boundary of the VBHR historic easement on Salubria, which easement is located on the south side of State Route 3, the VDOT will work with the Virginia Department of Historic Resources (DHR) easement program through its established process to obtain the necessary right of way for the Project; and

WHEREAS, the VDOT, in consultation with the SHPO, has determined that the project will require right of way from a portion of the historic Salubria property located on the north side of State Route 3, that is within the NRHP boundary, but outside of the VBHR historic easement area; and

WHEREAS, pursuant to 36 CFR 800.6(a)(1), by letter dated July 21, 2011, the FHWA has notified the Advisory Council on Historic Preservation (ACHP) of the consultation to develop this Memorandum of Agreement (Agreement), and the ACHP has chosen not to participate in consultation as stated in their letter of July 26, 2011 to FHWA; and

WHEREAS, the VDOT has participated in this consultation pursuant to 36 CFR Part 800.2 (c) (4) and the FHWA has invited the VDOT to join the FHWA and the SHPO as a signatory to this Agreement pursuant to 36 CFR Part 800.6(c) (2) (iii); and

WHEREAS, the Virginia Civil War Trails program (VCWT) will collaborate with the VDOT in implementing the mitigation described in Stipulation 1 of this Agreement, and the FHWA has invited the VCWT to join the FHWA, the VDOT, and the SHPO as a signatory to this Agreement pursuant to 36 CFR Part 800.6 (c) (2) (iii); and

WHEREAS, the FHWA has provided Culpeper County the opportunity to participate in consultation pursuant to 36 CFR Part 800.2 (c) (3), and the FHWA has invited the county to be a concurring party to this Agreement; and

WHEREAS, the FHWA has provided the Virginia Council on Indians (VCI), the Memorial Foundation for Germanna Colonies in Virginia, Inc., the Virginia Outdoors Foundation, Ms. Elizabeth Nelson, and Brandy Station Foundation the opportunity to participate in consultation pursuant to 36 CFR Part 800.2 (c) (5), and has invited each of these parties to concur in this Agreement pursuant to 36 CFR Part 800.6 (c) (3); and

WHEREAS, there are no federally-recognized Indian tribes residing in Virginia; the FHWA has previously made outreach to eighteen federally-recognized tribes residing outside of Virginia to determine their interest in historic resource issues associated with

transportation projects in the state; and the Project is not located within any of the geographic areas of interest identified in the tribes' responses to FHWA's inquiry.

NOW, THEREFORE, the FHWA, the SHPO, the VDOT, and VCWT agree that this undertaking shall be implemented in accordance with the following stipulations in order to take into account the effects of the undertaking on historic properties.

Stipulations

The FHWA shall ensure that the following stipulations are implemented:

I. Interpretation of Battle of Brandy Station (DHR Inventory No. 023-5055)

The VDOT and the VCWT shall collaborate to provide eight (8) interpretive markers within the southern portion of the Brandy Station Battlefield, including the village of Stevensburg, for the purpose of improving public awareness and understanding of the significant historical events that occurred in the area during the Civil War and the history of Stevensburg. The VDOT shall be responsible for researching and developing the layout of the interpretive content of the markers. The markers shall meet the standards and specifications of the VCWT which shall be responsible for designing, fabricating, and installing the eight (8) interpretive markers, and shall be responsible for securing any easements necessary for installing any markers to be installed outside of VDOT right of way. The VDOT shall provide the VCWT funds not to exceed $20,800.00 for the cost of fabrication and installation of the markers. The VDOT shall release these funds to the VCWT on a reimbursement basis after the VCWT has completed fabrication and installation of the markers.

The VDOT shall develop the interpretive content of the markers in consultation with the SHPO, the VCWT, and the concurring parties to this Agreement. The VDOT shall provide the SHPO and VCWT the opportunity to review and approve, and the concurring parties to this Agreement the opportunity to review and comment on draft plans for these markers pursuant to Stipulation VI.B of this Agreement.

The VDOT shall provide the VCWT the final interpretive content of the markers within one (1) year of the initiation of Project construction. The VCWT shall install the markers prior to completion of Project construction.

II. National Register Documentation of Hansbrough's Ridge Historic District (DHR Inventory No. 023-0068)

The VDOT shall complete an updated NRHP nomination form for the Hansbrough's Ridge Historic District that would expand district boundaries to include rifle pits, existing road trace, and locations of winter quarters that were not included in the original nomination (Jamie Dial, August 1991). Within two (2) years of initiation of Project construction, the VDOT shall provide a draft of the updated NRHP nomination form to

the SHPO for review and approval and the other signatory parties and concurring parties for review and comment in accordance with the process described in Stipulation VI. B. of this Agreement. The VDOT shall only address comments received in accordance with the requirements of Stipulation VI.B of this Agreement by revising the draft nomination form. The SHPO staff shall carry out all other required procedures and processes for nomination to the NHRP and the Virginia Landmarks Register. Approval and listing of the updated nomination by the Keeper of the NRHP or the DHR's State Review Board are not required by this Agreement.

III. Post Review Discoveries

A. In the event that a previously unidentified archaeological resource is discovered during ground-disturbing activities associated with the construction of the Project, the VDOT, in accordance with Section 107.16(d) of the VDOT's *Road and Bridge Specifications,* shall require the construction contractor to halt immediately all construction work involving subsurface disturbance in the area of the resource and in the surrounding areas where additional subsurface remains can reasonably be expected to occur. Work in all other areas of the Project may continue.

B. The VDOT shall notify the FHWA, the SHPO, and the concurring parties to this Agreement within two (2) working days of the discovery. In the case of prehistoric or historic Native American sites, the VDOT, on behalf of the FHWA, shall also notify the VCI and any federally recognized tribes with interest in the area within two (2) working days of the discovery.

C. The VDOT shall ensure that an archaeologist meeting the Secretary of the Interior's *Professional Qualification Standards* (48 FR 44739) investigates the work site and the resource, and then the VDOT shall forward to the FHWA, the SHPO, the VCI, any federally recognized tribes with an interest in the area, and the concurring parties to this Agreement an assessment of the NRHP eligibility of the resource (36 CFR Part 60.4) and proposed treatment actions to resolve any adverse effects on historic properties. The SHPO, the VCI, federally recognized tribes, and the concurring parties to this Agreement shall respond within five (5) working days of receipt of the VDOT's assessment of NRHP eligibility of the resource and proposed action plan. The VDOT, in consultation with the FHWA, shall take into account the recommendations of the SHPO, the VCI, federally recognized tribes, and the concurring parties to this Agreement regarding NRHP eligibility of the resource and the proposed action plan, and then carry out the appropriate actions.

D. The VDOT shall ensure that construction work within the affected area does not proceed until the appropriate treatment measures are developed and implemented or the determination is made that the located resource is not eligible for inclusion on the NRHP.

IV. Treatment of Human Remains

A. The VDOT shall make all reasonable efforts to avoid disturbing gravesites on or eligible for the NRHP including those containing Native American human remains and associated funerary artifacts. The VDOT shall treat all such gravesites in a manner consistent with the ACHP's *Policy Statement Regarding Treatment of Burial Sites, Human Remains and Funerary Objects* (February 23, 2007).

B. Human remains and associated funerary objects encountered during the course of actions taken as a result of this Agreement shall be treated in a manner consistent with the provisions in the Virginia Antiquities Act, Section 10.1-2305 of the *Code of Virginia* and its implementing regulations, 17 VAC5-20, adopted by the Virginia Board of Historic Resources and published in the *Virginia Register* on July 15, 1991. In accordance with the regulations stated above, the VDOT may obtain a permit from the SHPO for the archaeological removal of human remains should removal be necessary.

C. In the event that the human remains encountered are likely to be of Native American origin, whether prehistoric or historic, the VDOT, on behalf of the FHWA, shall immediately notify the VCI, appropriate tribal leaders of Indian tribes recognized by the Commonwealth, and any federally recognized tribes with an interest in the area. The VDOT shall determine the treatment of Native American human remains and associated funerary objects in consultation with the VCI, appropriate tribal leaders of Indian tribes recognized by the Commonwealth, and any federally recognized tribes with an interest in the area. The VDOT shall make all reasonable efforts to ensure that the general public is excluded from viewing any Native American gravesites and associated funerary objects. The signatories and concurring parties to this Agreement shall release no photographs of any Native American gravesites or associated funerary objects to the press or to the general public to the extent permitted by law.

V. Professional Qualifications

All archaeological and architectural work carried out pursuant to this Agreement shall be conducted by or under the direct supervision of an individual or individuals who meet, at a minimum, the Secretary of the Interior's Professional Qualifications Standards (48 FR 44738-9, September 29, 1983) in the appropriate discipline.

VI. Preparation and Review of Documents

A. All archaeological studies, technical reports, and treatment plans prepared pursuant to this Agreement shall be consistent with the federal standards entitled *Archaeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines* (48 FR 44716-44742, September 29, 1983), the SHPO's *Guidelines for Conducting Cultural Resource Survey in Virginia* (October 2011), and the ACHP's *Recommended Approach for Consultation on Recovery of Significant Information from Archaeological Sites* (1999), or subsequent revisions or replacements to these documents.

B. The SHPO, the VCWT, and the concurring parties to this Agreement agree to provide comments to the VDOT on all plans, technical materials, findings, and other documentation arising from this Agreement within thirty (30) calendar days of receipt, unless otherwise specified in this Agreement. If no comments are received from the SHPO, the VCWT or concurring parties to this Agreement, the VDOT may assume that the non-responding party has no comment. The VDOT shall take into consideration all comments received in writing from the SHPO, the VCWT, and concurring parties to this Agreement within the thirty (30) calendar day review period.

C. The VDOT shall provide the SHPO three copies [two bound archival hard copies and one in Adobe Acrobat (PDF) format on compact disk] of all final reports prepared pursuant to this Agreement. The VDOT shall also provide all concurring parties to this Agreement a copy of any final report (in hard copy or Adobe Acrobat format, as requested).

VII. Curation Standards

A. The VDOT shall ensure that all original archaeological records (research notes, field records, maps, drawings, and photographic images) produced in connection with the Project and all archaeological collections recovered from the VDOT highway right of way in association with the Project are provided to the SHPO for permanent curation. In exchange for its standard collections management fee as published in the *Virginia Department of Historic Resources State Collections Management Standards* (June 26, 2009), or subsequent revisions or replacements to that document, the SHPO agrees to maintain such records and collections in accordance with 36 CFR 79, Curation of Federally Owned and Administered Archaeological Collections.

B. The VDOT shall return to individual property owners any artifact collections that the VDOT has recovered from their property, unless the VDOT and the private property owner(s) have reached agreement on an alternative arrangement. If the private property owner(s) donates the artifact collections to the DHR by executing a donation agreement for the collection with the DHR within ninety (90) days of receipt of written notification from VDOT of its intent to return the collections to the private property owners, the VDOT shall assume responsibility for payment of DHR's standard collections curation fee for the donated artifact collection.

VIII. Dispute Resolution

A. Objection by Signatory or Concurring Party

1. Should any signatory or concurring party to this Agreement object in writing to the FHWA regarding any plans provided for review pursuant to this Agreement, or should any party to this Agreement object in writing to the FHWA regarding the manner in which measures stipulated in this Agreement are being implemented, the FHWA shall first consult with the objecting party to resolve the objection. If the FHWA determines that the objection cannot be resolved through

such consultation, the FHWA shall then consult with all signatory parties to this Agreement to resolve the objection. If the FHWA then determines that the objection cannot be resolved through consultation, the FHWA shall forward all documentation relevant to the objection to the ACHP, including the FHWA's proposed response to the objection. Within thirty (30) calendar days after receipt of all pertinent documentation, the ACHP shall exercise one of the following options:

(a) Advise the FHWA that the ACHP concurs with the FHWA's proposed response to the objection, whereupon the FHWA will respond to the objection accordingly; or

(b) Provide the FHWA with recommendations, which the FHWA shall take into account in reaching a final decision regarding its response to the objection; or

(c) Notify the FHWA that the objection will be referred for comment pursuant to 36 CFR 800.7(a) (4), and proceed to refer the objection and comment. The FHWA shall take the resulting comment into account in accordance with 36 CFR 800.7(c) (4).

2. Should the ACHP not exercise one of the above options within thirty (30) calendar days after receipt of all pertinent documentation, the FHWA may assume the ACHP's concurrence in its proposed response to the objection.

3. The FHWA shall take into account any ACHP recommendation or comment provided in accordance with this stipulation with reference only to the subject of the objection; the FHWA's responsibility to carry out all actions under this Agreement that are not the subjects of the objection shall remain unchanged.

B. Objection by the Public

At any time during the implementation of the measures stipulated in this Agreement should a member of the public object to the FHWA or the VDOT regarding the manner in which the measures stipulated in this Agreement are being implemented, the FHWA shall notify the signatories to this Agreement and consult with the objector to resolve the objection. The signatories may request that the FHWA notify the other concurring parties to this Agreement about the objection as well.

IX. Amendments and Termination

A. Any signatory to this Agreement may propose in writing to the FHWA that the Agreement be amended, whereupon the FHWA shall consult with the other signatories to consider such an amendment. 36 CFR 800.6 (c) (7) shall govern the execution of any

such amendment. Any signatory to this Agreement may terminate it in accordance with the provisions of 36 CFR 800.6 (c) (8).

B. If the FHWA and the VDOT decide they will not proceed with the Project, they may so notify the signatories and other consulting parties and then this Agreement shall become null and void.

C. In the event that this Agreement is terminated or rendered null and void, the VDOT shall submit to the SHPO a technical report on the results of any archaeological investigation conducted prior to and including the date of termination, and shall ensure that any associated collections and records recovered from VDOT right of way are curated in accordance with Stipulation VII of this Agreement.

D. In the event that this Agreement is terminated or rendered null and void, the VDOT shall return to any private property owner any artifact collections that the VDOT has recovered from private property, unless the VDOT and the individual property owner have reached an agreement on an alternative arrangement. If the private property owner donates the artifact collection to the DHR by executing a donation agreement for the collection with DHR within ninety (90) days of receipt of written notification from VDOT of its intent to return the collections to the private property owner, the VDOT shall assume responsibility for payment of DHR's standard collection curation fee for the donated artifact collection.

E. In the event that this Agreement is terminated, the FHWA shall either execute a memorandum of agreement with the signatories under 36 CFR 800.6 (c) (1) or request the comments of the ACHP under 36 CFR 800.7(a).

X. Duration

This Agreement shall continue in full force and effect until six (6) years after the date of the last signature of a signatory party. At any time in the six (6)-month period prior to such date, the FHWA may request that the signatory parties consider an extension or modification of this agreement. No extension or modification shall be effective unless all signatories to the Agreement have concurred with it in writing.

XI. Execution of Agreement

This Agreement may be executed in counterparts, with a separate page for each signatory. The FHWA shall ensure that each party is provided with a copy of the fully executed Agreement.

Execution of this Agreement by the FHWA, the SHPO, and the VDOT, and its submission to the ACHP in accordance with 36 CFR 800.6(b) (1) (IV) shall, pursuant to 36 CFR 800.6(c), be considered to be an agreement with the ACHP for the purposes of Section 110(I) of the National Historic Preservation Act (16 U.S.C. 470). Execution and submission of the Agreement, and implementation of its terms, is evidence that the

FHWA has afforded the ACHP an opportunity to comment on the proposed undertaking and its effects on historic properties, and that the FHWA has taken into account the effects of the undertaking on historic properties.

