

c) Location of proposed facilities:

The Project area is located in an existing transmission corridor extending in the Township of Troy, Wood County, Ohio.

d) Description of proposed facilities:

The Project involves reconductoring an approximately 2.8 mile long segment of one circuit of the double circuit Bayshore-Maclean-Lemoyne 138 kV Transmission Line. This will be accomplished by replacing the existing conductors of the circuit located on the south side of the existing transmission structures on one line segment from Walbridge Junction to the Maclean Substation with a new conductor in its place. Additionally, to support the new conductor, intermediate two-pole wood structures will be placed in between each existing steel lattice tower from the Maclean Substation to Walbridge Junction.

e) Applicant's representative:

Scott M. Humphrys
Associate Distribution Specialist
Energy Delivery Transmission and Substation Design
FirstEnergy Service Company
76 South Main Street
Akron, OH 44308-1890

After docketing this filing, please return one time-stamped copy of the Letter of Notification for our records to us in the enclosed envelope. We have provided a copy of the Letter of Notification by certified mail, with return receipt requested, to each official of the political subdivisions immediately affected by the proposed project as listed in the attached Exhibit 1. Copies of the transmittal letters addressed to the local government representatives of the Township of Troy and Wood County are enclosed for your file.

Should staff of the Ohio Power Siting Board desire further information or discussion of this submittal, please contact me at (330) 384-2526.

Sincerely,



Scott M. Humphrys
Associate Distribution Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachments

RECEIVED-DOCKETING DIV
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PUCO

AMERICAN TRANSMISSION SYSTEMS, INCORPORATED
A Subsidiary of FirstEnergy Corp.

LETTER OF NOTIFICATION

BAYSHORE-MACLEAN-LEMOYNE 138kV

**TRANSMISSION LINE RECONDUCTORING AND
INTERMEDIATE STRUCTURE PLACEMENT PROJECT**

OPSB CASE NO. 10- 1149 -EL-BLN

August 13, 2010

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

**LETTER OF NOTIFICATION
BAYSHORE-MACLEAN-LEMOYNE 138kV
TRANSMISSION LINE RECONDUCTORING AND
INTERMEDIATE POLE PLACEMENT**

The following information is being provided in accordance with the procedures delineated in Ohio Administrative Code Section 4906-11-01: Letter of Notification Requirements of the Rules and Regulations of the Ohio Power Siting Board.

4906-11-01 (B): Need Statement

4906-11-01 (B) (1) a : Name and Reference Number

Name of Project: Bayshore-Maclean-Lemoyne 138 kV Transmission Line
Reconductoring and Intermediate Pole Placement Project
("Project")

2010 LTFR Reference: This project is identified in the FirstEnergy Corp. 2010 Long-Term Forecast Report (LTFR) submitted to the Public Utility Commission of Ohio in Case Number 10-504-EL-FOR.

4906-11-01 (B) (1) b : Brief Description of Project

In this Project, American Transmission Systems, Incorporated ("ATSP"), a FirstEnergy Corp. subsidiary, is proposing to reconductor an approximately 2.8 mile long segment of one circuit of the double circuit Bayshore-Maclean-Lemoyne 138 kV Transmission Line. This will be accomplished by replacing the existing conductors of the circuit located on the south side of the existing transmission structures on one line segment from Walbridge Junction to the Maclean Substation with a new conductor in its place. Exhibits 1-3 show the General Location and General Layout of the Bayshore-Maclean-Lemoyne 138 kV transmission line and Wallbridge Junction.

The reconductoring work will involve replacing approximately 2.8 miles of 636 kcmil 26/7 ACSR conductor with 954 kcmil ACSS conductor. Intermediate two-pole wood

structures will be installed, to support the new conductor, in between each existing steel lattice tower from the Maclean Substation to Walbridge Junction, as shown in Exhibit 4. The details of the two-pole structures are provided in Exhibit 5.

The reconductoring process will also include the reconfiguration of the double circuit Bayshore-Maclean-Lemoyne 138 kV Transmission Line from a 3-terminal configuration to three (3) 2-terminal lines. This will create the Bayshore-Maclean, Lemoyne-Maclean and Bayshore-Lemoyne 138 kV Transmission Line circuits. This will be accomplished by reconfiguring the transmission line connections on the existing transmission line structure at Walbridge Junction as shown in Exhibits 2 and 3.

On August 27, 2008, ATSI submitted a Construction Notice to the Ohio Power Siting Board in Case Number 08-1028-EL-BNR for the Bayshore-Maclean-Lemoyne 138 kV Transmission Line Reconductoring Project. That project proposed installing a smaller conductor (477 kcmil ACSS/TW) on the same segment of the existing transmission line. Upon approval of this Letter of Notification, this Project will replace that proposal.

The Project is located in Troy Township, Wood County, Ohio. The existing and reconducted Transmission Line, along with the placement of the intermediate poles will be owned and operated by ATSI.

4906-11-01 (B) (1) c : Why the Project Meets the Requirements for a Letter of Notification

The project meets the requirements for a Letter of Notification because the project is within the types of project defined by Item (3) and (4) (a) of the Application Requirement Matrix for Electric Power Transmission Lines in Appendix A of 4906-1-01 of the Ohio Administrative Code. Appendix A provides:

- (3) Replacing conductors on existing structures with larger or bundled conductors.*

And

- (4) Replacing electric power transmission line structure(s) with a different type of structure(s) or adding structure(s) within an existing electric power transmission line and:*

(a) Two miles or less of new right-of-way is required.

The proposed Project replaces approximately 2.8 miles of the south circuit on the towers of the existing double circuit tower transmission line with new conductors with a larger capacity and places intermediate structures between every existing structure requiring less than two miles of new right-of-way.

4906-11-01 (B) (2): Need for the Project

Based on 2006 loads, the NERC category B outage of Bayshore-Lemoyne-Maclean (Q-5) results in loadings on Wallbridge Junction-Maclean 13202 of 123% of SN (241MVA) and 101% of SE (292MVA). The 101% of SE loading grows to 115% in study year 2014. By reconductoring the proposed segment of the Bayshore-Maclean-Lemoyne 138kV transmission line, and by reconfiguring from two 3-terminal lines to three 2-terminal lines, contingency overloads can be mitigated and reliability can be improved by minimizing overtrippings and simplifying switching.

4906-11-01 (B) (3): Location Relative to Existing or Proposed Lines

The location of the Project relative to existing or proposed transmission lines is shown in the FirstEnergy System Facilities map, included as the last page of Chapter 3 of the confidential portion of the FirstEnergy Corp. 2010 Long-Term Forecast Report. This map was submitted to the PUCO in case no. 10-504-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 location of the Bayshore-Maclean-Lemoyne 138 kV transmission line. The project area is located approximately 4 ¼ inches (11 by 17 inch printed version) from the left edge of the map box and 7 ¼ inches (11 by 17 inch

printed version) from the bottom of the map box. The general location of the Project is shown on Exhibit 1. The general layout of the Project is shown in Exhibits 2 and 3.

