

APPENDIX 4-A

Cultural Resources Correspondence

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Pennsylvania State Historic Preservation Office

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Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

January 18, 2022

Jonathan Glenn
GAI Consultants, Inc.
385 E Waterfront Dr.
Homestead PA 151205070

RE: ER Project # 2021PR06517.007, Ohio Valley Connector Expansion Project, Federal Energy Regulatory Commission, Jackson Township, Greene County

Dear Jonathan Glenn:

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Archaeological Resources

No Archaeological Concerns - Environmental Review - Negative Survey Report/Negative Survey Form

This report meets our standards and specifications as outlined in Guidelines for Archaeological Investigations in Pennsylvania (SHPO 2021) and the Secretary of the Interior's Guidelines for Archaeological Documentation. We agree with the recommendations of this report, and in our opinion, no further archaeological work is necessary for this project. If project plans should change and/or you should be made aware of historic property concerns, please reinitiate consultation with our office using PA-SHARE.

For questions concerning archaeological resources, please contact Justin McKeel at jusmckeel@pa.gov.

Sincerely,

Emma Diehl
Environmental Review Division Manager



Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

January 18, 2022

Jonathan Glenn
GAI Consultants, Inc.
385 E Waterfront Dr.
Homestead PA 151205070

RE: ER Project # 2021PR06517.008, Ohio Valley Connector Expansion Project, Federal Energy Regulatory Commission, Jackson Township, Greene County

Dear Jonathan Glenn:

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Archaeological Resources

SHPO Sends Comments - Environmental Review - SHPO Sends Archaeo Comments

Thank you for providing the Plan for Unanticipated Discoveries of Cultural Resources and Human Remains document for our review and comment. We concur with the proposed plan. Please add Justin McKeel, Archaeological Resources Environmental Review Specialist, as the primary contact for the PA SHPO in the event of unanticipated discoveries. Contact by phone at (717) 783-9900 or by email at jusmckeel@pa.gov. You do not need to re-submit the unanticipated discoveries plan for our review and comment with this revision.

For questions concerning archaeological resources, please contact Justin McKeel at jusmckeel@pa.gov.

Sincerely,

Emma Diehl
Environmental Review Division Manager

My Submissions

REFRESH LIST

DRAFT INSUFFICIENT SUBMITTED PROCESSED

Project Type	Token	Type	Status	Date Received	Project Name	Submitter Name
Environmental Review	22BNC9YFD6PG	Unrequested	Completed	1/13/22	Ohio Valley Connector Exp...	Jonathan Glenn

Submissions: 1

Plan for Unanticipated Discoveries of Cultural Resources and Human Remains

Equitrans, L.P.
Ohio Valley Connector Expansion Project
Wetzel County, West Virginia,
Greene County, Pennsylvania,
and Monroe County, Ohio

January 2022



Public Information

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1.0 Introduction

Equitrans, L.P. (Equitrans) is committed to the protection and preservation of cultural resources during construction of the Ohio Valley Connector Expansion (Project), in accordance with federal and state legislation. Equitrans recognizes that despite intensive cultural resources field investigations that were performed and reviewed by appropriate agencies prior to Project construction, it is nonetheless possible that potentially significant archaeological resources could be discovered during Project construction or maintenance activities, particularly during excavation activities. Equitrans also recognizes the requirement for compliance with federal and state laws and regulations regarding the treatment of human remains, if discovered.

As such, the procedures of the Plan for Unanticipated Discoveries of Cultural Resources and Human Remains (referred to herein as the Unanticipated Discovery Plan) were developed on behalf of Equitrans and in consultation with the West Virginia Department of Arts, Culture and History (WVDACH), the Pennsylvania State Historic Preservation Office (PA SHPO), and the Ohio Historic Preservation Office (OHPO). This Unanticipated Discovery Plan summarizes the approach that Equitrans (and/or its contractors or consultants) will use to address unanticipated discoveries of archaeological resources or human remains during construction activities within the Project's direct Area of Potential Effect (APE) which is the same footprint as the construction limits of disturbance.

The purpose of archaeological investigations during the planning of natural gas pipeline projects is to determine the presence or absence of historic properties within a project area. These archaeological investigations are conducted in accordance with standards set forth in the Federal Energy Regulatory Commission (FERC) Office of Energy Project's *Guidelines for Reporting on Cultural Resources Investigations for Natural Gas Projects* (2017), pursuant to 18 Code of Federal Regulations (CFR) Section 380.12(f), 380.14, and Part 380, Appendix A, to comply with the National Environmental Policy Act of 1969 and Section 106 of the National Historic Preservation Act of 1966, as amended (NHPA), and implementing regulations of the Advisory Council on Historic Preservation (36 CFR 800), specifically, those procedures regarding "post-review discoveries" as outlined in 36 CFR 800.13. Work is undertaken pursuant to the Secretary of the Interior Standards for Archaeology and Historic Preservation (48 Federal Register 44716-42 [1983]), the Native American Graves Protection and Repatriation Act (25 USC 3001 et seq.), and the applicable state laws, regulations, and guidance pertaining to the cultural resources and human remains, in particular: the WVDACH *Guidelines for Phase I, II, and III Archaeological Investigations and Technical Report Preparation* (Trader 2001); the PA SHPO *Guidelines for Archaeological Investigations in Pennsylvania* (PA SHPO 2021); Pennsylvania Historic Burial Places Act of 1994; Pennsylvania Consolidated Statutes Title 37 Section 104 et. seq., and the OHPO *Archaeology Guidelines* (OHPO 1994).

2.0 Procedures for the Unanticipated Discovery of Cultural Resources and Human Remains

This Unanticipated Discovery Plan will be followed in the event archaeological resources and/or human remains are encountered during construction of the Project. Archaeological remains consist of manmade objects or features greater than 50 years of age. These remains include, but are not limited to, items such as artifacts (e.g., stone flakes, stone tools, ceramics, glass, architectural material), fire pits, building foundations, and human remains.

Inspectors (environmental and construction) have the responsibility to monitor the construction sites for potential archaeological remains throughout construction. As a result, Equitrans inspectors and construction contractor personnel will be given basic training in cultural resources site recognition and the Unanticipated Discovery Plan will be included in relevant construction contractor documents. The purpose of this training will be to review Equitrans' commitments regarding cultural resources compliance and to provide an overview of the general cultural history of the various Project areas, so that both Equitrans and construction personnel will be aware of the kinds of archaeological resources

that may be encountered in the field. In addition, the training program will emphasize the exact procedures to be followed, as outlined in this Unanticipated Discovery Plan, regarding actions to be taken and notifications required in the event of a significant site discovery, such as a discovery of human remains, during construction.

The training will inform Project personnel and construction contractors as to the extent of the archaeological survey program that has been performed for the Project and make them aware of the distinction between sites that already have been located and “cleared” under the cultural resource program (i.e., sites that have been determined to be non-significant after appropriate levels of investigation and SHPO consultation) and new discoveries that may be made during the construction process.

The Lead Environmental Inspector (LEI) is primarily the person responsible for advising the construction contractor's personnel on the procedures to follow in the event that an unanticipated discovery is made. A copy of this Unanticipated Discoveries Plan will be maintained by the Environmental Inspectors and at the construction field office. The LEI will advise all operators of equipment involved in grading, stripping, or trenching activities to:

- ▶ Stop work immediately if they observe any indications of the presence of cultural materials or possible human bone;
- ▶ Immediately contact the LEI (or the Construction Inspector [CI] if the LEI is not available); and
- ▶ Treat human remains with dignity and respect.

2.1 Cultural Resources (Not Involving Human Remains)

The following procedures are designed to deal with unanticipated discovery of potential cultural resources encountered during construction. Additional procedures for discovery of potential human remains are outlined under the next heading.

- The Contractor will stop work in the vicinity of the potential find and immediately notify the LEI, who will then notify Equitrans' Environmental Project Manager.
- Further construction work in the vicinity of the find will be temporarily suspended until applicable requirements of Section 106 of the NHPA and other related federal and state regulations have been successfully completed.
- Reasonable effort must be made to protect and secure the discovery. At least a 100-foot buffer between the find and construction activity will be maintained to avoid further impact to the potential cultural resource. As a protective measure, the find will be encompassed with temporary construction fencing. The Contractor will not restart work in the area of the find until the LEI has granted clearance.
- The LEI will inform the Project Archaeological Consultant (AC) of the discovery. If the Archaeological Consultant determines the find does not represent an archaeological site, or determines that the find is a previously known and cleared archaeological resource and that the find would not alter the current understanding of that resource, the AC will report the information to the LEI and the Equitrans' Environmental Project Manager. The LEI will then grant clearance to the construction crews for work to resume.
- If the AC determines the find is not a previously known and cleared resource, or potentially represents information that would alter the current understanding of a previously known and cleared archaeological resource, the AC will notify the LEI. The AC will then conduct cursory analysis and/or a preliminary field assessment of the discovery to determine if it is potentially a significant archaeological site.
- If the AC determines the find is a non-significant archaeological site (e.g., lacks the type of archaeological features, intact contexts, or patterned artifact distributions that

could provide substantive information regarding prehistory or history), the AC will document that determination and notify the LEI that construction may proceed in the vicinity of the find without additional action. The LEI will grant clearance to the construction crews for work to resume.

- If the AC determines the find is a potentially significant archaeological site (potentially eligible for listing in the National Register of Historic Places [NRHP]) or represents information that would alter the current understanding of a previously known and cleared archaeological resource, Equitrans will notify FERC, the relevant SHPO, and appropriate tribal organizations of this determination. Additional work, such as a Determination of Eligibility, avoidance, or Data Recovery will be performed as required/approved by the SHPO and FERC.
 - ▶ The AC will evaluate the potentially significant discovery and assess its horizontal and vertical extent, cultural association(s), and integrity. If the find appears to be significant, the AC will also evaluate potential strategies (i.e., the installation of protective fencing or matting) that would allow the passage of construction equipment through the discovery area pending treatment of the cultural resource. Apart from the potential installation of matting or other protective measures, further ground disturbing activities within the flagged or fenced-off discovery location will not resume until authorized by FERC.
 - ▶ The AC will inform the LEI, Equitrans' Environmental Project Manager, FERC, the relevant SHPO, and appropriate tribal organizations of the findings and recommendations regarding site significance and, if necessary, the implementation of protective measures.
 - ▶ If, upon further analysis by the AC, the find is determined to lack significance, Equitrans' Environmental Project Manager will consult with the SHPO and FERC, and other appropriate parties as necessary, to request approval to resume construction as warranted. If approved, Equitrans' Environmental Project Manager will notify the LEI who will grant clearance to the Contractor to resume work.
 - ▶ If FERC determines the find is eligible for the NRHP, the AC will develop an archaeological treatment plan that will be submitted to FERC, the relevant SHPO, and appropriate tribal organizations for review and comment.
 - ▶ Upon authorization by FERC, Equitrans will implement the treatment plan.
 - ▶ Upon receiving written acceptance from FERC of the results of the implemented treatment, the LEI will grant clearance to the Contractor to resume ground-disturbing activities within the discovery area.

2.2 Human Remains or Burials

Human remains may include any human body parts. If in doubt whether the bones are human, it is best to stop work in the immediate area of the discovery and seek advice from an anthropologist, archaeologist, pathologist, osteologist, or mortician. Burials may also include clusters of artifacts (particularly shells or beads) or modern grave features (i.e., headstones, coffin parts, etc.). In the event that potential or confirmed human remains are discovered, the procedure outlined below will be followed.

- If unmarked human burial or skeletal remains are encountered during construction activities, construction work in the immediate vicinity of the discovery will cease. All human remains and/or grave items should be left in place and treated with dignity and respect. Construction crews will not collect, disturb, or remove materials determined to be human remains or associated grave objects. All efforts will be made to exclude the

general public from viewing any gravesites and/or funerary objects and no photographs of any gravesites and/or funerary objects will be released to or taken by the press or posted on social media.

- The construction crew will immediately notify the LEI of the discovery that appears to be associated with human remains or an unmarked grave. The LEI will notify Equitrans' Environmental Project Manager and the AC.
- Reasonable effort must be made to protect and secure the discovery. At least a 100-foot buffer between the find and construction activity will be maintained to avoid further impact to the potential cultural resource. As a protective measure, the find will be encompassed with temporary construction fencing. The Contractor will not restart work in the area of the find until the LEI has granted clearance.
- The AC will examine and document the possible human discovery. If the AC determines the finds are human remains or funerary grave items, the AC will immediately notify the LEI and Equitrans' Environmental Project Manager. Equitrans' Environmental Project Manager will notify the appropriate law enforcement agency as well as the SHPO, FERC, and federally recognized Native American tribal organizations with an established interest in the Project.
- If the local law enforcement agency, in conjunction with the AC determines the remains are not modern or do not reflect a crime scene, and/or if they otherwise relinquish their jurisdiction over the remains, Equitrans will assist FERC in consulting appropriate parties (e.g., SHPO, federally recognized Native American tribal organizations, and/or the landowner) regarding additional steps to be followed.
- If the human or burial-related remains are Native American, a reasonable effort will be made to identify, locate, and notify the appropriate Tribal organization. If it is determined the remains are not Native American, a reasonable effort will be made to determine the identity or next of kin of the deceased.
- The measures to protect the remains and associated artifacts will remain in effect until they have been fully evaluated, appropriate treatment of the discovery (if applicable) has been completed, and Equitrans has received written notice from FERC to proceed with construction at the discovery site.
- After successful implementation of the treatment plan and receiving written approval from the FERC, Equitrans' Environmental Project Manager will notify the LEI who will grant clearance to the Contractor to resume work in the vicinity of the find.

3.0 Contacts for Unanticipated Discoveries

Lead Environmental Inspector

To be determined

Mobile:

Office:

Email:

Equitrans Environmental Project Manager

Erin Debias

Mobile: 412-737-0932

Office: 724-271-7378

EDebias@equitransmidstream.com

FERC Project Manager

To be determined
Mobile:
Office:
Email:

FERC Project Archaeologist

To be determined
Mobile:
Office:
Email:

WV SHPO

Susan Pierce
Director, Deputy State Historic Preservation Officer
West Virginia Department of Arts, Culture and History
The Cultural Center, Capitol Complex
1900 Kanawha Boulevard East
Charleston, West Virginia 25305-0300
304-558-0240, ext. 158
susan.m.pierce@wv.gov

PA SHPO

Andrea MacDonald
Bureau Director / Deputy State Historic Preservation Officer
Pennsylvania State Historic Preservation Office
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, Pennsylvania 17120-0093
717-783-8946
amacdonald@pa.gov

OH SHPO

Diana Welling
Department Head & Deputy State Historic Preservation Officer for Resource Protection & Review
800 E. 17th Ave.
Columbus, OH 43211-2474
614-298-2000
dwelling@ohiohistory.org

WV Medical Examiner

Chief Medical Examiner
Allen Mock, M.D.
619 Virginia Street West
Charleston, West Virginia 25302
304-558-6920

WV Sheriff (Wetzel County)

Sheriff
Michael L. Koontz
200 Main Street
New Martinsville, West Virginia 26155
304-455-8231

PA Medical Examiner

Coroner
Gene Rush
Ben Franklin Building
22 West High Street, 1st Floor
Waynesburg, Pennsylvania 15370
724-852-5286

PA Sheriff (Greene County)

Sherriff
Marcus Simms
Greene County Courthouse
10 East High Street, 1st Floor
Waynesburg, Pennsylvania 15370
724-852-5218

OH Medical Examiner

Coroner
Kevin L. Sharrett, M.D.
120 East Main Street
Xenia, Ohio 45385
937-562-5050

OH Sheriff (Monroe County)

Sheriff
Charles R. Black, Jr.
47129 Moore Ridge Road
Woodsfield, Ohio 43793
740-472-1612

Federally-Recognized Native American Tribal Organizations

A list of tribal organization contacts will be developed based on responses to the informational letter. Only those organizations requesting to be kept informed about the Project will be included as possible contacts. This Unanticipated Discovery Plan will be updated accordingly.

4.0 References

Federal Energy Regulatory Commission. 2017. *Guidelines for Reporting on Cultural Resources Investigations for Natural Gas Projects*. Office of Energy Projects, Washington, D.C.

Ohio Historic preservation Office (OHPO). 1994. *Archaeology Guidelines*. Ohio History Connection, Columbus.

Pennsylvania State Historic Preservation Office (PA SHPO). 2021. *Guidelines for Archaeological Investigations in Pennsylvania*. Pennsylvania Historical and Museum Commission, Harrisburg.

Trader, Patrick. 2001. *Guidelines for Phase I, II, and III Archaeological Investigations and Technical Report Preparation*. West Virginia Division of Culture and History, Charleston.



Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

January 3, 2022

Jonathan Glenn
GAI Consultants, Inc.
385 E Waterfront Dr.
Homestead PA 151205070

RE: ER Project # 2021PR06517.006, Ohio Valley Connector Expansion Project, Federal Energy Regulatory Commission, Jackson Township, Greene County

Dear Jonathan Glenn:

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Above Ground Resources

No Above Ground Concerns - Environmental Review - No Historic Properties - Above Ground

Based on the information received and available in our files, it is our opinion that there are no above ground historic properties (resources listed in or eligible for listing in the National Register) present in the project area of potential effect. Therefore, no above ground historic properties will be affected by the proposed project. Should the scope of the project change and/or new information be brought to your attention regarding historic properties located within the project area of potential effect, please reinstate consultation with our office using PA-SHARE.

For questions concerning above ground resources, please contact Cheryl Nagle at chnagle@pa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Emma Diehl".

Emma Diehl
Environmental Review Division Manager

PROJECT Submissions

2021PR06517 Environmental Review

Due Date	Type	Status	Submission ↑	Submitted By	Description
11/10/2021	Initial	Closed	2021PR06517.001	Dana Cress	Initial Submission
11/24/2021	Requested	Closed	2021PR06517.002	Dana Cress	Survey # 2021SR00325: Architectural Survey Proposal
01/26/2022	Requested	Open	2021PR06517.003	Dana Cress	Can you please provide a pdf document (one page) of the APE on an aerial?
01/26/2022	Requested	Open	2021PR06517.004	Dana Cress	Additional Information for: 2021RE02331
01/26/2022	Requested	Open	2021PR06517.005	Dana Cress	Additional Information for: 2021RE02332
01/26/2022	Requested	Open	2021PR06517.006	Dana Cress	Report # 2021RP00399: Architectural and Historical Resources Investigation Ohio Valley Connector Expansion Project Greene County, Pennsylvania
01/26/2022	Requested	Open	2021PR06517.007	Jonathan Glenn	Survey # 2021SR00396: Report # 2021RP00398: Phase I

Submissions: 7

Other Project Names

Project Name
No records have been added.
Other Project Names: 0

Municipalities

Municipality	County
Jackson Township	Greene
Center Township	Greene
Washington Township	Greene
Gilmore Township	Greene

PROJECT Submissions

2021PR06517 Environmental Review

Due Date	Type	Status	Submission ↑	Submitted By	Description
11/10/2021	Initial	Closed	2021PR06517.001	Dana Cress	Initial Submission
11/24/2021	Requested	Closed	2021PR06517.002	Dana Cress	Survey # 2021SR00325: Architectural Survey Proposal
01/26/2022	Requested	Open	2021PR06517.003	Dana Cress	Can you please provide a pdf document (one page) of the APE on an aerial?
01/26/2022	Requested	Open	2021PR06517.004	Dana Cress	Additional Information for: 2021RE02331
01/26/2022	Requested	Open	2021PR06517.005	Dana Cress	Additional Information for: 2021RE02332
01/26/2022	Requested	Open	2021PR06517.006	Dana Cress	Report # 2021RP00399: Architectural and Historical Resources Investigation Ohio Valley Connector Expansion Project Greene County, Pennsylvania
01/26/2022	Requested	Open	2021PR06517.007	Jonathan Glenn	Survey # 2021SR00398: Phase I

Submissions: 7

Other Project Names

Project Name

No records have been added.

Other Project Names: 0

Municipalities

Municipality	County
Jackson Township	Greene
Center Township	Greene
Washington Township	Greene
Gilmore Township	Greene



November 4, 2021

Jonathan Glenn
GAI Consultants, Inc.
385 E Waterfront Dr.
Homestead PA 151205070

RE: ER Project # 2021PR06517.002, Ohio Valley Connector Expansion Project, Federal Energy Regulatory Commission, Jackson Township, Greene County

Dear Jonathan Glenn:

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Above Ground Resources

More Information Requested - New Attachment

Can you please provide a pdf document (one page) of the APE on an aerial? Please submit the requested materials to the PA SHPO through PA-SHARE using the link under SHPO Requests More Information on the Response screen.

More Information Requested - New Attachment

Please provide more information about what known historic resources are near these proposed facilities : One deep well anode groundbed and rectifier for cathodic protection in Greene County, PA; Additional ancillary facilities, such as mainline valves (MLVs), metering and regulating equipment, and internal inspection device (e.g., pig) launchers and receivers in Greene County, PA 2., Also how large of a foot print will they be? Please submit the requested materials to the PA SHPO through PA-SHARE using the link under SHPO Requests More Information on the Response screen.

More Information Requested - Update Existing Resource

This property and 2021RE02331 are proposed contractor yards and have the potential to be affected (are they going to be demolished?) Please do a full survey - adjust the historic parcel boundary/survey to include any buildings across the street or in the back areas that may be associated. Please submit the requested materials to the PA SHPO through PA-SHARE using the link under SHPO Requests More Information on the Response screen.

More Information Requested - Update Existing Resource

This property and 2021RE02332 are proposed contractor yards and have the potential to be affected (are they going to be demolished?) Please do a full survey - adjust the historic parcel boundary/survey to include any buildings across the street or in the back areas that may be associated. Please submit the requested materials to the PA SHPO through PA-SHARE using the link under SHPO Requests More Information on the Response screen.

For questions concerning above ground resources, please contact Cheryl Nagle at chnagle@pa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Andrea MacDonald". The signature is written in a cursive style with a large initial 'A'.

Andrea MacDonald
Director, State Historic Preservation Office



October 26, 2021
 Project R210388.00

Ms. Cheryl Nagle
 Pennsylvania State Historic Preservation Office
 Commonwealth Keystone Building, 2nd Floor
 400 North Street
 Harrisburg, Pennsylvania 17120-0093

Requested Architecture Methodology
ER # 2021PR06517
Ohio Valley Connector Expansion Project
Equitrans, L.P.
Greene County, Pennsylvania

Dear Ms. Nagle:

GAI Consultants, Inc. (GAI), on behalf of Equitrans, L.P. (Equitrans) submitted initial information to the Pennsylvania (PA) State Historic Preservation Office (SHPO) on October 12, 2021 to initiate consultation for a new proposed natural gas project, the Ohio Valley Connector Expansion (Project). In response, PA SHPO requested additional information pertaining to the survey methodology and mapping of the Area of Potential Effects (APE) for aboveground resources. The shapefiles for the Architectural Survey APE were uploaded in a separate .zip file through PA-Share.

Architectural Survey Methodology

Prior to the field survey, GAI conducted background research using the PA SHPO's PA-Share resource exchange system to identify previously-recorded resources within a 0.5-mile buffer of all Project facilities (Table 1). GAI also consulted compliance reports, National Register of Historic Places (NRHP) nominations, published histories, and historic maps and atlases to determine the potential for previously unrecorded resources 45 years old or older within the Project's APE, as well as to inform the historic context for the Project. Resources previously considered not eligible for the NRHP were not further documented in this investigation.

Table 1. Previously-Recorded Resources within 0.5 miles of Project

ID Number	Resource Name	Date	NRHP Status
H327 / H328 and Cyrimus Compressor			
No Previously-Recorded Resources			
CY-8			
2002RE00670	Shirk, Benjamin F., Sr., Farmstead	Circa 1850	Not Eligible
2002RE00671	Shirk Brothers Store & Service Station	Circa 1924	Not Eligible
2002RE01279	Ruff's Creek Grange No. 1631	n/a	Not Eligible
2004RE02429	n/a	Circa 1925	Not Eligible
2004RE11480	n/a	1997	Not Eligible
2010RE01724	n/a	1858	Undetermined
2016RE01543	Shirk-Addleman Farm	Circa 1890	Not Eligible
2019RE14004	Catfish Path	Circa 1772	Undetermined
CY-9			
2004RE00842	n/a	Circa 1927	Not Eligible
2010RE00146	Wood Property	Circa 1925	Undetermined
2010RE00735	Monongahela Railway	n/a	Undetermined
2010RE01214	n/a	Circa 1880	Undetermined
2010RE01336	S.K. White House	Circa 1900	Not Eligible
2010RE02205	n/a	Circa 1870	Undetermined

ID Number	Resource Name	Date	NRHP Status
2010RE02208	n/a	Circa 1870	Undetermined
2010RE02256	Holbrook Christian Church	1897	Eligible
2010RE02637	n/a	Circa 1980	Undetermined
2010RE03293	n/a	Circa 1900	Undetermined
2010RE03328	Hollbrook Store	Circa 1900	Not Eligible
2011RE00370	Chapon Property	Circa 1850	Not Eligible
2018RE02647	Farmstead of Bristoria Road	Circa 1900	Undetermined
CY-10			
1979RE00349	Grimes Covered Bridge	1888	Listed
2002RE00670	Shirk, Benjamin F., Sr., Farmstead	Circa 1850	Not Eligible
2002RE00671	Shirk Brothers Store & Service Station	Circa 1924	Not Eligible
2002RE01279	Ruff's Creek Grange No. 1631	n/a	Not Eligible
2004RE02429	n/a	Circa 1925	Not Eligible
2004RE11480	n/a	1997	Not Eligible
2010RE01226	n/a	Circa 1890	Undetermined
2016RE01543	Shirk-Addleman Farm	Circa 1890	Not Eligible
2019RE14004	Catfish Path	Circa 1772	Undetermined
CY-11			
2010RE03821	n/a	Circa 1880	Undetermined

Following background research, Architectural Historian Aaron Swickard and Senior Architectural Historian Dana Cress conducted a reconnaissance-level architectural and historical resource survey and documented six architectural and historical resources within the APE as described below. Resources encountered primarily consisted of late-nineteenth and early-twentieth century residential properties.

The Project's proposed architectural APE takes into account direct and indirect impacts. The direct impacts are considered to be the area of ground disturbance created by project construction activities (limits of disturbance [LOD]). The direct impacts are defined as those locations associated with the proposed undertaking where there will be physical alteration and/or disturbance of surface and subsurface soils. The indirect impacts apply primarily to architectural and historical resources and includes areas where potential noise, vibration, and other construction activities could impact historic properties in proximity to those activities. The indirect impact considerations also account for line-of-sight (viewshed) impacts that could result from tree cutting or installation of pipeline facilities, especially aboveground pipeline facilities. The APE minimally consists of the LOD as discussed, and at most consists of a buffer extending in a maximum 0.5-mile radius from proposed aboveground Project facilities and areas of possible tree clearing associated with Project construction.

Based off of previous PA SHPO guidance for similar projects, contractor yards and access roads were not assessed to have potential indirect impacts beyond the immediately adjacent properties because they are only temporary in nature and likely no substantial tree cutting will be proposed. For permanent Project components, the APE was generally terminated before the 0.5-mile maximum, where vegetation, topography, or other existing infrastructure obstructed lines-of-sight. Following PA SHPO guidelines, the APE relating specifically to agricultural resources would take into account possible impacts on an entire farm property (e.g., clearing of historical woodlots), not just the farmstead buildings themselves. This level of examination is not warranted for most non-agricultural resources where the landscape is not a significant element of the resource.

The surveyed resources were photographed with high-resolution cameras, and recorded from public ROWs, noting the architectural style, condition, and important features of each resource. GAI also noted major changes or alterations to each resource, and marked each property on USGS topographical and aerial maps.

The Project's primary impacts will be through direct construction and use of the corridor and temporary contractor yards because Project facilities are generally underground or utilize existing workspaces. The Project's potential indirect impacts on aboveground architectural and historical resources primarily consist of visual modifications from tree clearing and permanent aboveground components associated with H327 / H328 and Cyrymus Compressor.

Project Requests

Based on the information presented in this letter, Equitrans would appreciate your review and comments regarding the historic architectural resources APE and survey methodology for the proposed Project.

GAI and Equitrans look forward to working with you on the Project relative to Section 106 consultation. If you have questions regarding this submission, please contact me at 412-399-5165 or via email at d.cress@gaiconsultants.com.

Sincerely,

GAI Consultants, Inc.

Dana B. Cress



Dana B. Cress, M.A.,
Senior Architectural Historian

cc: Jonathan Glenn, GAI



Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

October 22, 2021

Jonathan Glenn
GAI Consultants, Inc.
385 E Waterfront Dr.
Homestead PA 151205070

RE: ER Project # 2021PR06517.001, Ohio Valley Connector Expansion Project, Federal Energy Regulatory Commission, Jackson Township, Greene County

Dear Jonathan Glenn:

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Above Ground Resources

More Information Requested - Survey Proposal

To start the survey process - please provide a separate survey methodology and viewshed mapping for above ground resources. The survey methodology can list out known historic resources within the APEs, the type of historic resources most likely to be encountered, historic and current aerials, and a brief methodology - as well as a reduced visual APE if warranted for approval. Once this methodology/proposal is reviewed and accepted by the PA SHPO - we will open a survey portal. If more than 10 newly identified properties are to be part of survey effort- you will be required to use our Surveyor App. Please submit the requested materials to the PA SHPO through PA-SHARE using the link under SHPO Requests More Information on the Response screen.

For questions concerning above ground resources, please contact Cheryl Nagle at chnagle@pa.gov.

Archaeological Resources

More Information Requested - Environmental Review - More Info Archaeological - High Prob

Based on an evaluation by our staff, including a review of the Statewide Pre-Contact Predictive Model, there is a high probability that National Register significant archaeological

sites are present within this project area. These resources could be adversely affected by project activities. Our review considers the locations of known archaeological resources, soil type, topographic setting, slope direction and distance to water, among other regionally specific predictive factors for archaeological site locations. It is our opinion that a Phase I archaeological survey should be conducted to locate potentially significant resources and we understand this fieldwork is already underway. Guidelines and instructions for conducting all phases of archaeological survey in Pennsylvania are available on our website.

More Information Requested - New Survey

Please use this request for information to update survey details, add any identified resources, and upload the Phase I archaeological survey report. Please submit the requested materials to the PA SHPO through PA-SHARE using the link under SHPO Requests More Information on the Response screen.

For questions concerning archaeological resources, please contact Justin McKeel at jusmckeel@pa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Andrea MacDonald". The signature is written in a cursive style.

Andrea MacDonald
Director, State Historic Preservation Office



October 11, 2021

Project R210388.00

Ms. Andrea MacDonald
Bureau Director / Deputy State Historic Preservation Officer
Pennsylvania State Historic Preservation Office
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, Pennsylvania 17120-0093

Initial Consultation
ER # Pending
Ohio Valley Connector Expansion Project
Equitrans, L.P.
Greene County, Pennsylvania

Dear Ms. MacDonald:

GAI Consultants, Inc. (GAI), on behalf of Equitrans, L.P. (Equitrans) is contacting the Pennsylvania (PA) State Historic Preservation Office (SHPO) to initiate consultation for a new proposed natural gas project, the Ohio Valley Connector Expansion (Project). A Project description is provided below, and Project locations in PA are included on the maps provided in Attachment 1. Equitrans has contracted GAI to provide environmental and cultural resources consulting services to support the federal, state, and local permitting for the Project.

Project Description

Equitrans is seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (FERC) pursuant to Section 7(c) of the Natural Gas Act (NGA) as amended, authorizing Equitrans to construct and operate the proposed Project located in Greene County, PA, Wetzel County, West Virginia (WV), and Monroe County, Ohio (OH).

The purpose of the Project is to supply an increased volume of natural gas to the Ohio Valley Connector (OVC) market through which gas is transported to expanding mid-continent and Gulf Coast markets.

The preliminary scope of facilities currently includes the following proposed pipelines, associated aboveground facilities, access roads, cathodic protection, staging areas, and contractor/laydown yards:

- ▶ Approximately 0.5 mile of 16-inch-diameter natural gas pipeline (H-327) in Greene County, PA;
- ▶ Approximately 0.5 mile of 12-inch-diameter natural gas pipeline (H-328) in Greene County, PA;
- ▶ Approximately 3.7 miles of 24-inch-diameter natural gas pipeline (H-326) in Wetzel County, WV;
- ▶ Approximately 0.02 miles of 8-inch-diameter natural gas pipeline (H-329) in Wetzel County, WV;
- ▶ Approximately 0.7 miles of 16-inch-diameter natural gas pipeline (H-330) in Wetzel County, WV;
- ▶ Approximately 0.03 miles of 12-inch-diameter natural gas pipeline (Logansport Spur) in Wetzel County, WV;
- ▶ Removal of the existing 3606 compressor and addition of two T-70 turbines at the existing Cygrymus Compressor Station with additional mechanical and electrical equipment to support the horsepower (HP) increase in Greene County, PA;
- ▶ One additional M-100 compressor unit at the existing Corona Compressor Station with additional mechanical and electrical equipment to support the HP increase in Wetzel County, WV;
- ▶ One additional Titan T130 compressor unit at the existing Plasma Compressor Station with additional mechanical and electrical equipment to support the HP increase in Monroe County, OH;
- ▶ One deep well anode groundbed and rectifier for cathodic protection in Greene County, PA;
- ▶ Additional ancillary facilities, such as mainline valves (MLVs), metering and regulating equipment, and internal inspection device (e.g., pig) launchers and receivers in Greene County, PA and Wetzel County, WV; and,
- ▶ New and existing temporary and permanent access roads, staging areas, and contractor/laydown yards in Greene County, PA and Wetzel County, WV.

Proposed Area of Potential Effect

GAI has initiated an archaeological survey and an architectural and historical resources investigation of the Project as currently designed. The archaeological study area is wider than the Project to allow for subsequent adjustments in Project design. This study area generally consists of a 300-foot-wide corridor centered on the proposed pipelines, a 50-foot-wide corridor centered on the proposed access roads, and the limits of workspaces and contractor yards that extend beyond those corridors.

The Area of Potential Effect (APE) involves direct and indirect potential impacts by the Project to cultural resources. The direct impact APE is considered to be the area of ground disturbance created by project construction activities (limits of disturbance [LOD]). The direct impact APE applies primarily to archaeological resources and is defined as those locations associated with the proposed undertaking where there will be physical alteration and/or disturbance of surface and subsurface soils.

For the purposes of the archaeological survey, the direct impact APE includes the limits of the proposed temporary workspaces (temporary right-of-way [ROW] and additional temporary workspace [ATWS]), staging areas, contractor yards, aboveground facilities, and access roads. Along the proposed pipelines, the direct APE is generally comprised of a 100-foot-wide construction ROW with ATWS in select locations extending to various widths beyond the ROW as needed for safe construction. Access roads typically are up to 30 feet wide, and contractor yards/staging areas are defined by their individual limits.

Architectural and historical investigations took into account an indirect APE in addition to the direct APE described above. The indirect APE applies primarily to architectural and historical resources and includes areas where potential noise, vibration, and other construction activities could impact historic properties in proximity to those activities. The indirect APE also accounts for line-of-sight (viewshed) impacts that could result from tree cutting or installation of aboveground facilities. The indirect APE minimally consists of the LOD discussed above, and a buffer extending in a maximum 0.5-mile radius from proposed aboveground Project facilities and areas of possible tree clearing associated with Project construction. Contractor yards and access roads generally were not assessed to have potential viewshed impacts beyond the immediately adjacent areas because they have only a temporary aboveground component and likely no substantial tree cutting will be proposed. The indirect APE was generally terminated before the 0.5-mile maximum, where vegetation, topography, or other existing infrastructure obstructed lines-of-sight. Following PA SHPO guidance, the indirect APE relating specifically to agricultural resources would take into account possible impacts on an entire farm property (e.g., clearing of historical woodlots), not just the farmstead buildings themselves. This level of examination is not warranted for most non-agricultural resources where the landscape is not a significant element of the resource.

Project Requests

Based on the information presented in this letter, Equitrans would appreciate your review and comments regarding the potential for the Project to affect archaeological or historic architectural resources.

GAI and Equitrans look forward to working with you on the Project relative to Section 106 consultation. If you have questions regarding this submission, please contact me at 412-399-5191 or via email at j.glenn@gaiconsultants.com.

Sincerely,

GAI Consultants, Inc.



Digitally signed by Jonathan Glenn
Date: 2021.10.11 11:45:01 -04'00'

Jonathan Glenn, M.A., RPA
Cultural Resources Manager



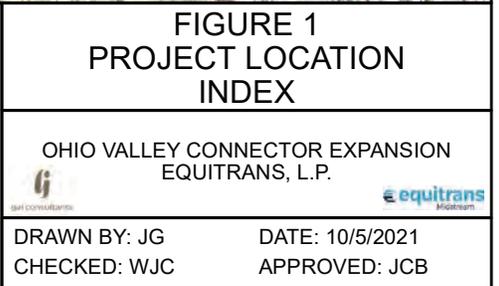
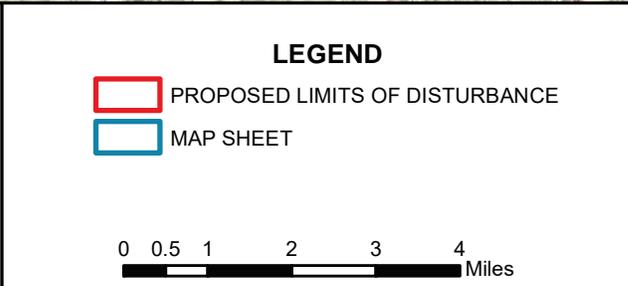
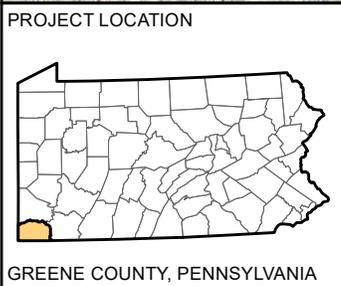
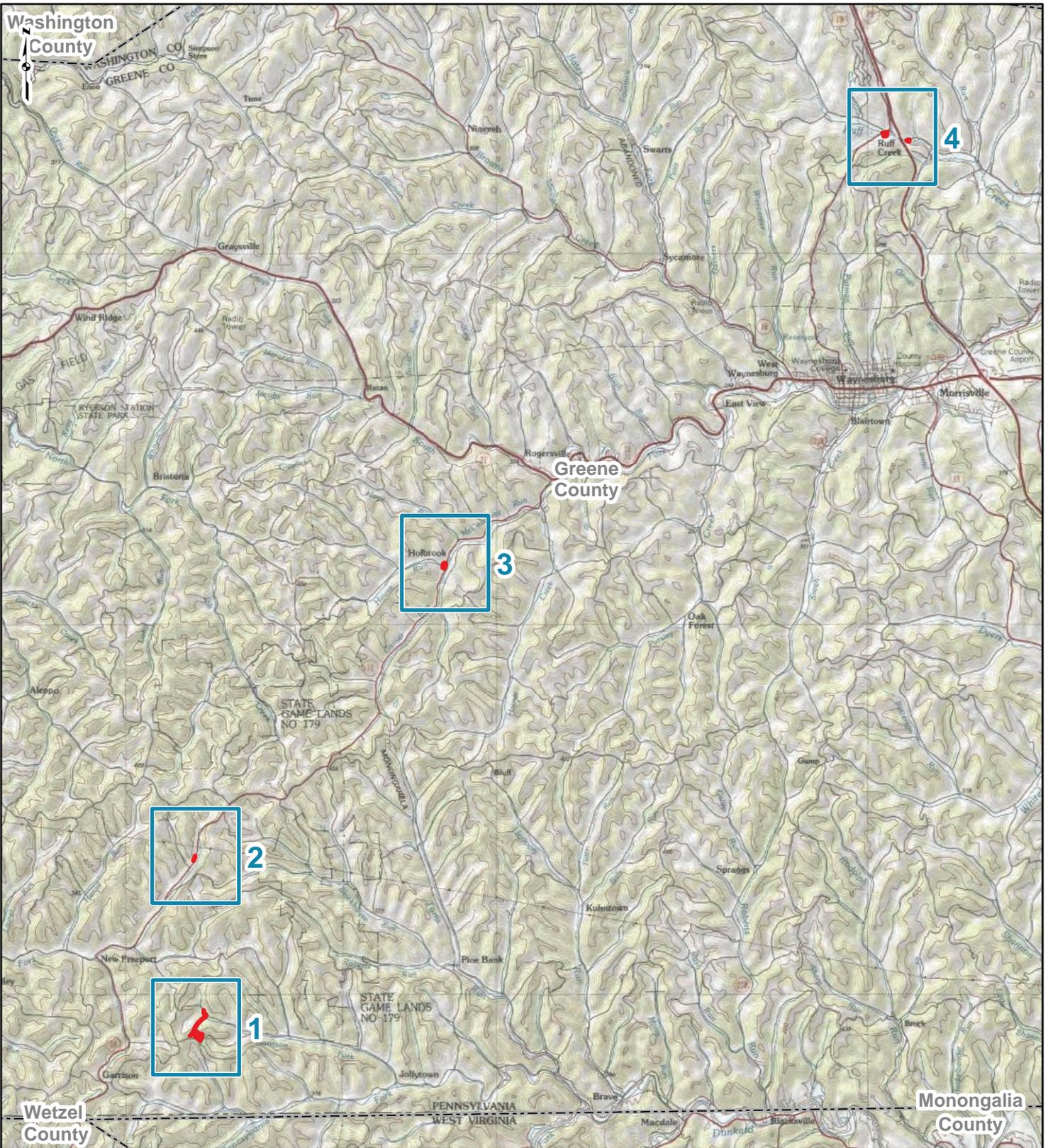
Digitally signed by Jennifer Broush
DN: cn=Jennifer Broush, o=GAI Consultants, Inc., ou, email=j.broush@gaiconsultants.com, c=US
Date: 2021.10.11 12:08:17 -04'00'

Jennifer C. Broush, MBA
Director, Environmental and Energy Services

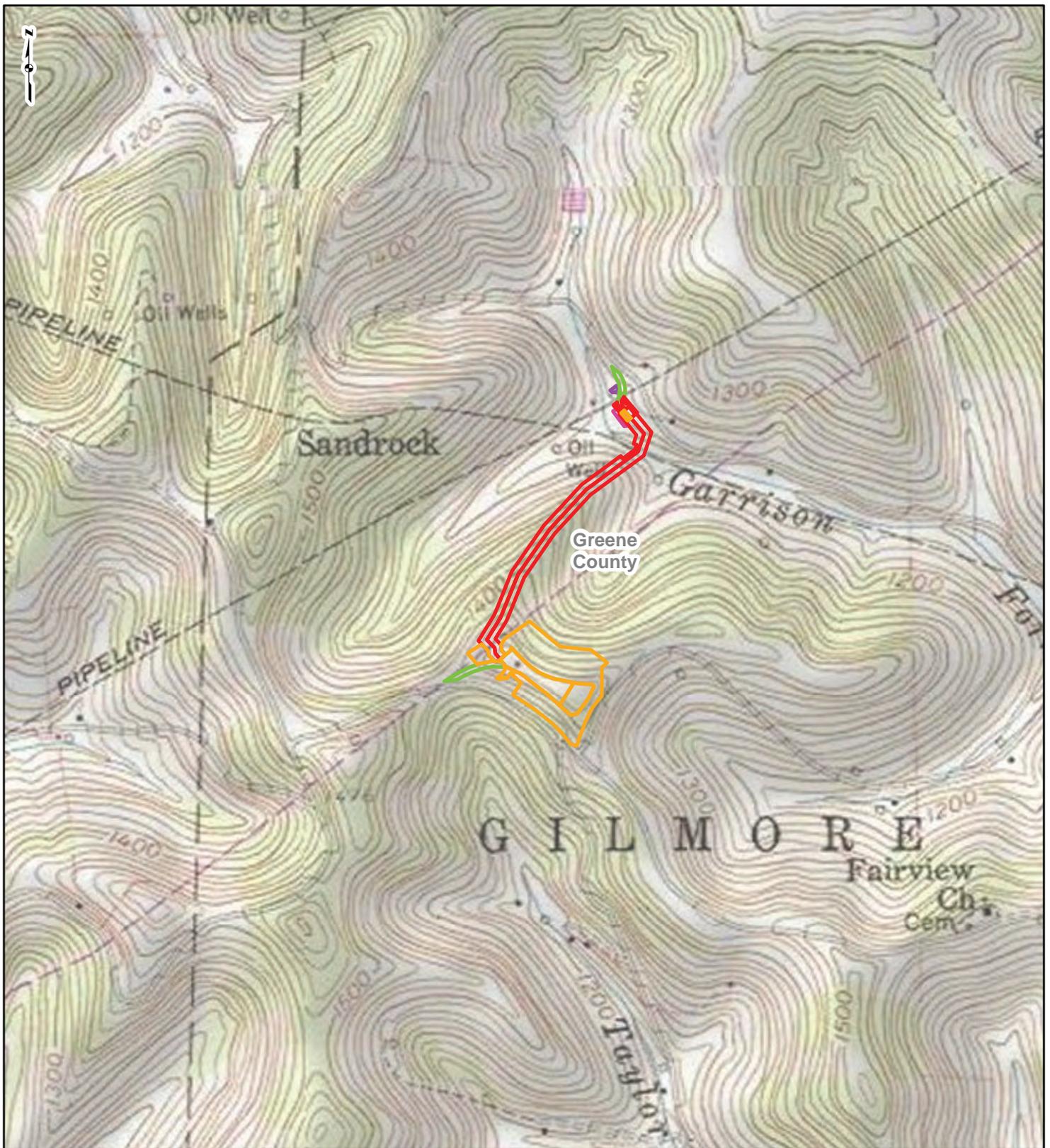
Attachments: Pennsylvania Location and Overview Maps

cc: Ms. Erin Debias, Equitrans
Ms. Ashley Merks, Equitrans

ATTACHMENT 1
PENNSYLVANIA LOCATION AND OVERVIEW MAPS



REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: HOLBROOK, PA (1973); HUNDRED, WV (1978); NEW FREEPORT, PA (1973); AND WAYNESBURG, PA, (1973); OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 10/2021.



PROJECT LOCATION



GREENE COUNTY, PENNSYLVANIA

LEGEND

-  Facility LOD
-  Pipeline ROW
-  Access LOD
-  TWS
-  ATWS
-  Contractor Yard



**FIGURE 1
PROJECT LOCATION
SHEET 1 of 4**

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.



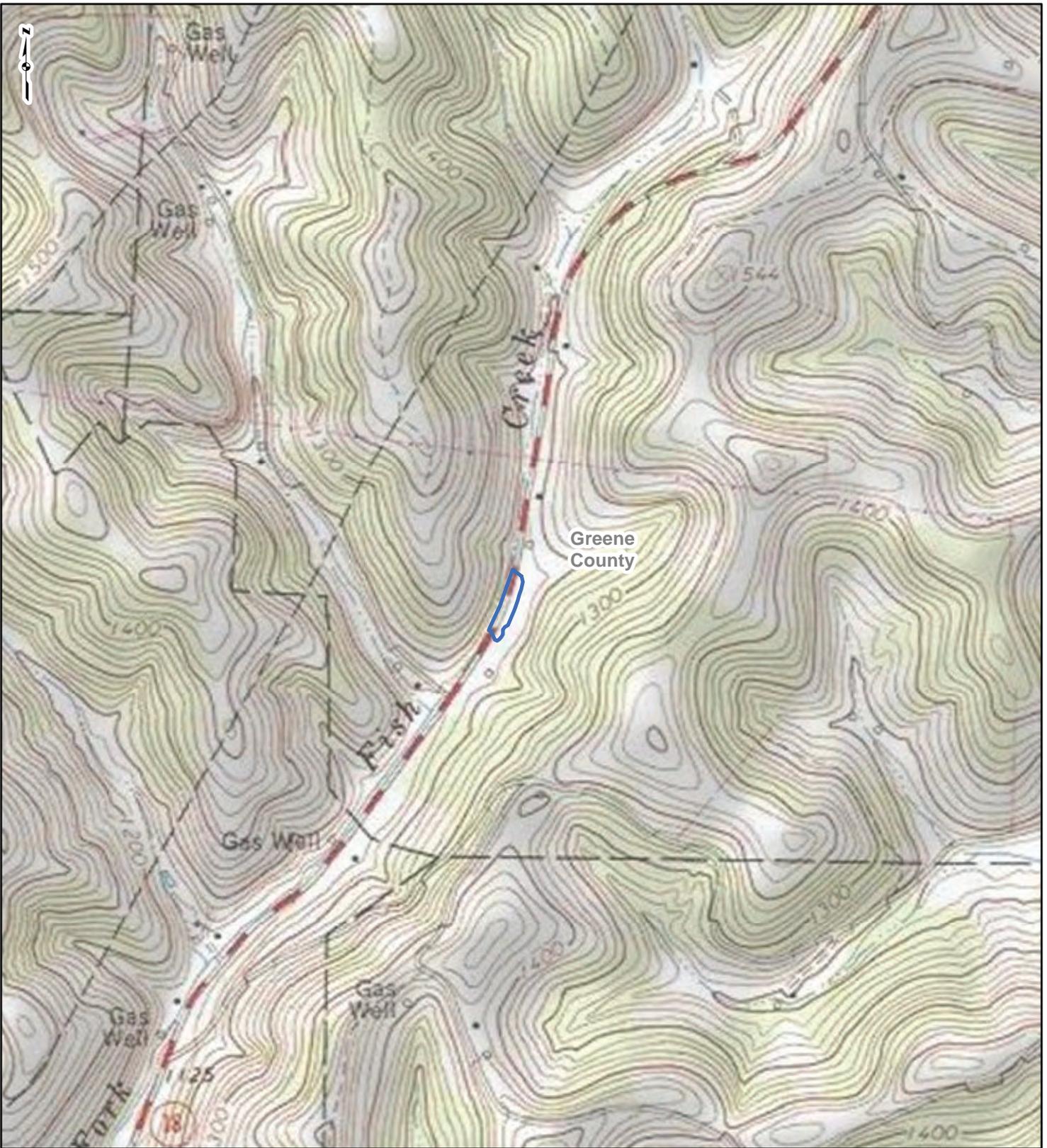
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DATE: 10/5/2021

CHECKED: WJC

APPROVED: JCB

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: HOLBROOK, PA (1973); HUNDRED, WV (1978); NEW FREEPORT, PA (1973); AND WAYNESBURG, PA, (1973); OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 10/2021.



PROJECT LOCATION

GREENE COUNTY, PENNSYLVANIA

LEGEND

- Facility LOD
- Pipeline ROW
- Access LOD
- TWS
- ATWS
- Contractor Yard

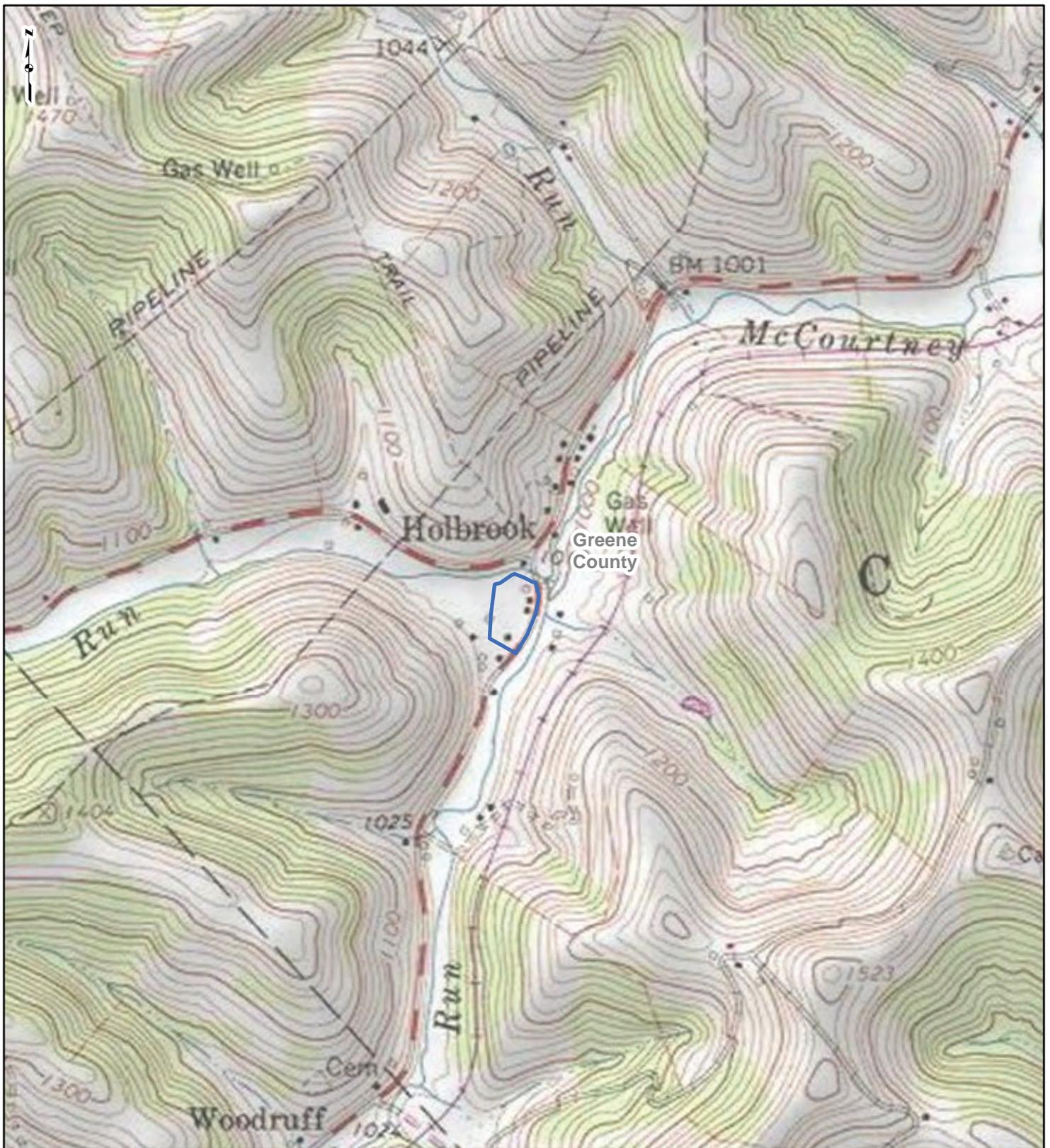
0 500 1,000 2,000 Feet

FIGURE 1
PROJECT LOCATION
SHEET 2 of 4

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.

DRAWN BY: JG **DATE:** 10/5/2021
CHECKED BY: WJC **APPROVED:** JCB

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: HOLBROOK, PA (1973); HUNDRED, WV (1978); NEW FREEPORT, PA (1973); AND WAYNESBURG, PA, (1973); OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 10/2021.



PROJECT LOCATION



GREENE COUNTY, PENNSYLVANIA

LEGEND

- Facility LOD
- Pipeline ROW
- Access LOD
- TWS
- ATWS
- Contractor Yard



**FIGURE 1
PROJECT LOCATION
SHEET 3 of 4**

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.



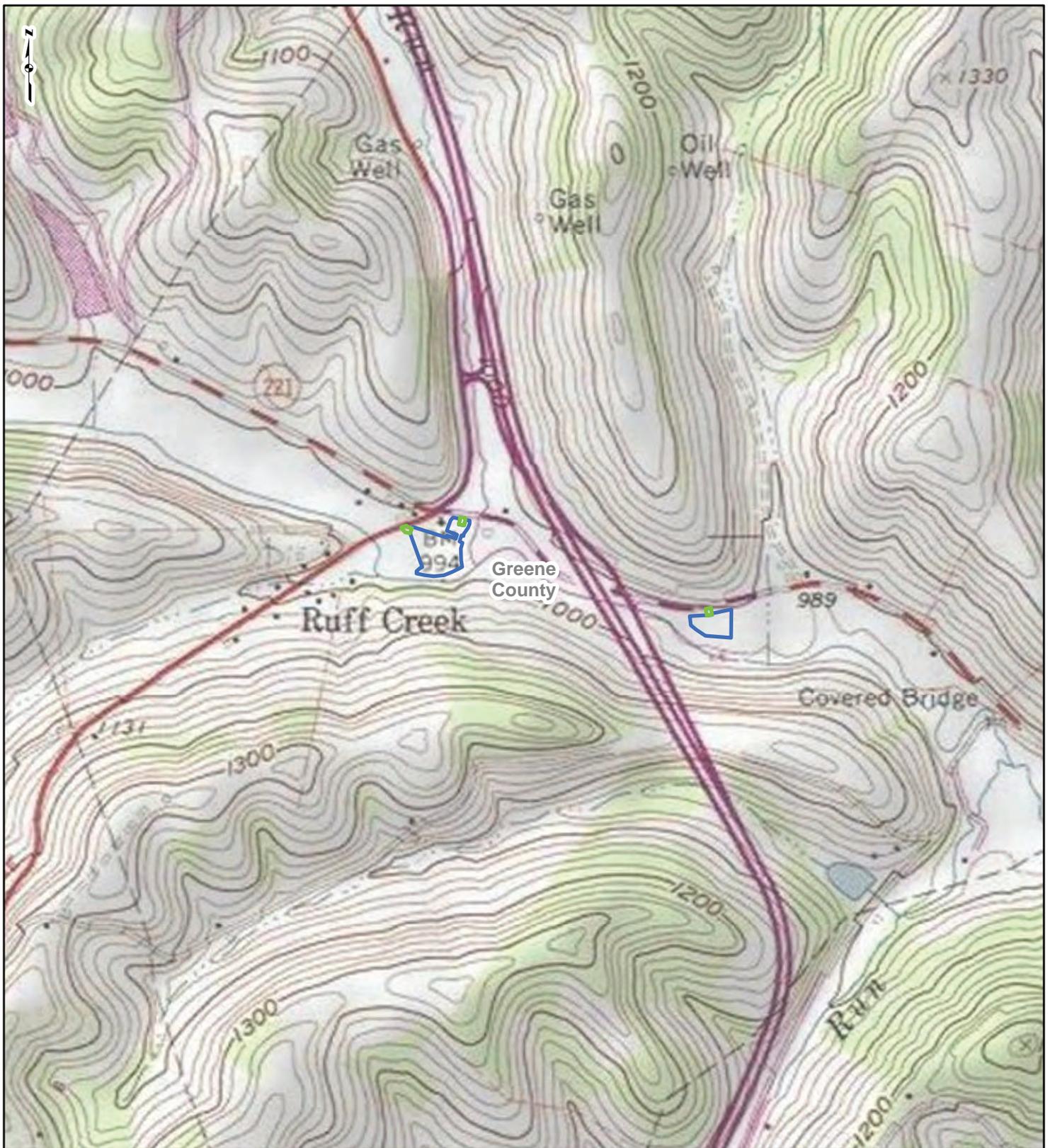
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DATE: 10/5/2021

CHECKED: WJC

APPROVED: JCB

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: HOLBROOK, PA (1973); HUNDRED, WV (1978); NEW FREEPORT, PA (1973); AND WAYNESBURG, PA, (1973); OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 10/2021.



PROJECT LOCATION



GREENE COUNTY, PENNSYLVANIA

LEGEND

- Facility LOD
- Pipeline ROW
- Access LOD
- TWS
- ATWS
- Contractor Yard



**FIGURE 1
PROJECT LOCATION
SHEET 4 of 4**

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.



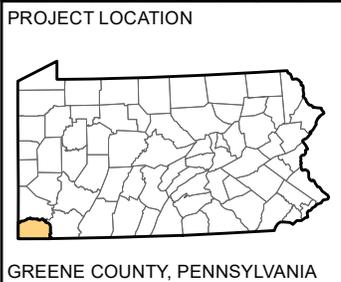
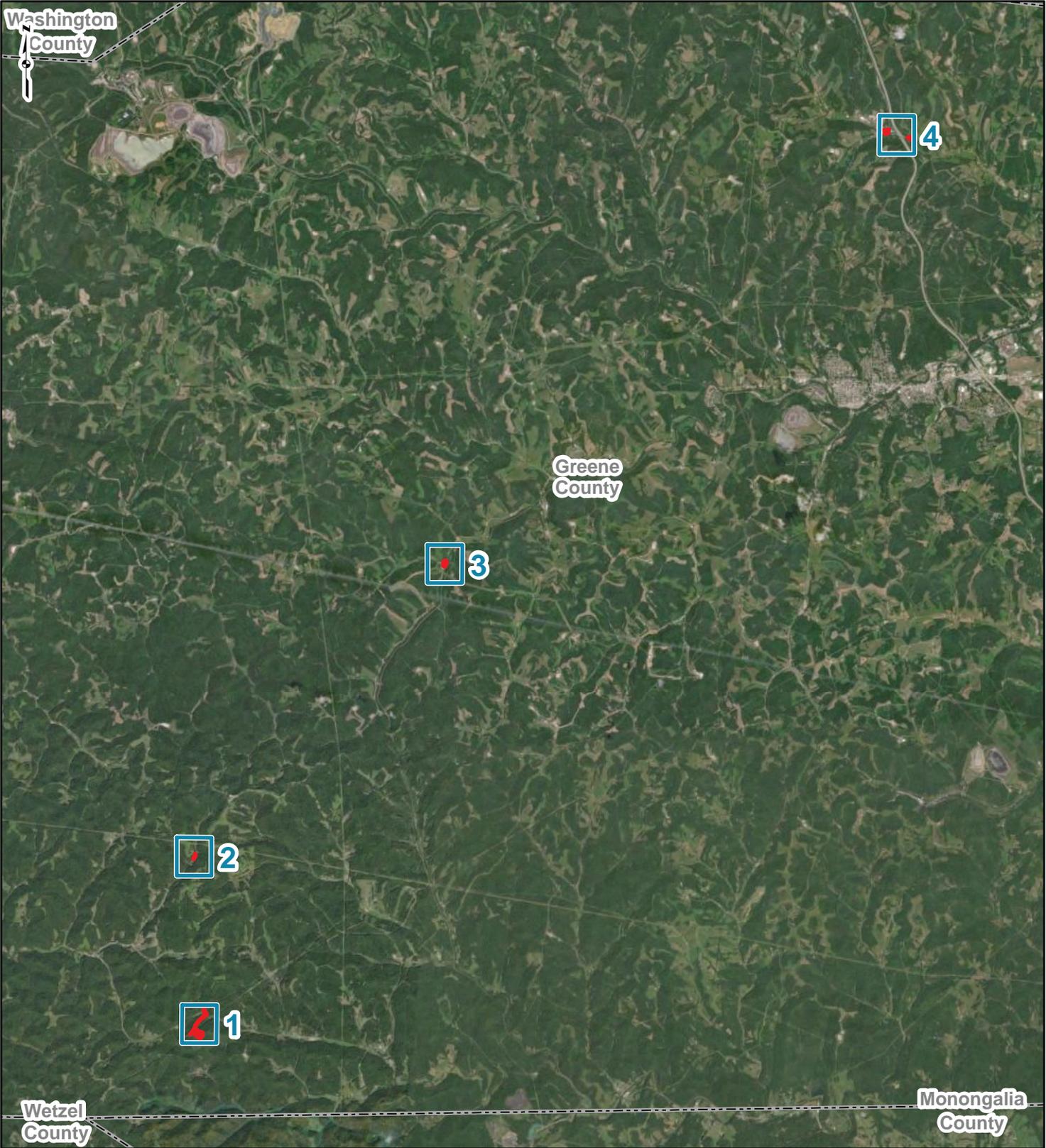
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DATE: 10/5/2021

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APPROVED: JCB

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: HOLBROOK, PA (1973); HUNDRED, WV (1978); NEW FREEPORT, PA (1973); AND WAYNESBURG, PA, (1973); OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 10/2021.



LEGEND

PROPOSED LIMITS OF DISTURBANCE

MAP SHEET

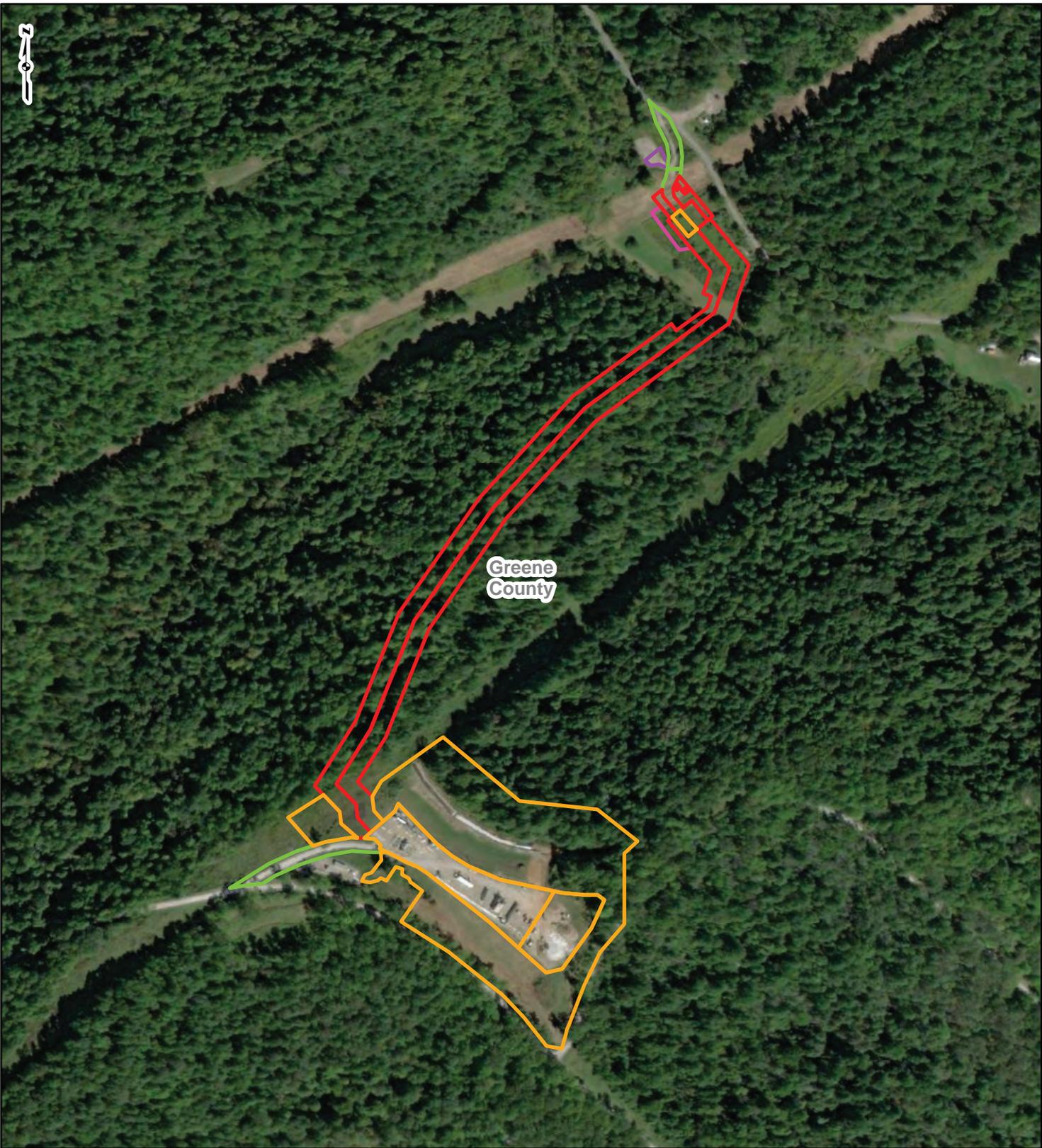
0 0.5 1 2 3 4 Miles

**FIGURE 2
PROJECT OVERVIEW
INDEX**

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.

DRAWN BY: JG DATE: 10/5/2021
 CHECKED: WJC APPROVED: JCB

REFERENCE: WORLD IMAGERY; OBTAINED THROUGH ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGNAND THE GIS USER COMMUNITY. ACCESSED 10/2021.



Greene
County

PROJECT LOCATION



GREENE COUNTY, PENNSYLVANIA

LEGEND

- Facility LOD
- Pipeline ROW
- Access LOD
- TWS
- ATWS
- Contractor Yard



FIGURE 2
PROJECT OVERVIEW
SHEET 1 of 4

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.



DRAWN BY: JG
CHECKED: WJC

DATE: 10/5/2021
APPROVED: JCB

REFERENCE: WORLD IMAGERY; OBTAINED THROUGH ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGNAND THE GIS USER COMMUNITY. ACCESSED 10/2021.



Greene
County

PROJECT LOCATION



GREENE COUNTY, PENNSYLVANIA

LEGEND

- Facility LOD
- Pipeline ROW
- Access LOD
- TWS
- ATWS
- Contractor Yard

0 200 400 800
 Feet

FIGURE 2
 PROJECT OVERVIEW
 SHEET 2 of 4

OHIO VALLEY CONNECTOR EXPANSION
 EQUITRANS, L.P.



DRAWN BY: JG
 CHECKED: WJC

DATE: 10/5/2021
 APPROVED: JCB

REFERENCE: WORLD IMAGERY; OBTAINED THROUGH ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGNAND THE GIS USER COMMUNITY. ACCESSED 10/2021.

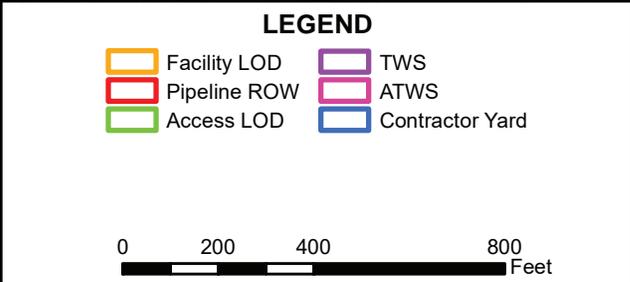
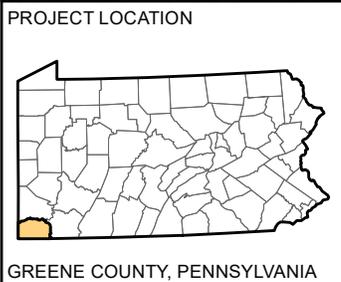


FIGURE 2
PROJECT OVERVIEW
SHEET 3 of 4

OHIO VALLEY CONNECTOR EXPANSION
 EQUITRANS, L.P.

DRAWN BY: JG DATE: 10/5/2021
 CHECKED: WJC APPROVED: JCB

REFERENCE: WORLD IMAGERY; OBTAINED THROUGH ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGNAND THE GIS USER COMMUNITY. ACCESSED 10/2021.



Greene
County

PROJECT LOCATION



GREENE COUNTY, PENNSYLVANIA

LEGEND

- Facility LOD
- Pipeline ROW
- Access LOD
- TWS
- ATWS
- Contractor Yard



FIGURE 2
PROJECT OVERVIEW
SHEET 4 of 4

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.



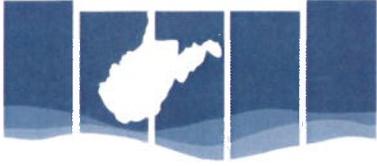
DRAWN BY: JG
CHECKED: WJC

DATE: 10/5/2021
APPROVED: JCB

REFERENCE: WORLD IMAGERY; OBTAINED THROUGH ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGNAND THE GIS USER COMMUNITY. ACCESSED 10/2021.

West Virginia State Historic Preservation Office

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West Virginia Department of
**ARTS, CULTURE
AND HISTORY**

The Culture Center
1900 Kanawha Blvd., E.
Charleston, WV 25305-0300

Randall Reid-Smith, Curator
Phone 304.558.0220 • www.wvculture.org
Fax 304.558.2779 • TDD 304.558.3562
EEO/AA Employer

January 13, 2022

Mr. Jonathan Glenn
Cultural Resources Manager
GAI Consultants, Inc. – Pittsburgh Office
385 East Waterfront Drive
Homestead, PA 15120
Via email: j.glenn@gaiconsultants.com

RE: Ohio Valley Connector Expansion Project
FR#: 22-45-WZ-2

Dear Mr. Glenn:

We have reviewed the above referenced project to determine its effects to cultural resources. As required by Section 106 of the National Historic Preservation Act, as amended, and its implementing regulations, 36 CFR 800: "Protection of Historic Properties," we submit our comments.

According to the submitted information, Equitrans, LP proposes to construct a series of pipelines and supporting appurtenances that will expand its existing Ohio Valley Connector pipeline. The proposed project will be located in Greene County, Pennsylvania, Wetzel County, West Virginia, and Monroe County, Ohio. Our comments pertain to only those portions of the project that will be constructed within West Virginia. It is our understanding that the archaeological portion of the project was reviewed under an earlier submittal.

Architectural Resources:

We have reviewed the submitted information and determined that no architectural properties eligible for or included in the National Register of Historic Places are located within the proposed project's direct or indirect Area of Potential Effects (APE). We remain in concurrence with our finding of no effect from the letter dated November 22, 2021. There are no structures within the direct APE of this project. No historic structures exist within the indirect APE of this project for visual effects. No further consultation is necessary regarding architectural resources; however, we ask that you contact our office if your project should change.

We appreciate the opportunity to be of service. *If you have questions regarding our comments or the Section 106 process, please contact Stephen L. Gifford, Structural Historian, at (304) 558-0240.*

Sincerely,

Susan M. Pierce
Deputy State Historic Preservation Officer

SMP/SLG

Jonathan Glenn

From: Jonathan Glenn
Sent: Thursday, January 13, 2022 3:10 PM
To: Lamarre DeMott, Lora A
Subject: 22-45-WZ - OVCX Unanticipated Discovery Plan
Attachments: 22-45-WZ - Equitrans OVCX - Unanticipated Discovery Plan.pdf

Lora,

For your review and comment, I have attached the *Plan for Unanticipated Discoveries of Cultural Resources and Human Remains* for the proposed Ohio Valley Connector Expansion Project in Wetzel County.

Thanks,
Jonathan

Jonathan Glenn, M.A., RPA
Cultural Resources Manager

Office 412.399.5191 Mobile 412.735.9970

GAI Consultants, Inc., 385 East Waterfront Drive, Homestead, PA 15120-5005

[Facebook](#) | [LinkedIn](#) | [Twitter](#) | [YouTube](#) | [News & Insights](#) | [gaiconsultants.com \(412-476-2000\)](#)



GAI Consultants

ENGINEERING, PLANNING, AND ENVIRONMENTAL CONSULTING SINCE 1958

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Plan for Unanticipated Discoveries of Cultural Resources and Human Remains

Equitrans, L.P.
Ohio Valley Connector Expansion Project
Wetzel County, West Virginia,
Greene County, Pennsylvania,
and Monroe County, Ohio

January 2022



Public Information

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2.2	Human Remains or Burials	3
3.0	Contacts for Unanticipated Discoveries	4
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1.0 Introduction

Equitrans, L.P. (Equitrans) is committed to the protection and preservation of cultural resources during construction of the Ohio Valley Connector Expansion (Project), in accordance with federal and state legislation. Equitrans recognizes that despite intensive cultural resources field investigations that were performed and reviewed by appropriate agencies prior to Project construction, it is nonetheless possible that potentially significant archaeological resources could be discovered during Project construction or maintenance activities, particularly during excavation activities. Equitrans also recognizes the requirement for compliance with federal and state laws and regulations regarding the treatment of human remains, if discovered.

As such, the procedures of the Plan for Unanticipated Discoveries of Cultural Resources and Human Remains (referred to herein as the Unanticipated Discovery Plan) were developed on behalf of Equitrans and in consultation with the West Virginia Department of Arts, Culture and History (WVDACH), the Pennsylvania State Historic Preservation Office (PA SHPO), and the Ohio Historic Preservation Office (OHPO). This Unanticipated Discovery Plan summarizes the approach that Equitrans (and/or its contractors or consultants) will use to address unanticipated discoveries of archaeological resources or human remains during construction activities within the Project's direct Area of Potential Effect (APE) which is the same footprint as the construction limits of disturbance.

The purpose of archaeological investigations during the planning of natural gas pipeline projects is to determine the presence or absence of historic properties within a project area. These archaeological investigations are conducted in accordance with standards set forth in the Federal Energy Regulatory Commission (FERC) Office of Energy Project's *Guidelines for Reporting on Cultural Resources Investigations for Natural Gas Projects* (2017), pursuant to 18 Code of Federal Regulations (CFR) Section 380.12(f), 380.14, and Part 380, Appendix A, to comply with the National Environmental Policy Act of 1969 and Section 106 of the National Historic Preservation Act of 1966, as amended (NHPA), and implementing regulations of the Advisory Council on Historic Preservation (36 CFR 800), specifically, those procedures regarding "post-review discoveries" as outlined in 36 CFR 800.13. Work is undertaken pursuant to the Secretary of the Interior Standards for Archaeology and Historic Preservation (48 Federal Register 44716-42 [1983]), the Native American Graves Protection and Repatriation Act (25 USC 3001 et seq.), and the applicable state laws, regulations, and guidance pertaining to the cultural resources and human remains, in particular: the WVDACH *Guidelines for Phase I, II, and III Archaeological Investigations and Technical Report Preparation* (Trader 2001); the PA SHPO *Guidelines for Archaeological Investigations in Pennsylvania* (PA SHPO 2021); Pennsylvania Historic Burial Places Act of 1994; Pennsylvania Consolidated Statutes Title 37 Section 104 et. seq., and the OHPO *Archaeology Guidelines* (OHPO 1994).

2.0 Procedures for the Unanticipated Discovery of Cultural Resources and Human Remains

This Unanticipated Discovery Plan will be followed in the event archaeological resources and/or human remains are encountered during construction of the Project. Archaeological remains consist of manmade objects or features greater than 50 years of age. These remains include, but are not limited to, items such as artifacts (e.g., stone flakes, stone tools, ceramics, glass, architectural material), fire pits, building foundations, and human remains.

Inspectors (environmental and construction) have the responsibility to monitor the construction sites for potential archaeological remains throughout construction. As a result, Equitrans inspectors and construction contractor personnel will be given basic training in cultural resources site recognition and the Unanticipated Discovery Plan will be included in relevant construction contractor documents. The purpose of this training will be to review Equitrans' commitments regarding cultural resources compliance and to provide an overview of the general cultural history of the various Project areas, so that both Equitrans and construction personnel will be aware of the kinds of archaeological resources

that may be encountered in the field. In addition, the training program will emphasize the exact procedures to be followed, as outlined in this Unanticipated Discovery Plan, regarding actions to be taken and notifications required in the event of a significant site discovery, such as a discovery of human remains, during construction.

The training will inform Project personnel and construction contractors as to the extent of the archaeological survey program that has been performed for the Project and make them aware of the distinction between sites that already have been located and “cleared” under the cultural resource program (i.e., sites that have been determined to be non-significant after appropriate levels of investigation and SHPO consultation) and new discoveries that may be made during the construction process.

The Lead Environmental Inspector (LEI) is primarily the person responsible for advising the construction contractor's personnel on the procedures to follow in the event that an unanticipated discovery is made. A copy of this Unanticipated Discoveries Plan will be maintained by the Environmental Inspectors and at the construction field office. The LEI will advise all operators of equipment involved in grading, stripping, or trenching activities to:

- ▶ Stop work immediately if they observe any indications of the presence of cultural materials or possible human bone;
- ▶ Immediately contact the LEI (or the Construction Inspector [CI] if the LEI is not available); and
- ▶ Treat human remains with dignity and respect.

2.1 Cultural Resources (Not Involving Human Remains)

The following procedures are designed to deal with unanticipated discovery of potential cultural resources encountered during construction. Additional procedures for discovery of potential human remains are outlined under the next heading.

- The Contractor will stop work in the vicinity of the potential find and immediately notify the LEI, who will then notify Equitrans' Environmental Project Manager.
- Further construction work in the vicinity of the find will be temporarily suspended until applicable requirements of Section 106 of the NHPA and other related federal and state regulations have been successfully completed.
- Reasonable effort must be made to protect and secure the discovery. At least a 100-foot buffer between the find and construction activity will be maintained to avoid further impact to the potential cultural resource. As a protective measure, the find will be encompassed with temporary construction fencing. The Contractor will not restart work in the area of the find until the LEI has granted clearance.
- The LEI will inform the Project Archaeological Consultant (AC) of the discovery. If the Archaeological Consultant determines the find does not represent an archaeological site, or determines that the find is a previously known and cleared archaeological resource and that the find would not alter the current understanding of that resource, the AC will report the information to the LEI and the Equitrans' Environmental Project Manager. The LEI will then grant clearance to the construction crews for work to resume.
- If the AC determines the find is not a previously known and cleared resource, or potentially represents information that would alter the current understanding of a previously known and cleared archaeological resource, the AC will notify the LEI. The AC will then conduct cursory analysis and/or a preliminary field assessment of the discovery to determine if it is potentially a significant archaeological site.
- If the AC determines the find is a non-significant archaeological site (e.g., lacks the type of archaeological features, intact contexts, or patterned artifact distributions that

could provide substantive information regarding prehistory or history), the AC will document that determination and notify the LEI that construction may proceed in the vicinity of the find without additional action. The LEI will grant clearance to the construction crews for work to resume.

- If the AC determines the find is a potentially significant archaeological site (potentially eligible for listing in the National Register of Historic Places [NRHP]) or represents information that would alter the current understanding of a previously known and cleared archaeological resource, Equitrans will notify FERC, the relevant SHPO, and appropriate tribal organizations of this determination. Additional work, such as a Determination of Eligibility, avoidance, or Data Recovery will be performed as required/approved by the SHPO and FERC.
 - ▶ The AC will evaluate the potentially significant discovery and assess its horizontal and vertical extent, cultural association(s), and integrity. If the find appears to be significant, the AC will also evaluate potential strategies (i.e., the installation of protective fencing or matting) that would allow the passage of construction equipment through the discovery area pending treatment of the cultural resource. Apart from the potential installation of matting or other protective measures, further ground disturbing activities within the flagged or fenced-off discovery location will not resume until authorized by FERC.
 - ▶ The AC will inform the LEI, Equitrans' Environmental Project Manager, FERC, the relevant SHPO, and appropriate tribal organizations of the findings and recommendations regarding site significance and, if necessary, the implementation of protective measures.
 - ▶ If, upon further analysis by the AC, the find is determined to lack significance, Equitrans' Environmental Project Manager will consult with the SHPO and FERC, and other appropriate parties as necessary, to request approval to resume construction as warranted. If approved, Equitrans' Environmental Project Manager will notify the LEI who will grant clearance to the Contractor to resume work.
 - ▶ If FERC determines the find is eligible for the NRHP, the AC will develop an archaeological treatment plan that will be submitted to FERC, the relevant SHPO, and appropriate tribal organizations for review and comment.
 - ▶ Upon authorization by FERC, Equitrans will implement the treatment plan.
 - ▶ Upon receiving written acceptance from FERC of the results of the implemented treatment, the LEI will grant clearance to the Contractor to resume ground-disturbing activities within the discovery area.

2.2 Human Remains or Burials

Human remains may include any human body parts. If in doubt whether the bones are human, it is best to stop work in the immediate area of the discovery and seek advice from an anthropologist, archaeologist, pathologist, osteologist, or mortician. Burials may also include clusters of artifacts (particularly shells or beads) or modern grave features (i.e., headstones, coffin parts, etc.). In the event that potential or confirmed human remains are discovered, the procedure outlined below will be followed.

- If unmarked human burial or skeletal remains are encountered during construction activities, construction work in the immediate vicinity of the discovery will cease. All human remains and/or grave items should be left in place and treated with dignity and respect. Construction crews will not collect, disturb, or remove materials determined to be human remains or associated grave objects. All efforts will be made to exclude the

general public from viewing any gravesites and/or funerary objects and no photographs of any gravesites and/or funerary objects will be released to or taken by the press or posted on social media.

- The construction crew will immediately notify the LEI of the discovery that appears to be associated with human remains or an unmarked grave. The LEI will notify Equitrans' Environmental Project Manager and the AC.
- Reasonable effort must be made to protect and secure the discovery. At least a 100-foot buffer between the find and construction activity will be maintained to avoid further impact to the potential cultural resource. As a protective measure, the find will be encompassed with temporary construction fencing. The Contractor will not restart work in the area of the find until the LEI has granted clearance.
- The AC will examine and document the possible human discovery. If the AC determines the finds are human remains or funerary grave items, the AC will immediately notify the LEI and Equitrans' Environmental Project Manager. Equitrans' Environmental Project Manager will notify the appropriate law enforcement agency as well as the SHPO, FERC, and federally recognized Native American tribal organizations with an established interest in the Project.
- If the local law enforcement agency, in conjunction with the AC determines the remains are not modern or do not reflect a crime scene, and/or if they otherwise relinquish their jurisdiction over the remains, Equitrans will assist FERC in consulting appropriate parties (e.g., SHPO, federally recognized Native American tribal organizations, and/or the landowner) regarding additional steps to be followed.
- If the human or burial-related remains are Native American, a reasonable effort will be made to identify, locate, and notify the appropriate Tribal organization. If it is determined the remains are not Native American, a reasonable effort will be made to determine the identity or next of kin of the deceased.
- The measures to protect the remains and associated artifacts will remain in effect until they have been fully evaluated, appropriate treatment of the discovery (if applicable) has been completed, and Equitrans has received written notice from FERC to proceed with construction at the discovery site.
- After successful implementation of the treatment plan and receiving written approval from the FERC, Equitrans' Environmental Project Manager will notify the LEI who will grant clearance to the Contractor to resume work in the vicinity of the find.

3.0 Contacts for Unanticipated Discoveries

Lead Environmental Inspector

To be determined

Mobile:

Office:

Email:

Equitrans Environmental Project Manager

Erin Debias

Mobile: 412-737-0932

Office: 724-271-7378

EDebias@equitransmidstream.com

FERC Project Manager

To be determined
Mobile:
Office:
Email:

FERC Project Archaeologist

To be determined
Mobile:
Office:
Email:

WV SHPO

Susan Pierce
Director, Deputy State Historic Preservation Officer
West Virginia Department of Arts, Culture and History
The Cultural Center, Capitol Complex
1900 Kanawha Boulevard East
Charleston, West Virginia 25305-0300
304-558-0240, ext. 158
susan.m.pierce@wv.gov

PA SHPO

Andrea MacDonald
Bureau Director / Deputy State Historic Preservation Officer
Pennsylvania State Historic Preservation Office
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, Pennsylvania 17120-0093
717-783-8946
amacdonald@pa.gov

OH SHPO

Diana Welling
Department Head & Deputy State Historic Preservation Officer for Resource Protection & Review
800 E. 17th Ave.
Columbus, OH 43211-2474
614-298-2000
dwelling@ohiohistory.org

WV Medical Examiner

Chief Medical Examiner
Allen Mock, M.D.
619 Virginia Street West
Charleston, West Virginia 25302
304-558-6920

WV Sheriff (Wetzel County)

Sheriff
Michael L. Koontz
200 Main Street
New Martinsville, West Virginia 26155
304-455-8231

PA Medical Examiner

Coroner
Gene Rush
Ben Franklin Building
22 West High Street, 1st Floor
Waynesburg, Pennsylvania 15370
724-852-5286

PA Sheriff (Greene County)

Sherriff
Marcus Simms
Greene County Courthouse
10 East High Street, 1st Floor
Waynesburg, Pennsylvania 15370
724-852-5218

OH Medical Examiner

Coroner
Kevin L. Sharrett, M.D.
120 East Main Street
Xenia, Ohio 45385
937-562-5050

OH Sheriff (Monroe County)

Sheriff
Charles R. Black, Jr.
47129 Moore Ridge Road
Woodsfield, Ohio 43793
740-472-1612

Federally-Recognized Native American Tribal Organizations

A list of tribal organization contacts will be developed based on responses to the informational letter. Only those organizations requesting to be kept informed about the Project will be included as possible contacts. This Unanticipated Discovery Plan will be updated accordingly.

4.0 References

Federal Energy Regulatory Commission. 2017. *Guidelines for Reporting on Cultural Resources Investigations for Natural Gas Projects*. Office of Energy Projects, Washington, D.C.

Ohio Historic preservation Office (OHPO). 1994. *Archaeology Guidelines*. Ohio History Connection, Columbus.

Pennsylvania State Historic Preservation Office (PA SHPO). 2021. *Guidelines for Archaeological Investigations in Pennsylvania*. Pennsylvania Historical and Museum Commission, Harrisburg.

Trader, Patrick. 2001. *Guidelines for Phase I, II, and III Archaeological Investigations and Technical Report Preparation*. West Virginia Division of Culture and History, Charleston.

From: Dana Cress
Sent: Tuesday, December 28, 2021 2:53 PM
To: Jonathan Glenn; Riggle, Benjamin M; Dana Cress
Subject: Dana Cress shared the folder "22-45-WZ_OVCX" with you.

Follow Up Flag: Flag for follow up
Flag Status: Flagged

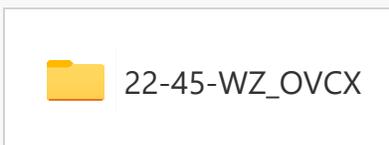


Dana Cress shared a folder with you

Hi, Ben.

This link is the data transfer for the Ohio Valley Connector Expansion (22-45-WZ) Project. I've copied the cultural resources task manager and myself for FERC records. A hardcopy will not follow unless requested.

Thanks,
Dana Cress



 This link only works for the direct recipients of this message.

Open



[Privacy Statement](#)



From: Jonathan Glenn
Sent: Tuesday, December 28, 2021 10:33 PM
To: lora.a.lamarredemott@wv.gov
Subject: 22-45-WZ archaeology report

Lora,

I am providing the following OneDrive link to submit a Phase I Archaeological Survey Report (22-45-WZ) for Section 106 Review. The link includes a PDF file of the report, PDF files for a site form and a cemetery form, a folder containing GIS shapefiles of the survey limits, and a folder containing GIS shapefiles of the site and cemetery boundaries.

https://gaiconsultants-my.sharepoint.com/:f:/p/j_glenn/EkGWviiqIJ2ZJgV-Spb8xh_UBL4P5XF_RnM3eli8eRoUTlg?email=lora.a.lamarredemott%40wv.gov&e=KLWhwy

Please let me know if you are able to access these files, or if you need them provided via a different method.

Thanks,
Jonathan

Jonathan Glenn, M.A., RPA
Cultural Resources Manager

Office 412.399.5191 Mobile 412.735.9970

GAI Consultants, Inc., 385 East Waterfront Drive, Homestead, PA 15120-5005

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West Virginia Department of
**ARTS, CULTURE
AND HISTORY**

The Culture Center
1900 Kanawha Blvd., E.
Charleston, WV 25305-0300

Randall Reid-Smith, Curator
Phone 304.558.0220 • www.wvculture.org
Fax 304.558.2779 • TDD 304.558.3562
EEO/AA Employer

November 22, 2021

Mr. Jonathan Glenn
Cultural Resources Manager
GAI Consultants, Inc. – Pittsburgh Office
385 East Waterfront Drive
Homestead, PA 15120
Via email: j.glenn@gaiconsultants.com

RE: Ohio Valley Connector Expansion Project
FR#: 22-45-WZ

Dear Mr. Glenn:

We have reviewed the above referenced project to determine its effects to cultural resources. As required by Section 106 of the National Historic Preservation Act, as amended, and its implementing regulations, 36 CFR 800: "Protection of Historic Properties," we submit our comments.

According to the submitted information, Equitrans, LP proposes to construct a series of pipelines and supporting appurtenances that will expand its existing Ohio Valley Connector pipeline. The proposed project will be located in Greene County, Pennsylvania, Wetzel County, West Virginia, and Monroe County, Ohio. Within West Virginia, the proposed project will include the construction of four segments of pipeline, H-326, H-329, H-330, and the Logansport Spur, the construction of one additional M-100 compressor unit at the existing Plasma Compressor Station, additional ancillary facilities such as mainline valves, metering and regulating equipment, and internal inspection device launchers and receivers, and new and existing temporary and permanent access roads, staging areas, and contractor/laydown yards. Our comments pertain to only those portions of the project that will be constructed within West Virginia.

Archaeological Resources:

We understand that GAI has initiated an archaeological survey for the proposed project. The study area generally consists of a 300-foot-wide corridor centered on the proposed pipelines, a 50-foot-wide corridor centered on the proposed access roads, and the limits of disturbance for workspaces and contractor yards that extend beyond those corridors. The wider corridors will allow for minor adjustments to be made to the pipeline right-of-way as needed. A search of our records indicates that portions of the proposed project were previously surveyed in advance of the Ohio Valley Connector and other nearby pipelines. As well, archaeological sites have been identified within the vicinity of the currently proposed project. As a result, we are concerned that unknown archaeological sites might be impacted by the proposed project and concur that a survey should be

November 22, 2021
Mr. Glenn
FR# 22-45-WZ
Page 2

conducted prior to initiating project related activities. Areas that have been covered by previous survey need not be included in the current field effort. We will provide further comment upon receipt of the resulting report.

Architectural Resources:

We have reviewed the submitted information and determined that no architectural properties eligible for or included in the National Register of Historic Places are located within the proposed project's direct or indirect Area of Potential Effects (APE). There are no structures within the APE of this project. Work consists of pipeline replacement, permanent effects are limited to the existing ROW. No further consultation is necessary regarding architectural resources; however, we ask that you contact our office if your project should change.

We appreciate the opportunity to be of service. *If you have questions regarding our comments or the Section 106 process, please contact, Lora A Lamarre-DeMott, Senior Archaeologist, or Stephen L. Gifford, Structural Historian, at (304) 558-0240.*

Sincerely,



Susan M. Pierce
Deputy State Historic Preservation Officer

SMP/LLD/SLG



October 29, 2021

Project R210388.00

Ms. Susan Pierce
Director, Deputy State Historic Preservation Officer
West Virginia Division of Culture and History
The Cultural Center, Capitol Complex
1900 Kanawha Boulevard East
Charleston, West Virginia 25305-0300

Initial Consultation
FR # Pending
Ohio Valley Connector Expansion Project
Equitrans, L.P.
Wetzel County, West Virginia

Dear Ms. Pierce:

GAI Consultants, Inc. (GAI), on behalf of Equitrans, L.P. (Equitrans) is contacting the West Virginia (WV) State Historic Preservation Office (SHPO) to initiate consultation for a new proposed natural gas project, the Ohio Valley Connector Expansion (Project). A Project description is provided below, and Project locations in WV are included on the maps provided in Attachment 1. Equitrans has contracted GAI to provide environmental and cultural resources consulting services to support the federal, state, and local permitting for the Project.

Project Description

Equitrans is seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (FERC) pursuant to Section 7(c) of the Natural Gas Act (NGA) as amended, authorizing Equitrans to construct and operate the proposed Project located in Greene County, Pennsylvania (PA), Wetzel County, WV, and Monroe County, Ohio (OH).

The purpose of the Project is to supply an increased volume of natural gas to the Ohio Valley Connector (OVC) market through which gas is transported to expanding mid-continent and Gulf Coast markets.

The preliminary scope of facilities currently includes the following proposed pipelines, associated aboveground facilities, access roads, cathodic protection, staging areas, and contractor/laydown yards:

- ▶ Approximately 0.5 mile of 16-inch-diameter natural gas pipeline (H-327) in Greene County, PA;
- ▶ Approximately 0.5 mile of 12-inch-diameter natural gas pipeline (H-328) in Greene County, PA;
- ▶ Approximately 3.7 miles of 24-inch-diameter natural gas pipeline (H-326) in Wetzel County, WV;
- ▶ Approximately 0.02 miles of 8-inch-diameter natural gas pipeline (H-329) in Wetzel County, WV;
- ▶ Approximately 0.7 miles of 16-inch-diameter natural gas pipeline (H-330) in Wetzel County, WV;
- ▶ Approximately 0.03 miles of 12-inch-diameter natural gas pipeline (Logansport Spur) in Wetzel County, WV;
- ▶ Removal of the existing 3606 compressor and addition of two T-70 turbines at the existing Cygrymus Compressor Station with additional mechanical and electrical equipment to support the horsepower (HP) increase in Greene County, PA;
- ▶ One additional M-100 compressor unit at the existing Corona Compressor Station with additional mechanical and electrical equipment to support the HP increase in Wetzel County, WV;
- ▶ One additional Titan T130 compressor unit at the existing Plasma Compressor Station with additional mechanical and electrical equipment to support the HP increase in Monroe County, OH;
- ▶ One deep well anode groundbed and rectifier for cathodic protection in Greene County, PA;
- ▶ Additional ancillary facilities, such as mainline valves (MLVs), metering and regulating equipment, and internal inspection device (e.g., pig) launchers and receivers in Greene County, PA and Wetzel County, WV; and,
- ▶ New and existing temporary and permanent access roads, staging areas, and contractor/laydown yards in Greene County, PA and Wetzel County, WV.

Proposed Area of Potential Effect

GAI has initiated an archaeological survey and an architectural and historical resources investigation of the Project as currently designed. The archaeological study area is wider than the Project to allow for subsequent adjustments in Project design. This study area generally consists of a 300-foot-wide corridor centered on the proposed pipelines, a 50-foot-wide corridor centered on the proposed access roads, and the limits of workspaces and contractor yards that extend beyond those corridors.

The Area of Potential Effect (APE) involves direct and indirect potential impacts by the Project to cultural resources. The direct impact APE is considered to be the area of ground disturbance created by project construction activities (limits of disturbance [LOD]). The direct impact APE applies primarily to archaeological resources and is defined as those locations associated with the proposed undertaking where there will be physical alteration and/or disturbance of surface and subsurface soils.

For the purposes of the archaeological survey, the direct impact APE includes the limits of the proposed temporary workspaces (temporary right-of-way [ROW] and additional temporary workspace [ATWS]), staging areas, contractor yards, aboveground facilities, and access roads. Along the proposed pipelines, the direct APE is generally comprised of a 100-foot-wide construction ROW with ATWS in select locations extending to various widths beyond the ROW as needed for safe construction. Access roads typically are up to 30 feet wide, and contractor yards/staging areas are defined by their individual limits.

Architectural and historical investigations took into account an indirect APE in addition to the direct APE described above. The indirect APE applies primarily to architectural and historical resources and includes areas where potential noise, vibration, and other construction activities could impact historic properties in proximity to those activities. The indirect APE also accounts for line-of-sight (viewshed) impacts that could result from tree cutting or installation of aboveground facilities. The indirect APE minimally consists of the LOD discussed above, and a buffer extending in a maximum 0.5-mile radius from proposed aboveground Project facilities and areas of possible tree clearing associated with Project construction. Contractor yards and access roads generally were not assessed to have potential viewshed impacts beyond the immediately adjacent areas because they have only a temporary aboveground component and likely no substantial tree cutting will be proposed. The indirect APE was generally terminated before the 0.5-mile maximum, where vegetation, topography, or other existing infrastructure obstructed lines-of-sight.

Project Requests

Based on the information presented in this letter, Equitrans would appreciate your review and comments regarding the potential for the Project to affect archaeological or historic architectural resources.

GAI and Equitrans look forward to working with you on the Project relative to Section 106 consultation. If you have questions regarding this submission, please contact me at 412-399-5191 or via email at j.glenn@gaiconsultants.com.

Sincerely,

GAI Consultants, Inc.



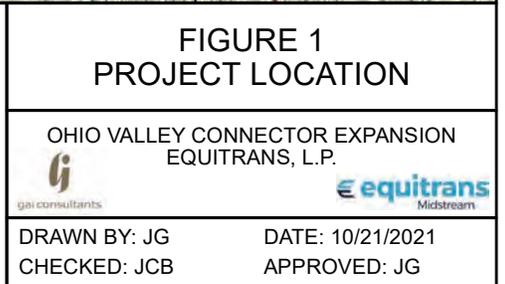
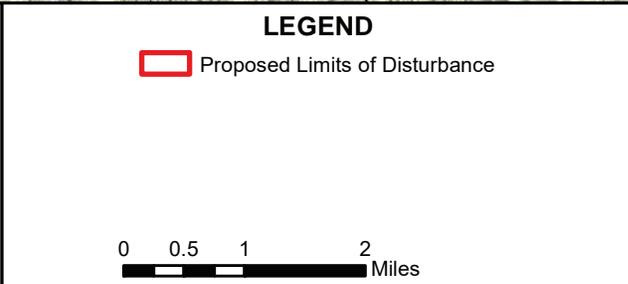
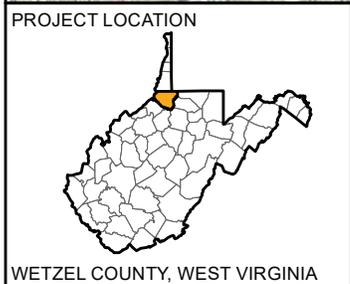
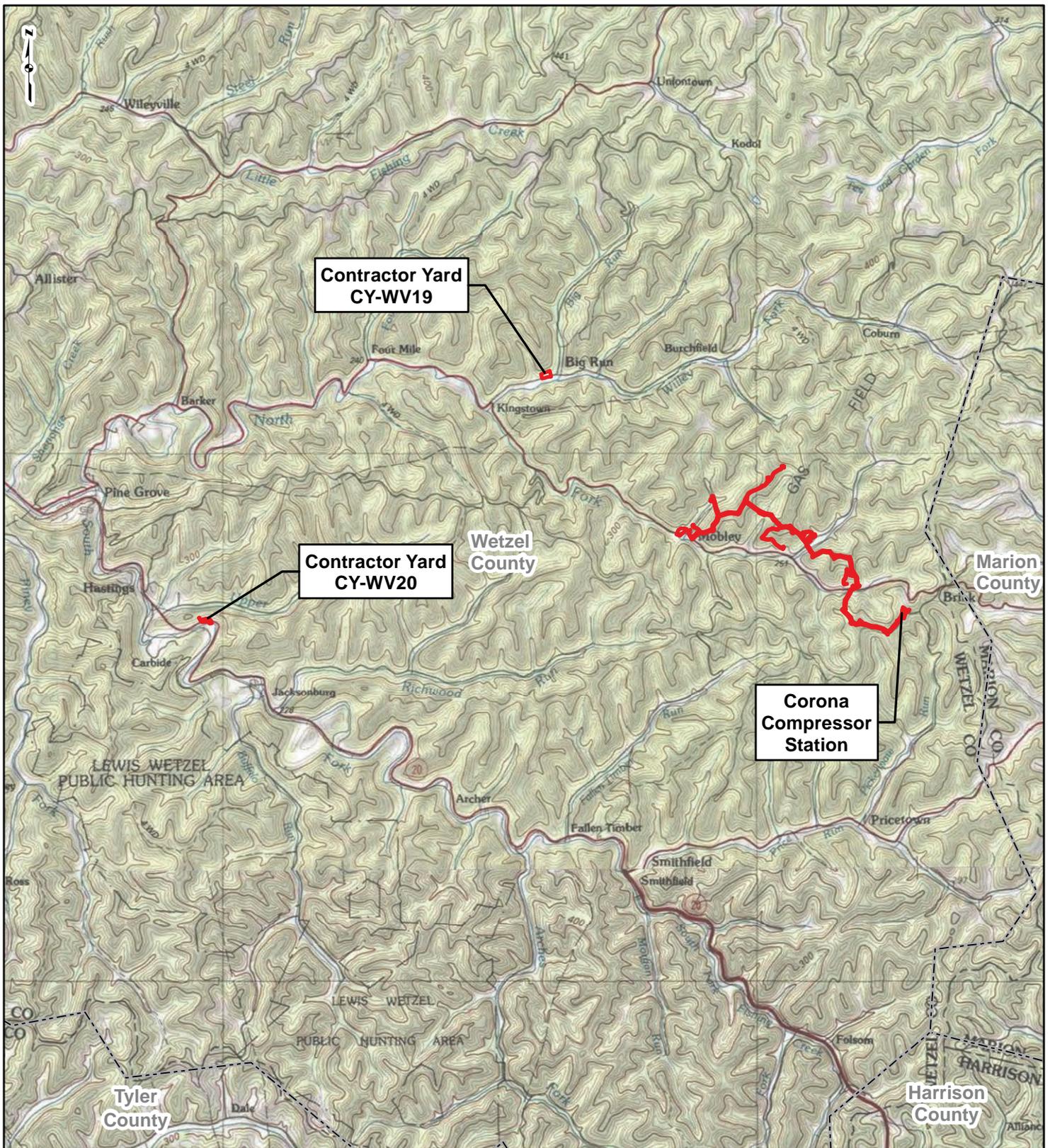
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Date: 2021.10.29 13:26:20 -04'00'

Jonathan Glenn, M.A., RPA
Cultural Resources Manager

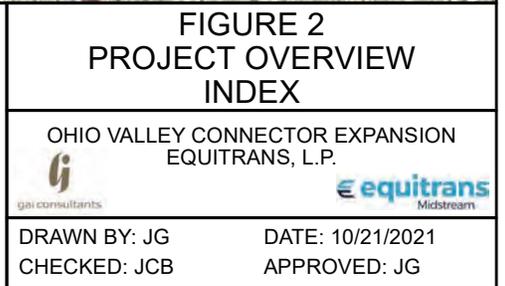
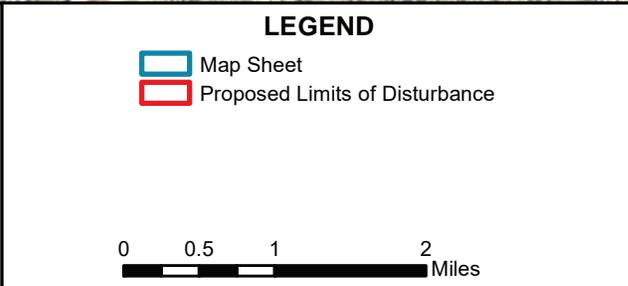
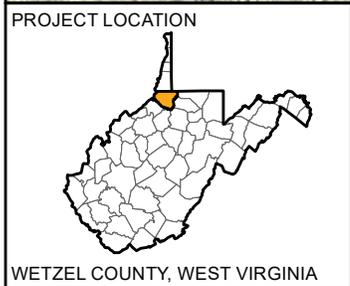
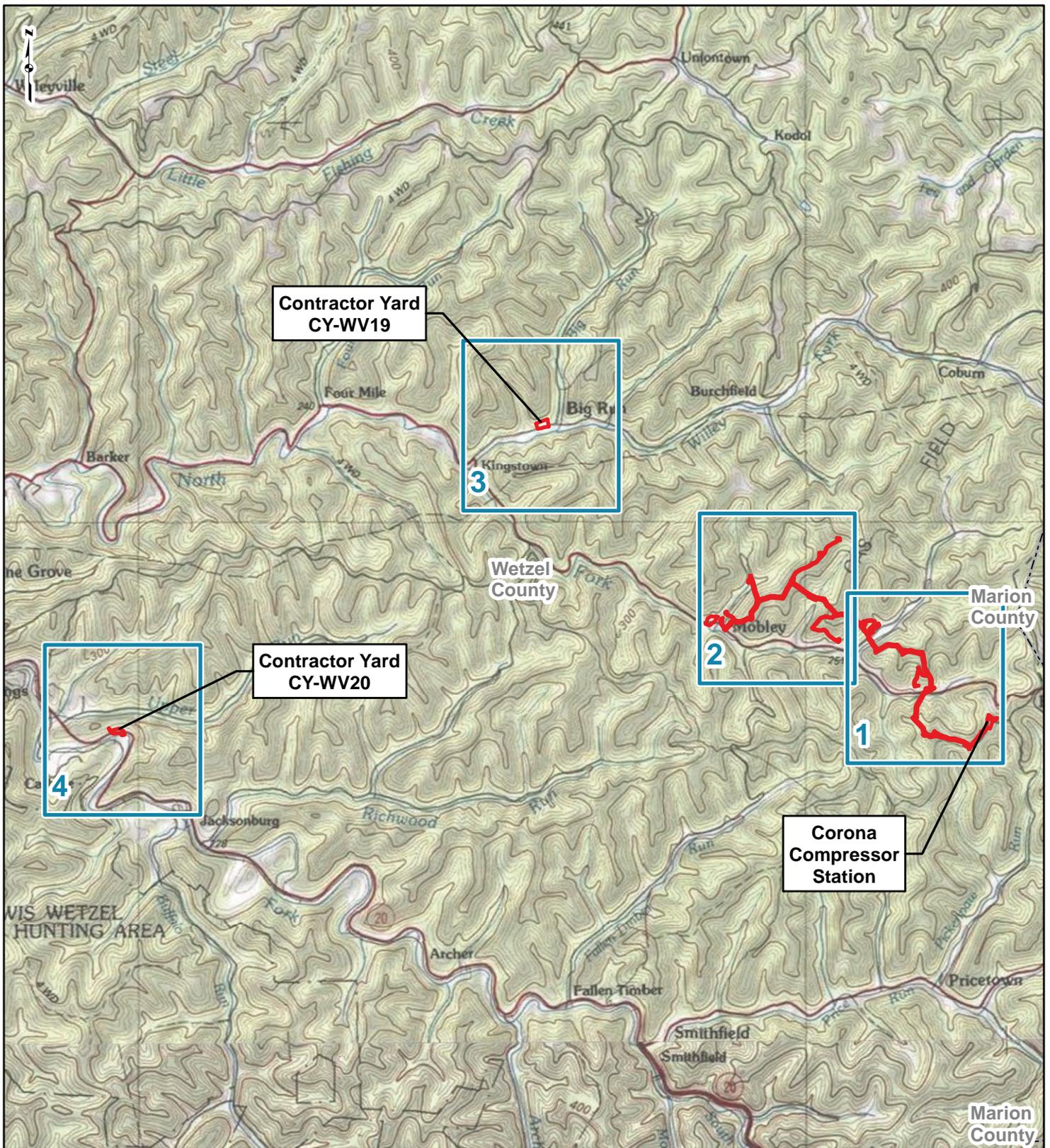
Attachments: West Virginia Location, Overview, and Setting Maps

cc: Ms. Erin Debias, Equitrans
Ms. Ashley Merks, Equitrans

ATTACHMENT 1
WEST VIRGINIA LOCATION, OVERVIEW, AND SETTING MAPS



REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: HOLBROOK, PA (1973); HUNDRED, WV (1978); NEW FREEPORT, PA (1973); AND WAYNESBURG, PA, (1973); OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 10/2021.



REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: HOLBROOK, PA (1973); HUNDRED, WV (1978); NEW FREEPORT, PA (1973); AND WAYNESBURG, PA, (1973); OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 10/2021.

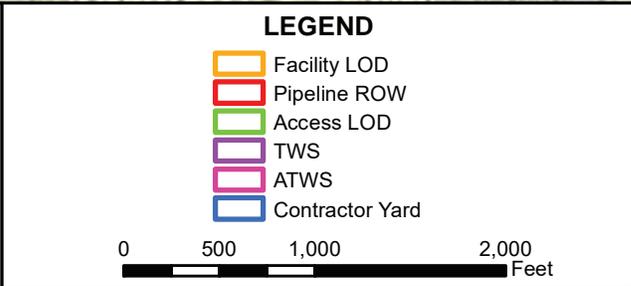
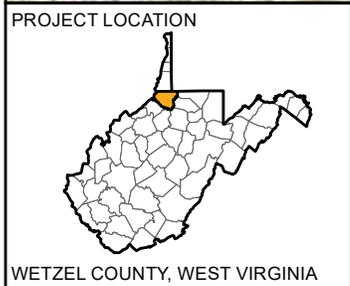
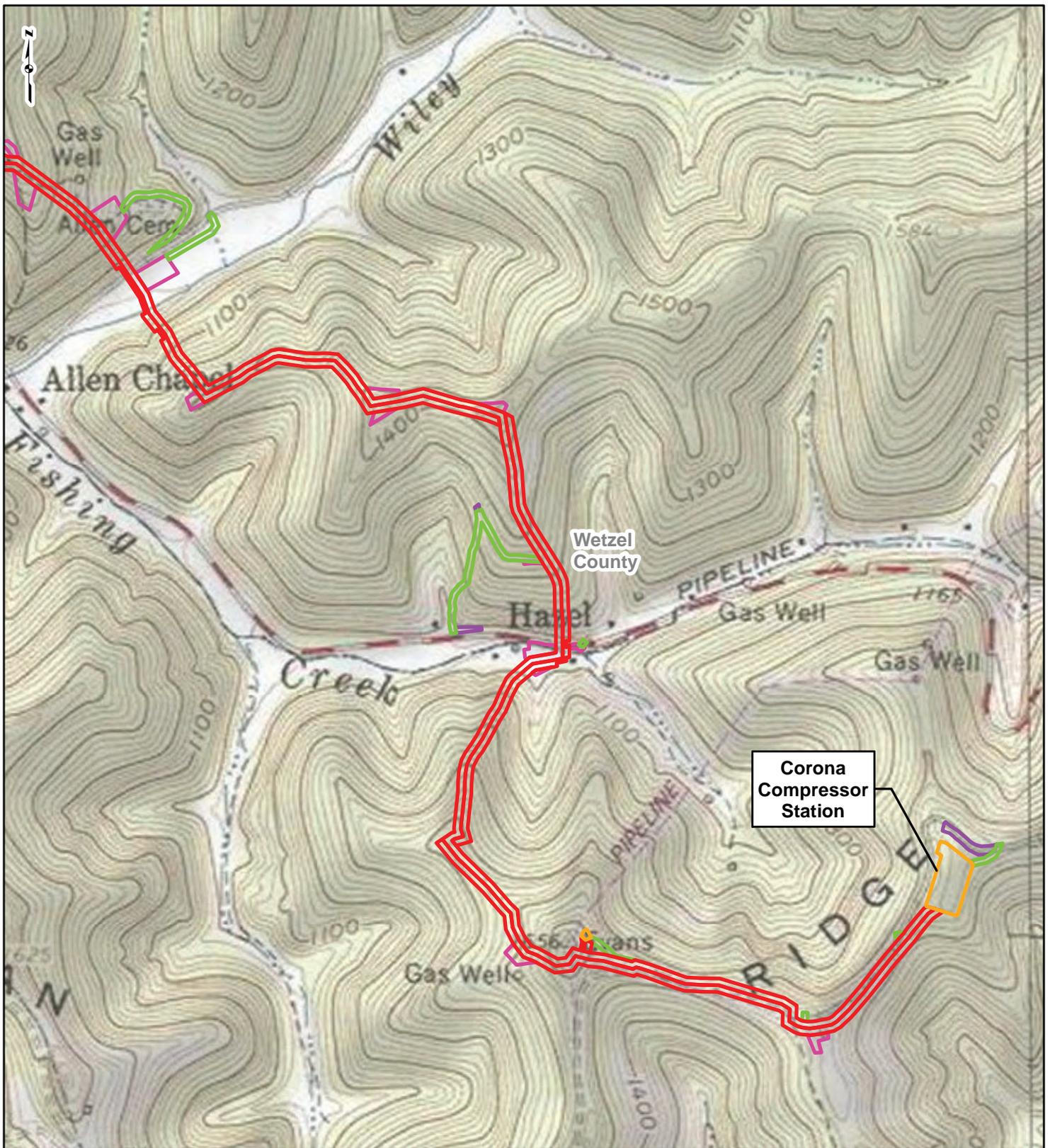


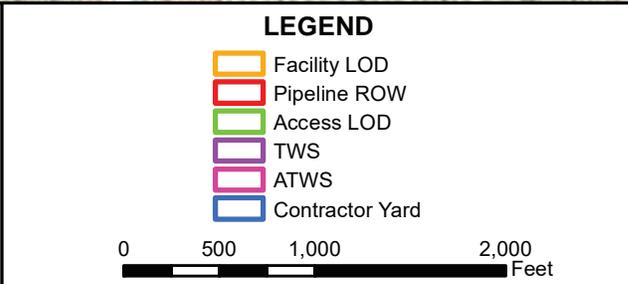
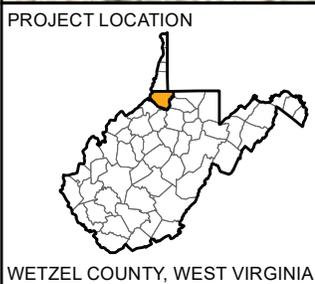
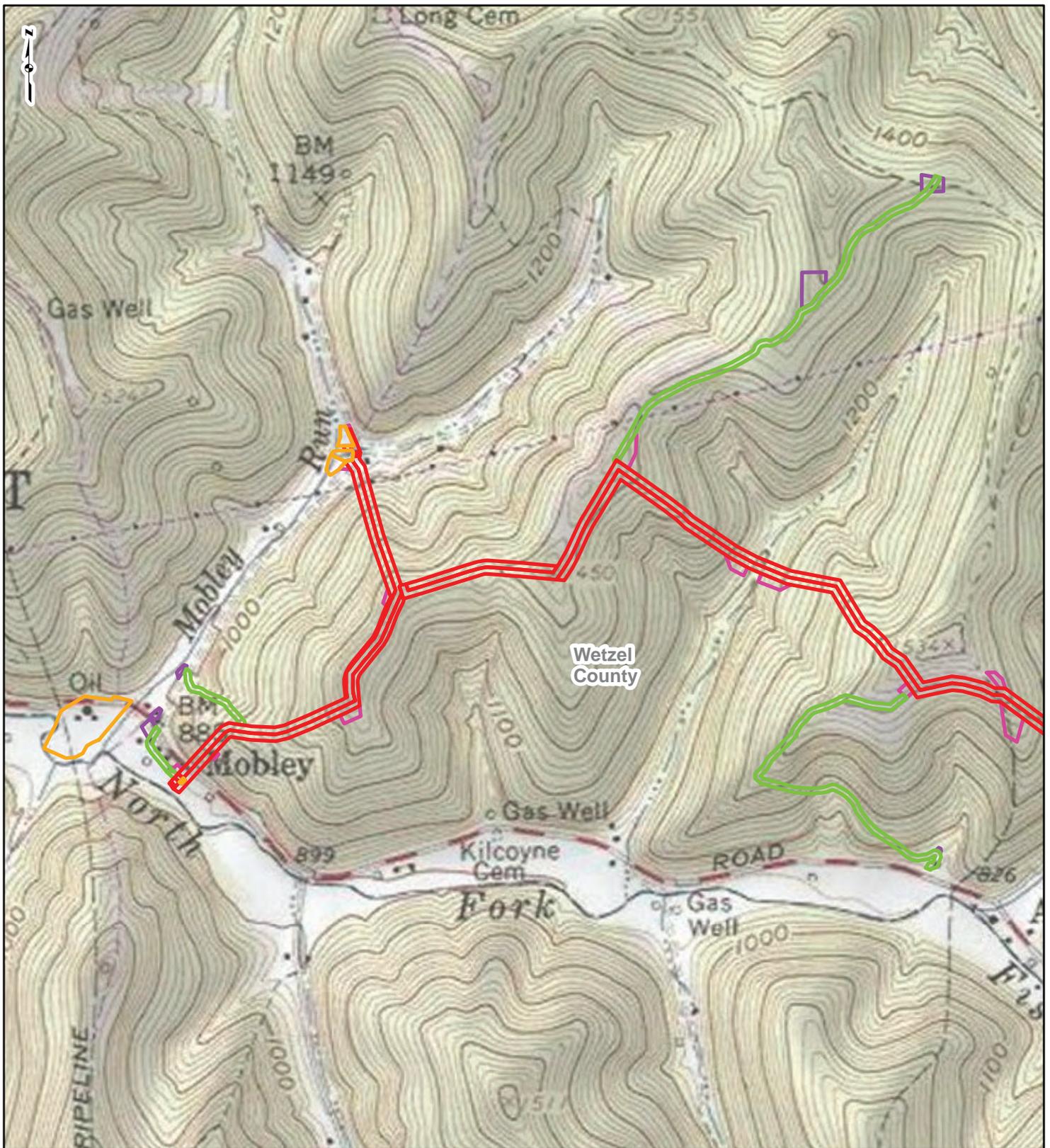
FIGURE 2
PROJECT OVERVIEW
SHEET 1 of 4

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.




DRAWN BY: JG DATE: 10/21/2021
 CHECKED: JCB APPROVED: JG

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: HOLBROOK, PA (1973); HUNDRED, WV (1978); NEW FREEPORT, PA (1973); AND WAYNESBURG, PA, (1973); OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 10/2021.



**FIGURE 2
PROJECT OVERVIEW
SHEET 2 of 4**

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.




DRAWN BY: JG DATE: 10/21/2021
 CHECKED: JCB APPROVED: JG

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: HOLBROOK, PA (1973); HUNDRED, WV (1978); NEW FREEPORT, PA (1973); AND WAYNESBURG, PA, (1973); OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 10/2021.

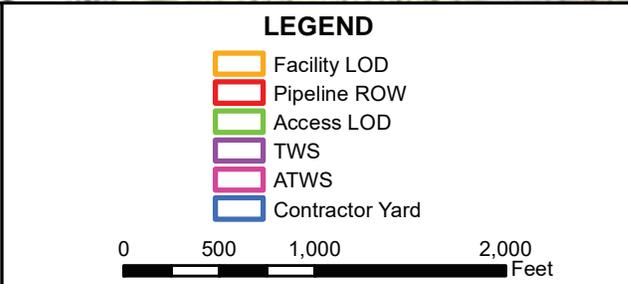
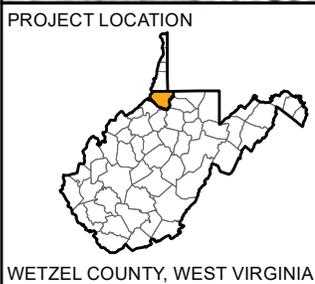
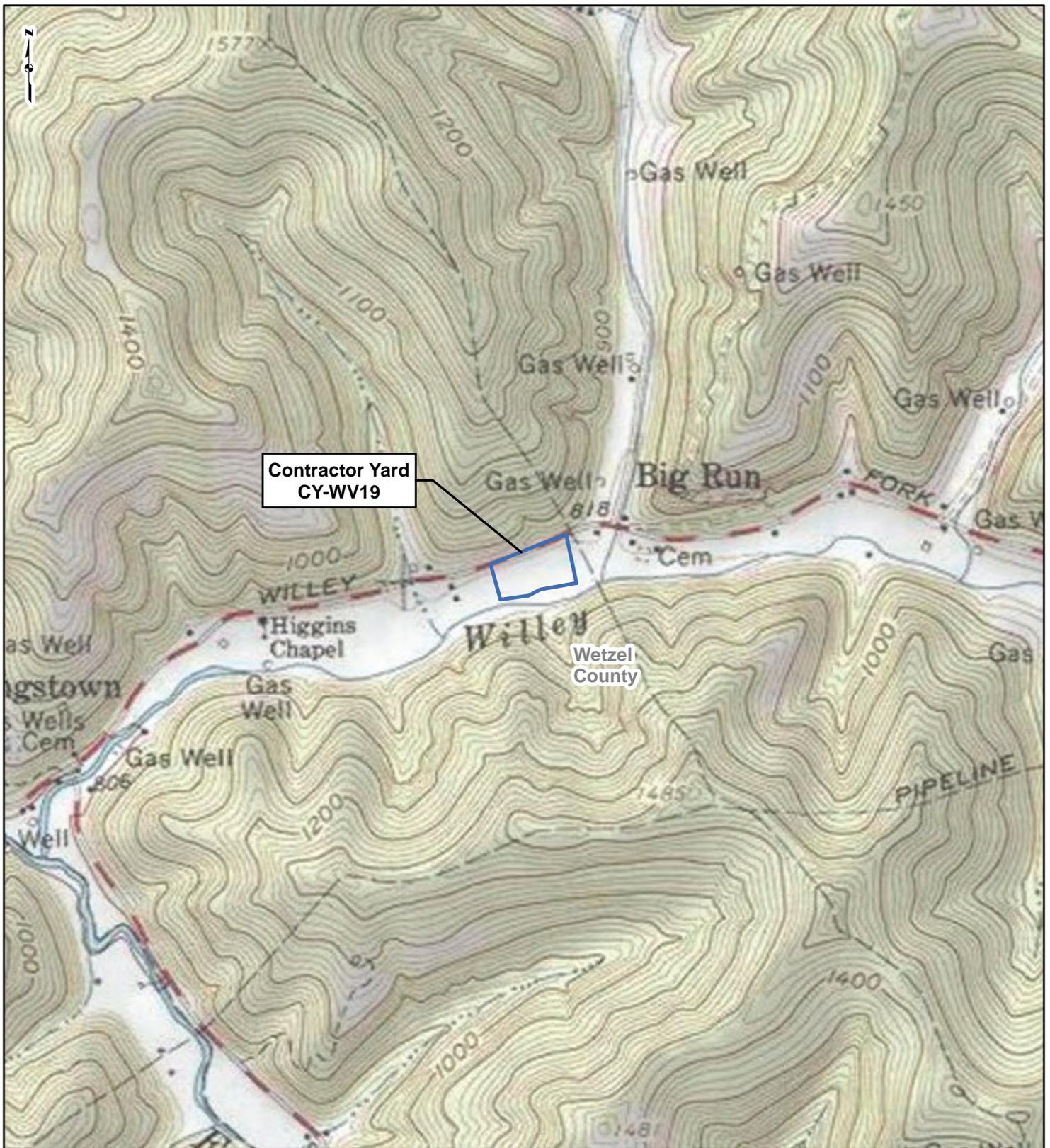


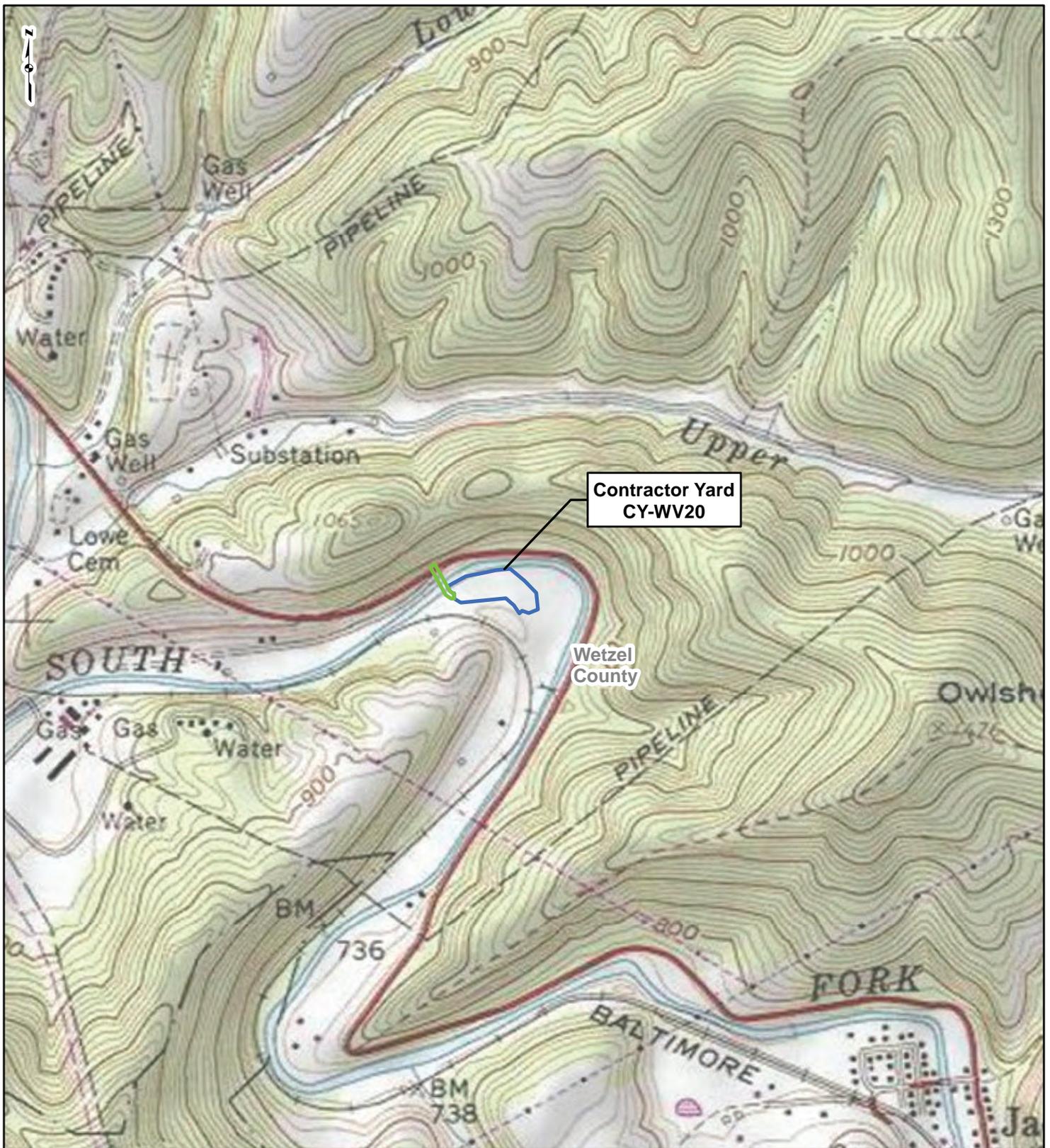
FIGURE 2
PROJECT OVERVIEW
SHEET 3 of 4

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.




DRAWN BY: JG DATE: 10/21/2021
 CHECKED: JCB APPROVED: JG

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: HOLBROOK, PA (1973); HUNDRED, WV (1978); NEW FREEPORT, PA (1973); AND WAYNESBURG, PA, (1973); OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 10/2021.



PROJECT LOCATION



WETZEL COUNTY, WEST VIRGINIA

LEGEND

- Facility LOD
- Pipeline ROW
- Access LOD
- TWS
- ATWS
- Contractor Yard



FIGURE 2
PROJECT OVERVIEW
SHEET 4 of 4

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.



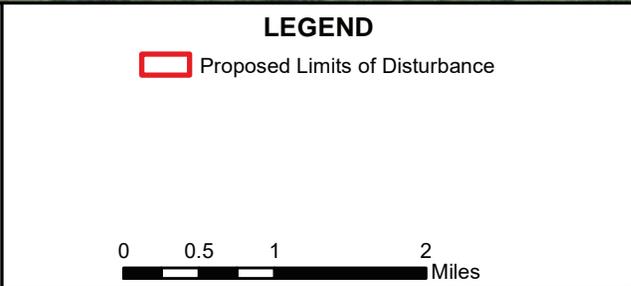
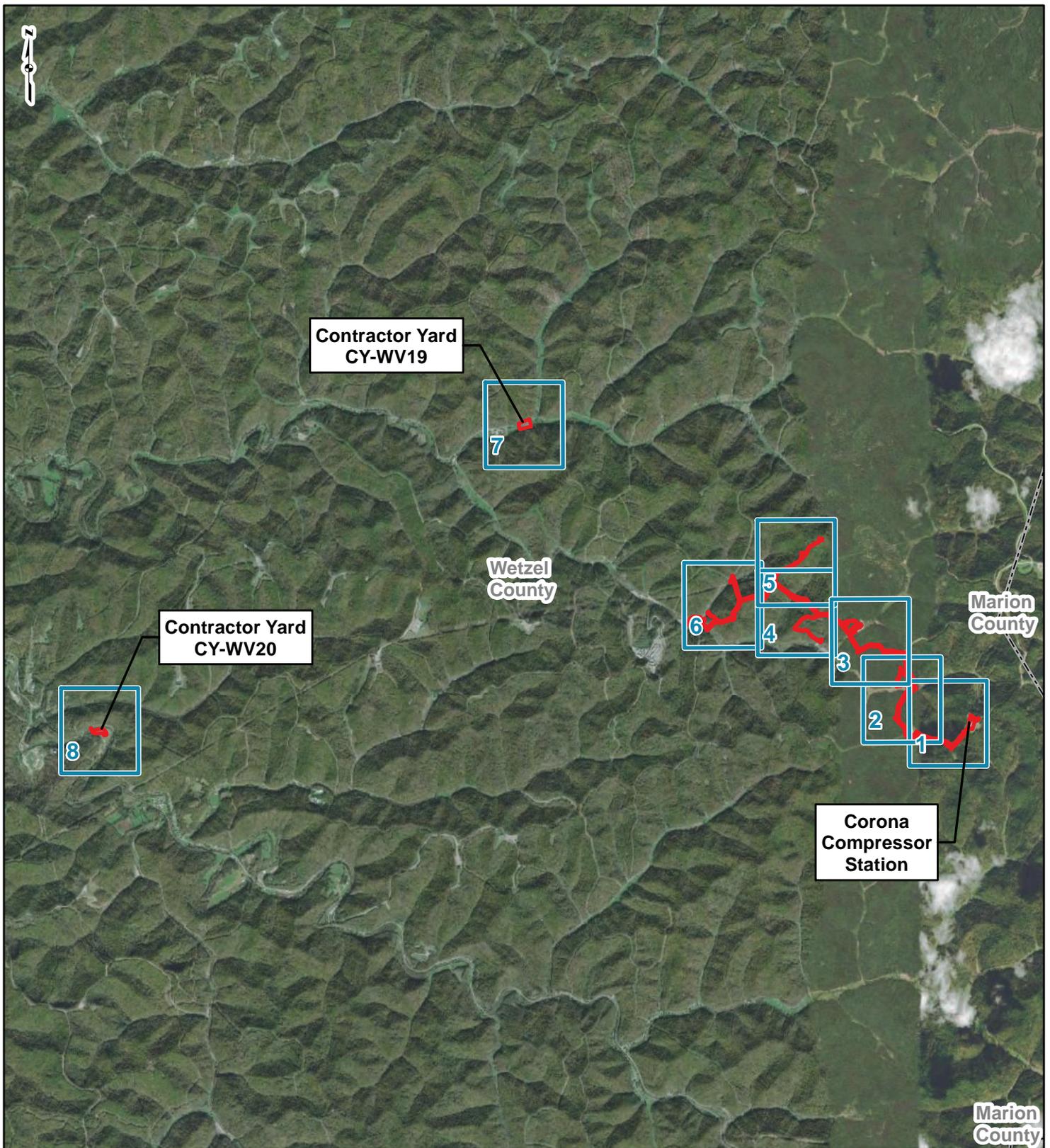
DRAWN BY: JG

DATE: 10/21/2021

CHECKED: JCB

APPROVED: JG

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: HOLBROOK, PA (1973); HUNDRED, WV (1978); NEW FREEPORT, PA (1973); AND WAYNESBURG, PA, (1973); OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 10/2021.



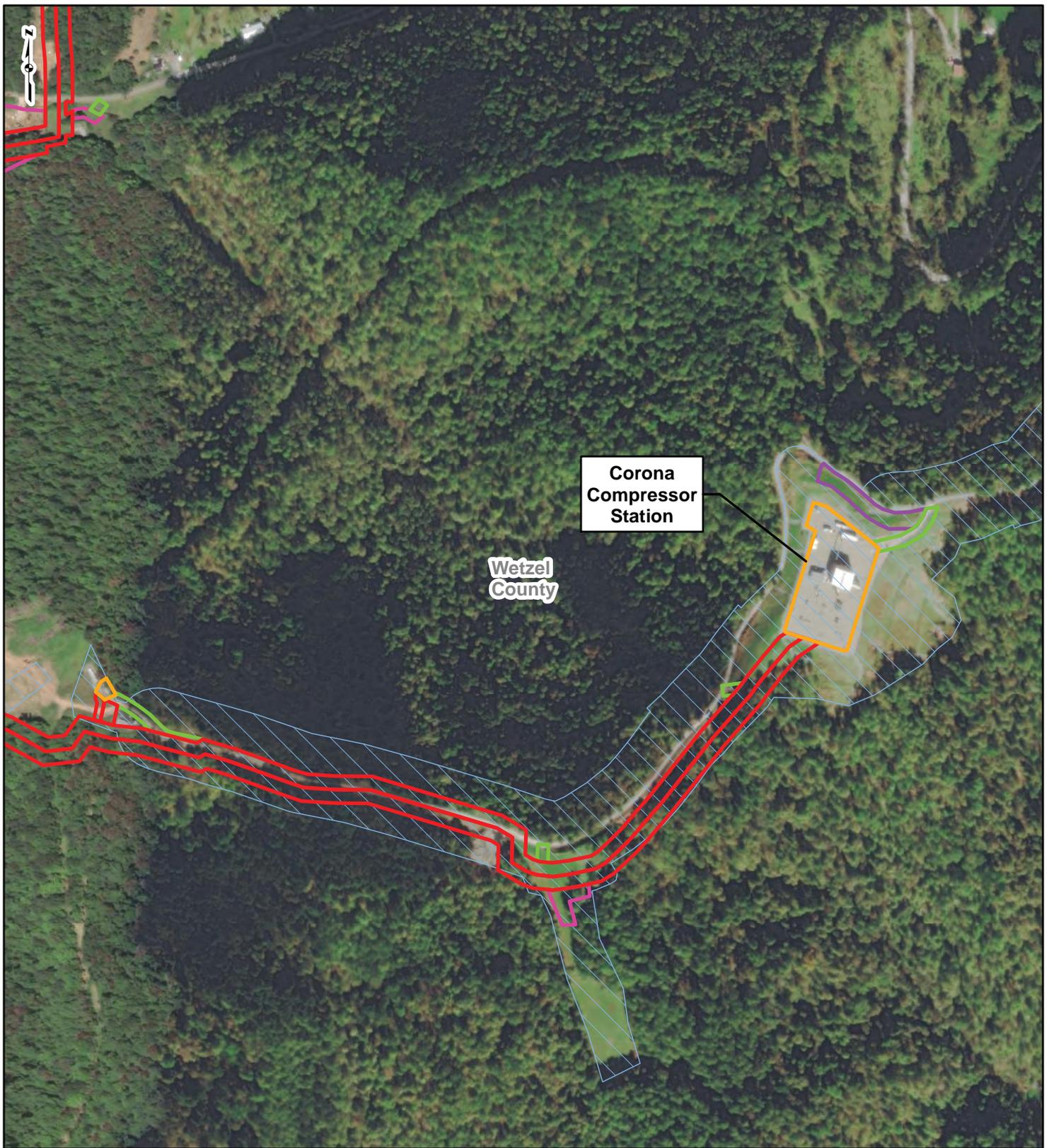
**FIGURE 3
PROJECT SETTING
INDEX**

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.

gci consultants

DRAWN BY: JG DATE: 10/21/2021
CHECKED: JCB APPROVED: JG

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**Corona
Compressor
Station**

**Wetzel
County**



LEGEND

Facility LOD	ATWS
Pipeline ROW	Contractor Yard
Access LOD	Previous Survey
TWS	

0 200 400 800
 Feet

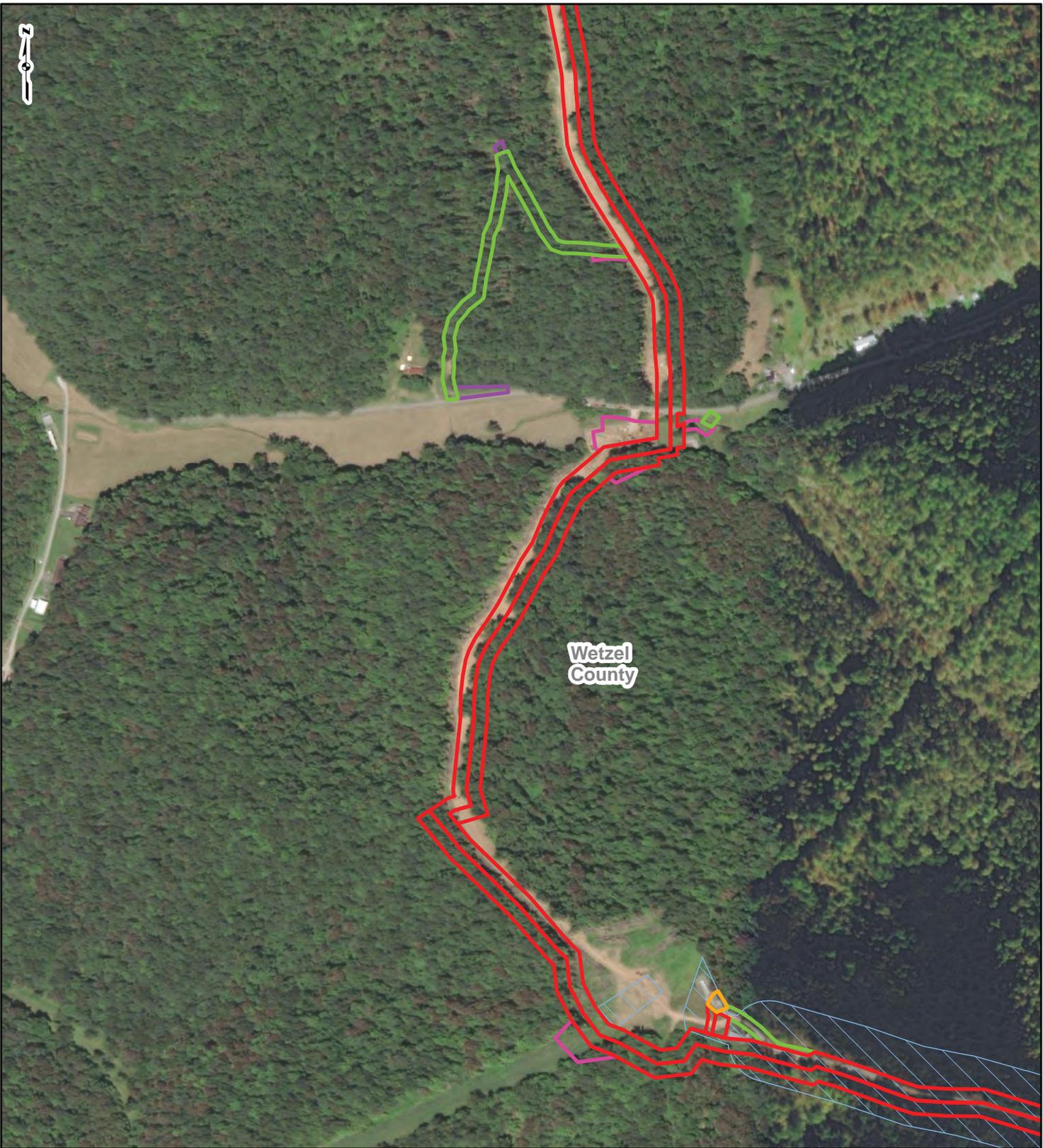
**FIGURE 3
PROJECT SETTING
SHEET 1 of 8**

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.




DRAWN BY: JG DATE: 10/21/2021
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LEGEND

Facility LOD	ATWS
Pipeline ROW	Contractor Yard
Access LOD	Previous Survey
TWS	

0 200 400 800 Feet

FIGURE 3
PROJECT SETTING
SHEET 2 of 8

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.




DRAWN BY: JG DATE: 10/21/2021
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LEGEND

Facility LOD	ATWS
Pipeline ROW	Contractor Yard
Access LOD	Previous Survey
TWS	

0 200 400 800 Feet

FIGURE 3
PROJECT SETTING
SHEET 3 of 8

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.




DRAWN BY: JG DATE: 10/21/2021
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PROJECT LOCATION

WETZEL COUNTY, WEST VIRGINIA

LEGEND

Facility LOD	ATWS
Pipeline ROW	Contractor Yard
Access LOD	Previous Survey
TWS	

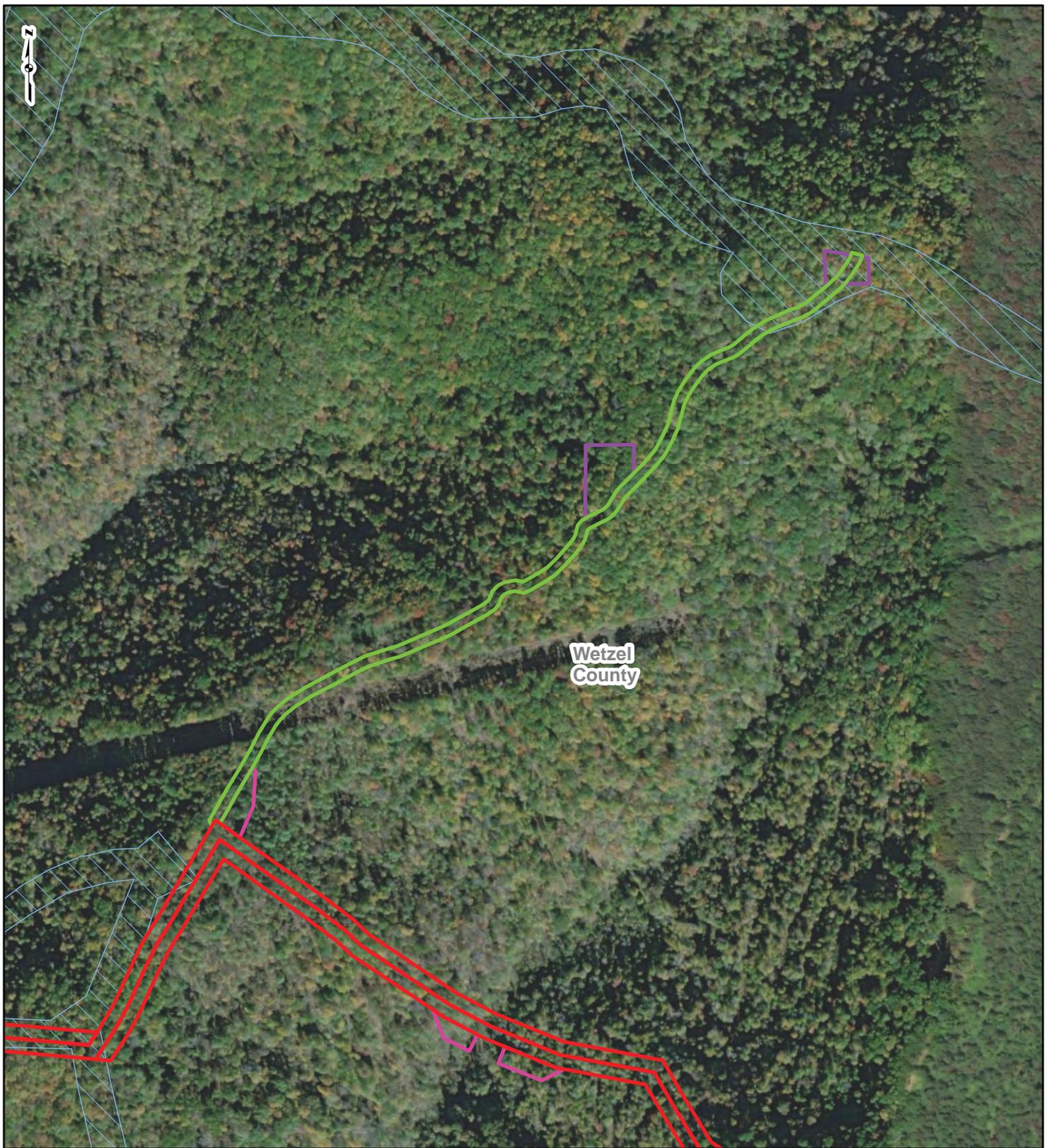
0 200 400 800 Feet

FIGURE 3
PROJECT SETTING
SHEET 4 of 8

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.

DRAWN BY: JG DATE: 10/21/2021
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Wetzel
County

PROJECT LOCATION



WETZEL COUNTY, WEST VIRGINIA

LEGEND

- Facility LOD
- Pipeline ROW
- Access LOD
- TWS
- ATWS
- Contractor Yard
- Previous Survey

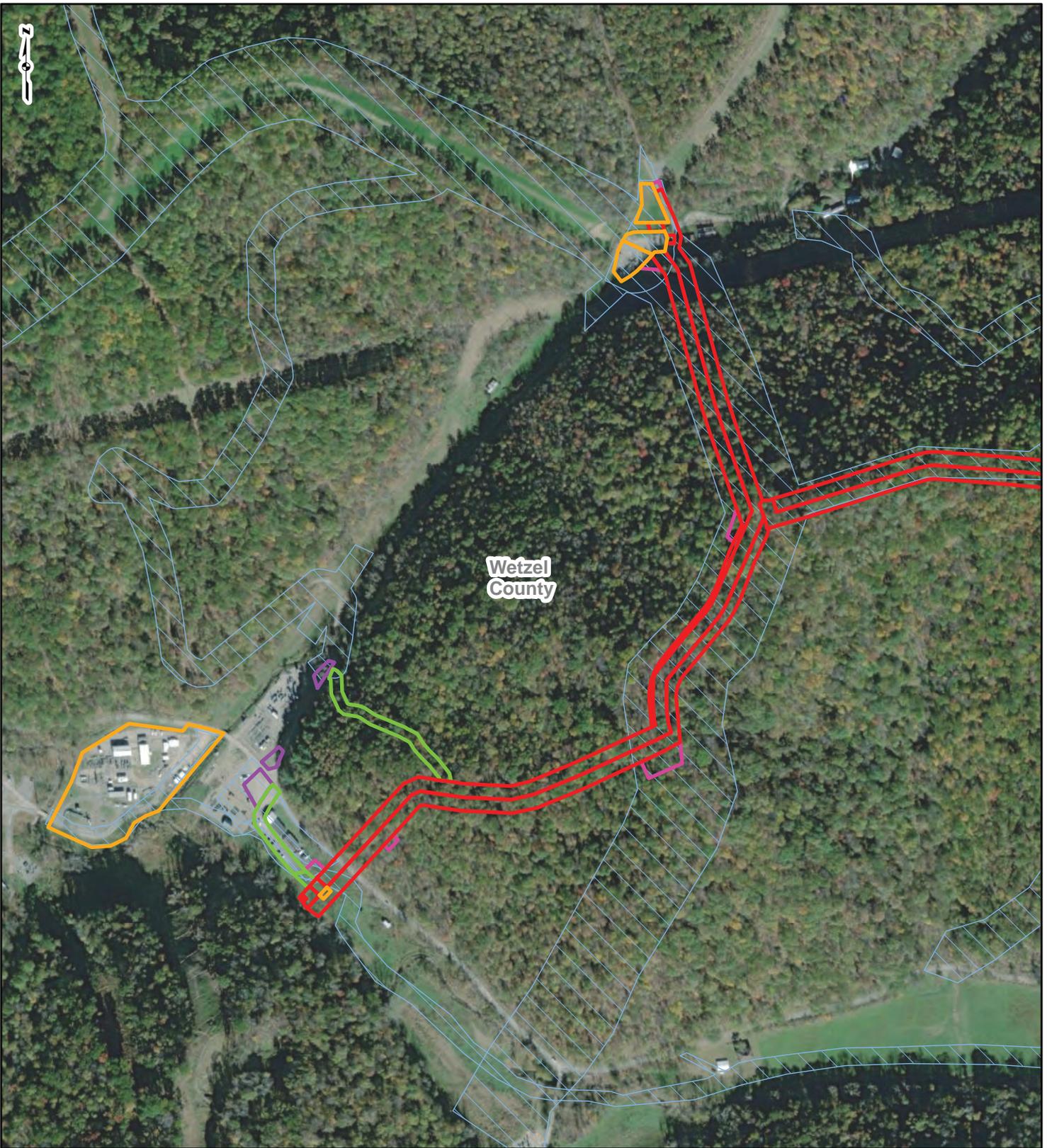


FIGURE 3
PROJECT SETTING
SHEET 5 of 8

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.

DRAWN BY: JG DATE: 10/21/2021
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Wetzel
County



LEGEND

Facility LOD	ATWS
Pipeline ROW	Contractor Yard
Access LOD	Previous Survey
TWS	

0 200 400 800 Feet

FIGURE 3
PROJECT SETTING
SHEET 6 of 8

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.

DRAWN BY: JG	DATE: 10/21/2021
CHECKED: JCB	APPROVED: JG

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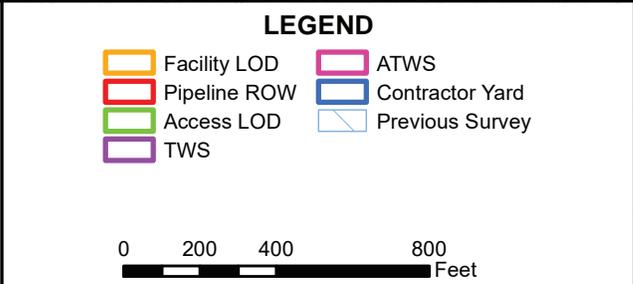


FIGURE 3
PROJECT SETTING
SHEET 7 of 8

OHIO VALLEY CONNECTOR EXPANSION
 EQUITRANS, L.P.

DRAWN BY: JG DATE: 10/21/2021
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**Contractor Yard
CY-WV20**

**Wetzel
County**

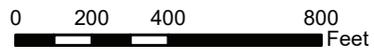
PROJECT LOCATION



WETZEL COUNTY, WEST VIRGINIA

LEGEND

- Facility LOD
- Pipeline ROW
- Access LOD
- TWS
- ATWS
- Contractor Yard
- Previous Survey



**FIGURE 3
PROJECT SETTING
SHEET 8 of 8**

OHIO VALLEY CONNECTOR EXPANSION
EQUITRANS, L.P.

DRAWN BY: JG DATE: 10/21/2021
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Ohio State Historic Preservation Office

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Jonathan Glenn

From: Jonathan Glenn
Sent: Thursday, January 13, 2022 3:10 PM
To: section106@ohiohistory.org
Subject: 2021-MOE-52988 - OVCX Unanticipated Discovery Plan
Attachments: 2021-MOE-52988 - Equitrans OVCX - Unanticipated Discovery Plan.pdf

For your review and comment, I have attached the *Plan for Unanticipated Discoveries of Cultural Resources and Human Remains* for the proposed Ohio Valley Connector Expansion Project in Monroe County.

Thanks,
Jonathan

Jonathan Glenn, M.A., RPA
Cultural Resources Manager

Office 412.399.5191 Mobile 412.735.9970

GAI Consultants, Inc., 385 East Waterfront Drive, Homestead, PA 15120-5005

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Plan for Unanticipated Discoveries of Cultural Resources and Human Remains

Equitrans, L.P.
Ohio Valley Connector Expansion Project
Wetzel County, West Virginia,
Greene County, Pennsylvania,
and Monroe County, Ohio

January 2022



Public Information

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3.0	Contacts for Unanticipated Discoveries	4
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1.0 Introduction

Equitrans, L.P. (Equitrans) is committed to the protection and preservation of cultural resources during construction of the Ohio Valley Connector Expansion (Project), in accordance with federal and state legislation. Equitrans recognizes that despite intensive cultural resources field investigations that were performed and reviewed by appropriate agencies prior to Project construction, it is nonetheless possible that potentially significant archaeological resources could be discovered during Project construction or maintenance activities, particularly during excavation activities. Equitrans also recognizes the requirement for compliance with federal and state laws and regulations regarding the treatment of human remains, if discovered.

As such, the procedures of the Plan for Unanticipated Discoveries of Cultural Resources and Human Remains (referred to herein as the Unanticipated Discovery Plan) were developed on behalf of Equitrans and in consultation with the West Virginia Department of Arts, Culture and History (WVDACH), the Pennsylvania State Historic Preservation Office (PA SHPO), and the Ohio Historic Preservation Office (OHPO). This Unanticipated Discovery Plan summarizes the approach that Equitrans (and/or its contractors or consultants) will use to address unanticipated discoveries of archaeological resources or human remains during construction activities within the Project's direct Area of Potential Effect (APE) which is the same footprint as the construction limits of disturbance.

The purpose of archaeological investigations during the planning of natural gas pipeline projects is to determine the presence or absence of historic properties within a project area. These archaeological investigations are conducted in accordance with standards set forth in the Federal Energy Regulatory Commission (FERC) Office of Energy Project's *Guidelines for Reporting on Cultural Resources Investigations for Natural Gas Projects* (2017), pursuant to 18 Code of Federal Regulations (CFR) Section 380.12(f), 380.14, and Part 380, Appendix A, to comply with the National Environmental Policy Act of 1969 and Section 106 of the National Historic Preservation Act of 1966, as amended (NHPA), and implementing regulations of the Advisory Council on Historic Preservation (36 CFR 800), specifically, those procedures regarding "post-review discoveries" as outlined in 36 CFR 800.13. Work is undertaken pursuant to the Secretary of the Interior Standards for Archaeology and Historic Preservation (48 Federal Register 44716-42 [1983]), the Native American Graves Protection and Repatriation Act (25 USC 3001 et seq.), and the applicable state laws, regulations, and guidance pertaining to the cultural resources and human remains, in particular: the WVDACH *Guidelines for Phase I, II, and III Archaeological Investigations and Technical Report Preparation* (Trader 2001); the PA SHPO *Guidelines for Archaeological Investigations in Pennsylvania* (PA SHPO 2021); Pennsylvania Historic Burial Places Act of 1994; Pennsylvania Consolidated Statutes Title 37 Section 104 et. seq., and the OHPO *Archaeology Guidelines* (OHPO 1994).

2.0 Procedures for the Unanticipated Discovery of Cultural Resources and Human Remains

This Unanticipated Discovery Plan will be followed in the event archaeological resources and/or human remains are encountered during construction of the Project. Archaeological remains consist of manmade objects or features greater than 50 years of age. These remains include, but are not limited to, items such as artifacts (e.g., stone flakes, stone tools, ceramics, glass, architectural material), fire pits, building foundations, and human remains.

Inspectors (environmental and construction) have the responsibility to monitor the construction sites for potential archaeological remains throughout construction. As a result, Equitrans inspectors and construction contractor personnel will be given basic training in cultural resources site recognition and the Unanticipated Discovery Plan will be included in relevant construction contractor documents. The purpose of this training will be to review Equitrans' commitments regarding cultural resources compliance and to provide an overview of the general cultural history of the various Project areas, so that both Equitrans and construction personnel will be aware of the kinds of archaeological resources

that may be encountered in the field. In addition, the training program will emphasize the exact procedures to be followed, as outlined in this Unanticipated Discovery Plan, regarding actions to be taken and notifications required in the event of a significant site discovery, such as a discovery of human remains, during construction.

The training will inform Project personnel and construction contractors as to the extent of the archaeological survey program that has been performed for the Project and make them aware of the distinction between sites that already have been located and “cleared” under the cultural resource program (i.e., sites that have been determined to be non-significant after appropriate levels of investigation and SHPO consultation) and new discoveries that may be made during the construction process.

The Lead Environmental Inspector (LEI) is primarily the person responsible for advising the construction contractor's personnel on the procedures to follow in the event that an unanticipated discovery is made. A copy of this Unanticipated Discoveries Plan will be maintained by the Environmental Inspectors and at the construction field office. The LEI will advise all operators of equipment involved in grading, stripping, or trenching activities to:

- ▶ Stop work immediately if they observe any indications of the presence of cultural materials or possible human bone;
- ▶ Immediately contact the LEI (or the Construction Inspector [CI] if the LEI is not available); and
- ▶ Treat human remains with dignity and respect.

2.1 Cultural Resources (Not Involving Human Remains)

The following procedures are designed to deal with unanticipated discovery of potential cultural resources encountered during construction. Additional procedures for discovery of potential human remains are outlined under the next heading.

- The Contractor will stop work in the vicinity of the potential find and immediately notify the LEI, who will then notify Equitrans' Environmental Project Manager.
- Further construction work in the vicinity of the find will be temporarily suspended until applicable requirements of Section 106 of the NHPA and other related federal and state regulations have been successfully completed.
- Reasonable effort must be made to protect and secure the discovery. At least a 100-foot buffer between the find and construction activity will be maintained to avoid further impact to the potential cultural resource. As a protective measure, the find will be encompassed with temporary construction fencing. The Contractor will not restart work in the area of the find until the LEI has granted clearance.
- The LEI will inform the Project Archaeological Consultant (AC) of the discovery. If the Archaeological Consultant determines the find does not represent an archaeological site, or determines that the find is a previously known and cleared archaeological resource and that the find would not alter the current understanding of that resource, the AC will report the information to the LEI and the Equitrans' Environmental Project Manager. The LEI will then grant clearance to the construction crews for work to resume.
- If the AC determines the find is not a previously known and cleared resource, or potentially represents information that would alter the current understanding of a previously known and cleared archaeological resource, the AC will notify the LEI. The AC will then conduct cursory analysis and/or a preliminary field assessment of the discovery to determine if it is potentially a significant archaeological site.
- If the AC determines the find is a non-significant archaeological site (e.g., lacks the type of archaeological features, intact contexts, or patterned artifact distributions that

could provide substantive information regarding prehistory or history), the AC will document that determination and notify the LEI that construction may proceed in the vicinity of the find without additional action. The LEI will grant clearance to the construction crews for work to resume.

- If the AC determines the find is a potentially significant archaeological site (potentially eligible for listing in the National Register of Historic Places [NRHP]) or represents information that would alter the current understanding of a previously known and cleared archaeological resource, Equitrans will notify FERC, the relevant SHPO, and appropriate tribal organizations of this determination. Additional work, such as a Determination of Eligibility, avoidance, or Data Recovery will be performed as required/approved by the SHPO and FERC.
 - ▶ The AC will evaluate the potentially significant discovery and assess its horizontal and vertical extent, cultural association(s), and integrity. If the find appears to be significant, the AC will also evaluate potential strategies (i.e., the installation of protective fencing or matting) that would allow the passage of construction equipment through the discovery area pending treatment of the cultural resource. Apart from the potential installation of matting or other protective measures, further ground disturbing activities within the flagged or fenced-off discovery location will not resume until authorized by FERC.
 - ▶ The AC will inform the LEI, Equitrans' Environmental Project Manager, FERC, the relevant SHPO, and appropriate tribal organizations of the findings and recommendations regarding site significance and, if necessary, the implementation of protective measures.
 - ▶ If, upon further analysis by the AC, the find is determined to lack significance, Equitrans' Environmental Project Manager will consult with the SHPO and FERC, and other appropriate parties as necessary, to request approval to resume construction as warranted. If approved, Equitrans' Environmental Project Manager will notify the LEI who will grant clearance to the Contractor to resume work.
 - ▶ If FERC determines the find is eligible for the NRHP, the AC will develop an archaeological treatment plan that will be submitted to FERC, the relevant SHPO, and appropriate tribal organizations for review and comment.
 - ▶ Upon authorization by FERC, Equitrans will implement the treatment plan.
 - ▶ Upon receiving written acceptance from FERC of the results of the implemented treatment, the LEI will grant clearance to the Contractor to resume ground-disturbing activities within the discovery area.

2.2 Human Remains or Burials

Human remains may include any human body parts. If in doubt whether the bones are human, it is best to stop work in the immediate area of the discovery and seek advice from an anthropologist, archaeologist, pathologist, osteologist, or mortician. Burials may also include clusters of artifacts (particularly shells or beads) or modern grave features (i.e., headstones, coffin parts, etc.). In the event that potential or confirmed human remains are discovered, the procedure outlined below will be followed.

- If unmarked human burial or skeletal remains are encountered during construction activities, construction work in the immediate vicinity of the discovery will cease. All human remains and/or grave items should be left in place and treated with dignity and respect. Construction crews will not collect, disturb, or remove materials determined to be human remains or associated grave objects. All efforts will be made to exclude the

general public from viewing any gravesites and/or funerary objects and no photographs of any gravesites and/or funerary objects will be released to or taken by the press or posted on social media.

- The construction crew will immediately notify the LEI of the discovery that appears to be associated with human remains or an unmarked grave. The LEI will notify Equitrans' Environmental Project Manager and the AC.
- Reasonable effort must be made to protect and secure the discovery. At least a 100-foot buffer between the find and construction activity will be maintained to avoid further impact to the potential cultural resource. As a protective measure, the find will be encompassed with temporary construction fencing. The Contractor will not restart work in the area of the find until the LEI has granted clearance.
- The AC will examine and document the possible human discovery. If the AC determines the finds are human remains or funerary grave items, the AC will immediately notify the LEI and Equitrans' Environmental Project Manager. Equitrans' Environmental Project Manager will notify the appropriate law enforcement agency as well as the SHPO, FERC, and federally recognized Native American tribal organizations with an established interest in the Project.
- If the local law enforcement agency, in conjunction with the AC determines the remains are not modern or do not reflect a crime scene, and/or if they otherwise relinquish their jurisdiction over the remains, Equitrans will assist FERC in consulting appropriate parties (e.g., SHPO, federally recognized Native American tribal organizations, and/or the landowner) regarding additional steps to be followed.
- If the human or burial-related remains are Native American, a reasonable effort will be made to identify, locate, and notify the appropriate Tribal organization. If it is determined the remains are not Native American, a reasonable effort will be made to determine the identity or next of kin of the deceased.
- The measures to protect the remains and associated artifacts will remain in effect until they have been fully evaluated, appropriate treatment of the discovery (if applicable) has been completed, and Equitrans has received written notice from FERC to proceed with construction at the discovery site.
- After successful implementation of the treatment plan and receiving written approval from the FERC, Equitrans' Environmental Project Manager will notify the LEI who will grant clearance to the Contractor to resume work in the vicinity of the find.

3.0 Contacts for Unanticipated Discoveries

Lead Environmental Inspector

To be determined

Mobile:

Office:

Email:

Equitrans Environmental Project Manager

Erin Debias

Mobile: 412-737-0932

Office: 724-271-7378

EDebias@equitransmidstream.com

FERC Project Manager

To be determined
Mobile:
Office:
Email:

FERC Project Archaeologist

To be determined
Mobile:
Office:
Email:

WV SHPO

Susan Pierce
Director, Deputy State Historic Preservation Officer
West Virginia Department of Arts, Culture and History
The Cultural Center, Capitol Complex
1900 Kanawha Boulevard East
Charleston, West Virginia 25305-0300
304-558-0240, ext. 158
susan.m.pierce@wv.gov

PA SHPO

Andrea MacDonald
Bureau Director / Deputy State Historic Preservation Officer
Pennsylvania State Historic Preservation Office
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, Pennsylvania 17120-0093
717-783-8946
amacdonald@pa.gov

OH SHPO

Diana Welling
Department Head & Deputy State Historic Preservation Officer for Resource Protection & Review
800 E. 17th Ave.
Columbus, OH 43211-2474
614-298-2000
dwelling@ohiohistory.org

WV Medical Examiner

Chief Medical Examiner
Allen Mock, M.D.
619 Virginia Street West
Charleston, West Virginia 25302
304-558-6920

WV Sheriff (Wetzel County)

Sheriff
Michael L. Koontz
200 Main Street
New Martinsville, West Virginia 26155
304-455-8231

PA Medical Examiner

Coroner
Gene Rush
Ben Franklin Building
22 West High Street, 1st Floor
Waynesburg, Pennsylvania 15370
724-852-5286

PA Sheriff (Greene County)

Sherriff
Marcus Simms
Greene County Courthouse
10 East High Street, 1st Floor
Waynesburg, Pennsylvania 15370
724-852-5218

OH Medical Examiner

Coroner
Kevin L. Sharrett, M.D.
120 East Main Street
Xenia, Ohio 45385
937-562-5050

OH Sheriff (Monroe County)

Sheriff
Charles R. Black, Jr.
47129 Moore Ridge Road
Woodsfield, Ohio 43793
740-472-1612

Federally-Recognized Native American Tribal Organizations

A list of tribal organization contacts will be developed based on responses to the informational letter. Only those organizations requesting to be kept informed about the Project will be included as possible contacts. This Unanticipated Discovery Plan will be updated accordingly.

4.0 References

Federal Energy Regulatory Commission. 2017. *Guidelines for Reporting on Cultural Resources Investigations for Natural Gas Projects*. Office of Energy Projects, Washington, D.C.

Ohio Historic preservation Office (OHPO). 1994. *Archaeology Guidelines*. Ohio History Connection, Columbus.

Pennsylvania State Historic Preservation Office (PA SHPO). 2021. *Guidelines for Archaeological Investigations in Pennsylvania*. Pennsylvania Historical and Museum Commission, Harrisburg.

Trader, Patrick. 2001. *Guidelines for Phase I, II, and III Archaeological Investigations and Technical Report Preparation*. West Virginia Division of Culture and History, Charleston.



In reply refer to
2021-MOE-52988

November 8, 2021

Jonathan Glenn,
GAI Consultants, Inc.
Pittsburgh Office
385 East Waterfront Drive
Homestead, Pennsylvania 15120

Dear Mr. Glenn:

RE: Ohio Valley Connector Extension, Switzerland Township, Monroe County, Ohio

This is in response to the receipt, on October 29, 2021, regarding the proposed compressor station construction in Switzerland Township, Monroe County, Ohio. The comments of the Ohio Historic Preservation Office are submitted in accordance with the provisions of Section 106 of the National Historic Preservation Act of 1966, as amended.

Based on the information submitted, it is my opinion that the proposed undertaking will not affect properties listed in or eligible for listing in the National Register of Historic Places. No further coordination is required unless the project changes or archaeological remains are discovered during the course of the project. In such a situation, this office should be contacted as per 36 CFR 800.13.

Please be advised that this is a Section 106 decision. This review decision may not extend to other SHPO programs. If you have any questions, please contact me at (614) 298-2000, or by email at nyoung@ohiohistory.org. Please note the Ohio SHPO now accepts electronic-only submissions for state and/or federal review under Section 106 and ORC 149.53. Please send your submissions to section106@ohiohistory.org. We have also updated our [Survey Report Submission Standards](#)

Sincerely,

A handwritten signature in blue ink that reads "Nathan J. Young".

Nathan J. Young, Project Reviews Manager
Resource Protection and Review

800 E. 17th Ave., Columbus, OH 43211-2474 • 614.297.2300 • ohiohistory.org



October 29, 2021

Project R210388.00

Ms. Diana Welling
Department Head &
Deputy State Historic Preservation Officer for Resource Protection & Review
800 E. 17th Ave.
Columbus, OH 43211-2474

Initial Consultation
OHPO # Pending
Ohio Valley Connector Expansion Project
Equitrans, L.P.
Monroe County, Ohio

Dear Ms. Welling:

GAI Consultants, Inc. (GAI), on behalf of Equitrans, L.P. (Equitrans) is contacting the Ohio (OH) State Historic Preservation Office (SHPO) to initiate consultation for a new proposed natural gas project, the Ohio Valley Connector Expansion (Project). A Project description is provided below, and Project locations in OH are included on the maps provided in Attachment 1. Equitrans has contracted GAI to provide environmental and cultural resources consulting services to support the federal, state, and local permitting for the Project.

Project Description

Equitrans is seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (FERC) pursuant to Section 7(c) of the Natural Gas Act (NGA) as amended, authorizing Equitrans to construct and operate the proposed Project located in Greene County, Pennsylvania (PA), Wetzel County, West Virginia (WV), and Monroe County, OH.

The purpose of the Project is to supply an increased volume of natural gas to the Ohio Valley Connector (OVC) market through which gas is transported to expanding mid-continent and Gulf Coast markets.

The preliminary scope of facilities currently includes the following proposed pipelines, associated aboveground facilities, access roads, cathodic protection, staging areas, and contractor/laydown yards:

- ▶ Approximately 0.5 mile of 16-inch-diameter natural gas pipeline (H-327) in Greene County, PA;
- ▶ Approximately 0.5 mile of 12-inch-diameter natural gas pipeline (H-328) in Greene County, PA;
- ▶ Approximately 3.7 miles of 24-inch-diameter natural gas pipeline (H-326) in Wetzel County, WV;
- ▶ Approximately 0.02 miles of 8-inch-diameter natural gas pipeline (H-329) in Wetzel County, WV;
- ▶ Approximately 0.7 miles of 16-inch-diameter natural gas pipeline (H-330) in Wetzel County, WV;
- ▶ Approximately 0.03 miles of 12-inch-diameter natural gas pipeline (Logansport Spur) in Wetzel County, WV;
- ▶ Removal of the existing 3606 compressor and addition of two T-70 turbines at the existing Cygrymus Compressor Station with additional mechanical and electrical equipment to support the horsepower (HP) increase in Greene County, PA;
- ▶ One additional M-100 compressor unit at the existing Corona Compressor Station with additional mechanical and electrical equipment to support the HP increase in Wetzel County, WV;
- ▶ One additional Titan T130 compressor unit at the existing Plasma Compressor Station with additional mechanical and electrical equipment to support the HP increase in Monroe County, OH;
- ▶ One deep well anode groundbed and rectifier for cathodic protection in Greene County, PA;
- ▶ Additional ancillary facilities, such as mainline valves (MLVs), metering and regulating equipment, and internal inspection device (e.g., pig) launchers and receivers in Greene County, PA and Wetzel County, WV; and,
- ▶ New and existing temporary and permanent access roads, staging areas, and contractor/laydown yards in Greene County, PA and Wetzel County, WV.

Proposed Area of Potential Effect

GAI has initiated an archaeological survey and an architectural and historical resources investigation of the Project as currently designed. The archaeological study area is wider than the Project to allow for subsequent adjustments in Project design. This study area generally consists of a 300-foot-wide corridor centered on the proposed pipelines, a 50-foot-wide corridor centered on the proposed access roads, and the limits of workspaces and contractor yards that extend beyond those corridors.

The Area of Potential Effect (APE) involves direct and indirect potential impacts by the Project to cultural resources. The direct impact APE is considered to be the area of ground disturbance created by project construction activities (limits of disturbance [LOD]). The direct impact APE applies primarily to archaeological resources and is defined as those locations associated with the proposed undertaking where there will be physical alteration and/or disturbance of surface and subsurface soils.

For the purposes of the archaeological survey, the direct impact APE includes the limits of the proposed temporary workspaces (temporary right-of-way [ROW] and additional temporary workspace [ATWS]), staging areas, contractor yards, aboveground facilities, and access roads. Along the proposed pipelines, the direct APE is generally comprised of a 100-foot-wide construction ROW with ATWS in select locations extending to various widths beyond the ROW as needed for safe construction. Access roads typically are up to 30 feet wide, and contractor yards/staging areas are defined by their individual limits.

Architectural and historical investigations took into account an indirect APE in addition to the direct APE described above. The indirect APE applies primarily to architectural and historical resources and includes areas where potential noise, vibration, and other construction activities could impact historic properties in proximity to those activities. The indirect APE also accounts for line-of-sight (viewshed) impacts that could result from tree cutting or installation of aboveground facilities. The indirect APE minimally consists of the LOD discussed above, and a buffer extending in a maximum 0.5-mile radius from proposed aboveground Project facilities and areas of possible tree clearing associated with Project construction. Contractor yards and access roads generally were not assessed to have potential viewshed impacts beyond the immediately adjacent areas because they have only a temporary aboveground component and likely no substantial tree cutting will be proposed. The indirect APE was generally terminated before the 0.5-mile maximum, where vegetation, topography, or other existing infrastructure obstructed lines-of-sight.

Expansion of the Plasma Compressor Station is the only component proposed in OH. Expansion of the existing facilities will occur in the eastern portion of the proposed limit of disturbance. A *Section 106 Review - Project Summary Form* is attached and includes project mapping in OH and photographs of the Plasma Compressor Station area.

Project Requests

Based on the information presented in this letter, Equitrans would appreciate your review and comments regarding the potential for the Project to affect archaeological or historic architectural resources.

GAI and Equitrans look forward to working with you on the Project relative to Section 106 consultation. If you have questions regarding this submission, please contact me at 412-399-5191 or via email at j.glenn@gaiconsultants.com.

Sincerely,

GAI Consultants, Inc.



Digitally signed by Jonathan Glenn
Date: 2021.10.29 13:53:01 -04'00'

Jonathan Glenn, M.A., RPA
Cultural Resources Manager

Attachment 1: Section 106 Review - Project Summary Form

cc: Ms. Erin Debias, Equitrans
Ms. Ashley Merks, Equitrans

ATTACHMENT 1
SECTION 106 REVIEW - PROJECT SUMMARY FORM



**OHIO HISTORIC PRESERVATION OFFICE:
RESOURCE PROTECTION AND REVIEW**

Section 106 Review - Project Summary Form

For projects requiring a license from the Federal Communications Commission, please use FCC Forms 620 or 621. DO NOT USE THIS FORM.

SECTION 1: GENERAL PROJECT INFORMATION

All contact information provided must include the name, address and phone number of the person listed. Email addresses should also be included, if available. Please refer to the Instructions or contact an OHPO reviewer (mailto:Section106@ohiohistory.org) if you need help completing this Form. Unless otherwise requested, we will contact the person submitting this Form with questions or comments about this project.

Date: 10/25/2021
Name/Affiliation of person submitting form: Jonathan Glenn / GAI Consultants, Inc.
Mailing Address: 385 East Waterfront Drive, Homestead, PA 15120
Phone/Fax/Email: 412-399-5191

A. Project Info:

1. This Form provides information about:

New Project Submittal:
YES NO

Additional information relating to previously submitted project:
YES NO

OHPO/RPR Serial Number from previous submission:

2. Project Name (if applicable):

Ohio Valley Connector Expansion (OVCX)

3. Internal tracking or reference number used by Federal Agency, consultant, and/or applicant to identify this project (if applicable):

R210388

- B. Project Address or vicinity:
Steiger Ridge
- C. City/Township:
Switzerland Township
- D. County:
Monroe County
- E. Federal Agency and Agency Contact. *If you do not know the federal agency involved in your project, please contact the party asking you to apply for Section 106 Review, not OHPO, for this information. HUD Entitlement Communities acting under delegated environmental review authority should list their own contact information.*
FERC (managers not yet assigned)
- F. Type of Federal Assistance. *List all known federal sources of federal funding, approvals, and permits to avoid repeated reviews.*
Section 7(c) of the Natural Gas Act
- G. State Agency and Contact Person (if applicable):
- H. Type of State Assistance:
- I. Is this project being submitted at the direction of a state agency **solely** under Ohio Revised Code 149.53 or at the direction of a State Agency? *Answering yes to this question means that you are sure that no federal funding, permits or approvals will be used for any part of your project, and that you are seeking comments only under ORC 149.53.*

YES NO
- J. Public Involvement- Describe how the public has been/will be informed about this project and its potential to affect historic properties. Please summarize how they will have an opportunity to provide comments about any effects to historic properties. (This step is required for all projects under 36 CFR § 800.2):

Directly impacted landowners will be contacted to discuss the extents of the project, and a series of public meetings will be held. Further, the project will be posted on the FERC docket.
- K. Please list other consulting parties that you have contacted/will contact about this project, such as Indian Tribes, Certified Local Governments, local officials, property owners, or preservation groups. (See 36 CFR § 800.2 for more information about involving other consulting parties). Please summarize how they will have an opportunity to provide comments:

The following Native American tribal organizations were identified as possibly having an interest in the region of the proposed project. Each will be provided (via email and/or hardcopy) a description of the project and a location map.
- Absentee-Shawnee Tribe of Indians of Oklahoma
Catawba Indian Nation
Delaware Nation
Delaware Tribe of Indians
Eastern Shawnee Tribe of Oklahoma

Seneca-Cayuga Nation
Seneca Nation of Indians
Shawnee Tribe
Saint Regis Mohawk Tribe

SECTION 2: PROJECT DESCRIPTION AND AREA OF POTENTIAL EFFECTS (APE)

Provide a description of your project, its site, and geographical information. You will also describe your project's Area of Potential Effects (APE). Please refer to the Instructions or contact an OHPO reviewer if you need help with developing the APE or completing this form.

Project Description

Equitrans, L.P. (Equitrans) has contracted GAI Consultants, Inc. (GAI) to provide environmental and cultural resources consulting services to support permitting for this Project.

Equitrans is seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (FERC) pursuant to Section 7(c) of the Natural Gas Act (NGA) as amended, authorizing Equitrans to construct and operate the proposed Project located in Greene County, PA, Wetzel County, West Virginia (WV), and Monroe County, Ohio (OH).

The purpose of the Project is to supply an increased volume of natural gas to the Ohio Valley Connector (OVC) market through which gas is transported to expanding mid-continent and Gulf Coast markets. The preliminary scope of facilities currently includes the following proposed pipelines, associated aboveground facilities, access roads, cathodic protection, staging areas, and contractor/laydown yards; expansion of the Plasma Compressor Station is the only component proposed in Ohio (Figure 1):

- ▶ Approximately 0.5 mile of 16-inch-diameter natural gas pipeline (H-327) in Greene County, PA;
- ▶ Approximately 0.5 mile of 12-inch-diameter natural gas pipeline (H-328) in Greene County, PA;
- ▶ Approximately 3.7 miles of 24-inch-diameter natural gas pipeline (H-326) in Wetzel County, WV;
- ▶ Approximately 0.02 miles of 8-inch-diameter natural gas pipeline (H-329) in Wetzel County, WV;
- ▶ Approximately 0.7 miles of 16-inch-diameter natural gas pipeline (H-330) in Wetzel County, WV;
- ▶ Approximately 0.03 miles of 12-inch-diameter natural gas pipeline (Logansport Spur) in Wetzel County, WV;
- ▶ Removal of the existing 3606 compressor and addition of two T-70 turbines at the existing Cygrymus Compressor Station with additional mechanical and electrical equipment to support the horsepower (HP) increase in Greene County, PA;
- ▶ One additional M-100 compressor unit at the existing Corona Compressor Station with additional mechanical and electrical equipment to support the HP increase in Wetzel County, WV;
- ▶ **One additional Titan T130 compressor unit at the existing Plasma Compressor Station with additional mechanical and electrical equipment to support the HP increase in Monroe County, OH;**
- ▶ One deep well anode groundbed and rectifier for cathodic protection in Greene County, PA;
- ▶ Additional ancillary facilities, such as mainline valves (MLVs), metering and regulating equipment, and internal inspection device (e.g., pig) launchers and receivers in Greene County, PA and Wetzel County, WV; and,
- ▶ New and existing temporary and permanent access roads, staging areas, and contractor/laydown yards in Greene County, PA and Wetzel County, WV.

Proposed Area of Potential Effect

GAI has initiated an archaeological survey and an architectural and historical resources investigation of the Project as currently designed. The archaeological study area is wider than the Project to allow for subsequent adjustments in Project design. This study area generally consists of a 300-foot-wide corridor centered on the proposed pipelines, a 50-foot-wide corridor centered on the proposed access roads, and the limits of workspaces and contractor yards that extend beyond those corridors.

The Area of Potential Effect (APE) involves direct and indirect potential impacts by the Project to cultural resources. The direct impact APE is considered to be the area of ground disturbance created by project construction activities (limits of disturbance [LOD]). The direct impact APE applies primarily to archaeological resources and is defined as those locations associated with the proposed undertaking where there will be physical alteration and/or disturbance of surface and subsurface soils.

For the purposes of the archaeological survey, the direct impact APE includes the limits of the proposed temporary workspaces (temporary right-of-way [ROW] and additional temporary workspace [ATWS]), staging areas, contractor yards, aboveground facilities, and access roads. Along the proposed pipelines, the direct APE is generally comprised of a 100-foot-wide construction ROW with ATWS in select locations extending to various widths beyond the ROW as needed for safe construction. Access roads typically are up to 30 feet wide, and contractor yards/staging areas are defined by their individual limits.

Architectural and historical investigations took into account an indirect APE in addition to the direct APE described above. The indirect APE applies primarily to architectural and historical resources and includes areas where potential noise, vibration, and other construction activities could impact historic properties in proximity to those activities. The indirect APE also accounts for line-of-sight (viewshed) impacts that could result from tree cutting or installation of aboveground facilities. The indirect APE minimally consists of the LOD discussed above, and a buffer extending in a maximum 0.5-mile radius from proposed aboveground Project facilities and areas of possible tree clearing associated with Project construction. Contractor yards and access roads generally were not assessed to have potential viewshed impacts beyond the immediately adjacent areas because they have only a temporary aboveground component and likely no substantial tree cutting will be proposed. The indirect APE was generally terminated before the 0.5-mile maximum, where vegetation, topography, or other existing infrastructure obstructed lines-of-sight.

For challenging projects, provide as much information as possible in all sections, and then check the box in Section 5.A. to ask OHPO to offer preliminary comments or make recommendations about how to proceed with your project consultation. This is recommended if your project involves effects to significant historic properties or if there may be challenging procedural issues related to your project. Please note that providing information to complete all Sections will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.

A. Does this project involve any Ground-Disturbing activity: YES NO
(If **Yes**, you must complete all of Section 2.A. If **No**, proceed directly to Section 2. B.)

1. General description of width, length and depth of proposed ground disturbing activity:

Workspace for the proposed compressor expansion generally measures approximately 1,000 feet long by 300 feet wide. Expansion of the existing compressor station will occur in the eastern portion of the proposed limit of disturbance. The attendant access road workspace is approximately 800 feet long by 30-50 feet wide.

2. Narrative description of previous land use and past ground disturbances, if known:

Historical aerials show the Ohio portion was previously covered in forest. Within the past few years, the area was used to construct the now existing Plasma Compressor Station and attendant access road. Most of the area for the current proposed expansion was cleared of vegetation and graded during the previous construction. The entire current proposed workspace is contained by a previous archaeological survey boundary for construction of the existing compressor facility, access road, and pipeline.

3. Narrative description of current land use and conditions:

The current use of the proposed Project area is open grass maintained by the existing compressor station, reserved for future expansion (Figure 3).

4. Does the landowner know of any archaeological resources found on the property?

YES NO If yes, please describe:

Previously-recorded Site 33MO131 is crossed by the current proposed use of the existing access road (Figure 2). The site was investigated during the previous survey and determined by the OHPO to be not eligible for the National Register of Historic Places (NRHP).

B. Submit the exact project site location on a USGS 7.5-minute topographic quadrangle map for all projects. Map sections, photocopies of map sections, and online versions of USGS maps are acceptable as long as the location is clearly marked. Show the project's Area of Potential Effects (APE). It should be clearly distinguished from other features shown on the map:

1. USGS Quad Map Name:

Powhattan Point

2. Township/City/Village Name:

Switzerland Township

C. Provide a street-level map indicating the location of the project site; road names must be identified and legible. Your map must show the exact location of the boundaries for the project site. Show the project's Area of Potential Effects (APE). It should be clearly distinguished from other features shown on the map:

Figure 2 (attached).

D. Provide a verbal description of the APE, including a discussion of how the APE will include areas with the potential for direct and indirect effects from the project. Explain the steps taken to identify the project's APE, and your justification for the specific boundaries chosen:

See beginning of Section 2 (immediately above)

E. Provide a detailed description of the project. This is a critical part of your submission. Your description should be prepared for a cold reader who may not be an expert in this type of project. The information provided must help support your analysis of effects to historic properties, not other types of project impacts. Do not simply include copies of environmental documents or other types of specialized project reports. If there are multiple project alternatives, you should include information about all alternatives that are still under active consideration:

See beginning of Section 2 (immediately above). Expansion of the existing compressor station will occur in the eastern portion of the proposed limit of disturbance.

SECTION 3: IDENTIFICATION OF HISTORIC PROPERTIES

Describe whether there are historic properties located within your project APE. To make that determination, use information generated from your own Background Research and Field Survey. Then choose one of the following options to report your findings. Please refer to the Instructions and/or contact an OHPO reviewer if you are unsure about how to identify historic properties for your project.

If you read the Instructions and you're still confused as to which reporting option best fits your project, or you are not sure if your project needs a survey, you may choose to skip this section, but provide as much supporting documentation as possible in all other Sections, then check the box in Section 5.A. to request preliminary comments from OHPO. After reviewing the information provided, OHPO will then offer comments as to which reporting option is best suited to document historic properties for your project. Please note that providing information to complete this Section will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.

Recording the Results of Background Research and Field Survey:

- A. **Summary of discussions and/or consultation with OHPO** about this project that demonstrates how the Agency Official and OHPO have agreed that no Field Survey was necessary for this project (typically due to extreme ground disturbance or other special circumstances). Please **attach copies** of emails/correspondence that document this agreement. You must explain how the project's potential to affect both archaeological and historic resources were considered.
- B. **A table that includes the minimum information** listed in the OHPO Section 106 Documentation Table (which is generally equivalent to the information found on an inventory form). This information must be printed and mailed with the Project Summary Form. To provide sufficient information to complete this Section, you must also include summary observations from your field survey, background research and eligibility determinations for each property that was evaluated in the project APE.
- C. **OHI (Ohio Historic Inventory) or OAI (Ohio Archaeological Inventory) forms-** New or updated inventory forms may be prepared using the OHI pdf form with data population capabilities, the Internet IForm, or typed on archival quality inventory forms. To provide sufficient information to complete this Section, you must include summary observations from your field survey and background research. You must also include eligibility determinations for each property that was evaluated in the project APE.

Proactive archaeological and historic architectural studies have been initiated. No archaeological testing was conducted because the entire area was included in the previous study for the existing facilities (OHPO # 2014-MOE-27587 [Ohio Valley Connector]; Figures 2 and 3). Previously-recorded Site 33MO131 is crossed by proposed use of the existing access road, but the site was determined by the OHPO to be not eligible for the NRHP. Historic architectural background research and reconnaissance identified three resources within the APE (one previously recorded and two newly recorded), none of which are within the proposed construction right-of-way. All three resources (MOE0049704, MOE0055604, MOE0055704) have been documented through the online IForm system, and all three are recommended not eligible for listing in the NRHP due to a lack of integrity and/or significance.

No further archaeological study or documentation is proposed because the current Project workspaces were previously studied for construction of the existing facilities. A report documenting the historic architectural studies conducted for the current Project is planned and will be submitted to the OHPO and FERC when completed.

- D. **A historic or archaeological survey report** prepared by a qualified consultant that meets professional standards. The survey report should meet the Secretary of the Interior's Standards and Guidelines for Identification and OHPO Archaeological Guidelines. You may also include new inventory forms with your survey, or update previous inventory forms. To complete this section, your survey report must include summary observations from your field survey, background research and eligibility determinations for each property that was evaluated within the APE.
- E. **Project Findings.** Based on the conclusions you reached in completing Section 3, please choose one finding for your project. There are (mark one):
- Historic Properties Present in the APE:
 - No Historic Properties Present in the APE:

SECTION 4: SUPPORTING DOCUMENTATION

This information must be provided for all projects.

- A. Photographs must be keyed to a street-level map, and should be included as attachments to this application. Please label all forms, tables and CDs with the date of your submission and project name, as identified in Section 1. You must present enough documentation to clearly show existing conditions at your project site and convey details about the buildings, structures or sites that are described in your submission. Faxed or photocopied photographs are not acceptable. See Instructions for more info about photo submissions or 36 CFR § 800.11 for federal documentation standards.
 - 1. Provide photos of the entire project site and take photos to/from historic properties from/towards your project site to support your determination of effect in Section 5.
 - 2. Provide current photos of all buildings/structures/sites described.
- B. Project plan, specifications, site drawings and any other media presentation that conveys detailed information about your project and its potential to affect historic properties.
- C. Copies or summaries of any comments provided by consulting parties or the public.

SECTION 5: DETERMINATION OF EFFECT

A. **Request Preliminary Comments.** For challenging projects, provide as much information as possible in previous sections and ask OHPO to offer preliminary comments or make recommendations about how to proceed with your project consultation. This is recommended if your project involves effects to significant historic properties, if the public has concerns about your project’s potential to affect historic properties, or if there may be challenging procedural issues related to your project. Please be aware that providing information in all Sections will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.

- 1. We request preliminary comments from OHPO about this project:
YES NO
- 2. Please specify as clearly as possible the particular issues that you would like OHPO to examine for your project (for example- help with developing an APE, addressing the concerns of consulting parties, survey methodology, etc.):

B. **Determination of Effect.** If you believe that you have gathered enough information to conclude the Section 106 process, you may be ready to make a determination of effect and ask OHPO for concurrence, while considering public comments. Please select and mark one of the following determinations, then explain the basis for your decision on an attached sheet of paper:

No historic properties will be affected based on 36 CFR § 800.4(d) (1). Please explain how you made this determination:

The current Project area was included in the previous study for the existing facilities (OHPO # 2014-MOE-27587 [Ohio Valley Connector]; Figure 2). Previously-recorded Site 33MO131 is crossed by proposed use of the existing access road, but the site was determined by the OHPO to be not eligible for the NRHP. Historic architectural background research and reconnaissance identified three resources within the APE. All three resources (MOE0049704, MOE0055604,

MOE0055704) are recommended not eligible for listing in the NRHP due to a lack of integrity and/or significance.

No further archaeological study or documentation is proposed because the current Project workspaces were previously studied. A report documenting the current historic architectural studies is planned and will be submitted to the OHPO and FERC when completed.

- No Adverse Effect** [36 CFR § 800.5(b)] on historic properties. This finding cannot be used if there are no historic properties present in your project APE. Please explain why the Criteria of Adverse Effect, [36 CFR Part 800.5(a) (1)], were found not to be applicable for your project:

- Adverse Effect** [36 CFR § 800.5(d) (2)] on historic properties. Please explain why the criteria of adverse effect, [36 CFR Part 800.5(a) (1)], were found to be applicable to your project. You may also include an explanation of how these adverse effects might be avoided, reduced or mitigated:

Please print and mail completed form and supporting documentation to:

*State Historic Preservation Office
Resource Protection and Review Department
800 E. 17th Avenue
Columbus, OH 43211-2474*



Photograph 1. Western end of the Plasma Compressor Station, facing northeast.



Photograph 2. Access road leading to the western end of the Plasma Compressor Station, facing northeast.



Photograph 3. Eastern end of the Plasma Compressor Station, facing east.



PROJECT LOCATION



MONROE COUNTY, OHIO

LEGEND

 Study Area

0 1,000 2,000 4,000 Feet

FIGURE 1
PROJECT LOCATION

OHIO VALLEY CONNECTOR EXPANSION



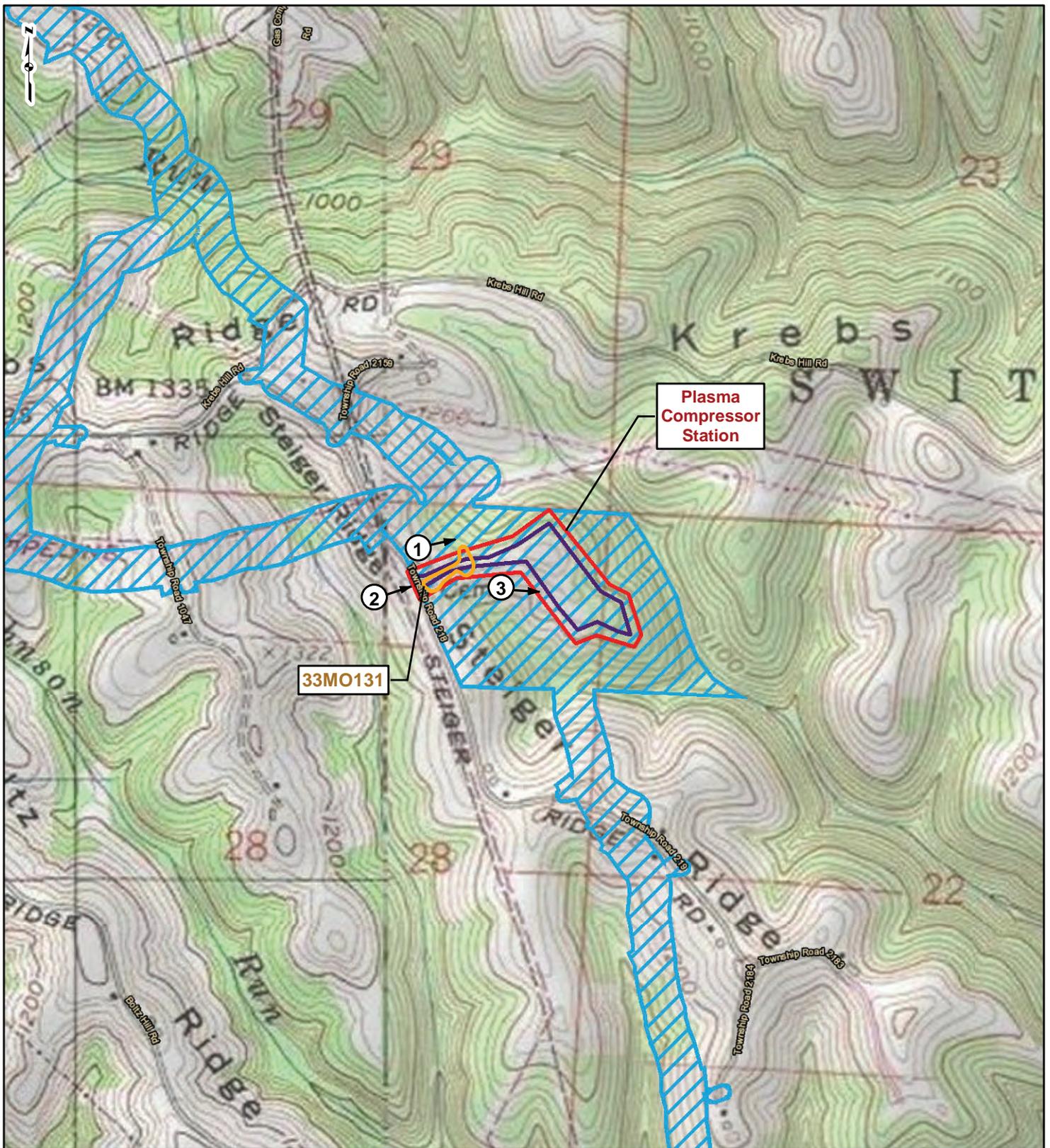
DRAWN BY: AJW

DATE: 10/21/2021

CHECKED: SWW

APPROVED: JG

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: CAMERON (1978), POWHATAN POINT (1978), OHIO, OBTAINED THROUGH ESRI USA TOPO MAPS, ACCESSED 10/2021.



PROJECT LOCATION

MONROE COUNTY, OHIO

LEGEND

- Limit of Disturbance
- Study Area
- Previous OVC Survey
- Site 33MO131
- Photograph

0 500 1,000 2,000 Feet

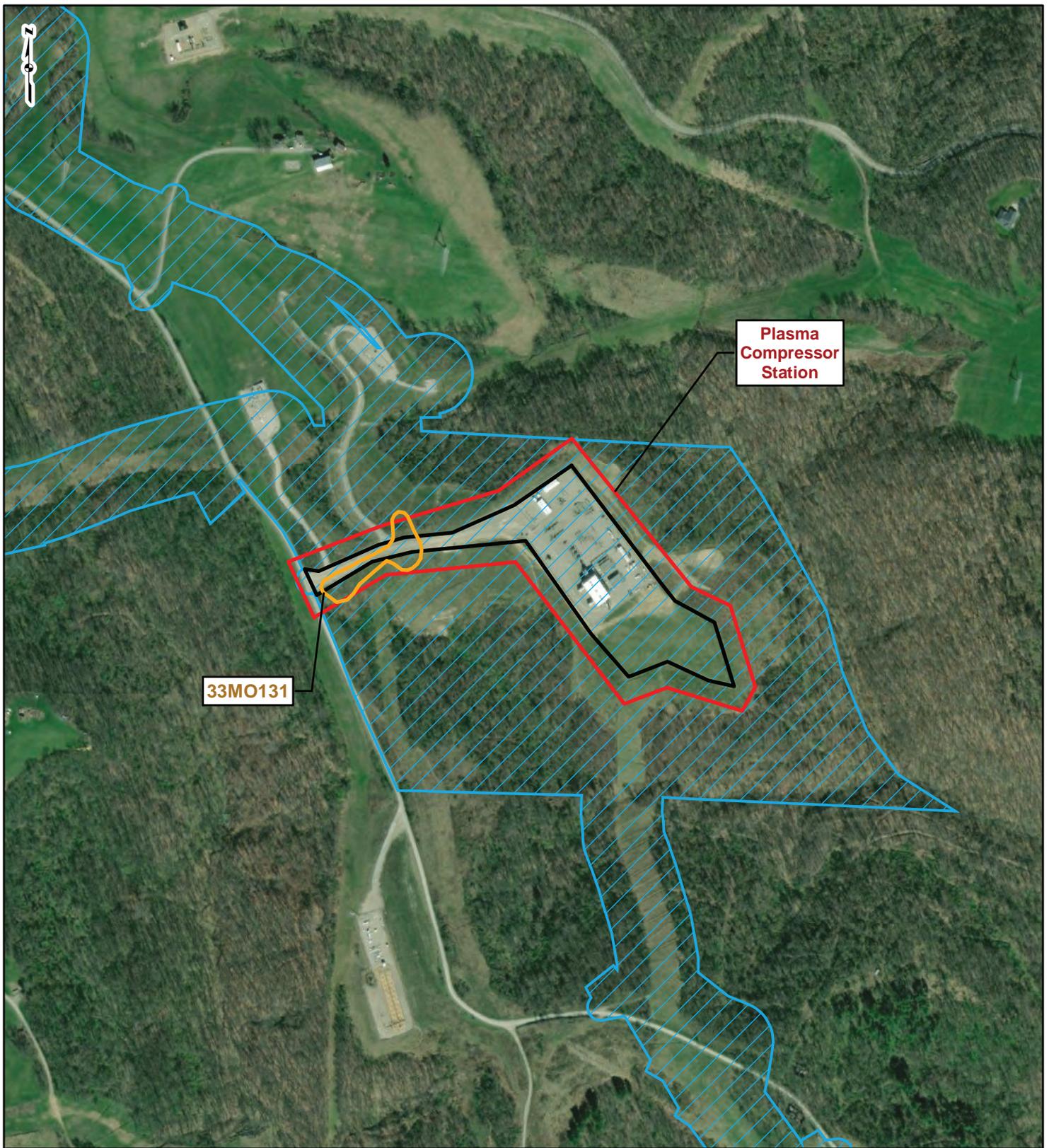
**FIGURE 2
PROJECT OVERVIEW**

OHIO VALLEY CONNECTOR EXPANSION

EQUITRANS, L.P.

DRAWN BY: JG DATE: 10/21/2021
 CHECKED: JCB APPROVED: JG

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: CAMERON (1978), POWHATAN POINT (1978), OHIO, OBTAINED THROUGH ESRI USA TOPO MAPS, ACCESSED 10/2021.



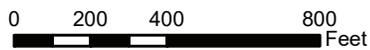
PROJECT LOCATION



MONROE COUNTY, OHIO

LEGEND

-  Limit of Disturbance
-  Study Area
-  Previous OVC Survey
-  Site 33MO131



**FIGURE 3
PROJECT SETTING**

OHIO VALLEY CONNECTOR EXPANSION



EQUITRANS, L.P.

DRAWN BY: JG

DATE: 10/21/2021

CHECKED: JCB

APPROVED: JG

REFERENCE: ESRI WORLD IMAGERY, PROVIDED BY VIVID - MAXAR USA, 2020, AND WORLD TRANSPORTATION, OBTAINED THROUGH ESRI ARCGIS ONLINE, © 2012 ESRI, DeLORME, NAVTEQ, TOMTOM, ACCESSED 10/2021.

Native American Tribal Organizations

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**EASTERN SHAWNEE
CULTURAL PRESERVATION DEPARTMENT**

70500 East 128 Road, Wyandotte, OK 74370

December 29, 2021

GAI Consultants

385 East Waterfront Drive

Homestead, PA 15120-5005

RE: *Ohio Valley Connector Expansion Project Equitrans, L.P. Greene County, Pennsylvania; Wetzel County WV and Monroe County, Ohio, Multiple County, WV and Ohio*

Dear Mr. Glenn,

The Eastern Shawnee Tribe has received your letter regarding the above referenced project(s) within Multiple County, WV and Ohio. The Eastern Shawnee Tribe is committed to protecting sites important to Tribal Heritage, Culture and Religion. Furthermore, the Tribe is particularly concerned with historical sites that may contain but not limited to the burial(s) of human remains and associated funerary objects.

As described in your correspondence, and upon research of our database(s) and files, we find our people occupied these areas historically and/or prehistorically. However, the project proposes **NO Adverse Effect** or endangerment to known sites of interest to the Eastern Shawnee Tribe. Please continue project as planned. However, should this project inadvertently discover an archeological site or object(s) we request that you immediately contact the Eastern Shawnee Tribe, as well as the appropriate state agencies (within 24 hours). We also ask that all ground disturbing activity stop until the Tribe and State agencies are consulted. Please note that any future changes to this project will require additional consultation.

In accordance with the NHPA of 1966 (16 U.S.C. § 470-470w-6), federally funded, licensed, or permitted undertakings that are subject to the Section 106 review process must determine effects to significant historic properties. As clarified in Section 101(d)(6)(A-B), historic properties may have religious and/or cultural significance to Indian Tribes. Section 106 of NHPA requires Federal agencies to consider the effects of their actions on all significant historic properties (36 CFR Part 800) as does the National Environmental Policy Act of 1969 (43 U.S.C. § 4321-4347 and 40 CFR § 1501.7(a)). This letter evidences NHPA and NEPA historic properties compliance pertaining to consultation with this Tribe regarding the referenced proposed projects.

Thank you, for contacting the Eastern Shawnee Tribe, we appreciate your cooperation. Should you have any further questions or comments please contact our Office.

Sincerely,

Paul Barton, Tribal Historic Preservation Officer (THPO)

Eastern Shawnee Tribe of Oklahoma

(918) 666-5151 Ext:1833

Jonathan Glenn

From: Joe Stahlman <Joe.Stahlman@sni.org>
Sent: Tuesday, December 21, 2021 8:46 AM
To: Jonathan Glenn
Cc: Debias, Erin; Merks, Ashley; Jennifer Broush; Jason Palonis
Subject: RE: External: Ohio Valley Connector Expansion Project (cultural resources)

Follow Up Flag: Follow up
Flag Status: Flagged

EXERCISE CAUTION: This is an External Email Message!

Think before clicking on links, opening attachments, or responding

Hi Mr. Glenn,

I do have a number of questions: How far down are you grating the roads? How many new structures are you creating?

Thank you,

Joe

From: Jonathan Glenn [mailto:j.glenn@gaiconsultants.com]
Sent: Monday, December 20, 2021 12:58 PM
To: Joe Stahlman <Joe.Stahlman@sni.org>
Cc: Debias, Erin <EDebias@equitransmidstream.com>; Merks, Ashley <amerks@equitransmidstream.com>; Jennifer Broush <j.broush@gaiconsultants.com>; Jason Palonis <J.Palonis@gaiconsultants.com>
Subject: External: Ohio Valley Connector Expansion Project (cultural resources)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dr. Stahlman,

Equitrans, L.P. (Equitrans) recently sent you a letter introducing a new proposed natural gas project, the Ohio Valley Connector Expansion Project (Project). Equitrans will be seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (FERC) pursuant to Section 7(c) of the Natural Gas Act (NGA) as amended, authorizing Equitrans to construct and operate the proposed Project.

Attached is a letter with a Project description and Project location maps. A hardcopy of the letter has also been mailed to your office. This informational letter is being provided as part of the initial consultation process in accordance with Section 106 of the National Historic Preservation Act (36 CFR 800.2). While these regulations allow companies or consultants to gather information, FERC ultimately will be responsible for determinations. Additionally, FERC ultimately will be responsible for establishing a government-to-government relationship.

On behalf of Equitrans, GAI Consultants, Inc. would like to take this opportunity to invite you to participate in the review of this Project during FERC's filing process. We look forward to your involvement and appreciate your cooperation.

Sincerely,

Jonathan Glenn

From: Jonathan Glenn
Sent: Monday, December 20, 2021 12:58 PM
To: dfrazier@astribc.com
Cc: Debias, Erin; Merks, Ashley; Jennifer Broush; Jason Palonis
Subject: Ohio Valley Connector Expansion Project (cultural resources)
Attachments: 2021_12_20 - OVCX letter - Tribal submit - Absentee-Shawnee (Frazier, THPO).pdf

Ms. Frazier,

Equitrans, L.P. (Equitrans) recently sent you a letter introducing a new proposed natural gas project, the Ohio Valley Connector Expansion Project (Project). Equitrans will be seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (FERC) pursuant to Section 7(c) of the Natural Gas Act (NGA) as amended, authorizing Equitrans to construct and operate the proposed Project.

Attached is a letter with a Project description and Project location maps. A hardcopy of the letter has also been mailed to your office. This informational letter is being provided as part of the initial consultation process in accordance with Section 106 of the National Historic Preservation Act (36 CFR 800.2). While these regulations allow companies or consultants to gather information, FERC ultimately will be responsible for determinations. Additionally, FERC ultimately will be responsible for establishing a government-to-government relationship.

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Sincerely,

Jonathan Glenn, M.A., RPA
Cultural Resources Manager

Office 412.399.5191 Mobile 412.735.9970

GAI Consultants, Inc., 385 East Waterfront Drive, Homestead, PA 15120-5005

[Facebook](#) | [LinkedIn](#) | [Twitter](#) | [YouTube](#) | [News & Insights](#) | [gaiconsultants.com \(412-476-2000\)](#)



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December 20, 2021

Project R210388.00

Ms. Devon Frazier, THPO
Absentee-Shawnee Tribe of Indians of Oklahoma
2025 S. Gordon Cooper Drive,
Shawnee, OK 74801

Project Information

FERC Docket No. *Pending*

Ohio Valley Connector Expansion Project

Equitrans, L.P.

Greene County, Pennsylvania; Wetzel County, West Virginia; and Monroe County, Ohio

Dear Ms. Frazier:

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- ▶ removal of the existing 3606 compressor and addition of two Taurus T-70 turbines at the existing Cygrymus Compressor Station with additional mechanical and electrical equipment to support the horsepower increase in Greene County, PA;
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Project Request

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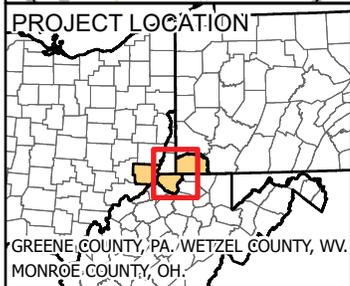
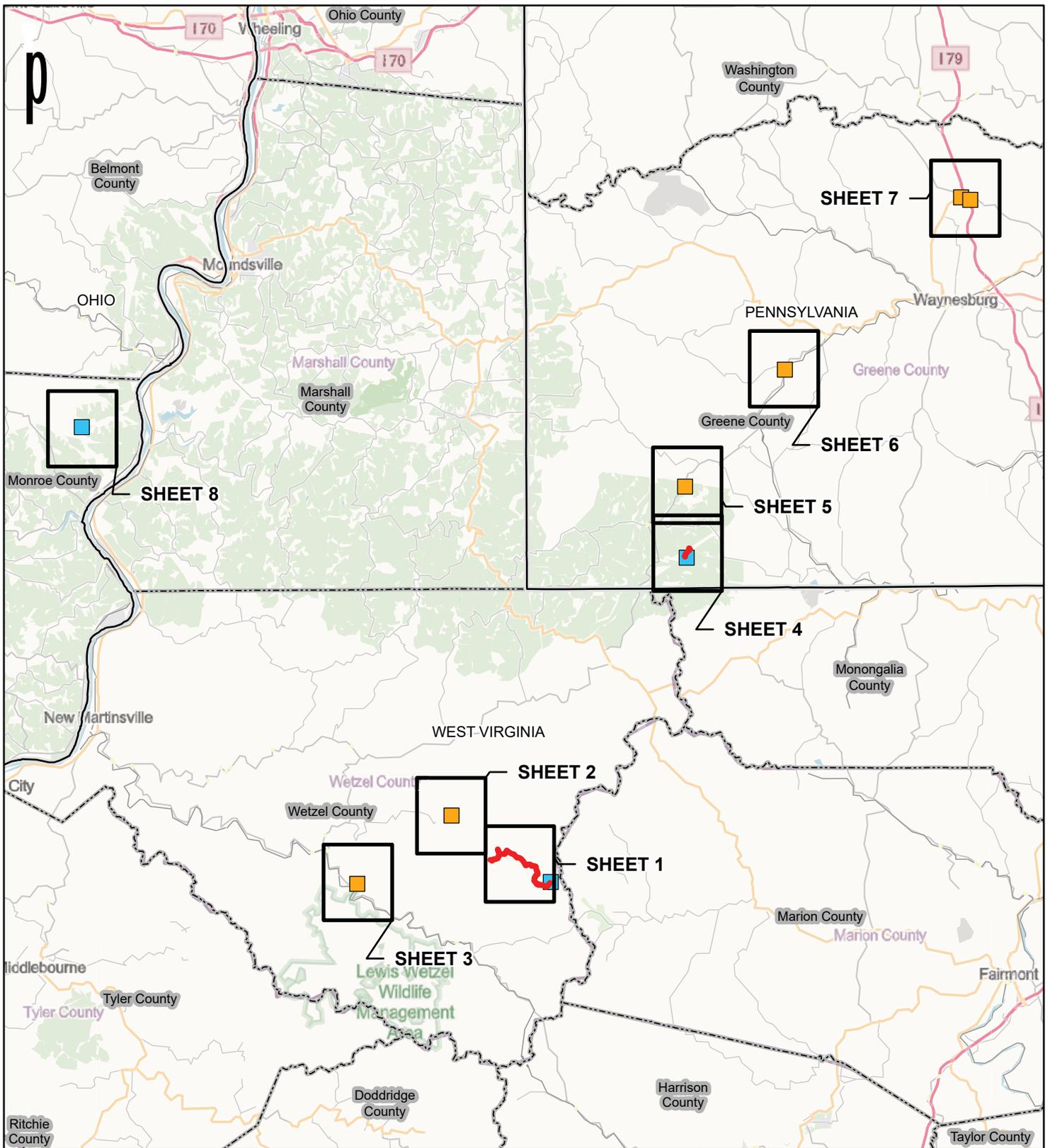


Digitally signed by
Jonathan Glenn

Jonathan Glenn, M.A., RPA
Cultural Resources Manager

Attachments: Project Location Map

cc: Ms. Erin Debias, Equitrans
Ms. Ashley Merks, Equitrans



LEGEND

	Compressor Station		County Boundary
	Contractor Yard		Sheet Index
	Pipeline Centerline		State Boundary

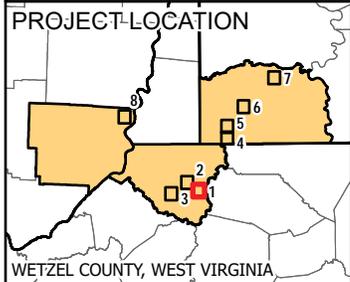
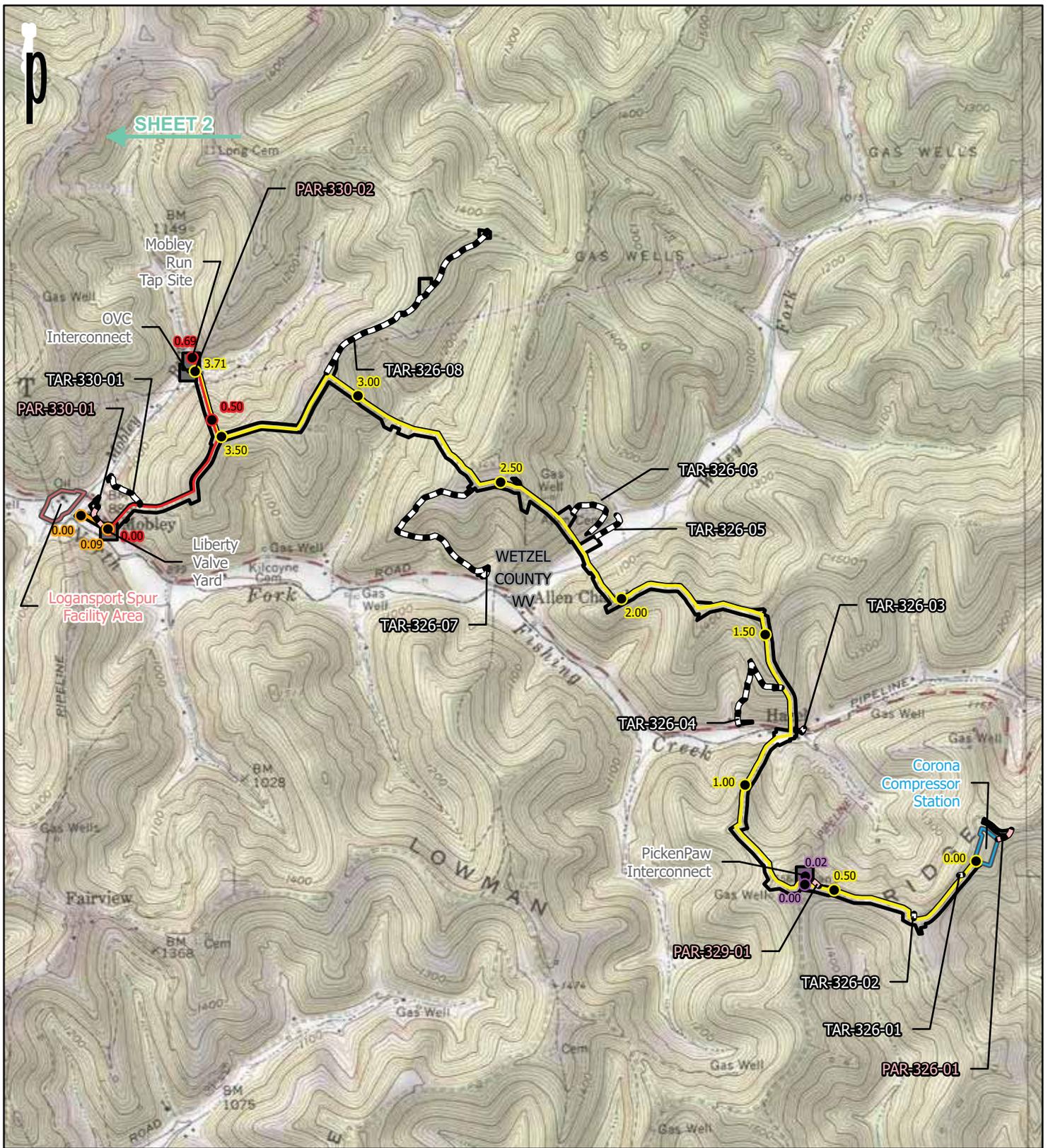
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Miles

PROJECT LOCATION MAP SHEET INDEX

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

DRAWN BY: TAF	DATE: 12/2/2021
CHECKED: MDO	APPROVED: JJP

REFERENCE: ESRI OPEN STREET MAP (WITH RELIEF), ACCESSED 12/2/2021.



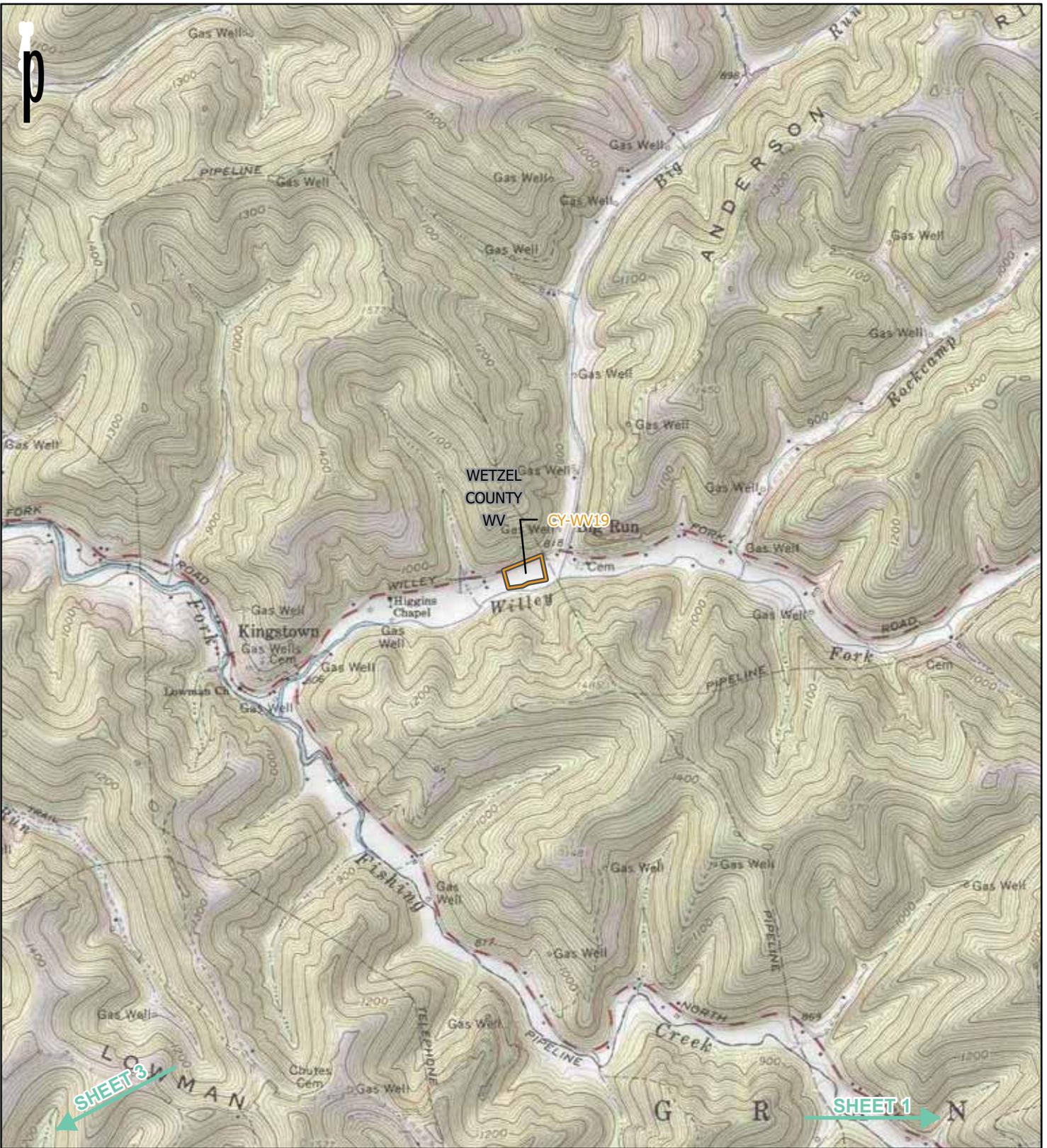
LEGEND			
	Permanent Access		H-330 Spur Milepost
	Temporary Access		Ancillary Aboveground Facilities
	H-326 Milepost		H-326 Pipeline
	H-327 Milepost		H-327 Pipeline
	H-328 Milepost		H-328 Pipeline
	H-329 Milepost		H-329 Pipeline
	H-330 Milepost		H-330 Pipeline
	Limit of Disturbance		Compressor Station
	Contractor Yard		Logansport Spur Facility Area
	County Boundary		

PROJECT LOCATION MAP
SHEET 1 OF 8

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

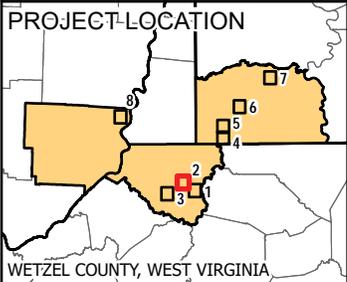
DRAWN BY: TAF DATE: 12/2/2021
CHECKED: MDO APPROVED: JJP

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: BIG RUN (1978), GLOVER GAP (1978), AND PINE GROVE (1979), WEST VIRGINIA. HOLBROOK (1973), HUNDRED (1978), NEW FREEPORT (1973), ROGERSVILLE (1973), WADESTOWN (1978), AND WAYNESBURG (1973), PENNSYLVANIA. CAMERON (1978), AND POWHATAN POINT (1978), OHIO. OBTAINED THROUGH ESRI USA TOPO MAPS, ACCESSED 12/2/2021.



SHEET 3

SHEET 1



LEGEND

Permanent Access	H-330 Spur Milepost	H330 Spur Pipeline
Temporary Access	Ancillary Aboveground Facilities	Limit of Disturbance
H-326 Milepost	H-326 Pipeline	Compressor Station
H-327 Milepost	H-327 Pipeline	Contractor Yard
H-328 Milepost	H-328 Pipeline	Logansport Spur Facility Area
H-329 Milepost	H-329 Pipeline	County Boundary
H-329 Milepost	H-330 Pipeline	
H-330 Milepost		

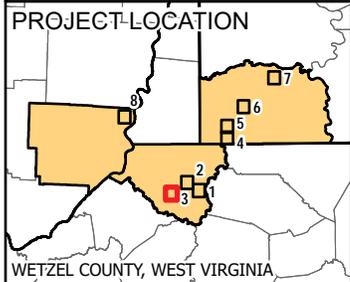
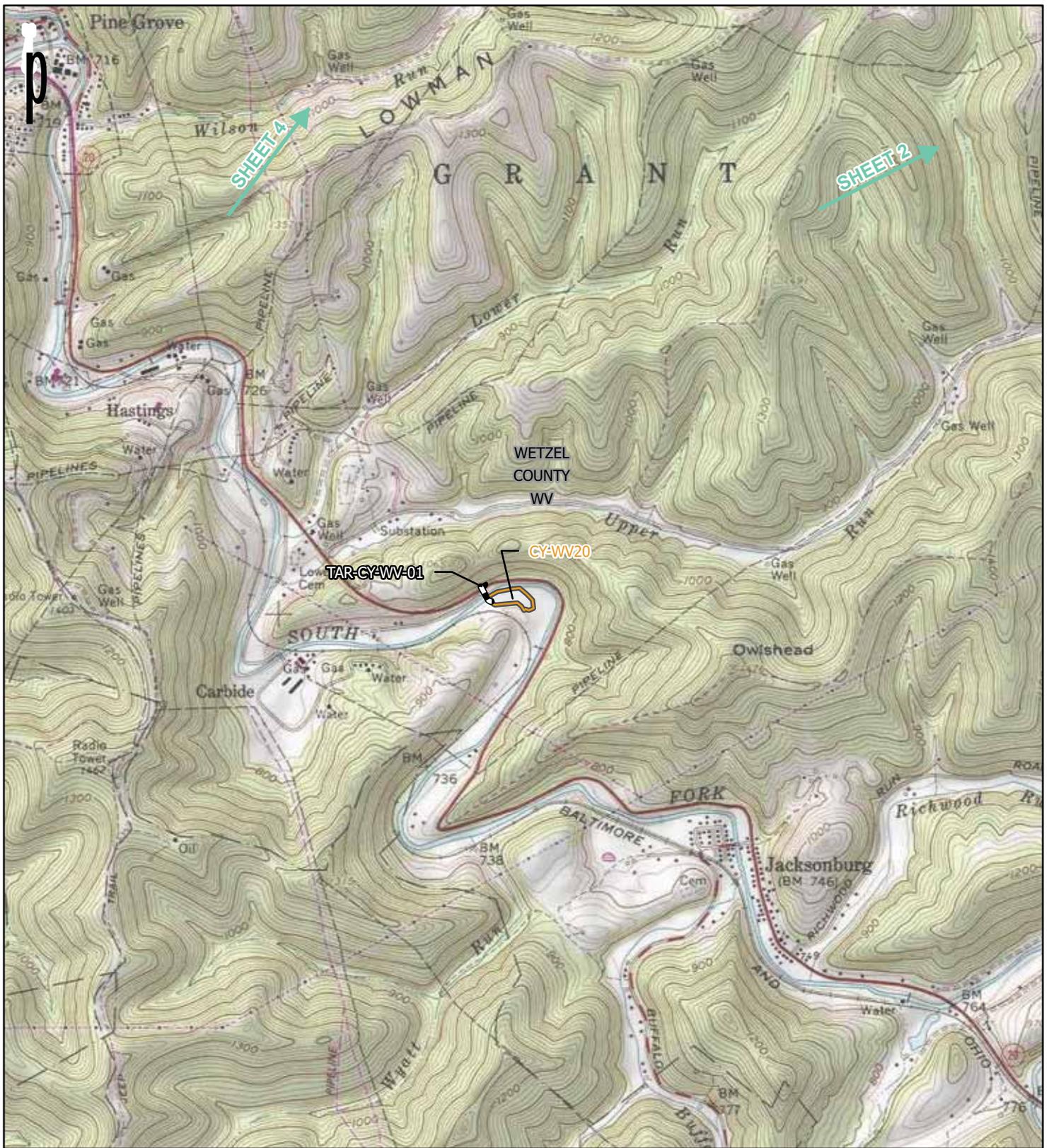
0 1,000 2,000 4,000 Feet

PROJECT LOCATION MAP
SHEET 2 OF 8

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

DRAWN BY: TAF DATE: 12/2/2021
CHECKED: MDO APPROVED: JJP

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LEGEND			
	Permanent Access		H-330 Spur Milepost
	Temporary Access		Ancillary Aboveground Facilities
	H-326 Milepost		H-326 Pipeline
	H-327 Milepost		H-327 Pipeline
	H-328 Milepost		H-328 Pipeline
	H-329 Milepost		H-329 Pipeline
	H-330 Milepost		H-330 Pipeline
	Limit of Disturbance		Compressor Station
	Contractor Yard		Logansport Spur Facility Area
	County Boundary		County Boundary

PROJECT LOCATION MAP
SHEET 3 OF 8

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

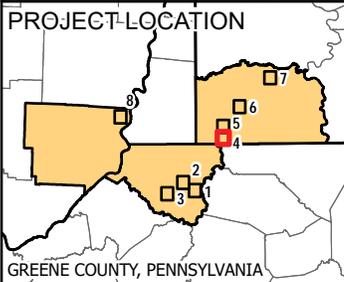
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SHEET 5
SHEET 4

SHEET 3



LEGEND		
	H-330 Spur Milepost	H330 Spur Pipeline
	Ancillary Aboveground Facilities	Limit of Disturbance
	H-326 Pipeline	Compressor Station
	H-327 Pipeline	Contractor Yard
	H-328 Pipeline	Logansport Spur Facility Area
	H-329 Pipeline	County Boundary
	H-330 Pipeline	

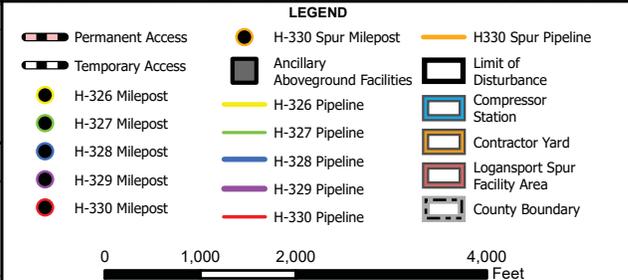
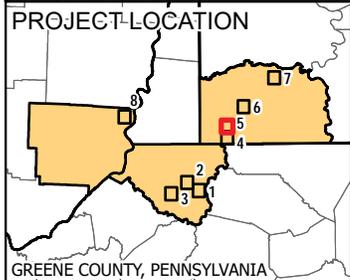
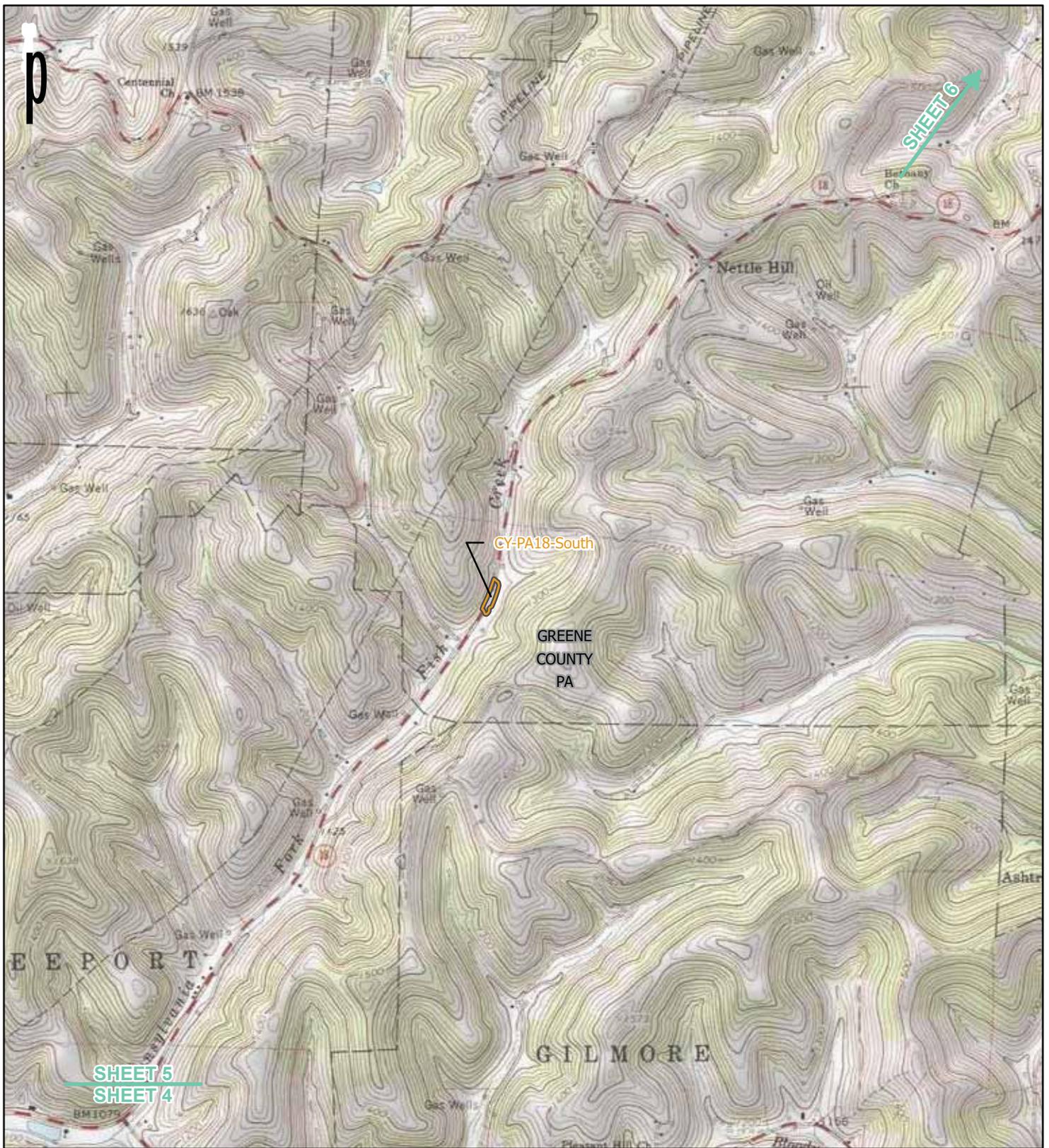


PROJECT LOCATION MAP
SHEET 4 OF 8

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

DRAWN BY: TAF DATE: 12/2/2021
CHECKED: MDO APPROVED: JJP

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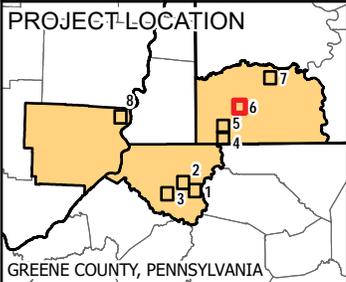
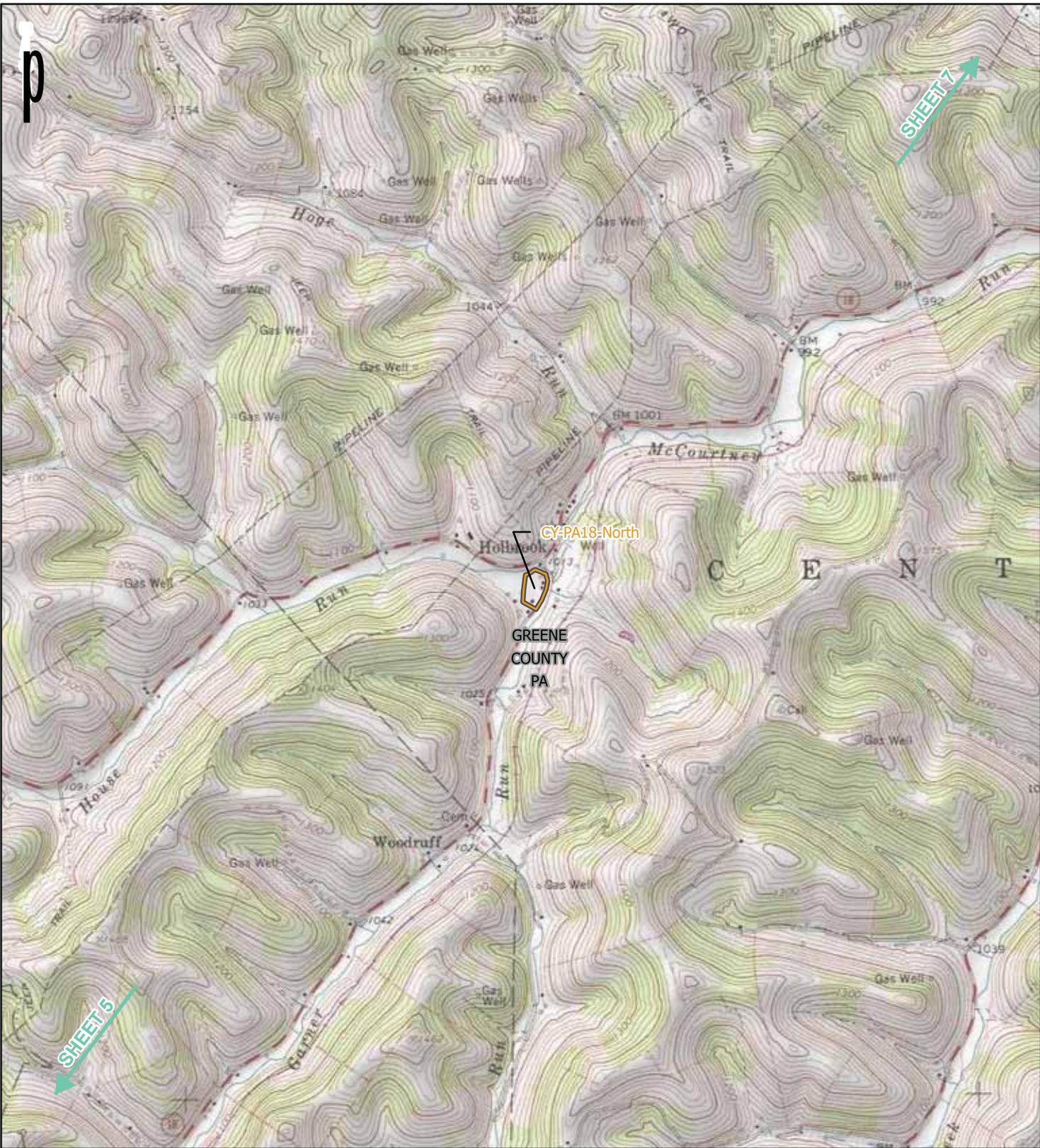


PROJECT LOCATION MAP
SHEET 5 OF 8

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

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LEGEND

Permanent Access	H-330 Spur Milepost	H330 Spur Pipeline
Temporary Access	Ancillary Aboveground Facilities	Limit of Disturbance
H-326 Milepost	H-326 Pipeline	Compressor Station
H-327 Milepost	H-327 Pipeline	Contractor Yard
H-328 Milepost	H-328 Pipeline	Logansport Spur Facility Area
H-329 Milepost	H-329 Pipeline	County Boundary
H-330 Milepost	H-330 Pipeline	

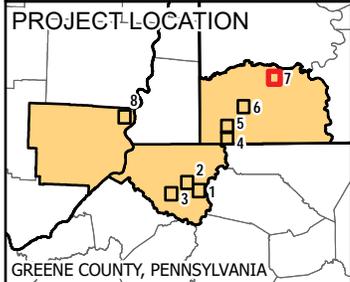
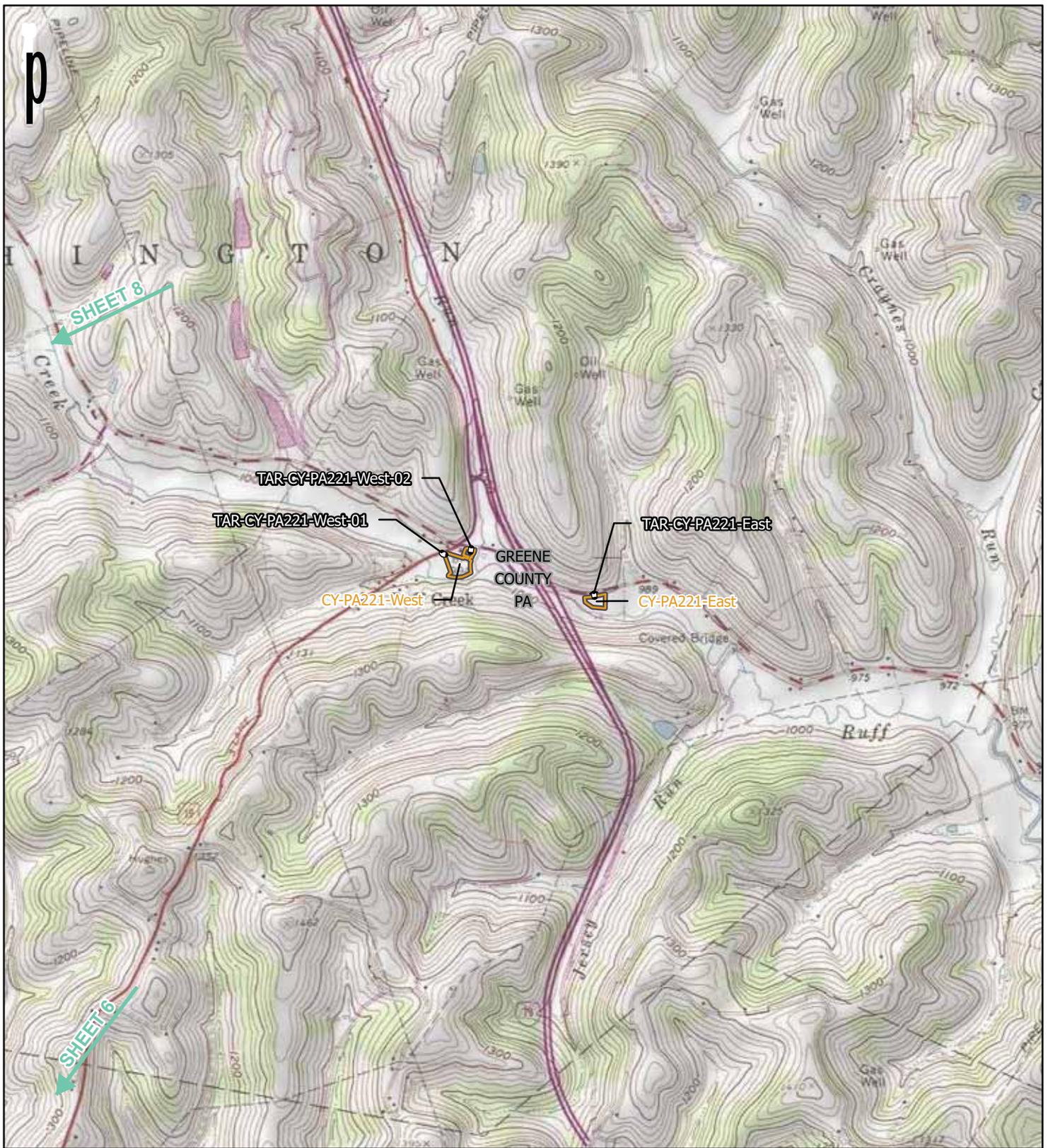
0 1,000 2,000 4,000 Feet

PROJECT LOCATION MAP
SHEET 6 OF 8

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

DRAWN BY: TAF DATE: 12/2/2021
CHECKED: MDO APPROVED: JJP

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: BIG RUN (1978), GLOVER GAP (1978), AND PINE GROVE (1979), WEST VIRGINIA, HOLBROOK (1973), HUNDRED (1978), NEW FREEPORT (1973), ROGERSVILLE (1973), WADESTOWN (1978), AND WAYNESBURG (1973), PENNSYLVANIA, CAMERON (1978), AND POWHATAN POINT (1978), OHIO. OBTAINED THROUGH ESRI USA TOPO MAPS, ACCESSED 12/2/2021.



LEGEND

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H-326 Milepost	H-326 Pipeline	Compressor Station
H-327 Milepost	H-327 Pipeline	Contractor Yard
H-328 Milepost	H-328 Pipeline	Logansport Spur Facility Area
H-329 Milepost	H-329 Pipeline	County Boundary
H-329 Milepost	H-330 Pipeline	
H-330 Milepost		

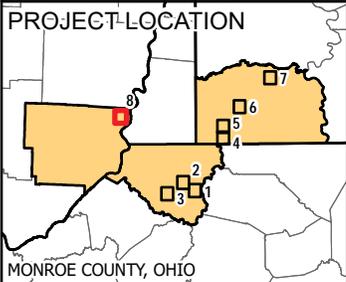
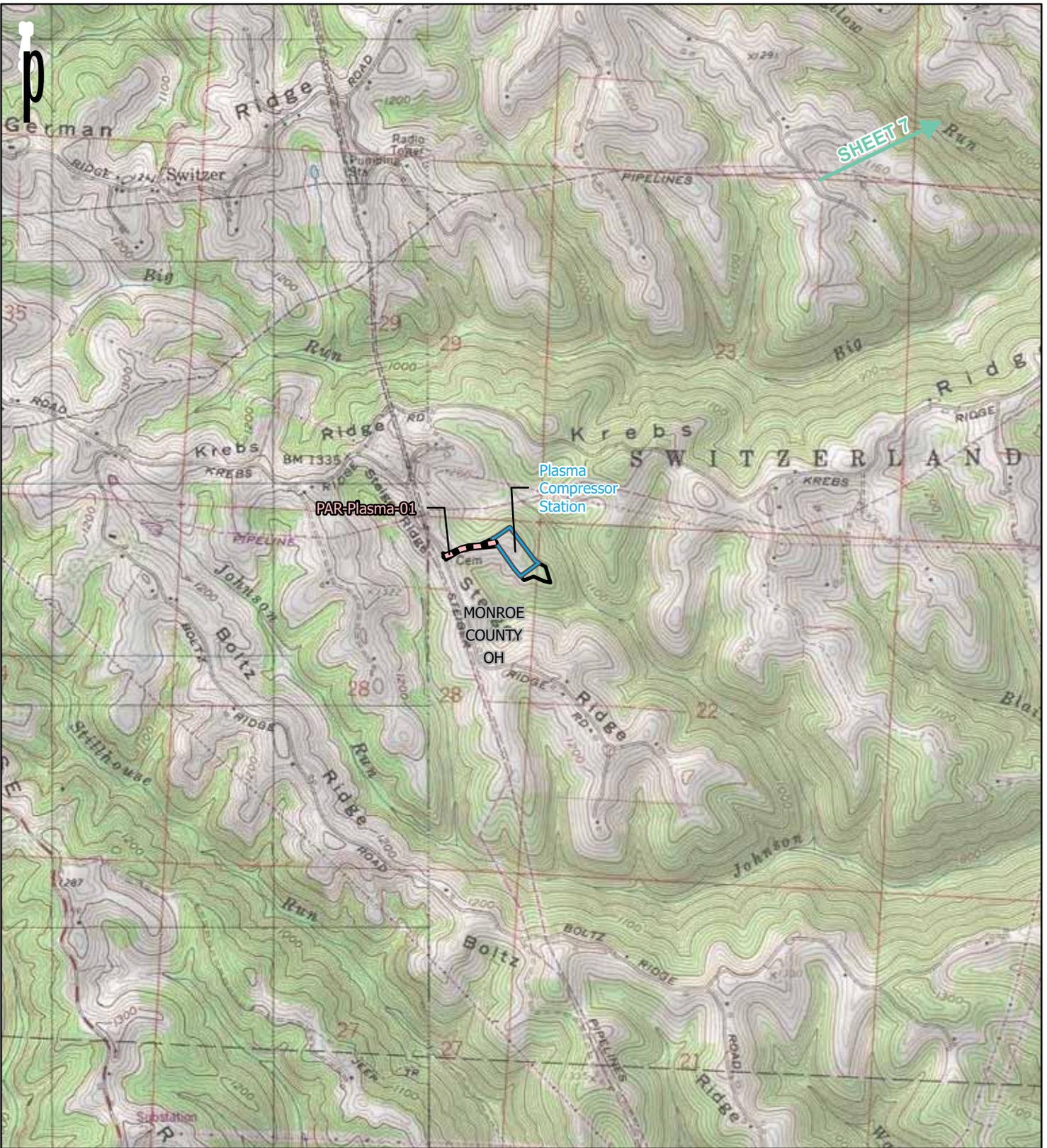
0 1,000 2,000 4,000 Feet

**PROJECT LOCATION MAP
SHEET 7 OF 8**

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

DRAWN BY: TAF DATE: 12/2/2021
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LEGEND		
	H-330 Spur Milepost	H330 Spur Pipeline
	Ancillary Aboveground Facilities	Limit of Disturbance
	H-326 Pipeline	Compressor Station
	H-327 Pipeline	Contractor Yard
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	H-329 Pipeline	County Boundary
	H-330 Pipeline	

PROJECT LOCATION MAP
SHEET 8 OF 8

OHIO VALLEY CONNECTOR EXPANSION PROJECT
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Jonathan Glenn

From: Jonathan Glenn
Sent: Monday, December 20, 2021 12:58 PM
To: governor@astribe.com
Cc: Debias, Erin; Merks, Ashley; Jennifer Broush; Jason Palonis
Subject: Ohio Valley Connector Expansion Project (cultural resources)
Attachments: 2021_12_20 - OVCX letter - Tribal submit - Absentee-Shawnee (Johnson, Governor).pdf

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Cultural Resources Manager

Office 412.399.5191 Mobile 412.735.9970

GAI Consultants, Inc., 385 East Waterfront Drive, Homestead, PA 15120-5005

[Facebook](#) | [LinkedIn](#) | [Twitter](#) | [YouTube](#) | [News & Insights](#) | [gaiconsultants.com \(412-476-2000\)](#)



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December 20, 2021

Project R210388.00

Mr. John Raymond Johnson, Governor
Absentee-Shawnee Tribe of Indians of Oklahoma
2025 S. Gordon Cooper Drive,
Shawnee, OK 74801

Project Information

FERC Docket No. *Pending*

Ohio Valley Connector Expansion Project

Equitrans, L.P.

Greene County, Pennsylvania; Wetzel County, West Virginia; and Monroe County, Ohio

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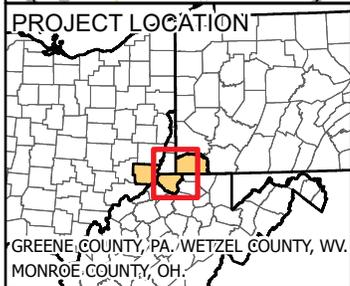
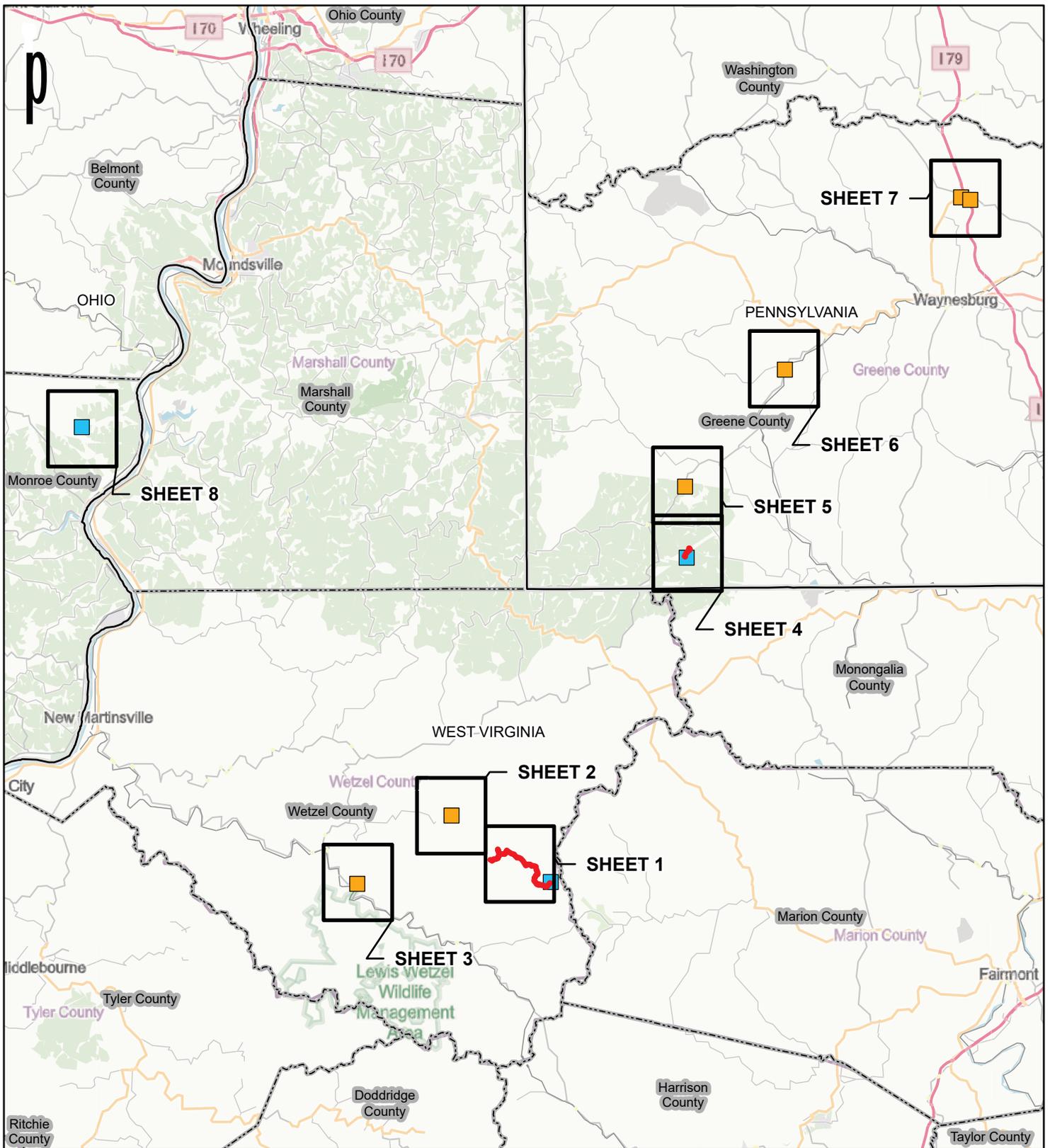


Digitally signed by
Jonathan Glenn

Jonathan Glenn, M.A., RPA
Cultural Resources Manager

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cc: Ms. Erin Debias, Equitrans
Ms. Ashley Merks, Equitrans



LEGEND

	Compressor Station		County Boundary
	Contractor Yard		Sheet Index
	Pipeline Centerline		State Boundary

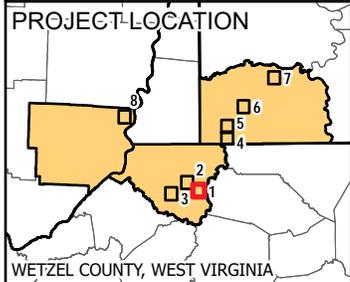
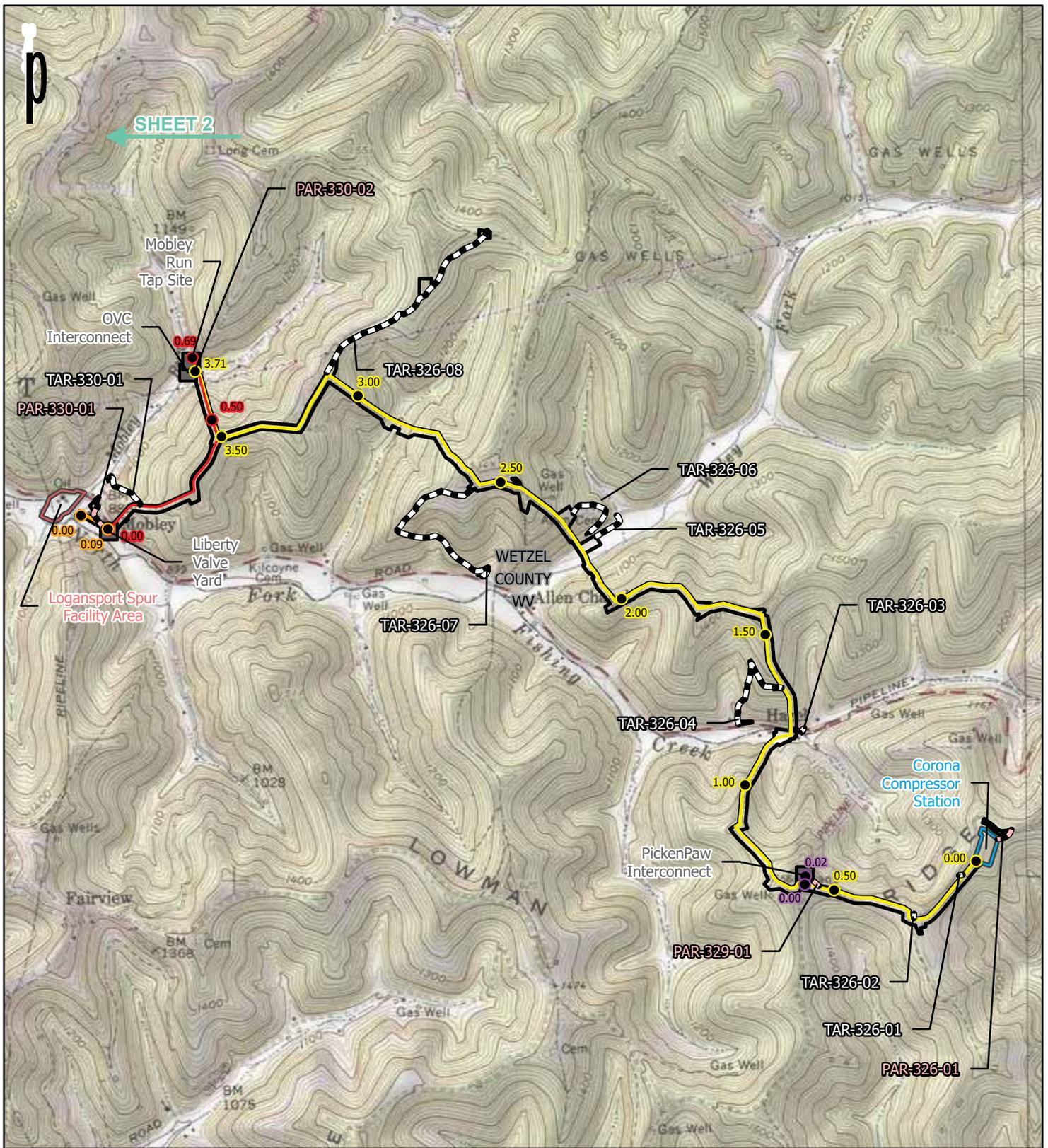
0 2.5 5 10
Miles

**PROJECT LOCATION MAP
SHEET INDEX**

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

DRAWN BY: TAF	DATE: 12/2/2021
CHECKED: MDO	APPROVED: JJP

REFERENCE: ESRI OPEN STREET MAP (WITH RELIEF), ACCESSED 12/2/2021.



LEGEND

Permanent Access	H-330 Spur Milepost	H330 Spur Pipeline
Temporary Access	Ancillary Aboveground Facilities	Limit of Disturbance
H-326 Milepost	H-326 Pipeline	Compressor Station
H-327 Milepost	H-327 Pipeline	Contractor Yard
H-328 Milepost	H-328 Pipeline	Logansport Spur Facility Area
H-329 Milepost	H-329 Pipeline	County Boundary
H-330 Milepost	H-330 Pipeline	

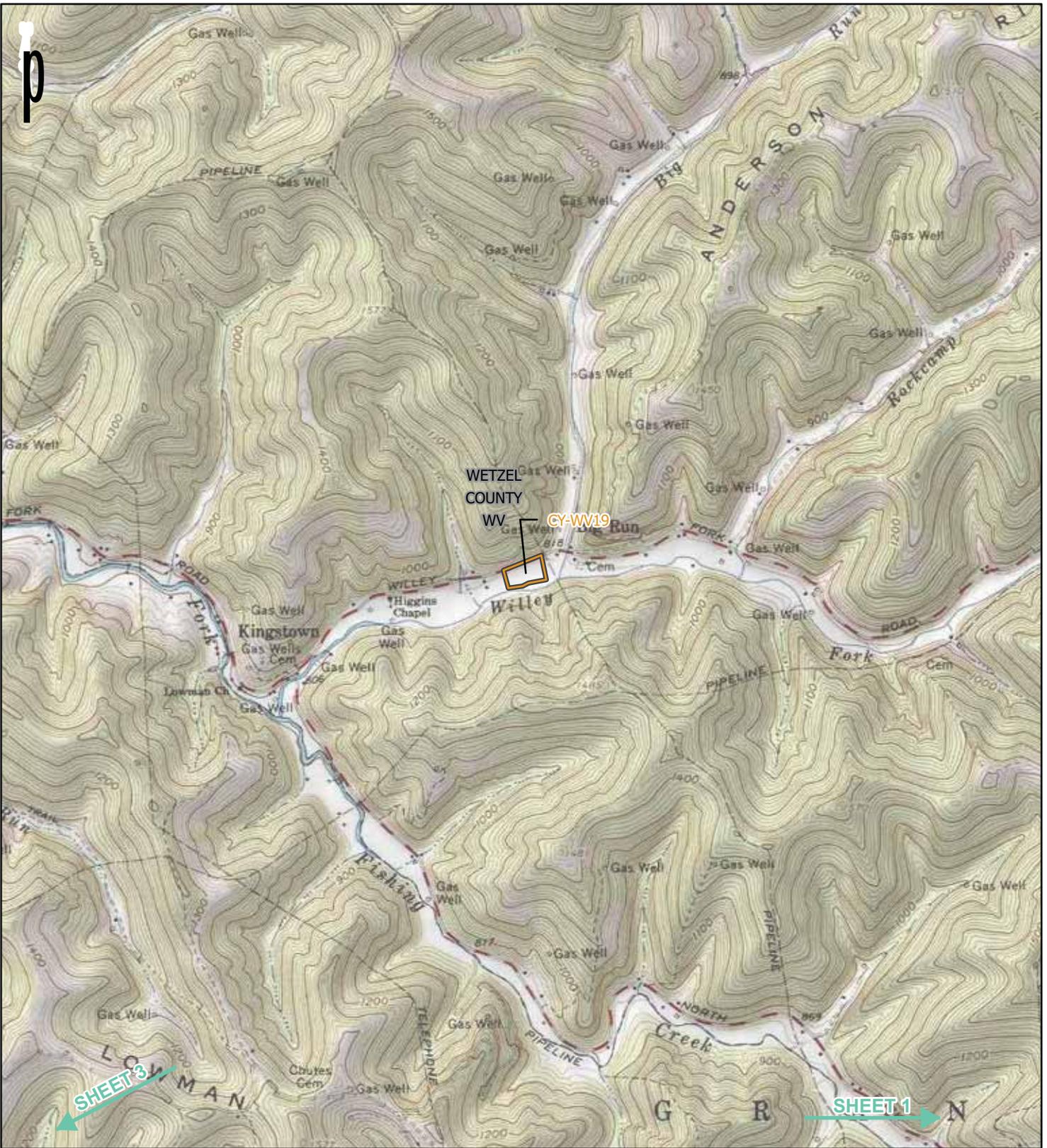
0 1,000 2,000 4,000 Feet

**PROJECT LOCATION MAP
SHEET 1 OF 8**

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

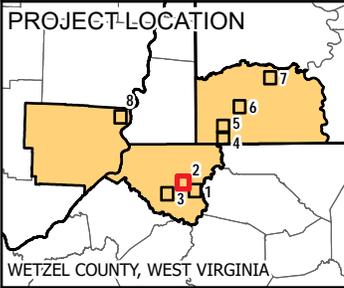
DRAWN BY: TAF DATE: 12/2/2021
 CHECKED: MDO APPROVED: JJP

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: BIG RUN (1978), GLOVER GAP (1978), AND PINE GROVE (1979), WEST VIRGINIA. HOLBROOK (1973), HUNDRED (1978), NEW FREEPORT (1973), ROGERSVILLE (1973), WADESTOWN (1978), AND WAYNESBURG (1973), PENNSYLVANIA. CAMERON (1978), AND POWHATAN POINT (1978), OHIO. OBTAINED THROUGH ESRI USA TOPO MAPS, ACCESSED 12/2/2021.



SHEET 3

SHEET 1



LEGEND

Permanent Access	H-330 Spur Milepost	H330 Spur Pipeline
Temporary Access	Ancillary Aboveground Facilities	Limit of Disturbance
H-326 Milepost	H-326 Pipeline	Compressor Station
H-327 Milepost	H-327 Pipeline	Contractor Yard
H-328 Milepost	H-328 Pipeline	Logansport Spur Facility Area
H-329 Milepost	H-329 Pipeline	County Boundary
H-329 Milepost	H-330 Pipeline	
H-330 Milepost		

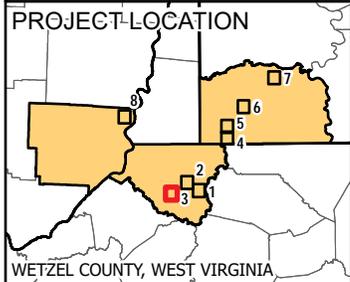
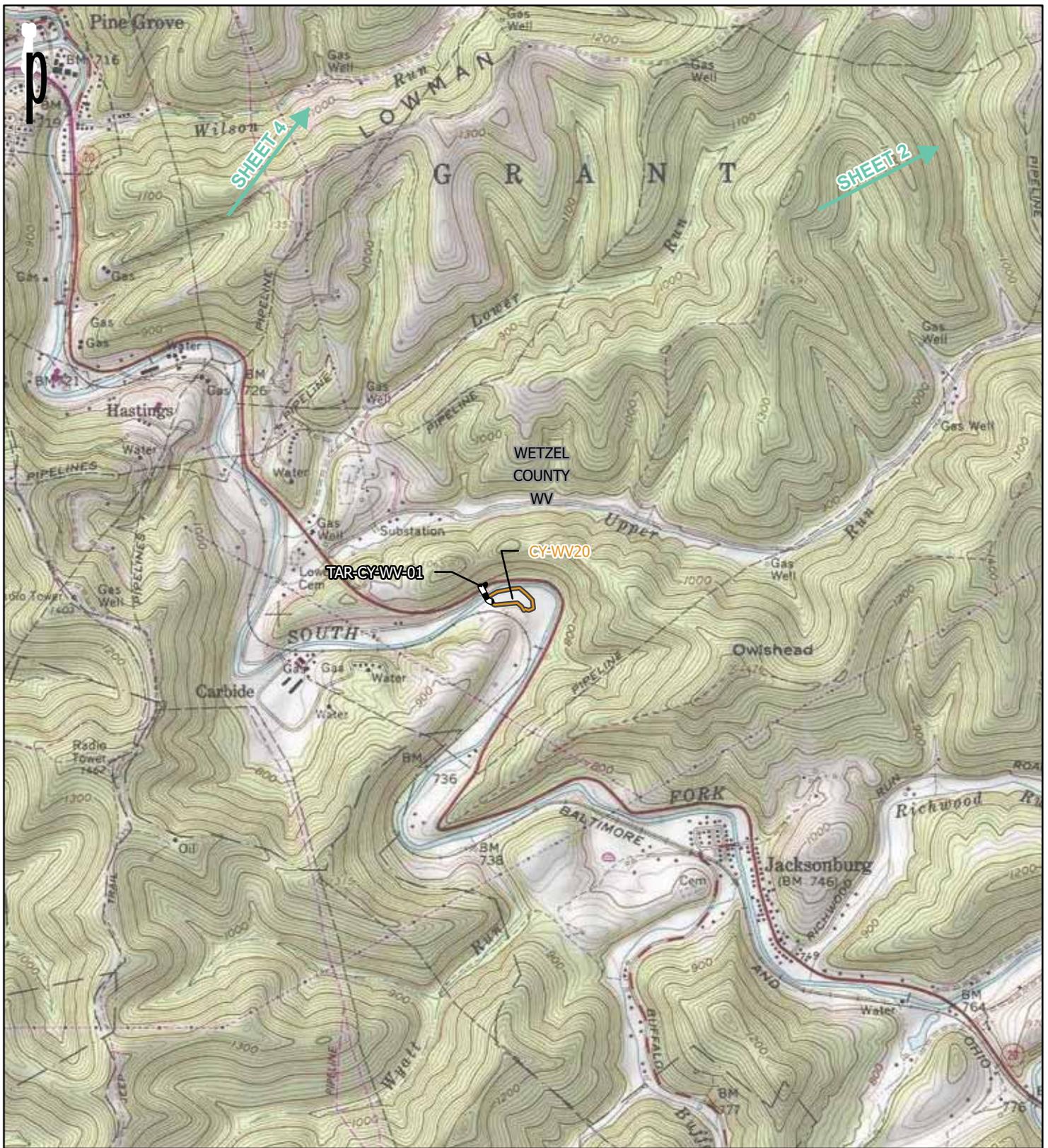
0 1,000 2,000 4,000 Feet

PROJECT LOCATION MAP
SHEET 2 OF 8

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

DRAWN BY: TAF DATE: 12/2/2021
CHECKED: MDO APPROVED: JJP

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: BIG RUN (1978), GLOVER GAP (1978), AND PINE GROVE (1979), WEST VIRGINIA. HOLBROOK (1973), HUNDRED (1978), NEW FREEPORT (1973), ROGERSVILLE (1973), WADESTOWN (1978), AND WAYNESBURG (1973), PENNSYLVANIA. CAMERON (1978), AND POWHATAN POINT (1978), OHIO. OBTAINED THROUGH ESRI USA TOPO MAPS, ACCESSED 12/2/2021.



LEGEND			
	Permanent Access		H-330 Spur Milepost
	Temporary Access		Ancillary Aboveground Facilities
	H-326 Milepost		H-326 Pipeline
	H-327 Milepost		H-327 Pipeline
	H-328 Milepost		H-328 Pipeline
	H-329 Milepost		H-329 Pipeline
	H-330 Milepost		H-330 Pipeline
	Limit of Disturbance		Compressor Station
	Contractor Yard		Logansport Spur Facility Area
	County Boundary		

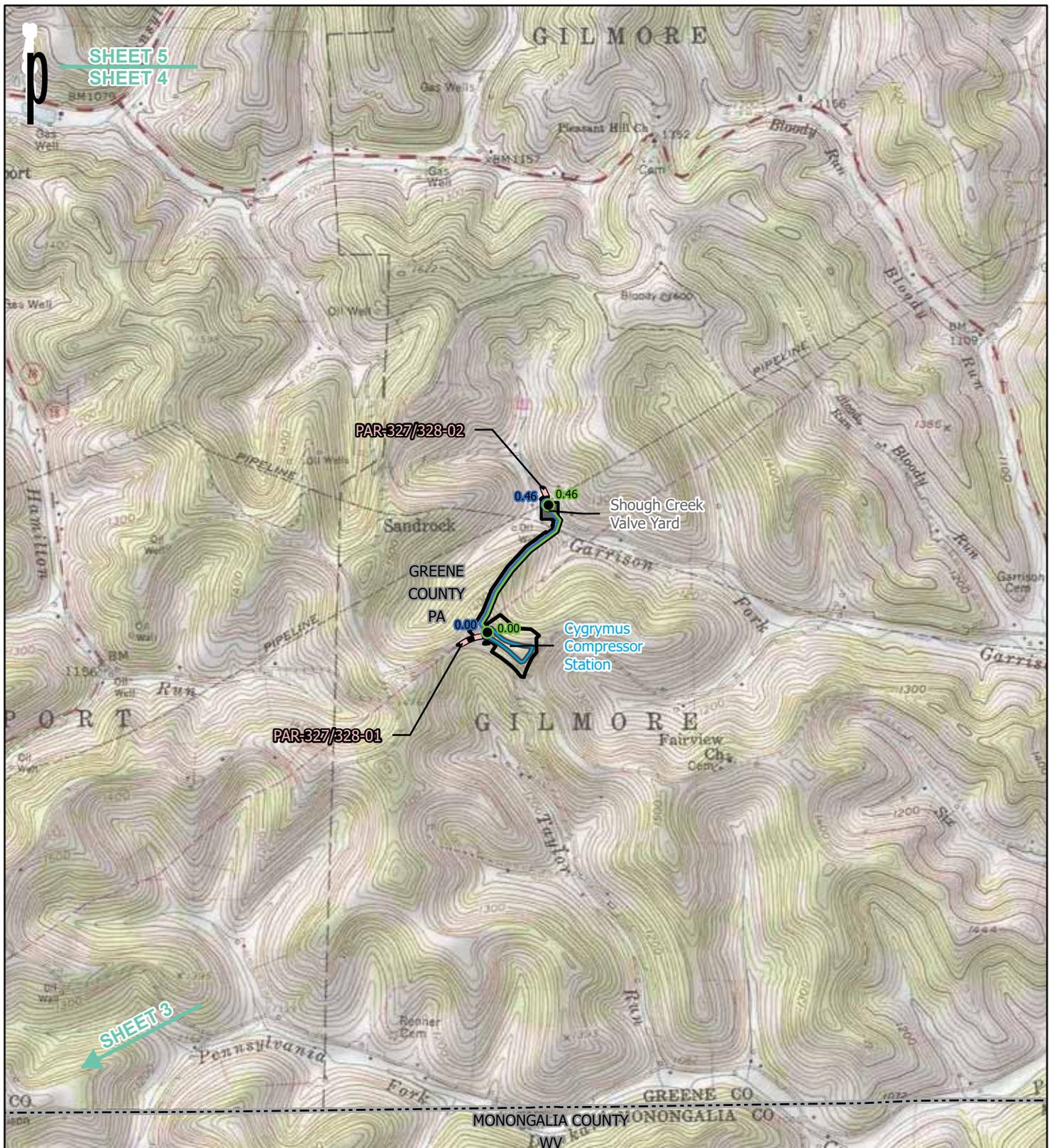
PROJECT LOCATION MAP
SHEET 3 OF 8

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

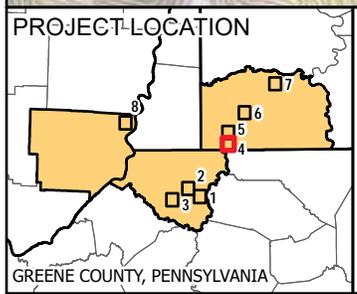
DRAWN BY: TAF DATE: 12/2/2021
CHECKED: MDO APPROVED: JJP

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: BIG RUN (1978), GLOVER GAP (1978), AND PINE GROVE (1979), WEST VIRGINIA. HOLBROOK (1973), HUNDRED (1978), NEW FREEPORT (1973), ROGERSVILLE (1973), WADESTOWN (1978), AND WAYNESBURG (1973), PENNSYLVANIA. CAMERON (1978), AND POWHATAN POINT (1978), OHIO. OBTAINED THROUGH ESRI USA TOPO MAPS, ACCESSED 12/2/2021.

SHEET 5
SHEET 4



SHEET 3



LEGEND

Permanent Access	H-330 Spur Milepost	H330 Spur Pipeline
Temporary Access	Ancillary Aboveground Facilities	Limit of Disturbance
H-326 Milepost	H-326 Pipeline	Compressor Station
H-327 Milepost	H-327 Pipeline	Contractor Yard
H-328 Milepost	H-328 Pipeline	Logansport Spur Facility Area
H-329 Milepost	H-329 Pipeline	County Boundary
H-329 Milepost	H-330 Pipeline	
H-330 Milepost		

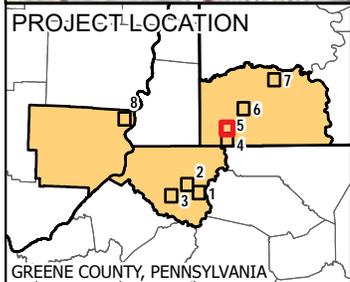
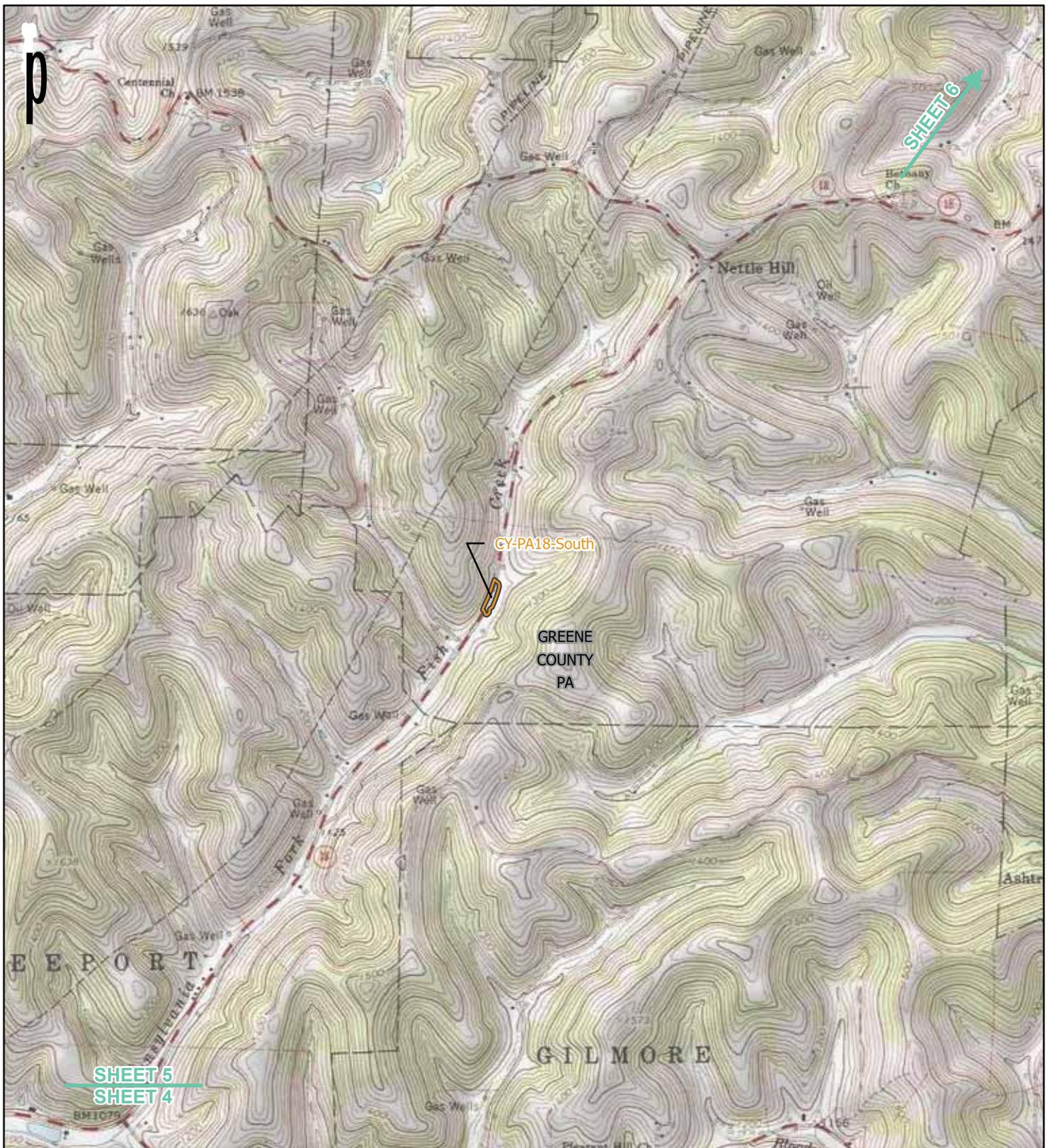
0 1,000 2,000 4,000 Feet

**PROJECT LOCATION MAP
SHEET 4 OF 8**

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

DRAWN BY: TAF DATE: 12/2/2021
CHECKED: MDO APPROVED: JJP

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: BIG RUN (1978), GLOVER GAP (1978), AND PINE GROVE (1979), WEST VIRGINIA, HOLBROOK (1973), HUNDRED (1978), NEW FREEPORT (1973), ROGERSVILLE (1973), WADESTOWN (1978), AND WAYNESBURG (1973), PENNSYLVANIA, CAMERON (1978), AND POWHATAN POINT (1978), OHIO. OBTAINED THROUGH ESRI USA TOPO MAPS, ACCESSED 12/2/2021.



LEGEND

Permanent Access	H-330 Spur Milepost	H330 Spur Pipeline
Temporary Access	Ancillary Aboveground Facilities	Limit of Disturbance
H-326 Milepost	H-326 Pipeline	Compressor Station
H-327 Milepost	H-327 Pipeline	Contractor Yard
H-328 Milepost	H-328 Pipeline	Logansport Spur Facility Area
H-329 Milepost	H-329 Pipeline	County Boundary
H-330 Milepost	H-330 Pipeline	

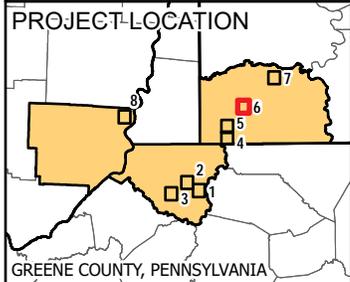
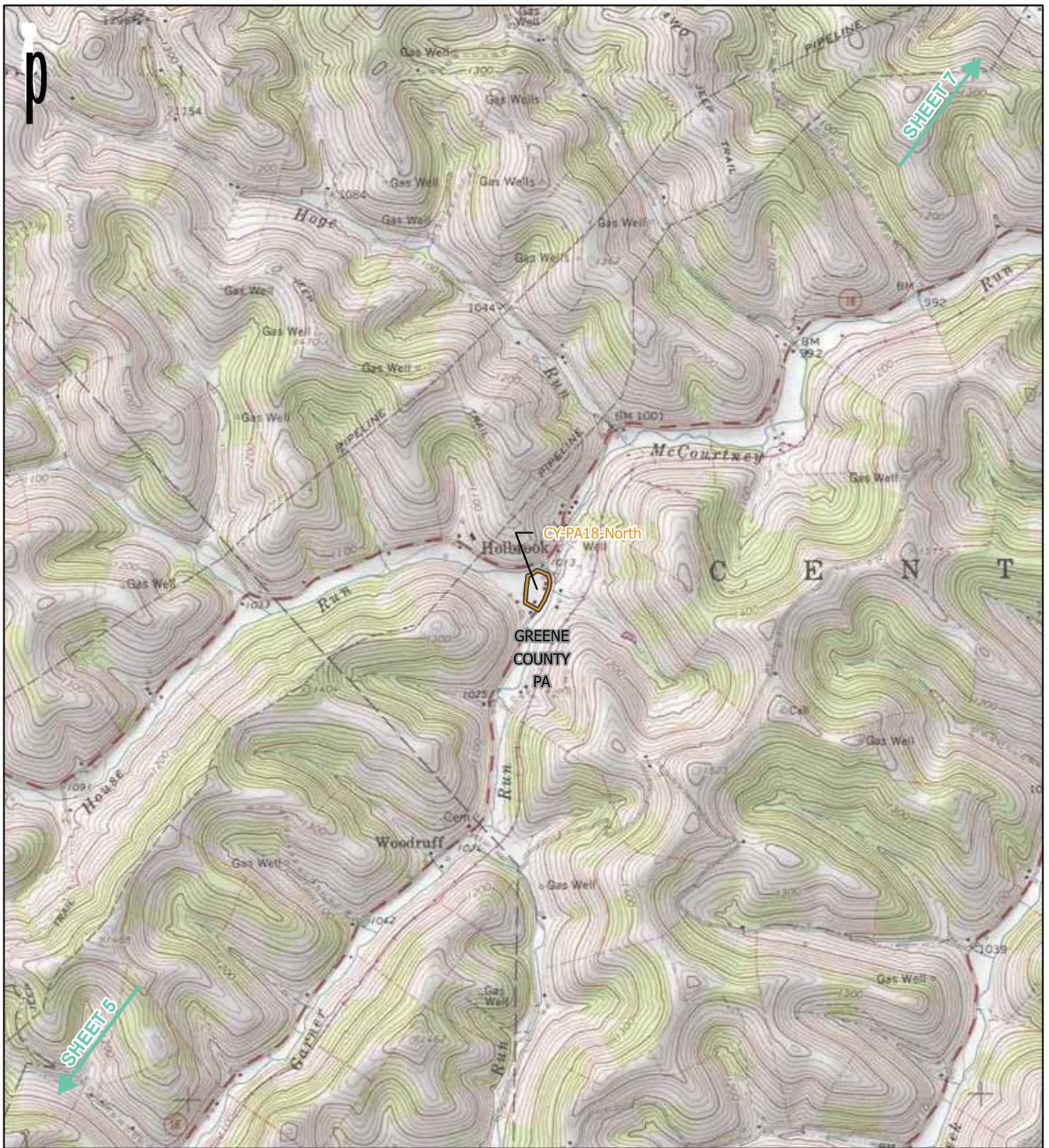
0 1,000 2,000 4,000 Feet

PROJECT LOCATION MAP
SHEET 5 OF 8

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

DRAWN BY: TAF DATE: 12/2/2021
CHECKED: MDO APPROVED: JJP

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: BIG RUN (1978), GLOVER GAP (1978), AND PINE GROVE (1979), WEST VIRGINIA, HOLBROOK (1973), HUNDRED (1978), NEW FREEPORT (1973), ROGERSVILLE (1973), WADESTOWN (1978), AND WAYNESBURG (1973), PENNSYLVANIA, CAMERON (1978), AND POWHATAN POINT (1978), OHIO. OBTAINED THROUGH ESRI USA TOPO MAPS, ACCESSED 12/2/2021.



LEGEND

Permanent Access	H-330 Spur Milepost	H330 Spur Pipeline
Temporary Access	Ancillary Aboveground Facilities	Limit of Disturbance
H-326 Milepost	H-326 Pipeline	Compressor Station
H-327 Milepost	H-327 Pipeline	Contractor Yard
H-328 Milepost	H-328 Pipeline	Logansport Spur Facility Area
H-329 Milepost	H-329 Pipeline	County Boundary
H-330 Milepost	H-330 Pipeline	

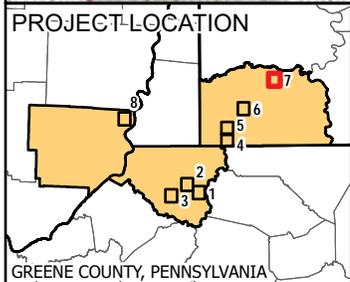
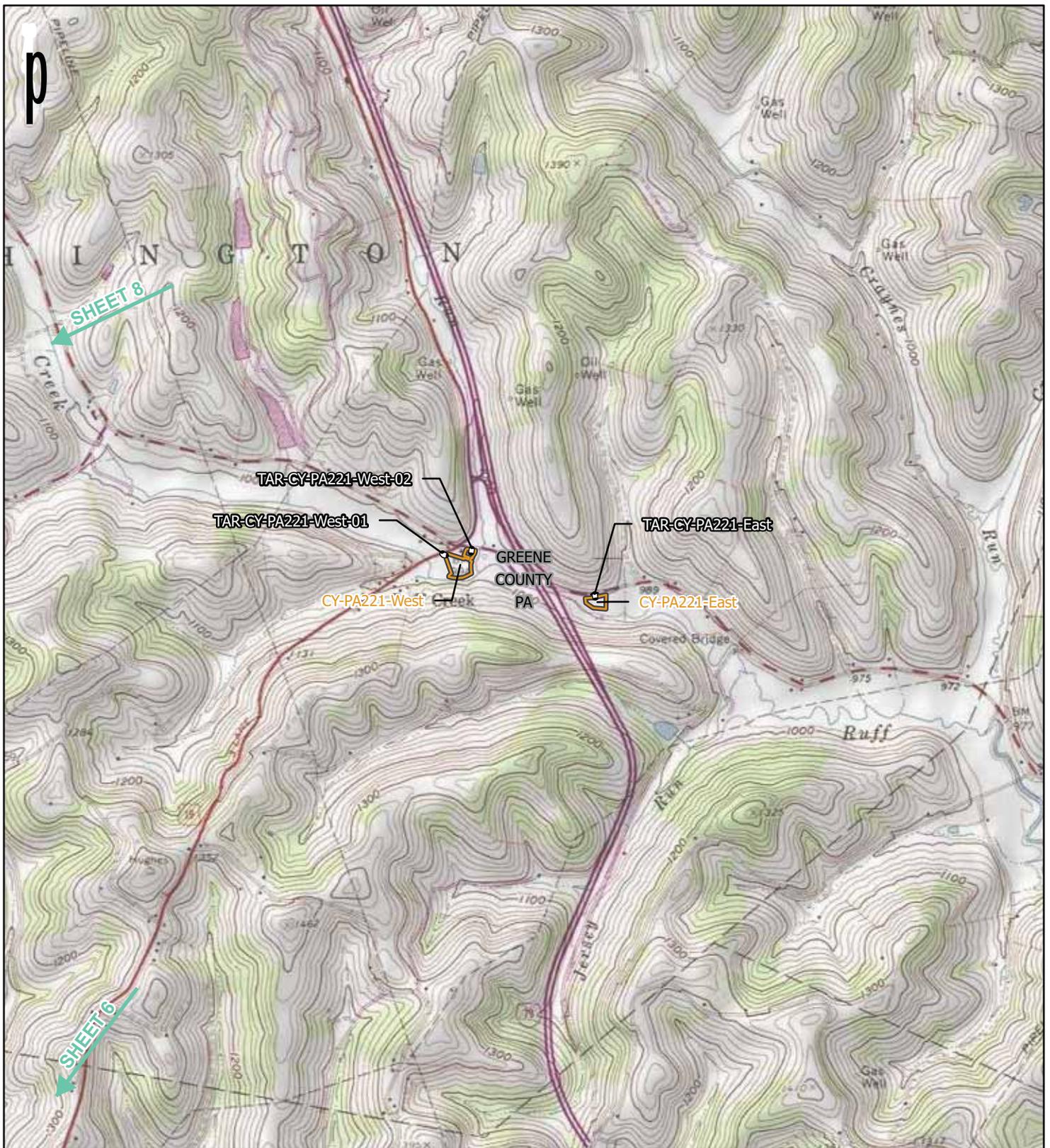
0 1,000 2,000 4,000 Feet

PROJECT LOCATION MAP
SHEET 6 OF 8

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

DRAWN BY: TAF DATE: 12/2/2021
CHECKED: MDO APPROVED: JJP

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: BIG RUN (1978), GLOVER GAP (1978), AND PINE GROVE (1979), WEST VIRGINIA, HOLBROOK (1973), HUNDRED (1978), NEW FREEPORT (1973), ROGERSVILLE (1973), WADESTOWN (1978), AND WAYNESBURG (1973), PENNSYLVANIA, CAMERON (1978), AND POWHATAN POINT (1978), OHIO. OBTAINED THROUGH ESRI USA TOPO MAPS, ACCESSED 12/2/2021.



LEGEND			
	Permanent Access		H-330 Spur Milepost
	Temporary Access		Ancillary Aboveground Facilities
	H-326 Milepost		H-326 Pipeline
	H-327 Milepost		H-327 Pipeline
	H-328 Milepost		H-328 Pipeline
	H-329 Milepost		H-329 Pipeline
	H-330 Milepost		H-330 Pipeline
	Limit of Disturbance		Compressor Station
	Contractor Yard		Logansport Spur Facility Area
	County Boundary		H330 Spur Pipeline

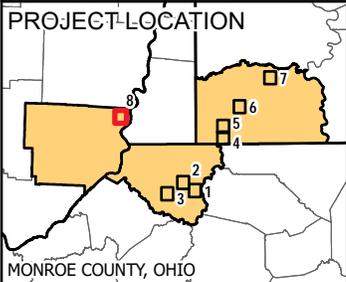
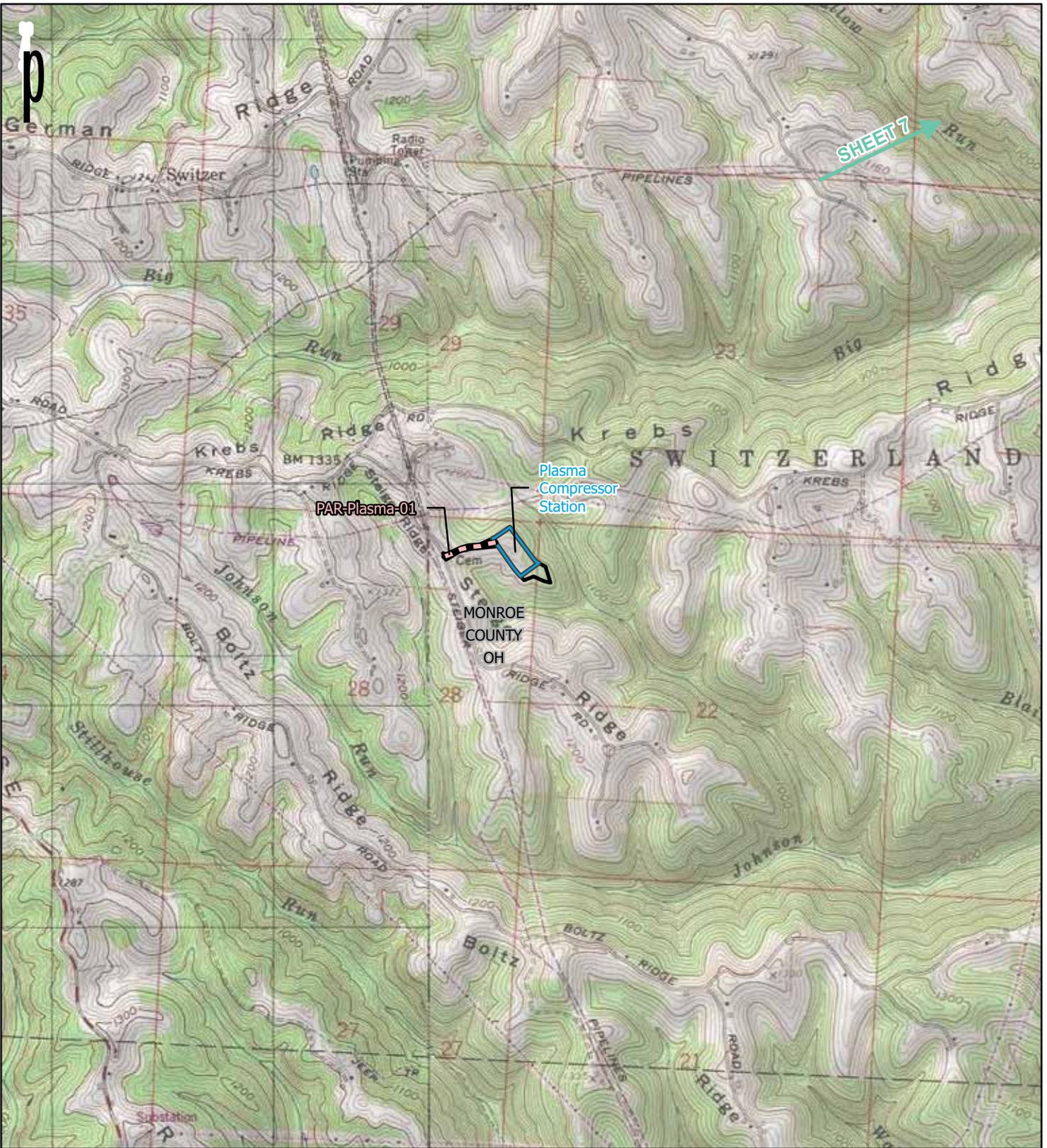


PROJECT LOCATION MAP
SHEET 7 OF 8

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.

DRAWN BY: TAF **DATE:** 12/2/2021
CHECKED: MDO **APPROVED:** JJP

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: BIG RUN (1978), GLOVER GAP (1978), AND PINE GROVE (1979), WEST VIRGINIA, HOLBROOK (1973), HUNDRED (1978), NEW FREEPORT (1973), ROGERSVILLE (1973), WADESTOWN (1978), AND WAYNESBURG (1973), PENNSYLVANIA. CAMERON (1978), AND POWHATAN POINT (1978), OHIO. OBTAINED THROUGH ESRI USA TOPO MAPS, ACCESSED 12/2/2021.



LEGEND		
Permanent Access	H-330 Spur Milepost	H330 Spur Pipeline
Temporary Access	Ancillary Aboveground Facilities	Limit of Disturbance
H-326 Milepost	H-326 Pipeline	Compressor Station
H-327 Milepost	H-327 Pipeline	Contractor Yard
H-328 Milepost	H-328 Pipeline	Logansport Spur Facility Area
H-329 Milepost	H-329 Pipeline	County Boundary
H-330 Milepost	H-330 Pipeline	

PROJECT LOCATION MAP
SHEET 8 OF 8

OHIO VALLEY CONNECTOR EXPANSION PROJECT
EQUITRANS, L.P.



DRAWN BY: TAF DATE: 12/2/2021
CHECKED: MDO APPROVED: JJP

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: BIG RUN (1978), GLOVER GAP (1978), AND PINE GROVE (1979), WEST VIRGINIA, HOLBROOK (1973), HUNDRED (1978), NEW FREEPORT (1973), ROGERSVILLE (1973), WADESTOWN (1978), AND WAYNESBURG (1973), PENNSYLVANIA, CAMERON (1978), AND POWHATAN POINT (1978), OHIO. OBTAINED THROUGH ESRI USA TOPO MAPS, ACCESSED 12/2/2021.

Jonathan Glenn

From: Jonathan Glenn
Sent: Monday, December 20, 2021 12:58 PM
To: wenonahh@ccppcrafts.com
Cc: Debias, Erin; Merks, Ashley; Jennifer Broush; Jason Palonis
Subject: Ohio Valley Connector Expansion Project (cultural resources)
Attachments: 2021_12_20 - OVCX letter - Tribal submit - Catawba (Haire, THPO).pdf

Ms. Haire,

Equitrans, L.P. (Equitrans) recently sent you a letter introducing a new proposed natural gas project, the Ohio Valley Connector Expansion Project (Project). Equitrans will be seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (FERC) pursuant to Section 7(c) of the Natural Gas Act (NGA) as amended, authorizing Equitrans to construct and operate the proposed Project.

Attached is a letter with a Project description and Project location maps. A hardcopy of the letter has also been mailed to your office. This informational letter is being provided as part of the initial consultation process in accordance with Section 106 of the National Historic Preservation Act (36 CFR 800.2). While these regulations allow companies or consultants to gather information, FERC ultimately will be responsible for determinations. Additionally, FERC ultimately will be responsible for establishing a government-to-government relationship.

On behalf of Equitrans, GAI Consultants, Inc. would like to take this opportunity to invite you to participate in the review of this Project during FERC's filing process. We look forward to your involvement and appreciate your cooperation.

Sincerely,

Thanks,
Jonathan

Jonathan Glenn, M.A., RPA
Cultural Resources Manager

Office 412.399.5191 Mobile 412.735.9970

GAI Consultants, Inc., 385 East Waterfront Drive, Homestead, PA 15120-5005

[Facebook](#) | [LinkedIn](#) | [Twitter](#) | [YouTube](#) | [News & Insights](#) | [gaiconsultants.com \(412-476-2000\)](http://gaiconsultants.com)



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December 20, 2021

Project R210388.00

Dr. Wenonah Haire, THPO
Catawba Indian Nation
1536 Tom Steven Road,
Rock Hill, SC 29730

Project Information

FERC Docket No. *Pending*

Ohio Valley Connector Expansion Project

Equitrans, L.P.

Greene County, Pennsylvania; Wetzel County, West Virginia; and Monroe County, Ohio

Dear Dr. Haire:

Equitrans, L.P. (Equitrans) recently sent you a letter introducing a new proposed natural gas project, the Ohio Valley Connector Expansion Project (Project). GAI Consultants, Inc. (GAI), on behalf of Equitrans, is contacting you with further information. A Project description is provided below, and a Project location map is attached. Equitrans has contracted GAI to provide environmental and cultural resources consulting services to support the federal, state, and local permitting for the Project.

Project Description

Equitrans is seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (FERC) pursuant to Section 7(c) of the Natural Gas Act (NGA) as amended, authorizing Equitrans to construct and operate the proposed Equitrans Ohio Valley Connector Expansion Project (Project) located in Greene County, Pennsylvania (PA); Wetzel County, West Virginia (WV); and, Monroe County, Ohio (OH).

The purpose of the Project is to increase the pipeline capacity of Equitrans' Mainline System, particularly for the transportation path from southwest PA to northern WV to eastern OH, to provide incremental gas supplies to connected third-party pipelines for subsequent delivery to expanding mid-continent and Gulf Coast markets. The scope of facilities currently includes the following proposed pipelines, associated aboveground facilities, access roads, cathodic protection, staging areas, and contractor/laydown yards:

- ▶ removal of the existing 3606 compressor and addition of two Taurus T-70 turbines at the existing Cygrymus Compressor Station with additional mechanical and electrical equipment to support the horsepower increase in Greene County, PA;
- ▶ addition of one Mars 100 compressor unit to support the sole existing Mars 100 compressor unit, at the extant Corona Compressor Station, with supplementary mechanical and electrical equipment to support the horsepower increase in Wetzel County, WV;
- ▶ addition of one Titan 130 to the two existing Taurus 70 compressor units at the existing Plasma Compressor Station with additional mechanical and electrical equipment to support the horsepower increase in Monroe County, OH;
- ▶ approximately 0.5 mile of 16-inch-diameter natural gas pipeline (H-327) in Greene County, PA;
- ▶ approximately 0.5 mile of 12-inch-diameter natural gas pipeline (H-328) in Greene County, PA;
- ▶ approximately 3.7 miles of 24-inch-diameter natural gas pipeline (H-326) in Wetzel County, WV;
- ▶ approximately 129 feet (0.02 mile) of eight-inch-diameter natural gas pipeline (H-329) in Wetzel County, WV;
- ▶ approximately 0.7 mile of 16-inch-diameter natural gas pipeline (H-330) in Wetzel County, WV;
- ▶ approximately 0.09 mile of 16-inch-diameter natural gas pipeline (H-330 Spur) in Wetzel County, WV;
- ▶ approximately 160 feet (0.03 mile) of 12-inch-diameter natural gas pipeline (Logansport Spur) in Wetzel County, WV;
- ▶ one deep anode groundbed and rectifier for cathodic protection in Greene County, PA;
- ▶ additional ancillary facilities, such as a valve yard, taps, and internal inspection device (e.g., pig) launchers and receivers in Greene County, PA;

- ▶ additional ancillary facilities, such as mainline valves (MLVs), valve yards, measuring equipment, and internal inspection device (e.g., pig) launchers and receivers in Wetzel County, WV;
- ▶ new and existing temporary and permanent access roads, staging/parking areas, and contractor yards in Greene County, PA and Wetzel County, WV; and
- ▶ existing permanent access road in Monroe County, OH.

Project Request

Equitrans and GAI are providing you this informational letter as part of the initial consultation process in accordance with Section 106 of the National Historic Preservation Act (36 CFR 800.2). While the regulations of the National Historic Preservation Act allow companies or consultants to gather information, FERC ultimately will be responsible for determinations. Additionally, FERC ultimately will be responsible for establishing a government-to-government relationship.

On behalf of Equitrans, GAI would like to take this opportunity to invite the Catawba Indian Nation to participate in the review of this Project during FERC's filing process. We look forward to your involvement in the review of this important Project and appreciate your cooperation. If you have questions regarding this submission, please contact me at 412-399-5191 or via email at j.glenn@gaiconsultants.com.

Sincerely,

GAI Consultants, Inc.

 Digitally signed by
Jonathan Glenn

Jonathan Glenn, M.A., RPA
Cultural Resources Manager

Attachments: Project Location Map

cc: Ms. Erin DeBias, Equitrans
Ms. Ashley Merks, Equitrans