SIGNATORY:

FEDERAL HIGHWAY ADMINISTRATION

for By: Marisol Lopez Cruz
Irene Rico, Division Administrator
Virginia Division

Date: 3/2/12

SIGNATORY:

VIRGINIA STATE HISTORIC PRESERVATION OFFICER

By: _____ Date: 2/4/02
Kathleen S. Kilpatrick, Director
Virginia Department of Historic Resources

SIGNATORY:

VIRGINIA DEPARTMENT OF TRANSPORTATION

By: _____ Date: 2/21/2012
Stephen J. Long, Administrator
Environmental Division

SIGNATORY:

VIRGINIA CIVIL WAR TRAILS

By: H. Mitchell Bowman Date: 2-22-12

H. Mitchell Bowman
Executive Director

CONCUR:

THE MEMORIAL FOUNDATION OF THE GERMANNA COLONIES IN VIRGINIA, INC.

By: _____ Date: _____
Karen Quanbeck
Executive Director

CONCUR:

BRANDY STATION FOUNDATION

By: _____ Date: 3/1/12
Joseph W. McKinney
President

CONCUR:

MS. ELIZABETH NELSON

By: Elizabeth Nelson Date: Mar. 2, 2012
Elizabeth Nelson

CONCUR:

VIRGINIA OUTDOORS FOUNDATION

By: _____ Date: 7/24/12
G. Robert Lee
Executive Director

CONCUR:

VIRGINIA COUNCIL ON INDIANS

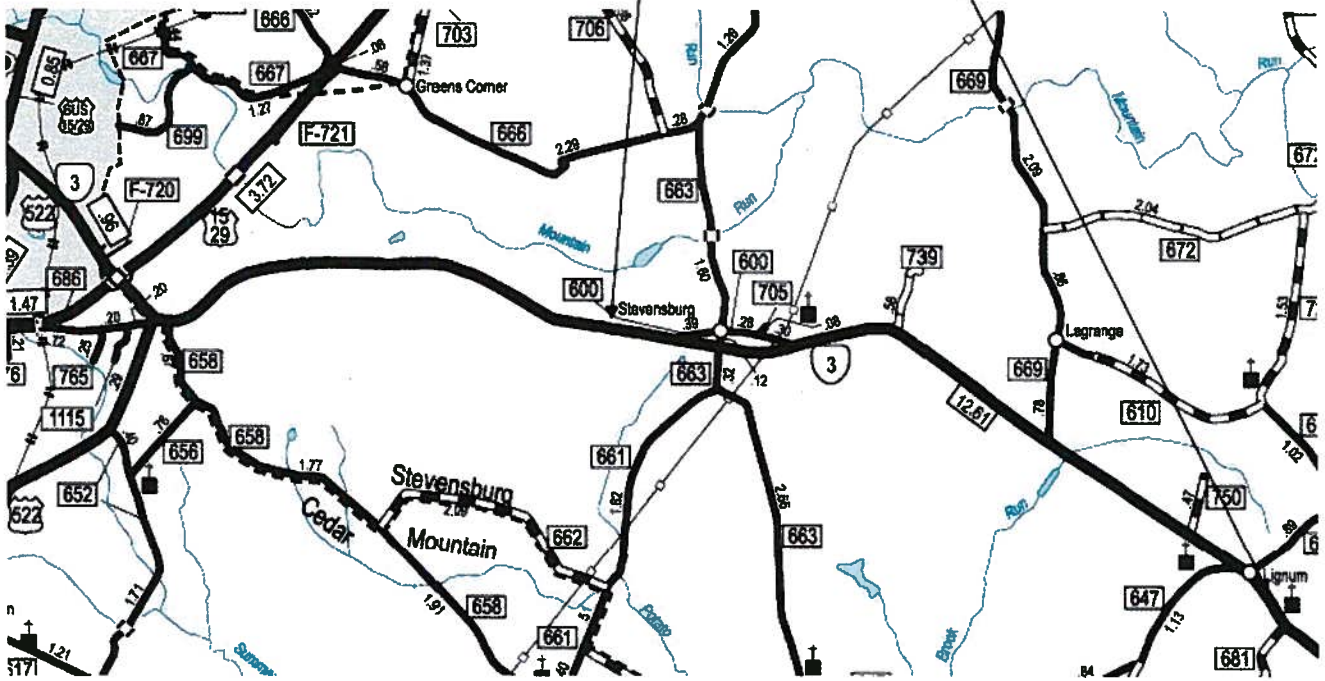
By: Deanna Beacham Date: 2/21/12
Deanna Beacham
Program Specialist

CONCUR:

COUNTY OF CULPEPER

By: _____ Date: _____
Frank Bossio
County Administrator

Culpeper County
Route 3
From: 4.0 miles east of Route 29
To: 9.0 miles east of Route 29



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FOR INDEX OF SHEETS SEE SHEET 1B

THIS PROJECT WAS DEVELOPED UTILIZING THE DEPARTMENT'S ENGINEERING DESIGN PACKAGE (GEOPAK).
GEOPAK Computer Identification No. (UPC 14657)

STATE	FEDERAL AID PROJECT	STATE ROUTE	STATE PROJECT	SHEET NO.
VA.		3	0003 - 023 - 107 (SEE TABULATION BELOW FOR SECTION NUMBERS)	1

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

CULPEPER COUNTY
ROUTE 3
FROM: 4.1 Mi. EAST OF ROUTE 29
TO: 4.0 Mi. WEST OF THE CULPEPER/ORANGE COUNTY LINE

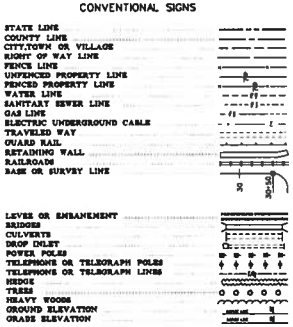
FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA			
Rural Minor Arterial - Rolling - 60 MPH Min. Design Speed			
	Fr: US-522 To: Route 663	Fr: Route 663 To: Route 750	Fr: Route 750 To: Orange County line
ADT (2009)	7849	8495	10370
ADT (2040)	14115	16081	20330
DHV	1080	1342	1724
D (%) (design hour)	7.6%	8.3%	8.5%
T (%) (design hour)	9.7%	9.6%	7.6%
V (MPH)	*	*	*

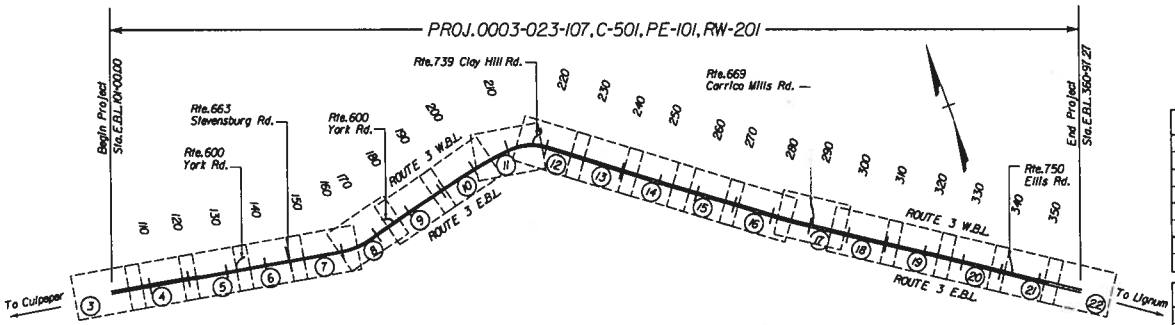
* See plan and profile sheets for horizontal and vertical curve design speeds.

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

PROJECT MANAGER...Barry Jones, (540) 829-7554
SURVEYED BY VDOT...(000).000-0000, (District)
DESIGN SUPERVISED BY Mark Buccla, (804) 515-8300
DESIGNED BY David Bachhuber, (757) 306-4002

CONVENTIONAL SIGNS





SCALE
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THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY AS AWARDED, HAS BEEN SEALED AND SIGNED USING DIGITAL SIGNATURES AND THE OFFICIAL PLAN ASSEMBLY IN ELECTRONIC FORMAT IS STORED IN THE VDOT CENTRAL OFFICE PLAN LIBRARY, INCLUDING ALL SUBSEQUENT REVISIONS, WILL BE THE OFFICIAL CONSTRUCTION PLANS. FOR INFORMATION RELATIVE TO ELECTRONIC FILES AND LAYERED PLANS, SEE THE GENERAL NOTES.

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

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT'S 2007 ROAD AND BRIDGE SPECIFICATIONS, 2008 ROAD AND BRIDGE STANDARDS, 2009 MUTCD, 2011 VIRGINIA SUPPLEMENT TO THE MUTCD, 2011 VIRGINIA WORK AREA PROTECTION MANUAL AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

ALL CURVES ARE TO BE SUPERELEVATED, TRANSITIONED AND WIDENED IN ACCORDANCE WITH STANDARD TC-5.01R, EXCEPT WHERE OTHERWISE NOTED.

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

Culpeper County Population 34,263 (2000 Census)

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	EQUALITIES	LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		BRIDGE PROJECT NO.	TYPE PROJECT	DESCRIPTION
					FEET	FEET	MILES	FEET	MILES			
0003-023-107	PE-101			14657		26,000	4.929	26,000	4.929		Prelim. Engr.	From: 4.1 Mi. East of Route 29 To: 4.0 Mi. West of the Culpeper/Orange Co. line
	RW-201			14657		26,000	4.929	26,000	4.929		R/W	From: 4.1 Mi. East of Route 29 To: 4.0 Mi. West of the Culpeper/Orange Co. line
	C-501		1000	14657		26,000	4.929	26,000	4.929		Const.	From: 4.1 Mi. East of Route 29 To: 4.0 Mi. West of the Culpeper/Orange Co. line

Project Lengths are based on Route 3 E.B.L. Construction Baseline.

REVISED

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

APPROVED FOR RIGHT OF WAY ACQUISITION	
DATE	CHIEF OF POLICY AND ENVIRONMENT

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

APPROVED FOR CONSTRUCTION	
DATE	CHIEF ENGINEER

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

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PROJECT	SHEET NO.
0003-023-107	1

1/13/2012
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Plotted By: localuser

PROJECT MANAGER: Barry Jones (540) 829-7554
SURVEYED BY: VDOT - (000) 000-0000 (District)
DESIGN SUPERVISED BY: Mark Burris (804) 515-8300
DESIGNED BY: David Bostrubes (571) 306-9000

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	3

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

AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER	AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER

UTILITY OWNERS

POWER
Allegheny Power
3463 Valley Pike
Winchester, VA 22602
(540) 722-5866

TELEPHONE
Verizon
502 E. Piedmont St.
Culpeper, VA 22701
(504) 829-2655

WATER & SEWER
Frederick County Sanitation Authority
P. O. Box 1877
Winchester, VA 22604
(540) 868-1061

LEGEND

- 1 S'd Guardrail Terminal GR-11 Req'd
- 2 S'd Guardrail GR-2 Req'd
- 3 S'd Guardrail Terminal GR-7, MGS-350 MAT-10 Req'd
- 4 S'd Guardrail GR-10 Type III Req'd
- 5 S'd Guardrail Terminal GR-9 Req'd
- 6 S'd Radial Guardrail GR-2 Req'd
- 7 S'd MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
- 8 S'd MS-2, Raised Grass Median Strip Req'd
- 9 S'd MS-1A, Solid Concrete Raised Median Strip Req'd
- 10 S'd Radial CG-7, Combination 4" Curb and Gutter
- 11 S'd CG-7, Combination 4" Curb and Gutter
- 12 S'd Radial CG-3, 4" Curb
- 13 S'd Curb Ramp CG-12 Type A Req'd

- Denotes Proposed Pavement
- Denotes Mill and Overlay of Existing Pavement
- Denotes Demolition of Pavement
- Denotes Proposed Concrete Emergency Spillway
- Denotes Graded V-Ditch
- (XX-XX) Denotes Drainage Structure
- C ---- Denotes Construction Limits in Cuts
- F ---- Denotes Construction Limits in Fills

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

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Rte. 3 EBL Profile	3A
Rte. 3 WBL Profile	3A
Entrance Profiles	23(1)
Drainage Descriptions	--
E & S Control Plan PH. I	3B

T.M. 52 PCL'S 6.6-8.7
LUCK STONE CORPORATION
Instr. #020003582
Plat Cab. 3 Pg. 146
850.9057 Ac.

001
T.M. 53 PCL 2
RODGERS FAMILY LIMITED PARTNERSHIP
D.B. 643 PG. 20
PLAT D.B. 88 PG. 175
176.25 AC.

058
T.M. 53 PCL 5
CULPEPER PROPERTIES, LLC
Instr. #050011361
Plat Cab. 3 Pg. 146
83.9392 Ac.

Begin Proj. PE-101, RW-201, C-501
Sta. 101+00.00 Route 3 EBL Constr. BL

Match Line E.B.L. Sta. 106+50 See Sheet No. 4

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

SCALE	PROJECT	SHEET NO.
0 50' 100'	0003-023-107	3

1/15/2002
11:44:24 AM

d1465T004.dgn
Plotted By: hoofstuser

PROJECT MANAGER: Barry Jones (540) 828-7554
SURVEYED BY: VDOT, 1000\1000-0000, (District)
DESIGN SUPERVISED BY: Mark Burris, (804)535-8300
DESIGNED BY: David Boothuser (757)306-4000

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	4

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

AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER	AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER

001
T.M.53 PCL 2
RODGERS FAMILY LIMITED PARTNERSHIP
D.B.643 Pg.80
PLAT D.B.88 Pg.175
176.25 AC.

002
T.M.53 PCL 3
RODGERS FAMILY LIMITED PARTNERSHIP
D.B.643 Pg.20
PLAT D.B.88 Pg.176
86.50 AC.

058
T.M.53 PCL 5
CULPEPER PROPERTIES, LLC
Instr. #050011361
Plat Cab. 3 Pg.146
83.9392 Ac.

004
T.M.53 PCL 6
DONALD C. WELLS, Jr.
JOHN A COVINGTON, TRUSTEE, REVOCABLE TRUST AGREEMENT OF JOHN A COVINGTON
D.B.570 Pg.587
D.B.577 Pg.595
D.B.706 Pg.559 (V.D.F. Esmt.)
209.8 Ac.

Match Line E.B.L. Sta.106+50 See Sheet No.3

Match Line E.B.L. Sta.120+50 See Sheet No.5

RTE.3 WBL CONSTR.BL

RTE.3 EBL CONSTR.BL

Route 3 (WBL)
PI = 1120+15.89
DELTA = 4°46'53.6" (RT)
D = 1°44'49"
T = 136.94'
L = 273.73'
R = 3,280.00'
PC = 1118+78.94
PT = 1121+52.67
V = 60 mph
E = 4%

Route 3 (EBL)
PI = 120+15.22
DELTA = 1°47'55.00" (RT)
D = 1°44'49"
T = 51.49'
L = 103.05'
R = 3,280.00'
PC = 119+63.73
PT = 120+66.69
V = 60 mph
E = 4%

PC 1118+78.94
PC 119+63.73

R=1153.00'
L=279.82'

S 80°03'39" E

(S 80°03'39" E 279.82')

(S 24°15'W 426.82')
(S 24°15'W 426.82')

(N 85°42'15" W 639.18')
(N 90°00'00" E 606.37')

(N 68°18'30" W 617.5')

(S 71°49'28" E 2729.88')

Proj. 13" Paved Shoulder

Proj. 8" Paved Shoulder

12' Lane

Existing 4" Paved Shoulder

Existing 2" Paved Shoulder

Existing 4" Paved Shoulder

Existing 2" Paved Shoulder

Existing R/W VDOT Project 0003-023-107, RW-201, C-501

Exist R/W Proj. 755-A

Perm. Drainage Esmt. Instr. #020005653

Prop. Permanent Drainage Easement

Prop. R/W

Basin #1 Bottom of Basin = EL. 302.0

Top of Berm = EL. 306.0

Cultivated Field

Utility Esmt. Instr. #020005338

Tele. Ped. #23 1/3 Vepco #CE-73

Vepco #135-DE-12

Vepco #134-DE-51

Vepco #135-DE-91

Vepco #CE-44 5 Guy Wires

No Junction box visible, approx. location of pipes.

