AMERICAN TRANSMISSION SYSTEMS, INCORPORATED A FIRSTENERGY COMPANY

CONSTRUCTION NOTICE

CHAMBERLIN-HUDSON MUNI EAST 138 kV TRANSMISSION LINE STRUCTURE REPLACEMENT PROJECT

OPSB CASE NO.: 17-2444-EL-BNR

December 4, 2017

PUCO MILE

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

RECTIVED-BOCKETING DIV

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CONSTRUCTION NOTICE
CHAMBERLIN-HUDSON MUNI EAST 138 kV TRANSMISSION LINE
STRUCTURE REPLACEMENT PROJECT

The following information is being provided in accordance with 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 Construction

Notice application.

4906-6-05: ACCELERATED APPLICATION REQUIREMENTS

4906-6-05: Name and Reference Number

Name of Project:

Chamberlin-Hudson Muni East 138 kV Transmission

Line Structure Replacement Project ("Project").

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

In this Project, ATSI proposes to replace an existing steel lattice tower, Structure No.

7920, with a 3-pole wood deadend structure on the existing Chamberlin-Hudson Muni

East 138 kV Transmission Line. The existing structure is being replaced due to

deterioration and its inability to support new conductor. The new conductor is being

installed as part of the Chamberlin-Hudson Muni East 138 kV Transmission Line

Rebuild Project, OPSB Case No. 17-1481-EL-BLN, which was approved on August 1,

2017 and is currently under construction.

The general location of the Project is shown in Exhibits 1 and 2. Exhibit 1 is a partial

copy of the United States Geologic Survey, Summit County OH, Cuyahoga County

OH, Portage County OH, Geauga County OH, Quad Map, ID number 40081-C4.

Exhibit 2 provides the project location via aerial imagery, Digital Orthophoto Quarter

Quads ("DOQQ"). The general layout of the proposed Project is shown in Exhibit 3.

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1 Chamberlin-Hudson Muni East 138 kV Transmission Line

Structure Replacement Project

The Project involves the replacement of an existing structure located 0.3 mile, to the north of the Chamberlin Road and Highland Road intersection. The new transmission

structure will be owned and operated by ATSI. The Project will be located in an existing

maintained transmission right-of-way corridor in the City of Twinsburg, Summit

County Ohio.

4906-6-05 (B) (1): Construction Notice Requirement

The Project meets the requirements for a Construction Notice application based on Item

(2) (b) of the Application Requirement Matrix for Electric Power Transmission Lines,

Appendix A of the OAC Rule 4906-1-01, which states:

(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 structures, for a distance of:

(b)Two miles or less.

The proposed Project involves the replacement of an existing structure with a different

type of structure on the Chamberlin-Hudson Muni East 138 kV Transmission Line. No

new right-of-way is required for this Project.

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

The existing structure is being replaced due to deterioration and its inability to support

new conductor. The new conductor is being installed as part of the Chamberlin-Hudson

Muni East 138 kV Transmission Line Rebuild Project, OPSB Case No. 17-1481-EL-

BLN, which was approved on August 1, 2017 and is currently under construction.

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2 Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project

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. 2017 Long-Term Forecast Report. This map was submitted to the PUCO in Case No. 17-0913-EL-FOR under Rule 4901:5-5:04 (C) of the Ohio Administrative Code. The map is incorporated by reference only. This map shows ATSI's 345 kV and 138 kV transmission lines and transmission substations including the Chamberlin-Hudson Muni East 138 kV Transmission Line. The Project area is located approximately 9 ¾ inches (11" x 17" printed version) from the left edge of the map and 3 inches (11" x 17" printed version) from the top of the map. The general location and layout of the Project area is shown in Exhibits 1through 3.

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

No alternatives were considered for this Project.

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

Ohio Edison's manager of External Affairs will advise local officials of the proposed Project as necessary.

4906-6-<u>05 (B) (6): Construction Schedule</u>

The construction schedule for this Project is expected to begin as early as December 15, 2017 and completed by December 31, 2017.

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

Exhibits 1 and 2 depict the general location of the Project. Exhibit 1 provides a partial copy of the United States Geologic Survey, Summit County OH, Cuyahoga County OH, Portage County OH, Geauga County OH, Quad Map, ID number 40081-C4.

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

The Project is located on existing 100-foot right-of-way. No new easements or right-of-way for the transmission structures will need to be acquired. The property information for this Project is listed below; was obtained through the Summit County Auditor's website. These property owners are listed in Table 1 below:

Table 1. List of Affected Property Owners

Parcel Number	Property Owner	Property Address	Easement Status
6409511	Twinsburg Industrial Properties LLC	8801 River Crossing Blvd., Ste 300, Indianapolis, IN 46240	Previously Obtained

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

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

The transmission line construction will have the following characteristics:

Voltage:

138 kV

Conductors:

477 kcmil 26/7 ACSR

Static Wire:

7#8 Alumoweld and SFSJ-J-6641 OPGW

Insulators:

138 kV Polymer Suspension, with Corona Ring

ROW Width:

100 feet

Structure Types:

Dead End Wood 3-Pole Replacement Structure

(Exhibit 4)

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

The closest occupied residence or institution is approximately 600 feet from the transmission line centerline. As these distances are greater than the 100 feet, Electric and Magnetic Field ("EMF") calculations have not been made.

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

The estimated capital cost for the proposed Project is approximately \$130,000.

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

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

The Project is located in the City of Twinsburg, Summit County Ohio. Based on the

US Bureau of Census estimates the 2010 population of the City of Twinsburg was

18,795. The 2010 population of Summit County was 541,781.

The Project area is in industrial zoned land. As the proposed Project involves the

replacement of one structure within the existing corridor, no changes or impacts to the

current land use are anticipated.

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

Agricultural land use does not exist within the Project limits.

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

As part of the Applicant's investigation for this Project, for the application in Case No.

17-1481-EL-BLN. a search of the Ohio Historic Preservation Office ("OHPO") online

database was conducted to identify the existence of any significant archeological or

cultural resource sites within 0.5 miles of the Project Area. This Project is completely

within the project area for Case No. 17-1481-EL-BLN and the information from OHPO

online database is therefore applicable to this application.

The results of the search are shown in Exhibit 5. Exhibit 5 is a map of the Project area

depicting the general location of historic or cultural resources found within 0.5 miles

of the Project.

The OHPO database includes all Ohio listings 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.

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5 Chamberlin-Hudson Muni East 138 kV Transmission Line

Structure Replacement Project

The results of the search indicate that are no listed NRHP sites and no listed eligible NRHP sites 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 historical and cultural resource surveys, the Ohio Genealogical Society ("OGS") cemetery inventory, and historic tax credit projects. One (1) OHI listed archeological resource has been previously inventoried within 0.5 miles of the Project area and is listed in Table 2.

Table 2. List of OHI Listed Archeological Resources

OHI Number	Present Name	Historic Use	County	Municipality
SUM01624	Maxam William House (Jackson Comfort System)	Single Dwelling	Summit	Twinsburg

The closest archeological resource to the proposed Project is approximately 0.75 miles away. There are no historical structural resources within 0.5 miles of the Project area. Three (3) previous archaeological resource surveys were conducted within 0.5 miles of the Project area and are listed in Table 3.

Table 3. Previous Cultural Resource Surveys

Year	Name	County	Municipality
1989	A Phase I and Phase II Archaeological Survey of the Proposed Chamberlin Substation, Twinsburg Township, Summit County, Ohio	Summit, Ohio	Twinsburg Township
2004	Phase I Archaeological Survey for the Proposed Twinsburg USARC Facility, Twinsburg Township, Summit County, Ohio	Summit, Ohio	Twinsburg
2014	Phase I Archaeological Survey for the Twinsburg West Wireless Cellular Tower in the City of Twinsburg, Summit County, Ohio	Summit, Ohio	Twinsburg

Based upon the results of the OHPO online database there are no historical or cultural resources within the proposed Project's disturbance area and no impacts are expected.

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

Table 4 shows the list of government agency requirements and the filing status at the time of filing.

Table 4. List of Government Agency Requirements to be Secured Prior to Construction

Agency	Permit Requirement	Status
Ohio EPA	General NPDES Construction Storm Water Permit	Obtained
Summit County Ohio Soil and Water Conservation District	General NPDES Construction Storm Water Permit	Obtained
Summit County, Ohio	Access Road Permit	Obtained
Summit County, Ohio	Heavy Haul Permit	Obtained
Norfolk and Southern Combined Railroad	Crossing Permit	Obtained

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

As part of the investigation for the application in Case No. 17-1481-EL-BLN, a request was submitted to the Ohio Department of Natural Resources-Division of Wildlife ("ONDR") on October 11, 2016 to research the presence of any endangered, threatened, or rare species within the project area. This Project is completely within the project area for Case No. 17-1481-EL-BLN and the information from ODNR is therefore applicable to this application.

The ONDR's response on December 5, 2016, attached as Exhibit 11, indicated that the Project is within the range of the state endangered Early Coral Root (Corallorhiza trifida) and state potentially threatened Fringed Gentian (Gentianopsis crinita) and Great Plain Ladies'-tresses (Spiranthes magnicamporum). No impacts to these species are expected due to the Project's location, the type of habitat at the Project site and within the vicinity of the Project area, and the type of work proposed.

United States Fish and Wildlife Services ("USFWS") correspondence dated October 12, 2016, attached as Exhibit 12, indicated that there is no federal wilderness area, wildlife refuges or designated critical habitat within the vicinity of the project area.

Both the responses from the ODNR and USFWS indicated that the Project is within the range of the federally endangered Indiana bat (*Myotis sodalis*) and the federally threatened northern long-eared bat (*Myotis septentrionalis*). Because no tree clearing is necessary to support the Project, no adverse impacts to these species are anticipated.

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

As part of the investigation for the application in Case No. 17-1481-EL-BLN, a request was submitted to the ODNR on October 11, 2016 to research the presence of any 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 using ODNR's Natural Heritage Database. This Project is completely within the project area for Case No. 17-1481-EL-BLN and the information from ODNR is therefore applicable to this application.

The ODNR's December 5, 2016 response, attached as Exhibit 11, indicated that there are four (4) local parks in the Project vicinity. There are three (3) parks managed by Metroparks Serving Summit County: Wood Hollow Metro Park, Maple Grove Conservation Area and TenBroek Conservation Area, and Hudson Spring Park managed by Hudson Township. No impacts are expected to these parks since they are all located one or more miles away from the Project at its closest points.

ATSI also hired AECOM to conduct a wetland delineation and stream assessment of the Project area for the application in Case No. 17-1481-EL-BLN. This Project is completely within the project area for Case No. 17-1481-EL-BLN and the information from AECOM is therefore applicable to this application. No structural encroachment to wetlands and streams is required to complete the Project. Construction activities will

be implemented in accordance with all relevant construction stormwater 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 Electric 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 Construction Notice application Transmittal and Availability For Public Review

This Construction Notice application is being provided concurrently to the following officials in the City Twinsburg, Summit County Ohio.

