

Jonathan Glenn

From: ePIX System <ePIX@dhr.virginia.gov>
Sent: Thursday, April 4, 2024 6:17 PM
To: Jonathan Glenn
Subject: Southeast Supply Enhancement Project (DHR File No. 2024-3645) | e-Mail #01262

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EXERCISE CAUTION: This is an External Email Message!

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Dear Jonathan Glenn:

Thank you for submitting your application through the ePIX system and requesting the comments of the Department of Historic Resources on the referenced project. Your application is being processed and our 30-day review period will start on the next business day after submission. You will be notified if your application is insufficient or if additional materials are required for our review.

You may view the submitted application and track our review of this project through your ePIX account under "My Projects" (<https://epix.dhr.virginia.gov>). When our review is complete, comments will be emailed to you and attached to the application in your ePIX account. No project activities that have the potential to impact historic properties should take place until the lead agency has provided a notice to proceed.

If you wish or are asked to submit additional materials in support of your application, documents must be submitted electronically to the appropriate reviewer. Submissions with a total size of less than 10mb may be submitted via email. Submissions larger than 10mb must be made through VITA's Large File Transfer Application (<https://lft.virginia.gov/>). Contact your reviewer for instructions.

Please reference the assigned DHR File Number on all future correspondence.

If you have any questions concerning the review process or if we may provide any further assistance, please do not hesitate to contact me. We look forward to working with you on this project.

Sincerely,

Roger Kirchen
Review and Compliance Division

[Print](#)

Create New Application

This electronic form is to be used for the submission of new projects only. If you wish to submit additional information in support of an existing project, please contact the reviewer assigned to that project.

Before using this form, please understand that the information being requested is important to our review. Incomplete information may lead to delays in the review of your project. Please read all questions carefully and respond as completely as possible. For security purposes, *your ePIX session will timeout after 20 minutes of inactivity* and any unsaved changes will be discarded. To ensure that no information is lost, we recommend saving your application after the completion of each section. If you have questions concerning the completion of this application, please contact DHR staff at ePIX@dhr.virginia.gov.

SECTION I. CONTACT INFORMATION

Mr. Jonathan Glenn
385 E. Waterfront Drive
Homestead, Pennsylvania 15120
4123995191

Submitted By j.glenn@gaiconsultants.com

Please indicate what your role in this project is:

Applicant Role Consultant tasked with initiating consultation

If Other, please specify

SECTION II. GENERAL PROJECT INFORMATION

Project Name Southeast Supply Enhancement Project

Agency Project Number

Associated DHR File Number

Project Street Address

Independent Cities and/or Counties (multiple cities/counties are allowed):

City/County Name
Pittsylvania

Town/Locality, if applicable

Agency Involvement

Please select one of the following options as they relate to the project you are submitting:

- ☒ My project involves a federal or state agency and requires review by DHR under the National Historic Preservation Act (Sections 106 or 110), Virginia Environmental Impact Reports Act or other provision of state or federal law.
- ☐ I am seeking Technical Assistance from DHR in the assessment of potential impacts of my project on historic resources (e.g. federal or state involvement anticipated, initial project scoping, local government proffer or ordinance).

It is important that you know the nature of the federal or state involvement in your project. Please note that there are a number of state-managed programs that are federally funded (e.g. Transportation Enhancement Grants, some recreational trail grant programs, and many DHCD programs). Understanding the involvement of the agency and the program is helpful for our review.

In some cases there are multiple agencies involved in a project. In these cases, there is generally a "lead" agency. In order to help clarify this, please list the agencies in the order of their involvement in the project. If, for example, there are two agencies providing funding, please provide the contact information for the primary source of federal funding first.

Please select the agency, relationship, contact and click the **Select** button:

Agency	Relationship
Federal Energy Regulatory Commission	Federally Permitted
Federal Energy Regulatory Commission	Federally Permitted

SECTION III. PROJECT DESCRIPTION and CURRENT AND PAST LAND USE

We need to know as much as possible about the project that is being proposed as well as the current condition of the property. In the fields below, you will be required to provide descriptions that are no longer than 2000 characters. Additional and more detailed information can be uploaded and attached at the end of the application.

Overview and existing conditions

Please provide a general description of the project.

The Project will include components in Virginia, North Carolina, South Carolina, Georgia, and Alabama, as described in the initial introductory letter dated January 31, 2024. The Project in Virginia will consist of the following components. Approximately 26.4 miles of 42-inch-diameter pipeline in Pittsylvania County, Virginia (VA) that will also extend an additional approximate 4.4 miles in Rockingham County, North Carolina, for a combined approximate 30.8 miles of pipeline designated as the Eden Loop. The addition of two [22,500 horsepower (HP) each] compressor units at Transco's existing Compressor Station 165 located in Pittsylvania County, Virginia. The use of existing, improved, and new access roads and contractor yards/staging areas would also be required for the Project. Additional ancillary facilities and piping, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection devices (e.g., pig) launchers and receivers

Project Description would be necessary to support the Project.

How many acres does the project encompass?

Number of Acres

Please describe the current condition and/or land use of the project area (e.g. paved parking lot, plowed field).

Rural setting, primarily agricultural, adjacent and overlapping an existing natural gas
Current Condition pipeline right-of-way.

Please describe any previous modifications to the property, including ground disturbance.

Construction of multiple natural gas pipelines, a compressor station, M&R facilities, and
Previous Modifications mainline valves.

Work involving buildings or structures

Does the project involve the rehabilitation, addition to, alteration, or demolition of any building structure over 50 years of age?

Buildings Over 50 YearsNo

If yes, please describe the work that is proposed in detail. Current photographs of affected building or structure, architectural or engineering drawings, project specifications and maps may be uploaded at the end of the application.

Details

Work involving ground disturbance

Is there any ground-disturbance that is part of this project?

Ground DisturbanceYes

If yes, describe the nature and horizontal extent of ground-disturbing activities, including construction, demolition, and other proposed disturbance. Plans, engineering drawings, and maps may be uploaded on the next page at the end of the application.

Approximately 26.4 miles of 42-inch-diameter pipeline in Pittsylvania County. The addition of two compressor units at Transco's existing Compressor Station 165 located in Pittsylvania County. The use of existing, improved, and new access roads and contractor yards/staging areas would also be required for the Project. Additional ancillary facilities and piping, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection devices (e.g., pig) launchers and receivers would be necessary to support the

Extent of Activities Project.

What is the depth of the ground disturbance? If there are several components to the project, such as new building, utility trenches, and parking facilities, provide the approximate depth of each component.

Depth Various

How large is the area where ground-disturbing activities will take place? (in acres)

Area Size 1,334

SECTION IV. AREA OF POTENTIAL EFFECT (APE)

The Area of Potential Effects (APE) is defined as the geographic area or areas within which a project may directly or indirectly cause changes in the character or use of historic properties, if they exist. It is not necessary for an historic property to be present in order to define an APE.