In Pl. 30" RCP w/Debris Inv. Out 301.96

In Pl. Conc. Ditch Top Grate 309.50 Inv. Out 30" RCP 303.52

In Pl. 24" CMP Inv. Out 301.56 Inv in (Unable To Locate)

In Pl. 12" CMP

VP #0445 CE-43

Vepco #E-25 Y Guy Wires Metal Sign

Fiber Optic Vault

30" COMM. ENTR. TYPE 11(E)-(-X)

25" COMM. ENTR. TYPE 11(F)-(-X)

Paved & Gravel Entr. Block 0"-4"

Paved & Gravel Entr. Block 0"-4"

Bldg. 52

Bldg. 55

Ends 79

Ends 112

12" Conc. Pipe 4373 E.B.L.

Ditch

Gravel

Paved

Utilities

Trees

Fence

Overhead Wires

Power Pole

Guy Wire

Sign

Inlet

Manhole

Curb & Gutter

Edge of Pvmt.

Prop. Pvmt.

Existing Pvmt.

Match Line

Prop. Pvmt.

Existing Pvmt.

Match Line

The Buildings In This Area are Part of the Stone Quarry.

LEGEND

1. Std. Guardrail Terminal GR-11 Req'd
2. Std. Guardrail GR-2 Req'd
3. Std. Guardrail Terminal GR-7, MCHRP 350 Req'd
4. Std. Guardrail GR-10 Type III Req'd
5. Std. Guardrail Terminal GR-9 Req'd
6. Std. Radial Guardrail GR-2 Req'd
7. Std. MC-3S, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
8. Std. MS-2, Raised Grass Median Strip Req'd
9. Std. MS-1A, Solid Concrete Raised Median Strip Req'd
10. Std. Radial CG-7, Combination 4" Curb and Gutter
11. Std. CG-7, Combination 4" Curb and Gutter
12. Std. Radial CG-3, 4" Curb
13. Std. Curb Ramp CG-12 Type A Req'd

Denotes Proposed Pavement

Denotes Mill and Overlay of Existing Pavement

Denotes Demolition of Pavement

Denotes Proposed Concrete Emergency Spillway

Denotes Graded V-Ditch

XX-XX Denotes Drainage Structure

C Denotes Construction Limits In Cuts

F Denotes Construction Limits In Fills

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

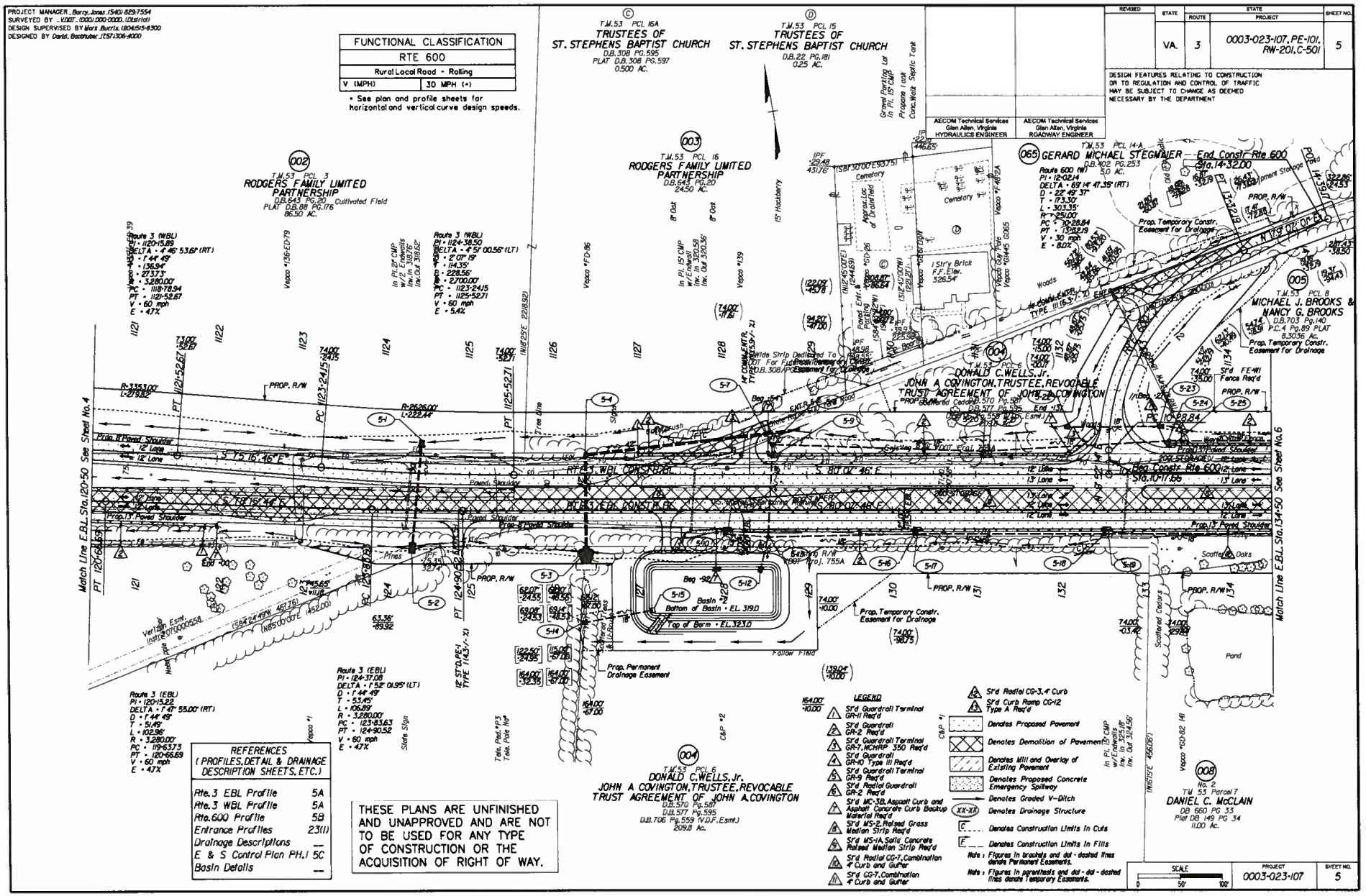
Note: Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

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

Rte. 3 EBL Profile	4A
Rte. 3 WBL Profile	4A
Entrance Profiles	23(1)
Drainage Descriptions	—
E & S Control Plan PH. I 4B	
Basin Details	—

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

SCALE	PROJECT	SHEET NO.
0 50' 100'	0003-023-107	4


FUNCTIONAL CLASSIFICATION
RTE 600
Rural Local Road - Rolling
V (MPH) | 30 MPH (*)
* See plan and profile sheets for horizontal and vertical curve design speeds.
PROJECT MANAGER...Barry Jones (540) 829-7554
SURVEYED BY ...VDOT...(000).000-0000...(District)
DESIGN SUPERVISED BY Mark Burris (804)515-8300
DESIGNED BY David Beckhuber (757)306-4000
REVISED
STATE VA.
ROUTE 3
STATE PROJECT 0003-023-107, PE-101, RW-201, C-501
SHEET NO. 5
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT
AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER
AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER
T.M.53 PCL 15A TRUSTEES OF ST. STEPHENS BAPTIST CHURCH D.B.308 PG.595 PLAT D.B.308 PG.597 0.500 AC.
T.M.53 PCL 15 TRUSTEES OF ST. STEPHENS BAPTIST CHURCH D.B.22 PG.181 0.25 AC.
002 T.M.53 PCL 3 RODGERS FAMILY LIMITED PARTNERSHIP D.B.643 PG.20 PLAT D.B.88 PG.176 86.50 AC. Cultivated Field
003 T.M.53 PCL 16 RODGERS FAMILY LIMITED PARTNERSHIP D.B.643 PG.20 24.50 AC.
065 GERARD MICHAEL STEGMAIER D.B.402 PG.253 5.0 AC.
005 T.M.53 PCL 8 MICHAEL J. BROOKS & NANCY G. BROOKS D.B.703 Pg.140 P.C.4 Pg.89 PLAT 8.3036 Ac.
004 T.M.53 PCL 6 DONALD C.WELLS,Jr. JOHN A COVINGTON,TRUSTEE,REVOCABLE TRUST AGREEMENT OF JOHN A.COVINGTON D.B.570 Pg.587 D.B.577 Pg.595 D.B.706 Pg.559 (V.D.F.Esmt.) 209.8 Ac.
008 No. 2 T.M. 53 Parcel 7 DANIEL C. McCLAIN DB 660 PG 33 Plat DB 149 PG 34 11.00 Ac.
Route 3 (WBL) PI • 1120+15.89 DELTA • 1°46' 53.6" (RT) D • 1°44' 49" T • 136.94' L • 273.73' R • 3280.00' PC • 1118+78.94 PT • 1121+52.67 V • 60 mph E • 4.7%
Route 3 (WBL) PI • 1124+38.50 DELTA • 4°51' 00.56" (LT) D • 2°01' 19" T • 114.35' L • 228.56' R • 2700.00' PC • 1123+24.15 PT • 1125+52.71 V • 60 mph E • 5.4%
Route 3 (EBL) PI • 120+15.22 DELTA • 1°44' 55.00" (RT) D • 1°44' 49" T • 51.49' L • 102.96' R • 3280.00' PC • 119+63.73 PT • 120+66.69 V • 60 mph E • 4.7%
Route 3 (EBL) PI • 124+37.08 DELTA • 1°52' 01.95" (LT) D • 1°44' 49" T • 53.45' L • 106.89' R • 3280.00' PC • 123+83.63 PT • 124+90.52 V • 60 mph E • 4.7%
Route 600 (NB) PI • 12+02.14 DELTA • 89° 14' 47.35" (RT) D • 22° 49' 37" T • 173.30' L • 303.35' R • 251.00' PC • 10+28.84 PT • 13+32.19 V • 30 mph E • 8.0%
REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)
Rte. 3 EBL Profile 5A
Rte. 3 WBL Profile 5A
Rte. 600 Profile 5B
Entrance Profiles 23(1)
Drainage Descriptions —
E & S Control Plan PH.1 5C
Basin Details —
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.
LEGEND
Denotes Proposed Pavement
Denotes Demolition of Pavement
Denotes Mill and Overlay of Existing Pavement
Denotes Proposed Concrete Emergency Spillway
Denotes Graded V-Ditch
Denotes Drainage Structure
Denotes Construction Limits In Cuts
Denotes Construction Limits In Fills
Note : Figures in brackets and dot - dashed lines denote Permanent Easements.
Note : Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.
Match Line E.B.L. Sta.120+50 See Sheet No.4
Match Line E.B.L. Sta.134+50 See Sheet No.6
RT 43 WBL CONST. R/W
RT 43 EBL CONST. R/W
PROP. R/W
Prop. Temporary Constr. Easement for Drainage
Prop. Permanent Drainage Easement
Basin Bottom of Basin • EL. 319.0 Top of Berm • EL. 323.0
Beg Constr. Rte 600 Sta.10+11.66
End Constr. Rte 600 Sta.14+32.00
Pond
SCALE 0 50' 100'
PROJECT 0003-023-107
SHEET NO. 5

1/27/2012
11:08:51 AM
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Plotted By: locaIuser
PROJECT MANAGER Barry Jones (540) 829-7554
SURVEYED BY VDOT (000) 000-0000 (District)
DESIGN SUPERVISED BY Mark Burris (804)515-8300
DESIGNED BY David Bachhuber (757)306-9000
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.
AECOM Technical Services
Glen Allen, Virginia
HYDRAULICS ENGINEER
AECOM Technical Services
Glen Allen, Virginia
ROADWAY ENGINEER
REVISED
STATE
ROUTE
PROJECT
SHEET NO.
VA.
3
0003-023-107, PE-101, RW-201, C-501
6
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT
Match Line E.B.L. Sta.134+50 See Sheet No.5
Match Line E.B.L. Sta.148+50 See Sheet No.7
"Old Germanna Plank Rd."
RTE.3 WBL CONSTR.BL
RTE.3 EBL CONSTR.BL
U.S. Route 3, Germanna Highway
Rte. 661, Black Jack Rd.
005
T.M.53 PCL 8
MICHAEL J. BROOKS &
NANCY G. BROOKS
D.B.703 Pg.140
P.C.4 Pg.89 PLAT
8.3036 Ac.
007
T.M.53 PCL 9, 10, & 11
LILLIE MAE LOOKABILL &
DONNA SUE HARRIS &
DONA DARLENE EADS
Instr.#020003941
Note: No Property Description
End Constr Rte 663 (N)
Sta.12+90.00
006
T.M.53 PCL 8A
GUADALUPE JUAREZ &
AMANDA TORRES
Beg Constr Rte 663 (N)
Sta.10+18.50
011
T.M.53 PCL 25
TIMOTHY LEE LAWRENCE &
LORI LAWRENCE
Instr.#060011252
D.B.263 Pg.47 & 48 Plats
2.98 Ac.(Aggregate)
Consist of Lot 1, Lot 2, & Lot 3
008
No. 2
T.M 53 Parcel 7
DANIEL C. McCLAIN
DB 660 PG 33
Plat DB 149 PG 34
11.00 Ac.
2 Story Metal & CB Building
009
T.M.53 PCL 7A
FEDERAL HOME LOAN
MORTGAGE CORPORATION
Instr.#060011453
D.B.435 Pg.311 Plat
1.15 Ac.
End Constr Rte 663 (S)
Sta.12+10.00
Beg Constr Rte 663 (S)
Sta.10+18.40
010
T.M.53 PCL 37
GWENDOLYN F. HITT &
GEORGE ANDREW HITT
Instr.#080000322 Will
D.B.294 Pg.1 Plat
1.372 Ac.
T.M.53 Parcel 37A
UNITED METHODIST
CHURCH
DB 559 PG 146
Plat DB 550 PG 061
0.4185 Ac.
LEGEND
Std Guardrail Terminal GR-11 Req'd
Std Guardrail GR-2 Req'd
Std Guardrail Terminal GR-7, NCHRP 350 Req'd
Std Guardrail GR-10 Type III Req'd
Std Guardrail Terminal GR-9 Req'd
Std Radial Guardrail GR-2 Req'd
Std MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
Std MS-2, Raised Grass Median Strip Req'd
Std MS-1A, Solid Concrete Raised Median Strip Req'd
Std Radial CG-7, Combination 4" Curb and Gutter
Std CG-7, Combination 4" Curb and Gutter
Std Radial CG-3, 4" Curb
Std Curb Ramp CG-12 Type A Req'd
Denotes Proposed Pavement
Denotes Mill and Overlay of Existing Pavement
Denotes Demolition of Pavement
Denotes Proposed Concrete Emergency Spillway
Denotes Graded V-Ditch
Denotes Drainage Structure
Denotes Construction Limits In Cuts
Denotes Construction Limits In Fills
Note: Figures in brackets and dot-dashed lines denote Permanent Easements.
Note: Figures in parenthesis and dot-dot-dashed lines denote Temporary Easements.
REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)
Rte.3 EBL Profile 6A
Rte.3 WBL Profile 6A
Rte.663 Profile 6B
Entrance Profiles 23(1)
Drainage Descriptions —
E & S Control Plan PH.1 6C
FUNCTIONAL CLASSIFICATION
RTE 663
Rural Collector Road - Rolling
V (MPH) 40 MPH (*)
* See plan and profile sheets for horizontal and vertical curve design speeds.
SCALE
0 50' 100'
PROJECT
0003-023-107
SHEET NO.
6

1/15/2012
11:24:47 AM

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Plotted By: localuser

PROJECT MANAGER: Barry_Jones (540) 829-7554
SURVEYED BY: VDOT, (000) 000-0000, (District)
DESIGN SUPERVISED BY: Mark Burris, (804) 515-8300
DESIGNED BY: David_Bachhuber, (757) 306-4000

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	7

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

AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER	AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER

Match Line E.B.L. Sta. 148+50 See Sheet No. 6

Match Line E.B.L. Sta. 162+50 See Sheet No. 8

RTE. 3, WBL CONSTR. BL. S 80°07'46" E

RTE. 3, EBL CONSTR. BL. S 80°07'46" E

TM 53 Parcel 27
IRVIN N. BENNETT & BETTIE W. BENNETT
DB 378 PG 212
16.444 Ac.