4906-11-01 (B) (4): Alternatives Considered

The alternative considered was to install dual primary relaying on both 3-terminal lines and to reconnector the Walbridge Junction–Maclean line segment. By doing so, it was determined that this solution would result in overtrippings, switching errors and contingency overloads. The proposed Project was identified as a necessary modification to ATSI's transmission system.

4906-11-01 (B) (5): Construction Schedule

Construction on the project is expected to begin as early as January 1, 2011 and be completed by May 31, 2011.

4906-11-01 (B) (6): Area Map

Exhibit No. 1 depicts the General Project Location. To locate and view the project site from the Columbus, Ohio area, travel north on I-71 toward Cleveland approximately 10.1 miles. Take exit 119 to merge onto I-270 west toward Dayton approximately 2.2 miles. Take exit 23 for US-23 north toward Delaware for half of a mile. Merge onto North High Street/US-23 and continue to follow US-23 approximately 58.5 miles. Turn slightly right at US-23 north and proceed approximately 7.5 miles and continue on OH-15 west for 17 miles. Merge onto I-75 north /OH-15 west via the ramp to Toledo and continue to follow I-75 north approximately 38.2 miles. Take exit 195 for OH-795 toward Perrysburg and turn right at Ave Road/OH-785 east. Continue to follow OH-795 east approximately 7.0 miles and turn left at Pemberville Road. Proceed approximately 1.8 miles and the Walbridge Junction should be to the east of the railroad tracks.

4906-11-01 (B) (7): Property Owner List

Exhibit 6 contains a list of properties where the necessary easements, options or other land use agreements necessary to construct and operate the facility exist. Exhibit 6 also lists properties where such agreements have not yet been obtained.

4906-11-01 (C): Technical Features of the Project

4906-11-01 (C) (1): Operating Characteristics

The reconductored Transmission Line will have the following characteristics:

Voltage:	138 kV
Conductors:	
Existing – to be removed (South Circuit)	636 kcmil 26/7 ACSR
Existing – to remain (North Circuit)	1024.5 kcmil 24/13 ACAR
New – to be installed (South Circuit)	954 kcmil ACSS
Static wire:	
Existing – to remain	7#8 Alumoweld
Insulators: (South Circuit and New structures)	138 kV polymer horizontal post or suspension insulators
New Structures:	Exhibit 4- Two pole intermediate structures

The proposed Project will be located on the existing transmission line right-of-way with minimal new right-of-way to be acquired.

4906-11-01 (C) (2) a: Calculated Electric and Magnetic Fields

The following table itemizes the line loading of both the north and south circuits of the Bayshore-Maclean-Lemoyne 138 kV transmission line as well as the Genoa-Maclean 69 kV line that parallels the 138 kV line. The normal line loading represents FirstEnergy's peak system load for the transmission lines. The emergency line loading represent the maximum line loading under contingency operation. The winter rating is based on the continuous maximum conductor ratings (MCR) of the circuits and an ambient temperature of zero degrees centigrade (32 deg. F), wind speed of 1.3 miles per hour, and a circuit design operating temperature of 100 degrees centigrade (212 deg. F).

Line Name	Normal Loading Amps	Emergency Loading Amps	Winter Rating Amps
Maclean-Lemoyne 138 kV Transmission Line (South Circuit)	927	1452	2083
Lemoyne-Maclean 138 kV Transmission Line (North Circuit)	568	996	1414
Genoa-Maclean 69 kV	116	305	602

The following EMF calculations were performed using the EPRI EXPOCALC program software. This program software assumes the input transmission line configuration is located on flat terrain. Also, a balanced, three-phase circuit loading is assumed for the transmission circuit. The calculations are based on a model of the south circuit of the Bayshore-Maclean-Lemoyne 138 kV Transmission Line representing the existing steel lattice towers and the intermediate steel pole structures. The model is based on a 160-foot wide right-of-way and a minimum conductor ground clearance of 21-feet 7-inches and includes the nearby 69 kV circuit.

EMF CALCULATIONS		Electric Field kV/meter	Magnet Field mGauss
Normal Loading	Under Lowest Conductors	0.37	21.74
	At Right-of-Way Edges	0.06	2.55
Emergency Loading	Under Lowest Conductors	0.37	30.89
	At Right-of-Way Edges	0.06	7.76
Winter Rating	Under Lowest Conductors	0.37	44.01
	At Right-of-Way Edges	0.06	16.15

4906-11-01 (C) (2) b: EMF Discussion

Background Information

Electric and magnetic fields (EMFs) are naturally occurring in the environment and can be found in the Earth's interior and in the human body. EMFs are generated essentially anywhere where there is a flow of electricity, including electrical appliances and power equipment. Electric fields are associated with the voltage of the source; magnetic fields are associated with the flow of current in a wire. The strength

of these fields decreases rapidly with distance from the source. EMFs associated with electricity use are not disruptive to cells like x-rays or ultraviolet rays from the sun. EMF fields are thought to be too weak to break molecules or chemical bonds in cells. Scientists have conducted extensive research over the past two decades to determine whether EMFs are associated with adverse health effects, and although the research and debate of this issue continues, at this time there is no firm basis to conclude that EMFs cause adverse health effects. A number of independent scientific panels have reviewed the research and have stated that there is no basis to conclude that EMFs cause adverse health effects nor has it been shown that levels in everyday life are harmful.

Recent Developments

As a part of the National Energy Policy Act of 1992, the Electric and Magnetic Fields Research and Public Information Dissemination (EMF RAPID) program was initiated within the five-year effort under the National EMF Research Program. The culmination of this five-year effort resulted in a final RAPID Working Group report, which was released for public review in August 1998. The Director of the National Institutes of Environmental Health Sciences (NIEHS) then prepared a final report to Congress after receiving public comments. The NIEHS' Director's final report, released to Congress on May 4, 1999, concluded that extremely low frequency electric and magnetic fields (ELF-EMF) exposure cannot be recognized at this time as entirely safe because of weak scientific evidence that exposure may pose a leukemia hazard. The Director further stated that the conclusion of this report is insufficient to warrant aggressive regulatory concern.

Sources for Additional Information

The following websites sponsored by federal agencies or other organizations provide additional information on EMF:

- Centers for Disease Control/National Institute for Occupational Safety and Health: <http://www.cdc.gov/niosh/topics/emf/>

- National Institute of Environmental Health Sciences (NIEHS) EMF Rapid Program: <http://www.niehs.nih.gov/health/topics/agents/emf/>

4906-11-01 (C) (3): Estimated Costs

The following are the estimated capital costs by FERC Accounts for the proposed project:

Account	Cost
350 Land Rights, Engineering, etc.	\$ 42,000
355 Poles and Fixtures	\$ 199,000
356 Overhead Conductors & Devices	\$ 410,000
<u>Removal</u>	<u>\$ 24,000</u>
Total	\$ 675,000

4906-11-01 D: Socioeconomic Data

4906-11-01 (D) (1): Land Use

The proposed project is located in Troy Township, Wood County, Ohio. Land use in the area is dominated by agricultural production. Other land uses in the area of the project include commercial areas primarily along roadways, wooded areas and a residential area in the vicinity of the Maclean Substation. As the proposed Project involves replacing the existing conductors of the Transmission Line, no significant changes or impacts to the current land use is anticipated.

