



# Cultural Resource Desktop Review

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## NiSource Intel Project

Colliers Engineering & Design Project Number: 22011510A

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## 1.0 PURPOSE OF DOCUMENT

Colliers Engineering & Design (CED) was contracted by NiSource Inc. (NiSource) to perform a cultural resource background review for the NiSource Intel Project (Project) north of Columbus, within Delaware, Licking, and Franklin Counties, Ohio. This background review and desktop assessment has been prepared in accordance with Section 106 of the National Historic Preservation Act (NHPA) of 1966. This regulation requires project proponents to consider a project's effects on historic properties depending on potential permitting requirements and/or funding sources. The purpose of the document is to outline any previously recorded cultural resources that may be impacted by the proposed Project in support of NiSource's compliance with Section 106 of the NHPA. The goal is also to provide information for project planning and development, as well as estimates on possible future work that may be required for regulatory compliance. A cultural resources survey was not conducted as an element of this research.

## 2.0 INTRODUCTION

### 2.1 PROJECT DESCRIPTION

The proposed Project will be approximately 4.15 miles (6.68 kilometers [km]) in length and will consist of the construction of a 12-inch diameter high pressure gas distribution pipeline, a district regulator station (DS), and one new customer regulator/meter station (GMB) at the Intel (customer) plant. The Project will allow Columbia to provide required natural gas for Intel's Dragonfly Project. The Project area is comprised of a 100-foot-wide survey corridor centered on the proposed pipeline alignment for 4.15 miles.

### 2.2 PROJECT LOCATION

The Project area begins at latitudinal coordinates 40.139550 N and longitudinal coordinates -82.760981 W and ends at coordinates 40.114770 N and longitudinal coordinates -82.722806 W. Access to the Project area can be achieved from Tippet Road, Johnstown Utica Road, Beech Road NW, and Miller Road NW. The Project is depicted on the *Jersey, New Albany, and Sunbury*, Ohio US Geological Survey (USGS) 7.5-minute topographic quadrangle maps.

### 2.3 EXISTING CONDITIONS AND VICINITY CHARACTERISTICS

The Project area consists mostly of residential/commercial properties and agricultural land. The Project area is bordered on all sides by further residential/commercial development and agricultural land and has been heavily disturbed by road construction throughout the years.

## 3.0 ENVIRONMENTAL BACKGROUND

### 3.1 PHYSIOGRAPHY AND GEOLOGY

The Project area is in the Loamy, High Lime Till Plains ecoregion of the Eastern Corn Belt Plains physiographic province of Ohio. The Loamy, High Lime Till Plains ecoregion covers most of southwestern Ohio all the way through central Indiana. This ecoregion is flat to rolling and has outwash plains and terminal moraines glacial features. Soils are loamy on lime-rich glacial till. The Project area is underlain by Wisconsinan glacial deposits consisting of mostly loam. Most of the forests have been cleared for agriculture and now the area is utilized mostly for soybean, corn, and livestock production (Woods, et al. 1998).

The Project is underlain by the Sunbury shale, Maxville limestone, Logan formation, and Cuyahoga formations Undivided geological formations. The Sunbury shale consists of carbonaceous shale of the Mississippian age. The Maxville limestone, Logan formation, and Cuyahoga formations consists of “limestone overlying interbedded shale and sandstone” of the Mississippian age (ONDR 2022).

### 3.2 TOPOGRAPHY AND SOILS

The Natural Resources Conservation Service (NRCS) Soil Survey for Delaware, Licking, and Franklin Counties, Ohio available on the Web Soil Survey, identifies three (3) soil types underlying the Project area (**Table 1**). Soils range from very poorly drained to somewhat poorly drained (NRCS 2022).

**Table 1. Soil Types in the Project area**

Soil Symbol	Soil Name	Slope %	Drainage	Landform
BeA	Bennington silt loam	0-2	Somewhat poorly drained	loamy till of medium lime content
BeB	Bennington silt loam	2-6	Somewhat poorly drained	loamy till of medium lime content
PE	Pewamo silty clay loam	0-2	Very poorly drained	Till on moraines

## 4.0 CULTURAL RESOURCE DESKTOP REVIEW

The following information was gathered as part of the desktop review to identify previously recorded cultural resources within a 1-mile (1.6-km) radius of the Project area. The background review consisted of a cultural resources and literature review of the Project area. A CED archaeologist reviewed the online database hosted by the Ohio History Connection (OHC), the State Historic Preservation Office (SHPO) of Ohio, for any previously recorded surveys, historic or prehistoric sites, and cemeteries located in or near the Project. Site files, relevant maps, and National Register of Historic Places (NRHP) locations were also examined. Aerial photographs, topographic maps, and the NRCS Web Soil Survey were also examined for historical and environmental information related to the Project area.