TM 53 Parcel 26
MICHAEL GARRET BACKE
DB 499 PG 351
0.25 Ac.

TM 53 Parcel 29
MICHAEL GARRET BACKE
DB 499 PG 351
1.0 Ac.

T.M.53 PCL 30
HURT CO, LLC
Instr. #010001495
0.50 Ac.

T.M.53 PCL 31
MILTON J. KELLER & KATHRYN W. KELLER
D.B.641 Pg.253
D.B.423 Pg.453
2.65 Ac.

062
T.M.53 PCL 35
GARY RANDALL HITT
Instr. #060006808
Plat Folder 2 Pg. 972 & 973
2.7730 Ac.

015
TM 53 Parcel 32B
KENNETH WILLIAM HITT & JANE BROWN HITT
DB 182 PG 390
1.42 Ac.

016
TM 53 Parcel 32C
KENNETH L. BROWN & VIRGINIA G. BROWN
DB 472 PG 139
Plat DB 146 PG 264
38.269 Ac.

011
TIMOTHY LEE LAWRENCE & LORI LAWRENCE
Instr. #060011252
D.B. 263 Pg. 47 & 48 Plats
2.98 Ac. (Aggregate)
Consist of Lot 1, Lot 2, & Lot 3

012
JEFFREY LEE STUART
Instr. #000018923
D.B. 263 Pg. 48 Plat
0.47 Ac.
Note: Parcel Unimproved

013
T.M.53 PCL 38B
GEORGE ANDREW HITT, RUBY D. HITT & GWENDOLYN F. HITT
D.B. 581 Pg. 419
D.B. 292 Pg. 752 Plat
2.681 Ac.
Note: Parcel Unimproved

014
TM 53 Parcel 37
GEORGE ANDREW HITT, RUBY D. HITT & GWENDOLYN F. HITT
DB 581 Pg. 419
Plat DB 292 PG 752
2.681 Ac.

059
TM 53 Parcel 37A
GWENDOLYN FAITH HITT
DB 484 PG 435
Plat DB 294 PG 51
2.004 Ac.

060
T.M.53 PCL 35A
GWENDOLYN F. HITT & GEORGE ANDREW HITT
Instr. #080000322 Will
D.B. 294 Pg. 1 Plat
1.00 Ac.

064
TM 53 Parcel 38
PATRICIA BROWN ALBANESE
DB 548 PG 386
Plat DB 292 PG 752
Plat DB 299 PG 813
3.40 Ac.
Note: Parcel Unimproved

018
Tract III
TM 53 Parcel 39A
BLUE RIDGE FARM, INC.
DB 343 PG 035
51.4 Ac.
Note: Parcel Unimproved

TM 53 Parcel 38A
DAVID J. HUNT & FLORENCE C. HUNT
DB 320 PG 601
PC 5, PG 176
5.5723 Ac.

Route 3 (WBL)
PI • 163+95.38
DELTA • 26°13'27.87" (LT)
D • 2°36'29"
T • 448.83'
L • 881.57'
R • 1926.00'
PC • 159+46.76
PRC • 168+28.29
V • 60 mph
E • 6.6%

Route 3 (EBL)
PI • 164+04.23
DELTA • 26°13'27.87" (LT)
D • 2°54'4"
T • 498.44'
L • 980.76'
R • 1968.00'
PC • 159+45.82
PRC • 168+46.58
V • 60 mph
E • 6.7%

Prop. Temporary Constr. Easement for Entrance

Prop. Temporary Constr. Easement for Slopes

Prop. 13' Paved Shoulder

Prop. 16' Paved Shoulder

Prop. Temporary Constr. Easement for Entrance

Gravel Parking Lot

Paved Parking

Yard

Pasture

Woods

Woven Wire Fence

Barbed Wire Fence

Old Abandoned Street

Old County Road Existing Ingress/Egress Esmt.

Note: House Located 498.58'+/- From Rte 3

Note: No Property Desc.

Note: House, Drainfield and Well Located 498.68'+/- From Rte 3

Note: Privy In Use

Note: House, Drainfield and Well Located 498.68'+/- From Rte 3

Note: House, Drainfield and Well Located 498.00'+/- From Rte 3

Note: Parcel Unimproved

Note: Parcel Unimproved

Note: Parcel Unimproved

Note: Parcel Unimproved

LEGEND

1. Std. Guardrail Terminal GR-4 Req'd
2. Std. Guardrail GR-2 Req'd
3. Std. Guardrail Tapered, GR-7, MCHRP 350 Req'd
4. Std. Guardrail GR-10 Type III Req'd
5. Std. Guardrail Terminal GR-9 Req'd
6. Std. Radial Guardrail GR-2 Req'd
7. Std. MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
8. Std. MS-2, Raised Grass Median Strip Req'd
9. Std. MS-1A, Solid Concrete Raised Median Strip Req'd
10. Std. Radial CG-7, Combination 4" Curb and Gutter
11. Std. CG-7, Combination 4" Curb and Gutter
12. Std. Radial CG-3, 4" Curb
13. Std. Curb Ramp CG-12 Type A Req'd

Denotes Proposed Pavement

Denotes Mill and Overlay of Existing Pavement

Denotes Demolition of Pavement

Denotes Proposed Concrete Emergency Spillway

Denotes Graded V-Ditch

(XX-XX) Denotes Drainage Structure

C Denotes Construction Limits In Cuts

F Denotes Construction Limits In Fills

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

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

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

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

Rte. 3 EBL Profile	7A
Rte. 3 WBL Profile	7A
Entrance Profiles	23(1)
Drainage Descriptions	—
E & S Control Plan PH. I	7B

SCALE 0 50' 100'

PROJECT	SHEET NO.
0003-023-107	7

1/27/2012
PROJECT MANAGER Barry Jones (540) 829-7554
SURVEYED BY VDOT (District)
DESIGN SUPERVISED BY Mark Burris (804)515-8300
DESIGNED BY David Bachtuber (571)306-4000
LEGEND
Std Guardrail Terminal GR-11 Req'd
Std Guardrail GR-2 Req'd
Std Guardrail Terminal GR-7, NCHRP 350 Req'd
Std Guardrail GR-10 Type III Req'd
Std Guardrail Terminal GR-9 Req'd
Std Radial Guardrail GR-2 Req'd
Std MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
Std MS-2, Raised Grass Median Strip Req'd
Std MS-1A, Solid Concrete Raised Median Strip Req'd
Std Radial CG-7, Combination 4" Curb and Gutter
Std CG-7, Combination 4" Curb and Gutter
Std Radial CG-3, 4" Curb
Std Curb Ramp CG-12 Type A Req'd
Denotes Proposed Pavement
Denotes Mill and Overlay of Existing Pavement
Denotes Demolition of Pavement
Denotes Proposed Concrete Emergency Spillway
Denotes Graded V-Ditch
Denotes Drainage Structure
Denotes Construction Limits In Cuts
Denotes Construction Limits In Fills
Note : Figures in brackets and dot - dashed lines denote Permanent Easements.
Note : Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.
T.M.53 PCL 35 GARY RANDALL HITT
T.M.53 Parcel 32 KENNETH DONALD HITT & DONNA B. HITT
T.M.53 PCL 32A KENNETH DONALD HITT & DONNA B. HITT
T.M.53 PCL 32N BRITTON ROSS HITT CRYSTAL RENEA HITT
T.M.53 PCL 77A3 W. RANDOLPH GUM & GLENDA L. GUM
T.M.53 PCL 77A CHARLES E. LOYD, Jr. & MARGARET G. LOYD
T.M.53 PCL 77A4 JOHN CORBEY
Tract III TM 53 Parcel 39A BLUE RIDGE FARM, INC.
RTE.3 WBL CONSTR.BL
RTE.3 EBL CONSTR.BL
End Constr. Rte 600 Sta.12+62.00
Match Line E.B.L. Sta.162+50 See Sheet No.7
Match Line E.B.L. Sta.175+50 See Sheet No.9
AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER
AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER
REVISED | STATE | ROUTE | PROJECT | SHEET NO.
VA. | 3 | 0003-023-107, PE-101, RW-201, C-501 | 8
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT
FUNCTIONAL CLASSIFICATION
RTE 600
Rural Local Road - Rolling
V (MPH) | 20 MPH (*)
* See plan and profile sheets for horizontal and vertical curve design speeds
REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)
Rte.3 EBL Profile 8A
Rte.3 WBL Profile 8A
Rte.600 Profile 8B
Entrance Profiles 23(2)
Drainage Descriptions —
E & S Control Plan PH.I 8C
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.
SCALE 0 50' 100'
PROJECT 0003-023-107 SHEET NO. 8

1/13/2012
4:25:47 PM

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Plotted By: localuser

PROJECT MANAGER: Barry Jones (540) 829-7554
SURVEYED BY: VDOT, (000) 000-0000, (District)
DESIGN SUPERVISED BY: Mark Burris, (804) 515-8300
DESIGNED BY: David Bachhuber, IT (571) 306-1000

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	9

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

AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER	AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER

Match Line E.B.L. Sta. I75+50 See Sheet No.8

Match Line E.B.L. Sta. I89+50 See Sheet No.10

(023)
T.M.53 PCL 77A
CHARLES E. LOYD, Jr. & MARGARET G. LOYD
Instr. #070008118
Instr. #010007944
Plat Cabinet 3 Slide 21
Plat Cabinet 7 Slide 362 (Subdivision)
Plat Folder 2 Pg.745 (Subdivision)
24.60 Ac.

(024)
T.M.53 PCL 79
LAURA N. GRAYSON AND BRISON C. ROHRBACH, AS TRUSTEES OF THE LAURA N. GRAYSON REVOCABLE TRUST, DATED MARCH 25, 2002
Instr. #020005501
D.B. 151 Pg. 78 Plat
46.52 Ac.

(018)
Tract III
TM 53 Parcel 39A
BLUE RIDGE FARM, INC.
DB 343 PG 035
51.4 Ac.

(019)
T.M.53 PCL 73
BLUE RIDGE FARM, INCORPORATED
D.B. 343 PG. 25
PLAT D.B. 106 PG. 331
D.B. 561 PG. 316 V.D.F. Esmt.
(21.19 Acres (Assessed)

(064)
T.M.53 PCL 73A
THE MEMORIAL FOUNDATION OF THE GERMANNA COLONIES IN VIRGINIA, INC.
Instr. #000005289
Plat Cabinet 4 Slides 159 & 160
D.B. 556 Pgs. 302 O.H.R. Esmt.
19.5567 Acres

LEGEND

- Std Guardrail Terminal GR-11 Req'd
- Std Guardrail GR-2 Req'd
- Std Guardrail Terminal GR-7, NCHRP 350 Req'd
- Std Guardrail GR-10 Type III Req'd
- Std Guardrail Terminal GR-9 Req'd
- Std Radial Guardrail GR-2 Req'd
- Std MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
- Std MS-2, Raised Grass Median Strip Req'd
- Std MS-1A, Solid Concrete Raised Median Strip Req'd
- Std Radial CG-7, Combination 4" Curb and Gutter
- Std CG-7, Combination 4" Curb and Gutter
- Std Radial CG-3, 4" Curb
- Std Curb Ramp CG-12 Type A Req'd

Denotes Proposed Pavement
Denotes Mill and Overlay of Existing Pavement
Denotes Demolition of Pavement
Denotes Proposed Concrete Emergency Spillway
Denotes Graded V-Ditch
(XX-XX) Denotes Drainage Structure
C Denotes Construction Limits In Cuts
F Denotes Construction Limits In Fills
Note: Figures in brackets and dot - dashed lines denote Permanent Easements.
Note: Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

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

Rte. 3 EBL Profile	9A
Rte. 3 WBL Profile	9A
Entrance Profiles	23(21)
Drainage Descriptions	—
E & S Control Plan PH. I	9B
Basin Details	—

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

SCALE 0 50' 100'

PROJECT	SHEET NO.
0003-023-107	9

1/13/2012
4054/5 PH

d:\MES700\dgn
Plotted By: hoshuser

PROJECT MANAGER: Barry Jones (540) 829-7554
SURVEYED BY: VDOT (000) 000-0000 (District)
DESIGN SUPERVISED BY: Mark Burris (804) 515-8300
DESIGNED BY: David Bachhuber (757) 306-4000

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	10

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

AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER	AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER

Match Line E.B.L. Sta. 189+50 See Sheet No. 9

Match Line E.B.L. Sta. 203+50 See Sheet No. 11

(024) T.M. 53 PCL 79
LAURA N. GRAYSON AND BRISON C. ROHRBACH, AS TRUSTEES OF THE LAURA N. GRAYSON REVOCABLE TRUST, DATED MARCH 25, 2002
Instr. #020005507
D.B. 151 Pg. 78 Plat
46.52 Ac.

(025) T.M. 53 PCL 79-A
RONALD BUKSAITIS
D.B. 389 PG. 605
1.96 Ac.

(026) T.M. 53 PCL 77
JOHN R. STOY & J. ROBERT YEAMAN III, TRUSTEES
D.B. 566 PG. 625
196.9 Ac.

(027) T.M. 53 PCL 75
CHERRY PEC PARTNERSHIP
D.B. 367 PG. 584
PLAT D.B. 187 PG. 72
251.23 Ac. (Assessment)

(031) T.M. 54 PCL 140
IRENE W. CARNES
Lot I
Instr. #000004549
P.U.M. 30 Page 300 & 301
20.0000 Ac.

(019) T.M. 53 PCL 73
BLUE RIDGE FARM, INCORPORATED
D.B. 343 PG. 25
PLAT D.B. 106 PG. 33
D.B. 561 PG. 316 V.D.F. Esmt.
181.19 Acres (Assessed)

Route 3 (WBL)
PI = 1200+90.60
DELTA = 9° 25' 07.98" (RT)
D = 0° 28' 33"
T = 992.03'
L = 1975.55'
PC = 12042.02'
PT = 1190+98.57
RCC = 1210+78.16
V = 60 mph
E = NC

Route 3 (EBL)
PI = 200+89.45
DELTA = 9° 17' 04.69" (RT)
D = 0° 28' 39"
T = 974.42'
L = 1944.57'
R = 12000.00'
PC = 191+15.04
PCC = 210+59.61
V = 60 mph
E = NC

PC 1190+98.57

PROP. R/W

RTE. 3 WBL CONSTR. BL

RTE. 3 EBL CONSTR. BL

Prop. Temporary Constr. Easement for Entrance

Prop. Temporary Constr. Easement for Drainage

Prop. Permanent Drainage Easement

Existing R/W of VDOT Proj. 106 A6-2

Prop. 13' Paved Shoulder

Prop. 10' Paved Shoulder

Prop. 12' Lane

Prop. 4' Paved Shoulder

Prop. 8' Paved Shoulder

Prop. 6.5' South of R/W Line

Prop. 6.5' North of R/W Line

Prop. 6.5' Min.

