

**MEMORANDUM OF AGREEMENT
AMONG THE VIRGINIA HISTORIC PRESERVATION
OFFICE, THE FEDERAL RAILROAD ADMINISTRATION,
AND THE VIRGINIA DEPARTMENT OF RAIL AND
PUBLIC TRANSPORTATION REGARDING THE
SOUTHEAST HIGH SPEED RAIL PROJECT, RICHMOND,
VIRGINIA TO THE NORTH CAROLINA STATE LINE**

WHEREAS, the Federal Railroad Administration (FRA) and the Federal Highway Administration, in cooperation with North Carolina Department of Transportation and Virginia Department of Rail and Public Transportation (DRPT), completed a Tier I Final Environmental Impact Statement and Record of Decision in accordance with the National Environmental Policy Act (NEPA) (42 U.S.C. § 4321 *et seq.*) in July and October 2002, respectively, for the proposed Southeast High Speed Rail corridor from Washington, D.C. to Charlotte (SEHSR Project), which determined the preferred corridor for detailed analysis in Tier II environmental studies for individual portions of the larger corridor; and

WHEREAS, the DRPT proposes to construct a 91.8 mile portion of the SEHSR Project that involves construction of infrastructure improvements to support high-speed passenger rail service in the travel corridor between Richmond and the North Carolina state line, such as upgrading existing facilities, construction of new rail and rail facilities, rerouting road corridors, creating overpasses and underpasses at existing crossings, and closing some crossings, within a long-established surface transportation corridor crossing multiple states (the Project); and

WHEREAS, the FRA is the Project's lead federal agency for Tier II environmental study under the NEPA and pursuant to the NEPA, FRA prepared and published a Draft Environmental Impact Statement (DEIS) on May 4, 2010, and a Final Environmental Impact Statement (FEIS) on September 2, 2015 for the Project; and

WHEREAS, this Memorandum of Agreement (MOA) among the Virginia Historic Preservation Office (SHPO), the FRA, and the DRPT regarding the Project addresses stipulations relating to the effect of the Project on historic properties; and

WHEREAS, a Programmatic Agreement among FRA, the Virginia SHPO, North Carolina State Historic Preservation Office, the Virginia DRPT, the North Carolina Department of Transportation, Rail Division, and the Advisory Council on Historic Preservation (ACHP) was signed on April 12, 2016 for the SEHSR Project (the SEHSR PA); and

WHEREAS, this MOA was developed in accordance with Stipulation VIII of the SEHSR PA; and

WHEREAS, the FRA anticipates receiving a future request from DRPT to provide federal financial assistance to construct the Project, including activities such as design, property acquisition, and demolition, though funding sources have not yet been determined, and it is expected that there will be a mix of federal, state and local funding which may be available in phases; and

WHEREAS, if FRA provides federal financial assistance to construct the Project, the Project would constitute an undertaking under Section 106 of the National Historic Preservation Act (NHPA) as amended (54 U.S.C. § 306108) (Section 106); and

WHEREAS, pursuant to the NHPA, the FRA is required to take into account the effects of its undertakings on properties included in or eligible for inclusion in the National Register of Historic Places (NRHP), including consultation with other parties, and to provide the ACHP a reasonable opportunity to comment prior to commencement of work on the Project; and

WHEREAS, the FRA is the lead federal agency for compliance with Section 106; and

WHEREAS, pursuant to 36 C.F.R. § 800.2(c)(4), the FRA has requested the DRPT participate in consultation and, by letter dated February 28, 2007, has authorized the DRPT to initiate consultation with the SHPO and other consulting parties for the Project; and

WHEREAS, pursuant to 36 C.F.R. § 800.2(c)(2), on July 20, 2009 the FRA invited the Catawba Indian Nation and the Pamunkey Tribe to participate in consultation, and on December 1, 2015, the Catawba Indian Nation accepted the FRA's invitation, but the Pamunkey did not respond to the invitation; and

WHEREAS, pursuant to 36 C.F.R. § 800.2(c)(5), by correspondence dated July 27, 2009, the FRA, pursuant to 36 CFR § 800.6(c)(3), invited the following groups to be consulting parties to the Project and the development of the MOA, and they have elected to participate: American Battlefield Protection Program, Battersea, Inc., Brunswick County Historical Society, Chesterfield Historical Society, Civil War Preservation Trust, Historic Richmond Foundation, National Park Service (NPS)–Petersburg Division, NPS–Richmond Division, and the Virginia Council on Indians (VCI); and

WHEREAS, the VCI was disbanded by the Virginia General Assembly in July 2012, and, pursuant to 36 C.F.R. § 800.2(c)(5), by letter dated October 3, 2014 the FRA and DRPT identified the Mattaponi Tribe as a consulting party and invited the Mattaponi Tribe to participate, and the Mattaponi Tribe did not reply to the invitation; and

WHEREAS, pursuant to 36 C.F.R. § 800.2(c)(5), the FRA invited the following groups to be consulting parties to the Project and each group either elected to not participate or did not reply to the invitation: ACL & SAL Railroad Historical Society, Alliance to Conserve Old Richmond Neighborhoods, Central Virginia Battlefields Trust, Dinwiddie County Historical Society, Historic Petersburg Foundation, Mecklenburg Historical Society, and the Southside Virginia Genealogical Society; and

WHEREAS, the American Battlefield Protection Program, Battersea, Inc., Brunswick County Historical Society, Chesterfield Historical Society, Civil War Preservation Trust, Historic Richmond Foundation, National Park Service (NPS)–Petersburg Division, are NPS–Richmond Division are the Consulting Parties for the Project; and

WHEREAS, the DEIS, FEIS, 49 U.S.C. § 303 evaluations, and supporting SHPO-reviewed technical reports, provide background information to this MOA (see Appendix A for a full list); and

WHEREAS, pursuant to 36 C.F.R. § 800.4(a)(1) and as defined in 36 C.F.R. § 800.16(d), the FRA in consultation with the SHPO determined that the archaeological Area of Potential Effects (APE) for this Project is the entire area of ground disturbing activities and staging areas for road and rail modifications, to include construction, along the 91.8-mile corridor (see Appendix B for map); and

WHEREAS, pursuant to 36 C.F.R. § 800.4(a)(1) and as defined in 36 C.F.R. § 800.16(d), the FRA, in consultation with the SHPO, determined the APE for above-ground resources is the entire area of ground disturbing activities and staging areas plus any areas within the viewshed of the corridor where indirect affects to a resource's setting and feeling could occur; and

WHEREAS, pursuant to 36 C.F.R. § 800.4(b), DRPT conducted identification and evaluation-level architectural and archaeological investigations of the entire APE between 2001 and 2012, and the results of the cultural resource investigations have been coordinated with the SHPO and other Consulting Parties; and

WHEREAS, a total of seventy-four (74) historic properties listed in or eligible for the NRHP have been identified within the Project APE, and FRA determined, in consultation with the SHPO and other Consulting Parties, that the Project will have an adverse effect on nineteen (19) of these historic properties (listed north to south; see Table 1 for additional details): Seaboard Line Railroad Corridor (Department of Historic Resources [DHR] Inventory No. 127-6271), Atlantic Coast Line Railroad Corridor (DHR Inventory No. 127-6251), Williams Bridge Company (DHR Inventory No. 127-6245/44CF0724), Richmond & Petersburg Electric Railway (DHR Inventory No. 020-5351), Centralia Post Office (DHR Inventory No. 020-0552), Circle Oaks/4510 Centralia Road (DHR Inventory No. 020-0140), Chester Historic District (DHR Inventory No. 020-5443), Eichelberger House (DHR Inventory No. 020-5443-0010/020-5093), Site 44CF0304 (Chester Hotel Site), Site 44CF0748 (Swanee Site), Site 44CF0707, Site 44CF0708 (Arrowfield Plantation), Site 44CF0710, Defense Road (DHR Inventory No. 123-5455), Bridge over Defense Road (DHR Inventory No. 123-5013), Dimmock Line/Earthworks (44DW0373), Tourist House (DHR Inventory No. 012-5052), Site 44BR0225 (Davis Site), and La Crosse Historic District (DHR Inventory No. 250-5001); and

WHEREAS, pursuant to 36 C.F.R. § 800.6(c)(2)(iii), the FRA has asked the DRPT to be a signatory to this MOA; and

WHEREAS, pursuant to 36 C.F.R. § 800.6(a)(1) the FRA has invited ACHP to participate in consultation and informed them of the finding of adverse effect on June 22, 2010, and by email sent January 21, 2016, the ACHP declined to participate in the MOA process; and

WHEREAS, by letter dated October 3, 2014, data related to Project effect was sent to the Consulting Parties for review and comment; and

WHEREAS, the mitigation strategies included in this MOA formulated by the FRA, the DRPT, and the SHPO, were disseminated to the Consulting Parties through numerous emails, five in-person meetings held in Richmond and in Fredericksburg, on April 15, 2009, August 7, 2009, November 20, 2009, October 4, 2013, and June 14, 2016, and through dissemination of hard copies of the draft MOA on May 17 and May 20, 2016; and

WHEREAS, pursuant to 36 C.F.R. § 800.2(d) the FRA invited public input on the Project through historic-property based public information meetings held on February 26, 2009, and May 12, 2009, at the NPS-Petersburg Division; April 8, 2009, at the Chesterfield County Historical

Society; May 12, 2009, at the Chesterfield County Library; August 7, 2009, at the NPS–Richmond Division, as part of the DEIS public involvement process through public hearings on July 15, 2010 in Alberta, VA, on July 20, 2010 in Richmond, VA, on July 21, 2010 in Petersburg, VA, and on July 22, 2010 in McKenney, VA, at post-DEIS public project meetings on July 14, 2011 in Alberta, VA and on February 26, 2013 in Chesterfield County, VA, and through numerous in-person meetings and emails with individual property owners and other interested parties; and

WHEREAS, the FRA and DRPT have shared with the public information about the overall Project, including its effects on historic properties, multiple times via the NEPA process as outlined in the FEIS; and

NOW, THEREFORE, in anticipation of the funding for and the development of the Project, in consideration of the mutual promises contained herein and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and in order to comply with the NHPA and related regulations, the FRA, the DRPT, and the SHPO (Signatories) agree that the Project shall be implemented in accordance with the following stipulations in order to take into account the effects of the Project on historic properties.

STIPULATIONS

The FRA, in coordination with the DRPT, shall ensure that the following stipulations are carried out:

I. APPLICABILITY

- A. This MOA is binding on FRA only if FRA provides financial assistance for the construction of the Project.
- B. Notwithstanding Stipulation I.A., this MOA applies to all of DRPT’s activities necessary to advance the Project toward and/or through construction, including, but not limited to, further design, acquisition of property for the Project, demolition of acquired properties, and construction that are funded with any amount of financial assistance from FRA or non-federal funds.
- C. Nothing herein will be interpreted as agreement by DRPT that Section 106 applies to other projects with independent utility that use exclusively non-federal funds.