4906-11-01 (D) (2): Agricultural Land

Agricultural land use exists throughout the area of the project. Because overhead electric transmission lines largely pass above agricultural land use, they are generally compatible with agricultural land use. No significant changes or impacts to the agricultural land use are anticipated.

4906-11-01 (D) (3): Archaeological or Cultural Resources

The existing transmission line is located in an existing transmission line corridor in close proximity to preexisting transmission line structures. Given the nature of the project, it is unlikely that any archaeological or cultural resources would be disturbed by the limited nature of reconductoring the transmission line.

As part of ATSI's investigation of the project site, a search of the Ohio Historic Preservation Office (OHPO) National Register of Historic Places on-line database was conducted and did not identify the existence of any historic sites within the project area. The OHPO database includes all Ohio listings on the National Register of Historic Places, including districts, sites, buildings, structures, and objects that are significant in American history, architecture, archeology, engineering, and culture.

4906-11-01 (D) (4) a: Documentation of Letter of Notification Transmittal

This Letter of Notification is being provided concurrently to the following officials of Troy Township, Wood County, Ohio.

Troy Township

Mr. Matthew Brinker
Trustee, Troy Township
311 Krotzer Avenue
P. O. Box 128
Luckey, OH 43443

Mr. Ken Recker
Trustee, Troy Township
311 Krotzer Avenue
P. O. Box 128
Luckey, OH 43443

Mr. Steven Levorchick
Trustee, Troy Township
311 Krotzer Avenue
P. O. Box 128
Luckey, OH 43443

Ms. Linda Biniker
Fiscal Officer, Troy Township
311 Krotzer Avenue
P. O. Box 128
Luckey, OH 43443

Wood County

The Honorable James Carter
Wood County Commissioner,
One Courthouse Square
Bowling Green, OH 43402

The Honorable Alvin Perkins
Wood County Commissioner
One Courthouse Square
Bowling Green, OH 43402

The Honorable Tim Brown
Wood County Commissioner
One Courthouse Square
Bowling Green, OH 43402

Mr. Raymond Huber P.E., P.S.
Wood County Engineer
One Courthouse Square, Floor 3
Bowling Green, OH 43402

Mr. Dave Steiner
Director, Wood County Planning Commission
One Courthouse Square, Floor 5
Bowling Green, OH 43402

Copies of the transmittal letters to these officials have been included with the transmittal letter submitting this Letter of Notification to the Ohio Power Siting Board.

4906-11-01 (D) (4) b: Public Information Program

Toledo Edison's manager of External Affairs will advise local officials of features and the status of the proposed Transmission Line Project as necessary.

4906-11-01 (D) 5: Current or Pending Litigation

There is no known current or pending litigation involving this project.

4906-11-01 (D) 6: Local, State, and Federal Requirements

There are no other known local, state, or federal requirements that must be met prior to commencement of construction on the proposed transmission line project.

4906-11-01 (E): Environmental Data

4906-11-01 (E) (1): Endangered, Threatened, and Rare Species Investigation

As part of our investigation, a request was submitted to the Ohio Department of Natural Resources (ODNR) on June 8, 2010 to research the presence of any endangered, threatened, or rare species within the project area. The ODNR's June 22, 2010 response, attached as Exhibit No. 7, indicated that they have no records within one mile of the identified project area.

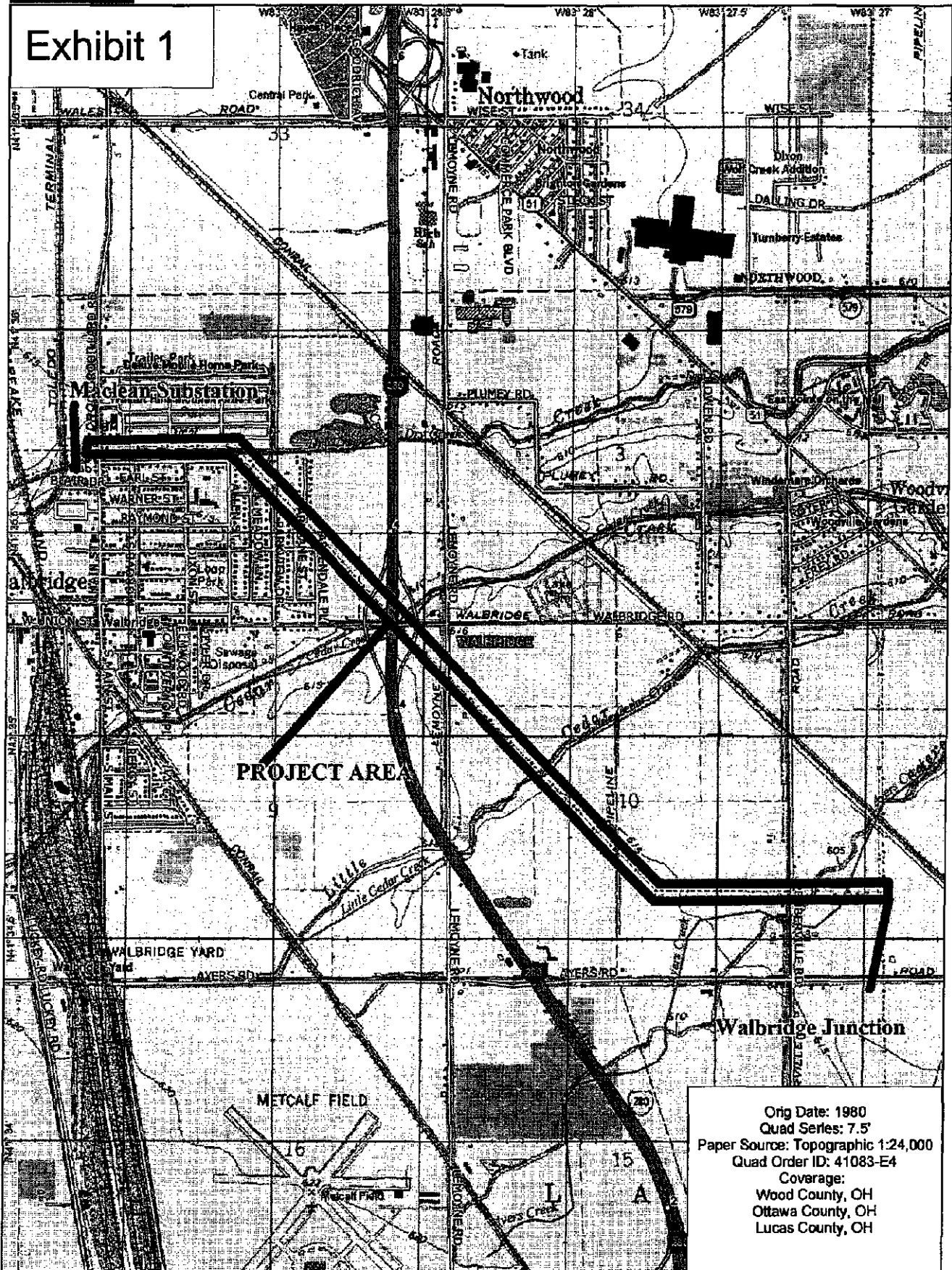
4906-11-01 (E) (2): Areas of Ecological Concern