Prop. 6.5' Max.

Prop. 6.5' Min. Refuge Setback

Prop. 6.5' Max. Refuge Setback

Prop. R/W Mon.

Existing R/W Mon.

Woods

Scattered Trees

Pasture

Yard

Approx. Location of Drainfield

Gravel Field Entrance

Metal Spacer w/ Wire Strands

Strand B-Wire

Woven Wire Fence

Chain Link Fence

Concrete Barrier

Concrete Curb Walk

Stone Rip Rap

Existing Guardrail

Proposed Guardrail

Proposed Guardrail Terminal

Proposed Concrete Barrier

Proposed Concrete Curb Backup Material

Proposed Concrete Curb and Gutter

Proposed Concrete Curb Ramp

Proposed Concrete Sidewalk

Proposed Concrete Median Strip

Proposed Concrete Emergency Spillway

Proposed Grassed Median Strip

Proposed Grassed Shoulder

Proposed Grassed Slope

Proposed Grassed Ditch

Proposed Drainage Structure

Proposed Pavement

Proposed Mill and Overlay of Existing Pavement

Proposed Demolition of Pavement

Proposed Construction Limits in Cuts

Proposed Construction Limits in Fills

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

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

LEGEND

1. Std Guardrail Terminal GR-11 Req'd
2. Std Guardrail GR-2 Req'd
3. Std Guardrail Terminal GR-7, NCHRP 350 Req'd
4. Std Guardrail GR-10 Type III Req'd
5. Std Guardrail Terminal GR-9 Req'd
6. Std Radial Guardrail GR-2 Req'd
7. Std MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
8. Std MS-2, Raised Grass Median Strip Req'd
9. Std MS-1A, Solid Concrete Raised Median Strip Req'd
10. Std Radial CG-7, Combination 4" Curb and Gutter
11. Std CG-7, Combination 4" Curb and Gutter
12. Std Radial CG-3, 4" Curb
13. Std Curb Ramp CG-12 Type A Req'd

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

Rte. 3 EBL Profile	10A
Rte. 3 WBL Profile	10A
Entrance Profiles	23(2)
Drainage Descriptions	—
E & S Control Plan PH. I	10B

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

SCALE 0 50' 100'

PROJECT	SHEET NO.
0003-023-107	10

1/13/2012
4:05:21 PM

PROJECT MANAGER Barry Jones (540) 829-7554
SURVEYED BY VDOT (000) 000-0000 (District)
DESIGN SUPERVISED BY Mark Burris (804) 515-8300
DESIGNED BY David Bachhuber (757) 306-4000

d146570ll.dgn
Plotted By: locaIuser

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	11

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

AECOM Technical Services
Glen Allen, Virginia
HYDRAULICS ENGINEER

AECOM Technical Services
Glen Allen, Virginia
ROADWAY ENGINEER

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

LEGEND

1. Std Guardrail Terminal GR-11 Req'd
2. Std Guardrail GR-2 Req'd
3. Std Guardrail Terminal GR-7, NCHRP 350 Req'd
4. Std Guardrail GR-10 Type III Req'd
5. Std Guardrail Terminal GR-9 Req'd
6. Std Radial Guardrail GR-2 Req'd
7. Std MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
8. Std MS-2, Raised Grass Median Strip Req'd
9. Std MS-1A, Solid Concrete Raised Median Strip Req'd
10. Std Radial CG-7, Combination 4" Curb and Gutter
11. Std CG-7, Combination 4" Curb and Gutter
12. Std Radial CG-3, 4" Curb
13. Std Curb Ramp CG-12 Type A Req'd

Denotes Proposed Pavement
Denotes Mill and Overlay of Existing Pavement
Denotes Demolition of Pavement
Denotes Proposed Concrete Emergency Spillway
Denotes Graded V-Ditch
(XX-XX) Denotes Drainage Structure
C Denotes Construction Limits in Cuts
F Denotes Construction Limits in Fills

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

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Rte. 3 EBL Profile	11A
Rte. 3 WBL Profile	11A
Entrance Profiles	23(3)
Drainage Descriptions	—
E & S Control Plan PH. I	11B
Basin Details	—

SCALE 0 50' 100'

PROJECT 0003-023-107
SHEET NO. 11

1/27/2012
11:07:51 AM
PROJECT MANAGER Barry Jones (540) 829-7554
SURVEYED BY VDOT (000) 000-0000 (District)
DESIGN SUPERVISED BY Mark Burris (804) 515-8300
DESIGNED BY David Bachhuber (757) 306-4000
d14657012.dgn
Plotted By: localuser
REVISED
STATE
ROUTE
PROJECT
SHEET NO.
VA.
3
0003-023-107, PE-101, RW-201, C-501
12
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT
AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER
AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER
FUNCTIONAL CLASSIFICATION
RTE 739
Rural Local Road - Rolling
V (MPH)
25 MPH (*)
* See plan and profile sheets for horizontal and vertical curve design speeds.
027
T.M.53 PCL 75
CHERRY PEC PARTNERSHIP
D.B. 367 PG. 584
PLAT D.B. 187 PG. 72
251.23 Ac. (Assessment)
028
T.M.53 PCL 74
HURTCO, LLCo
Instr. #010007495
Plat Cabinet 5 Slide 108
6.960 Ac.
033
T.M.54 PCL 13
EVANGELOS P. CARAFIDES
MARIA CARAFIDES
D.B. 286 PG. 627
PLAT D.B. 286 PG. 629
20.8697 AC.
Woods
029
T.M.54 PCL 14C
IRENE W. CARNES
Instr. #080001302
D.B. 289 Pg. 47 Plat
257.20 Ac.
032
T.M.54 PCL 14-B
WILLIAM A. SPILLMAN III
D.B. 416 PG. 577
DESC. D.B. 416 PG. 578
3.00 AC.
Route 739
PI = 13+75.83
DELTA = 75° 50' 49.49" (LT)
Route 739
PI = 11+56.80
DELTA = 63° 44' 06.76" (RT)
D = 29° 13' 57"
T = 121.85'
L = 218.03'
R = 196.00'
PC = 10+34.95
PT = 12+52.98
V = 25 mph
E = 7.9%
Route 3 (WBL)
PI = 1215+57.65
DELTA = 4° 00' 49.53" (RT)
D = 4° 28' 09"
T = 479.50'
L = 917.69'
R = 1,282.00'
PCC = 1210+78.16
PT = 1219+95.84
V = 60 mph
E = 8.0%
Route 3 (EBL)
PI = 215+16.79
DELTA = 4° 08' 52.80" (RT)
D = 4° 42' 15"
T = 457.19'
L = 874.73'
R = 1,218.00'
PCC = 210+59.61
PT = 219+34.33
V = 60 mph
E = 8.0%
End Constr Rte. 739 Sta. 13+03.00
Beg Constr Rte. 739 Sta. 10+16.82
Match Line E.B.L. Sta. 215+50 See Sheet No. 11
Match Line E.B.L. Sta. 228+50 See Sheet No. 13
Basin #7
Bottom of Basin = EL. 343.0
Top of Berm = EL. 346.0
Prop. Permanent Drainage Easement
Prop. Temporary Constr. Easement for Entrance
Prop. Equine Refuge Area
Fallow Field
Drainfield
PROP. R/W
200' STORAGE
Paved Shoulder
LEGEND
Std Guardrail Terminal GR-11 Req'd
Std Guardrail GR-2 Req'd
Std Guardrail Terminal GR-7, NCHRP 350 Req'd
Std Guardrail GR-10 Type III Req'd
Std Guardrail Terminal GR-9 Req'd
Std Radial Guardrail GR-2 Req'd
Std MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
Std MS-2, Raised Grass Median Strip Req'd
Std MS-1A, Solid Concrete Raised Median Strip Req'd
Std Radial CG-7, Combination 4" Curb and Gutter
Std CG-7, Combination 4" Curb and Gutter
Std Radial CG-3, 4" Curb
Std Curb Ramp CG-12 Type A Req'd
Denotes Proposed Pavement
Denotes Mill and Overlay of Existing Pavement
Denotes Demolition of Pavement
Denotes Proposed Concrete Emergency Spillway
Denotes Graded V-Ditch
Denotes Drainage Structure
Denotes Construction Limits In Cuts
Denotes Construction Limits In Fills
Note: Figures in brackets and dot - dashed lines denote Permanent Easements.
Note: Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.
REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)
Rte. 3 EBL Profile 12A
Rte. 3 WBL Profile 12A
Rte. 739 Profile 12B
Entrance Profiles 23(3)
Drainage Descriptions —
E & S Control Plan PH. I 12C
Basin Details —
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.
SCALE
0
50'
100'
PROJECT
0003-023-107
SHEET NO.
12

1/13/2012
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d1465703.dgn
Plotted By: hoshauser

PROJECT MANAGER: Barry Jones (540) 829-7554
SURVEYED BY: VDOT (000) 000-0000 (District)
DESIGN SUPERVISED BY: Mark Burris (804) 515-8300
DESIGNED BY: David Boshuber (757) 306-4000

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	13

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

AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER

AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER

Match Line E.B.L. Sta. 228+50 See Sheet No. 12

Match Line E.B.L. Sta. 242+50 See Sheet No. 14

033
T.M. 54 PCL. 13
EVANGELOS P. CARAFIDES
MARIA CARAFIDES
D.B. 286 PG. 627
PLAT D.B. 286 PG. 629
20.8697 AC.

035
T.M. 54 PCL 15
JOHANNES C. VAN WINGERDEN
D.B. 480 PG. 695
PLAT D.B. 147 PG. 254
15.35 AC.

034
T.M. 54 PCL 14A
MARKHAM D. SMITH, SCOTT P. SMITH, & DOUGLAS S. SMITH
D.B. 723 Pg. 100
D.B. 174 Pg. 134 Plat
30.00 Ac.

036
T.M. 54 PCL 16
JOHN M. WARNER
D.B. 627 PG. 455
12.01 AC.

032
T.M. 54 PCL 17
WILLIAM A. SPRUILL III
D.B. 416 PG. 577
DESC. D.B. 416 PG. 578
3.00 AC.

029
T.M. 54 PCL 14C
IRENE W. CARNES
Inst. #080001302
D.B. 289 Pg. 47 Plat
257.20 Ac.

RTE. 3 WBL CONSTR. BL. ℄ STA. 229+27.71

RTE. 3 EBL CONSTR. BL. ℄ STA. 229+27.71

Top of Berm = EL. 335.5

Bottom of Basin = El. 332.2

Prop. 8' Paved Shoulder

Existing Paved Shoulder

Prop. 12' Lane

Prop. 11' Lane

Existing 12' Lane

Existing 11' Lane

Existing Paved Shoulder

Existing 8' Paved Shoulder

Prop. 8' Paved Shoulder

Existing 5 Strand B-Wire

Prop. 4 Strand B-Wire

Existing 4 Strand B-Wire

Existing Woven Wire

Existing Chain Link Fence

Existing Fence

Existing Guardrail

Existing Concrete Barrier

Existing Concrete Median

Existing Concrete Curb

Existing Concrete Gutter

Existing Concrete Sidewalk

Existing Concrete Curb & Gutter

Existing Concrete Curb Ramp

Existing Concrete Entrance

Existing Concrete Apron

Existing Concrete Pad

Existing Concrete Slab

Existing Concrete Wall

Existing Concrete Footing

Existing Concrete Pier

Existing Concrete Abutment

Existing Concrete Retaining Wall

Existing Concrete Culvert

Existing Concrete Pipe

Existing Concrete Box Culvert

Existing Concrete Headwall

Existing Concrete Endwall

Existing Concrete Wingwall

Existing Concrete Apron

Existing Concrete Pad

Existing Concrete Slab

Existing Concrete Wall

Existing Concrete Footing

Existing Concrete Pier

Existing Concrete Abutment

Existing Concrete Retaining Wall

Existing Concrete Culvert

Existing Concrete Pipe

Existing Concrete Box Culvert

Existing Concrete Headwall

Existing Concrete Endwall

Existing Concrete Wingwall

Woods

Hay Field

Pond

Stream

Ditch

Road

Driveway

Entrance

Apron

Pad

Slab

Wall

Footing

Pier

Abutment

Retaining Wall

Culvert

Pipe

Box Culvert

Headwall

Endwall

Wingwall

LEGEND

- Std Guardrail Terminal GR-11 Req'd
- Std Guardrail GR-2 Req'd
- Std Guardrail Terminal GR-7, NCHRP 350 Req'd
- Std Guardrail GR-10 Type III Req'd
- Std Guardrail Terminal GR-9 Req'd
- Std Radial Guardrail GR-2 Req'd
- Std MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
- Std MS-2, Raised Gross Median Strip Req'd
- Std MS-1A, Solid Concrete Raised Median Strip Req'd
- Std Radial CG-7, Combination 4" Curb and Gutter
- Std CG-7, Combination 4" Curb and Gutter
- Std Radial CG-3, 4" Curb
- Std Curb Ramp CG-12 Type A Req'd

Denotes Proposed Pavement

Denotes Mill and Overlay of Existing Pavement

Denotes Demolition of Pavement

Denotes Proposed Concrete Emergency Spillway

Denotes Graded V-Ditch

(XX-XX) Denotes Drainage Structure

C Denotes Construction Limits In Cuts

F Denotes Construction Limits In Fills

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

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

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

Rte. 3 EBL Profile	13A
Rte. 3 WBL Profile	13A
Entrance Profiles	23(3)
Drainage Descriptions	—
E & S Control Plan PH. I	13B

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

SCALE	PROJECT	SHEET NO.
0 50 100	0003-023-107	13

1/14/2012
3:06:47 PM

e1465704.dgn
Plotted By: hcostuser

PROJECT MANAGER: Barry Jones (540) 829-7554
SURVEYED BY: VDOT, 6000.000-0000, (District)
DESIGN SUPERVISED BY: Mark Burris, (804) 515-8300
DESIGNED BY: David Bashuber (757) 306-4000

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	14

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

AECOM Technical Services, Glen Allen, Virginia — HYDRAULICS ENGINEER
AECOM Technical Services, Glen Allen, Virginia — ROADWAY ENGINEER

Match Line E.B.L. Sta. 242+50 See Sheet No.14

Match Line E.B.L. Sta. 255+75 See Sheet No.15

(N77°45'W 728.60')

(N75°00'W 200.00')

(S72°45'00"E 145.00')

(S75°30'E 67.40')

(N77°45'W 728.60')

038 T.M.54 PCL 16A
BETTY ANN JONES
Instr. #040007600
D.B.183 Pg.131 Plat
1.01 Ac. (Assessed)

039 T.M.54 PCL 16-B
ROBERT E. THOMPSON
ANNA WARNER THOMPSON
D.B.189 PG.446
PLAT - D.B.189 PG.449
1.06 AC.

037 T.M.54 PCL 16-D
JOHN M. WARNER
D.B.627 PG.455
7.25 AC.

048 T.M.54 PCL 16C
WILLIAM E. HOLMES &
SARAH J. WARNER
Instr. #070007910
D.B.250 Pg.299
2.00 Ac.

036 T.M.54 PCL 16
JOHN M. WARNER
D.B.627 PG.455
12.01 AC.

040 T.M.54 PCL 20C
DAVID B. CARTER &
RHODA B. CARTER
INSTR.#000025II
D.B.400 Pg.427 Plat
35.8328 Ac.

036 T.M.54 PCL 16
JOHN M. WARNER
D.B.627 PG.455
12.01 AC.

040 T.M.54 PCL 20C
DAVID B. CARTER &
RHODA B. CARTER
INSTR.#000025II
D.B.400 Pg.427 Plat
35.8328 Ac.

Exist R/W Proj.185-AR-1

PROP. R/W

R/S 3 WBL CONST. 8.0'

R/S 3 EBL CONSTR. 8.0'

Grass Median

Exist R/W Proj.185-AR-1

Prop. Paved Shoulder

Scattered Trees

Fallow Field

Brush & Trees

Strand Wire Fence

Frame Barn

Frame Sheds

Frame Dwelling

Frame Shed

Frame Outbuilding

Frame Storage Bldg.