II. MITIGATION MEASURES FOR ADVERSELY AFFECTED HISTORIC PROPERTIES

- A. Seaboard Air Line Railroad (DHR Inventory No. 127-6271)
 - 1. Within one (1) year of the receipt of funding for Project construction that will impact DHR Inventory No. 127-6271, the DRPT shall produce, or cause to be produced, measured drawings of the Route 1 southbound rail bridge in Alberta (DHR Inventory No. 161-5002/127-6271-0010) prior to any alterations. The drawings shall conform to the guidelines specified by the NPS as set forth in Historic American Buildings

Survey/Historic American Engineering Record (HABS/HAER) Guidelines (<http://www.cr.nps.gov/hdp/standards/haerguidelines.htm>).

2. Concurrent with the measured drawings, DRPT shall engage a professional photographer with experience in preparing large-format, black-and-white, archival-quality photographic documentation for HAER and HAER-type documentation projects to complete large-format photographs of the Route 1 southbound rail bridge in Alberta. Photographs shall comply with HABS/HAER Photographs Specifications and Guidelines (<http://www.cr.nps.gov/hdp/standards/HABS/photospecs.pdf>) and DHR's "Photographic Documentation for Virginia Department of Historic Resources Survey (Updated July 2009). Negatives and print sizes shall be 4" x 5". Negatives and prints shall be processed, labeled, and packaged according to HABS/HAER archival standards. A list of photo captions (index to photos) and a site plan of the building showing the location and direction of the photographs (key to photos) shall be included.

Photographic views shall show the bridge and associated roadway, as well as the surrounding landscape. Overview and detail photos of the bridge shall be provided, documenting as much as possible of the engineering and construction methods for the property including exterior elevations and detailed views of significant architectural or historical features.

3. Upon completion of the measured drawings and large-format photography, DRPT shall prepare or cause to be prepared a first draft HAER Outline Format report documenting the bridge. The report shall include any archival research collated on the history of the bridge as it relates to the Seaboard Air Line Railroad, a physical description of the bridge, copies of the measured drawings and large-format photographs, and any additional data gathered during this process. The draft shall be submitted concurrently to the FRA, SHPO, and Consulting Parties for review and comment, as appropriate. The DRPT shall submit final documents to FRA, the SHPO, the Library of Virginia, the Virginia Historical Society, and the Brunswick County Library in Lawrenceville for their collections, and to other Consulting Parties upon request.
- B. Atlantic Coast Line Railroad (DHR Inventory No.127-6251) and Richmond and Petersburg Electric Railway (DHR Inventory No. 020-5351)
1. Within one (1) year of the receipt of funding for Project construction that will impact DHR Inventory No. 127-6251 or DHR Inventory No. 020-5351, as described under Stipulation IV(C), the DRPT shall produce, or cause to be produced, measured drawings of the Highway 10 Utility Bridge Abutments (DHR Inventory No.: 020-5577/127-5351-0001), a contributing element to the Atlantic Coast Line Railroad and the Richmond and Petersburg Electric Railway, prior to any alterations. The drawings shall conform to the guidelines specified by the NPS as set forth in HABS/HAER Guidelines (<http://www.cr.nps.gov/hdp/standards/haerguidelines.htm>).
 2. Concurrent with the measured drawings, DRPT shall engage a professional photographer with experience in preparing large-format, black-and-white, archival-quality photographic documentation for HAER and HAER-type documentation projects to complete large-format photographs of the Highway 10 Utility Bridge Abutments. Photographs shall comply with HABS/HAER Photographs

Specifications and Guidelines (<http://www.cr.nps.gov/hdp/standards/HABS/photospecs.pdf>) and DHR's "Photographic Documentation for Virginia Department of Historic Resources Survey (Updated July 2009). Negatives and print sizes shall be 4" x 5". Negatives and prints shall be processed, labeled, and packaged according to HABS/HAER archival standards. A list of photo captions (Index to Photos) and a site plan of the building showing the location and direction of the photographs (Key to Photos) shall be included.

Photographic views shall show the bridge and associated roadway, as well as the surrounding landscape. Overview and detail photos of the bridge shall be provided, documenting as much as possible of the engineering and construction methods for the property including exterior elevations and detailed views of significant architectural or historical features.

3. Upon completion of the measured drawings and large-format photography, DRPT shall prepare, or cause to be prepared, a first draft HAER Outline Format report documenting the abutments. The report shall include any archival research collated on the history of the abutments as they relate to the railroad and electric rail, an architectural description of the abutments, copies of the measured drawings and large-format photographs, and any additional data gathered during this process. The draft shall be submitted concurrently to the FRA, SHPO, and Consulting Parties for review and comment, as appropriate. The DRPT shall submit final documents to the FRA, SHPO, the Library of Virginia, the Virginia Historical Society, and the Chesterfield County Public Library for their collections, and to other Consulting Parties upon request.

C. Williams Bridge Company (DHR Inventory No. 127-6245)

1. Within one (1) year of the receipt of funding for Project construction that will impact DHR Inventory No. 127-6245, as described under Stipulation V(C), the DRPT shall complete, or cause to be completed, an oral history of past and present Williams Bridge Company employees who have extended tenures with the facility, if such individuals are available. Interviews shall be taped, and transcriptions of the interviews shall be submitted to the FRA, SHPO, the Library of Virginia, the Virginia Historical Society and the Richmond History Center for their collections, and other Consulting Parties upon request.
2. Within two (2) years of the receipt of funding for Project construction that will impact DHR Inventory No. 127-6245, as described under Stipulation V(C), the DRPT shall complete, or cause to be completed, a NRHP nomination form for the Williams Bridge Company. The DRPT shall submit the draft nomination form concurrently to the FRA, SHPO, property owner, and Consulting Parties for review and comment, as appropriate. The DRPT shall submit the final draft of the NRHP nomination to the FRA and SHPO for listing to the NRHP as prescribed by the agency's established procedures for the Register program. The DRPT shall have no other obligations with respect to any actions that may be taken by the property owner, the SHPO, or any other entity relating to the nomination of the property to the NRHP. The DHR State Review Board is under no obligation to approve the nomination for listing to the NRHP.

3. Upon completion of the final draft NRHP nomination, the DRPT shall fund and produce, or cause to be produced, a small booklet for public distribution discussing the unique nature of the Williams Bridge Company and the information recovered through archival research, architectural investigation, archaeological testing, and oral histories. The pamphlet/booklet shall be between sixteen (16) and twenty-four (24) pages in length, depending upon the final concept. A total of one hundred (100) hard copies and an electronic format version shall be produced. The DRPT or its designee shall consult with the FRA, SHPO, property owner, and Consulting Parties, as appropriate, on the design and content of the pamphlet/booklet prior to layout. Copies of both the hard copy and electronic version of the final booklet shall be distributed to the FRA, SHPO, the Library of Virginia, the Richmond History Center, the Virginia Historical Society, and the Richmond Public Library for their collections, and to other Consulting Parties upon request. The DRPT shall also identify online platforms to host the electronic version of the booklet on the web for public viewing; however, compliance with this stipulation is not predicated on web-based publication should no suitable sites be identified during this task.
4. Concurrent with the booklet preparation, the DRPT shall fund the fabrication and installation of a Virginia state historical highway marker in accordance with Va. Code Ann. §§ 10.1-2202, 10.1-2204, and 10.1-2209, which govern the State Historical Highway Markers program within the vicinity of the Williams Bridge Company to disseminate information about this historic property to the general public. The historical marker shall summarize the historical significance of the Williams Bridge Company. In consultation with the FRA, SHPO, the property owner, and Consulting Parties, as appropriate, the DRPT shall prepare, or cause to be prepared, draft text for the state historical highway marker. The DRPT shall submit the draft text for the state historical highway marker to the SHPO historical highway marker program for review and approval, and other Consulting Parties for review and comment. The SHPO shall then perform its respective role, as prescribed by the agency's established procedures for the Virginia state historical highway marker program.

The Virginia Board of Historic Resources is under no obligation, and nothing in this MOA should be construed to require the Virginia Board of Historic Resources, to approve the state historical highway marker. If the Virginia Board of Historic Resources approves the state historical marker, the DRPT shall request that the Virginia Department of Transportation (VDOT) install the state historical highway marker within six (6) months after its approval. If the Virginia Board of Historic Resources does not approve the state historical highway marker, the DRPT shall consult with the SHPO, property owner, and other Consulting Parties to determine an appropriate method to interpret the Williams Bridge Company to the public.

5. The DRPT shall avoid the Williams Bridge archaeological site (DHR site No. 44CR0724) where possible. For the portions of the Williams Bridge archaeological site that cannot be avoided, the DRPT shall conduct Phase III archaeological data recovery in areas with the potential for intact subsurface remains prior to ground disturbing activities and within two (2) years of receipt of Project construction funding as described under Stipulation V(C). The archaeological work shall include the following components:

- a. DRPT shall develop a draft data recovery plan for the investigations submit the plan concurrently to the FRA, SHPO, property owner, and Consulting Parties for review and comment, as appropriate. The plan shall be consistent with the Secretary of the Interior's *Standards and Guidelines for Archaeological Documentation* (48 Fed. Reg. 44734-37, September 29, 1983) and take into account the ACHP's publication, *Treatment of Archaeological Properties* (1980). The plan shall include:
 - 1) The property, properties, or portions of properties where site-specific data recovery plans shall be carried out;
 - 2) Any property, properties, or portions of properties that will be destroyed or altered without data recovery;
 - 3) The research questions to be addressed through data recovery, with an explanation of their relevance and importance;
 - 4) The methods to be used with an explanation of their relevance to the research questions;
 - 5) The methods to be used in analysis, data management, and dissemination of data, including a schedule;
 - 6) The proposed disposition of recovered materials and records;
 - 7) Proposed methods of disseminating the results of the work to interested individuals and/or organizations who have expressed an interest in the data recovery; and
 - 8) A schedule for the submission of progress reports to the SHPO.
- b. Upon revision of the plan and acceptance of a data recovery plan by the FRA and SHPO, the DRPT shall complete or cause to be completed all archaeological excavation described in the recovery plan. The report will meet all state standards for data recovery reports and include required components. DRTP shall submit draft copies of the ensuing report concurrently to the FRA, SHPO, property owner, and Consulting Parties for review and comment. Final copies of the report shall be disseminated to the FRA, SHPO, property owner, Historic Richmond Foundation, Virginia Historical Society, and Library of Virginia for their collections, and to other Consulting Parties upon request.

D. Centralia Post Office (DHR Inventory No. 020-0552)

1. Draft designs for the new Centralia Road Bridge over the SEHSR rail corridor shall be compatible with the architectural and historic character of nearby historic properties within the Centralia crossroads including the Centralia Post Office, Circle Oaks, and other surrounding buildings. The DRPT shall submit draft design plans for the new bridge at the schematic, 30%, 65%, and 90% stages concurrently to the FRA, SHPO, property owner, and Consulting Parties for review and comment. The design packet shall include a set of bridge plans and elevations, as well as a schematic

showing the proposed bridge design from the Centralia Post Office to show proposed visual modifications.