Summit County

The Honorable Ilene Shapiro Summit County Executive 175 South Main St. 8th Floor Akron, OH 44308

Mr. John Schmidt President of Council, Summit County 175 South Main Street, Ste.700 Akron, OH 44308

Ms. Paula Prentice Vice-President of Council, Summit County 175 South Main Street, Ste.700 Akron, OH 44308 Mr. Alan Brubaker, P.E., P.S. Summit County Engineer 538 E. South Street Akron, OH 44311

Ms. Kristen Scalise, CPA, CFE Fiscal Officer, Summit County 175 S. Main Street 4th Floor Akron, OH 44308

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9 Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project

City of Twinsburg

Mr. Ted Yates Mayor, City of Twinsburg 10075 Ravenna Road Twinsburg, OH 44087

Mr. Sam Scaffide President of Council, City of Twinsburg 10075 Ravenna Road Twinsburg, OH 44087 Ms. Amy Mohr City Engineer, City of Twinsburg 10075 Ravenna Road Twinsburg, OH 44087

Ms. Karen Howse Finance Director, City of Twinsburg 10075 Ravenna Road Twinsburg, OH 44087

<u>Libraries</u>

Ms. Laura Leonard, Library Director Twinsburg Public Library 10050 Ravenna Road Twinsburg, OH 44087

Copies of the transmittal letters to these officials have been included with this Construction Notice application to the Board, and are being provided to meet the requirement of OAC Rule 4906-6-07 (B) as proof of compliance with the notice requirement to local officials in OAC Rule 4906-6-07 (A)(1) and to libraries at OAC Rule 4906-6-07 (A)(2).

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

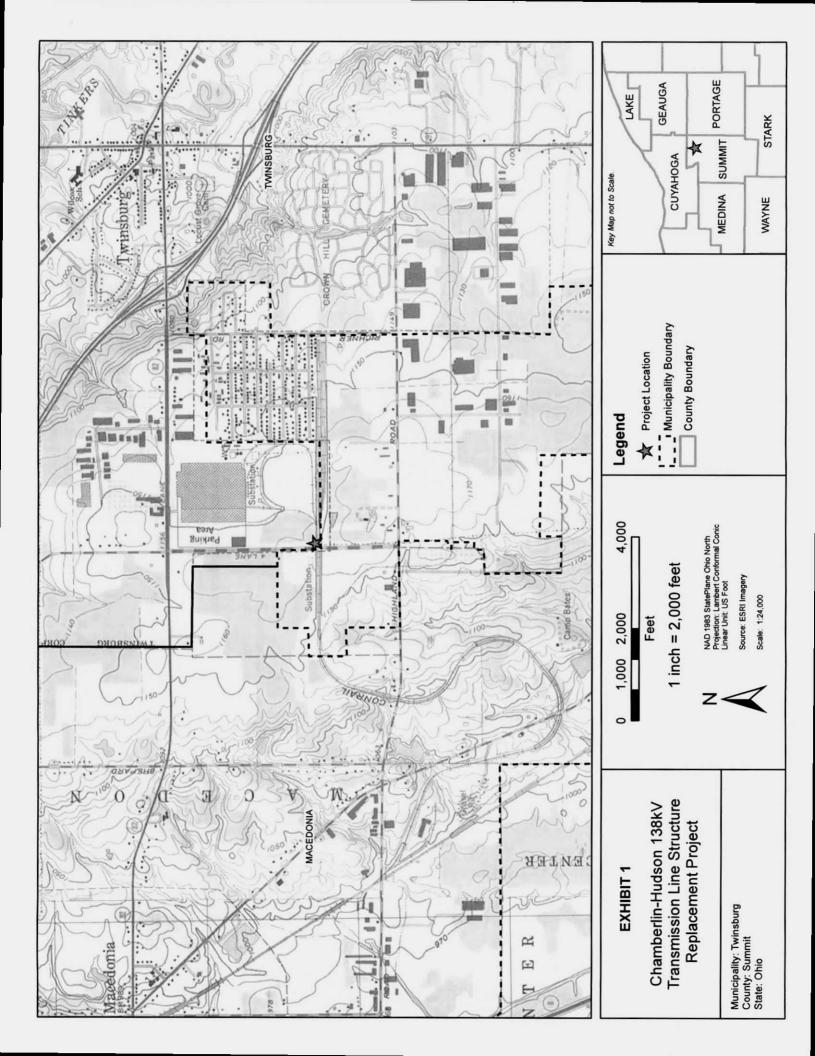
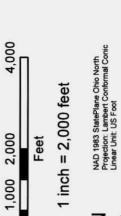




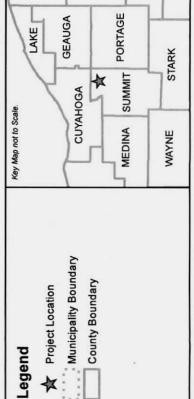
EXHIBIT 2

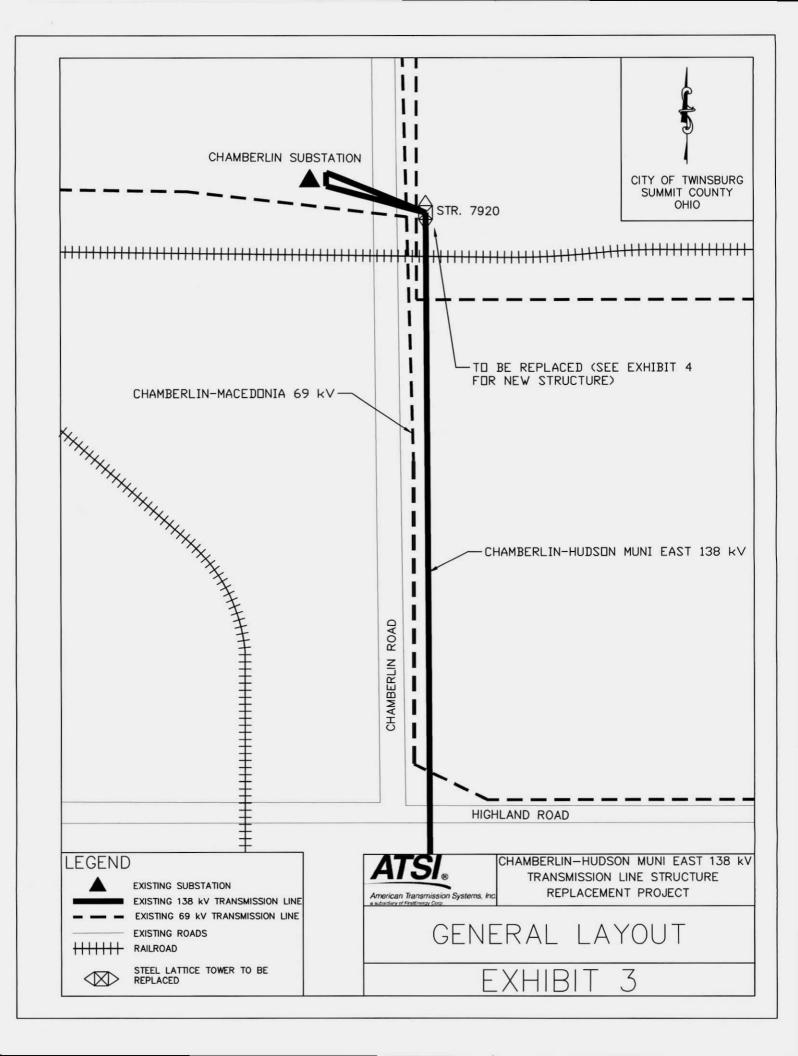
Chamberlin-Hudson 138kV Transmission Line Structure Replacement Project