### 4.1 PREVIOUSLY CONDUCTED CULTURAL RESOURCE SURVEYS

The background review revealed that one (1) previous archaeological survey intersects the Project area at the end of the driveway at 13757 Miller Road in Johnstown. “Phase I Archaeological Investigations for the Approximately 86.7 km (53.9 mi) Conesville 345kV Transmission Line Widening Project in Franklin, Licking, Muskingum, and Coshocton Counties, Ohio” was conducted in 2020 by Weller & Associates, Inc. Phase I Cultural Resources Survey for the Approximately 926 ac. Project Cardinal in Jersey Township, Licking County, Ohio also intersects the project area, and four other surveys are adjacent to the Project area. Several other surveys have also been conducted within 1-mile (1.6-km) radius of the Project area. They are summarized below (**Table 2**).

**Table 2. Previously conducted cultural resource surveys within 1-mile (1.6-km) of the Project area.**

Report Name	Investigating Firm	Date of Survey	Distance to Project Area
Phase I Archaeological Investigations for the Approximately 86.7 km (53.9 mi) Conesville 345kV Transmission Line Widening Project in Franklin, Licking, Muskingum, and Coshocton Counties, Ohio	Weller & Associates, Inc.	2020	Intersects
Phase I Archaeological Investigations for the Approximately 9.7 km (6.0 mi) Jug Corridor 345 kV Line Rebuild Project in Plain Township, Franklin County and Jersey Township, Licking County, Ohio	Weller & Associates, Inc.	2017	0.51 mile (0.82 km)
Phase I Cultural Resources Management Investigations for the 484.5 ac. Project Jug Street in the City of New Albany, Licking County, Ohio	EMH&T, Inc.	2019	0.51 mile (0.82 km)
Phase I History/Architecture Survey for the S.R. 161/37 Improvement Project (FRA/LIC-161/37-23.15/0.00 [11.75]; PID 12139) Addendum Examining the Extension of the Project Area	ASC Group, Inc.	2002	0.65 mile (1.04 km)
Phase II Evaluative Testing for Archaeological Sites 33-LI-2466, 2475, 2491 and 2509 located in the 484.5 ac. Project Jug Street in the City of New Albany, Licking County, Ohio	EMH&T, Inc.	2020	0.65 mile (1.04 km)

Phase I History/Architecture Survey for the S.R. 161/37 Improvement Project (FRA/LIC-161/37-23.15/0.00 [11.75]; PID 12139)	ASC Group, Inc.	2001	0.64 mile (1.03 km)
Phase I Cultural Resource Management Survey of a Proposed 4.2 ha (10.3 a.) Wetland Restoration Project in Plain Township, Franklin County, Ohio	Professional Archaeological Services Team	2009	0.94 mile (1.51 km)
Phase I Cultural Resources Survey for the Approximately 926 ac. Project Cardinal in Jersey Township, Licking County, Ohio	EMH&T, Inc.	2022	Intersects
Phase I Cultural Resource Management Investigations for the Approximately 2.9 km (1.8 mi) Jug Street and Clover Valley 23.5kV Extension Project in Jersey Township, Licking County, Ohio	Weller & Associates, Inc	2022	Adjacent
Phase I Cultural Resource Management Investigations for the Approximately 2.9 km (1.8 mi) Harrison Road Extension Project in Jersey Township, Licking County, Ohio	Weller & Associates, Inc	2022	Adjacent
Phase I Cultural Resource Management Investigations for the Approximately .8 km (.5 mi) Jug Street Corridor 345kV Cut-In project to Badger Station in Jersey Township, Licking County, Ohio	Weller & Associates, Inc	2022	0.91 mile (1.46 km)
Addendum II: Archaeological Investigations for Access Road Revisions and Reroutes Associated with the Conesville 345kV Widening Project in Franklin, Licking, Muskingum, and Coshocton Counties, Ohio	Weller & Associates, Inc	2022	Adjacent
Phase I Cultural Resources Management Investigations for the Green Chapel Road Improvement Project located in the City of New Albany and Monroe Township, Licking County, Ohio	EMH&T, Inc.	2023	0.36 mile (0.58 km)
Phase I Cultural Resource Management Investigations for the 1.93 ha (4.76 ac) Horizon Station Project in Jersey Township, Licking County, Ohio	Weller & Associates, Inc	2022	0.88 mile (1.42 km)
Phase I Cultural Resource Management Investigations for the 3.4 km (2.1 mi) Innovation-Green Chapel 138kV Greenfield Transmission Line Project in Jersey Township, Licking County, Ohio	Weller & Associates, Inc	2022	Adjacent
Phase I Cultural Resources Management Investigations for the Clover Valley Road Improvement Project Located in Jersey Township, Licking County, Ohio	EMH&T, Inc.	2022	0.92 mile (1.48 km)
Phase I Cultural Resource Management Investigations for the 12.1 ha (30 ac) Green Chapel Station Greenfield Project in Jersey Township, Licking County, Ohio	Weller & Associates, Inc	2022	0.20 mile (0.32 km)
Phase I Archaeological Investigations for the Approximately 9.7 km (6.0 mi) Jug Corridor 345 kV Line	Weller & Associates, Inc	2022	0.46 mile (0.74 km)

Rebuild Project in Plain Township, Franklin County and Jersey Township, Licking County, Ohio			
Phase I Cultural Resource Management Investigations for the Approximately .8 km (.5 mi) Jug Street Corridor 345kV Cut-In project to Horizon Station in Jersey Township, Licking County, Ohio	Weller & Associates, Inc	2022	0.73 mile (1.17 km)

#### 4.2 PREVIOUSLY RECORDED CULTURAL RESOURCES

Based on the review, there are no archaeological sites documented within the Project area. However, there are seventy-six other cultural resources documented within a 1-mile (1.6-km) radius of Project area. These resources are summarized below (**Table 3**).

**Table 3. Previously recorded cultural resources within 1-mile (1.6 km) of the Project area.**

OHI/OAI Number	Name of Resource	Date of Significance / Temporal	Address	Distance to Project Area
2916	Hanover-Snipetown Cemetery	Historic	0.2 mile east of TR 29 (Green-Cooke Road). 40 feet south of CR 20 (Fancher Road)	0.81-Mile (1.3 km)
FRA0232705	Tippet House	1860	11681 Johnstown Rd	0.30-Mile (0.48 km)
FR3075	Archaeological Site	Unknown Prehistoric	N/A	0.48-Mile (0.77 km)
FR3074	Archaeological Site	Unknown Prehistoric	N/A	0.95-Mile (1.53 km)
LI2243	Archaeological Site	Unknown Prehistoric	N/A	0.49-Mile (0.79 km)
LI2512	Archaeological Site	Unknown Prehistoric	N/A	0.55-Mile (0.89 km)
LI2513	Archaeological Site	Unknown Prehistoric	N/A	0.56-Mile (0.9 km)
LI2514	Archaeological Site	Unknown Prehistoric	N/A	0.54-Mile (0.87 km)
LI2515	Archaeological Site	Unknown Prehistoric	N/A	0.55-Mile (0.89 km)
LI2516	Archaeological Site	Unknown Prehistoric	N/A	0.57-Mile (0.92 km)
LI2517	Archaeological Site	Unknown Prehistoric	N/A	0.56-Mile (0.9 km)
LI2518	Archaeological Site	Unknown Prehistoric	N/A	0.62-Mile (1 km)
LI2519	Archaeological Site	Unknown Prehistoric	N/A	0.61-Mile (0.98 km)