An example of a direct effect is the demolition of an historic building while an indirect effect would be the alteration of an historic setting resulting from the construction of a communications tower or the introduction of noise as the result of the construction of factory. An area such as the footprint of a proposed building is obviously within the APE, but you must also consider visual effects on the property and the limits of all ground-disturbing activity. So, any project may have two APEs - one for direct effects and one for indirect effects.

Please see our guidance on [Defining Your APE](#) for more detailed information on defining direct and indirect APEs. If you are using [DHR's Data Sharing System](#), you should indicate the APE on the DSS map. For instructions on how to do this, consult the [DSS general use guidelines](#).

Please provide a brief summary of and justification for the APE and upload your APE map at the end of the application. The written boundary description must match the submitted APE map.

The Area of Potential Effect (APE) for cultural resources has not been fully delineated because initial design of the proposed Project is still being refined. Wider Study Corridors are defined to accommodate final Project design. The APE for archaeological resources will include those areas that will be subject to ground disturbances related to construction of the Project. For Phase I archaeological survey, it is anticipated the archaeological Study Corridor (Figure 2) generally will be a 300-foot-wide corridor centered on the proposed pipeline with specific areas widened to accommodate extra workspaces, a 50-foot-wide corridor centered on proposed access roads, and the boundary of proposed contractor yards and facilities. A separate architectural Study Corridor (similar to survey corridors utilized on other nearby projects), generally will consist of a 450-foot-wide corridor centered on the proposed pipeline, a 50-foot-wide corridor centered on access roads, and a maximum 0.5-mile buffer around proposed aboveground Project components. Temporary contractor yards that do not involve tree clearing are assumed to not warrant a viewshed APE buffer, thus study will be limited to the boundary of the proposed contractor yard. Viewshed APE distances may be reduced, in consultation with the DHR, based on screening by vegetation and terrain and according to the height and type of facility being proposed for construction. Transco does not APE anticipate direct impacts to standing structures as a result of this Project.

SECTION V. CONSULTING PARTIES AND PUBLIC INVOLVEMENT

The views of the public, Indian tribes and other consulting parties (e.g. local governments, local historical societies, affected property owners, etc.) that may have an interest in historic properties that may be affected by the project are essential to informed decision-making. In some cases, the public involvement necessary for other environmental reviews such as that under the National Environmental Policy Act (NEPA) may be sufficient for the Section 106 process, but the manner in which the public is involved must reflect the nature and complexity of the proposed project and its effects on historic resources.

What consulting parties have you identified that have an interest in this project? Please describe your previous and future efforts to involve consulting parties.

A list of possible consulting parties is actively being updated, following FERC guidance, Consulting Parties including various agencies and Native American tribal organizations.

Please provide information on any previous or future efforts to involve the public, including public hearings, public notices, and other efforts.

Public Involvement Advertised public meetings are being held in different locations to present the Project.

SECTION VI. PREVIOUSLY IDENTIFIED HISTORIC RESOURCES

In order for this application to be considered complete, you must determine if there are any known historic resources in the APE and provide this information to us. This step is generally referred to as a DHR Archives Search. More information on how to acquire this information can be found in our guidance document [Obtaining an Archives Search](#).

Has any portion of the APE been previously surveyed for archaeological and/or architectural resources?

SurveysYes

If yes, describe and provide the names of any reports that you are aware of.

A summary table is included in the attached letter. BR-039, FQ-110, FV-016, PY-098, PY-Survey Reports 115, PY-118, PY-120, PY-129. PY-160, PY-163, PY-170, PY-173, PY-178, VA-065, WY-049.

Are there any previously recorded archaeological sites or architectural resources, including historic districts or battlefields within the APE?

Recorded ResourcesYes

You must upload in Section VIII of this application the Archives Search Map showing previously recorded resources in the APE and the DSS reports for all previously recorded resources.

SECTION VII. ADDITIONAL CONTACTS TO THE APPLICATION

Last Name	First Name	Organization
TBD	TBD	Federal Energy Regulatory Commission
Henry	Josh	
Jensen	Andrea	Federal Energy Regulatory Commission

SECTION VIII. UPLOAD FILES FOR THE APPLICATION

Document Name	File Name	Note
Other - Initial Consultation Letter	SSE - SHPO_VA Initial Consultation - 2024_04_04.pdf	Initial consultation letter includes a brief project description, a discussion of archaeological and architectural APEs, and project maps showing previously record cultural resources.



Transcontinental Gas Pipe Line Company, LLC
2800 Post Oak Boulevard (77056)
P.O. Box 1396
Houston, Texas 77251-1396
713-215-2000

April 4, 2024

Mr. Roger Kirchen
Director, Review & Compliance Division
Virginia Department of Historic Resources
2801 Kensington Avenue
Richmond, Virginia 23221

Re: Initial Consultation for Cultural Resources
Transcontinental Gas Pipe Line Company, LLC
Southeast Supply Enhancement Project
Pittsylvania County, Virginia

Dear Mr. Kirchen:

Transcontinental Gas Pipe Line Company, LLC. (Transco), indirectly owned by The Williams Companies, Inc. (Williams), is in the initial planning stages of the Southeast Supply Enhancement Project (Project). Transco is seeking authorization from the Federal Energy Regulatory Commission (FERC) under Section 7(c) of the Natural Gas Act to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide 1,586,900 dekatherms per day of incremental firm transportation capacity to meet growing natural gas-fired power generation, commercial, residential, and industrial demand in the mid-Atlantic and southeast United States.

Project Scope

The Project will include components in Virginia, North Carolina, South Carolina, Georgia, and Alabama (Figure 1), as described in the initial introductory letter dated January 31, 2024. The Project will include the following components in Virginia.

- Approximately 26.4 miles of 42-inch-diameter pipeline in Pittsylvania County, Virginia (VA) that will also extend an additional approximate 4.4 miles in Rockingham County, North Carolina, for a combined approximate 30.8 miles of pipeline designated as the Eden Loop.
- The addition of two [22,500 horsepower (HP) each] compressor units at Transco's existing Compressor Station 165 located in Pittsylvania County, Virginia.

The use of existing, improved, and new access roads and contractor yards/staging areas would also be required for the Project. Additional ancillary facilities and piping, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection devices (e.g., pig) launchers and receivers would be necessary to support the Project.

Transco expects to file an application with FERC in September 2024. Subject to FERC's certification of the Project and receipt of the necessary permits and authorizations, Transco anticipates that construction of the Project would commence in the first quarter of 2026 to meet a proposed in-service date of November 1, 2027.

Project Area of Potential Effect

The Area of Potential Effect (APE) for cultural resources has not been fully delineated because initial design of the proposed Project is still being refined. The proposed construction will primarily consist of installation of the pipeline (to be buried); however, the Project also includes expansion of existing Compressor Station 165 and minor aboveground components such as access roads, above ground valve sites, and temporary contractor yards. In consultation with the Virginia Department of Historic Resources (DHR), this will necessitate defining separate APEs for archaeological resources and historic architectural resources. As Project designs are finalized, these APEs will be more precisely established based on the proposed construction limit of disturbance (LOD). GAI Consultants, Inc.

