



Engineering
& Design

Cultural Resource Desktop Review

East Columbus Project

Colliers Engineering & Design Project Number: 21004202A

May 30, 2023

Prepared for:

NiSource Inc.
801 E. 86th Avenue
Merrillville, IN 46410

Prepared by:

Colliers Engineering & Design, Inc. (DBA Maser Consulting)
1501 Reedsdale St Suite 302, Pittsburgh, PA 15233
Main: (412) 618-5390
Colliersengineering.com



Table of contents

1.0 PURPOSE OF DOCUMENT 1

2.0 INTRODUCTION 2

2.1 Project Description..... 2

2.2 Project Location 2

2.3 Existing Conditions and Vicinity Characteristics 2

3.0 Environmental Background..... 3

3.1 Physiography and Geology 3

3.2 Topography and Soils 3

4.0 CULTURAL RESOURCE DESKTOP REVIEW 5

4.1 Previously Conducted Cultural Resource Surveys 5

4.2 Previously Recorded Cultural Resources 6

4.3 Historic Topographic Maps and Aerial Imagery 13

5.0 Summary and Recommendations 14

6.0 REFERENCES 15

APPENDICES

- APPENDIX A – PROJECT LOCATION MAP
- APPENDIX B – CULTURAL RESOURCE DESKTOP REVIEW RESULTS

List of Tables

Table 1. Soil Types in the Project Area 3

Table 2. Previously Conducted Cultural Resource Surveys within 0.5 mile (0.8 km) of the Project Area..... 5

Table 3. Previously Recorded Cultural Resources within 0.5 mile (0.80 km) of the Project Area..... 6



1.0 PURPOSE OF DOCUMENT

Colliers Engineering & Design (CED) was contracted by NiSource Inc. (NiSource) to perform a cultural resource background review for the East Columbus Project (Project) in Columbus, Franklin County, 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 Project proposes to install about 8.1 miles (13.04 kilometers [km]) of 24-inch-high pressure steel main line pipeline.

2.2 PROJECT LOCATION

The Project area originates 31 meters (101.76 feet) southwest of the intersection of Windbrook Drive and Taylor Station Road and terminates at the intersection of Woodland Ave and Denune Ave in Columbus, Franklin County, Ohio. The Project is depicted on the *Northeast Columbus*, Ohio US Geological Survey (USGS) 7.5-minute topographic map quadrangle.

2.3 EXISTING CONDITIONS AND VICINITY CHARACTERISTICS

The Project area consists mostly of suburban neighborhoods with a few commercial buildings and a very small, wooded area on the easternmost side. The Project area has been subject to heavy disturbance from residential and commercial construction activities for many years. The Project area is bordered on all sides by further residential and commercial development.

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 Wisconsin 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 Ohio Shale geological formation. The Ohio Shale geological formation consists of mudstone, siltstone and very fine-grained sandstone that ranges from reddish-brown to purple. There are also sand filled burrows two to five meters thick bordering the formation. Shale and sandstone also make up a majority of the valley's lowlands and ridges. Diabase layers underline the main formation of the region (Slucher et. al 2006).

3.2 TOPOGRAPHY AND SOILS

The Natural Resources Conservation Service (NRCS) Soil Survey for Franklin County, Ohio available on the Web Soil Survey, identifies twenty (20) soil types underlying the Project area (**Table 1**). Soils range from poorly drained to well drained (NRCS 2022).

Table 1. Soil Types in the Project Area

Soil Symbol	Soil Name	Slope %	Drainage	Landform
AdC2	Alexandria silt loam	6-12	Well Drained	Moraines, till plains
AdD2	Alexandria silt loam	12-18	Well Drained	Moraines, till plains
AdE2	Alexandria silt loam	18-25	Well Drained	Moraines, till plains
BeA	Bennington silt loam	0-2	Somewhat Poorly Drained	End moraines, ground moraines
BeB	Bennington silt loam	2-6	Somewhat Poorly Drained	End moraines, ground moraines
BfA	Bennington-Urban land complex	0-2	Somewhat poorly drained	Ground moraines, end moraines
BfB	Bennington-Urban land complex	0-6	Somewhat poorly drained	Ground moraines, end moraines
CbB	Cardington-Urban land complex	2-6	Moderately well drained	Ground moraines, end moraines
Cn	Condit silt loam	-	Poorly Drained	Ground moraines
Crd1B1	Cardington silt loam	0-2	Moderately Well Drained	End moraines, ground moraines
Crd1C2	Cardington silt loam	6-12	Moderately Well Drained	End moraines, ground moraines
Ee	Eel silt loam	0-2	Moderately Well Drained	Flood-plain steps
ElB	Eldean silt loam	2-6	Well Drained	Outwash terraces

Soil Symbol	Soil Name	Slope %	Drainage	Landform
EIC2	Eldean silt loam	6-12	Well Drained	Outwash terraces
EID2	Eldean silt loam	12-18	Well Drained	End moraines, kames, outwash terraces
EmA	Eldean-Urban land complex	0-2	Well Drained	Terraces, moraines, eskers, kames
KeB	Kendallville silt loam	2-6	Well Drained	Terraces, moraines
Mh	Medway silt loam	-	Moderately Well Drained	Flood plains
Pm	Pewamo silty clay loam	0-2	Very Poorly Drained	Flood plains
Pn	Pewamo low carbonate till- Urban land complex	0-2	Very Poorly Drained	Flood plains
Sh	Shoals silt loam	-	Somewhat Poorly Drained	Flood plains
So	Sloan silt loam, Columbus Lowland	0-2	Very Poorly Drained	Flood plains
Ut	Udorthents-Urban land complex	2-12	--	--
WdA	Warsaw silt loam	0-2	--	--

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 0.5-mile (0.8-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 two (2) previous archaeological surveys have been conducted in portions of the Project area. The first was a "Phase I Cultural Resource Management Investigation of the 2.725 Ha (6.734 A.) Proposed Construction Site for the Providence Glen Apartments and the Corban Commons Apartments in Mifflin Township, Franklin County, Ohio" conducted in 1998, and the second one was "Phase I Cultural Resources Management Investigation for the 25.6 Ha (63.3 A.) Proposed Construction of the United States Postal Service Facility in Mifflin Township, Franklin County, Ohio" conducted in 1999. Both surveys intersect the Project Area at Agler Rd and Gatewood Rd. Several additional surveys have also been conducted within a 0.5-mile (0.80 km) radius of the Project area (OHC 2023) (**Table 2**).

Table 2. Previously Conducted Cultural Resource Surveys within 0.5 mile (0.8 km) of the Project Area.

Project Name	Investigating Firm	Date of Survey	Distance to Project Area
Archaeological Survey of Proposed Interstate 315 - (Columbus & Worthington) Franklin County, Ohio	Ohio Department of Transportation	1976	48.2 meters N (58.4 feet)
An Archaeological Literature Review and Survey: Proposed Olentangy River Bicycle Path in the City of Columbus, Clinton Township, Franklin County, Ohio	ASC Group, Inc.	1990	16.1 meters S (52.8 feet)
Phase I Cultural Resources Survey of NiSource's Proposed Ackerman Road 20-inch Natural Gas Pipeline Project in the City of Columbus, Franklin County, Ohio	URS Corp., Cincinnati	2012	Intersects
An Eligibility Assessment of Site 33FR801 within the Proposed Olentangy River Bicycle Path in The City of Columbus, Clinton Township, Franklin County, Ohio	ASC Group, Inc.	1991	16.1 meters S (52.8 feet)
Phase II National Register Testing of Site 33-FR-801, for the Proposed Ackerman Road 20-inch Natural Gas Pipeline Project in the City of Columbus, Franklin County, Ohio (OPSB case # 11-3534-GA-BTX)	URS Corp., Cincinnati	2012	32.2 meters SE (105.6 feet)

Phase I Archaeological Investigations for the 7.2 ha (17.9 ac) Havens Meadows Housing Development in Jefferson Township, Franklin County, Ohio	Weller & Associates, Inc	2019	400 meters N (1,312.3 feet)
Phase I Archaeological Survey of Select U.S. Army Reserve Facilities in Ohio, (Gahanna & Blacklick) Franklin, and (Cincinnati) Hamilton Counties, Ohio	Brockington and Associates, Inc.	2015	450 meters S (1,572 feet)
Phase I Cultural Resource Management Investigations for the FRA-270-37.04 Interchange 37 / Hamilton Rd Median Improvement Project and FRA-Tech Center Drive Improvement Project in the City of Gahanna, Franklin County, Ohio	EMH&T, Inc.	2008	Intersects
Phase I Archaeological Survey for the Proposed Bridgeway Hangar Development Project, Port Columbus International Airport, City of Columbus, Franklin County, Ohio	ASC Group, Inc.	2016	478.1 meters SW (1,568.7 feet)
Literature Review and Archaeological Reconnaissance Survey for Proposed Gahanna Riverwalk Project, Gahanna, Franklin County, Ohio	Hardlines Design Co.	1997	218.4 meters NE (716.79 feet)
Literature Review and Reconnaissance Survey of the Proposed Improvements Along Stelzer Road From Morse Road To Interstate 670 In Blendon And Mifflin Townships, Franklin County, Ohio	ASC Group, Inc.	1992	Intersects
Phase I Cultural Resources Management Investigations for the Approximately 18.21 ha (45 a.) Village at Stonecliff Housing Development in the City of Columbus, Franklin County, Ohio	EMH&T, Inc.	2004	363.1 meters S (1,119.39 feet)

4.2 PREVIOUSLY RECORDED CULTURAL RESOURCES

Based on the review, there are no archaeological sites or above-ground historic resources documented within the Project area; however, there are multiple cultural resources documented within a 0.5-mile (0.80 km) radius of Project area as summarized below (OHC 2023) (**Table 3**).

Table 3. Previously Recorded Cultural Resources within 0.5 mile (0.80 km) of the Project Area.

OHI/OAI Number	Name of Resource	Date of Significance/ Temporal	Address
FR0200	Archaeological Site	Prehistoric	N/A
FR0201	Archaeological Site	Prehistoric	N/A
FR0202	Archaeological Site	Prehistoric	N/A
FR0204	Archaeological Site	Prehistoric	N/A
FR0205	Archaeological Site	Prehistoric	N/A

OHI/OAI Number	Name of Resource	Date of Significance/ Temporal	Address
FR0802	Archaeological Site	Prehistoric	N/A
FR0801	Archaeological Site	Prehistoric and Historic	N/A
FR0803	Archaeological Site	Historic	N/A
FR2874	Archaeological Site	Prehistoric	N/A
FRA0167010	Historic Structure	1910	191 W Delhi Ave Columbus, OH
FRA0167310	Clinton Theatre	1927	3377-3381 N High St Columbus, OH
FRA0712110	Clinton Elementary School	1922	10 Clinton Heights Ave Columbus, OH
FRA0165410	Clinton School	1910	10 Clinton Heights Ave Columbus, OH
FRA0167610	Historic Structure	1910	65 E North Broadway Columbus, OH
FRA0166910	Como Ave Methodist Episcopal	1916	29 E Como Ave Columbus, OH
FRA0165910	Harold Scott House	1910	3119 N High St Columbus, OH
FRA0166010	Clinton Chapel	1938	3100 N High St Columbus, OH
FRA0166213	Posey Prop	1915	57 E Weber Rd Columbus, OH
FRA0166113	Shockey House	1915	83 E Weber Rd Columbus, OH
NR-06000361	Coe, Truman & Sylvia Bull, House	1880-1885	75 E Lakeview Ave Columbus, OH 43202
NR-15000323	Graham, AB, House	1938-1960	159 Clinton Heights Ave Columbus, OH 43202
FRA0003813	Olentangy Amusement Park Site	1939	2800 N High St Columbus, OH
FRA0947310	Patrick & Coleen Berry House	1954	567 E North Broadway Columbus, OH
FRA0947610	Almanza & Elta McCreight House	1928	577 E North Broadway Columbus, OH
FRA0947810	LE & Ella Gross House	1931	583 E North Broadway Columbus, OH
FRA0948010	Lemuel & Juanita DeForest House	1929	589 E North Broadway Columbus, OH
FRA0948210	Ed & Inez Gibson House	1936	599 E North Broadway Columbus, OH
FRA0948410	William Robbers House	1936	605 E North Broadway Columbus, OH

OHI/OAI Number	Name of Resource	Date of Significance/ Temporal	Address
FRA0948510	Frank & Florence Pote House	1939	615 E North Broadway Columbus, OH
FRA0940613	Todd & Hair House	1952	555 Olentangy St Columbus, OH
FRA0940513	Fisher House	1952	553 Olentangy St Columbus, OH
FRA0940413	Fowkes House	1950	549 Olentangy St Columbus, OH
FRA0940313	Dheel House	1926	547 Olentangy St Columbus, OH
FRA0936413	Glen Echo Ravine Culvert	1910	Glen Echo Ravine at RR tracks Columbus, OH
Multiple	Historic Houses	Multiple	2680-2612 N 4th St (all even #'s) Columbus, OH
Multiple	Historic Houses	Multiple	2604-2574 N 4th St (all even #'s) Columbus, OH
FRA0937913	James L Geygan House	1925	2538 N 4th St Columbus, OH
Multiple	Historic Houses	Multiple	2539-2517 N 4th St (All odd #'s) Columbus, OH
Multiple	Historic Houses	Multiple	2500-2502- 2474-2476 N 4th St (all even #'s) Columbus, OH
FRA0534213	Steward & Silver Cement Block	1915	527 E Hudson St Columbus, OH
FRA0947810	LE & Ella Gross House	1931	583 E North Broadway Columbus, OH
FRA0948010	Lemuel & Juanita DeForest House	1929	589 E North Broadway Columbus, OH
FRA0948210	Ed & Inez Gibson House	1936	599 E North Broadway Columbus, OH
FRA0948410	William Robbers House	1936	605 E North Broadway Columbus, OH
FRA0948510	Frank & Florence Pote House	1939	615 E North Broadway Columbus, OH
FRA0940613	Todd & Hair House	1952	555 Olentangy St Columbus, OH
FRA0940513	Fisher House	1952	553 Olentangy St Columbus, OH
FRA0940413	Fowkes House	1950	549 Olentangy St Columbus, OH
FRA0940313	Dheel House	1926	547 Olentangy St

OHI/OAI Number	Name of Resource	Date of Significance/ Temporal	Address
			Columbus, OH
FRA0936413	Glen Echo Ravine Culvert	1910	Glen Echo Ravine at RR tracks Columbus, OH
Multiple	Historic Houses	Multiple	2680-2612 N 4th St (all even #'s) Columbus, OH
Multiple	Historic Houses	Multiple	2604-2574 N 4th St (all even #'s) Columbus, OH
FRA0937913	James L Geygan House	1925	2538 N 4th St Columbus, OH
Multiple	Historic Houses	Multiple	2539-2517 N 4th St (All odd #'s) Columbus, OH
Multiple	Historic Houses	Multiple	2500-2502- 2474-2476 N 4th St (all even #'s) Columbus, OH
FRA0534213	Steward & Silver Cement Block	1915	527 E Hudson St Columbus, OH
Multiple	Historic Houses	Multiple	506-526 E Tompkins St (all even #'s) Columbus, OH
Multiple	Historic Houses	Multiple	2464-2422 N 4th St (all even #'s) Columbus, OH
Multiple	Historic Houses	Multiple	513-515 E Tompkins Ave (all odd #'s) Columbus, OH
FRA0937813	Fleming Deal House	1910	527 E Tompkins Ave (rear) Columbus, OH
Multiple	Historic Houses	Multiple	514-522 Clinton Ave (all even #'s) Columbus, OH
FRA0134413	Miller Property	1899	453 E Hudson St Columbus, OH
Multiple	Historic Houses	Multiple	2514-2430 Summit St (all even #'s) Columbus, OH
Multiple	Historic Houses	Multiple	2515-2431 1/2 Summit St (all odd #'s) Columbus, OH
FRA0153813	Hale Property	1911	2570 Summit St Columbus, OH
NR-97001241	Glen Echo Historic District	1910-1943	Roughly bounded by Glen Echo Ravine, Big Four RR tracks, Indianola Ave, & Hudson St
FRA0155313	Finn House	1911	2625 N Summit St Columbus, OH
FRA0155213	Gregg House	1910	411 Arcadia Ave (and 2630 Glen Echo) Columbus, OH
FRA0152913	Walsh House	1920	416 Glen Echo Circle

OHI/OAI Number	Name of Resource	Date of Significance/ Temporal	Address
			Columbus, OH
2500698	Bridge	1921	3.22 miles north of IR 670
FRA1033513	Columbus Fire Station 13	1957	309 Arcadia Ave Columbus, OH
FRA0151213	Bernler House	1939	308 Cliffside Dr Columbus, OH
NR -89000175	Hamilton, Gilbert H., House	1927	290 Cliffside Dr Columbus, OH 43211
FRA0153313	Glen Echo United Presbyt	1930	220 Cliffside Dr Columbus, OH
FRA0150913	Historic Structure	1895	2584-2586 Dayton St Columbus, OH
FRA0156613	Zissis House	1905	2600 Medary Ave Columbus, OH
FRA0151013	O'Harra Rental House	1899	235-237 E Duncan St (2610 Medary) Columbus, OH
FRA0152513	Welshans House	1899	195 E Duncan St Columbus, OH
NR-87000984	North High School	1923	100 Arcadia Ave Columbus, OH
FRA0156413	Pfeiffer Rental House	1880	2673 Adams Ave Columbus, OH
FRA0156513	Marie Ranke Rental House	1880	2667 Adams Ave Columbus, OH
Multiple	Historic Houses	Multiple	2682-2636 Findley Ave Columbus, OH
FRA0761013	Lang House	1910	2643 Findley Ave Columbus, OH
FRA0761313	Sayre/Waltzer/Snook/Stultz	1925	2651 Findley Ave Columbus, OH
FRA0153513	Hayden House	1940	96-98 E Dodridge St Columbus, OH
FRA0154113	McConnell House	1899	74 E Dodridge St Columbus, OH
FRA0151413	Harness House	1899	57 E Dodridge St Columbus, OH
FRA0152813	Historic Structure	1899	37 E Dodridge St Columbus, OH
FRA0154313	Burkepile Rental House	1876	2695 East Ave Columbus, OH
FRA0154213	Harness House	1875	45 E Arcadia Ave Columbus, OH

OHI/OAI Number	Name of Resource	Date of Significance/ Temporal	Address
FRA0370313	Bilikam General Store	1880	2662-2664 N High St Columbus, OH
FRA0370213	Gray Nook Restaurant	1920	2657-2659 N High St Columbus, OH
FRA0006813	Ramlow Block/Crosby Drugs	1891	2659-2661 N High St Columbus, OH
NR-10000828	North Columbus Commercial Historic District	N/A	N/A
FRA0430513	Barber Shop	1865	17 W Dodridge St Columbus, OH
Multiple	Historic Houses	Multiple	44-110 W Dodridge St Columbus, OH
Multiple	Historic Houses	Multiple	69-49 North St Columbus, OH
FRA0768713	Prosser-Yoder House	1937	2683-2685 Neil Ave Columbus, OH
FRA0166710	Historic Structure	1937	224 E California Ave Columbus, OH
FRA0166610	Historic Structure	1910	259 Walhalla Rd Columbus, OH
FRA0844313	Crestview Junior High School	1914	251 E Weber Rd Columbus, OH
FRA0941013	Short House	1939	589 E Weber Rd Columbus, OH
FRA0940913	Gawlikowski House	1946	589 Tibet Rd Columbus, OH
FRA0940813	Robson House	1922	578 E Tulane Rd Columbus, OH
FRA0940713	Landis House	1948	577 E Tulane Rd Columbus, OH
FRA1033611	Columbus Fire Station 16	1953	1130 Weber Rd Columbus, OH
FRA0308311	Historic Structure	1910	1676 Manchester Ave Columbus, OH
FRA1053611	Historic Structure	1925	2741 Cleveland Ave Columbus, OH
FRA1053811	Historic Structure	1930	2750 Cleveland Ave Columbus, OH
FRA1053711	Historic Structure	1940	2742 Cleveland Ave Columbus, OH
FRA1025611	IGA and Strip Mall	1940	2682-92 Westerville Rd Columbus, OH

OHI/OAI Number	Name of Resource	Date of Significance/ Temporal	Address
FRA0260212	Schrock House	1834	2422 Sunbury Rd Columbus, OH
FRA0165713	Colonial Cany Shoppe	1939	2923-2931 N High St Columbus, OH
FRA0383413	White Castle Restaurant	1951	2725 N High St Columbus, OH
FRA0165613	The Elmwood	1915	149 E Kelso Rd Columbus, OH
FRA0864813	HL Brickels House	1921	238 Crestview Rd Columbus, OH
FRA0166610	Historic Structure	1910	259 Walhalla Rd Columbus, OH
FRA0429810	Porshinsky Apartments	1930	3211 Indianola Ave
FRA1045311	Como School	1957	2989 Reis Ave Columbus, OH
Multiple	Multiple	Multiple	513-515 E Tompkins Ave Columbus, OH
Multiple	Multiple	Multiple	2500-2458 N 4 th Street
Multiple	Multiple	Multiple	506-524 E Tomkins Street
FRA0534213	Steward & Silver Cement Block	1915	527 E Hudson St Columbus, OH
Multiple	Multiple	Multiple	547-555 Olentangy St Columbus, OH
FRA1017111	New Salem Baptist Church	1951	2956 Cleveland Ave Columbus, OH
FRA1053411	Historic Structure	1940	2572 Cleveland Ave Columbus, OH
FRA1053311	1695-1697 Minnesota Avenue	1930	1695-1697 Minnesota Ave Columbus, OH
Multiple	Multiple	Multiple	2533-2557 Cleveland Ave Columbus, OH
FRA0308311	Historic Structure	1910	1676 Manchester Ave Columbus, OH
FRA1038511	Ohio Townhouses Family Apartments	1974	2775 Brentnell Rd Columbus, OH
FRA0711711	East Linden Elementary School	1911	2500 Perdue Rd Columbus, OH
N/A	Clinton Chapel-Webster Cemetery	1825	3100 N High St Columbus, OH
N/A	Mifflin Cemetery	N/A	2142 Mock Road. West of Sunbury Road. Near Woodland Avenue. East of Parkwood Avenue

OHI/OAI Number	Name of Resource	Date of Significance/ Temporal	Address
N/A	Old Union-Union	1806	East of Ackerman and Olentangy River Road

4.3 HISTORIC TOPOGRAPHIC MAPS AND AERIAL IMAGERY

Historical topographic maps and aerial photography revealed existing suburban housing near the Project area from at least 1954 to the present (USGS 1954, 1955, 1964, 1965a, 1965b, 1995a, 1995b, 2010a, 2010b; Nationwide Environmental Title Research [NETR] 2022a, b, c, and d). The vicinity has remained mainly developed land with large areas of gridded residential structures that gradually increased over time from the 1960s to the present (NETR 2022a-d).

5.0 SUMMARY AND RECOMMENDATIONS

The Project proposes to install about 8.1 miles (13.04 km) of 24-inch high pressure steel main line pipeline. The Project area originates 68 meters (223 feet) southwest of the intersection of Windbrook Drive and Taylor Station Road and terminates at the intersection of Woodland Ave and Denune Ave in Columbus, Franklin County, Ohio. The Project is depicted on the Northeast Columbus, Ohio US Geological Survey (USGS) 7.5-minute topographic map quadrangle.

A Cultural Resource A desktop review was conducted for the Project, consisting of a compilation of known above-ground historic resources, archaeological sites, and previously conducted cultural resources surveys. The review revealed that there are no above-ground historic resources or subsurface archaeological sites within the Project area. However, there are over one hundred previously recorded cultural resources within a 0.5-mile (0.8-km) radius. These results are depicted in **Appendix B**.

Based on the information provided and the results of this desktop assessment, CED would recommend a cultural resources survey should the Project proceed. Previously documented resources in the immediate vicinity indicate a moderate to high probability for encountering archaeological sites within or adjacent to the Project area. This background review and assessment was conducted in support of NiSource's compliance with Section 106 of the NHPA.

6.0 REFERENCES

Nationwide Environmental Title Research (NETR)

2022a 1953 Aerial Imagery. Available online: <https://www.historicaerials.com/viewer>, accessed April 2022.

2022b 1963 Aerial Imagery. Available online: <https://www.historicaerials.com/viewer>, accessed April 2022.

2022c 1971 Aerial Imagery. Available online: <https://www.historicaerials.com/viewer>, accessed April 2022.

2022d 1985 Aerial Imagery. Available online: <https://www.historicaerials.com/viewer>, accessed April 2022.

Natural Resources Conservation Service (NRCS)

2022 US Department of Agriculture, Natural Resources Conservation Services. Electronic document, <http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>, accessed April 2022.

Ohio History Connection (OHC)

2023 Online mapping system. *Ohio History Connection*. <https://www.ohiohistory.org/preserving-ohio/state-historic-preservation-office/online-mapping-system/>, accessed May 2023.

Slucher, E.R., Swinford, E.M., Larsen, G.E., and others

2006 Bedrock geologic map of Ohio: Ohio Division of Geological Survey Map BG-1, version 6.0, scale 1:500,000.

US Geological Survey (USGS)

1954 Topographic Map of Northeast Columbus, Ohio 1:24000. Available online: <https://ngmdb.usgs.gov/topoview/>, accessed April 2022.

1955 Topographic Map of Northwest Columbus, Ohio 1:24000. Available online: <https://ngmdb.usgs.gov/topoview/>, accessed April 2022.

1964 Topographic Map of Northeast Columbus, Ohio 1:24000. Available online: <https://ngmdb.usgs.gov/topoview/>, accessed April 2022.

1965a Topographic Map of Northeast Columbus, Ohio 1:24000. Available online: <https://ngmdb.usgs.gov/topoview/>, accessed April 2022.

1965b Topographic Map of Northwest Columbus, Ohio 1:24000. Available online: <https://ngmdb.usgs.gov/topoview/>, accessed April 2022.

1995a Topographic Map of Northeast Columbus, Ohio 1:24000. Available online: <https://ngmdb.usgs.gov/topoview/>, accessed April 2022.

1995b Topographic Map of Northwest Columbus, Ohio 1:24000. Available online: <https://ngmdb.usgs.gov/topoview/>, accessed April 2022.

2010a Topographic Map of Northeast Columbus, Ohio 1:24000. Available online: <https://ngmdb.usgs.gov/topoview/>, accessed April 2022.

2010b Topographic Map of Northwest Columbus, Ohio 1:24000. Available online: <https://ngmdb.usgs.gov/topoview/>, accessed April 2022.

Woods, Alan J., James M. Omernik, C. Scott Brockman, Timothy D. Gerber, William D. Hosteter, and Sandra H. Azevedo

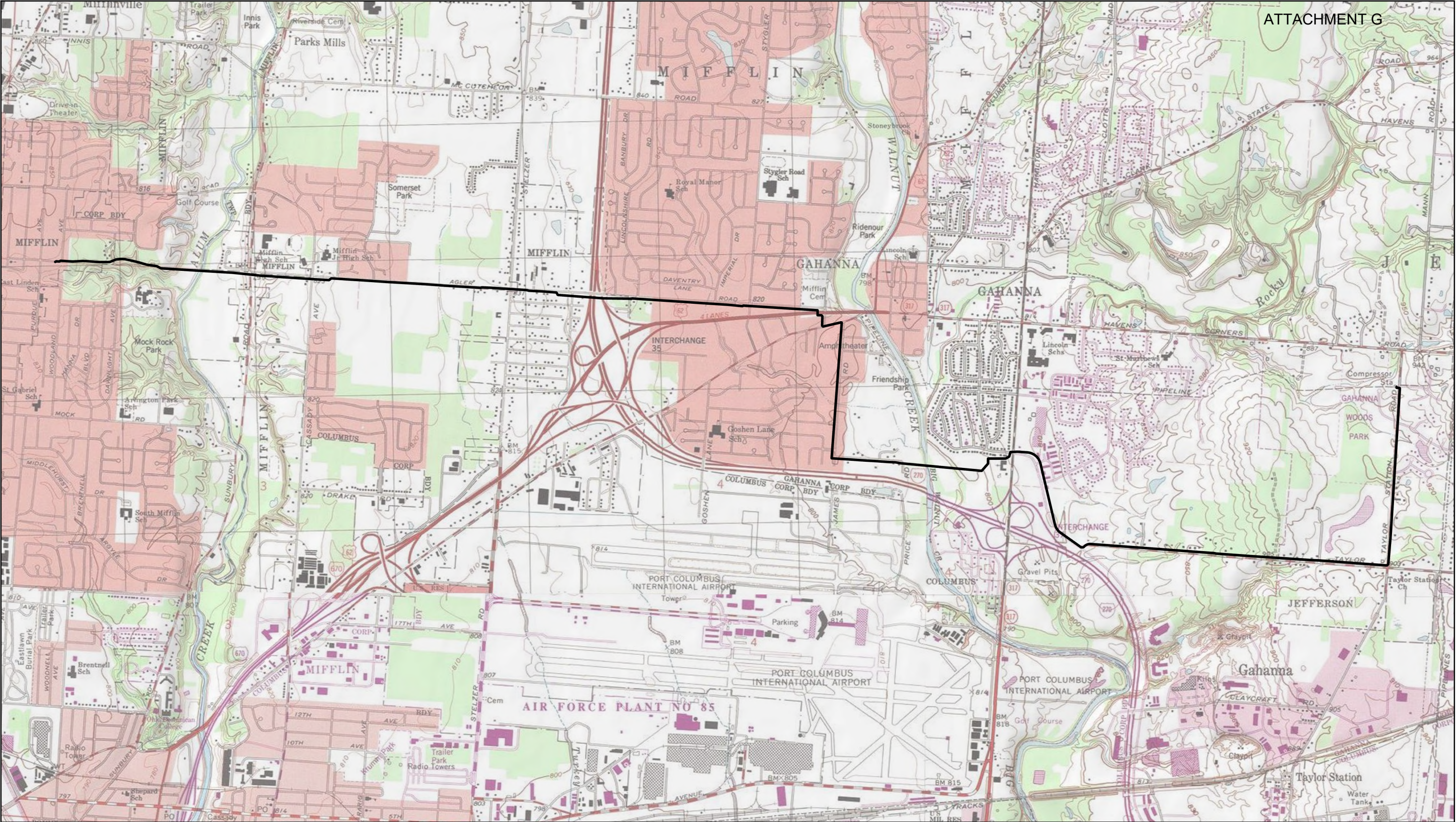
1998 Ecoregions of Indiana and Ohio. (Poster)



https://store.usgs.gov/assets/MOD/StoreFiles/Ecoregion/21631_in_oh_front.pdf. accessed April 2022.

Appendix

Appendix A | Project Location Map



Prepared For:
NiSource Inc.
801 E. 86th Avenue
Merrillville, IN 46410

Prepared By:
Raleigh Office
2000 Regency Parkway Ste 295
Cary, NC 27518
T: 919.439.8461
www.colliersengineering.com

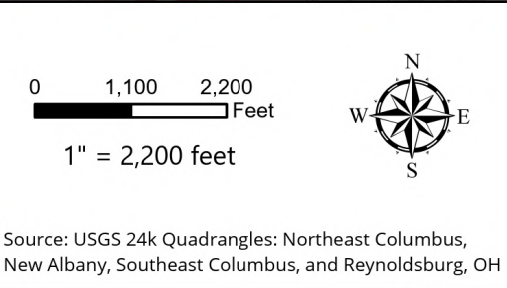


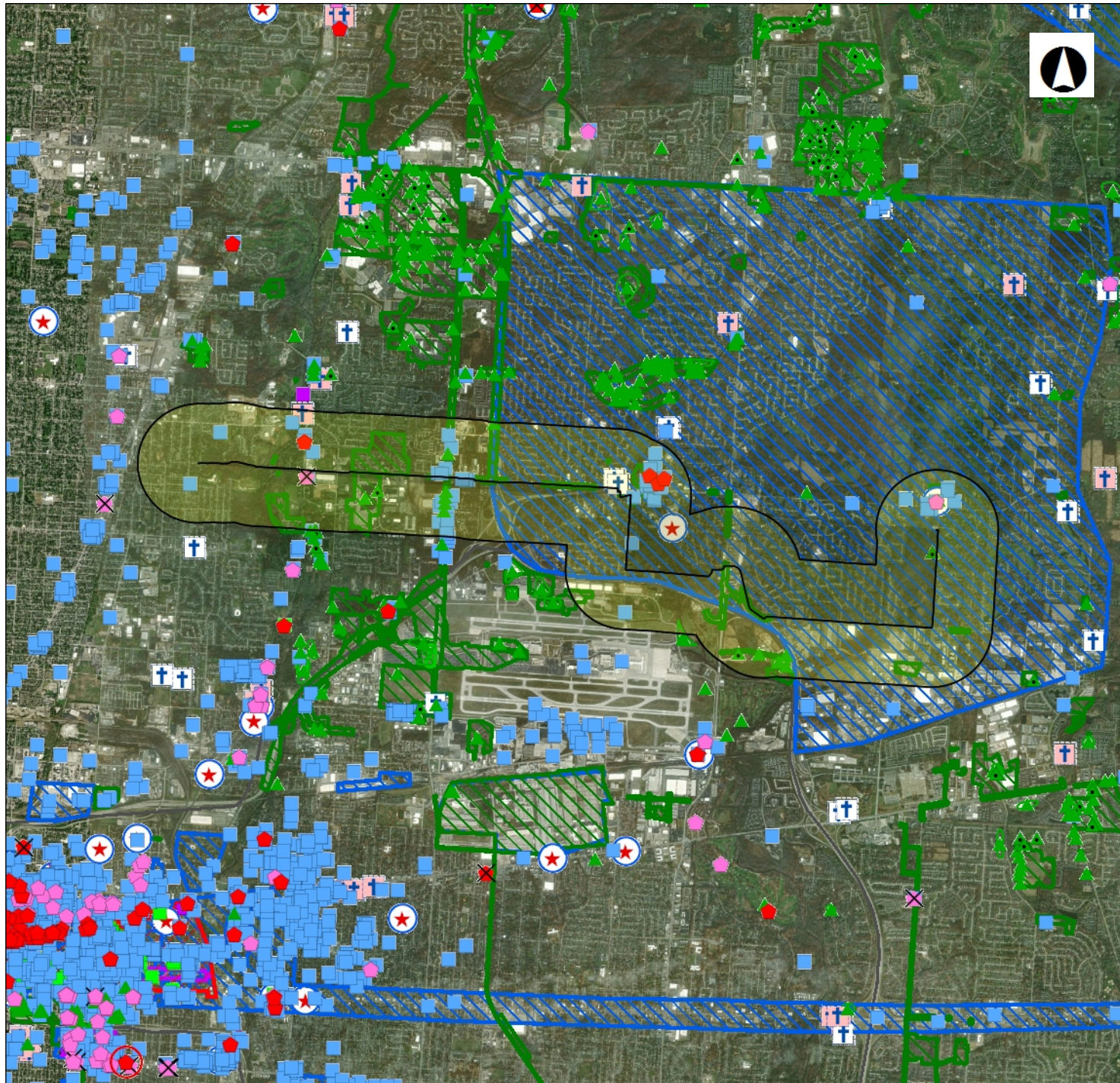
Figure 1 - Project Location Map
East Columbus
Franklin County, Ohio

Date:	MC Project #:	Drawn By:
5/23/2023	21004202A	KHY

— Main Line

Sheet 1 of 1

Appendix B | Cultural Resources Background Map



ATTACHMENT G



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

0 1.28 2.56 Miles

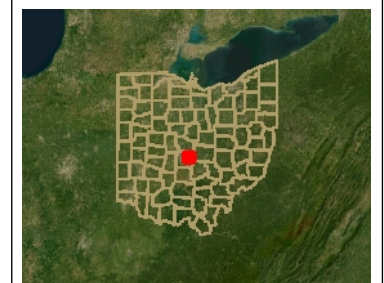
1: 101,310

Copyright/Disclaimer

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Datum: [Datum]

Projection: WGS_1984_Web_Mercator_Auxiliary_Sphere





Engineering
& Design

Colliers Engineering & Design is a trusted provider of multi-discipline engineering, design and consulting services providing customized solutions for public and private clients through a network of offices nationwide.

For a full listing of our office locations, please visit colliersengineering.com

1 877 627 3772



*Civil/Site • Traffic/Transportation • Governmental • Survey/Geospatial
Infrastructure • Geotechnical/Environmental • Telecommunications • Utilities/Energy*