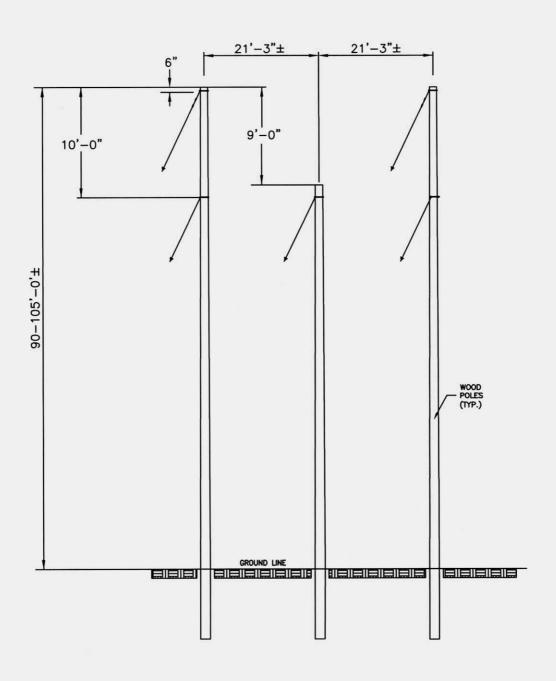
Municipality: Twinsburg County: Summit State: Ohio



Source: ESRI Imagery Scale: 1:24,000







ATSI ®

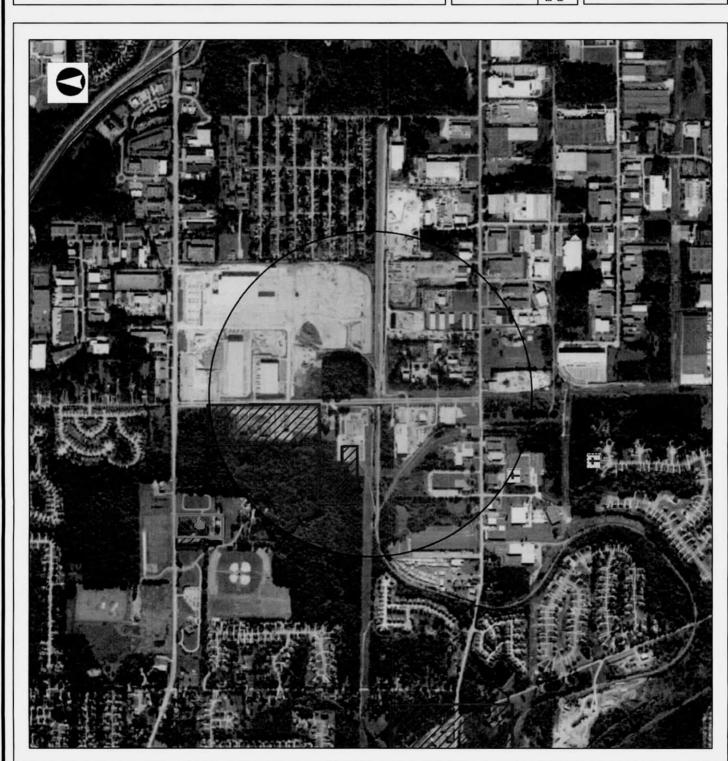
American Transmission Systems, Inc. a subscape of Frethington Corp.

CHAMBERLIN-HUDSON 138 kV TRANSMISSION LINE STRUCTURE REPLACEMENT PROJECT

138 kV SINGLE CIRCUIT DEAD END 3-POLE WOOD REPLACEMENT STRUCTURE

NOT TO SCALE

FXHIBIT 4





Legend

NR Listings

Listed
 National Historic Landmark
 Delisted

NR Determinations of Eligibi

Historic Structures Historic Bridges

Historic Tax Credit Projects

OGS Cemeteries

+ Confident

UTM Zone Split

NR Boundaries

Phase2 Phase1 100000

Historic Previously Surveyed Phase3

0.30

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This map is a user generated static output from an Internet mapping site and is for generaThis map is a user generated static output from an Internet mapping site and is for generate reterence only. Otala 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



EXHIBIT 6



Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

Office of Real Estate Paul R. Baldridge, Chief 2045 Morse Road – Bldg. E-2 Columbus, OH 43229

> Phone: (614) 265-6649 Fax: (614) 267-4764

December 5, 2016

Nataliya Bryksenkova FirstEnergy Corp. 76 South Main St. Akron, Ohio 44308

Re: 16-782; Chamberlin-Hudson Muni East 138 kV Transmission Line Rebuild Project

Project: The proposed project involves the replacement of approximately 52 structures of a transmission line for a distance of approximately 7 miles. The structures will be replaced within the existing maintained transmission right-of-way.

Location: The proposed project is located in the Cities of Twinsburg, Macedonia, and Hudson, Summit County, Ohio.

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.

Natural Heritage Database: The Natural Heritage Database has the following records at or within a one mile radius of the project area:

Early coral-root (Corallorhiza trifida), E
Fringed gentian (Gentianopsis crinita), P
Great plains ladies'-tresses (Spiranthes magnicamporum), P
Wood Hollow Metro Park – Metroparks Serving Summit Co.
Maple Grove Conservation Area – Metroparks Serving Summit Co.
TenBroeck Conservation Area – Metroparks Serving Summit Co.
Hudson Springs Park – Hudson Township

The review was performed on the project area specified in the request as well as an additional one mile radius. Records searched date from 1980. This information is provided to inform you of features present within your project area and vicinity.

Please note that Ohio has not been completely surveyed and we rely on receiving information from many sources. Therefore, a lack of records for any particular area is not a statement that rare

species or unique features are absent from that area. Although all types of plant communities have been surveyed, we only maintain records on the highest quality areas.

Statuses are defined as: E = state endangered; T = state threatened; P = state potentially threatened; SC = state species of concern; SI = state special interest; A = species recently added to state inventory, status not yet determined; X = presumed extirpated in Ohio; FE = federal endangered, FT = federal threatened, FSC = federal species of concern, FC = federal candidate species.

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

The DOW recommends that impacts to streams, wetlands and other water resources be avoided and minimized to the fullest extent possible, and that best management practices be utilized to minimize erosion and sedimentation.

The project is within the vicinity of records for the Indiana bat (Myotis sodalis), a state endangered and federally endangered species. Presence of the Indiana bat has been established in the area, and therefore additional summer surveys would not constitute presence/absence in the area. 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 roost trees consists of trees that include dead and dying trees with exfoliating bark, crevices, or cavities in upland areas or riparian corridors and living trees with exfoliating bark, cavities, or hollow areas formed from broken branches or tops. However, Indiana bats are also dependent on the forest structure surrounding roost trees. If suitable habitat occurs within the project area, the DOW recommends trees be conserved. If suitable habitat occurs within the project area and trees must be cut, the DOW recommends cutting occur between October 1 and March 31. If no tree removal is proposed, this project is not likely to impact this species.

The project is within the range of the Iowa darter (Etheostoma exile), a state endangered fish, the pugnose minnow (Opsopoeodus emiliae), a state endangered fish, the western banded killifish (Fundulus diaphanus menona), a state endangered fish, and the lake chubsucker (Erimyzon sucetta), a state threatened fish. The DOW recommends no in-water work in perennial streams from April 15 to June 30 to reduce impacts to indigenous aquatic species and their habitat. If no in-water work is proposed in a perennial stream, this project is not likely to impact these or other aquatic species.

The project is within the range of the spotted turtle (*Clemmys guttata*), a state threatened species. This species prefers fens, bogs and marshes, but also is known to inhabit wet prairies, meadows, pond edges, wet woods, and the shallow sluggish waters of small streams and ditches. Due to the location, the habitat at the project site and within the vicinity of the project area, and the type of work proposed, this project is not likely to impact this species.

The project is within the range of the American bittern (*Botaurus lentiginosus*), a state endangered bird. Nesting bitterns prefer large undisturbed wetlands that have scattered small pools amongst dense vegetation. They occasionally occupy bogs, large wet meadows, and dense shrubby swamps. If this type of habitat will be impacted, construction should be avoided in this

habitat during the species' nesting period of May 1 to July 31. If this type of habitat will not be impacted, this project is not likely to impact this species.

The project is within the range of the black bear (*Ursus americanus*), a state endangered species. Due to the mobility of this species, the project is not likely to impact this species.

Due to the potential of impacts to federally listed species, as well as to state listed species, we recommend that this project be coordinated with the U.S. Fish & Wildlife Service.

Water Resources: The Division of Water Resources has the following comment.

The local floodplain administrator should be contacted concerning the possible need for any floodplain permits or approvals for this project. Your local floodplain administrator contact information can be found at the website below.

http://water.ohiodnr.gov/water-use-planning/floodplain-management#PUB

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

John Kessler ODNR Office of Real Estate 2045 Morse Road, Building E-2 Columbus, Ohio 43229-6693 John.Kessler@dnr.state.oh.us

Bryksenkova, Nataliya

From: Seymour, Megan <megan_seymour@fws.gov>

Sent: Wednesday, October 12, 2016 11:50 AM

To: Bryksenkova, Nataliya

Cc: Reardon, Nathan; Kate Parsons

Subject: *EXTERNAL* Chamberlin-Hudson Muni East 138kV Transmission Line Rebuild, Summit

Co., OH



UNITED STATES DEPARTMENT OF THE INTERIOR
U.S. Fish and Wildlife Service
Ecological Services Office
4625 Morse Road, Suite 104
Columbus, Ohio 43230
(614) 416-8993 / Fax (614) 416-8994



TAILS# 03E15000-2017-TA-0022

Dear Ms. Bryksenkova:

We have received your recent correspondence requesting information about the subject proposal. There are no federal wilderness areas, wildlife refuges or designated critical habitat within the vicinity of the project area. The following comments and recommendations will assist you in fulfilling the requirements for consultation under section 7 of the Endangered Species Act of 1973, as amended (ESA).

The U.S. Fish and Wildlife Service (Service) recommends that proposed developments avoid and minimize water quality impacts and impacts to high quality fish and wildlife habitat (e.g., forests, streams, wetlands). Additionally, natural buffers around streams and wetlands should be preserved to enhance beneficial functions. If streams or wetlands will be impacted, the Corps of Engineers should be contacted to determine whether a Clean Water Act section 404 permit is required. Best management practices should be used to minimize erosion, especially on slopes. All disturbed areas should be mulched and revegetated with native plant species. Prevention of non-native, invasive plant establishment is critical in maintaining high quality habitats.

FEDERALLY LISTED SPECIES COMMENTS: All projects in the State of Ohio lie within the range of the federally endangered Indiana bat (Myotis sodalis) and the federally threatened northern long-eared bat (Myotis septentrionalis). In Ohio, presence of the Indiana bat and northern long-eared bat is assumed wherever suitable habitat occurs unless a presence/absence survey has been performed to document absence. Suitable summer habitat for Indiana bats and northern long-eared bats consists of a wide variety of forested/wooded habitats where they roost, forage, and travel and may also include some adjacent and interspersed non-forested

habitats such as emergent wetlands and adjacent edges of agricultural fields, old fields and pastures. This includes forests and woodlots containing potential roosts (i.e., live trees and/or snags ≥3 inches diameter at breast height (dbh) that have any exfoliating bark, cracks, crevices, hollows and/or cavities), as well as linear features such as fencerows, riparian forests, and other wooded corridors. These wooded areas may be dense or loose aggregates of trees with variable amounts of canopy closure. Individual trees may be considered suitable habitat when they exhibit the characteristics of a potential roost tree and are located within 1,000 feet (305 meters) of other forested/wooded habitat. Northern long-eared bats have also been observed roosting in human-made structures, such as buildings, barns, bridges, and bat houses; therefore, these structures should also be considered potential summer habitat. In the winter, Indiana bats and northern long-eared bats hibernate in caves and abandoned mines.

The proposed project is in the vicinity of one or more confirmed records of Indiana bats. The project lies within approximately two miles of the City of Twinsburg's Liberty Park, an area known to support Indiana bats and northern long-eared bats. Liberty Park has caves where northern long-eared bats are known to fall swarm and hibernate, and Indiana bats are known to fall swarm and suspected to hibernate. Within a five-mile radius of a hibernaculum, data indicate that Indiana bats are present year-round. Suitable habitat (as defined above) within the five-mile radius is especially important for fall swarming and spring staging activities. During swarming, Indiana bats and northern long-eared bats move in and out of hibernacula from dusk to dawn with most continuing to roost in trees during the day. Swarming is a critical time period for bats for breeding and increasing winter fat storage for hibernation. Spring staging is a stressful period for bats because their fat reserves are low from their recent hibernation, food resources in the surrounding environment are still scarce, and their upcoming migration to summer habitat may be hazardous. Records exist for both northern long-eared bat and Indiana bat maternity colonies in close proximity to the project area indicating that these species are present nearby and may be using the project area during the summer. Female Indiana bats and northern long-eared bats exhibit strong site fidelity to summer roosting and foraging areas, meaning that they return to the same area to roost, year after year.

We strongly recommend that trees ≥3 inches dbh be saved wherever possible. Because we understand that the project is planned to occur within the existing, cleared right-of-way, it is unlikely that much tree clearing will occur and thus, habitat removal is unlikely to result in significant impacts to these species. However, since Indiana bat presence in the vicinity of the project has been confirmed, clearing of trees ≥3 inches dbh during the spring, summer, or fall active seasons may result in direct take of individuals. Thus, we recommend that removal of any trees ≥3 inches dbh only occur between November 15 and March 15. Following this seasonal tree clearing recommendation should ensure that any effects to Indiana bats and northern long-eared bats are insignificant or discountable. Please note that, because Indiana bat presence has already been confirmed in the project vicinity, any additional summer surveys would not constitute presence/absence surveys for this species.

If there is a federal nexus for the project (e.g., federal funding provided, federal permits required to construct), no tree clearing should occur on any portion of the project area until consultation under section 7 of the ESA, between the Service and the federal action agency, is completed. We recommend that the federal action agency submit a determination of effects to this office, relative to the Indiana bat and northern long-eared bat, for our review and concurrence.

Due to the project type, size, and location, we do not anticipate adverse effects to any other federally endangered, threatened, proposed, or candidate species. Should the project design change, or during the term of this action, additional information on listed or proposed species or their critical habitat become available, or if new information reveals effects of the action that were not previously considered, consultation with the Service should be initiated to assess any potential impacts.

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 ESA, and are consistent with the intent of the National Environmental Policy Act of 1969 and the Service's Mitigation Policy. This letter provides technical assistance only and does not serve as a completed section 7 consultation document. We recommend that the project be coordinated with the Ohio Department of Natural Resources due to the potential for the project to affect state listed species and/or state lands. Contact John Kessler, Environmental Services Administrator, at (614) 265-6621 or at john.kessler@dnr.state.oh.us.

If you have questions, or if we can be of further assistance in this matter, please contact our office at (614) 416-8993 or ohio@fws.gov.

Sincerely,

Dan Everson

Field Supervisor

Wildlife Biologist
U.S. Fish and Wildlife Service, 4625 Morse Rd., Suite 104, Columbus, OH 43230 (614) 416-8993 ext 16, (614) 416-8994 fax

2017 DEC -5 AM 11:31

PUCO

1-800-646-0400

December 4, 2017

Ms. Barcy F. McNeal Docketing Division The Public Utilities Commission of Ohio 180 East Broad Street Columbus, OH 43215-3793

Construction Notice Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project Case No. 17-2444-EL-BNR

Dear Ms. McNeal:

In accordance with Ohio Administrative Code ("OAC") Rule 4906-2-04(A)(3) and OAC Chapter 4906-6, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, transmits one (1) original and eleven (11) copies of the Construction Notice application for the above captioned Project.

In this Project, ATSI proposes to replace existing steel lattice tower, Structure No. 7920, with a 3-pole wood deadend structure on the existing Chamberlin-Hudson Muni East 138 kV Transmission Line. The existing structure is being replaced due to deterioration and its inability to support new conductor. The new conductor is being installed as part of the Chamberlin-Hudson Muni East 138 kV Transmission Line Rebuild Project, OPSB Case No. 17-1481-EL-BLN, which was approved on August 1, 2017 and is currently under construction. The Project will be located in the City of Twinsburg, Summit County, Ohio.

Pursuant to OAC Rule 4906-2-04(A)(3), please be advised of the following:

a) Name and address of the applicants:

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

b) Name and location of proposed facilities:

Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project.

The Project area is located in an existing transmission corridor in the City of Twinsburg, Summit County, Ohio

c) Applicant's representative:

Nataliya Bryksenkova Engineer Energy Delivery Transmission and Substation Design FirstEnergy Service Company 76 South Main Street Akron, OH 44308-1890

- d) Due to the nature of this Project, a pre-application letter was not required.
- e) A notarized statement that the information contained in the Construction Notice application is complete and accurate to the best of my information and belief is enclosed as Attachment 1 to this letter.

We have provided a copy of this Construction Notice application by certified mail, with return receipt requested, to officials of the political subdivisions immediately affected by the proposed project as listed in the attached Exhibit 1 of this letter. Copies of the transmittal letters addressed to the local government representatives of the City of Twinsburg and Summit County are enclosed for your file. In addition to the local officials, this Construction Notice application is being provided to the libraries listed in Exhibit 1 as well. These materials are being provided as proof of compliance with OAC Rule 4906-6-07. This is being provided as proof of compliance with OAC Rule 4906-6-08(B).

After docketing this filing, please return one time-stamped copy of the Construction Notice application for our records in the enclosed envelope. Should staff of the Ohio Power Siting Board desire further information or discussion of this submittal, please contact me at (330) 761-4473.

Sincerely,

Nataliya Bryksenkova

Engineer

Energy Delivery

Natal Bur

Transmission and Substation Design

FirstEnergy Service Company

Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project Case Number 17-2444-EL-BNR

Date: December 4, 2017

Attachment 1 Affidavit of Nataliya Bryksenkova MITOEC-5 MIN:31

BEFORE THE OHIO POWER SITING BOARD

In the Matter Of: The Application of American Transmission Systems, Incorporated for a Certificate of Environmental Compatibility and Public Need for the Construction of the Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project)) Case No. 17-2444-EL-BNR)))
AFFIDAVIT OF NA	TALIYA BRYKSENKOVA
I, Nataliya Bryksenkova, state the following:	
	Rule 4906-2-04(A)(3)(e), I am the authorized and I affirm that the Construction Notice application best of my information and belief.
	Nataliya Bryksenkova
	FirstEnergy Service Company
State of Ohio) ss: County of Summit)	

Sworn and subscribed before me this 4th day of December 2017.

Notary Public

Terese M. Miller
Resident Summit County
Hotary Public, State of Ohio
My Commission Expires: 04/07/2020

EXHIBIT 1

Officials Served Copy of Construction Notice Chamberlin-Hudson 138 kV Transmission Line Structure Replacement Project Case No. 17-2444-EL-BNR

Summit County

The Honorable Ilene Shapiro Summit County Executive 175 South Main St. 8th Floor Akron, OH 44308

Mr. John Schmidt President of Council, Summit County 175 South Main Street, Ste.700 Akron, OH 44308

Ms. Paula Prentice Vice-President of Council, Summit County 175 South Main Street, Ste.700 Akron, OH 44308 Mr. Alan Brubaker, P.E., P.S. Summit County Engineer 538 E. South Street Akron, OH 44311

Ms. Kristen Scalise, CPA, CFE Fiscal Officer, Summit County 175 S. Main Street 4th Floor Akron, OH 44308

City of Twinsburg

Mr. Ted Yates Mayor, City of Twinsburg 10075 Ravenna Road Twinsburg, OH 44087

Mr. Sam Scaffide President of Council, City of Twinsburg 10075 Ravenna Road Twinsburg, OH 44087

Libraries

Ms. Laura Leonard, Library Director Twinsburg Public Library 10050 Ravenna Road Twinsburg, OH 44087 Ms. Amy Mohr City Engineer, City of Twinsburg 10075 Ravenna Road Twinsburg, OH 44087

Ms. Karen Howse Finance Director, City of Twinsburg 10075 Ravenna Road Twinsburg, OH 44087



December 4, 2017

The Honorable Ilene Shapiro **Summit County Executive** 175 South Main St. 8th Floor Akron, OH 44308

Construction Natice Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project Case No. 17-2444-EL-BNR

Dear Ms. Shapiro,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has recently proposed a Project to the Ohio Power Siting Board (OPSB") that involves the replacement of existing steel lattice tower, Structure No. 7920, with a 3-pole wood deadend structure on the existing Chamberlin-Hudson Muni East 138 kV Transmission Line. The existing structure is being replaced due to deterioration and its inability to support new conductor. The new conductor is being installed as part of the Chamberlin-Hudson Muni East 138 kV Transmission Line Rebuild Project, OPSB Case No. 17-1481-EL-BLN, which was approved by the OPSB on August 1, 2017, and is currently under construction. The Project will be located in the City of Twinsburg, Summit County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the OPSB's requirements for a Construction Notice application ("CN"). Therefore, in compliance with OAC Rule 4906-6, we have prepared and filed the attached CN with the OPSB for their review and approval. The CN contains a description of the Project, and is provided for your information.

RECEIVED BOCKETING BIV I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4473.