OHI/OAI Number	Name of Resource	Date of Significance / Temporal	Address	Distance to Project Area
LI2499	Archaeological Site	Unknown Prehistoric	N/A	0.66-Mile (1.06 km)
LI2511	Archaeological Site	Unknown Prehistoric	N/A	0.90-Mile (1.44 km)
LI2457	Archaeological Site	Unknown Prehistoric	N/A	0.88-Mile (1.42 km)
LI2456	Archaeological Site	Unknown Prehistoric	N/A	0.88-Mile (1.42 km)
LI2455	Archaeological Site	Unknown Prehistoric	N/A	0.88-Mile (1.42 km)
LI2453	Archaeological Site	Unknown Prehistoric	N/A	0.88-Mile (1.42 km)
LI2452	Archaeological Site	Unknown Prehistoric	N/A	0.88-Mile (1.42 km)
LI2458	Archaeological Site	Unknown Prehistoric	N/A	0.95-Mile (1.53 km)
LI2459	Archaeological Site	Unknown Prehistoric	N/A	0.95-Mile (1.53 km)
LI2481	Archaeological Site	Unknown Prehistoric	N/A	0.93-Mile (1.5 km)
LI2482	Archaeological Site	Unknown Prehistoric	N/A	0.82-Mile (1.32 km)
LI2504	Archaeological Site	Unknown Prehistoric	N/A	0.96-Mile (1.54 km)
LI2473	Archaeological Site	Unknown Prehistoric	N/A	0.96-Mile (1.54 km)
LI2486	Archaeological Site	Unknown Prehistoric	N/A	1 Mile (1.6 km)
LI2483	Archaeological Site	Unknown Prehistoric	N/A	0.99-Mile (1.6 km)
LI2469	Archaeological Site	Early Archaic	N/A	0.98-Mile (1.58 km)
LI2473	Archaeological Site	Unknown Prehistoric	N/A	0.96-Mile (1.54 km)
LI2464	Archaeological Site	Early Archaic	N/A	0.96-Mile (1.54 km)
LI2474	Archaeological Site	Unknown Prehistoric	N/A	0.96-Mile (1.54 km)
LI2478	Archaeological Site	Unknown Prehistoric	N/A	0.95-Mile (1.53 km)
LI2485	Archaeological Site	Unknown Prehistoric	N/A	0.95-Mile (1.53 km)

OHI/OAI Number	Name of Resource	Date of Significance / Temporal	Address	Distance to Project Area
LI2504	Archaeological Site	Unknown Prehistoric	N/A	0.96-Mile (1.54 km)
LI2498	Archaeological Site	Unknown Prehistoric	N/A	0.96-Mile (1.54 km)
LI2465	Archaeological Site	Unknown Prehistoric	N/A	0.88-Mile (1.42 km)
LI2477	Archaeological Site	Unknown Prehistoric	N/A	0.84-Mile (1.35 km)
LI2475	Archaeological Site	Late Archaic	N/A	0.81-Mile (1.3 km)
LI2468	Archaeological Site	Unknown Prehistoric	N/A	0.79-Mile (1.27 km)
LI2502	Archaeological Site	Unknown Prehistoric	N/A	0.78-Mile (1.26 km)
LI2476	Archaeological Site	Unknown Prehistoric	N/A	0.76-Mile (1.22 km)
LI2466	Archaeological Site	Unknown Prehistoric	N/A	0.76-Mile (1.22 km)
LI2467	Archaeological Site	Unknown Prehistoric	N/A	0.76-Mile (1.22 km)
LI2484	Archaeological Site	Unknown Prehistoric	N/A	0.71-Mile (1.14 km)
LI2500	Archaeological Site	Early Archaic	N/A	0.73-Mile (1.17 km)
LI2505	Archaeological Site	Late Archaic	N/A	0.73-Mile (1.17 km)
LI2499	Archaeological Site	Unknown Prehistoric	N/A	0.66-Mile (1.06 km)
LI2454	Archaeological Site	Unknown Prehistoric	N/A	0.88-Mile (1.42 km)
LIC0160813	Foster Farmstead	c. 1880	3356 Clover Valley Road	0.74-Mile (1.19 km)
LIC0160913	MBJ Holdings House	1930	3445 Clover Valley Road	0.65-Mile (1.05 km)
LIC0160713	MCVGC Holdings Farmstead	c. 1870	3704 Clover Valley Road	0.41-Mile (0.66 km)
LIC0160613	Klamfoth Farmstead	1870	4170 Clover Valley Road	34.67 meters ( )
LIC0160513	Juliana Charles House	c. 1900	4255 Clover Valley Road	0.18-Mile (0.29 km)
LIC0020713	Bevelhymer Russell Farm	1853	SWC Miller Rd & Mink St	0.99-Mile (1.6 km)

OHI/OAI Number	Name of Resource	Date of Significance / Temporal	Address	Distance to Project Area
LI0621	Archaeological Site	Paleolithic	-	1 mile (1.6 km)
LI2453	Archaeological Site	Unknown Prehistoric	-	0.86 mile (1.38 km)
LI2516	Archaeological Site	Unknown Prehistoric	-	0.53 mile (0.85 km)
Multiple	Miller Road Houses (10)	1800s	Miller Road	0.17 mile (0.27 km)
Multiple	Green Chapel Road Houses (3)	1900s	Green Chapel Road	0.42 mile (0.68 km)

### 4.3 HISTORIC TOPOGRAPHIC MAPS AND AERIAL IMAGERY

Historical topographic maps and aerial photography revealed that the southern portion of the Project area has consistently been utilized for agriculture since the early twentieth century to present day (USGS 1902; USGS 1908; USGS 1955a; USGS 1955b; Nationwide Environmental title research [NETR] 2022a-d). In 1908, there are at least three residential compounds and the Meyers School located on either side of Miller Road NW (USGS 1908). Aerial photograph from the 1950's revealed a large farmstead consisting of one residence and at least five ancillary structures likely used for agricultural activities surrounded by farmland located south of Miller Road NW adjacent to the southernmost portion of the Project area (NETR 2022a). Another farmstead is located approximately 0.87-mile (1.39 km) east of the intersection of Beech Road NW and Miller Road NW. In the 1950's, this parcel of land was utilized for agricultural purposes with one rectangular residence and at least three rectangular storage facilities (NETR 2022a). A final farmstead consisting of at least three rectangular structures were located on the northeast corner of Miller Road NW and Beech Road NW (NETR 2022a). This facility was decommissioned by the 1995 (NETR 2022d). Presently, the southern portion of the Project area is a mixture of agricultural fields and residential complexes.

The central portion of the Project area encompasses all structures adjacent to Beech Road NW and Johnstown Utica Road NW. The 1902 topographic maps revealed there were at least three structures located adjacent to Beach Road NW and four structures located Johnstown Utica Road (USGS 1902). By 1958, there was one farmstead consisting of two rectangular structures located west of the intersection of Beech Road NW and Miller Road NW, another farmstead consisting of at least three rectangular structures located approximately 494 feet (150.5 meters) north of the first farmstead, and at least seven residential facilities located adjacent to Johnstown Utica Road NW (NETR 2022b). Presently, the central portion of the Project area remains mostly agricultural fields with some residential development that has continued to the present day.

The northern portion of the Project area has remained mostly agricultural fields with some farmsteads and residences located throughout the area. In 1902, there were 2 structures and a church located adjacent to South County Line Road (USGS 1902). Topographic maps also revealed that there was a structure located in the northern most laydown yard. By 1955, the number of structures was reduced to two and the structure located in the laydown yard was dismantled (USGS 1995b). By 1965, at least 6 residential structures were erected on the northern portion of the line, east of South County Road. Presently, there are numerous farmsteads and residential complexes located on either side of Tippet Road and South County Road.

## 5.0 SUMMARY AND RECOMMENDATIONS

The proposed Project is located just north of Columbus, within Delaware, Licking, and Franklin Counties, Ohio and will be approximately 4.15 miles (6.68 km) in length and will consist of the construction of a 12-inch diameter high pressure gas distribution pipeline, a district regulator station (DS), and one new customer regulator/meter station (GMB) at the Intel (customer) plant. The Project will allow Columbia to provide required natural gas for Intel's Dragonfly Project. The Project area is comprised of a 100-foot-wide survey corridor centered on the proposed pipeline alignment for 4.15 miles. The Project Study Area is comprised of a 100-foot-wide survey corridor centered on the proposed pipeline alignment for 4.15 miles. The Project is depicted on the *Jersey, New Albany, and Sunbury*, Ohio US Geological Survey (USGS) 7.5-minute topographic quadrangle maps.

A Cultural Resource Review was conducted for the referenced project. A desktop review, consisting of a compilation of known above-ground historic resources, archaeological sites, and previously conducted cultural resources surveys, was conducted. There is one (1) above-ground historic structure and no archaeological sites within the Project area; however, there are sixty-one (61) additional previously recorded cultural resources within a 1-mile (1.6-km) radius. These results are depicted in **Appendix B**.

Based on the information provided and the results of this desktop assessment, it is CED's opinion that, due to ongoing road activities since at least the early 1990s, finding intact cultural deposits is at low probability within the majority of the Project area. However, due to a previously recorded historic structure within the Project area, there is a high probability for intact cultural features within the eastern workspace. CED respectfully submits these findings to NiSource for their information. This background review and assessment was conducted in support of NiSource's compliance with Section 106 of the NHPA.