The new transmission line structures are located in an existing transmission line corridor in close proximity to existing transmission line structures. Given the nature of the project, and its close proximity to existing similar construction, it is unlikely that any archaeological or cultural resources would be disturbed by the limited nature of installing the new structures.

4906-11-01 (E) (3): Additional Information

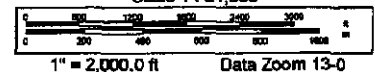
Construction and operation of the proposed Project will be in accordance with the requirements specified in the latest revision of the NESC as adopted by the PUCO and all applicable safety standards established by OSHA.

Exhibit 1



Orig Date: 1980
 Quad Series: 7.5
 Paper Source: Topographic 1:24,000
 Quad Order ID: 41083-E4
 Coverage:
 Wood County, OH
 Ottawa County, OH
 Lucas County, OH

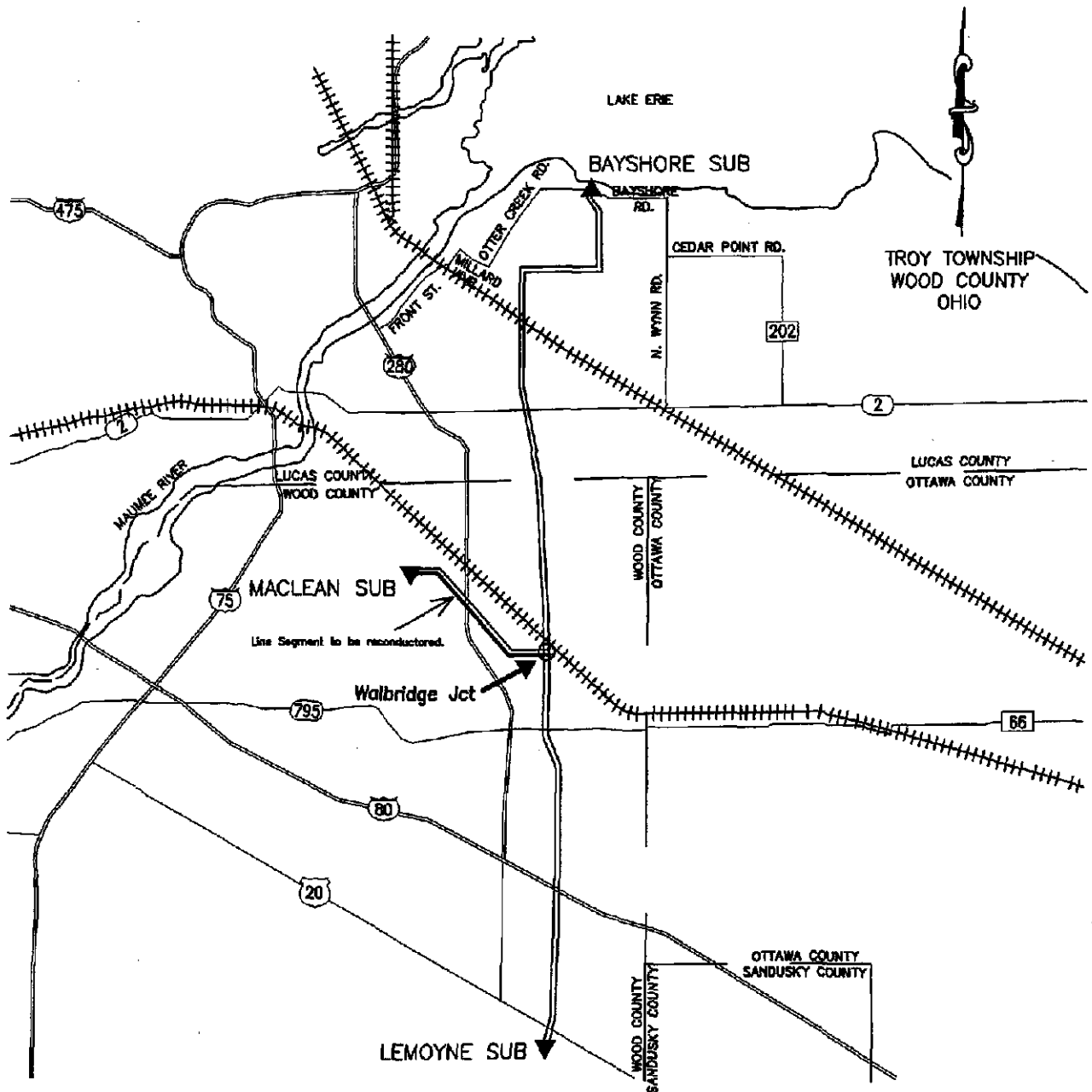
Scale 1 : 24,000



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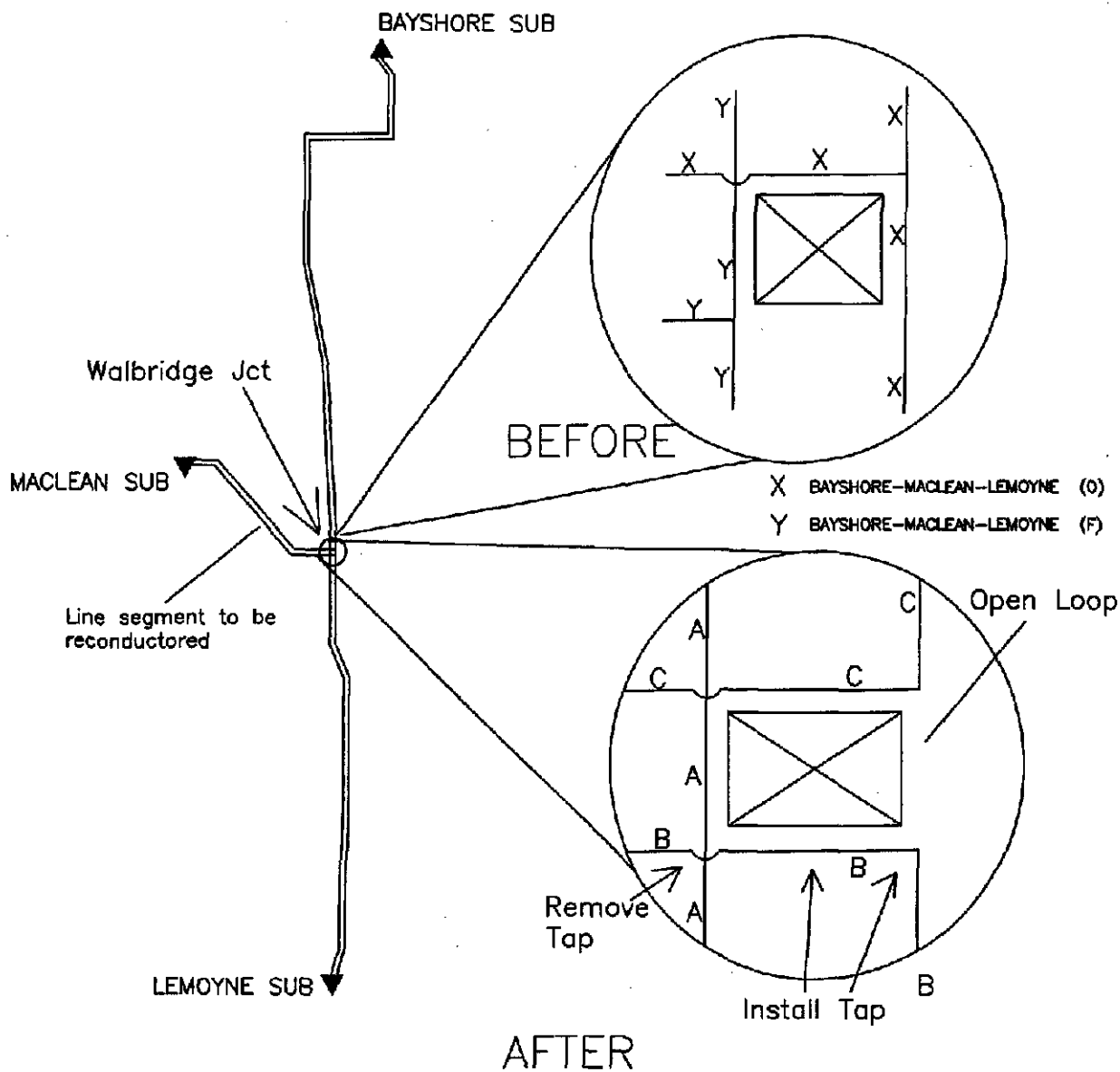
ATSI.

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

BAYSHORE-MACLEAN-LEMOYNE 138 kV
TRANSMISSION LINE RECONDUCTING AND
INTERMEDIATE POLE PLACEMENT

GENERAL LAYOUT

EXHIBIT 2



TROY TOWNSHIP
WOOD COUNTY
OHIO

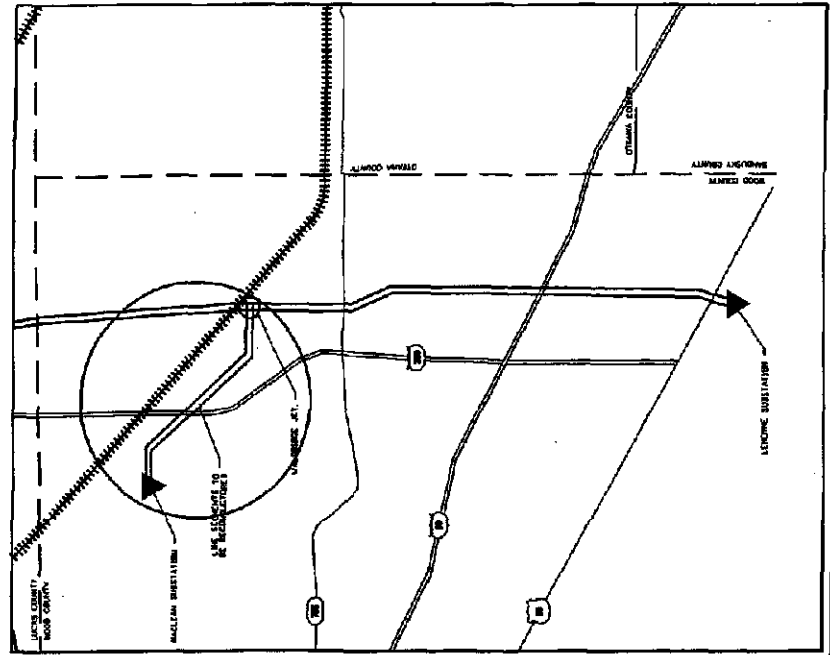
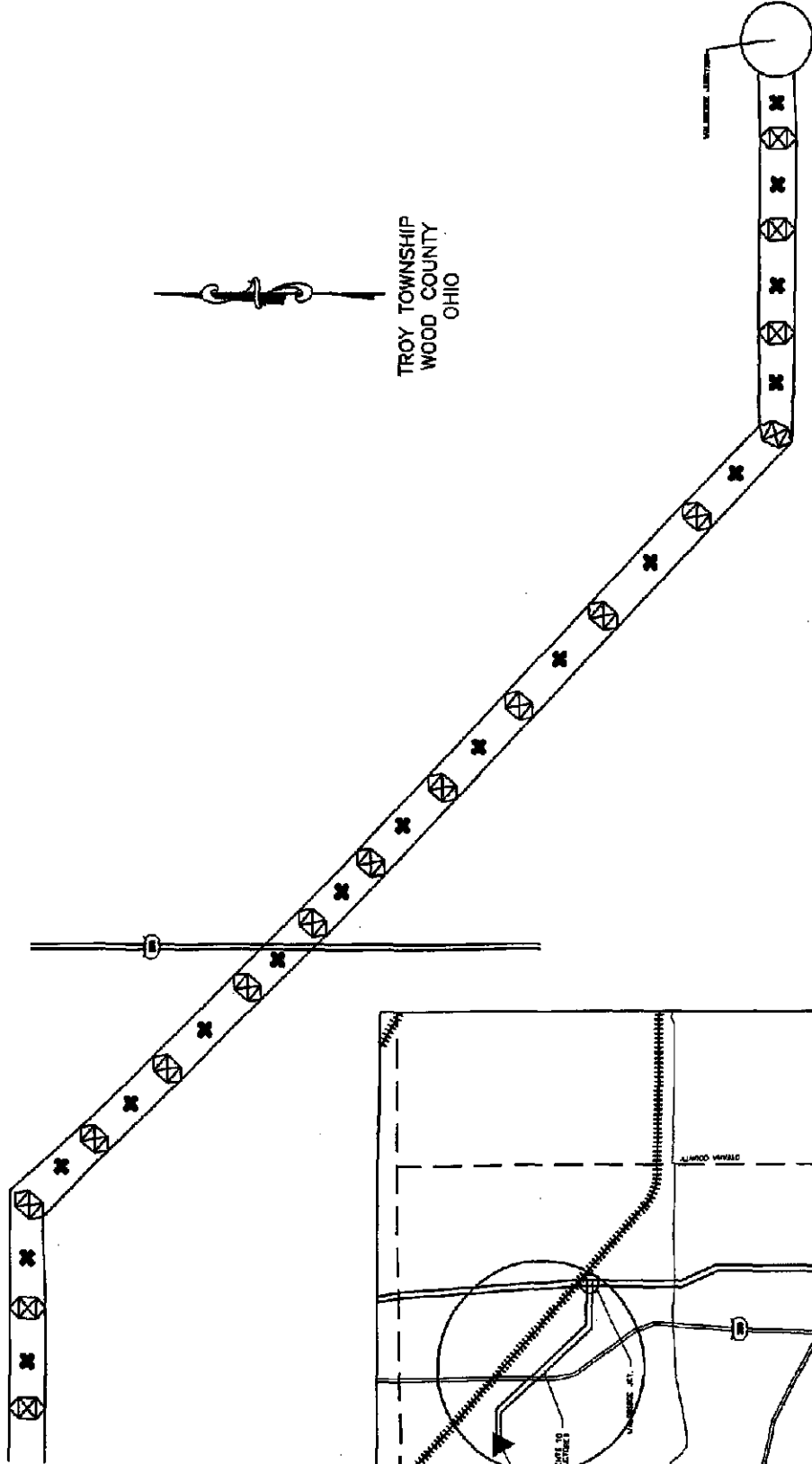
ATSI.