Wooden Porch

Concrete Walk

Woods

Scattered Trees

Std. FE-WI Fence Req'd

Prop. Temporary Const. Easement for Drainage

Prop. Temporary Easement for Drainage

Prop. Permanent Easement for Drainage

Prop. Permanent Easement for Slope

Prop. Permanent Easement for Utility

Prop. Permanent Easement for Sight Distance

Prop. Permanent Easement for Sight Distance & Utility

Prop. Permanent Easement for Slope & Utility

Prop. Permanent Easement for Slope & Sight Distance

Prop. Permanent Easement for Slope, Sight Distance & Utility

Prop. Permanent Easement for Slope & Drainage

Prop. Permanent Easement for Drainage & Utility

Prop. Permanent Easement for Slope, Drainage & Utility

Prop. Permanent Easement for Slope, Drainage & Sight Distance

Prop. Permanent Easement for Slope, Drainage, Sight Distance & Utility

Prop. Permanent Easement for Sight Distance, Drainage & Utility

LEGEND

- Std. Guardrail Terminal GR-11 Req'd
- Std. Guardrail GR-2 Req'd
- Std. Guardrail Terminal GR-7, NCHRP 350 Req'd
- Std. Guardrail GR-10 Type III Req'd
- Std. Guardrail Terminal GR-9 Req'd
- Std. Radial Guardrail GR-2 Req'd
- Std. MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
- Std. MS-2, Raised Grass Median Strip Req'd
- Std. MS-1A, Solid Concrete Raised Median Strip Req'd
- Std. Radial CG-7, Combination 4" Curb and Gutter
- Std. CG-7, Combination 4" Curb and Gutter
- Std. Radial CG-3, 4" Curb
- Std. Curb Ramp CG-12 Type A Req'd

Denotes Proposed Pavement
Denotes Mill and Overlay of Existing Pavement
Denotes Demolition of Pavement
Denotes Proposed Concrete Emergency Spillway
Denotes Graded V-Ditch
(XX-XX) Denotes Drainage Structure
C Denotes Construction Limits in Cuts
F Denotes Construction Limits in Fills
Note: Figures in brackets and dot - dashed lines denote Permanent Easements.
Note: Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

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

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

Rte. 3 EBL Profile	14A
Rte. 3 WBL Profile	14A
Entrance Profiles	23(3)
Drainage Descriptions	—
E & S Control Plan PH. I	14B

SCALE 0 50' 100'

PROJECT 0003-023-107

SHEET NO. 14

1/14/2012
3:06:19 PM

d1465705.dgn
Plotted By: lacostaver

PROJECT MANAGER: Barry Jones (540) 829-7554
SURVEYED BY: VDOT, (000) 000-0000, (District)
DESIGN SUPERVISED BY: Mark Burris, (804) 515-6300
DESIGNED BY: David Bachhuber, IT (571) 306-4000

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	15

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

AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER

AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER

042
T.M.54 PCL 25BI
COSMOPOLITAN INVESTMENTS, LLC
D.B.612 PG.776
PLAT D.B.3 PG.94
26.13 AC.

043
T.M.54 PCL 25A
METROPOLITAN INVESTMENTS, LLC
D.B.571 PG.674
D.B.466 PG.753
PLAT CABINET 3 PG.94
17.22 AC.

044
T.M.54 PCL 17
RHODA BROWN CARTER
W.B.127 PG.523
PLAT D.B.104 PG.436
0.90 AC.

045
T.M.54 PCL 20
RHODA BROWN CARTER
W.B.127 PG.523
PLAT D.B.123 PG.346
45.10 Ac.(Assessment)

046
T.M.54 PCL 18
RHODA BROWN CARTER
W.B.127 PG.523
PLAT D.B.104 PG.436
1.61 AC.

040
T.M.54 PCL 20C
DAVID B. CARTER &
RHODA B. CARTER
INST.#.*000002511
D.B.400 Pg.427 Plat
35.8328 Ac.

Match Line E.B.L. Sta. 255+75 See Sheet No.15

Match Line E.B.L. Sta. 269+50 See Sheet No.16

Prop. Temporary Constr. Easement for Drainage

Conc. parking area overlayed with 12' pavement to ramp over existing conc. curb

Concrete Parking Area

Asphalt Parking

Conc. Sidewalk

Green House F.F. Elev. 322.54

Green House F.F. Elev. 319.3

Green House

Timber Landscaping Wood Sign

Wood Sign

Pavement

Gravel Road

Prop. 4' Paved Shoulder

Prop. 8' Paved Shoulder

Exist R/W Proj. 185-AR1

PROP. R/W

Prop. Temporary Constr. Easement for Entrance

Prop. Permanent Drainage Easement

Hayfield

Woods

Scattered Hardwoods

Stand of Hardwoods

Orchard

Fence

Overhead Wires

Boxed Culvert

Inlet

Manhole

Tel. Ped. *196

Wood Sign

Tel. Ped. *197

Wood Sign

Tel. Ped. *198

Wood Sign

10" Cherry

3" Oak Wooden Sign

12" Walnut

14" Oak

14" Oak

14" Oak

Note * 1: A 50' Right of Way Serving Following Parcels Recorded Deed Books:
Pcl * 17, D.B.161/Pg.28, Pcl.19, D.B.132/Pg.415, Pcl.20, D.B.123/Pg.346
Pcl* 20-C, D.B.370/Pg.596, Pcl.20-C-1 D.B.370/Pg.596 & Pcl.21, D.B.195/Pg.154

LEGEND

1. Std Guardrail Terminal GR-11 Req'd
2. Std Guardrail GR-2 Req'd
3. Std Guardrail Terminal GR-7, NCHRP 350 Req'd
4. Std Guardrail GR-10 Type III Req'd
5. Std Guardrail Terminal GR-9 Req'd
6. Std Radial Guardrail GR-2 Req'd
7. Std MC-1B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
8. Std MS-2, Raised Gross Median Strip Req'd
9. Std MS-1A, Solid Concrete Raised Median Strip Req'd
10. Std Radial CG-7, Combination 4" Curb and Gutter
11. Std CG-7, Combination 4" Curb and Gutter
12. Std Radial CG-3, 4" Curb
13. Std Curb Ramp CG-12 Type A Req'd

Denotes Proposed Pavement
Denotes Mill and Overlay of Existing Pavement
Denotes Demolition of Pavement
Denotes Proposed Concrete Emergency Spillway
Denotes Graded V-Ditch
XX-XX Denotes Drainage Structure
C Denotes Construction Limits In Cuts
F Denotes Construction Limits In Fills
Note: Figures in brackets and dot - dot - dashed lines denote Permanent Easements.
Note: Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

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

Rte. 3 EBL Profile	15A
Rte. 3 WBL Profile	15A
Entrance Profiles	23(3), 14)
Drainage Descriptions	—
E & S Control Plan PH. I	15B
Basin Details	—

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

SCALE 0 50' 100'

PROJECT	SHEET NO.
0003-023-107	15

1/14/2012
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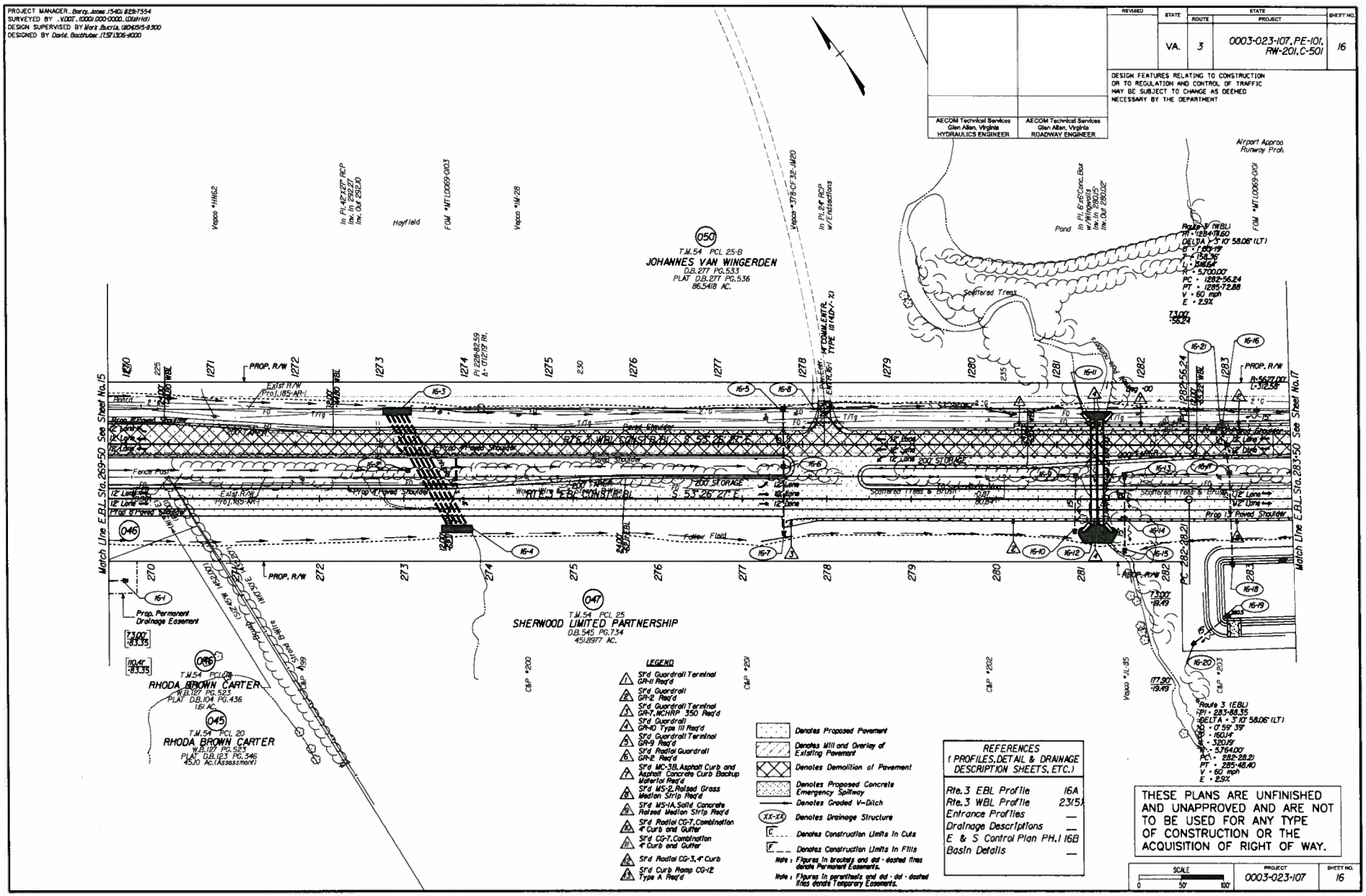
4146570164.dgn
Plotted By: lacoluser

PROJECT MANAGER: Barry Jones (540) 829-7554
SURVEYED BY: VDOT (000) 000-0000 (District)
DESIGN SUPERVISED BY: Mark Burris (804) 515-8300
DESIGNED BY: David Bachruber (757) 306-4000

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	16

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

AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER	AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER



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

Rte.3 EBL Profile	16A
Rte.3 WBL Profile	23(5)
Entrance Profiles	—
Drainage Descriptions	—
E & S Control Plan PH.1	16B
Basin Details	—

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

SCALE 0 50' 100'

PROJECT	SHEET NO.
0003-023-107	16

1/27/2012
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Plotted By: localuser

PROJECT MANAGER: Barry Jones (540) 828-7554
SURVEYED BY: VDOT, 1000.000-0000, (District)
DESIGN SUPERVISED BY: Mark Burris, (804)555-8300
DESIGNED BY: David Bachhuber (757)306-9000

FUNCTIONAL CLASSIFICATION	
RTE 669	
Rural Collector Road - Rolling	
V (MPH)	50 MPH (+)

• See plan and profile sheets for horizontal and vertical curve design speeds.

AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER	AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	17

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

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

End Constr Rte 669 Sta. 15+42.00

Beg Constr Rte 669 Sta. 10+18.04

Match Line E.B.L. Sta. 283+50 See Sheet No. 16

Match Line E.B.L. Sta. 297+50 See Sheet No. 18

049 A — T.M.54 PCL 25-D — PRINS ENTERPRISES, INC. — D.B.656 PG.625 — PLAT PC 6 SLIDE 42 — 195.1975 AC.

050 B — T.M.54 PCL 25-B — JOHANNES VAN WINGERDEN — D.B.277 PG.533 — PLAT D.B.277 PG.536 — 86.5418 AC.

048 — T.M.54 PCL 25C — SHERWOOD LIMITED PARTNERSHIP — INSTR.#080006571 — P.C.4 Pg.318 PLAT — 47.559 Ac.

047 — T.M.54 PCL 25 — SHERWOOD LIMITED PARTNERSHIP — D.B.545 PG.734 — 451.8977 AC.