(GAI) has been contracted to perform cultural resources studies within broader study corridors around the proposed Project to allow for adjustments in final Project design.

The APE for archaeological resources will include those areas that will be subject to ground disturbances related to construction of the Project. Historic architectural studies are anticipated to be limited to a maximum half-mile viewshed from the proposed compressor station expansion and where tree clearing along the proposed pipeline will alter historic landscapes or create a new viewshed around a historic property. Viewshed APE distances may be reduced, in consultation with the DHR, based on screening by vegetation and terrain and according to the height and type of facility being proposed for construction. Transco does not anticipate direct impacts to standing structures as a result of this Project.

Archaeological Field Methods

For Phase I archaeological survey, it is anticipated the archaeological Study Corridor (Figure 2) generally will be a 300-foot-wide corridor centered on the proposed Eden Loop pipeline with specific areas widened to accommodate extra workspaces, a 50-foot-wide corridor centered on proposed access roads, and the boundary of proposed contractor yards and facilities. The survey will be conducted to identify presence or absence of previously unrecorded archaeological deposits, assess the extent of known archaeological resources within the Project area, and establish preliminary National Register of Historic Places (NRHP) recommendations for sites located within the archaeological Study Corridor.

Areas with sufficient ground surface visibility will be studied via systematic pedestrian reconnaissance to collect artifacts exposed on the surface. In areas of poor ground surface visibility, subsurface testing will be conducted by excavation of shovel test pits (STPs) generally spaced at 15-meter (49-foot) intervals in transects spaced 15 meters (49 feet) apart. In areas where disturbance, poorly-drained soils, or hydric soils are evident in STP profiles, the interval between STPs may be increased to 30 meters (98 feet) or broader until encountering conditions that appear to possess higher archaeological potential. Each STP will measure at least 38 centimeters (15 inches) in diameter, and excavated soil will be screened through 6-millimeter (0.25-inch) mesh for systematic artifact recovery. If investigations encounter settings with a potential for deeply buried intact soils that may contain archaeological materials, we will consult with the DHR on the need and methods for deep testing, if required. If artifacts are encountered in only one STP, closer interval STPs will be placed in a cruciform pattern to assess if the artifact find is an isolated find or a low-density site. Broader assemblages will be investigated with radial STPs around the outside to refine the site boundary and sampling will not concentrate on the interior of the site, although some additional portions of the site interior may be sampled at closer intervals to help assess site significance.

We assume that steep slopes (over 15 percent grade), the existing Transco pipeline right-of-way (containing three to four existing pipelines), areas of obvious prior disturbance, developed areas, and consistently water-inundated areas possess low potential and will not require shovel testing. Further, long sections of the proposed archaeological Study Corridor have been previously studied during numerous modern archaeological surveys for other pipeline projects (Figure 2; Table 1). Generally, these areas will not warrant archaeological survey again for the current Project. In areas where the currently proposed Study Corridor extends less than 7.5 meters (25 feet) beyond the previous survey boundaries and there are no previously defined unevaluated archaeological sites, it is proposed that no shovel testing is required within those narrow slivers of new Study Corridor.

As noted in Table 1 below, the Hopewell Solar project (DHR# 2023-4187) overlaps the current Project. That previous study conducted archaeological sampling according to modeling archaeological potential employed for large solar projects. The report indicates that all areas were subjected to visual reconnaissance, each portion with sufficient ground surface visibility was subjected to systematic pedestrian survey, and select portions of other areas were sampled with STPs according to the DHR approved testing strategy. We assume this boundary has been sufficiently studied and does not warrant additional archaeological survey for the current Project.

Table 1. Previous Archaeological Surveys Crossed by the Study Corridor

DHR Report Number	DHR Report Title	Report Author	Author Affiliation	Report Year	DHR Project Review Number
BR-039	Phase I Cultural Resources Investigation Virginia Southside Expansion Project, Brunswick, Charlotte, Halifax, Mecklenburg, and Pittsylvania Counties, Virginia	Jonathan Glenn, Richard Duncan, Barbara Munford, Lori Frye, Michael Kenneally, Tegan Baiocchi	GAI	2012	2012-0604

DHR Report Number	DHR Report Title	Report Author	Author Affiliation	Report Year	DHR Project Review Number
FQ-110	Phase I Cultural Resource Identification Survey, Southeastern Trail Project, Fauquier, Pittsylvania, and Prince William Counties, Virginia	James N. Ambrosino, Kimberly Hinder, Meg Stack, Erin McKendry	CARDNO	2018	2018-0093
FV-016	Phase I Archaeological Survey of the Proposed Mid-Atlantic Connector Expansion Project, Prince William and Fairfax Counties, Virginia and Phase I Cultural Resources Survey of Two Compressor Station Expansion Sites, Fluvanna and Pittsylvania County, Virginia	Thomas Fugate, Brad McDonald, Lena Sweeten McDonald	G&P	2010	2010-0624
PY-098	Addendum Report 1, Compressor Station 166, Pittsylvania County, Phase I Cultural Resources Survey, Virginia Southside Expansion Project	Jonathan Glen	GAI	2013	2012-0604
PY-115	Mountain Valley Pipeline Project, Phase Ib Archaeological Survey Report, Addendum I, Pittsylvania County, Virginia	Stuart A. Reeve, Sydne B. Marshall, Robert M. Jacoby	TETRA TECH	2016	2014-1194
PY-118	Mountain Valley Pipeline Project, Phase Ib Archaeological Survey Report, Addendum 2, and Phase II Archaeological Evaluation, Site 44PY0442, Pittsylvania County, Virginia	Stuart A. Reeve, Robert M. Jacoby, Sydne B. Marshall	TETRA TECH	2016	2014-1194
PY-120	A Phase I Archaeological Survey of a Proposed Access Road and Two Tap Site Locations Near Compressor Station 165 Located in Pittsylvania County, Virginia	Hannah R. LeBon, Benjamin M. Lipke	APOGEE	2017	2018-0104
PY-129	Addendum 1: Phase I Archaeological Survey for the MVP Southgate Project, Pittsylvania County, Virginia	Jeff Johnson	TRC	2019	2018-3545
PY-160	Phase IB Cultural Resource Survey Gen-Tie 2.5-mile Transmission Line, Pittsylvania County, Virginia	Erin Cagney, John Bedell	WSP	2021	2021-0156
PY-163	Phase I Cultural Resource Survey of the ±504 Hectare (±1,246 Acre) Berry Hill Solar Project Area, Pittsylvania County, Virginia	Hope Smith, Robert J. Taylor, Jr., Dara Friedberg	DUTTON	2021	2021-0156
PY-170	Phase I Cultural Resources Investigation, Berry Hill Energy Connection Project, Pittsylvania County, Virginia	Lee J. Arco, Brent E. Shreckengost	GAI	2020	2020-0606
PY-173	Addendum 1: Phase I Cultural Resources Investigation, Berry Hill Energy Connection Project, Pittsylvania County, Virginia	William J. Caramana, Brent E. Shreckengost	GAI	2022	2020-0606
PY-178	Phase I Cultural Resource Survey of the ±871-Hectare (±2,153-Acre) Hopewell Solar Project Area, Pittsylvania County, Virginia	Hope Smith, Robert J. Taylor, Jr., Dara Friedberg	DUTTON	2023	2023-4187
VA-065	Cultural Resource Survey, Potomac Expansion Project, Pittsylvania Loop, Campbell Loop, and Fairfax Replacement, Pittsylvania, Campbell, and Fairfax Counties, Virginia	Kay Simpson, Eric Voigt, Martha Bowers, Megan Rupnik, Brad Duplantis, Edward Moore, John Mullin, Tracey Jones	BERGER	2006	2005-1644
WY-049	Cultural Resources Survey of Proposed Reroutes, Access Roads, and Work Areas, Patriot Extension Natural Gas Pipeline, Wythe, Carroll, Floyd, Patrick, and Henry Counties, Virginia	Michael K. O'Neal	BROCKINGTON	2004	2001-0676