American Transmission Systems, Inc.
a subsidiary of Westinghouse Electric Corp.

BAYSHORE-MACLEAN-LEMOYNE 138 kV
TRANSMISSION LINE RECONDUCTORING AND
INTERMEDIATE POLE PLACEMENT

GENERAL LAYOUT

EXHIBIT 3



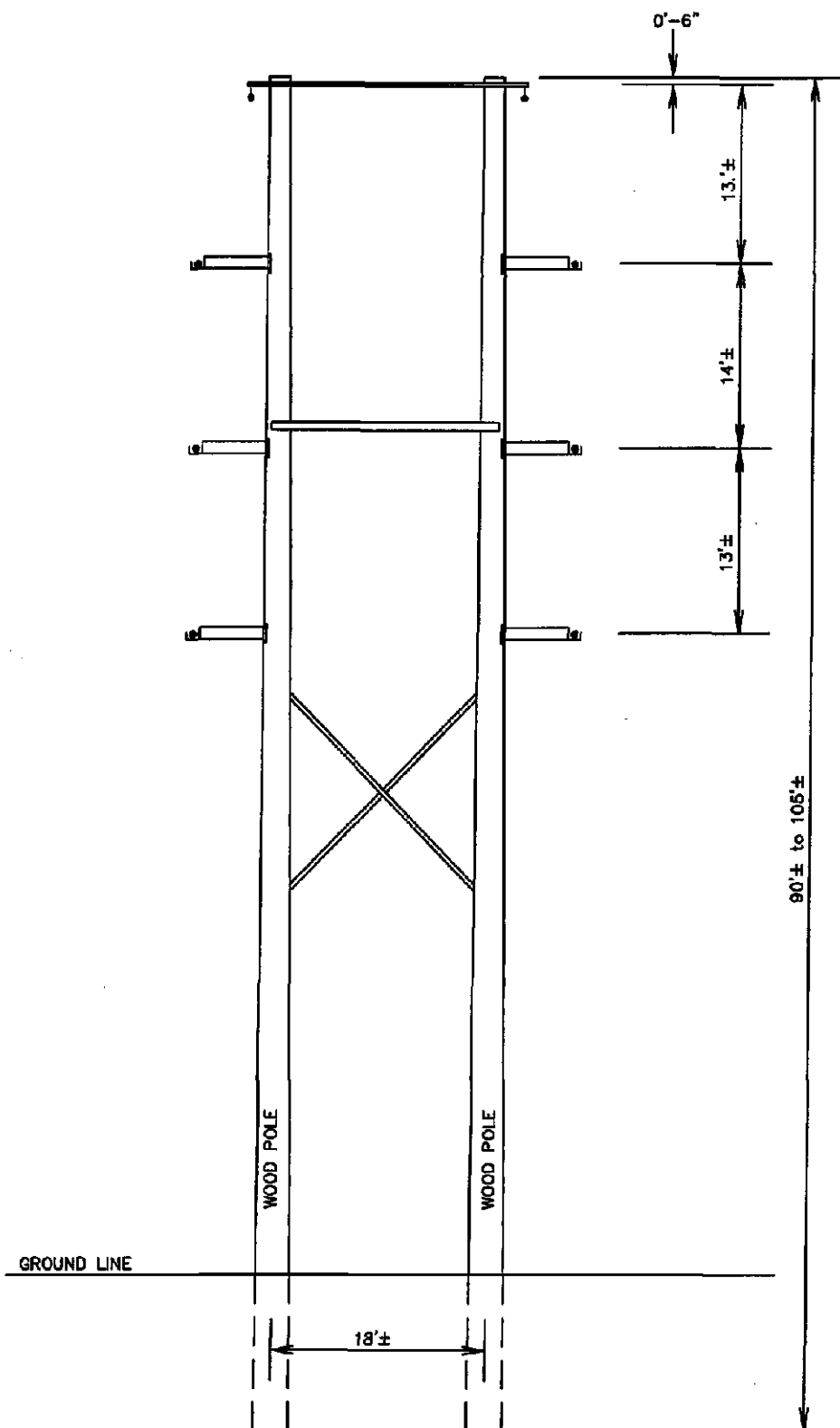
ATSI.

American Transmission Systems, Inc.
11000 W. 120th St., Suite 200
Overland Park, KS 66213-3200

BAYSHORE-MACLEAN-LEMOINE 138 kV
TRANSMISSION LINE RECONDUCTING AND
INTERMEDIATE POLE PLACEMENT

INTERMEDIATE POLE PLACEMENT LAYOUT

EXHIBIT 4



ATSI.

American Transmission Systems, Inc.
A Subsidiary of Fluor Corp.