Route 3 (WBL) PI • 1284+14.60 DELTA • 5°10'58.06" (LT) D • 1°00'00" T • 158.36 L • 316.64 R • 5730.00 PC • 1282+56.24 PT • 1285+72.88 V • 60 mph E • 2.9%

Route 3 (EBL) PI • 288+88.35 DELTA • 5°10'58.06" (LT) D • 0°59'39" T • 160.14 L • 320.12 R • 5764.00 PC • 282+28.21 PT • 285+48.40 V • 60 mph E • 2.9%

LEGEND

Sf'd Guardrail Terminal GR-11 Req'd
Sf'd Guardrail GR-2 Req'd
Sf'd Guardrail Terminal GR-7, MCHRP 350 Req'd
Sf'd Guardrail GR-10 Type III Req'd
Sf'd Guardrail Terminal GR-9 Req'd
Sf'd Radial Guardrail GR-2 Req'd
Sf'd MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
Sf'd MS-2, Raised Grass Median Strip Req'd
Sf'd MS-1A, Solid Concrete Raised Median Strip Req'd
Sf'd Radial CG-7, Combination 4" Curb and Gutter
Sf'd CG-7, Combination 4" Curb and Gutter
Sf'd Radial CG-3, 4" Curb
Sf'd Curb Ramp CG-12 Type A Req'd
Denotes Proposed Pavement
Denotes Mill and Overlay of Existing Pavement
Denotes Demolition of Pavement
Denotes Proposed Concrete Emergency Spillway
Denotes Graded V-Ditch
Denotes Drainage Structure
Denotes Construction Limits in Cuts
Denotes Construction Limits in Fills
Note: Figures in brackets and dot - dashed lines denote Permanent Easements.
Note: Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

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

Rte. 3 EBL Profile	17A
Rte. 3 WBL Profile	17A
Rte. 669 Profile	17B
Entrance Profiles	23(5)
Drainage Descriptions	—
E & S Control Plan PH. I	17C
Basin Details	—

SCALE 0 50' 100

PROJECT	SHEET NO.
0003-023-107	17

1/14/2012
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PROJECT MANAGER Barry Jones (540) 829-7554
SURVEYED BY VDOT (000) 000-0000 (District)
DESIGN SUPERVISED BY Mark Burris (804) 515-8300
DESIGNED BY David Bachuber (757) 306-8000

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	18

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

AECOM Technical Services, Glen Allen, Virginia — HYDRAULICS ENGINEER
AECOM Technical Services, Glen Allen, Virginia — ROADWAY ENGINEER

LEGEND

1. Std Guardrail Terminal GR-11 Req'd
2. Std Guardrail GR-2 Req'd
3. Std Guardrail Terminal GR-7, NCHRP 350 Req'd
4. Std Guardrail GR-10 Type III Req'd
5. Std Guardrail Terminal GR-9 Req'd
6. Std Radial Guardrail GR-8 Req'd
7. Std MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
8. Std MS-2, Raised Grass Median Strip Req'd
9. Std MS-1A, Solid Concrete Raised Median Strip Req'd
10. Std Radial CG-7, Combination 4" Curb and Gutter
11. Std CG-7, Combination 4" Curb and Gutter
12. Std Radial CG-3, 4" Curb
13. Std Curb Ramp CG-12 Type A Req'd

- Denotes Proposed Pavement
- Denotes Mill and Overlay of Existing Pavement
- Denotes Demolition of Pavement
- Denotes Proposed Concrete Emergency Spillway
- Denotes Graded V-Ditch
- (XX-XX) Denotes Drainage Structure
- C Denotes Construction Limits in Cuts
- F Denotes Construction Limits in Fills

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

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

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

Rte. 3 EBL Profile	18A
Rte. 3 WBL Profile	18A
Entrance Profiles	23(5)
Drainage Descriptions	—
E & S Control Plan PH. I	18B
Basin Details	—

SCALE 0 50' 100'

PROJECT	SHEET NO.
0003-023-107	18

1/14/2012
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Plotted By: localuser

1/15/2012
12:22:51 PM

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Plotted By: localuser

PROJECT MANAGER Barry Jones (540) 829-7554
SURVEYED BY VDOT (000) 000-0000 (District)
DESIGN SUPERVISED BY Mark Burris (804)515-8300
DESIGNED BY David Bachhuber (757)306-8000

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	20

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

AECOM Technical Services
Glen Allen, Virginia
HYDRAULICS ENGINEER

AECOM Technical Services
Glen Allen, Virginia
ROADWAY ENGINEER

LEGEND

1. Std Guardrail Terminal GR-11 Req'd
2. Std Guardrail GR-2 Req'd
3. Std Guardrail Terminal GR-7, NCHRP 350 Req'd
4. Std Guardrail GR-10 Type III Req'd
5. Std Guardrail Terminal GR-9 Req'd
6. Std Radial Guardrail GR-2 Req'd
7. Std MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
8. Std MS-2, Raised Grass Median Strip Req'd
9. Std MS-1A, Solid Concrete Raised Median Strip Req'd
10. Std Radial CG-7, Combination 4" Curb and Gutter
11. Std CG-7, Combination 4" Curb and Gutter
12. Std Radial CG-3, 4" Curb
13. Std Curb Ramp CG-12 Type A Req'd

Denotes Proposed Pavement
Denotes Mill and Overlay of Existing Pavement
Denotes Demolition of Pavement
Denotes Proposed Concrete Emergency Spillway
Denotes Graded V-Ditch
(XX-XX) Denotes Drainage Structure
C Denotes Construction Limits In Cuts
F Denotes Construction Limits In Fills
Note: Figures in brackets and dot-dashed lines denote Permanent Easements.
Note: Figures in parenthesis and dot-dot-dashed lines denote Temporary Easements.

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

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

Rte. 3 EBL Profile	20A
Rte. 3 WBL Profile	20A
Entrance Profiles	23(5)
Drainage Descriptions	—
E & S Control Plan	PH.120B
Basin Details	—

SCALE 0 50' 100'

PROJECT	SHEET NO.
0003-023-107	20

1/27/2012
11:06:32 AM

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Plotted By: kcashuer

PROJECT MANAGER: Barry Jones (540) 829-7554
SURVEYED BY: VDOT, (000)-000-0000, (District)
DESIGN SUPERVISED BY: Mark Burris, (804)-515-6300
DESIGNED BY: David Bachhuber (757)-306-9000

FUNCTIONAL CLASSIFICATION	
RTE 750	
Rural Local Road - Rolling	
V (MPH)	30 MPH (*)

* See plan and profile sheets for horizontal and vertical curve design speeds.

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	21

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

AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER	AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER

End Constr Rte 750 Sta.14+05.00

Beg Constr Rte 750 Sta.10+18.32

Match Line E.B.L. Sta.339+50 See Sheet No.20

Match Line E.B.L. Sta.353+50 See Sheet No.22

056 T.M.54 PCL 31 BARBARA ANN GORDON W.B. 65 Page 106 D.B. 127 Page 458 Plat D.B. 610 Page 231 12.75 Ac. Lot 3

055 T.M. 54 Pcl. 28 BARBARA ANN GORDON W.B. 65 Page 106 D.B. 178 Page 46 D.B. 114 Page 335 88.368 Acres (Assessed)

057 T.M.54 PCL 31A BARBARA ANN GORDON Instr. #050013157 10.4 Ac. Lot 1

Route 750 PI = 10+86.80 DELTA = 25° 52' 35.50" (LT) D = 22° 48' 37" T = 57.66 L = 113.36 R = 251.00' PC = 10+29.14 PT = 11+42.50 V = 30 mph E = 8.0%

Route 3 (WBL) PI = 1348+94.67 DELTA = 7° 54' 27.56" (LT) D = 1° 08' 45" T = 83.24' L = 166.47' R = 5,000.00' PC = 1348+08.43 PT = 1349+74.90 V = 60 mph E = 3.3%

Route 3 (WBL) PI= 1352+67.15 DELTA = 1° 47' 57.38" (RT) D = 1° 08' 45" T = 78.51' L = 157.02' R = 5,000.00' PC = 1351+88.64 PT = 1353+45.66 V = 60 mph E = 3.3%

Route 3 (EBL) PI = 345+53.82 DELTA = 0° 12' 00.49" (LT) D = 0° 14' 59" T = 40.06' L = 80.12' R = 22,916.00' PC = 345+13.77 PT = 345+93.88 DV = 60 mph E = NC

Mature Hardwoods Medium Undergrowth

Existing Right of Way VDOT Project #0003-023-104, RW-201, C-504

Prop. Permanent Drainage Easement

Prop 8' Paved Shoulder

Prop 13' Paved Shoulder

200' STORAGE

200' TAPER

RTE 3 WBL CONSTR BL

RTE 3 EBL CONSTR BL

Wire Fence

Cultivated Field

Strd FE-WI Fence Req'd

WW w/1 Strand BW

14" STD. PE-1 TYPE 1185+/- X 24"

Highway Wire Fence

Chord

Vepco *F102

Vepco *F96

Vepco *F98

Vepco *F103

VP *F104

VP No.*

PROP. R/W

Bag *65

Bag *76

End *50

End *85

PC 10+29.14

PT 11+42.50

PT 1349+74.90

PC 1348+08.43

PT 1353+45.66

PC 1351+88.64

R=23009.00' L=80.39'

R=5000.00' L=166.04'

(N 49°30'W 12.42' Radial)

(N 40°30'E 10.20' Radial)

(N 40°30'E 10.20' Chord)

(N 49°30'W 12.42' Chord)

Mature Hardwoods Medium Undergrowth

Mature Hardwoods Medium Undergrowth

Mature Hardwoods Medium Undergrowth

Mature Hardwoods Medium Undergrowth

Prop. Permanent Drainage Easement

Existing Right of Way VDOT Project #0003-023-104, RW-201, C-504

Prop 8' Paved Shoulder

Prop 13' Paved Shoulder

200' TAPER

200' STORAGE

RTE 3 WBL CONSTR BL

RTE 3 EBL CONSTR BL

Wire Fence

Cultivated Field

Strd FE-WI Fence Req'd

WW w/1 Strand BW

14" STD. PE-1 TYPE 1185+/- X 24"

Highway Wire Fence

Chord

Vepco *F102

Vepco *F96

Vepco *F98

Vepco *F103

VP *F104

VP No.*

PROP. R/W

Bag *65

Bag *76

End *50

End *85

PC 10+29.14

PT 11+42.50

PT 1349+74.90

PC 1348+08.43

PT 1353+45.66

PC 1351+88.64

R=23009.00' L=80.39'

R=5000.00' L=166.04'

(N 49°30'W 12.42' Radial)

(N 40°30'E 10.20' Radial)

(N 40°30'E 10.20' Chord)

(N 49°30'W 12.42' Chord)

Mature Hardwoods Medium Undergrowth

Mature Hardwoods Medium Undergrowth

Mature Hardwoods Medium Undergrowth

Mature Hardwoods Medium Undergrowth

LEGEND

1. Strd. Guardrail Terminal GR-11 Req'd
2. Strd. Guardrail GR-2 Req'd
3. Strd. Guardrail Terminal GR-7, MCHRP 350 Req'd
4. Strd. Guardrail GR-10 Type III Req'd
5. Strd. Guardrail Terminal GR-9 Req'd
6. Strd. Radial Guardrail GR-2 Req'd
7. Strd. MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
8. Strd. MS-2, Raised Grass Median Strip Req'd
9. Strd. MS-1A, Solid Concrete Raised Median Strip Req'd
10. Strd. Radial CG-7, Combination 4" Curb and Gutter
11. Strd. CG-7, Combination 4" Curb and Gutter
12. Strd. Radial CG-3, 4" Curb
13. Strd. Curb Ramp CG-12 Type A Req'd

Denotes Proposed Pavement

Denotes Mill and Overlay of Existing Pavement

Denotes Demolition of Pavement

Denotes Proposed Concrete Emergency Spillway

Denotes Graded V-Ditch

(XX-XX) Denotes Drainage Structure

C Denotes Construction Limits In Cuts

F Denotes Construction Limits In Fills

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

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

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

Rte. 3 EBL Profile	21A
Rte. 3 WBL Profile	21A
Rte. 750 Profile	21B
Entrance Profiles	23(5)
Drainage Descriptions	---
E & S Control Plan PH. I	21C
Basin Details	---

*305 Slab Bridge MC Abutments w/10'Conc.Wing Walls Parapet Handrail with attached Guardrail

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

SCALE	PROJECT	SHEET NO.
0 50' 100'	0003-023-107	21

1/15/2012
12:49:55 PM

d:\465702E.dgn
Plotted By: lacchuster

PROJECT MANAGER: Barry Jones (540) 829-7554
SURVEYED BY: VDOT (0000.000-0000) (District)
DESIGN SUPERVISED BY: Mark Burris, (804)515-8300
DESIGNED BY: David Bachhuber (757)306-9000

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	3	0003-023-107, PE-101, RW-201, C-501	22

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

AECOM Technical Services Glen Allen, Virginia HYDRAULICS ENGINEER	AECOM Technical Services Glen Allen, Virginia ROADWAY ENGINEER

056
T.M.54 PCL 31
BARBARA ANN GORDON
W.B. 65 Page 106
D.B. 127 Page 458 Plat
D.B. 610 Page 231
12.75 Ac.
Lot 3

T.M.54 PCL 36
BARBARA JEAN WASHINGTON, COLEMAN JOHNSON, & JOHN EDWARD JOHNSON
D.B. 452 Page 356
D.B. 57 Page 144 Plat
D.B. 610 Page 115
18.18 Acres (Assessed)
Part Lot 3 & Lots 6,7, & 8

T.M.54 PCL 34
ALBERT L. WHITE, Jr. & JOYCE A. WHITE
D.B. 649 Page 327
P.C.6 Page 3 Plat
D.B. 609 Page 653
Hwy. P.B.5 Page 249
D.B. 611 Page 73
Plat Cab. 5 Page 208
3.476± Acres
Lot 4

058
T.M.54 PCL 31A
BARBARA ANN GORDON
Instr. #050003157
14.3 Ac.
Lot 2

T.M.54 Pcl. 32
RAY M. BENNETT
D.B. 251 Page 289
Plat Binder 6 Page 80
D.B. 617 Page 751
Hwy. P.B.6 Page 39 & 40
3.940 Acres

End Proj. PE, RW-201, C-501
Sta. 360+97.27 Route 3 EBL Constr. BL

RTE. 3 WBL CONSTR. BL

RTE. 3 EBL CONSTR. BL

W.B.L. U.S. Route 3, Germanna Highway

E.B.L. U.S. Route 3, Germanna Highway

Existing Right of Way
VDOT Project #0003-023-V04, R204, C504

Match Line E.B.L. Sta. 353+50 See Sheet No. 21

PROP. R/W

Mowed Field

Yard

Virginia Power Easement

4" Wooden Wire

3 Board

Paved Shoulder

12 Lane

Prop 4' Paved Shoulder

Prop 13' Paved Shoulder

Prop 9' Paved Shoulder

Grass

Gravel

In Pl. 18" CMP

In Pl. 15" CMP

In Pl. 18" RCP w/ Endsections Inv. In 336.42 Inv. Out 336.08

In Pl. Storm MH Rim 331.29 Inv. In 30" RCP 324.07 (S) Inv. In 18" RCP 324.43 (E) Inv. In 30" RCP 323.98 (NW)

In Pl. 18" CMP Inv. In 328.95 Inv. Out 323.36

In Pl. 18" CMP Inv. Out 323.20

In Pl. Storm Riser Inv. In 325.56 Inv. Out 18" CMP 323.01 Unable to secure. Invert in an 30" RCP riser filled with large rock

In Pl. Conc. GI Inv. Out 30" RCP 347.81

In Pl. 15" CMP

In Pl. 18" CMP

In PCS Underdrain Inv. Out 339.22

C&P #233

C&P #234

RW-2 Found

22-1

22-2

22-4

22-5

LEGEND

1. Sfd Guardrail Terminal GR-11 Req'd
2. Sfd Guardrail GR-2 Req'd
3. Sfd Guardrail Terminal GR-7, NCHRP 350 Req'd
4. Sfd Guardrail GR-10 Type III Req'd
5. Sfd Guardrail Terminal GR-9 Req'd
6. Sfd Radial Guardrail GR-2 Req'd
7. Sfd MC-3B, Asphalt Curb and Asphalt Concrete Curb Backup Material Req'd
8. Sfd MS-2, Raised Grass Median Strip Req'd
9. Sfd MS-1A, Solid Concrete Raised Median Strip Req'd
10. Sfd Radial CG-7, Combination 4" Curb and Gutter
11. Sfd CG-7, Combination 4" Curb and Gutter
12. Sfd Radial CG-3, 4" Curb
13. Sfd Curb Ramp CG-12 Type A Req'd

Denotes Proposed Pavement
Denotes Mill and Overlay of Existing Pavement
Denotes Demolition of Pavement
Denotes Proposed Concrete Emergency Spillway
Denotes Graded V-Ditch
(XX-XX) Denotes Drainage Structure
C Denotes Construction Limits in Cuts
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REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