2. Within two (2) years of receipt of funding for Project construction that will impact DHR Inventory No. 020-0552, as described under Stipulation V(C), the DRPT shall complete, or cause to be completed, a NRHP nomination form for the Centralia Post Office. The DRPT shall submit the draft nomination form concurrently to the FRA, SHPO, property owner, and Consulting Parties for review and comment, as appropriate. The DRPT shall submit the final draft of the NRHP nomination to the SHPO for listing to the NRHP as prescribed by the agency's established procedures for the Register program. The DRPT shall have no other obligations with respect to any actions that may be taken by the property owner, the SHPO, or any other entity relating to the nomination of the property to the NRHP. The DHR State Review Board is under no obligation to approve the nomination for listing to the NRHP.
3. Concurrent with the NRHP nomination, the DRPT shall fund the fabrication and installation of an interpretive sign near the Centralia Post Office as part of the Chesterfield Historical Society of Virginia's signage initiative program to disseminate information about the history of Centralia to the general public. In consultation with the FRA, SHPO, the Chesterfield Historical Society of Virginia, and other Consulting Parties, the DRPT shall prepare, or cause to be prepared, draft text and layout for the signage. The draft text and layout shall be submitted to the FRA, SHPO, the Chesterfield Historical Society of Virginia, and other Consulting Parties for review and comment. If the signage text and layout are acceptable to the FRA, SHPO, Chesterfield Historical Society, and other Consulting Parties, the DRPT shall produce the signage panel and install the panel in a location deemed suitable by the FRA, SHPO, Chesterfield Historical Society, other Consulting Parties, and the property owner. The Chesterfield Historical Society of Virginia is under no obligation to approve the signage. If the Chesterfield Historical Society of Virginia marker committee does not approve the signage to be a part of their marker and signage program, the DRPT shall consult with the FRA, SHPO and other Consulting Parties to determine an appropriate method to interpret the historic property to the public.

E. Circle Oaks (DHR Inventory No. 020-0140)

1. Draft designs for the new Centralia Road Bridge over the SEHSR rail corridor shall be compatible with the architectural and historic character of nearby historic properties within the Centralia crossroads including the Centralia Post Office, Circle Oaks, and other surrounding buildings. The DRPT shall submit draft design plans for the new bridge at the schematic, 30%, 65%, and 90% stages concurrently to the FRA, SHPO, property owner, and Consulting Parties for review and comment. The design packet shall include a set of bridge plans and elevations, as well as a schematic showing the proposed bridge design from Circle Oaks to show proposed visual modifications.
2. Within two (2) years of receipt of funding for Project construction that will impact DHR Inventory No. 020-0140, as described under Stipulation V(C), the DRPT shall complete, or cause to be completed, a NRHP nomination form for Circle Oaks. The DRPT shall submit the draft nomination form concurrently to the FRA, SHPO, property owner, and Consulting Parties for review and comment, as appropriate. The

DRPT shall submit the final draft of the NRHP nomination to the SHPO for listing to the NRHP pursuant to its existing regulations and procedures. The DRPT shall have no other obligations with respect to any actions that may be taken by the property owner, the SHPO, or any other entity relating to the nomination of the property to the NRHP. The DHR State Review Board is under no obligation to approve the nomination for listing to the NRHP.

F. Chester Historic District (DHR Inventory No. 020-5443)

1. Within three (3) years of the receipt of funding for Project construction that will impact DHR Inventory No. 020-5443, as described under Stipulation V(C), the DRPT shall complete, or cause to be completed, a NRHP nomination form for the Chester Historic District. The DRPT shall submit the draft nomination form concurrently to the FRA, SHPO, and Consulting Parties for review and comment. The DRPT shall submit the final draft NRHP nomination to the SHPO for listing to the NRHP pursuant to its existing regulations and procedures. The DRPT shall have no other obligations with respect to any actions that may be taken by the property owners within the district or the locality, the SHPO, or any other entity relating to the nomination of the district to the NRHP. The DHR State Review Board is under no obligation to approve the nomination for listing to the NRHP.
2. Concurrent with the NRHP nomination, the DRPT shall fund the fabrication and installation of a Virginia state historical highway marker, in accordance with Va. Code Ann. §§ 10.1-2202, 10.1-2204, and 10.1-2209, which govern the State Historical Highway Markers program, to be located within the Chester Historic District to disseminate information about the history of Chester to the general public. The historical highway marker shall summarize the historical significance of the Town of Chester and the related railroad history in this area. In consultation with the FRA, SHPO, the Chesterfield Historical Society of Virginia, and other Consulting Parties, the DRPT shall prepare, or cause to be prepared, draft text for the state historical highway marker. The DRPT shall submit the draft text for the state historical highway marker to the SHPO historical highway marker program for review and approval, and the Chesterfield Historical Society of Virginia and other Consulting Parties for review and comment. The SHPO shall then perform its respective role, as prescribed by the agency's established procedures for the Virginia state historical highway marker program.

The Virginia Board of Historic Resources is under no obligation, and nothing in this MOA should be construed to require the Virginia Board of Historic Resources, to approve the state historical highway marker. If the Virginia Board of Historic Resources approves the state historical highway marker, the DRPT shall request that VDOT install the state historical highway marker within six (6) months after its approval. The VDOT is under no obligation to accept this request. If the Virginia Board of Historic Resources does not approve the state historical highway marker, the DRPT shall consult with the FRA, SHPO, the Chesterfield Historical Society of Virginia, and the other Consulting Parties to determine an appropriate method to interpret the Chester Historic District to the public.

3. Within three (3) years of receipt of funding for Project construction that will impact DHR Inventory No. 020-5443, as described under Stipulation V(C), the DRPT shall provide, or cause to be provided, a lecture for the general public on the history of

Chester, preferably to be presented in the Chester area of Chesterfield County. This lecture shall be advertised in the Chester area and the surrounding region.

4. Using the information gathered during the archival research and previous investigations in the Chester area, the DRPT shall produce, or cause to be produced, a scholarly article discussing the importance of Chester and the railroad in this area within four (4) years of the receipt of Project construction funding as described under Stipulation V(C). The FRA, DRPT, the SHPO, the Chesterfield Historical Society of Virginia, and the other Consulting Parties shall discuss the location for submittal for publication, and the final publication submittal location shall be determined based on consensus of involved parties. The DRPT shall submit the article to the agreed upon location and shall have no other obligations with respect to any actions that may be taken by the publisher once the article is submitted and accepted or declined, except that DRPT shall undertake any revisions or provide other assistance requested by the publisher if the article is accepted for publication.

G. Eichelberger House (DHR Inventory No. 020-5443-0010)

1. Prior to beginning ground disturbing activities and within one (1) year of the receipt of funding for Project construction that will impact DHR Inventory No. 020-5443-1101, as described under Stipulation V(C), the DRPT shall sponsor a landscape study of the Eichelberger House parcel. The study shall follow the Secretary of the Interior's Standards for conducting historic landscape studies as well as applicable guidance found in NPS Bulletin #18, *How to Evaluate and Nominate Designed Historic Landscapes* and other appropriate publications and guidance documents. The landscape study shall include, at a minimum, gathering spatial data on the current parameters of the trail leading from the house to the old depot area, the existing stone gate near the tracks, and all other notable above- and below-ground features. The data shall be used to create a site plan of the exact locations of landscape features. The ensuing report shall be submitted concurrently to the FRA, SHPO, property owner, and Consulting Parties for review and comment, as appropriate. The DRPT shall disseminate final copies to the FRA, SHPO, the Chesterfield Historical Society of Virginia, the Virginia Historical Society, and the Chesterfield County Public Library for their collections, and to other Consulting Parties upon request.
2. The DRPT shall document, or cause to be documented, the stone wall and gate near the rail tracks a minimum of three (3) months prior to beginning Project construction in this area. The DRPT shall prepare, or cause to be prepared, photographic documentation of the wall consistent with guidance found in "Photographic Documentation for National Park Service Basic Survey" and DHR's "Photographic Documentation for Virginia Department of Historic Resources (DHR) Survey" (Updated July 2009); and complete a SHPO Intensive Level Survey form for the historic property in the SHPO's Virginia Cultural Resource Information System (V-CRIS). The DRPT shall also ensure that the historic property is documented in a written report. The report shall address, at a minimum, the physical description and historical context of the property. The DRPT shall submit the photographs, V-CRIS form, and report concurrently to the FRA, SHPO, property owner, and Consulting Parties for review comment, as appropriate. The DRPT shall disseminate final copies to the FRA, SHPO, the Chesterfield Historical Society of Virginia, the Virginia

Historical Society, and the Chesterfield County Public Library for their collections, and to other Consulting Parties upon request.

3. The DRPT shall employ a qualified stone mason with demonstrated experience working with historic properties to carefully dismantle the extant stone wall and gate near the rail tracks. The stones are to be stored and retained in a manner to safeguard them from damage, theft, vandalism, etc. during construction, and the mason shall reassemble the wall outside of the Project right-of-way using the Secretary of the Interior's Standards for Reconstruction and NPS Preservation Briefs, Technical Notes, and other relevant guidance and accepted historic preservation practices, as appropriate. DRPT shall coordinate the final location of the rebuilt wall and gate with the FRA, SHPO and property owners prior to re-construction.
4. Within two (2) years of receipt of funding for Project construction that will impact DHR Inventory No. 020-5443-0010, as described under Stipulation V(C), the DRPT shall complete, or cause to be completed, a NRHP nomination form for the Eichelberger House. The DRPT shall submit the draft nomination form concurrently to the FRA, SHPO, property owner, and Consulting Parties for review and comment, as appropriate. The DRPT shall submit the final draft NRHP nomination to the SHPO for listing to the NRHP pursuant to its existing regulations and procedures. The DRPT shall have no other obligations with respect to any actions that may be taken by the property owner, the SHPO, or any other entity relating to the nomination of the property to the NRHP. The DHR State Review Board is under no obligation to approve the nomination for listing to the NRHP.

H. Chester Hotel Site (DHR Site No. 44CF0304)

1. The DRPT shall, to the extent possible, avoid the Chester Hotel archaeological site (DHR Site No. 44CF0304). For the portions of the Chester Hotel archaeological site that cannot be avoided, the DRPT shall conduct Phase III archaeological data recovery in areas with the potential for intact subsurface remains prior to ground disturbing activities and within two (2) years of receipt of funding for Project construction that will impact DHR Site No. 44CF0304, as described under Stipulation V(C). The archaeological work shall include the following components:
 - a. DRPT shall develop, or cause to be developed, a draft data recovery plan for the investigations and submit concurrently the plan to the FRA, SHPO, property owner, and Consulting Parties for review and comment, as appropriate. The plan shall be consistent with the Secretary of the Interior's *Standards and Guidelines for Archaeological Documentation* (48 Fed. Reg. 44734-37, September 29, 1983) and take into account the ACHP's publication, *Treatment of Archaeological Properties* (1980). The plan shall include:
 - 1) The property, properties, or portions of properties where site-specific data recovery plans shall be carried out;
 - 2) Any property, properties, or portions of properties that will be destroyed or altered without data recovery;
 - 3) The research questions to be addressed through data recovery, with an explanation of their relevance and importance;

- 4) The methods to be used with an explanation of their relevance to the research questions;
 - 5) The methods to be used in analysis, data management, and dissemination of data, including a schedule;
 - 6) The proposed disposition of recovered materials and records;
 - 7) Proposed methods of disseminating the results of the work to interested individuals and/or organizations who have expressed an interest in the data recovery; and
 - 8) A schedule for the submission of progress reports to the SHPO.
- b. Upon revision of the plan and acceptance of a data recovery plan by the FRA and SHPO, the DRPT shall complete, or cause to be completed, all archaeological excavation described in the recovery plan. At the conclusion of the work described in the data recovery plan, DRPT will prepare, or cause to be prepared, a final report documenting the work and the findings. The report will meet all state standards for data recovery reports and include required components. DRPT shall concurrently submit draft copies of the report to the FRA, SHPO, property owner(s), and Consulting Parties for review and comment. DRPT shall disseminate final copies of the report to the FRA, SHPO, Chesterfield Historical Society of Virginia, Virginia Historical Society, Library of Virginia, and the Chesterfield Public Library for their collections, and to other Consulting Parties upon request.
2. Within one (1) year of the completion of the data recovery fieldwork, the DRPT shall provide, or cause to be provided, a lecture for the general public on the history of the Chester Hotel and the results of the archaeological data recovery, preferably to be presented in the Chester area of Chesterfield County. This lecture shall be advertised in the Chester area and the surrounding region.
 3. Within two (2) years of the completion of the data recovery fieldwork, the DRPT shall produce, or cause to be produced, a scholarly article discussing the importance of Chester and the Chester Hotel. The FRA, DRPT, the SHPO, the Chesterfield Historical Society of Virginia, and other Consulting Parties shall discuss the location for submittal for publication, and the final publication location shall be determined based on majority input. The DRPT shall submit the article to the agreed upon location and shall have no other obligations with respect to any actions that may be taken by the publisher once the article is submitted and accepted or declined, except that DRPT shall undertake any revisions or provide other assistance requested by the publisher if the article is accepted for publication.
- I. Swanee Site (DHR Site No. 44CF0748)
1. The DRPT shall, to the extent possible, avoid the Swanee archaeological site (DHR Site No. 44CF0748). For the portions of the Swanee archaeological site that cannot be avoided, the DRPT shall conduct Phase III archaeological data recovery in areas with the potential for intact subsurface remains prior to ground disturbing activities and within two (2) years of receipt of funding for Project construction that will

impact DHR Site No. 44CF0748, as described under Stipulation V(C). The archaeological work shall include the following components:

- a. DRPT shall develop, or cause to be developed, a draft data recovery plan for the investigations and submit concurrently the plan to the FRA, SHPO, property owner, and Consulting Parties for review and comment, as appropriate. The plan shall be consistent with the Secretary of the Interior's *Standards and Guidelines for Archaeological Documentation* (48 Fed. Reg. 44734-37, September 29, 1983) and take into account the ACHP's publication, *Treatment of Archaeological Properties* (1980). The plan shall include:
 - 1) The property, properties, or portions of properties where site-specific data recovery plans shall be carried out;
 - 2) Any property, properties, or portions of properties that will be destroyed or altered without data recovery;
 - 3) The research questions to be addressed through data recovery, with an explanation of their relevance and importance;
 - 4) The methods to be used with an explanation of their relevance to the research questions;
 - 5) The methods to be used in analysis, data management, and dissemination of data, including a schedule;
 - 6) The proposed disposition of recovered materials and records;
 - 7) Proposed methods of disseminating the results of the work to interested individuals and/or organizations who have expressed an interest in the data recovery; and
 - 8) A schedule for the submission of progress reports to the SHPO.
- b. Upon revision of the plan and acceptance of a data recovery plan by the FRA and SHPO, the DRPT shall complete, or cause to be completed, all archaeological excavation described in the recovery plan. At the conclusion of the work described in the data recovery plan, DRPT will prepare, or cause to be prepared, a final report documenting the work and the findings. The report will meet all state standards for data recovery reports and include required components. DRPT shall concurrently submit draft copies of the report to the FRA, SHPO, property owner, and Consulting Parties for review and comment. Final copies of the report shall be disseminated to the FRA, SHPO, Chesterfield Historical Society of Virginia, Virginia Historical Society, Library of Virginia, and the Chesterfield Public Library for their collections, and other Consulting Parties upon request.

J. DHR Site No. 44CF0707

1. The DRPT shall, to the extent possible, avoid DHR Site No. 44CF0707. For the portions of DHR Site No. 44CF0707 that cannot be avoided, the DRPT shall conduct

Phase III archaeological data recovery in areas with the potential for intact subsurface remains prior to ground disturbing activities and within two (2) years of receipt of funding for Project construction that will impact DHR Site No. 44CF0707, as described under Stipulation V(C). The archaeological work shall include the following components:

- a. DRPT shall develop, or cause to be developed, a draft data recovery plan for the investigations and submit concurrently the plan to the FRA, SHPO, property owner, and Consulting Parties for review and comment, as appropriate. The plan shall be consistent with the Secretary of the Interior's *Standards and Guidelines for Archaeological Documentation* (48 Fed. Reg. 44734-37, September 29, 1983) and take into account the ACHP's publication, *Treatment of Archaeological Properties* (1980). The plan shall include:
 - 1) The property, properties, or portions of properties where site-specific data recovery plans shall be carried out;
 - 2) Any property, properties, or portions of properties that will be destroyed or altered without data recovery;
 - 3) The research questions to be addressed through data recovery, with an explanation of their relevance and importance;
 - 4) The methods to be used with an explanation of their relevance to the research questions;
 - 5) The methods to be used in analysis, data management, and dissemination of data, including a schedule;
 - 6) The proposed disposition of recovered materials and records;
 - 7) Proposed methods of disseminating the results of the work to interested individuals and/or organizations who have expressed an interest in the data recovery; and
 - 8) A schedule for the submission of progress reports to the SHPO.
- b. Upon revision of the plan and acceptance of a data recovery plan by the FRA and SHPO, the DRPT shall complete, or cause to be completed, all archaeological excavation described in the recovery plan. At the conclusion of the work described in the data recovery plan, DRPT will prepare, or cause to be prepared, a final report documenting the work and the findings. The report will meet all state standards for data recovery reports and include required components. DRPT shall concurrently submit draft copies of the report to the FRA, SHPO, property owner, and Consulting Parties for review and comment. Final copies of the report shall be disseminated to the FRA, SHPO, Chesterfield Historical Society of Virginia, Virginia Historical Society, Library of Virginia, and the Chesterfield Public Library for their collections, and other Consulting Parties upon request.

2. Within two (2) years of the completion of the data recovery fieldwork, the DRPT shall produce, or cause to be produced, a scholarly article discussing the importance of Site No. 44CF0707. The publication submittal location shall be discussed with the FRA, DRPT, the SHPO, and other Consulting Parties, and final publication location shall be determined based on majority input. The DRPT shall have no other obligations with respect to any actions that may be taken by the publisher once the article is submitted and accepted or declined.

K. Arrowfield Plantation (DHR Site No. 44CF0708)

1. The DRPT shall, to the extent possible, avoid the Arrowfield Plantation archaeological site (DHR Site No. 44CF0708). For the portions of the Arrowfield Plantation archaeological site that cannot be avoided, the DRPT shall conduct Phase III archaeological data recovery in areas with the potential for intact subsurface remains prior to ground disturbing activities and within two (2) years of receipt of funding for Project construction that will impact DHR Site No. 44CF0708, as described under Stipulation V(C). The archaeological work shall include the following components:
 - a. DRPT shall develop a draft data recovery plan for the investigations and submit concurrently the plan to the FRA, SHPO, property owner, and Consulting Parties for review and comment, as appropriate. The plan shall be consistent with the Secretary of the Interior's *Standards and Guidelines for Archaeological Documentation* (48 Fed. Reg. 44734-37, September 29, 1983) and take into account the ACHP's publication, *Treatment of Archaeological Properties* (1980). The plan shall include:
 - 1) The property, properties, or portions of properties where site-specific data recovery plans shall be carried out;
 - 2) Any property, properties, or portions of properties that will be destroyed or altered without data recovery;
 - 3) The research questions to be addressed through data recovery, with an explanation of their relevance and importance;
 - 4) The methods to be used with an explanation of their relevance to the research questions;
 - 5) The methods to be used in analysis, data management, and dissemination of data, including a schedule;
 - 6) The proposed disposition of recovered materials and records;
 - 7) Proposed methods of disseminating the results of the work to interested individuals and/or organizations who have expressed an interest in the data recovery; and
 - 8) A schedule for the submission of progress reports to the SHPO.

- b. Upon revision of the plan and acceptance of a data recovery plan by the FRA and SHPO, the DRPT shall complete, or cause to be completed, all archaeological excavation described in the recovery plan. At the conclusion of the work described in the data recovery plan, DRPT will prepare, or cause to be prepared, a final report documenting the work and the findings. The report will meet all state standards for data recovery reports and include required components. DRPT shall concurrently submit draft copies of the report to the FRA, SHPO, property owner, and Consulting Parties for review and comment. Final copies of the report shall be disseminated to the FRA, SHPO, Chesterfield Historical Society of Virginia, Virginia Historical Society, Library of Virginia, and the Chesterfield Public Library for their collections, and other Consulting Parties upon request.
2. Within one (1) year of completion of the data recovery fieldwork, the DRPT shall provide or cause to be provided a lecture for the general public on the history of Arrowfield Plantation and the results of the archaeological data recovery, preferably to be presented in Chesterfield County. This lecture shall be advertised in Chesterfield County and the surrounding region.

L. DHR Site No. 44CF0710

1. The DRPT shall, to the extent possible, avoid DHR Site No. 44CF0710. For the portions of DHR Site No. 44CF0710 that cannot be avoided, the DRPT shall conduct Phase III archaeological data recovery in areas with the potential for intact subsurface remains prior to ground disturbing activities and within two (2) years of receipt of funding for Project construction that will impact DHR Site No. 44CF0710, as described in Stipulation V(C). The archaeological work shall include the following components:
 - a. DRPT shall develop a draft data recovery plan for the investigations and submit concurrently the plan to the FRA, SHPO, property owner, and Consulting Parties for review and comment, as appropriate. The plan shall be consistent with the Secretary of the Interior's *Standards and Guidelines for Archaeological Documentation* (48 Fed. Reg. 44734-37, September 29, 1983) and take into account the ACHP's publication, *Treatment of Archaeological Properties* (1980). The plan shall include:
 - 1) The property, properties, or portions of properties where site-specific data recovery plans shall be carried out;
 - 2) Any property, properties, or portions of properties that will be destroyed or altered without data recovery;
 - 3) The research questions to be addressed through data recovery, with an explanation of their relevance and importance;
 - 4) The methods to be used with an explanation of their relevance to the research questions;
 - 5) The methods to be used in analysis, data management, and dissemination of data, including a schedule;

- 6) The proposed disposition of recovered materials and records;
 - 7) Proposed methods of disseminating the results of the work to interested individuals and/or organizations who have expressed an interest in the data recovery; and
 - 8) A schedule for the submission of progress reports to the SHPO.
- b. Upon revision of the plan and acceptance of a data recovery plan by the FRA and SHPO, the DRPT shall complete, or cause to be completed, all archaeological excavation described in the recovery plan. At the conclusion of the work described in the data recovery plan, DRPT will prepare, or cause to be prepared, a final report documenting the work and the findings. The report will meet all state standards for data recovery reports and include required components. DRPT shall concurrently submit draft copies of the report to the FRA, SHPO, property owner, and Consulting Parties for review and comment. Final copies of the report shall be disseminated to the FRA, SHPO, Chesterfield Historical Society of Virginia, Virginia Historical Society, Library of Virginia, and the Chesterfield Public Library for their collections, and other Consulting Parties upon request.
2. Within two (2) years of completion of data recovery fieldwork, the DRPT shall produce, or cause to be produced, a scholarly article discussing the importance of DHR Site No. 44CF0710. The publication submittal location shall be discussed with the FRA, DRPT, SHPO, and other Consulting Parties, and final publication location shall be determined based on majority input. The DRPT shall have no other obligations with respect to any actions that may be taken by the publisher once the article is submitted and accepted or declined.

M. Defense Road (DHR Inventory No. 123-5455) and Railroad Bridge over Defense Road (DHR Inventory No. 123-5013)

1. The DRPT shall work with the project engineer to minimize impacts to the existing fabric of both the road and the bridge. This may include minimizing the scale and massing of any proposed structures, material selection for any new structures that reflect the characteristics of the extant bridge, and vegetative screening of new structural elements, where appropriate.
2. Where avoidance and/or minimization are not possible, the DRPT shall assure that the design of the new bridge is compatible with the architectural and historic character of nearby historic properties. The DRPT shall submit draft plans for the new southbound rail bridge over Defense Road at the schematic, 30%, 65%, and 90% stages to the FRA, SHPO and other Consulting Parties including the NPS at Petersburg National Battlefield Park, Civil War Preservation Trust, and the City of Petersburg for review and comment.
3. Within one (1) year of receipt of funding for Project construction that will impact DHR Inventory Nos. 123-5455 or 123-5013, as described under Stipulation V(C), the DRPT shall produce, or caused to be produced, measured drawings of the Railroad Bridge over Defense Road prior to any alterations. The drawings shall conform to the guidelines specified by the NPS as set forth in HABS/HAER Guidelines (<http://www.cr.nps.gov/hdp/standards/haerguidelines.htm>).
4. Concurrent with the measured drawings, DRPT shall engage a professional photographer with experience in preparing large-format, black-and-white, archival-quality photographic documentation for HAER and HAER-type documentation projects to complete large-format photographs of both the bridge and the roadway. Photographs shall comply with HABS/HAER Photographs Specifications and Guidelines (<http://www.cr.nps.gov/hdp/standards/HABS/photospecs.pdf>) and DHR's "Photographic Documentation for Virginia Department of Historic Resources (DHR) Survey" (Updated July 2009). Negatives and print sizes shall be 4" x 5". Negatives and prints shall be processed, labeled, and packaged according to HABS/HAER archival standards. A list of photo captions (Index to Photos) and a site plan of the building showing the location and direction of the photographs (Key to Photos) shall be included.

Photographic views shall show the bridge and associated roadway, as well as the surrounding landscape and approaches. Overview and detail photos of the bridge shall be provided, documenting as much as possible of the engineering and construction methods for the property including exterior elevations and detailed views of significant decorative architectural or historical features.

5. Upon completion of the measured drawings and large-format photography, the DRPT shall prepare, or cause to be prepared, and submit a first draft HAER Outline Format report documenting the bridge and roadway concurrently to the FRA, SHPO, and Consulting Parties comment, as appropriate. The report shall include any archival research collated on the history of the bridge and road, an architectural description of the bridge and road, copies of the measured drawings and large-format photographs, and any additional data gathered during this process such as copies of historic photographs, original design plans, etc. The DRPT shall submit final documents to

the FRA, SHPO, the Library of Virginia, the Virginia Historical Society, and the Petersburg Public Library for their collections, and to other Consulting Parties upon request.

6. Concurrent with the HAER report, the DRPT shall fund the fabrication and installation of an interpretive sign in Lee Memorial Park as part of the NPS's signage initiative program to disseminate information about the history of Defense Road to the general public. In consultation with the FRA, SHPO, the NPS Petersburg National Battlefield Park, and the City of Petersburg, the DRPT shall prepare, or cause to be prepared, draft text and layout for the signage and submit it to the FRA, SHPO, Civil War Preservation Trust, and the City of Petersburg for review and comment, and NPS Petersburg National Battlefield Park for review and approval. Once approved, the DRPT shall have the sign panel produced and installed in a location deemed appropriate by the FRA, SHPO, the NPS Petersburg National Battlefield Park, and the City of Petersburg. If NPS Petersburg National Battlefield Park does not approve the signage then the DRPT shall consult with the Signatories and other Consulting Parties to determine an appropriate method to interpret the historic property to the public.

N. Dimmock Line Earthworks (DHR Inventory No. 123-5462)

1. Within one (1) year of receipt of funding for Project construction that will impact DHR Inventory No. 123-5462, as described under Stipulation V(C), the DRPT shall prepare, or cause to be prepared, photographic documentation of the earthworks consistent with guidance found in "Photographic Documentation for National Park Service Basic Survey" and DHR's "Photographic Documentation for Virginia Department of Historic Resources (DHR) Survey" (Updated July 2009); and complete a SHPO Intensive Level Survey form for the Dimmock Line Earthworks in the SHPO's V-CRIS. The documentation shall include, at a minimum, archival research on both Major Dimmock and the earthworks themselves, a historic map review of Petersburg defensive strategies, and documentation of the extant remains of the earthworks in the vicinity of Defense Road. The above-ground segments of the earthworks shall be located and mapped using GPS to identify their exact location and determine the current extent of disturbance, and both black and white and color photographs shall be taken to document their current condition. The DRPT shall also ensure that the Dimmock Line Earthworks are documented in a written report. The report shall address, at a minimum, the physical description and historical context of the property. The DRPT shall submit the photographs, V-CRIS form, and report concurrently to the FRA, SHPO, and Consulting Parties including the NPS Petersburg National Battlefield Park and Civil War Preservation Trust for review and comment. The DRPT shall provide Consulting Parties with copies of the Dimmock Line Earthworks documentation package upon request.
2. Within two (2) years of receipt of funding for Project construction that will impact DHR Inventory No. 123-5462, as described under Stipulation V(C), the DRPT shall produce, or cause to be produced, a scholarly article for publication in a local, state, or national journal discussing the importance of Major Dimmock and the unique nature of the earthworks, including information garnered from the research/fieldwork gathered during initial work on the resource and as part of the mitigation process. The FRA, DRPT, the SHPO, NPS Petersburg National Battlefield Park, Civil War Preservation Trust, and City of Petersburg, shall discuss the location for submission

for publication, and the final publication submission location shall be determined based on majority input. The DRPT shall have no other obligations with respect to any actions that may be taken by the publisher once the article is submitted and accepted or declined, except that DRPT shall undertake any revisions or provide other assistance requested by the publisher if the article is accepted for publication. The DRPT shall disseminate final copies of the article to the FRA, SHPO, NPS Petersburg National Battlefield Park, Civil War Preservation Trust, City of Petersburg Historical Society, the Virginia Historical Society, and the Petersburg Public Library; and to other Consulting Parties upon request.

3. Concurrent with the scholarly article, the DRPT shall fund the fabrication and installation of an interpretive sign in Lee Memorial Park as part of the NPS's signage initiative program to disseminate information about the history of the Dimmock Line and the Civil War in this area to the general public. In consultation with the FRA, SHPO, the NPS Petersburg National Battlefield Park, Civil War Preservation Trust, and the City of Petersburg, the DRPT shall prepare, or cause to be prepared, draft text and layout for the signage and submit it to the FRA, SHPO, Civil War Preservation Trust, and the City of Petersburg for review and comment; and the NPS Petersburg National Battlefield Park for review and approval. Once approved, the DRPT shall have the sign panel produced and installed in a location deemed appropriate by the FRA, SHPO, the NPS Petersburg National Battlefield Park, and the City of Petersburg. If the NPS Petersburg National Battlefield Park does not approve the signage, the DRPT shall consult with the Signatories and other Consulting Parties to determine an appropriate method to interpret the historic property to the public.

O. Tourist House (DHR Inventory No. 012-5052)

1. The DRPT shall develop, or cause to be developed, a landscape treatment plan for the portion of the rail running through the Tourist House property boundaries. The DRPT shall consult with the property owner, FRA, SHPO, and other Consulting Parties to develop a landscape treatment plan for the portion of the rail running through the Tourist House property boundaries. The DRPT shall submit a draft of the landscape treatment plan concurrently to the FRA, SHPO, property owner, and Consulting Parties for review and approval, as appropriate. The DRPT shall create or cause to be created a final landscape treatment plan incorporating final design comments from the property owner, FRA, SHPO, and the other Consulting Parties as appropriate. The DRPT shall submit the final landscape treatment plan to the FRA, SHPO, property owner, and Consulting Parties. The DRPT shall then ensure that the measures stipulated in the final landscape treatment plan are completed within six (6) months of the completion of construction of the Project in this area. If the property owner does not approve the final landscape treatment plan the DRPT shall consult with the Signatories and other Consulting Parties to determine an appropriate method to mitigate the visual effect of the Project on the Tourist House.
2. Within two (2) years of the receipt of funding for Project construction that will impact DHR Inventory No. 012-5052, as described under Stipulation V(C), the DRPT shall complete, or cause to be completed, a NRHP nomination form for the Tourist House. The DRPT shall submit the draft nomination form concurrently to the FRA, SHPO, property owner, and Consulting Parties for review and comment. The DRPT shall submit the final draft nomination to the SHPO for listing to the NRHP as prescribed by the agency's established procedures for the Register program. The

DRPT shall have no other obligations with respect to any actions that may be taken by the property owner, the SHPO, or any other entity relating to the nomination of the property to the NRHP. The SHR State Review Board is under no obligation to approve the nomination for listing to the NRHP.

3. In addition to property-specific research, the DRPT shall create, or cause to be created, a historic context on the history of tourism establishments in Southside Virginia within four (4) years of receipt of Project construction funding as described in Stipulation V(C). This includes acquiring archival data on the history of tourism hotels, lodges, and guest homes in the early-twentieth century and a reconnaissance architectural documentation of resources related to this topic in Southside Virginia. The data obtained during the research and fieldwork shall be compiled into a report and, as appropriate, V-CRIS forms and associated packets will be completed for properties that are related to the development of this context and remain extant. The DRPT shall submit a draft report concurrently to the FRA, SHPO, property owner, and Consulting Parties for review and comment. The DRPT shall disseminate the final report to the FRA, SHPO, Virginia Historical Society, Library of Virginia, and local Southside public libraries and historical societies for their collections, and to other Consulting Parties upon request. Final V-CRIS forms and associated packets will be given to the DHR at this time for their archives.

P. Davis Site (DHR Site No. 44BR0225)

1. The DRPT shall avoid, to the extent possible, the Davis archaeological site (DHR Site No. 44BR0225). For the portions of DHR Site No. 44BR0225 that cannot be avoided, the DRPT shall conduct Phase III archaeological data recovery in areas with the potential for intact subsurface remains prior to ground disturbing activities and within two (2) years of receipt of Project construction funding. The archaeological work shall include the following components:
 - a. DRPT shall develop a draft data recovery plan for the investigations and submit concurrently the plan to the FRA, SHPO, property owner, and Consulting Parties for review and comment, as appropriate. The plan shall be consistent with the Secretary of the Interior's *Standards and Guidelines for Archaeological Documentation* (48 Fed. Reg. 44734-37, September 29, 1983) and take into account the ACHP's publication, *Treatment of Archaeological Properties* (1980). The plan shall include:
 - 1) The property, properties, or portions of properties where site-specific data recovery plans shall be carried out;
 - 2) Any property, properties, or portions of properties that will be destroyed or altered without data recovery;
 - 3) The research questions to be addressed through data recovery, with an explanation of their relevance and importance;
 - 4) The methods to be used with an explanation of their relevance to the research questions;

- 5) The methods to be used in analysis, data management, and dissemination of data, including a schedule;
- 6) The proposed disposition of recovered materials and records;
- 7) Proposed methods of disseminating the results of the work to interested individuals and/or organizations who have expressed an interest in the data recovery; and
- 8) A schedule for the submission of progress reports to the SHPO.

b. Upon revision of the plan and acceptance of a data recovery plan by the FRA and SHPO, the DRPT shall complete, or cause to be completed, all archaeological excavation described in the recovery plan. At the conclusion of the work described in the data recovery plan, DRPT will prepare, or cause to be prepared, a final report documenting the work and the findings. The report will meet all state standards for data recovery reports and include required components. DRPT shall concurrently submit draft copies of the report to the FRA, SHPO, property owner, and Consulting Parties for review and comment. Final copies of the report shall be disseminated to the FRA, SHPO, Virginia Historical Society, Library of Virginia, and the Brunswick County Public Library for their collections, and other Consulting Parties upon request.

2. Within two (2) years of completion of data recovery fieldwork, the DRPT shall produce, or cause to be produced, a scholarly article discussing the importance of the DHR Site No. 44BR0225. The FRA, DRPT, the SHPO, and cultural resource consultants, shall discuss the location for submittal for publication and final publication location shall be determined based on majority input. The DRPT shall have no other obligations with respect to any actions that may be taken by the publisher once the article is submitted and accepted or declined, except that DRPT will undertake any revisions or provide other assistance requested by the publisher if the article is accepted for publication.

Q. La Crosse Historic District (DHR Inventory No. 250-5001)

1. Within one (1) year of receipt of funding for Project construction that will impact DHR Inventory No. 250-5001, as described under Stipulation V(C), the DRPT shall prepare, or cause to be prepared, photographic documentation of the district consistent with guidance found in "Photographic Documentation for National Park Service Basic Survey" and DHR's "Photographic Documentation for Virginia Department of Historic Resources (DHR) Survey" (Updated July 2009); and complete a SHPO Intensive Level Survey form for the La Crosse Historic District in the SHPO's V-CRIS. The DRPT shall also ensure that the La Crosse Historic District is documented in a written report. The report shall address, at a minimum, the physical description and historical context of the La Crosse Historic District. The DRPT shall submit the photographs, V-CRIS form, and report concurrently to the FRA, SHPO, and Consulting Parties for review and comment. The DRPT shall disseminate the final report to the FRA, SHPO, Virginia Historical Society, Library of Virginia, and Town of La Crosse for their collections, and to other Consulting Parties upon request.

2. Within three (3) years of receipt of funding for Project construction that will impact DHR Inventory No. 250-5001, as described under Stipulation V(C), the DRPT shall complete, or cause to be completed, a NRHP nomination form for the La Crosse Historic District. The DRPT shall submit the draft nomination form to the FRA and SHPO for review and approval, and the Town of La Crosse and the other Consulting Parties for review and comment. The DRPT shall submit the final draft of the NRHP nomination to the SHPO for listing to the NRHP as prescribed by the agency's established procedures for the Register program. The DRPT shall have no other obligations with respect to any actions that may be taken by the property owners within the district or the locality, the SHPO, or any other entity relating to the nomination of the district to the NRHP. The DHR State Review Board is under no obligation to approve the nomination for listing to the NRHP.
3. Concurrent with the NRHP nomination, the DRPT shall fund the fabrication and installation of an interpretive sign near the La Crosse Hotel to present information on the La Crosse Historic District to the general public. In consultation with the FRA, SHPO, the Town of La Crosse, and the other Consulting Parties, the DRPT shall prepare, or cause to be prepared, draft text for the signage. The Town of La Crosse does not have an established marker/signage program, thus the DRPT shall work with the locality on the signage design and installation location. The DRPT shall submit the draft text and layout to the FRA, SHPO, the Town of La Crosse, and the other Consulting Parties for review and comment. The DRPT shall submit final text for the signage to the FRA, SHPO, the Town of La Crosse, and other Consulting Parties for review and comment prior to funding the fabrication and installation of the signage. Once approved, the DRPT shall have the sign panel produced and installed in the location deemed appropriate by the Town of La Crosse and the DHR.

III. PROFESSIONAL QUALIFICATIONS

All work carried out pursuant to this MOA 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 Fed. Reg. 44738-39 (September 29, 1983)) in the appropriate discipline.

IV. PREPARATION AND REVIEW OF DOCUMENTS

- A. All studies, technical reports, and treatment plans prepared pursuant to this MOA shall be consistent with pertinent standards and guidelines including, as applicable, *The Secretary's Standards and Guidelines for Historical Documentation* (48 Fed. Reg. 44728-30), *The Secretary's Standards and Guidelines for Architectural and Engineering Documentation* (48 Fed. Reg. 44730-34), *Archaeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines* (48 Fed. Reg. 44716-44742, September 29, 1983), the ACHP's *Treatment of Archaeological Properties: A Handbook*, the ACHP's *Recommended Approach for Consultation on Recovery of Significant Information from Archaeological Sites* (1999), and the SHPO's *Guidelines for Conducting Historic Resources Survey in Virginia* (October 2011), or subsequent revisions or replacements to these documents.
- B. The DRPT shall provide the SHPO three (3) copies (two [2] bound archival hard copies and one [1] in Portable Document Format (PDF) on compact disk or other electronic

format that is acceptable to the DRPT and SHPO) of all draft and final reports prepared pursuant to this MOA. The DRPT shall also provide a hardcopy of any draft and final report to the Consulting Parties to this MOA unless a Consulting Party requests the material in another format acceptable to the DRPT. The requesting Consulting Party must submit such requests to the DRPT in writing. The DRPT shall provide a hardcopy of all final reports to all non-Consulting Party recipients as identified in the stipulations above.

- C. The SHPO and other Consulting Parties agree to provide comments on all Project plans, technical reports, treatment plans, and other documentation arising from this MOA to DRPT within thirty (30) calendar days of receipt of complete information. If the DRPT does not receive comments from the SHPO or other Consulting Parties within the thirty (30) calendar-day review period, the DRPT may assume that the non-responding party has no comments. The DRPT shall ensure that all comments received within the thirty (30) calendar-day review period are addressed in the final product.
- D. Notwithstanding any other commitments herein to distribute documentation to FRA, DRPT shall provide FRA with a final copy of any Project plans, technical reports, treatment plans, and other documentation arising under this MOA once it has been agreed upon by SHPO and DRPT and any relevant Consulting Parties.

V. ANTI-DEFICIENCY ACT AND APPROPRIATIONS

- A. All requirements set forth in this MOA requiring the expenditure of Federal Government funds are expressly subject to the availability of appropriated funds. Nothing in this MOA shall be interpreted to establish obligations or require payments in violation of the Anti-Deficiency Act (31 U.S.C. § 1341). The DRPT shall notify the Signatories and Consulting Parties when it has acquired the funding for the Project, including funding for any phase of the project, as contemplated in Stipulation V(C).
- B. All requirements set forth in this MOA requiring the expenditure of Commonwealth of Virginia funds are expressly subject to the appropriation of funds by the Virginia General Assembly, and, if applicable, the allocation of funds by the Commonwealth Transportation Board.
- C. Funding sources for construction of the Project have not yet been determined. It is expected that there will be a mix of federal, state and local funding. There is a potential for funding to be available in phases. The mitigation measures for the treatment of adversely affected historic properties described in Stipulation II will apply as funding is obtained for the Project phase where each resource is physically located. There is no obligation to implement the mitigation measures identified in Stipulation II prior to receipt of funding.

VI. UNEXPECTED DISCOVERIES

- A. In the event that previously unidentified archaeological resources are discovered during ground disturbing activities within the APE, but outside of the boundaries of a recorded archaeological site, the DRPT shall immediately temporarily halt all construction work involving subsurface disturbance within fifty (50) feet of the discovery and in the surrounding area where further subsurface resources can reasonably be expected to occur

and immediately notify the FRA and the SHPO of the discovery. In the case of potentially prehistoric or historic Native American sites, the FRA shall also notify federally-recognized Indian tribes with interest in the area and the DRPT shall notify appropriate Virginia Indian tribes within two (2) working days of the discovery.

- B. The DRPT shall ensure that an archaeologist meeting the *Secretary of the Interior's Professional Qualification Standards* (48 Fed. Reg. 44739) investigates the work site and the resource, and then the DRPT shall forward to the FRA, the SHPO, the federally-recognized Indian tribes with an interest in the area, and appropriate Virginia Indian tribes an assessment of the NRHP eligibility of the resource (36 C.F.R pt. 60.4) and proposed treatment actions to resolve any adverse effects on historic properties. The SHPO, the federally-recognized Indian tribes, and the Virginia Indian tribes shall respond within five (5) working days of receipt of the DRPT's assessment of NRHP eligibility of the resource and proposed action plan. The DRPT, in consultation with the FRA, shall take into account the recommendations of the SHPO, the federally-recognized Indian tribes, and the Virginia Indian tribes regarding NRHP eligibility of the resource and the proposed action plan, and then carry out the appropriate actions.
- C. The DRPT shall ensure that ground disturbing activities within the affected area do 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.

VII. HUMAN REMAINS

The DRPT shall ensure that human skeletal remains and associated funerary objects encountered during the course of actions taken as a result of this MOA shall be treated in accordance with the Regulations Governing Permits for the Archaeological Removal of Human Remains (Virginia NRHP 390-01-02) found in Va. Code Ann. §§ 10.1-2305, *et seq.*, the Virginia Antiquities Act. The DRPT shall obtain a permit from the SHPO for the removal of human remains in accordance with the regulations stated above.

VIII. USE OF MOA BY OTHER FEDERAL AGENCIES

- A. Another Federal agency with an undertaking relating to the Project may adopt this MOA and agree to comply with its terms to fulfill its Section 106 responsibilities, as provided for in the SEHSR PA.
- B. In the event that a Federal agency other than FRA is considering funding, permits, licenses, or approvals for the Project, such Federal agency may become a signatory to this MOA as a means of complying with its responsibilities under Section 106 for its undertaking relating to the Project. To become a signatory to this MOA, the agency official must provide written notice to the Signatories that the agency agrees to the terms of the MOA, specifying the extent of the agency's intent to participate in the MOA, and identifying the lead Federal agency for the undertaking. The participation of the agency is subject to approval by the Signatories, who must respond to the written notice within thirty (30) days or the approval will be considered implicit. Any other modifications to the MOA will be considered in accordance with Stipulation X.

IX. DISPUTE RESOLUTION

- A. Should any Signatory or Consulting Party to this MOA object in writing to the FRA regarding any action carried out or proposed with respect to any undertakings covered by this MOA or to implementation of this MOA, the FRA shall consult with the objecting party to resolve the objection within thirty (30) days of receipt of comment.
- B. If after initiating such consultation, the FRA determines that the objection cannot be resolved through consultation, the FRA shall then consult with all Signatories to resolve the objection. If the objection still cannot be resolved, the FRA shall then forward all documentation relevant to the objection to the ACHP, including the proposed response to the objection, and request its comment on the objection as described in subsection (C) of this Stipulation.
- C. When forwarding relevant documentation to ACHP, FRA shall request that within thirty (30) days after receipt the ACHP exercise one of the following options:
 - 1. Advise the FRA that the ACHP concurs with the FRA's proposed response to the objection, whereupon the FRA shall respond to the objection accordingly; or
 - 2. Provide the FRA with recommendations, which the FRA shall take into account in reaching a final decision regarding its response to the objection.
- D. Should the ACHP not exercise one of the above options within thirty (30) days after receipt of all pertinent documentation, the FRA may assume the ACHP's concurrence in its proposed response to the objection.
- E. The FRA 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 FRA's responsibility to carry out all the actions under this MOA that are not the subject of the objections shall remain unchanged.
- F. At any time during implementation of the measures stipulated in this MOA should an objection pertaining to this MOA be raised by a member of the public, the FRA shall notify the Signatories and Consulting Parties to this MOA and take the objection into account, consulting with the objector and, should the objector so request, with any of the Signatories to this MOA in an effort to resolve the objection.

X. AMENDMENTS AND TERMINATION

- A. Any Signatory to this MOA may propose to the FRA that the MOA be amended, whereupon the FRA shall consult with the other Signatories to consider such an amendment. All Signatories to the MOA must agree to the proposed amendment in accordance with 36 C.F.R. § 800.6(c)(7).
- B. If the FRA and DRPT decide they shall not proceed with the Project, they shall so notify the other Signatories and Consulting Parties, and this MOA shall become null and void.
- C. If the FRA and DRPT determine that they cannot implement the terms of this MOA, or if the SHPO determines that this MOA is not being properly implemented, the FRA and

DRPT jointly, or the SHPO individually, may propose to the other parties that this MOA be amended or terminated.

- D. This MOA may be terminated by any of the Signatories to the MOA in accordance with the procedures described in 36 C.F.R. § 800.6(c)(8). Termination shall include the submission of a technical letter report by the FRA and DRPT on any work done up to and including the date of termination. In the event that this MOA is terminated or rendered null and void, FRA and DRPT shall submit to the SHPO a technical report on the results of any work conducted prior to and including the date of termination, and shall ensure that any associated collections and records recovered are curated in accordance with state guidelines. If the SHPO is unable to execute another memorandum of agreement following termination, the SHPO may choose to modify, suspend, or revoke the mitigation concurrence.
- E. In the event that this MOA is terminated, and prior to work continuing on the Project, the FRA shall either reinstate consultation and comply with 36 C.F.R pt. 800 or request the comments of the ACHP under 36 C.F.R § 800.7(a). The FRA shall notify the Signatories as to the course of action it will pursue.

XI. EFFECTIVE DATE

This MOA shall be effective as of the date of last signature by all Signatories.

XII. DURATION

This MOA shall continue in full force and effect for fifteen (15) years after the effective date. At any time in the six-month period prior to such time, the Signatories may consult to consider extending or modifying this MOA. No extension or modification shall be effective unless all parties to the MOA have agreed with it in writing. Any extension or modification of this MOA shall be done in accordance with Stipulation X.

XIII. NO WAIVER OF SOVEREIGN IMMUNITY

Nothing in this MOA shall be deemed a waiver of a Signatory's sovereign immunity.

XIV. EXECUTION

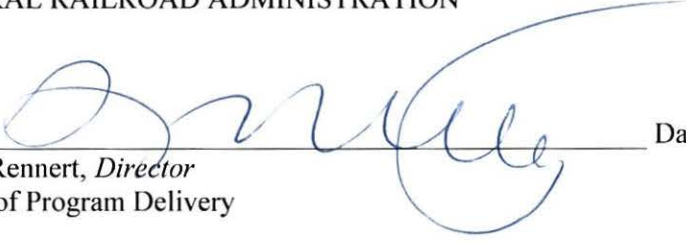
This MOA may be executed in counterparts. The FRA shall ensure that each of the Signatories is provided a copy of the executed MOA

Execution of this MOA by the FRA, the DRPT, and the SHPO, and its submission to the ACHP pursuant to 36 C.F.R § 800.6(c), is evidence that the FRA has afforded the ACHP an opportunity to comment on the proposed Project and its effects on historic properties, and that the FRA has taken into account the effects of the Project on historic properties and is documentation of the FRA's decision made pursuant to Section 106 for the purposes of Section 110(l) of the NHPA (54 U.S.C. § 306114).

IN TESTIMONY THEREOF, the Signatories have caused this MOA to be executed in duplicate, each by its duly authorized officers.

**MEMORANDUM OF AGREEMENT
AMONG THE VIRGINIA HISTORIC PRESERVATION OFFICE,
THE FEDERAL RAILROAD ADMINISTRATION,
AND THE VIRGINIA DEPARTMENT
OF RAIL AND PUBLIC TRANSPORTATION
REGARDING THE SOUTHEAST HIGH SPEED RAIL PROJECT,
RICHMOND, VIRGINIA TO THE NORTH CAROLINA STATE LINE**

FEDERAL RAILROAD ADMINISTRATION

By: 
Jamie Rennert, *Director*
Office of Program Delivery

Date: 1/11/17

**MEMORANDUM OF AGREEMENT
AMONG THE VIRGINIA HISTORIC PRESERVATION OFFICE,
THE FEDERAL RAILROAD ADMINISTRATION,
AND THE VIRGINIA DEPARTMENT
OF RAIL AND PUBLIC TRANSPORTATION
REGARDING THE SOUTHEAST HIGH SPEED RAIL PROJECT,
RICHMOND, VIRGINIA TO THE NORTH CAROLINA STATE LINE**

VIRGINIA STATE HISTORIC PRESERVATION OFFICE









By:  Date: 1.11.17
Julie V. Langan, Director, Virginia Department of Historic Resources

**MEMORANDUM OF AGREEMENT
AMONG THE VIRGINIA HISTORIC PRESERVATION OFFICE,
THE FEDERAL RAILROAD ADMINISTRATION,
AND THE VIRGINIA DEPARTMENT
OF RAIL AND PUBLIC TRANSPORTATION
REGARDING THE SOUTHEAST HIGH SPEED RAIL PROJECT,
RICHMOND, VIRGINIA TO THE NORTH CAROLINA STATE LINE**




VIRGINIA DEPARTMENT OF RAIL AND PUBLIC TRANSPORTATION

By: Jennifer Mitchell Date: 1/11/17
Jennifer Mitchell, *Director*

Table 1: Summary of Mitigation Per Historic Property (Listed North to South).

Resource Name	Image	NRHP Nom (Ind)	NRHP Nom (HD)	Interp Signage	Intensive AH Survey	Measured Drawings	Large Format Photos	HAIS Analysis	Archy Data Recovery	Booklet/ Pamphlet	Public Talk	Oral Histories	Scholarly Article	Landsep Treatmt	Structure Treatmt	Other
Seaboard Line Railroad Corridor (127-6271)						X	X									
Atlantic Coast Line Railroad Corridor (127-6251)						X	X									
Williams Bridge Company (127-6245/ 14CF0724)		X		X					X	X		X				
Richmond & Petersburg Electric Railway (020-5351)						X	X									
Centralia Post Office (020-0552)		X		X											X	
Circle Oaks/4510 Centralia Road (020-0140)		X													X	
Chester Historic District (020-5443)			X	X							X		X			
Eichelberger House (020-5443-0010/ 020-5093)		X			X			X						X		Move stone wall

Resource Name	Image	NRHP Nom (Ind)	NRHP Nom (IID)	Interp Signage	Intensive AII Survey	Measured Drawings	Large Format Photos	HALS Analysis	Archy Data Recovery	Booklet/ Pamphlet	Public Talk	Oral Histories	Scholarly Article	Landsep Treatmt	Structure Treatmt	Other
Site 44CF0304 (Chester Hotel Site)									X		X		X			
Site 44CF0748 (Swanee Site)									X							
Site 44CF0707									X				X			
Site 44CF0708 (Arrowfield Plantation)									X		X					
Site 44CF0710									X				X			
Defense Road (123-5455)				X			X								X	
Bridge over Defense Road (123-5013)				X		X	X								X	
Dimmock: Line/Earthworks (44DW0373)				X	X								X			

Resource Name	Image	NRHP Nom (Ind)	NRHP Nom (HD)	Interp Signage	Intensive AH Survey	Measured Drawings	Large Format Photos	HAUS Analysis	Archy Data Recovery	Booklet/ Pamphlet	Public Talk	Oral Histories	Scholarly Article	Landsep Treatmt	Structure Treatmt	Other
Tourist House (012-5052)		X												X		Develop Context= Tourist hotels in Southside VA.
Site 44BR0225 (Davis Site)									X				X			
La Crosse Historic District (250-5001)			X	X	X											

APPENDIX A: List of Cultural Resource Reports Associated with the Project.

Firm	Year	Title	Authors
Mattson, Alexander & Associates, Inc.	2004	Phase I Architectural Resources Survey of the Petersburg to North Carolina, Southeast High Speed Rail Project	Alexander, Frances
Legacy Research Associates, Inc.	2004	Phase IA Archaeological Reconnaissance of the Petersburg to North Carolina State Line Segment, Rail and Road Improvements, of the Southeast High Speed Rail Project	Joy, Deborah
Louis Berger Group, Inc.	2005	Phase I Archaeological Survey and Phase II Architectural Evaluations of the Petersburg to North Carolina State Line Segment of the Southeast High Speed Rail Project	Dixon, Stuart, Brad Duplantis, Megan Rupnik, Lee Tippett, and Eric Voigt
Mattson, Alexander & Associates, Inc.	2007	Supplement Report/Phase II Architectural Evaluation of the Petersburg Railroad	Alexander, Frances
Louis Berger Group, Inc.	2007	Addendum Report/Supplemental Archaeological Survey, Architectural Survey, and Architectural Evaluation, Oak Shades Avoidance Alternative along the Petersburg to North Carolina State Line Segment of the Southeast High Speed Rail Project	Reinhart, Charles, and Megan Rupnik
Louis Berger Group, Inc.	2007	Archaeological Phase IA Reconnaissance, Architectural Phase I Survey, and Battlefield Delineations of the Richmond to Petersburg Segment of the Southeast High Speed Rail Project	Rupnik, Megan, Kristi Baynard, Stephanie Jacobe, Patti Kuhn, Brad Duplantis, and Erik Voigt
Dovetail Cultural Resource Group	2008	Intensive Architectural Investigations along the Richmond-To-Petersburg Southeast High Speed Rail Corridor, Cities of Richmond, Colonial Heights, and Petersburg, and Chesterfield County, Virginia	Dollins, Heather, Andrew Stempel, and Kerri S. Barile
Dovetail Cultural Resource Group	2009	Phase I Archaeological Survey: Southeast High Speed Rail Corridor, Cities of Richmond, Colonial Heights, and Petersburg, and Chesterfield County, Virginia	Carmody, Michael, Kerry Schamel-Gonzalez, Marco Gonzalez, and Gregg Harmon.
Dovetail Cultural Resource Group	2009	Addendum Report/Phase I Architectural Survey of the of the Petersburg to North Carolina Segment of the Southeast High Speed Rail Project	Dollins, Heather, and Kerri S. Barile

Firm	Year	Title	Authors
Dovetail Cultural Resource Group	2009	Phase I Archaeological Survey of Road Construction Areas Associated with the Southeast High Speed Rail Project, Cities of Richmond, Colonial Heights, and Petersburg, and Chesterfield and Dinwiddie Counties, Virginia	Gonzalez, Kerry S., Marco Gonzalez, Brad Hatch, and Michael Carmody
Dovetail Cultural Resource Group	2009	Phase I Architectural Survey of Road Construction Areas Associated with the Southeast High Speed Rail Project, Cities of Richmond, Colonial Heights, and Petersburg, and Chesterfield and Dinwiddie Counties, Virginia	Dollins, Heather, Kerri Barile, and Claire Lanier
Dovetail Cultural Resource Group	2009	Intensive Architectural Evaluation: Road Areas Associated with the Southeast High Speed Rail Project, Cities of Richmond, Colonial Heights, and Petersburg, and Chesterfield and Dinwiddie Counties, Virginia	Barile, Kerri, Heather Dollins, Claire Lanier, Stefanie Casey, and Kerry Schamel-Gonzalez
Dovetail Cultural Resource Group	2010	Phase II Testing at Sites 44CF0743 and 44CF0744, Chesterfield County, Virginia	Schamel-Gonzalez, Kerry and Sean Maroney
Dovetail Cultural Resource Group	2010	Phase II Site Evaluation of Site 44CF0755, Chesterfield County, Virginia	Schamel-Gonzalez, Kerry and Sean Maroney
Dovetail Cultural Resource Group	2010	Phase II Testing at Sites 44CF0304, 44CF0305, and 44CF0705, Town of Chester, Chesterfield County, Virginia	Schamel-Gonzalez, Kerry and Sean Maroney
Dovetail Cultural Resource Group	2012	Phase II Testing at Sites 44CF0707, 44CF0708, 44CF0750 in Chesterfield County, Virginia and Site 44CF0710 in Colonial Heights, Virginia	Gonzalez, Kerry S., Michael Carmody, Sean Maroney, Mike Klein, Kerri S. Barile, Earl E. Proper, and Marco A. Gonzalez
Dovetail Cultural Resource Group	2010	Phase II Testing at the Williams Bridge Company (44CF0724 / 127-6245), City of Richmond, Virginia	Schamel-Gonzalez, Kerry and Kerri S. Barile
Dovetail Cultural Resource Group	2011	Phase II Testing at Sites 44CF0736, 44CF0740, and 44CF0742 in Chesterfield County, Virginia	Gonzalez, Kerry S., Sean Maroney, Emily Calhoun, and Kerri Barile
Dovetail Cultural Resource Group	2012	Cultural Resource Investigations of the Kress Box Factory (44BR0174/012-5075), Brunswick County, Virginia	Gonzalez, Kerry, Kerri S. Barile, and Carthon Davis, III

Firm	Year	Title	Authors
Dovetail Cultural Resource Group	2011	Management Summary of Partial Phase II Excavations Conducted at Site 44CF0748, Chesterfield County, Virginia	Gonzalez, Kerry S.
Dovetail Cultural Resource Group	2011	Archaeological Survey of Road Construction Areas Associated with the Southeast High Speed Rail Project, Vance and Warren Counties, North Carolina.	Calhoun, Emily, Kerri Barile, Sean Maroney, and Danae Peckler
Dovetail Cultural Resource Group	2011	Phase I Archaeological Survey of Overlapping Road and Road Alignment Areas Associated with the Southeast High Speed Rail Project, Dinwiddie, Brunswick, and Mecklenburg Counties, Virginia	Calhoun, Emily, Kerry Gonzalez, Marco Gonzalez, and Heather Littlefield
Dovetail Cultural Resource Group	2012	Intensive Architectural Survey of the Southeast High Speed Rail Corridor, Towns of Alberta, Bracey, La Crosse, and McKenney, Virginia	Dollins, Heather and Kerri S. Barile
Dovetail Cultural Resource Group	2013	Addendum: Phase I Architectural Survey and Evaluation for the Southeast High Speed Rail Corridor, Chesterfield, Dinwiddie, Brunswick, and Mecklenburg Counties, Virginia	Barile, Kerri S., and Carthon Davis, III
Dovetail Cultural Resource Group	2010	Letter Report: Tourist House Boundaries (012-5052)	Barile, Kerri S.
Dovetail Cultural Resource Group	2012	Architectural Studies Along Alternative VA4 in Sections D & G of the Southeast High Speed Rail Corridor, Brunswick County, Virginia	Maroney, Sean, and Kerri S. Barile
Dovetail Cultural Resource Group	2013	Reconnaissance and Intensive Studies of Bridges and Other Structures Along the Southeast High Speed Rail Corridor, Richmond, Virginia, to the North Carolina State Line	Danae Peckler, Caitlin Oshida, Carthon Davis, III, Aubrey Von Lindern, Kathleen Hughes, and Kerri S. Barile
Dovetail Cultural Resource Group	2012	Intensive Architectural Survey of the Centralia Earthworks (020-0022/44CF0680), Chesterfield County, Virginia	Barile, Kerri and Heather Dollins
Dovetail Cultural Resource Group	2012	Phase I Architectural Survey of the Centralia Road Realignment Project for the Southeast High Speed Rail Corridor, Chesterfield County, Virginia	David, Carthon, III, Heather Dollins, and Kerri S. Barile
Dovetail Cultural Resource Group	2013	Archaeological Survey and Testing Along Alternative VA4 in Section D of the Southeast High Speed Rail Corridor, Brunswick County, Virginia	Barile, Kerri S., Marco A. Gonzalez, Earl Proper, Mike Klein, Caitlin Oshida, and Michael L. Carmody

Firm	Year	Title	Authors
Dovetail Cultural Resource Group	2009	Addendum: Archaeological Survey and Architectural Survey and Evaluation Southeast High Speed Rail Corridor City of Petersburg, Dinwiddie, Brunswick, and Mecklenburg Counties, Virginia	Hatch, Brad and Heather Dollins
Dovetail Cultural Resource Group	2013	P-3819: Additional Eligibility for Southeast High Speed Rail Corridor, Wake, Vance, and Warren Counties WBS# 43487.1.STR1	Kerri S. Barile, Danae A. Peckler, and Caitlin M. Oshida
Dovetail Cultural Resource Group	2014	Archaeological Survey and Testing of Portions of the Southeast High Speed Rail Corridor, Warren and Vance Counties, North Carolina	Carmody, Michael, Joseph R. Blondino, Mike Klein, Earl Proper, Caitlin Oshida, and Danae Peckler
Dovetail Cultural Resource Group	2014	Addendum to Cultural Resource Survey of the Southeast High Speed Rail Project, Cities of Richmond, Colonial Heights, and Petersburg; and Chesterfield, Dinwiddie, Brunswick, and Mecklenburg Counties, Virginia	McCloskey, Kevin, Marco A. Gonzalez, and Kerri S. Barile
Dovetail Cultural Resource Group	2014	Phase II Testing at Sites 44BR0170, 44BR0171, 44BR0172, and 44BR0175 in Brunswick County, Virginia	Carmody, Michael L., Mike Klein, Joseph R. Blondino, and Emily Calhoun
Dovetail Cultural Resource Group	2014	Phase II Testing at Sites 44BR0177 and 44BR0225 in Brunswick County, Virginia	Barile, Kerri S., Heidi E. Krofft, Earl E. Proper, and Caitlin Oshida
Dovetail Cultural Resource Group	2014	Phase II Testing at Sites 44MC0884, 44MC0888, 44MC0917, and 44MC0896 in Mecklenburg County, Virginia	Barile, Kerri S., Emily Calhoun, Heidi E. Krofft, Earl E. Proper, and Caitlin Oshida
Dovetail Cultural Resource Group	2014	Phase II Testing at Site 44BR0066, Brunswick County, Virginia.	Klein, Mike and Marco Gonzalez
Dovetail Cultural Resource Group	2014	Addendum: Archaeological Survey and Testing of Portions of the Southeast High Speed Rail Corridor, Warren and Vance Counties, North Carolina: Ridgeway Section	Carmody, Michael, and Joseph R. Blondino

APPENDIX B: Direct APE Overview Map.