BAYSHORE-MACLEAN-LEMOYNE 138 kV
TRANSMISSION LINE RECONDUCTORING AND
INTERMEDIATE POLE PLACEMENT

2 POLE INTERMEDIATE STRUCTURE

EXHIBIT 5

EXHIBIT 6:
Bayshore-Maclean-Lemoyne 138kV Transmission Line
Reconductoring and Pole Placement Project
Property List
Case No. 10- -EL-BLN

Property Owners Name	Permanent Parcel Number	RIGHT OF WAY AGREEMENT STATUS
PATRICIA M. BLAKEMAN	H31-712-040318001000	EXISTING
WALNUT HILLS MOBILE HOME PARK, INC.	H31-712-040101018000 H31-712-040101017000	EXISTING
KATHLEEN M. GAUL	H31-712-040301008000	EXISTING
OPAL L. PENNINGTON	H31-712-040301009000	EXISTING
CECIL R. & ELIZABETH ANNA ADKINS	H31-712-040301019000 H31-712-040301020000	EXISTING
ROBERT D. & BONNIE JO SEDLMEIER	H31-712-040301018000	EXISTING
VILLAGE OF WALBRIDGE	H31-712-040403001000	EXISTING
DANIEL A. & BETSY L. TAYLOR	H31-712-040403002000	EXISTING
JOHN H. JR. & CATHERNE E. PFISTER	H31-712-040403016000	EXISTING
LAWRENCE S. & MICHELLE A. WAMER	H31-712-040403015000	EXISTING
JENENE K. GARCIA	H31-712-040403013000	EXISTING
AMALIE H. BARTLEBAUGH	H31-712-040403014000	EXISTING
ADAM M. DAVENPORT	H31-712-040403038000	EXISTING
ROBERT E. & ELLEN J. WILLIAMS	H31-712-040403037000	EXISTING
KENNETH C. LAHEY	H31-712-040403041000	EXISTING
C & E ADKINS LTD.	H31-712-040402002000	EXISTING
STATE OF OHIO	H28-712-040402005000	EXISTING
MILLER BROS. CONSTR. INC.	H28-712-090000001000	EXISTING
ANDREW E. ADLER	H28-712-010000001000	EXISTING
WALTER F. KNUDSON FARMS INC.	H28-712-100000012000 H28-712-100000013000	EXISTING
SUSAN M. LECK, TRUSTEE	H28-712-100000022500	NEED RIGHTS
KEN BONNIE REAL ESTATE ENTERPRISES LTD.	H28-712-100000020002	EXISTING
MICHAEL I. & LORRIE ANN ELCHERT	H28-712-110000007000	EXISTING
MARION J. & BEVERLY J. HICKS	H28-712-110000012000	EXISTING



Ohio Department of Natural Resources

TED STRICKLAND, GOVERNOR

SEAN D. LOGAN, DIRECTOR

Division of Wildlife
James A. Marshall, Acting Chief
2045 Morse Rd., Bldg. G-3
Columbus, OH 43229-6693
Phone: (614) 265-6300

June 22, 2010

Jessica Thacker
FirstEnergy Service Co.
76 S. Main St.
Akron, OH 44308

Dear Ms. Thacker:

After reviewing our Biodiversity Database maps and files, I find the Division of Wildlife has no records of rare or endangered species in the Bayshore-Maclean-Lemoyne 138 kV Transmission Line Reconductoring and Pole Placement project area, including a one mile radius, in Lake Township, Wood County, and on the Walbridge Quad. We are unaware of any unique ecological sites, geologic features, animal assemblages or scenic rivers within a one mile radius of the project area. There are also no state, federal or county-owned lands at the project site, including but not limited to state wildlife areas, nature preserves, parks and forests, national wildlife refuges and metro parks.

Our inventory program has not completely surveyed Ohio and relies on information supplied by many individuals and organizations. 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 we inventory all types of plant communities, we only maintain records on the highest quality areas.

Please contact me at 614-265-6818 if I can be of further assistance.

Sincerely,

A handwritten signature in cursive script, appearing to read "Debbie Wolschke".

Debbie Wolschke, Ecological Analyst
Ohio Biodiversity Database Program



RECEIVED-DOCKETING DIV

2010 AUG 16 PM 3:23

1-800-646-0400

Mr. Matthew Brinker
Trustee, Troy Township
311 Krotzer Avenue
P.O. Box 128
Luckey, OH 43443

August 13, 2010

PUCO

Letter of Notification
Bayshore-Maclean-Lemoyne 138kV
Transmission Line Reconductoring and Intermediate
Structure Placement Project
Case No. 10-1149-EL-BLN

Dear Mr. Brinker,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to reductor an approximately 2.8 mile long segment of one circuit of the double circuit Bayshore-Maclean-Lemoyne 138 kV Transmission Line. This will be accomplished by replacing the existing conductors of the circuit located on the south side of the existing transmission structures on one line segment from Walbridge Junction to the Maclean Substation with a new conductor in its place. Additionally, to support the new conductor, intermediate two-pole wood structures will be placed in between each existing steel lattice tower from the Maclean Substation to Walbridge Junction.

The Project area is located in an existing transmission corridor extending in the Township of Troy, Wood County, Ohio. The entire Project will be built on land that already is used by the applicants for existing transmission and distribution facilities. As such, there should be little incremental land-use impact for the affected communities.

In accordance with the provisions of Ohio Administrative Code ("OAC") Rule 4906-1-01, this project falls within the Ohio Power Siting Board's requirements for a Letter of Notification ("LON"). Therefore, in compliance with OAC 4906-11-01 of the OPSB's Rules and Regulations, we have prepared and filed the attached LON with the OPSB for their review and approval. The LON contains a description of the project, and is provided for your information. .

I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,



Scott Humphrys
Associate Distribution Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment

Mr. Steven Levorchick
Trustee, Troy Township
311 Krotzer Avenue
P.O. Box 128
Luckey, OH 43443

August 13, 2010

Letter of Notification
Bayshore-Maclean-Lemoyne 138kV
Transmission Line Reconductoring and Intermediate
Structure Placement Project
Case No. 10-1141-EL-BLN

Dear Mr. Levorchick,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to reconductor an approximately 2.8 mile long segment of one circuit of the double circuit Bayshore-Maclean-Lemoyne 138 kV Transmission Line. This will be accomplished by replacing the existing conductors of the circuit located on the south side of the existing transmission structures on one line segment from Walbridge Junction to the Maclean Substation with a new conductor in its place. Additionally, to support the new conductor, intermediate two-pole wood structures will be placed in between each existing steel lattice tower from the Maclean Substation to Walbridge Junction.

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Sincerely,



Scott Humphrys
Associate Distribution Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment

Mr. Ken Recker
Trustee, Troy Township
311 Krotzer Avenue
P.O. Box 128
Luckey, OH 43443

August 13, 2010

Letter of Notification
Bayshore-Maclean-Lemoyne 138kV
Transmission Line Reconductoring and Intermediate
Structure Placement Project
Case No. 10-1149-EL-BLN

Dear Mr. Recker,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to reconductor an approximately 2.8 mile long segment of one circuit of the double circuit Bayshore-Maclean-Lemoyne 138 kV Transmission Line. This will be accomplished by replacing the existing conductors of the circuit located on the south side of the existing transmission structures on one line segment from Walbridge Junction to the Maclean Substation with a new conductor in its place. Additionally, to support the new conductor, intermediate two-pole wood structures will be placed in between each existing steel lattice tower from the Maclean Substation to Walbridge Junction.

