



June 22, 2012

John Kessler  
Ohio Department of Natural Resources  
Office of Real Estate  
2045 Morse Rd, Bldg F-1  
Columbus, OH 43229

Reference: Sunoco Pipeline, LP  
Sunoco Mogadore-Vanport Line  
Brimfield, Suffield, Randolph, Atwater, Deerfield, Berlin, Ellsworth, Canfield,  
Boardman, Poland, Springfield, Townships; Portage and Mahoning Counties,  
OH  
Little Beaver, Darlington, South Beaver, Chippewa, Brighton Townships;  
Lawrence and Beaver Counties, PA;

Subject: Threatened/Endangered Species Project Review

STV Project No.: 38-15486

Dear Mr. Kessler:

STV Incorporated (STV) was retained by Sunoco Pipeline, LP (SPLP) to perform an environmental investigation associated with a proposed pipeline. SPLP proposes to install the Sunoco Mogadore-Vanport (size tbd) petroleum products line for approximately 74 miles from the existing facility in Mogadore, OH to the Vanport facility in Beaver, PA. A 9 mile section of existing 8-inch pipeline within the same ROW will also be replaced with 10-inch pipeline in conjunction with the installation of the new pipeline. This section is located in Mahoning County, OH. Land use within the project is a mix of agricultural land, forested land, herbaceous and scrub/shrub rangeland. Topographically the route is characterized by flat rolling fields and hills segueing to more pronounced slopes in Western PA.

The proposed alignment will be installed in existing Sunoco Pipeline, LP right-of-way (ROW). Temporary workspace for construction of the pipeline will be 75-100 feet with a final permanent ROW of 50 feet. Total impact acreage for construction is approximately 850 acres.

The purpose of this letter is to determine if there are any species of concern within the Sunoco Pipeline project area. The project location map is shown on the Akron East, Suffield, Atwater, Deerfield, Lake Milton, Canfield, Youngstown, Columbiana, New Middleton, East Palestine, New Galilee, Midland, and Beaver USGS topographical maps. Previous coordination was conducted with Greg Schneider at the Division of Wildlife. Copies of this coordination are enclosed.

Thank you for your attention to this request. If you have any questions, please contact me at 610-385-8359.

Sincerely,

A handwritten signature in black ink that reads "Wendy K. Schellhamer".

Wendy Schellhamer  
Environmental Scientist



## Wendy K. Schellhamer

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**From:** Kessler, John [John.Kessler@dnr.state.oh.us]  
**Sent:** Wednesday, July 25, 2012 10:24 AM  
**To:** Wendy K. Schellhamer  
**Subject:** FW: 12-419 comments

Hello Wendy. Here are the ODNR comments. Please let me know if you have any questions.

john



**ODNR COMMENTS TO: Wendy.K.Schellhamer, STV; [WENDY.SCHELLHAMER@stvinc.com]**

**Project: Sunoco Mogadore to Vanport Pipeline**

**Location: Portage and Mahoning Counties**

The Ohio Department of Natural Resources (ODNR) has completed a review of the above referenced project. These comments were generated by an inter-disciplinary review within the Department. These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the National Environmental Policy Act, the Coastal Zone Management Act, Ohio Revised Code and other applicable laws and regulations. These comments are also based on ODNR's experience as the state natural resource management agency and do not supersede or replace the regulatory authority of any local, state or federal agency nor relieve the applicant of the obligation to comply with any local, state or federal laws or regulations.

**Fish and Wildlife:** The Division of Wildlife (DOW) has the following comments.

The Division of Wildlife (DOW) recommends no in-water work from at least April 15 to June 30<sup>th</sup> to reduce impacts to native aquatic species and their habitat.

Portions of the proposed project cross Berlin Lake Wildlife Area. Please contact John Sambuco, Lands Coordinator for DOW, at (614) 265-6613 to coordinate options for access onto the Wildlife Area.

### Portage County

The project is within the range of the Indiana bat (*Myotis sodalis*), a state and federally endangered species. The following species of trees have relatively high value as potential Indiana bat roost trees: Shagbark hickory (*Carya ovata*), Shellbark hickory (*Carya laciniosa*), Bitternut hickory (*Carya cordiformis*), Black ash (*Fraxinus nigra*), Green ash (*Fraxinus pennsylvanica*), White ash (*Fraxinus americana*), Shingle oak (*Quercus imbricaria*), Northern red oak (*Quercus rubra*), Slippery elm (*Ulmus rubra*), American elm (*Ulmus americana*), Eastern cottonwood (*Populus deltoides*), Silver maple (*Acer saccharinum*), Sassafras (*Sassafras albidum*), Post oak (*Quercus stellata*), and White oak (*Quercus alba*). Indiana bat habitat consists of suitable trees that include dead and dying trees of the species listed above with exfoliating bark, crevices, or cavities in upland areas or riparian corridors and living trees of the species listed above with exfoliating bark, cavities, or hollow areas formed from broken branches or tops. If suitable trees occur within the project area, these trees must be conserved. If suitable habitat occurs on the project area and trees must be cut, cutting must occur between September 30 and April 1. If suitable trees must be cut during the summer months, a net survey must be conducted in May or June prior to cutting. Net surveys shall incorporate either two net sites per square kilometer of project area with each net site containing a minimum of two nets used for two consecutive nights, or one net site per kilometer of stream within the project limits with each net site containing a minimum of two nets used for two consecutive nights. If no tree removal is proposed, the project is not likely to impact this species.

The project is within the range of the pointed sallow (*Epiglaea apiata*), a state endangered moth, and the Mitchell's satyr (*Neonympha mitchellii*), a state and federally endangered butterfly. Due to the habitat used by these species and the type of work proposed, the project is not likely to impact these species.

The project is within the range of the Eastern massasauga (*Sistrurus catenatus*), a state endangered and a federal candidate snake species. Due to the location of the project the project is not likely to impact this species.

The project is within the range of the bald eagle (*Haliaeetus leucocephalus*), a state threatened species. However, the Ohio Biodiversity Database currently has no records of this species near the project area.

The project is within the range of the eastern pondmussel (*Ligumia nasuta*), a state endangered mussel.

If there is a history of mussels near the proposed project area, it may be necessary for a professional malacologist approved by the DOW to conduct a mussel survey in the project area. Surveys are to be done within six months before in-water work. If mussels that cannot be avoided are found in a project area, as a last resort, the DOW may recommend a professional malacologist collect and relocate the mussels to suitable and similar habitat upstream of the proposed project. The mussel survey must be conducted using standard mussel survey methodologies to include hand grabbing, snorkeling, and the use of SCUBA equipment if depths preclude efficient sampling by other methods. The survey should include excavation of two to three, one-quarter meter quadrants to a depth of at least 10 cm to search for juvenile mussels, and any located must be relocated along with the adult specimens. Individual adult mussel specimens must be marked when relocated. Juveniles are not to be marked and will not be part of future monitoring efforts. If mussels are relocated, it is recommended the recipient site be monitored in two years to determine survivorship. Monitoring must follow the same survey protocol used during the relocation effort, and all marked individuals must be tallied. If no in-water work is proposed in perennial streams, the project is not likely to impact this species.

The project is within the range of the American emerald (*Cordulia shurtleffi*), a state endangered dragonfly, the frosted whiteface (*Leucorrhinia frigida*), a state endangered dragonfly, the brush-tipped emerald (*Somatochlora walshii*), a state endangered dragonfly, and the chalk-fronted corporal (*Ladona julia*), a state endangered dragonfly. Wetland impacts must be avoided in order to avoid potential impacts to these species.

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The project is within the range of the Northern harrier (*Circus cyaneus*), a state endangered bird. This is a common migrant and winter species. Nesters are much rarer, although they occasionally breed in large marshes and grasslands. Harriers often nest in loose colonies. The female builds a nest out of sticks on the ground, often on top of a mound. Harriers hunt over grasslands. A statewide survey has not been completed for this species. A lack of records does not indicate the species is absent from the area. Therefore, if this type of habitat will be impacted, construction must not occur in this habitat during the species' nesting period of May 15 to August 1. If this habitat will not be impacted, the project is not likely to impact this species.

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Please note that wetlands known to contain an individual of or documented occurrences of federal or state-listed threatened or endangered plant or animal species are most likely considered high quality, Category 3 wetlands by the Ohio Environmental Protection Agency.

ODNR appreciates the opportunity to provide these comments. Please contact John Kessler at (614) 265-6621 if you have any other questions about these comments or need additional information.

John Kessler, P.E.  
Ohio Department of Natural Resources  
Office of Real Estate  
2045 Morse Rd., Columbus, OH 43229-6605  
phone: 614-265-6621  
email: [john.kessler@dnr.state.oh.us](mailto:john.kessler@dnr.state.oh.us)



## Wendy K. Schellhamer

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**From:** Mitch, Brian [Brian.Mitch@dnr.state.oh.us]  
**Sent:** Wednesday, January 23, 2013 8:29 AM  
**To:** Wendy K. Schellhamer  
**Cc:** Kessler, John  
**Subject:** RE: Sunoco Pipeline - Mogadore to Vanport Pipeline Project

Wendy,

Thanks for submitting the report. The DOW concurs that if impacts to the areas of suitable habitat (sites 4,7 and 8) are avoided via directional drilling, then impacts to the Eastern massasauga are not likely to occur and a presence/absence survey is not required.

For all projects that lie within the range of the eastern massasauga: this species could possibly be found traveling through or basking within the project areas. Due to the potential for the snakes to occur in these areas, all workers should be instructed not to harm or kill the snakes and to use caution, as the eastern massasauga is a venomous species. If Eastern massasaugas are encountered during project construction, please notify the Division of Wildlife.

Thanks,  
Brian Mitch, Compliance Coordinator  
Ohio Division of Wildlife  
2045 Morse Road, Building G-2  
Columbus, Ohio 43229-6693  
Office: (614) 265-6715  
[brian.mitch@dnr.state.oh.us](mailto:brian.mitch@dnr.state.oh.us)

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**From:** Wendy K. Schellhamer [mailto:WENDY.SCHELLHAMER@stvinc.com]  
**Sent:** Wednesday, January 16, 2013 3:24 PM  
**To:** Kessler, John; Mitch, Brian  
**Subject:** Sunoco Pipeline - Mogadore to Vanport Pipeline Project

John/Mitch –

As requested in the letter below, STV subcontracted the services of a certified Eastern massasauga surveyor (Doug Wynn) to conduct a habitat survey of the project area. Please find a copy of the report attached (please let me know if you would like a hard copy mailed to you). Mr. Wynn identified three areas of suitable habitat within the project area, and has recommended a presence/absence survey be conducted in these areas.

Permits for this project are scheduled to be submitted in February 2013, with construction starting in November 2013. Due to the permit submittal schedule, Sunoco has agreed to directionally drill the three areas with suitable Eastern massasauga habitat in lieu of a presence/absence survey in order to avoid any potential conflicts with this species. Please let me know if this approach is acceptable to your agency.

Thank you for your assistance, and please let me know if you need any additional information.

Wendy

Wendy K. Schellhamer, LEED AP  
Environmental Operations Manager  
STV Energy Services, Inc.  
205 West Welsh Drive  
Douglassville, PA 19518

Phone: 610-385-8359

Cell: 610-451-2098

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**From:** Kessler, John [<mailto:John.Kessler@dnr.state.oh.us>]

**Sent:** Wednesday, July 25, 2012 10:24 AM

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ODNR appreciates the opportunity to provide these comments. Please contact John Kessler at (614) 265-6621 if you have any other questions about these comments or need additional information.

John Kessler, P.E.  
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2045 Morse Rd., Columbus, OH 43229-6605  
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email: [john.kessler@dnr.state.oh.us](mailto:john.kessler@dnr.state.oh.us)

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**ATTACHMENT 8**  
**SHPO Coordination**



STV Energy Services, Inc. (STV) was retained by Sunoco Pipeline L.P. (SPLP) to perform environmental permitting associated with the proposed Mogadore to Vanport pipeline project. STV will be applying for a USACE Nationwide Permit #12 for wetland and waterway impacts associated with this project, and therefore STV requests your review of cultural resources within the project area. SPLP proposes to install a 12-inch petroleum products line from an existing facility in Mogadore, OH to the Vanport facility in Beaver, PA (see location map in Attachment 1). The approximate 74-mile pipeline (57 miles within Ohio) will be installed primarily within existing right-of-way (ROW) that currently contains an active 10-inch petroleum pipeline and an abandoned 8-inch pipeline. Land use surrounding the project area includes agricultural fields, wetlands, residential houses, and forested land. Additional project information can be found in the Section 106 Project Summary Form in Attachment 2.

Within the Ohio portion of the project, the proposed alignment will be installed in existing, actively maintained SPLP ROW, with the exception of a 4.3 mile reroute around the Mogadore Reservoir, and six minor reroute areas (see Attachment 1 for reroute locations). The reroute around the Mogadore Reservoir is on new alignment, but in previously disturbed areas, including an existing overhead utility corridor and farmland. There is one major waterway crossing associated with this reroute, the downstream finger of the Mogadore Reservoir. This crossing will be directionally drilled (HDD). Two of the minor reroutes involve stream and/or wetland crossings. One of minor reroute areas crosses a stream via a directional drill, and a second minor reroute area will trench through a wetland and stream. The second reroute area is immediately adjacent to a residential development. Attachment 3 illustrates land use surrounding this reroute.

Project impacts will occur within the existing 50-foot ROW, with an additional 25-foot temporary workspace (for a total disturbance of 75 feet). This temporary workspace will not involve soil disturbance, trees will not be grubbed and there will be no stump grinding. Total impact acreage for construction is approximately 850 acres.

The Area of Potential Effect (APE) for this project is a 74-mile long, 75-foot wide corridor. The corridor includes the 50-foot SPLP right-of-way (ROW) and an additional 25-foot wide temporary construction workspace. The final permanent project boundary is 50-foot wide. The enclosed photographs in Attachment 5 (Photo 1 to Photo 14) depict typical conditions encountered in the project corridor, including roadway crossings, agricultural land, forest fragments, and commercial/residential properties. Photo 15 illustrates equipment used to clear the ROW.

The APE for the 74-miles and the 4.5 mile reroute area has been previously disturbed; the APE is regularly maintained or actively farmed. There are 120 wetlands and 52 stream crossings located in the Ohio portion of the APE. The higher quality and largest streams and wetlands will be drilled (HDD) and the rest will be trenched. It can be stated that there has been ground disturbance through the 74-mile, 50-foot wide ROW corridor resulting from the installation of the original pipeline, farming and development. Disturbance within the 25-foot wide temporary construction area will be limited to clearing trees and brush; there will be no new ground disturbance (such as stump grubbing).

STV's cultural resource specialist, Joseph Schuchman, conducted an online mapping system review for both the Pennsylvania and Ohio portions of the project. The Online Mapping System that is maintained by the Ohio Historical Society showed that the proposed project does not appear to directly impact any previously identified historic or archaeological resources. There are two (2) historic properties that are located within the vicinity of the pipeline project area; the Chaszeyka Barn and the Janie S. Jenkins House/Southern Stables. The West Berlin Cemetery, an identified burial ground is also located within

the vicinity. These properties are shown on the photo pages in Attachment 6. See Table 1 below for a summary of resources previously identified within the proximity of the proposed project area. None of the resources identified appear to be located within the existing project ROW.

**Table 1. Cultural Resource Review Summary**

<i>Identified Resource</i>	<i>Historic Structures or Archaeological Resource</i>	<i>In Existing ROW Yes/No</i>	<i>Anticipated Impact Yes/No</i>
MH 0072 Prehistoric Archaeological Site NADB 13716).	Archaeology	No	No
NADB 14512 : Phase 1 Literature review and Reconnaissance Survey, Eastgate Toll plaza Improvement Project, Springfield Township, Mahoning County, 1997 (Jonathan Hudson, author)	Historic Structures	NO	NO
MAHO 172015 Chaszeyka Barn, 4989 Columbiana Rd, Springfield Township	Historic Structures	NO	NO
MAHO 027009 Janie S Jenkins House/Southern Stables, 126 Washington Ave, Boardman; also see Ref # 86001564 Southern Park Stable, same address, Mahoning County	Historic Structures	NO	NO
MAHO 012008 Tracer House/Manchester House US 62, Canfield Township	Historic Structures	NO	NO
West Berlin Cemetery, OGSID 7228	Historic Structures/Archaeology	NO	NO
POR0007013 (Dussel Farm/EG Moulton Farm)	Historic Structures	NO	NO
NABD 15032 Phase I Archaeological Survey for the Randolph Wastewater Treatment Plant Site, Randolph Township, Portage County (author, Jeffrey D Brown 2002)	Archaeology	NO	NO
PO0099	Prehistoric Archaeology	NO	NO
PO 0021(Hubert Smith Site), PO 0087, PO 0088, PO 0089 and PO 0022 (Arthur May Site). <b>PO 0088 may be impacted by reroute</b>	Prehistoric Archaeology	NO	NO
PO0161, PO0162 and PO0163	Prehistoric Archaeology	NO	NO
“Phase I and II Archaeological Investigations of the East Fairfield Coal Company Permit AreaD-0468 author, (John R. White, 1989)	Archaeology	No	No
Prehistoric Archaeological Site MH 0072(NADB 13716).	Prehistoric Archaeology	NO	NO

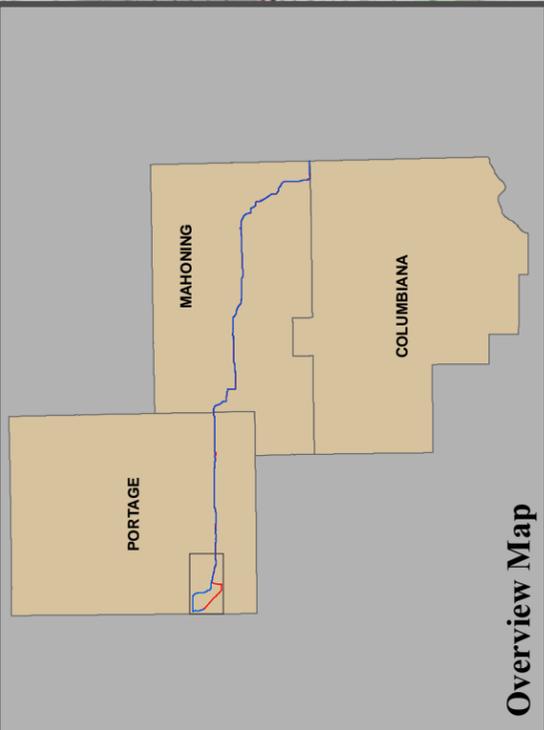
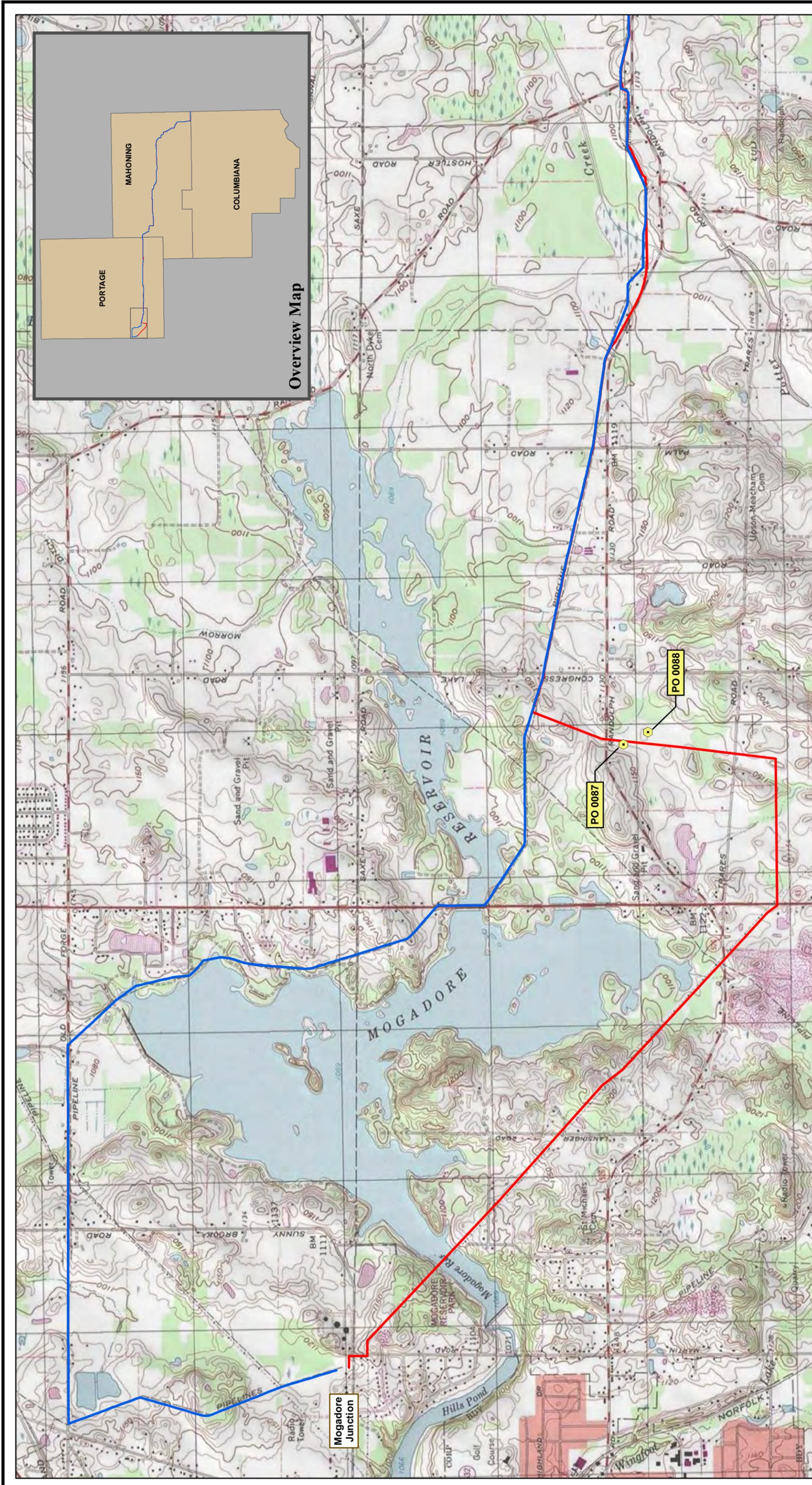
There are no historic properties located within the project APE and the pipeline will be underground, within an existing previously disturbed ROW, and it will not be visible to any structures after the construction in completed. Therefore, according to 36 CFR 800.4(d)(1), no historic properties will be affected by the proposed project.

A letter received from the Ohio Historical Society dated February 5, 2013 (see Attachment 7) stated that there are no known archaeological sites or historic properties along the project corridor, although sites may occur within a relatively short distance of the corridor. The Ohio Historical Society stated archaeological sites in this area are commonly found along drainages along the length of the corridor, and recommended a Phase I archaeological survey. However, the majority of the project is within existing ROW. Reroute areas avoid wetland and stream impacts with the exception of one reroute, which is on the edge of a residential development, and therefore has also been previously disturbed. Therefore, STV feels no archaeological resources will be impacted by this project.



**ATTACHMENT 1**  
**PROJECT LOCATION MAPS**





- Mogadore-Vanport (Existing Alignment)
- Mogadore-Vanport (Proposed Alignment)
- Cultural Resource

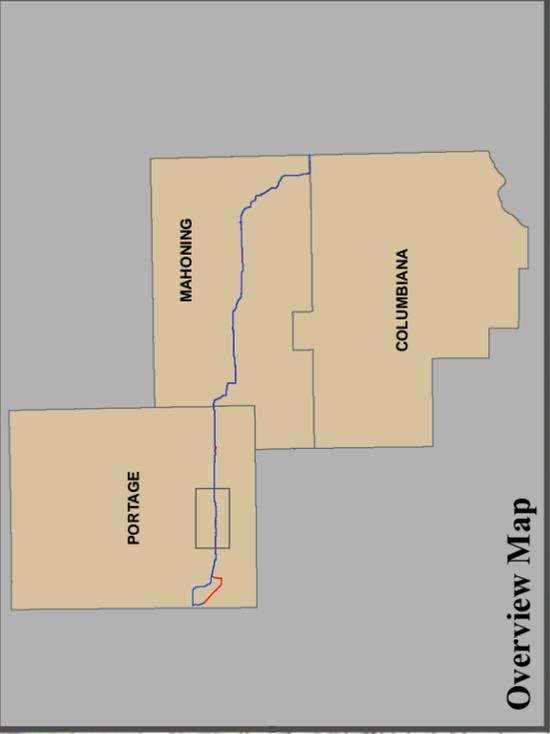
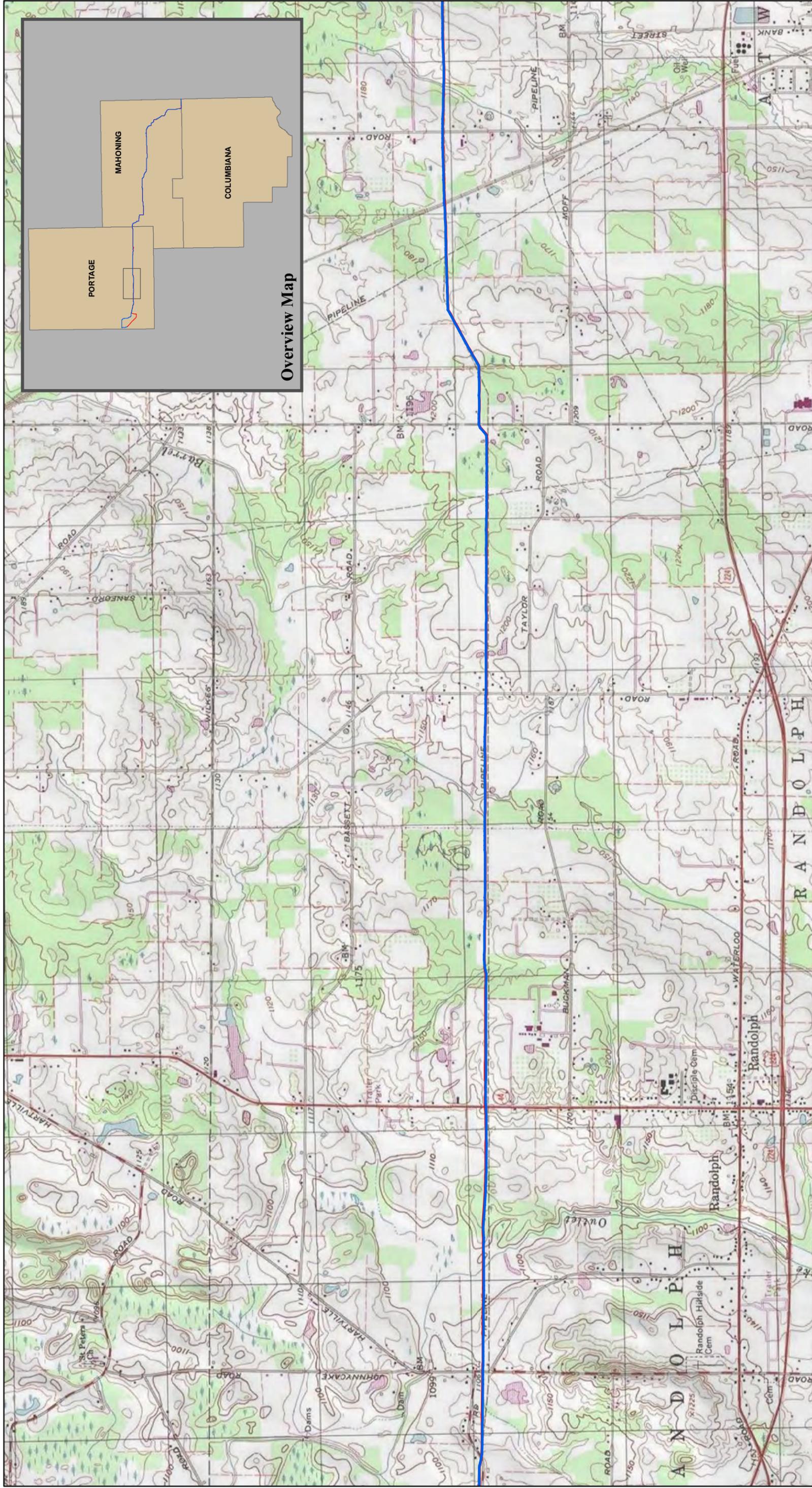


**SOURCE:** United States Census Bureau (TIGER/Line Data)  
Esri ArcGIS Online Map Service (USA Topo Maps)

**PROJECT LOCATION MAP (Ohio)**  
*(illustrating cultural resource sites)*  
**MOGADORE-to-VANPORT**  
**ALLEGHENY ACCESS**



**CREATED BY:** STV Energy Services, Inc.



**Overview Map**



SCALE: 1" = 2000'



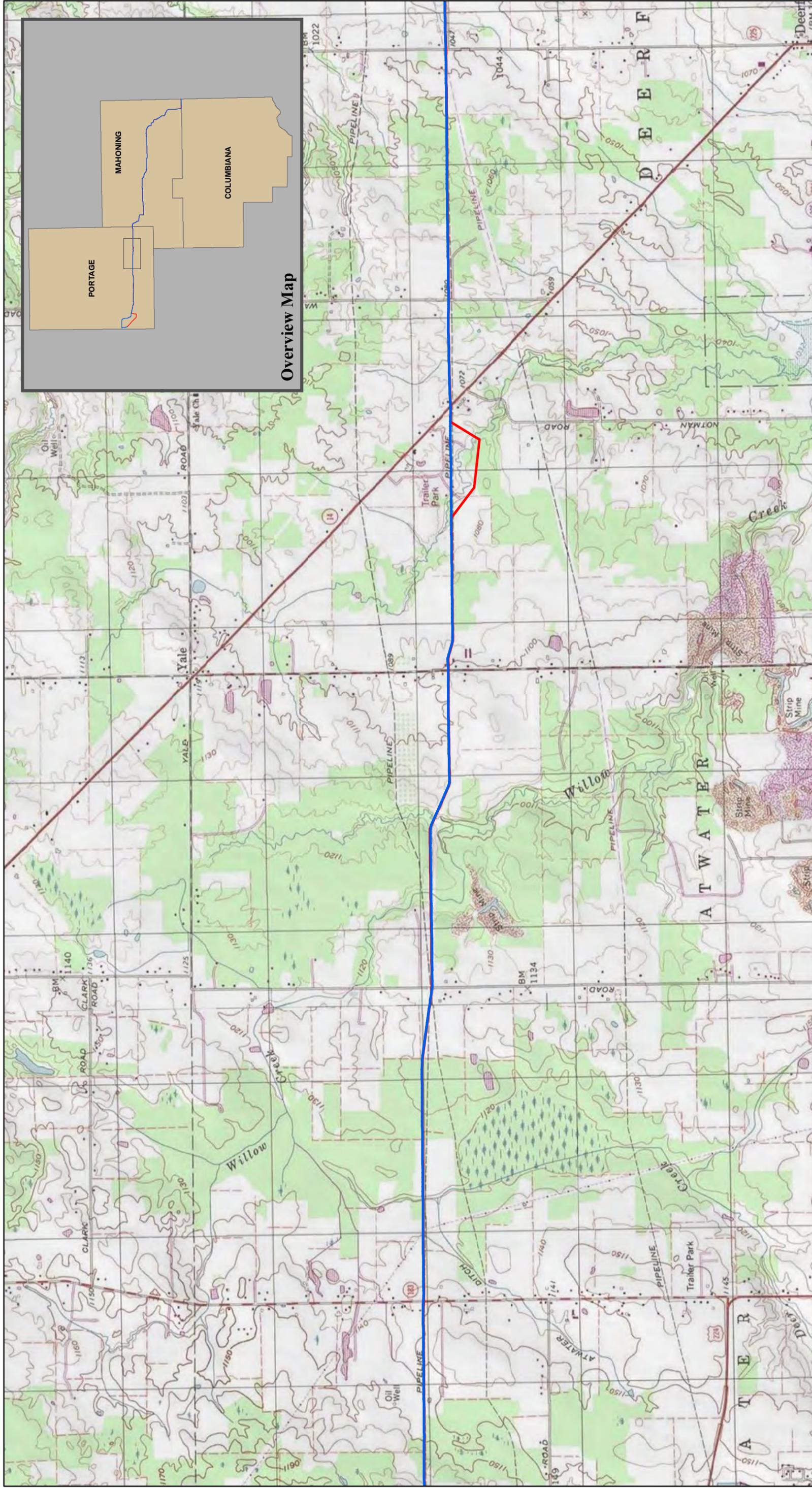
- Mogadore-Vanport (Existing Alignment)
- Mogadore-Vanport (Proposed Alignment)
- ◆ Cultural Resource

**SOURCE:** United States Census Bureau (TIGER/Line Data)  
Esri ArcGIS Online Map Service (USA Topo Maps)

**PROJECT LOCATION MAP (Ohio)**  
*(illustrating cultural resource sites)*  
**MOGADORE-to-VANPORT**  
**ALLEGHENY ACCESS**



**CREATED BY:** STV Energy Services, Inc.



- Mogadore-Vanport (Existing Alignment)
- Mogadore-Vanport (Proposed Alignment)
- Cultural Resource

SOURCE: United States Census Bureau (TIGER/Line Data)  
Esri ArcGIS Online Map Service (USA Topo Maps)

**PROJECT LOCATION MAP (Ohio)**  
*(illustrating cultural resource sites)*  
**MOGADORE-to-VANPORT**  
**ALLEGHENY ACCESS**



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