Historical Architecture Field Methods

For architectural and historical resources, GAI will conduct a reconnaissance-level field examination to assess potential impacts to historical structures along the pipeline corridor (if required by the DHR), as well as within the viewshed around the compressor station expansion. In general, visual impacts would be limited to aboveground structures, and to properties crossed by the pipeline or immediately adjacent to tree clearing along the proposed right-of-way. A separate architectural Study Corridor will be established for field surveys (Figure 2). Similar to survey corridors utilized on other nearby projects, the architectural Study Corridor for the current Project generally will consist of a 450-foot-wide corridor centered on the proposed pipeline, a 50-foot-wide corridor centered on access roads, and a maximum 0.5-mile buffer around proposed aboveground Project components. Temporary contractor yards that do not involve tree clearing are assumed to not warrant a viewshed APE buffer, thus study will be limited to the boundary of the proposed contractor yard.

It is assumed that the viewshed APE will not extend beyond 0.5-mile from planned aboveground Project facilities and tree clearing and may be reduced in size based on viewshed analysis and/or in-field observations. The architectural reconnaissance will serve to identify buildings, objects, and structures within the architectural Study Corridor that are 50 years of age or older. The architectural reconnaissance will consist of photographing each resource, recording basic architectural elements and condition, and marking locations of identified resources on Project mapping. Access to resources will be limited to public rights-of-way or the Project Study Corridor, and no documentation of building interiors will be conducted at this stage of study. Nearby surveys for other projects have previously recorded numerous architectural resources in the vicinity. We assume that architectural resources recorded within the past 5 years will not require survey again; however, possible impacts by the Project will still be assessed.

Previously Recorded Cultural Resources

Based on DHR records, there are 37 previously recorded archaeological sites and one archaeological district within the archaeological Study Corridor (Table 2). Of these sites, 19 are previously determined not eligible for the NRHP, 4 are potentially eligible for the NRHP, 3 are determined eligible for the NRHP, and 11 are considered unevaluated. The archaeological district also has not been evaluated for eligibility for listing in the NRHP. The sites consist of a variety of types, including 16 artifact scatters (7 precontact, 8 historic-era, 1 precontact/historic-era), 7 camps (6 precontact, 1 historic-era), 5 dwellings, 5 farmsteads, and 4 cemeteries. Some of these sites contain both precontact and historic-era components.

The DHR records indicate there are 74 architectural resources that are crossed by the architectural Study Corridor (Table 3). Of these, 58 are previously determined not eligible for the NRHP, 3 are potentially eligible for the NRHP, 2 are determined eligible for the NRHP, 3 were previously considered eligible due to lack of access at the time of that previous survey, 2 are listed in the NRHP, and 6 are considered unevaluated.

Table 2. Previously Recorded Archaeological Sites Crossed by the Study Corridor

DHR ID	Site Types	Time Periods	Evaluation Status
44PY0258	Trash scatter	19th Century: 2nd half (1850 - 1899), 20th Century: 1st half (1900 - 1949)	DHR Staff: Not Eligible
44PY0259	Camp, temporary	Late Archaic (3000 - 1201 B.C.)	DHR Staff: Not Eligible
44PY0260	Dwelling, single	Precontact/Unknown (15000 B.C. - 1606 A.D.), 19th Century: 4th quarter (1875 - 1899), 20th Century: 1st quarter (1900 - 1924)	DHR Staff: Eligible
44PY0261	Artifact scatter, Trash scatter	World War I to World War II (1917 - 1945), The New Dominion (1946 - 1991)	DHR Staff: Not Eligible
44PY0262	Camp, temporary	Woodland (1200 B.C. - 1606 A.D.)	DHR Staff: Not Eligible
44PY0263	Trash scatter	19th Century: 1st half (1800 - 1849)	DHR Staff: Not Eligible
44PY0264	Camp, temporary	Precontact/Unknown (15000 B.C. - 1606 A.D.)	DHR Staff: Not Eligible
44PY0265	Camp, temporary	Precontact/Unknown (15000 B.C. - 1606 A.D.)	DHR Staff: Not Eligible
44PY0266	Trash scatter	Historic/Unknown	DHR Staff: Not Eligible
44PY0267	Trash scatter	19th Century: 2nd half (1850 - 1899), 20th Century: 1st quarter (1900 - 1924)	DHR Staff: Not Eligible
44PY0268	Lithic scatter	Precontact/Unknown (15000 B.C. - 1606 A.D.)	DHR Staff: Not Eligible
44PY0270	Camp	Early Woodland (1200 B.C.E - 299 C.E), Middle Woodland (300 - 999 C.E), Late Woodland (1000 - 1606)	DHR Staff: Potentially Eligible
44PY0271	Camp, temporary	Pre-Contact	DHR Staff: Not Eligible

DHR ID	Site Types	Time Periods	Evaluation Status
44PY0274	Cemetery	Indeterminate	DHR Staff: Eligible
44PY0275	Cemetery	Early National Period (1790 - 1829), Antebellum Period (1830 - 1860)	Not indicated; assumed unevaluated
44PY0278	Camp	Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945), The New Dominion (1946 - 1991), Post Cold War (1992 - Present)	DHR Staff: Not Eligible
44PY0279	Lithic scatter	Woodland (1200 B.C. - 1606 A.D.)	Not indicated; assumed unevaluated
44PY0280	Dwelling, single	Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945), The New Dominion (1946 - 1991)	Not indicated; assumed unevaluated
44PY0283	Cemetery	20th Century (1900 - 1999)	Not indicated; assumed unevaluated
44PY0284	Cemetery	Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945), The New Dominion (1946 - 1991)	Not indicated; assumed unevaluated
44PY0329	Dwelling, single	Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945), The New Dominion (1946 - 1991), Post Cold War (1992 - Present)	DHR Staff: Not Eligible
44PY0359	Lithic scatter	Early Archaic Period (8500 - 6501 B.C.), Middle Archaic Period (6500 - 3001 B.C.), Late Archaic Period (3000 - 1201 B.C.)	DHR Evaluation Committee: Not Eligible
44PY0371	Artifact scatter	Civil War (1861 - 1865), Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945)	DHR Evaluation Committee: Not Eligible
44PY0374	Dwelling, single, Lithic scatter	Pre-Contact, Antebellum Period (1830 - 1860), Civil War (1861 - 1865), Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945), The New Dominion (1946 - 1991)	DHR Staff: Potentially Eligible
44PY0375	Farmstead, Lithic scatter, Trash scatter	Pre-Contact, Early National Period (1790 - 1829), Antebellum Period (1830 - 1860), Civil War (1861 - 1865), Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945), The New Dominion (1946 - 1991)	DHR Staff: Potentially Eligible
44PY0377	Artifact scatter	Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945)	DHR Evaluation Committee: Not Eligible
44PY0449	Artifact scatter	Early Woodland (1200 B.C.E - 299 C.E), Middle Woodland (300 - 999 C.E), Late Woodland (1000 - 1606)	DHR Evaluation Committee: Eligible
44PY0451	Artifact scatter, Farmstead	Early Archaic Period (8500 - 6501 B.C.E), Antebellum Period (1830 - 1860), Civil War (1861 - 1865), Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945), The New Dominion (1946 - 1991)	DHR Staff: Not Eligible
44PY0453	Artifact scatter	Pre-Contact, World War I to World War II (1917 - 1945), The New Dominion (1946 - 1991)	Not indicated; assumed unevaluated
44PY0454	Farmstead	Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945), The New Dominion (1946 - 1991)	Not indicated; assumed unevaluated
44PY0455	Farmstead	Civil War (1861 - 1865), Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945)	DHR Staff: Potentially Eligible
44PY0458	Artifact scatter	Pre-Contact	Not indicated; assumed unevaluated
44PY0473	Lithic scatter	Pre-Contact	DHR Staff: Not Eligible
44PY0474	Lithic scatter	Pre-Contact	DHR Staff: Not Eligible
44PY0487	Artifact scatter	The New Dominion (1946 - 1991)	Not indicated; assumed unevaluated
44PY0497	Dwelling, single	Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945)	Not indicated; assumed unevaluated
44PY0627	Other	Pre-Contact, Early Archaic Period (8500 - 6501 B.C.E), Middle Archaic Period (6500 - 3001 B.C.E), Late Archaic Period (3000 - 1201 B.C.E), Contact Period (1607 - 1750), Colony to Nation (1751 - 1789), Early National Period (1790 - 1829), Antebellum Period (1830 - 1860), Civil War (1861 - 1865), Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945), The New Dominion (1946 - 1991)	Not indicated; assumed unevaluated
44PY0690	Farmstead	Reconstruction and Growth (1866 - 1916), World War I to World War II (1917 - 1945), The New Dominion (1946 - 1991)	Not indicated; assumed unevaluated

Table 3. Previously Recorded Architectural Resources Crossed by the Study Corridor

DHR ID	Property Names	Property Addresses	Evaluation Status
071-0004	Belle Grove (Current Name), Bellegrove (Alternate Spelling), Tunstall House (Historic)	1241 Fairview Road - Alt Route 703	DHR Staff: Potentially Eligible
071-0025	Mountain View (NRHP Listing)	741 Tight Squeeze Road - Alt Route 703	Listed: NRHP & Virginia Landmarks Register
071-0036	Little Cherrystone (NRHP Listing), Wooding House (Historic/Current)	220 Fairview Road North - Alt Route 703	Listed: NRHP & Virginia Landmarks Register
071-0137	Game Reserve, Chatham (Function/Location), White Oak Mountain Wildlife Management Area (Historic)	Game Reserve Road - Alt Route 706	Not indicated; assumed unevaluated
071-5208	House, 8020 Franklin Turnpike (Function/Location)	8020 Franklin Turnpike	DHR Staff: Not Eligible
071-5209	House, 7956 Franklin Turnpike (Function/Location)	7956 Franklin Turnpike	DHR Staff: Not Eligible
071-5210	House, 677 Tobacco Road (Function/Location)	677 Tobacco Road	DHR Staff: Not Eligible
071-5211	Abandoned Farm, Hylton Lane (Function/Location)	Hylton Lane	DHR Staff: Not Eligible
071-5212	Worely Farmstead, 388 White Oak Circle (Historic/Location)	388 White Oak Circle, State Route 836	DHR Staff: Eligible
071-5216	House, Route 868 (Function/Location)	Route 868	Not indicated; assumed unevaluated
071-5217	Farm, 1200 Silver Creek Road (Function/Location)	1200 Silver Creek Road, Route 868	DHR Staff: Considered Eligible for Environmental Review purposes only
071-5218	House, 920 Silver Creek Road (Route 868) (Function/Location)	920 Silver Creek Road - Alt Route 868	DHR Staff: Not Eligible
071-5219	Barn, 5400 Route 750 (Function/Location)	5400 Route 750, 5400 Whitmell School Road	DHR Staff: Not Eligible
071-5221	Farm, 1101 Hopewell Road (Function/Location)	1101 Hopewell Road, Route 834	DHR Staff: Not Eligible
071-5223	Jones/Keen Cemetery (Descriptive)	Route 868	Not indicated; assumed unevaluated
071-5224	Cemetery, 924 Silver Creek Road (Route 868) (Function/Location), Fulton Cemetery (Current Name)	924 Silver Creek Road - Alt Route 868	DHR Staff: Not Eligible
071-5225	Wells Cemetery (Historic)	Mt. Cross Road - Alt Route 844	DHR Staff: Not Eligible
071-5226	Cemetery, West of Route 865 (Function/Location)	Hutson Rd, Route 865	DHR Staff: Not Eligible
071-5227	Wallor Cemetery (Historic)	Harpers Dairy Road - Alt Route 41	DHR Staff: Eligible
071-5228	Ruins, Oak Hill Road, SW (Function/Location)	Oak Hill Road SW	DHR Staff: Not Eligible
071-5313	Building Sets 12 and 13 (Descriptive), Farmstead, Berry Hill Rd (Rt 863) (Function/Location)	Berry Hill Road - Alt Route 863	DHR Staff: Not Eligible
071-5333	Farmstead, Oak Hill Rd (Rt 862) (Function/Location)	Oak Hill Road - Alt Route 862	DHR Staff: Not Eligible
071-5413	Farm, 1551 Transco Rd (Rt 692) (Function/Location), Jones Farm (Current Name)	1551 Transco Road - Alt Route 692	DHR Staff: Considered eligible for Environmental Review purposes only
071-5524	Compressor Station, 945 Transco Road (Function/Location), Transco Transfer Station No. 165 (Current Name)	945 Transco Road - Alt Route 692	DHR Staff: Not Eligible
071-5525	Cemetery, 1271 Transco Road (Route 692) (Function/Location)	1271 Transco Road - Alt Route 692	DHR Staff: Not Eligible
071-5526	Gafford House Ruins, 1271 Transco Road (Route 692) (Function/Location)	1271 Transco Road - Alt Route 692	DHR Staff: Not Eligible
071-5544	Farm, 950 Transco Road (Function/Location)	950 Transco Road - Alt Route 692	DHR Staff: Considered eligible for Environmental Review purposes only
071-5545	Single Dwelling, 873 Transco Road (Function/Location)	873 Transco Road - Alt Route 692	DHR Staff: Not Eligible

DHR ID	Property Names	Property Addresses	Evaluation Status
071-5546	Farm, 766 Transco Road (Function/Location)	766 Transco Road - Alt Route 692	DHR Staff: Not Eligible
071-5547	Single Dwelling, 696 Transco Road (Function/Location)	696 Transco Road - Alt Route 692	DHR Staff: Not Eligible
071-5548	Single Dwelling, 629 Transco Road (Function/Location)	629 Transco Road - Alt Route 692	DHR Staff: Not Eligible
071-5549	Single Dwelling, 600 Transco Road (Function/Location)	600 Transco Road - Alt Route 692	DHR Staff: Not Eligible
071-5550	Single Dwelling, 597 Transco Road (Function/Location)	597 Transco Road - Alt Route 692	DHR Staff: Not Eligible
071-5551	Single Dwelling, 412 Transco Road (Function/Location)	412 Transco Road - Alt Route 692	DHR Staff: Not Eligible
071-5566	Farmstead, Sandy Creek Road (Function/Location)	Sandy Creek Road	DHR Staff: Not Eligible
071-5567	Farmstead, 2441 Halifax Road (Function/Location)	2441 Halifax Road	DHR Staff: Not Eligible
071-5568	Single Dwelling, 2396 Halifax Road (Function/Location)	2396 Halifax Road	DHR Staff: Not Eligible
071-5569	Farmstead, 2160 Halifax Road (Function/Location)	2160 Halifax Road, 2172 Halifax Road	DHR Staff: Not Eligible
071-5570	Farmstead, 900 Meaddock Lane (Function/Location)	900 Meaddock Lane	DHR Staff: Not Eligible
071-5571	Farmstead, 556 Batterman Lane (Function/Location)	556 Batterman Lane	DHR Staff: Not Eligible
071-5574	Farmstead, 269 Vanderhyde Dairy Road (Function/Location), Vanderhyde Dairy Incorporated (Current Name)	269 Vanderhyde Dairy Road	DHR Staff: Not Eligible
071-5575	Single Dwelling, 1048 Fairview Road (Function/Location)	1048 Fairview Road	DHR Staff: Not Eligible
071-5577	Single Dwelling, 852 Fairview Road (Function/Location)	852 Fairview Road	DHR Staff: Not Eligible
071-5578	Farmstead, 796 Woodlawn Academy Road (Function/Location)	796 Woodlawn Academy Road	DHR Staff: Not Eligible
071-5579	Banister Springs Primitive Baptist Church (Historic), Church, 13300 US Highway 29 (Function/Location)	13300 US Highway 29	DHR Staff: Not Eligible
071-5581	Farmstead, 12957 US Highway 29 (Function/Location)	12957 US Highway 29	DHR Staff: Not Eligible
071-5583	Farmstead, 2561 Dry Fork Road (Function/Location)	2533 Dry Ford Road, 2561 Dry Fork Road	DHR Staff: Not Eligible
071-5584	Farmstead, 787 Hylton Lane (Function/Location)	787 Hylton Lane	DHR Staff: Not Eligible
071-5592	Farmstead, Off Hutson Road (Function/Location)	Hutson Road	DHR Staff: Not Eligible
071-5593	Cemetery, Horseshoe Road (Function/Location), Hyler Family Cemetery (Alleged)	Horseshoe Road	DHR Staff: Not Eligible
071-5594	Farmstead, 365 West Withers Road (Function/Location)	365 Withers Road West	DHR Staff: Not Eligible
071-5595	Farmstead, 488 West Withers Road (Function/Location)	488 Withers Road West	DHR Staff: Not Eligible
071-5597	Single Dwelling, 649 Tobacco Road (Function/Location)	649 Tobacco Road	DHR Staff: Not Eligible
071-5598	Railroad, Off Berry Hill Road (Function/Location)	off Berry Hill Road	DHR Staff: Potentially Eligible
071-5599	Single Dwelling, 660 Tobacco Road (Function/Location)	660 Tobacco Road	DHR Staff: Not Eligible
071-5600	Farmstead, Off Hopewell Road (Function/Location)	Hopewell Road	DHR Staff: Not Eligible
071-5602	Farmhouse, 4252 Stony Mill Road (Function/Location)	4252 Stony Mill Road	DHR Staff: Not Eligible
071-5603	58 West Auto Auction (Current Name), Commercial Building, 9580 Martinsville Highway (Function/Location)	9580 Martinsville Highway	DHR Staff: Not Eligible
071-5604	Barns, Cedar Spring Road (Function/Location)	Cedar Spring Road	DHR Staff: Not Eligible

DHR ID	Property Names	Property Addresses	Evaluation Status
071-5613	Farmstead, 1429 Silver Creek Road (Function/Location)	1429 Silver Creek Road	DHR Staff: Not Eligible
071-5615	Single Dwelling, 764 Silver Creek Road (Function/Location)	764 Silver Creek Road	DHR Staff: Not Eligible
071-5618	Farmstead, 2160 Halifax Road (Function/Location)	2160 Halifax Road	DHR Staff: Not Eligible
071-5619	Log Ruin, 3776 Horseshoe Road (Function/Location)	3776 Horseshoe Road	DHR Staff: Not Eligible
071-5621	Cemetery, Off Pine Lake Road (Function/Location)	Pine Lake Road	DHR Staff: Not Eligible
071-5622	Cemetery, Off Tobacco Road (Function/Location)	Tobacco Road	DHR Staff: Not Eligible
071-5623	Cemetery, Off Hutson Road (Function/Location)	Hutson Road	DHR Staff: Not Eligible
071-5718	House, 153 Mill Road (Function/Location)	153 Mill Road	DHR Staff: Not Eligible
071-5720	Farm, Tobacco Road (Function/Location)	Tobacco Road	DHR Staff: Potentially Eligible
071-5723	House, 7728 Mount Cross Road (Function/Location)	7728 Mount Cross Road	DHR Staff: Not Eligible
071-5725	Farmstead, 801 Cedar Spring Road (Function/Location)	801 Cedar Spring Road	DHR Staff: Not Eligible
071-5728	Farmstead, N. Side of Pine Lake Road (Function/Location)	N. Side of Pine Lake Road	DHR Staff: Not Eligible
071-6468	Farm, off Tobacco Road (Function/Location)	Tobacco Road	Not indicated; assumed unevaluated
071-6470	Farm, off Tobacco Road (Function/Location)	Tobacco Road	Not indicated; assumed unevaluated
071-6471	Ben Carter Cemetery (Descriptive), Cemetery, off Hopewell Road (Function/Location)	Hopewell Road	Not indicated; assumed unevaluated

Conclusions

Based on the information presented in this letter, Transco would appreciate your review and comments regarding the proposed methods and potential for the Project to affect archaeological or historic architectural resources. Please confirm that the proposed testing strategy presented above is acceptable. A Project overview map (Figure 1) and a map of the Project location in Virginia (Figure 2) are attached. We look forward to your involvement in the review of this important Project and appreciate your cooperation.