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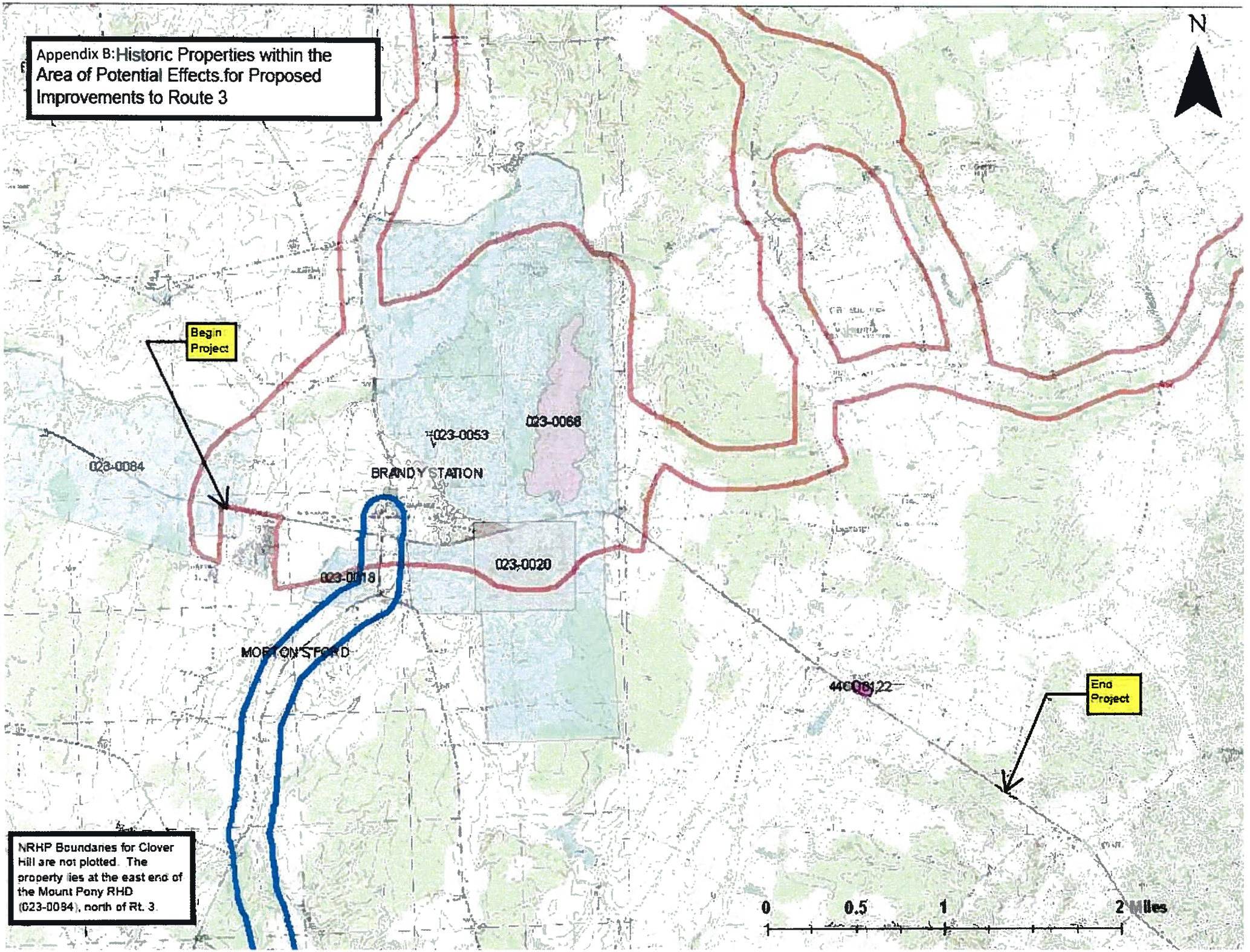
Rte. 3 WBL Profile	22A
Entrance Profiles	23(5)
Drainage Descriptions	---
E & S Control Plan PH. I	22B

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

SCALE	PROJECT	SHEET NO.
0 50' 100	0003-023-107	22


Appendix B: Historic Properties within the Area of Potential Effects for Proposed Improvements to Route 3
N
Begin Project
023-0084
023-0053
023-0066
BRANDY STATION
023-0020
023-0018
MORTON'S FORD
44CU0122
End Project
NRHP Boundaries for Clover Hill are not plotted. The property lies at the east end of the Mount Pony RHD (023-0094), north of Rt. 3.
0
0.5
1
2 Miles

MEMORANDUM OF AGREEMENT
BETWEEN THE VIRGINIA DEPARTMENT OF TRANSPORTATION AND THE VIRGINIA DEPARTMENT OF HISTORIC RESOURCES REGARDING IMPROVEMENTS TO ROUTE 3, CULPEPER COUNTY, VIRGINIA

WHEREAS, the Virginia Department of Transportation (VDOT) has determined that construction of the proposed widening of existing Route 3 (VDOT Project Nos. 0003-023-107, PE101, PE102, and PE103) will have an effect on, Salubria (23-20), an easement property, Brandy Station Historic District (23-53), Mount Pony Historic District, and on the contributing elements Croftburn Farm (23-5019), McClung House (23-5026), Clover Hill Tenant House (23-5028), Signal Hill (23-5023), Winfrey (23-36), and archaeological sites 44CU120 and 44CU122 in Culpeper County, Virginia, properties which are listed or eligible for listing in the National Register of Historic Places and has consulted with the Virginia Department of Historic Resources (VDHR) in accordance with the 1999 *Programmatic Agreement between the Virginia Departments of Transportation and Historic Resources Concerning Interagency Project Coordination*; and

WHEREAS, the VDOT and VDHR have jointly determined that Croftburn Farm (23-5019), a property listed on the National Register of Historic Places, is located within the Mount Pony Historic District and that no further treatment is necessary; and

WHEREAS, the final alignment for the Stevensburg section of the project (VDOT Project NO. 0003-023-107, P101, R201, C501) has not been determined at this time (see Attachment A); and

WHEREAS, VDOT has developed archaeological data recovery plans for 44CU120 and 44CU122 which have been approved by VDHR; and

NOW, THEREFORE, the VDOT and the VDHR agree that, when this memorandum is signed by both the VDOT and VHDR, and upon the VDOT's decision to proceed with the proposed improvements to Route 3, the VDOT shall ensure that the following stipulations are implemented in order to take into account the effects of the project on historic properties.

Stipulations

The VDOT shall ensure the following stipulations are implemented:

1. Salubria (23-20): None of the character-defining features of Salubria will be diminished by either Alternative 1 or Alternative 2 (see Attachment A). If Alternative 2 is selected, the VDOT will ensure that the highway marker "J-32 Salubria" will be temporarily removed during construction and replaced in a larger pull-off area within the right-of-way once construction is completed. The pull-off will be designed in consultation with the VHDR. VDOT will submit plans for the pull-off to the VDHR. If no comments on the plans are received from the VDHR within 30 calendar days of confirmed receipt, the VDOT can assume concurrence.

2. Mount Pony Historic District

A. Roadway footprint: The overall width of the roadway footprint will be designed to minimize the highway's effect on the Mount Pony Historic District. Within the boundaries of the historic district, the east- and westbound lanes of the improved facility will be separated by a median not exceeding forty feet in width.
B. McClung House (23-5026) and Clover Hill Tenant House (23-5028): Both structures will be demolished to implement the improvements to Route 3. The exteriors of each structure have been photographically documented and no further documentation or treatment actions are necessary for either property.

C. Signal Hill (23-5024): The original configuration of the property's driveway will remain unchanged.

3. Brandy Station Historic District (23-53): VDOT has not yet selected an alignment for the section of the proposed improvements to Route 3 in the Stevensburg area. The Commonwealth Transportation Board may select either of the two alignments currently being considered (see Attachment A). If Alternative 2 is chosen, the effects of the improved highway on Brandy Station Historic District will be minimal. If Alternative 1 is chosen, the roadway would be on new location and introduce an element out of keeping with the district's historic setting and the VDOT will consult with VDHR to minimize these effects.

4. Archaeological Sites 44CU122 and 44CU120: The VDHR has already approved the archaeological data recovery plans for 44CU122 (Brook Run Site) and 44CU120 (George Town Site). The VDOT will implement the plans prior to project construction, and will continue to consult with VDHR in regard to the research design for each site as data recovery progresses.

5. Identification, Evaluation, and Treatment of Archaeological Sites for Alternative 2:

A. Archaeological Identification and Evaluation: If Alternative 2 is selected, archaeological survey will be conducted by VDOT to identify significant archaeological sites which might be affected by this alternative. The archaeological identification efforts will be conducted in a manner consistent with the Secretary of the Interior's *Standards and Guidelines for Identification* (48FR4470-23), the VDHR's *Guidelines for Archaeological Investigations in Virginia* (1996), the VDHR's *Guidelines for Preparing Identification and Evaluation Reports for Submission Pursuant to Sections 106 and 110, National Historic Preservation Act, Environmental Impact Reports of State Agencies, Virginia Appropriation Act, 1992 Session Amendments* (1992), and the *Programmatic Agreement between the Virginia Departments of Transportation and Historic Resources Concerning Interagency Project Coordination* (1999). The VDOT shall submit to the VDHR documentation on the results of the identification efforts for review and comment. If no comments are received from the VDHR within 30 calendar days of confirmed receipt, the VDOT can assume concurrence with its findings.

The VDOT will conduct any further investigations necessary to evaluate the significance of any archaeological sites that might be affected by the project. These evaluations will be conducted in accordance with 36 CFR Part 800.4(c). The VDOT will ensure that the evaluation studies are consistent with the Secretary of the Interior's *Standards for Archaeological Documentation* (48FR4473), the Secretary of the Interior's *Standards for Archaeological Documentation* (48FR44734-44737), and the Virginia Department of Historic Resources' (VDHR) *Guidelines for Archaeological Investigations in Virginia* (1996). The VDOT shall prepare reports on the evaluation studies in a format consistent with the VDHR's *Guidelines for Preparing Identification and Evaluation Reports for Submission Pursuant to Sections 106 and 110, National Historic Preservation Act, Environmental Impact Reports of State Agencies, Virginia Appropriation Act, 1992 Session Amendments* (1992). The VDOT shall submit the evaluation reports to the VDHR for review and comment. If no comments are received from the VDHR within 30 calendar days of confirmed receipt, the VDOT can assume concurrence with its determinations of the sites' eligibility for the National Register of Historic Places.

B. Determination of Effect: If archaeological sites meeting the criteria for listing on the National Register of Historic Places are identified, VDOT will assess the effect of the undertaking on the sites in a manner consistent with 36 CFR 800.5, and submit its findings to the VDHR for review. If no comments are received form the VDHR with 30 calendar days of receipt, the VDOT can assume concurrence with its findings.

C. Treatment of Archaeological Sites: If it is determined that sites eligible for the National Register of Historic Places will be affected by the project, the VDOT, in consultation with the VDHR, shall develop treatment plans for the sites consistent with the Secretary of the Interior's *Standards for the Treatment of Historic Properties*, the Secretary of the Interior's *Standards and Guidelines for Archeology and Historic Preservation*, and the Advisory Council on Historic Preservation's *Treatment of Archeological Properties: A Handbook.*

The treatment plans will specify, at minimum:

(1) the property or portions of the property where data recovery or controlled site burial are to be carried out;
(2) the results of previous research relevant to the project;
(3) research problems or questions to be addressed with an explanation of their relevance and importance;
(4) the field and laboratory analysis methods to be used with a justification of their cost-effectiveness and how they apply to this particular property and these research needs;
(5) the methods to be used in artifact, data, and other records management;
(6) explicit provisions for dissemination the research findings to professional peers in a timely manner;
(7) arrangements for presenting what has been found and learned to the public, focusing particularly on the community or communities that may have interests in the results;
(8) the curtain of recovered materials and records resulting from the data recovery in accordance with 36 CFR part 79 (except in the case of unexpected discoveries that may need to be considered for repatriation pursuant to NAGPRA); and
(9) procedures for evaluating and treating discoveries of unexpected remains or newly identified historic properties during the course of the project, including necessary consultation with other parties.

The VDOT will submit the treatment plans to the VDHR for review and comment. If no comments are received from the VDHR within 30 calendar days of receipt, the VDOT can assume concurrence. The VDOT will ensure that the treatment plans are implemented before ground-disturbing activities associated with the undertaking are initiated at the sites.

6. Dispute Resolution

Should the VDHR object to any landscape, design, or archaeological data recovery plans submitted by VDOT for review, the VDHR shall provide its comments in writing to the VDOT within 30 days of confirmed receipt of the VDOT plans. The VDOT will consult with the VDHR to resolve the dispute. The VDOT and the VDHR will report disputes that cannot be resolved at the staff level to each agency's director (VDOT's Commissioner and VDHR's Director) for final resolution.

7. Late Discoveries of Archaeological Properties

If a previously unknown archaeological site is encountered during project construction, the VDOT shall notify the VDHR immediately. The VDOT shall not be required to stop work on the undertaking; however, the VDOT will ensure that work will cease in the area of the discovery and in any immediate adjacent areas where associated resources are likely to be encountered. The VDOT and the VDHR will then consult on the potential significance of the resource and appropriate treatment measures. The VDOT will participate in such consultation in an expedited manner consistent with VDOT's project construction schedule. Once all agreed upon treatment measures have been implemented, project construction may proceed in the area of the discovery.

Route 3
Culpeper County, VA
Memorandum of Agreement

Execution of this Memorandum of Agreement and implementation of its terms evidence that the VDOT has afforded the VDHR an opportunity to comment on the proposed improvements to Route 3 and its effects on historic properties, and that the VDOT has taken into account the effect of the undertaking on historic properties.

VIRGINIA DEPARTMENT OF TRANSPORTATION

By: Donald R. Askew Date: 6-8-01
Donald R. Askew, Culpeper District Administrator

VIRGINIA DEPARTMENT OF HISTORIC RESOURCES

By: Date: 6/20/01
Kathleen S. Kilpatrick, Director

Attachment A

As of this writing, there are two design considerations for the location of Route 3 in the Stevensburg vicinity.

Alternative 1 begins approximately 1.1 km (0.7 miles) west of Stevensburg. Four lanes would be constructed to the north of Stevensburg on new location. This alignment would tie back into the existing Route 3 1.9 km (1.2 miles) east of Stevensburg. A Phase I cultural resources survey has been conducted in this study corridor. No historic properties were identified; however, the corridor lies within the boundaries of the eligible Brandy Station Historic District.

Alternative 2 begins approximately 1.1 km (0.7 mile) west of Stevensburg. This alternative follows the existing alignment and is offset 2.4m-3.6m (8'-12') to the northern edge of the existing pavement. The alignment ties back into the approved Route 3 design approximately 1.9 km (1.2 mile) east of Stevensburg. The existing alignment has been subjected to a Phase I historic architecture survey. At Salubria, the road will be widened to the north; however, both sides of the current roadway are within Salubria's National Register boundaries. The project will not alter or diminish the qualities that make Salubria significant. Alternative 2 already traverses Brandy Station Historic District. The majority of the cavalry activity associated with the Battle of Brandy Station occurred east of the project area. The project will not alter or diminish the characteristics of the Brandy Station Historic District that qualify it for listing on the National Register of Historic Places. With the exception of Salubria and Brandy Station Historic District, no historic architectural properties would be affected by Alternative 2. An archaeological survey will be required for this alternative. Should significant archaeological properties be identified, appropriate treatment will be developed in consultation with the VDHR.