Sincerely,

Nataliya Bryksenkova

Notel Bun

Engineer

Energy Delivery

Transmission & Substation Design FirstEnergy Service Company



December 4, 2017

Mr. Ron Koehler, President of Council, Summit County 175 South Main Street, Ste. 700 Akron, OH 44308

Construction Notice Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project Case No. 17-2444-EL-BNR

Dear Mr. Koehler,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has recently proposed a Project to the Ohio Power Siting Board (OPSB") that involves the replacement of existing steel lattice tower, Structure No. 7920, with a 3-pole wood deadend structure on the existing Chamberlin-Hudson Muni East 138 kV Transmission Line. The existing structure is being replaced due to deterioration and its inability to support new conductor. The new conductor is being installed as part of the Chamberlin-Hudson Muni East 138 kV Transmission Line Rebuild Project, OPSB Case No. 17-1481-EL-BLN, which was approved by the OPSB on August 1, 2017, and is currently under construction. The Project will be located in the City of Twinsburg, Summit County, Ohio.

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Sincerely,

Nataliya Bryksenkova

Nath Bur

Engineer

Energy Delivery

Transmission & Substation Design FirstEnergy Service Company



1-800-846-0400

December 4, 2017

Mr. John Schmidt Vice President of Council, **Summit County** 175 South Main Street, Ste.700 Akron, OH 44308

Construction Notice Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project Case No. 17-2444-EL-BNR

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Sincerely,

Nataliya Bryksenkova

Notel Bur

Engineer

Energy Delivery

Transmission & Substation Design

FirstEnergy Service Company



December 4, 2017

Mr. Alan Brubaker, P.E., P.S. Summit County Engineer 538 E. South Street Akron, OH 44311

Construction Notice Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project Case No. 17-2444-EL-BNR

Dear Mr. Brubaker,

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Sincerely,

Nataliya Bryksenkova

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Engineer

Energy Delivery

Transmission & Substation Design FirstEnergy Service Company



December 4, 2017

Ms. Kristen Scalise, CPA, CFE Fiscal Officer, Summit County 175 S. Main Street 4th Floor Akron, OH 44308

Construction Notice Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project Case No. 17-2444-EL-BNR

Dear Ms. Scalise,

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Sincerely,

Nataliya Bryksenkova

Natol. Bur

Engineer

Energy Delivery

Transmission & Substation Design

FirstEnergy Service Company



December 4, 2017

Mr. Ted Yates Mayor, City of Twinsburg 10075 Ravenna Road Twinsburg, OH 44087

Construction Notice Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project Case No. 17-2444-EL-BNR

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Sincerely,

Nataliya Bryksenkova

Natol Bur

Engineer

Energy Delivery

Transmission & Substation Design FirstEnergy Service Company



December 4, 2017

Mr. Sam Scaffide President of Council, City of Twinsburg 10075 Ravenna Road Twinsburg, OH 44087

Construction Notice Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project Case No. 17-2444-EL-BNR

Dear Mr. Scaffide,

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Sincerely,

Nataliya Bryksenkova

Nath Bur

Engineer

Energy Delivery

Transmission & Substation Design FirstEnergy Service Company



December 4, 2017

Ms. Amy Mohr City Engineer, City of Twinsburg 10075 Ravenna Road Twinsburg, OH 44087

Construction Notice Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project Case No. 17-2444-EL-BNR

Dear Ms. Mohr,

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Sincerely,

Nataliya Bryksenkova

Nath Bur

Engineer

Energy Delivery

Transmission & Substation Design

FirstEnergy Service Company



December 4, 2017

Ms. Karen Howse Finance Director, City of Twinsburg 10075 Ravenna Road Twinsburg, OH 44087

Construction Notice Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project Case No. 17-2444-EL-BNR

Dear Ms. Howse,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has recently proposed a Project to the Ohio Power Siting Board (OPSB") that involves the replacement of existing steel lattice tower, Structure No. 7920, with a 3-pole wood deadend structure on the existing Chamberlin-Hudson Muni East 138 kV Transmission Line. The existing structure is being replaced due to deterioration and its inability to support new conductor. The new conductor is being installed as part of the Chamberlin-Hudson Muni East 138 kV Transmission Line Rebuild Project, OPSB Case No. 17-1481-EL-BLN, which was approved by the OPSB on August 1, 2017, and is currently under construction. The Project will be located in the City of Twinsburg, Summit County, Ohio.

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Sincerely,

Nataliya Bryksenkova

Notel Bur.

Engineer

Energy Delivery

Transmission & Substation Design FirstEnergy Service Company



December 4, 2017

Ms. Laura Leonard, Library Director Twinsburg Public Library 10050 Ravenna Road Twinsburg, OH 44087

Construction Notice Chamberlin-Hudson Muni East 138 kV Transmission Line Structure Replacement Project Case No. 17-2444-EL-BNR

Dear Ms. Leonard,

Enclosed please find one copy of the Construction Notice application ("CN") of American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, for a certificate to construct operate, and maintain the above named electric transmission line facility that has been filed with the Ohio Power Siting Board ("OPSB"). Please make the CN available for public reference in the Twinsburg Public Library. We are providing a copy of the CN pursuant to Ohio Administrative Code ("OAC") Rule 4906-5-06, which requires us to place a copy of the CN in the main public libraries of the political subdivisions in which any portion of the Project is to be located.

As described in the application, the Project proposes to replace existing steel lattice tower, Structure No. 7920, with a 3-pole wood deadend structure on the existing Chamberlin-Hudson Muni East 138 kV Transmission Line. The existing structure is being replaced due to deterioration and its inability to support new conductor. The new conductor is being installed as part of the Chamberlin-Hudson Muni East 138 kV Transmission Line Rebuild Project, OPSB Case No. 17-1481-EL-BLN with was approved by the OPSB on August 1, 2017 and is currently under construction. The Project will be located in the City of Twinsburg, Summit County, Ohio.

Please feel free to call me with any question you have on making the CN application available to your patrons. My phone number is (330) 761-4473.

Sincerely,

Nataliya Bryksenkova

Natol. Bur

Engineer

Energy Delivery

Transmission and Substation Design

FirstEnergy Service Company