## 6.0 REFERENCES

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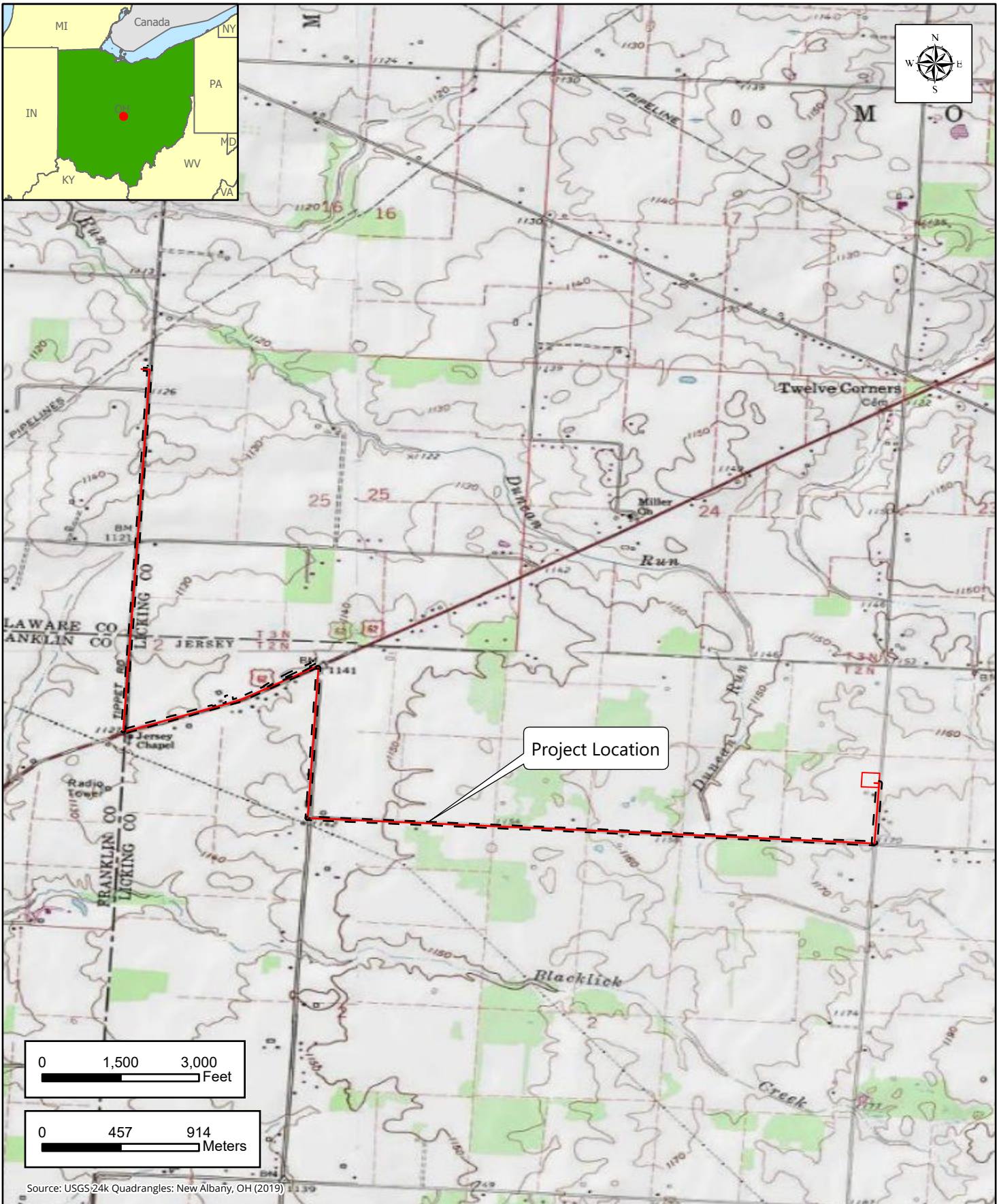
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# Appendix

## Appendix A | Project Location Map



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Engineering & Design

## Project Location Map

*NiSource Intel Project*

Franklin, Delaware & Licking County, Ohio

Date:

7/7/2023

Project #:

22011510A

Drawn By:

AW

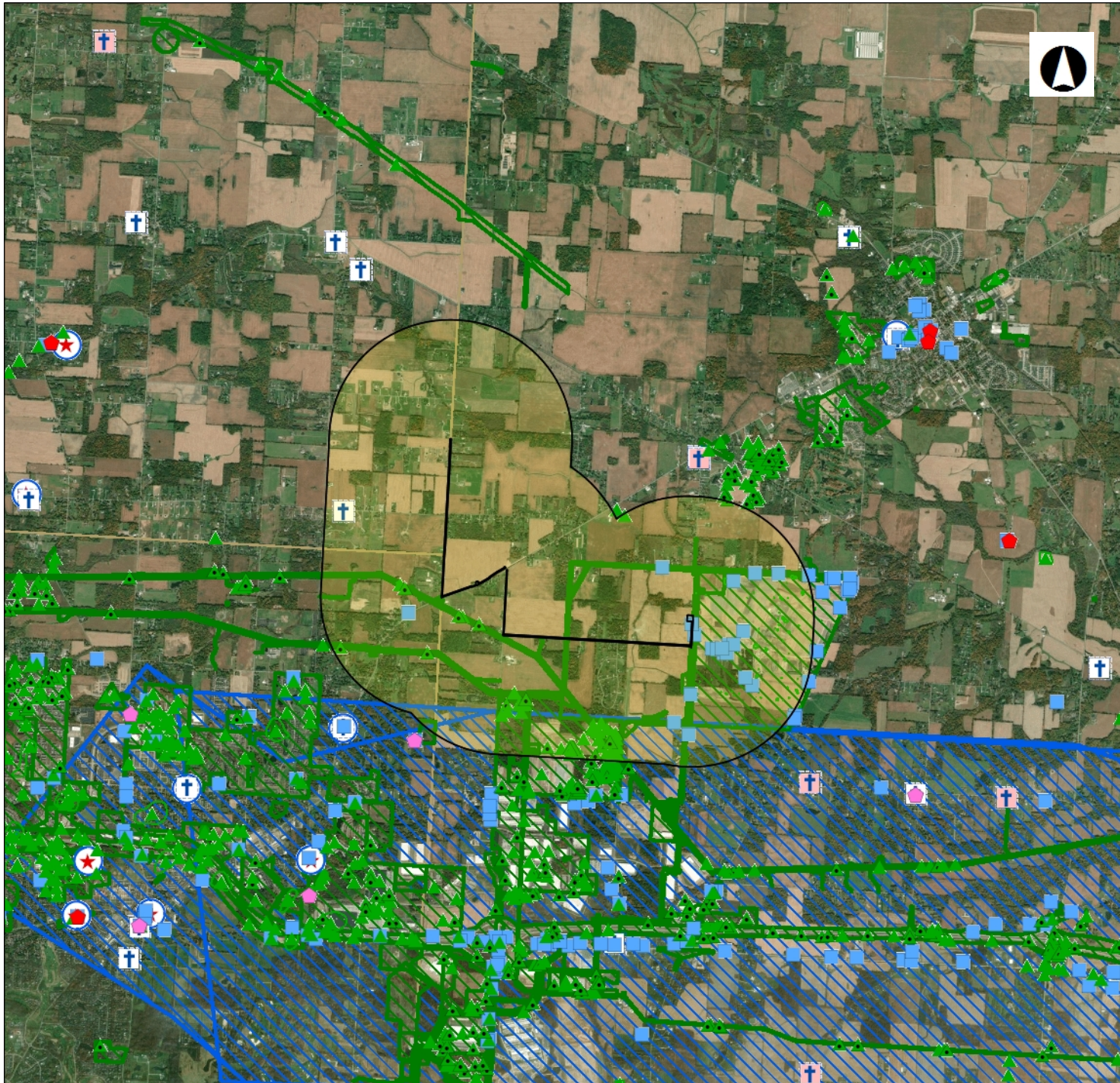
Figure 1

Project Area

Project Location

# Appendix B | Cultural Resources Background Map





State Historic  
Preservation Office

### Legend

#### NR Listings

- Listed
- National Historic Landmark
- ✕ Delisted

#### Determinations of Eligibility

- ◆ DOE
- ✕ Demolished

#### Archaeological Sites

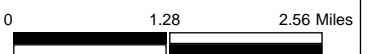
- ▲ Site
- ▲ Isolated Find

- Historic Structures
- Historic Bridges
- Historic Tax Credit Projects
- ◆ Local Designations

#### OGS Cemeteries

- + Confident
- + Not Confident

#### Historic Markers



1: 101,310

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Datum: [Datum]  
Projection: WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere





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