The Project area is located in an existing transmission corridor extending in the Township of Troy, Wood County, Ohio. The entire Project will be built on land that already is used by the applicants for existing transmission and distribution facilities. As such, there should be little incremental land-use impact for the affected communities.

In accordance with the provisions of Ohio Administrative Code ("OAC") Rule 4906-1-01, this project falls within the Ohio Power Siting Board's requirements for a Letter of Notification ("LON"). Therefore, in compliance with OAC 4906-11-01 of the OPSB's Rules and Regulations, we have prepared and filed the attached LON with the OPSB for their review and approval. The LON contains a description of the project, and is provided for your information. .

I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,



Scott Humphrys
Associate Distribution Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment

Ms. Linda Biniker
Fiscal Officer, Troy Township
311 Krotzer Avenue
P.O. Box 128
Luckey, OH 43443

August 13, 2010

Letter of Notification
Bayshore-Maclean-Lemoyne 138kV
Transmission Line Reconductoring and Intermediate
Structure Placement Project
Case No. 10-1144 -EL-BLN

Dear Ms. Biniker,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to reductor an approximately 2.8 mile long segment of one circuit of the double circuit Bayshore-Maclean-Lemoyne 138 kV Transmission Line. This will be accomplished by replacing the existing conductors of the circuit located on the south side of the existing transmission structures on one line segment from Walbridge Junction to the Maclean Substation with a new conductor in its place. Additionally, to support the new conductor, intermediate two-pole wood structures will be placed in between each existing steel lattice tower from the Maclean Substation to Walbridge Junction.

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,



Scott Humphrys
Associate Distribution Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment

The Honorable James Carter
Wood County Commissioner, President
One Courthouse Square
Bowling Green, OH 43402

August 13, 2010

Letter of Notification
Bayshore-Maclean-Lemoyne 138kV
Transmission Line Reconductoring and Intermediate
Structure Placement Project
Case No. 10-1149-EL-BLN

Dear Commissioner Carter,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to reductor an approximately 2.8 mile long segment of one circuit of the double circuit Bayshore-Maclean-Lemoyne 138 kV Transmission Line. This will be accomplished by replacing the existing conductors of the circuit located on the south side of the existing transmission structures on one line segment from Walbridge Junction to the Maclean Substation with a new conductor in its place. Additionally, to support the new conductor, intermediate two-pole wood structures will be placed in between each existing steel lattice tower from the Maclean Substation to Walbridge Junction.

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,



Scott Humphrys
Associate Distribution Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment

The Honorable Tim Brown
Wood County Commissioner
One Courthouse Square
Bowling Green, OH 43402

August 13, 2010

Letter of Notification
Bayshore-Maclean-Lemoyne 138kV
Transmission Line Reconductoring and Intermediate
Structure Placement Project
Case No. 10-1144-EL-BLN

Dear Commissioner Brown,


In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to reductor an approximately 2.8 mile long segment of one circuit of the double circuit Bayshore-Maclean-Lemoyne 138 kV Transmission Line. This will be accomplished by replacing the existing conductors of the circuit located on the south side of the existing transmission structures on one line segment from Walbridge Junction to the Maclean Substation with a new conductor in its place. Additionally, to support the new conductor, intermediate two-pole wood structures will be placed in between each existing steel lattice tower from the Maclean Substation to Walbridge Junction.

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,



Scott Humphrys
Associate Distribution Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment

The Honorable Alvin Perkins
Wood County Commissioner
One Courthouse Square
Bowling Green, OH 43402

August 13, 2010

Letter of Notification
Bayshore-Maclean-Lemoyne 138kV
Transmission Line Reconductoring and Intermediate
Structure Placement Project
Case No. 10-1114 -EL-BLN

Dear Commissioner Perkins,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to reductor an approximately 2.8 mile long segment of one circuit of the double circuit Bayshore-Maclean-Lemoyne 138 kV Transmission Line. This will be accomplished by replacing the existing conductors of the circuit located on the south side of the existing transmission structures on one line segment from Walbridge Junction to the Maclean Substation with a new conductor in its place. Additionally, to support the new conductor, intermediate two-pole wood structures will be placed in between each existing steel lattice tower from the Maclean Substation to Walbridge Junction.

The Project area is located in an existing transmission corridor extending in the Township of Troy, Wood County, Ohio. The entire Project will be built on land that already is used by the applicants for existing transmission and distribution facilities. As such, there should be little incremental land-use impact for the affected communities.

In accordance with the provisions of Ohio Administrative Code ("OAC") Rule 4906-1-01, this project falls within the Ohio Power Siting Board's requirements for a Letter of Notification ("LON"). Therefore, in compliance with OAC 4906-11-01 of the OPSB's Rules and Regulations, we have prepared and filed the attached LON with the OPSB for their review and approval. The LON contains a description of the project, and is provided for your information. .

I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,



Scott Humphrys
Associate Distribution Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment

Mr. Raymond Huber P.E., P.S.
Wood County Engineer
One Courthouse Square, Floor 3
Bowling Green, OH 43402

August 13, 2010

Letter of Notification
Bayshore-Maclean-Lemoyne 138kV
Transmission Line Reconductoring and Intermediate
Structure Placement Project
Case No. 10-1144-EL-BLN

Dear Mr. Huber,

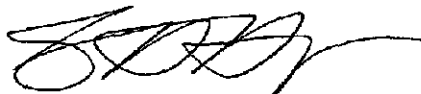
In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to reductor an approximately 2.8 mile long segment of one circuit of the double circuit Bayshore-Maclean-Lemoyne 138 kV Transmission Line. This will be accomplished by replacing the existing conductors of the circuit located on the south side of the existing transmission structures on one line segment from Walbridge Junction to the Maclean Substation with a new conductor in its place. Additionally, to support the new conductor, intermediate two-pole wood structures will be placed in between each existing steel lattice tower from the Maclean Substation to Walbridge Junction.

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,



Scott Humphrys
Associate Distribution Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment

Mr. Dave Steiner
Director, Wood County Planning Commission
One Courthouse Square, Floor 5
Bowling Green, OH 43402

August 13, 2010

Letter of Notification
Bayshore-Maclean-Lemoyne 138kV
Transmission Line Reconductoring and Intermediate
Structure Placement Project
Case No. 10-1146-EL-BLN

Dear Mr. Steiner,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to reductor an approximately 2.8 mile long segment of one circuit of the double circuit Bayshore-Maclean-Lemoyne 138 kV Transmission Line. This will be accomplished by replacing the existing conductors of the circuit located on the south side of the existing transmission structures on one line segment from Walbridge Junction to the Maclean Substation with a new conductor in its place. Additionally, to support the new conductor, intermediate two-pole wood structures will be placed in between each existing steel lattice tower from the Maclean Substation to Walbridge Junction.

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,



Scott Humphrys
Associate Distribution Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment