

**AMERICAN TRANSMISSION SYSTEMS, INCORPORATED
A FIRSTENERGY COMPANY**

LETTER OF NOTIFICATION

**345 kV TRANSMISSION LINE LOOPS TO AND RAISING
138 kV TRANSMISSION LINES FOR CLEAN ENERGY
FUTURE-LORDSTOWN, LLC PROJECT**

OPSB CASE NO.: 16-1455-EL-BLN

August 15, 2016

**American Transmission Systems, Incorporated
76 South Main Street
Akron, Ohio 44308**

LETTER OF NOTIFICATION
345 kV TRANSMISSION LINE LOOPS TO AND RAISING 138 kV TRANSMISSION
LINES FOR CLEAN ENERGY FUTURE LORDSTOWN, LLC, PROJECT

The following information is being provided in accordance with the requirements in the Ohio Administrative Code (OAC) Chapter 4906-6 for the application and review of Accelerated Certificate Applications. Based upon the requirements found in Appendix A to OAC Rule 4906-1-01, this Project qualifies for Submittal to the Ohio Power Siting Board (“Board”) as a Letter of Notification application.

4906-6-05: ACCELERATED APPLICATION REQUIREMENTS

4906-6-05: Name and Reference Number

Name of Project: 345 kV Transmission Line Loops to and Raising 138 kV Transmission Lines for Clean Energy Future-Lordstown, LLC, Project (“Project”)

2015 LTFR Reference: This Project is not included in the FirstEnergy Corp. 2015 Long Term Forecast Report submitted to the Public Utility Commission of Ohio (“PUCO”) in Case Number 15-0649-EL-FOR.

4906-6-05 (B)(1): Brief Description of Project

In this Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy Company, proposes to extend two loops from the existing Highland-Mansfield 345 kV and Highland-Sammis 345 kV transmission lines approximately 1900 feet (0.35 mile) to the new interconnection switchyard for the Clean Energy Future – Lordstown facility, which will be known as the Lordstown Substation. The transmission line loops will require one (1) 3-pole deadend dual tap structure, and two (2) monopole tangent structures on concrete foundations, two (2) monopole deadend structures on concrete foundations, and transfer of the existing Glenwillow-Mansfield 345 kV and Highland-Mansfield 345 kV transmission lines to a new dual tap structure.

As part of the Project, the existing Berlin Lake-Niles 138 kV and Bluebell-Highland 138 kV transmission lines will be raised to allow for Clean Energy Future’s 345 kV transmission line to cross underneath and connect the Lordstown Substation and the Lordstown Energy Center.

The raising of the lines will require the replacement of four (4) steel tangent towers with two (2) steel monopole tangent structures with concrete foundations (Structures 31 and 32), and two (2) steel monopole deadend structures with concrete foundations (Structures 30 and 33) on the existing Berlin Lake-Niles 138 kV and Bluebell-Highland 138 kV Transmission Lines.

The Lordstown substation and the 345 kV electrical interconnection is described in Clean Energy Future-Lordstown, LLC's application submitted to the Ohio Power Siting Board ("Board"), in Case No.14-2322-EL-BGN. The application was filed with the Board on March 23, 2015 and certified by the Board on September 17, 2015.

The application in Case No. 14-2322-EL-BGN provides a description of the switchyard, and the ATSI transmission line extensions to the switchyard. This Project will address the transmission line loops described in that application (i.e. the proposed Highland-Mansfield 345 kV and Highland-Sammis 345 kV Transmission Line Extensions to Lordstown Substation Project).

In addition, Clean Energy Future-Lordstown, LLC filed two amendments with the Board in Cases No.16-0131-EL-BGA and 16-0494-EL-BGA. The first of the amendments addressed minor changes associated with the 5-breaker ringbus and the electrical interconnection that will connect the Lordstown Substation to the regional power grid. The second amendment addressed engineering refinements associated with stormwater final design.

The general location of the proposed Project is shown in Exhibits 1 and 2. Exhibit 1 is a partial copy of the United States Geologic Survey, Trumbull County and Mahoning County, Ohio, Quad Maps ID number 41080-B7. Exhibit 2 provides a partial copy of aerial imagery, Digital Orthophoto Quarter Quads ("DOQQ"). The general layout of the proposed Project is shown in Exhibit 3. The Project is located 0.5 mile north of the intersection of Hallock Young Road and Goldner Lane in the Village of Lordstown, Trumbull County, Ohio.

4906-6-05 (B)(1): Letter of Notification Requirements

The Project meets the requirements for a Letter of Notification because the Project is within the types of projects defined by Items (1)(b) and (2)(a) of the Application Requirement Matrix for Electric Power Transmission Lines, Appendix A of OAC Rule 4906-1-01. These items state:

- (1) New construction, extension, or relocation of single or multiple circuit electric power transmission line(s), or upgrading existing transmission or distribution line(s) for operation at a higher transmission voltage, as follows:*
 - (b) Line(s) greater than 0.2 miles in length, but not greater than two miles in length.*
- (2) Adding new circuits on existing structures designed for multiple circuit use, replacing conductors on existing structures with larger or bundled conductors, adding structures to an existing transmission line, or replacing structures with a different type of structure, for a distance of:*
 - (a) Two miles or less.*

The proposed Project extends the Highland-Mansfield 345 kV, Glenwillow-Mansfield 345 kV and Highland-Sammis 345 kV transmission lines approximately 0.35 mile to the interconnecting substation. Five (5) new structures will be installed within new and existing right-of-way. As part of the Project, the existing Berlin Lake-Niles 138 kV and Bluebell-Highland 138 kV transmission lines will be raised to allow for Clean Energy Future's 345 kV transmission line to cross underneath and connect to the Lordstown Substation. This part of the Project will not require new right-of-way or easements acquisition.

4906-6-05 (B)(2): Need for the Project

As part of its construction of the Lordstown Energy Center, Clean Energy Future-Lordstown, LLC is building a new interconnection switchyard, named the Lordstown Substation. The proposed new transmission line extensions are required to connect the existing Highland-Mansfield 345 kV and Highland-Sammis 345 kV transmission lines to the Lordstown Substation and ultimately provides the Lordstown Energy Center's

connection the transmission grid. As part of the Project the existing Berlin Lake-Niles 138 kV and Bluebell-Highland 138 kV transmission lines will be raised to allow for Clean Energy Future's 345 kV transmission line to cross underneath and connect the Lordstown Energy Center and the Lordstown substation.

4906-6-05 (B)(3): Location of the Project Relative to Existing or Proposed Lines

The location of the Project relative to existing or proposed lines is shown in the ATSI Transmission Network Map, included as part of the confidential portion of the FirstEnergy Corp. 2015 Long-Term Forecast Report. This map was submitted to the PUCO in Case No. 15-0649-EL-FOR under Rule 4901:5-5:04 (C) of the Ohio Administrative Code. This map is incorporated by reference only. This map shows ATSI's 345 kV and 138 kV transmission lines and transmission substations including the Highland-Mansfield 345 kV, Glenwillow-Mansfield 345 kV and Highland-Sammis 345 kV Transmission Lines. The Project area is located approximately 3 ³/₈ inches (11" x 17" printed version) from the right edge of the map and 3 ¹/₂ inches (11" x 17" printed version) from the top of the map. The general location of the Project is shown in Exhibits 1 and 2. The Project layout is shown in Exhibit 3.

4906-6-05 (B)(4): Alternatives Considered

There are no practical alternatives that allow for connecting to a new interconnection switchyard, the Lordstown Substation, and the Lordstown Energy Center, other than the proposed Project.

4906-6-05 (B)(5): Public Information Program

ATSI's manager of External Affairs will advise local officials of features and the status of the proposed Project as necessary.

4906-6-05 (B)(6): Construction Schedule

Construction on the Project is expected to begin on approximately November 14, 2016 and is expected to be completed and placed in-service by June 1, 2017.

4906-6-05 (B)(7): Area Map

Exhibit 1 and 2 depict the general location of the Project. Exhibit 1 provides a partial copy of the United States Geologic Survey, Trumbull County and Mahoning County, Ohio, quadrangle map (Quad Order ID number 41080-B7). Exhibit 2 provides a partial copy of aerial imagery, DOQQ.

4906-6-05 (B)(8): Property Owner List

345 kV Transmission Line Loops to and Raising 138 kV Transmission Lines for Clean Energy Future-Lordstown, LLC, Project is partially located on Ohio Edison owned property and the new transmission lines will be owned by ATSI. No additional property rights are needed for construction of the 138 kV Transmission Lines Raise part of the Project. New right-of-way acquisition is required for construction of the 345 kV Transmission Line Loops.

The property information for this Project is listed below in Table 1.

Table 1. List of Affected Property Owners

Parcel Number	Property Owner	Property Address	Easement Status
45-033360	Clean Energy Future Lordstown LLC	3485 Goldner Ln., Warren OH 44481	Previously obtained
45-016701	Clean Energy Future Lordstown LLC	3530 Goldner Ln., Warren OH 44481	Previously obtained
45-141120	Clean Energy Future Lordstown LLC	Henn Parkway, Warren OH 44481	Previously obtained
45-902982	Railroad Pennsylvania Lines LLC	0 Ellsworth Bailey, 45018	Crossing permit renewed
45-025651	Florence F Siglin	State Route 45 Warren OH 44481	Previously obtained
45-902848	Ohio Edison	0 Salt Spring Road, Warren OH 44481	Previously obtained

4906-6-05 (B) (9): TECHNICAL FEATURES OF THE PROJECT

4906-6-05 (B)(9)(a): Operating Characteristics

The 138 kV transmission line construction will have the following characteristics:

Voltage:	138 kV
Conductors:	6-336.4 kcmil 30/7 ACSR
Static Wire:	7#8 alumoweld
Insulators:	Polymer
Structure Types:	138 kV DC Tubular Steel Pole Tangent Structure (Exhibit 4) 138 kV DC Steel Pole Deadend Structure (Exhibit 5)

The 345 kV transmission line construction will have the following characteristics:

Voltage:	345 kV
Conductors:	954 kcmil 48/7 ACSR
Static Wire:	7#8 alumoweld
Insulators:	Polymer
Structure Types:	345 kV SC Tubular Steel Pole Deadend Structure (Exhibit 6) 345 kV SC Steel Pole Tangent Structure (Exhibit 7) 345 kV Loop to Substation Structure (Exhibit 8)

4906-6-05 (B)(9)(b): Calculated Electric and Magnetic Field

The closest occupied residence or institution is approximately 375 feet from the transmission line centerline. As these distances are greater than the 100 feet, Electric and Magnetic Field (“EMF”) calculations have not been estimated.

4906-6-05 (B)(9)(c): Estimated Cost

The estimated capital cost for the proposed 345 kV Transmission Line Loops to and Raising 138 kV Transmission Lines for Clean Energy Future-Lordstown, LLC Project is approximately \$5,479,000.

4906-6-05 (B)(10): SOCIAL AND ECOLOGICAL IMPACTS

4906-6-05 (B)(10)(a): Land Uses

The Project is located in the Village of Lordstown, Trumbull County, Ohio. The main land use around the Project is coded as Residential (R-1). The zoning information for this Project was obtained through the Village of Lordstown Planning and Zoning Department's website.

4906-6-05 (B)(10)(b): Agricultural Land

Agricultural land use does not exist within the Project's area.

4906-6-05 (B)(10)(c): Archaeological or Cultural Resources

As part of ATSI's investigation, a search of Ohio Historic Preservation Office ("OHPO") National Register ("NR") of Historic Places online database was conducted to identify the existence of any significant archeological or cultural resource sites within 0.5 miles of the Project Area. A map of the results of the search is shown in Exhibit 9. The OHPO database includes all Ohio listing on the National Register of Historic Places ("NRHP"), including districts, sites, building, structures, and objects that are significant in American history, architecture, archeology, engineering, and culture. The results of the search indicate that there are no listed NR properties and no SHPO eligible property were identified within 0.5 miles of the Project potential disturbance area.

The OHPO database also includes listing of the Ohio Archaeological Inventory ("OAI"), the Ohio Historic Inventory ("OHI"), previous cultural resource surveys, and the Ohio Genealogical Society ("OGS") cemetery inventory. The results of the search indicate that there are seven (7) OAI sites located within 0.5 miles of the Project's potential disturbance area, and two (2) OHI listed structural resources are located within 0.5 miles of the Project Area. A list of the OHI listed structural resources found is shown in Table 2.

Table 2. List of OHI Listed Archeological Resources

OHI Number	Present Name	Historic Use	County	Municipality
TRU0103222	Malcolm Kibler House (Andrew Harshman House)	Single Dwelling	Trumbull	Lordstown
TRU0294222	Integra House	Single Dwelling	Trumbull	Lordstown

Three (3) previous archaeological resource surveys were conducted within 0.5 miles of the Project Area. A list of the previous cultural resource surveys is shown in Table 3.

Table 3. List of Previous Cultural Resource Survey

Year	Name	County	Municipality
2002	A Phase I Inventory and Archaeological Survey for the Country Basket Collections Site: A 10.3 Acre Tract in Lordstown Township, Trumbull County, Ohio	Trumbull	Lordstown
2008	Phase I Cultural Resources Investigation Report for the Infrastructure Replacement Project - Line 243 in Lordstown Township, Trumbull County and Jackson Township, Mahoning County, Ohio	Trumbull	Lordstown
2010	Phase I Cultural Resources Management Survey for the 17.8 ha (44 acre) Henn Industrial Park Development in Lordstown Township, Trumbull County	Trumbull	Lordstown

4906-6-05 (B)(10)(d): Local, State and Federal Government Requirements

There is no known local, or federal requirements that must be met prior to the commencement of construction on the proposed Project. Table 1 is a list of government agency requirements and the filing status of each requirement at the time of filing.

Table 1. Government Agency Requirements

Agency	Agency requirement	Status
Ohio EPA	Notice of Intent for coverage under Statewide General National Pollution Discharge Elimination System (NPDES) Permit for Construction Storm Water Discharge	To be Submitted
RR Crossing	RR Crossing renewal	Submitted

4906-6-05 (B)(10)(e): Endangered, Threatened, and Rare Species Investigation

Clean Energy Future-Lordstown, LLC contracted Mannik Smith Group to conduct an investigation of endangered, threatened, and rare species within the area proposed for their Project, which includes all of the areas affected by the transmission line extensions and new structures proposed in this application. All relevant correspondence and reporting in support of this development are included in the Clean Energy Future-Lordstown, LLC Application (Case Number 14-2322- EL-BGN), and are incorporated by reference in this Project application.

As part of the Mannik Smith Group’s investigation requests were submitted to the Ohio Department of Natural Resources (“ODNR”), and to the United States Fish and Wildlife Services (“USFWS”) to research the presence of any endangered, threatened, or rare species within one (1) mile of the Project area.

The ODNR provided a response dated March 12, 2015 noting that the location of the Project is within the range of the federal and state endangered Indiana bat (*Myotis sodalis*), the snuffbox (*Epioblasma triquetra*), and black sandshell (*Ligumia recta*). The Project is also in the range of the state endangered and federal proposed as threatened species the eastern massasauga (*Sistrurus catenatus*). Additionally the project is in the range of the northern brook lamprey (*Ichthyomyzon fossor*), the spotted turtle (*Clemmys guttata*), black bear (*Ursus americanus*), and the state endangered northern harrier (*Circus cyaneus*), and upland sandpiper (*Bartramia longicauda*).

United States Fish and Wildlife Services (“USFWS”) correspondence dated January 12, 2015 indicated federally endangered Indiana bat (*Myotis sodalis*) and the proposed federally endangered northern long-eared bat (*Myotis septentrionalis*). The USFWS also noted that the project was in the range of the federal candidate species eastern massasauga (*Sistrurus catenatus*).

Mannik Smith Group conducted a field survey of representative plant and animal species present on and adjacent to the Project Area. No endangered, threatened, or rare species were found during survey.

As the Project area is within the range of both the Indiana bat and northern long-eared bat ATSI will complete any necessary tree clearing between October 1 and March 31 to avoid affecting potential bat habitat as suggested by the USFWS and the ODNR. If this schedule cannot be achieved and clearing of trees outside of this window is deemed necessary, additional consultation with the ODNR and USFWS will be completed prior to clearing.

The Project is in the range of the eastern massasauga, a state endangered and a federal candidate snake species. The species uses a range of habitats including wet prairies, fens and other wetlands, as well as dryer upland habitat. Due to the potential for suitable habitat within the Project area, a habitat suitability and presence/absence survey was conducted by TetraTech, hired by the Mannik Smith Group. The results of the TetraTech survey revealed no occurrences of this species within the Project area.

The Project is within the range of the following protected mussels: state and federal endangered snuffbox and the black sandshell. The range of the northern brook lamprey is also within the Project area. Since no work is proposed for the Project in any surface waters, no adverse effect to these species is anticipated.

The Project is also unlikely to affect the spotted turtle (*Clemmys guttata*), a state threatened species. Due to the location, the type of habitat present at the Project site and within the vicinity of the project area, this project is not likely to impact this species.

The Project is also unlikely to affect the black bear (*Ursus americanus*), due to the mobility of this species.

The range of two bird species, the state endangered northern harrier (*Circus cyaneus*) and upland sandpiper (*Bartramia longicauda*), were identified by ODNR as being within the Project area. Both are ground-nesting birds, with the harrier nesting in large marshes and grasslands (May 15 to August 1) and the sandpiper nesting in grasslands (April 15 to July 31). Construction matting and temporary access roads will be installed prior to April 15 to avoid potential impacts to both species.

4906-6-05 (B)(10)(f): Areas of Ecological Concern

The March 12, 2015 ODNR response provided to Mannik Smith Group in support of the Clean Energy Future-Lordstown, LLC development also addresses the potential presence of unique ecological sites, geological features, animal assemblages, scenic rivers, state wildlife areas, nature preserves, parks or forest, national wildlife refuges, or other protected natural areas within one (1) mile of the Project area. A great blue heron rookery last observed in 2005 is approximately 0.6 mile west of the Project area. This apparently inactive rookery will not be impacted by the Project. No other ecological areas of concern were found during the search of ODNR's Natural Heritage Database.

USFWS correspondence dated January 12, 2015 indicated there were no federal wilderness areas, wildlife refuges, or designated critical habitat within the vicinity of the Project area.

As part of their investigation, Clean Energy Future-Lordstown, LLC also contracted Mannik Smith Group to conduct a wetland delineation and stream assessment in the Project area, which included all of the areas affected by the ATSI transmission line

extensions and new structures. Additionally, the United States Army Corps of Engineers (“USACE”) issued a permit (No. 2005-1448) for the fill of 1.76 acres of wetland, including 1.66 acres of the Clean Energy Future-Lordstown, LLC Facility Site. The permit required that 0.31 acre of unpermitted fill will be removed from a nearby wetland, located on the Ringbus Interconnection Property, and a mitigation wetland at least 2.64 acres in size be created. This Project is not expected to impact this previously approved work.

A construction access plan will be used to avoid or minimize disturbance of the wetland and streams. Construction access will utilize the same routes and methods as had been approved for the 2013 construction of the adjacent Bruce Mansfield – Glenwillow 345 kV Transmission Line Project (Case Number 12-1726-EL-BLN). Any additional routes of ingress/egress will follow permanent and temporary roadways developed by Clean Energy Future-Lordstown, LLC in accordance with all relevant permits and authorizations.

If any streams must be crossed during construction, appropriate Best Management Practices (“BMPs”) such as temporary bridging with construction matting, will be implemented to avoid impacts. Construction activities will be implemented in accordance with all relevant construction storm water permit requirements. All applicable permits will be secured before construction.

4906-6-05(B)(10)(g): Other Information

Construction and operation of the proposed Project will be in accordance with the requirements specified in the latest revision of the National Electrical Safety Code as adopted by the PUCO and will meet all applicable safety standards established by the Occupational Safety and Health Administration.

No other or unusual conditions are expected that will result in significant environmental, social, health or safety impacts.

4906-6-07: Documentation of Letter of Notification Application Transmittal and Availability for Public Review

This Letter of Notification is being provided concurrently to the following officials of the Village of Lordstown and Trumbull County, Ohio.

Trumbull County

Commissioner
Mauro Cantalamessa, President
Trumbull County Commissioners
Trumbull County Administration
Building
160 High Street N.W.
Warren OH, 44481

Ms. Paulette A. Godfrey
Trumbull County Clerk/Interim
Administrator
Trumbull County Administration
Building
160 High Street N.W.
Warren OH, 44481

Commissioner Daniel E. Polivka
Trumbull County Commissioners
Trumbull County Administration
Building
160 High Street N.W.
Warren OH, 44481

Ms. Trish Nuskiewicz
Executive Director
Trumbull County Planning
Commission
185 East Market Street, Suite A
Warren, OH 44481

Commissioner Frank S. Fuda
Trumbull County Commissioners
Trumbull County Administration
Building
160 High Street N.W.
Warren OH, 44481

Mr. Randy L. Smith, P.E., P.S.
Trumbull County Engineer
650 North River Road N.W.
Warren, OH 44483

Village of Lordstown

The Honorable Arno Hill
Mayor, Village of Lordstown
Administration Center
1455 Salt Springs Road
Lordstown, OH 44481

Mr. William Blank
Village of Lordstown Clerk of
Council
Administration Center
1455 Salt Springs Road
Lordstown, OH 44481

Mr. John Mansell, President
Village of Lordstown Council
Administration Center
1455 Salt Springs Road
Lordstown, OH 44481

Library

Mr. James Wilkins, Director
Lordstown Branch
Warren-Trumbull County
Public Library
1471 Salt Springs Road
Warren, OH 44481

Copies of the transmittal letters to these officials have been included with the transmittal letter submitting this Letter of Notification to the Ohio Power Sitting Board, and are being provided to meet the requirement of OAC Rule 4906-6-07 (B) to provide the Board with proof of compliance with the notice requirement to local officials in OAC Rule 4906-6-07 (A)(1).

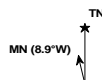
Information is posted on www.firstenergycorp.com/about/transmission_project/ohio.html on how to request an electronic or paper copy of this Letter of Notification. The link to the website is being provided to meet the requirement of OAC 4906-6-07 Rule (B) and to provide the Board with proof of compliance with the notice requirements in OAC 4906-6-Rule 07 (A)(3).

EXHIBIT 1

PROJECT AREA

Orig Date: 1984
Quad Series: 7.5'
Paper Source: Topographic 1:24,000
Quad Order ID: 41080-B7
Coverage:
Trumbull County, OH
Mahoning County, OH
Vendor: USGS

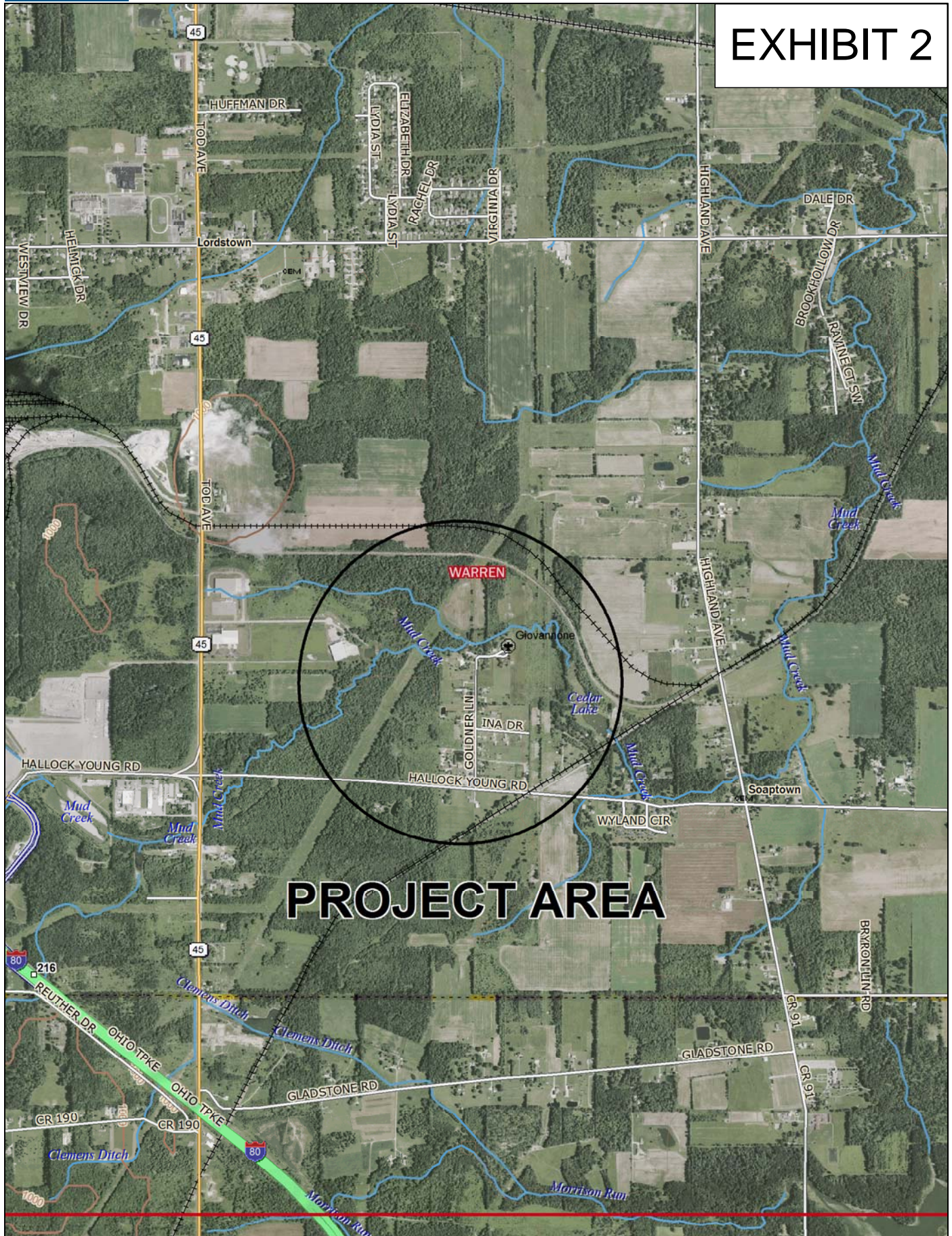
www.delorme.com



$$1'' = 2,000.0 \text{ ft}$$

Data Zoom 13-0

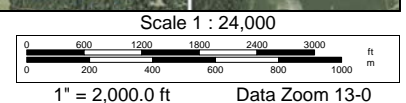
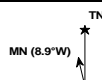
EXHIBIT 2



Data use subject to license.

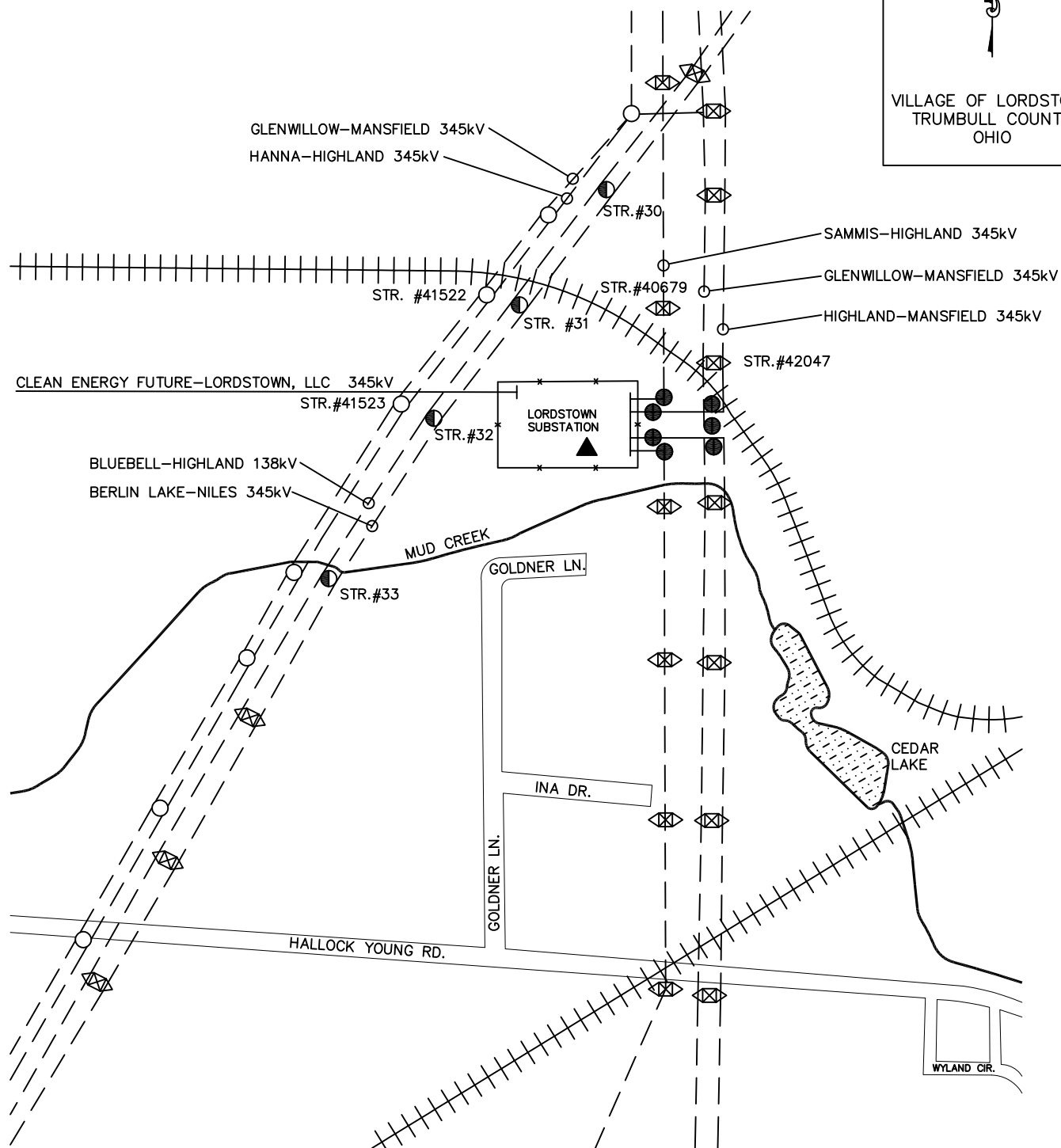
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











VILLAGE OF LORDSTOWN
TRUMBULL COUNTY
OHIO



LEGEND

-  PROPOSED SUBSTATION
-  EXISTING STEEL LATTICE STRUCTURE
-  EXISTING SINGLE STEEL POLE STRUCTURE
-  EXISTING STRUCTURE TO BE REPLACED
-  NEW STRUCTURE
-  PROPOSED SUBSTATION FENCE LINE
-  EXISTING CONDUCTOR
-  NEW CONDUCTOR
-  RAILROAD
-  EXISTING ROADS
- EXISTING STREAM
- EXISTING POND/LAKE

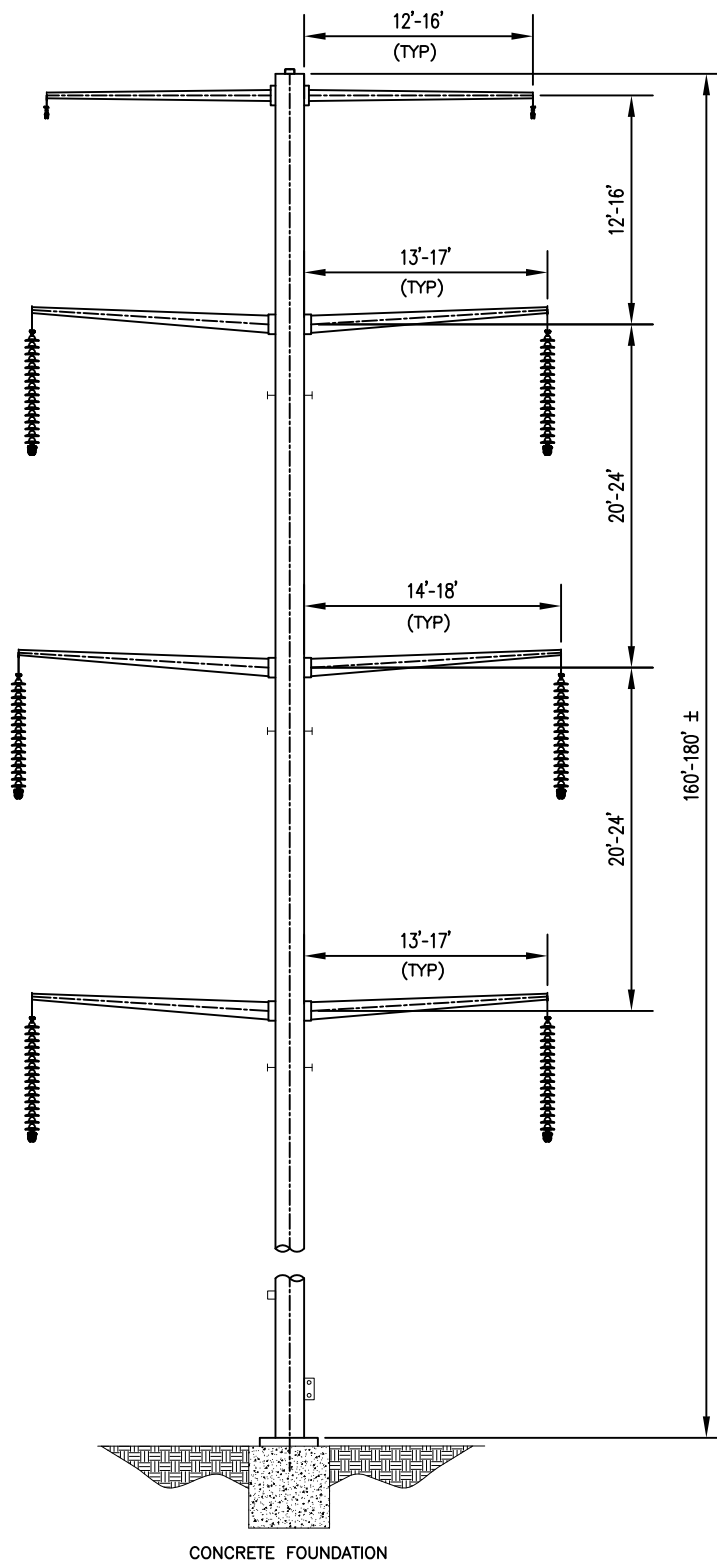
ATSI[®]

American Transmission Systems, Inc.
a subsidiary of FirstEnergy Corp.

345 kV TRANSMISSION LINE LOOPS TO
AND RAISING 138 kV TRANSMISSION LINES FOR
CLEAN ENERGY FUTURE-LORDSTOWN, LLC, PROJECT

PROJECT LAYOUT

EXHIBIT 3



ATSI[®]

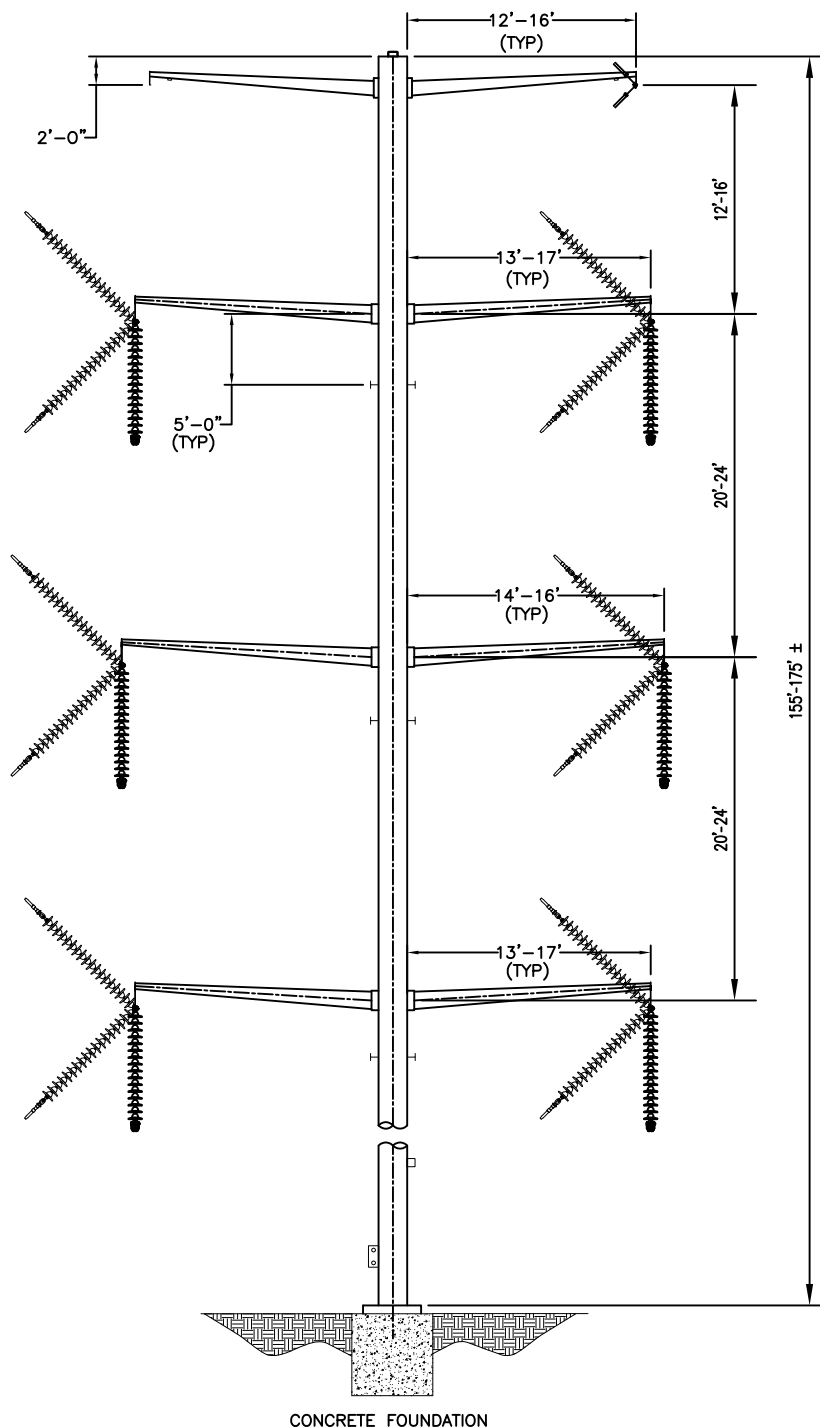
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345kV TRANSMISSION LINE LOOPS TO
AND RAISING 138 kV TRANSMISSION LINES FOR
CLEAN ENERGY FUTURE-LORDSTOWN LLC PROJECT

138 kV DOUBLE CIRCUIT TUBULAR STEEL POLE TANGENT STRUCTURE
RAISING BLUEBELL-HIGHLAND 138 kV &
BERLIN LAKE-NILES 138 kV TRANSMISSION LINES

NOT TO SCALE

EXHIBIT 4



CONCRETE FOUNDATION

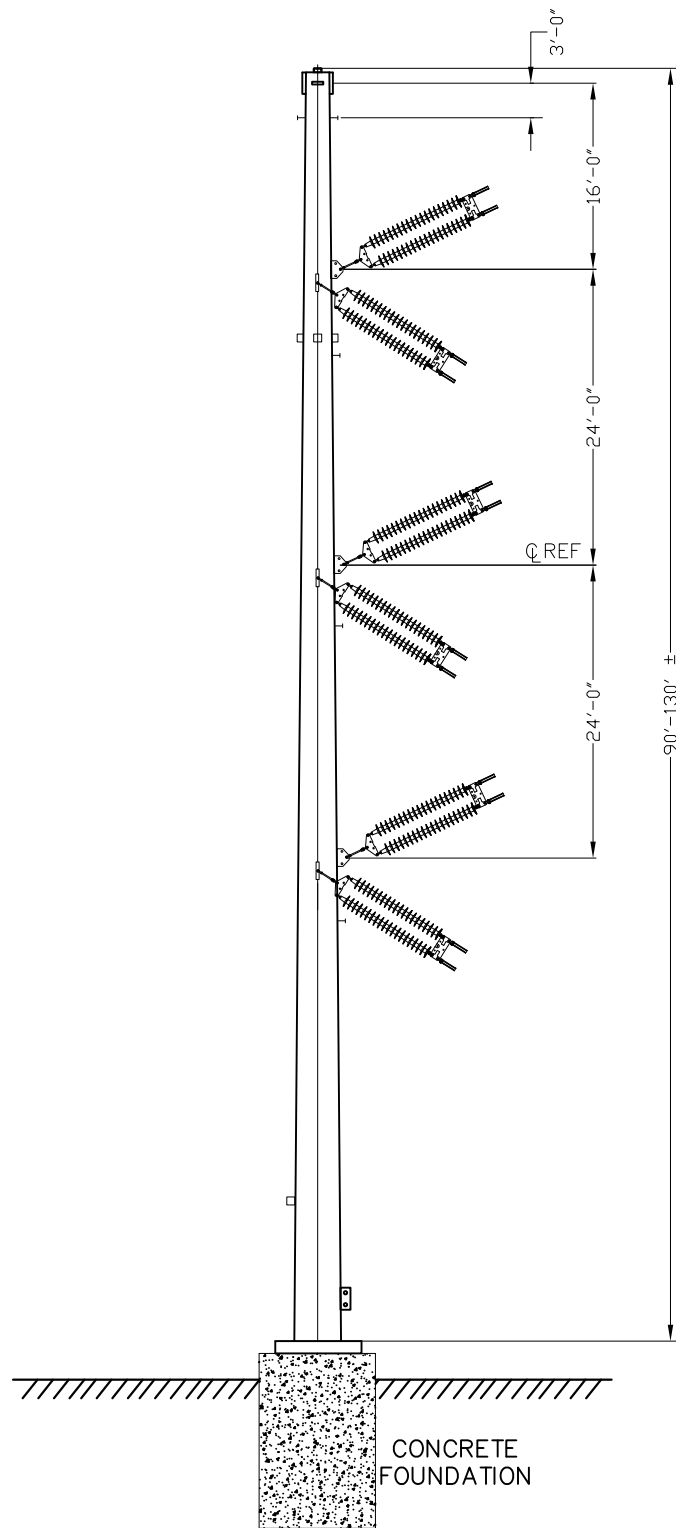


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138 kV DOUBLE CIRCUIT STEEL POLE STRUCTURE
RAISING BLUEBELL-HIGHLAND 138 kV &
BERLIN LAKE-NILES 138 kV TRANSMISSION LINES

NOT TO SCALE

EXHIBIT 5

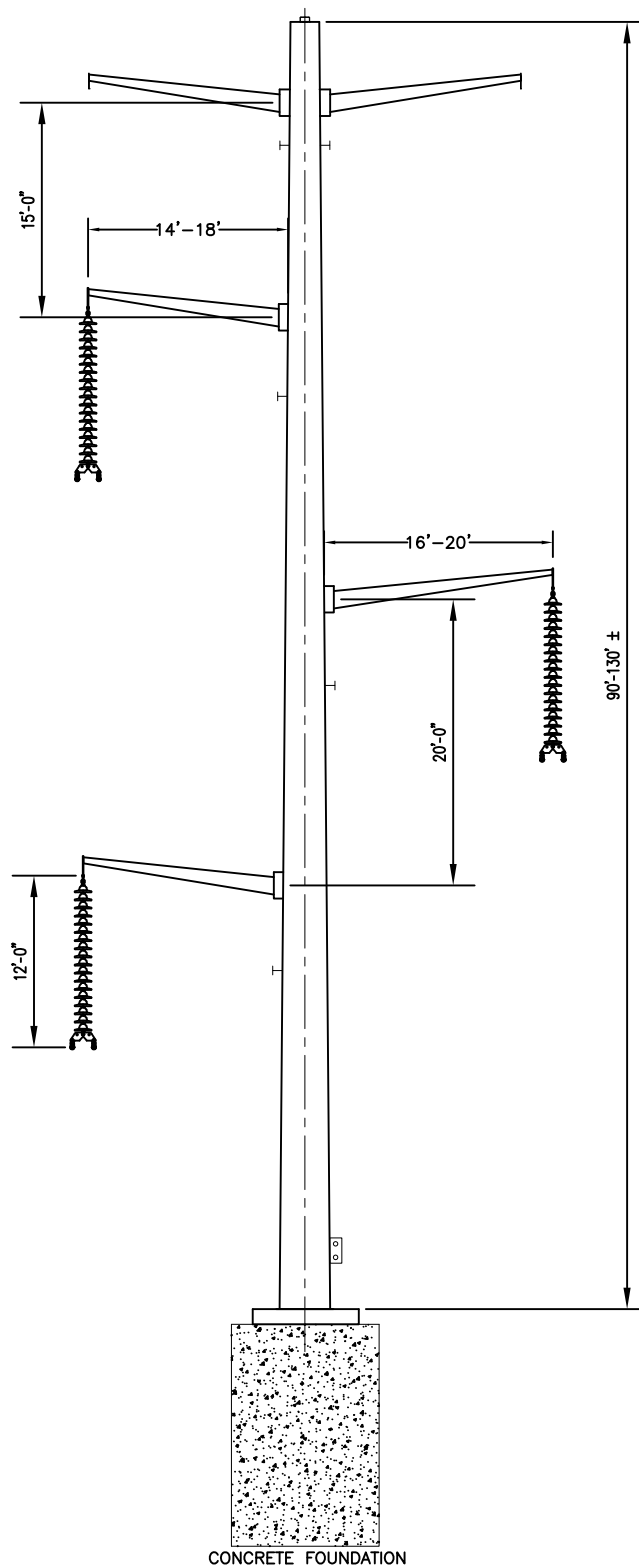


345kV TRANSMISSION LINE LOOPS TO
AND RAISING 138 kV TRANSMISSION LINES FOR
CLEAN ENERGY FUTURE-LORDSTOWN LLC PROJECT

HIGHLAND-SAMMIS 345 kV SINGLE CIRCUIT
TUBULAR STEEL POLE DEADEND STRUCTURE

EXHIBIT 6

NOT TO SCALE



ATSI[®]

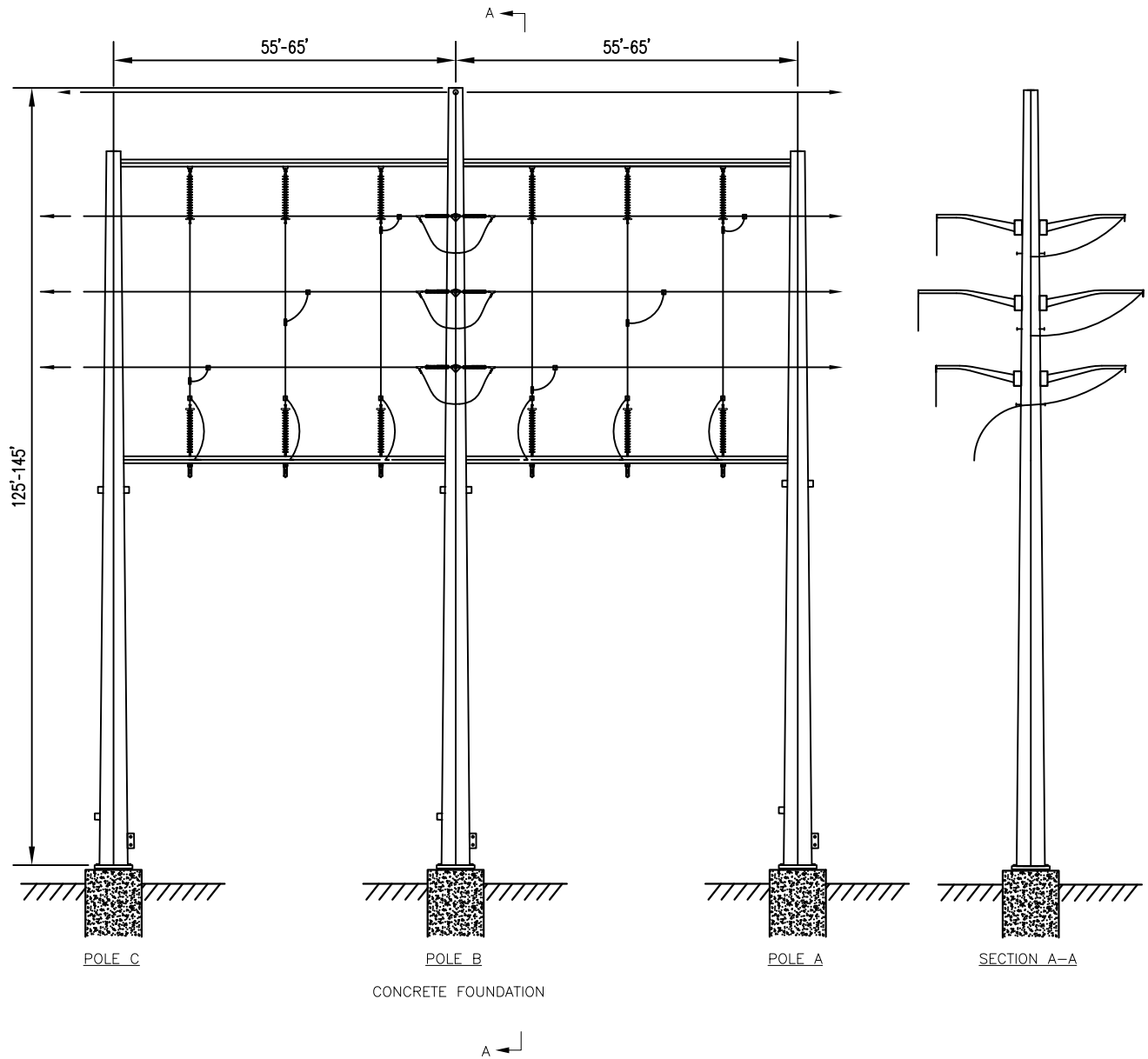
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345kV TRANSMISSION LINE LOOPS TO
AND RAISING 138 kV TRANSMISSION LINES FOR
CLEAN ENERGY FUTURE-LORDSTOWN LLC PROJECT

HIGHLAND-MANSFIELD 345 kV STEEL POLE
TANGENT STRUCTURE

EXHIBIT 7

NOT TO SCALE



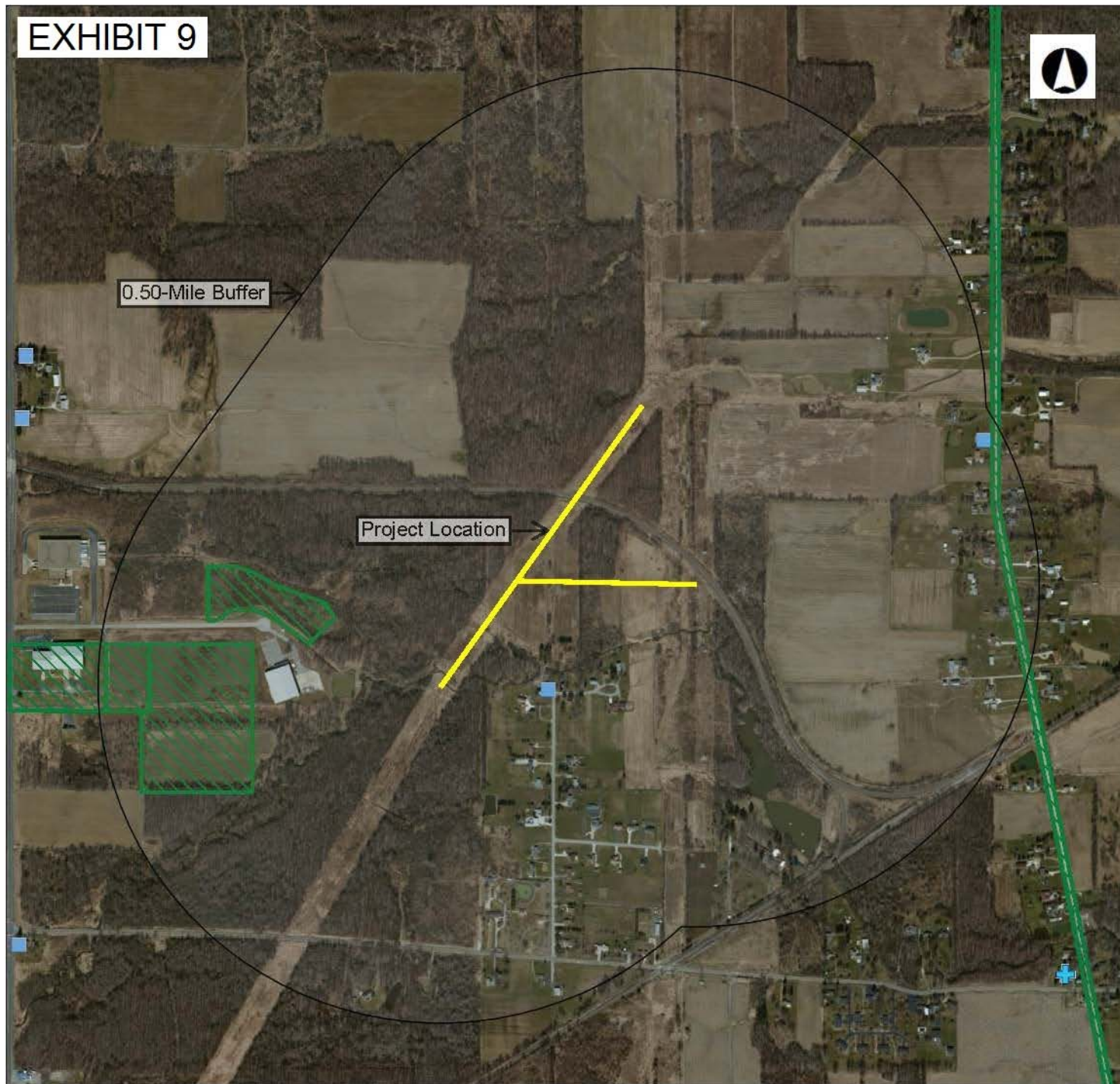
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AND RAISING 138 kV TRANSMISSION LINES FOR
CLEAN ENERGY FUTURE-LORDSTOWN LLC PROJECT

HIGHLAND-MANSFIELD 345 kV &
GLENWILLOW-MANSFIELD 345 kV
LOOP STRUCTURE

EXHIBIT 8

NOT TO SCALE

EXHIBIT 9



Legend

NR Listings

- Listed
- ⊙ National Historic Landmark
- ✕ Delisted
- ◆ NR Determinations of Eligibi
- Historic Structures
- Historic Bridges
- Historic Tax Credit Projects
- + OGS Cemeteries
- Dams
- UTM Zone Split
- ▨ NR Boundaries
- ▨ Phase 1
- ▨ Phase 2
- ▨ Phase 3
- ▨ Historic Previously Surveyec
- Highways
- Counties

0 0.23 0.46 Miles

1: 18,055

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Datum: [Datum]
Projection: WGS_1984_Web_Mercator_Auxiliary_Sphere