If you have any questions or require additional information, please contact Josh Henry at 412-713-0485 or via email at Josh.Henry@williams.com. Alternatively, you can contact Jonathan Glenn of GAI Consultants, Inc., at 412-399-5191 or via e-mail at j.glenn@gaiconsultants.com. Thank you for your continued consideration.

Sincerely,

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

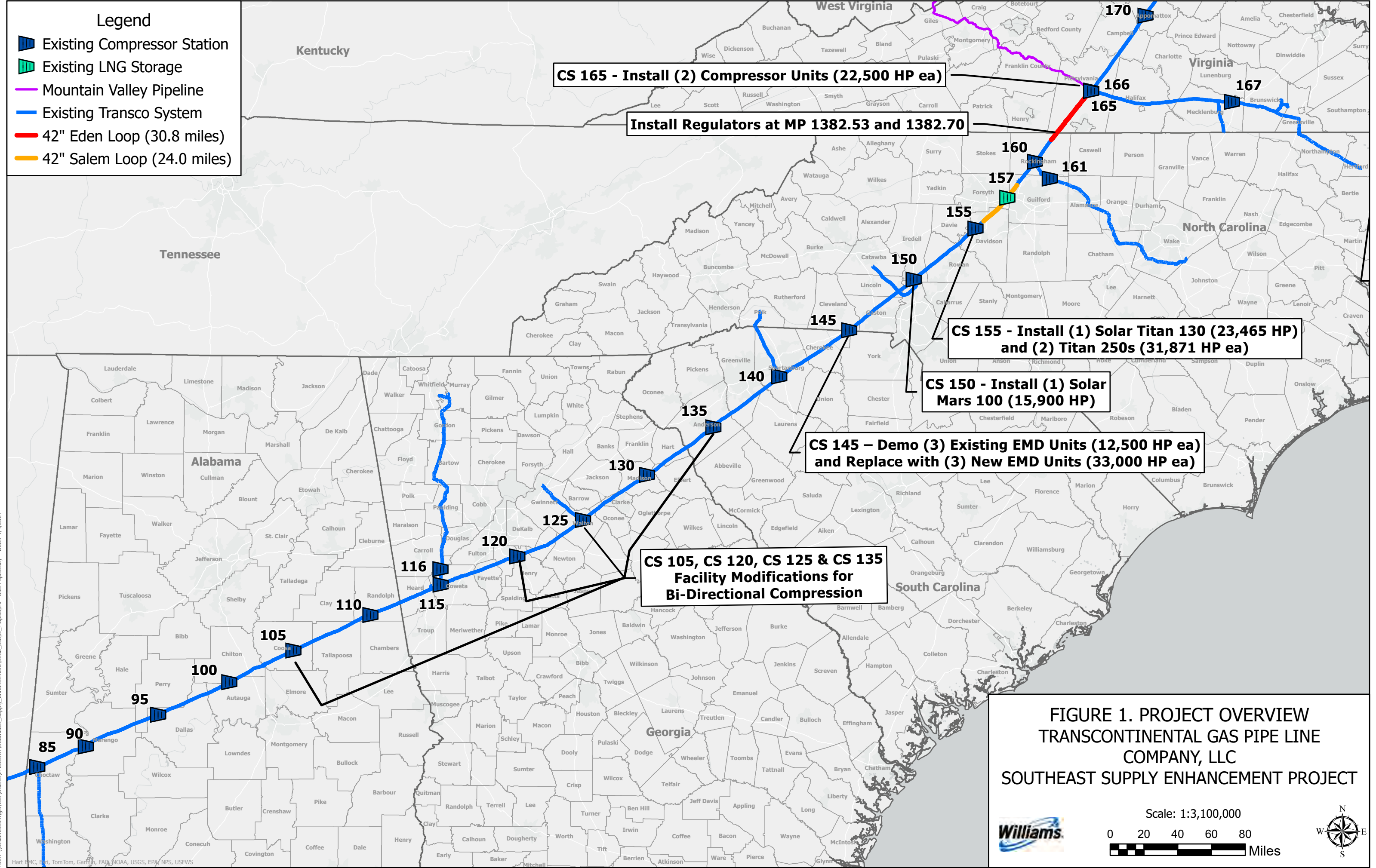


Josh Henry
Environmental Specialist

Attachments: Figure 1. Project Overview
Figure 2. Project Location in Virginia

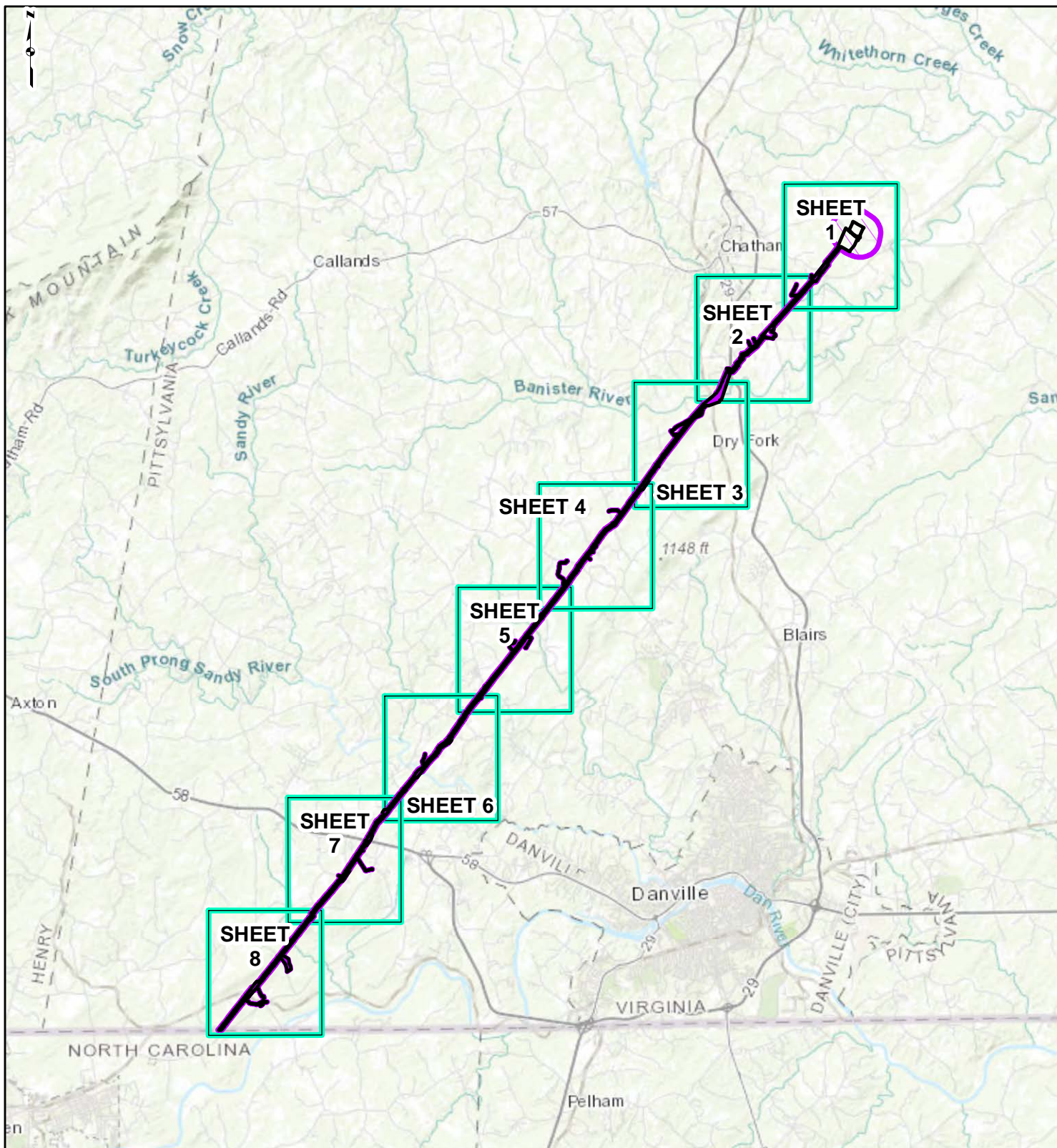
Attachment 1

Figure 1. Project Overview

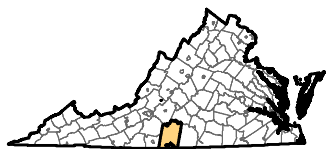


Attachment 2

Figure 2. Project Location in Virginia



PROJECT LOCATION



PITTSYLVANIA COUNTY,
VIRGINIA

LEGEND

- Archaeological Study Corridor
- Architectural Study Corridor
- Sheet Index

0 1.75 3.5 7 Miles

FIGURE 2 PROJECT LOCATION IN VIRGINIA SHEET INDEX



SOUTHEAST SUPPLY
ENHANCEMENT PROJECT
TRANSCONTINENTAL GAS
PIPE LINE COMPANY, LLC



DRAWN BY: AJW
CHECKED: TDB

DATE: 3/27/2024
APPROVED: JG

REFERENCE: WORLD TOPOGRAPHIC MAP, OBTAINED VIA ESRI ARCGIS BASEMAP SERVICES, ACCESSED 03/2024.

Individual maps sheets are privileged and redacted



Transcontinental Gas Pipe Line Company, LLC
2800 Post Oak Boulevard (77056)
P.O. Box 1396
Houston, Texas 77251-1396
713-215-2000

October 28, 2024

Mr. Roger Kirchen
Director, Review & Compliance Division
Virginia Department of Historic Resources
2801 Kensington Avenue
Richmond, Virginia 23221

Re: DHR ID# 2024-3645
Phase I Archaeological Investigation Report and Architectural and Historical Resources Investigation Report
Transcontinental Gas Pipe Line Company, LLC
Southeast Supply Enhancement Project
Pittsylvania County, Virginia

Dear Mr. Kirchen:

Transcontinental Gas Pipe Line Company, LLC (Transco), an indirect, wholly owned subsidiary of The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Sections 7(b) and 7(c) of the Natural Gas Act for appropriate abandonment authority and a certificate of public convenience and necessity (Certificate) to construct, own, operate, and maintain the proposed Southeast Supply Enhancement Project facilities. The overall Project includes components in Virginia, North Carolina, South Carolina, Georgia, and Alabama. The Project specifically in Virginia will include the following.

- Approximately 26.4 miles of 42-inch-diameter pipeline in Pittsylvania County, Virginia that will also extend an additional approximate 4.4 miles into Rockingham County, North Carolina, for a combined approximate 30.8 miles of pipeline designated as the Eden Loop.
- The addition of two [33,000 horsepower each] electric motor-driven compressor units at Transco's existing Compressor Station 165 located in Pittsylvania County, Virginia.
- The use of existing, improved, and new access roads, and contractor yards, as well as construction of ancillary facilities and piping, such as MLVs, cathodic protection, communication facilities, and internal inspection devices (e.g., pig launchers and receivers) will be necessary to support the Project.

Subject to FERC's certification of the Project and receipt of other necessary permits and authorizations, Transco anticipates that construction of the Project would commence in the third quarter of 2026 to meet a proposed in-service date of November 1, 2027.

GAI Consultants, Inc. was contracted to perform cultural resources studies to fulfill the FERC requirements. Field surveys and reporting have been completed for the current Project design; however, alternatives are being considered and addendum reports are anticipated. Enclosed, for your review, are the following items.

1. Hardcopy Report: *Phase I Archaeological Investigation, Transcontinental Gas Pipe Line Company, LLC, Southeast Supply Enhancement Project, Pittsylvania County, Virginia.*
2. Hardcopy Report: *Architectural and Historical Resources Investigation, Transcontinental Gas Pipe Line Company, LLC, Southeast Supply Enhancement Project, Pittsylvania County, Virginia.*
3. Hardcopy: *VDHR Architectural Survey Forms*, with printed photographs.
4. Hardcopy: *Virginia Unanticipated Discovery Plan for Cultural Resources and Human Remains (UDP).*
5. Flash Drive: Digital PDF format archaeological report, and digital PDF format UDP.
6. Flash Drive: Digital PDF format architectural and historical resources report, and digital PDF format architectural survey forms.

Based on the information presented in the enclosed documents, Transco would appreciate your review, comments, and concurrence regarding the proposed conclusions and recommendations related to potential for the Project to affect archaeological or architectural and historical resources. We look forward to your involvement in continuing the review of this important Project and appreciate your cooperation.

If you have any questions or require additional information, please contact Josh Henry at 412-713-0485 or via email at Josh.Henry@williams.com. Alternatively, you can contact Jonathan Glenn of GAI Consultants, Inc., at 412-399-5191 or via e-mail at j.glenn@gaiconsultants.com. Thank you for your continued consideration.

Josh Henry
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Jonathan Glenn
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385 East Waterfront Drive
Homestead, Pennsylvania 15120
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j.glenn@gaiconsultants.com

Sincerely,

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC



Josh Henry
Environmental Specialist

Enclosures