

May 5, 2011

Ms. Renee J. Jenkins
Director, Administration Department
Secretary to the Commission
Docketing Division
The Public Utilities Commission of Ohio
180 East Broad Street
Columbus, OH 43215-3793

RECEIVED-DOCKETING DIV
2011 MAY -6 PM 12:46
PUCO

Letter of Notification
Star-Urban 138 kV Transmission Line
Tap To Involta LLC.
Case No. 11- -EL-BLN
11-2892-EL-BLN

Dear Ms. Jenkins:

In accordance with Rule 4906-1-11 of the Ohio Administrative Code, American Transmission Systems, Incorporated ("ATSI") and Ohio Edison Company ("OE"), transmit one (1) original and eleven (11) copies of the enclosed Letter of Notification for the above captioned project. In this project, ATSI and OE are proposing to install an approximately 7,325 foot (1.38 miles) long, radial transmission line tap from the existing Star-Urban 138 kV Transmission Line to a new customer-owned facility. As a part of the project, three (3) new structures will be installed in the existing Star-Urban 138 kV Transmission Line for the tap structure and including two (2) switch structures, and thirty five (35) new poles for the transmission line tap. The Project area is located south and east of the intersection of Old South Main Street and East Miller Avenue, in the City of Akron, Summit County, Ohio.

Please be advised of the following:

a) Name and address of the applicants:

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

Ohio Edison Company
76 South Main Street
Akron, Ohio 44308

This is to certify that the images appearing are an accurate and complete reproduction of a case file document delivered in the regular course of business.
Technician AK Date Processed 5/6/11

b) Name of proposed facilities:

Star-Urban 138 kV Transmission Line Tap To Involta LLC.

c) Location of proposed facilities:

The Project area is located south and east of the intersection of Old South Main Street and East Miller Avenue, in the City of Akron, Summit County, Ohio.

d) Description of proposed facilities:

The Project involves the installation of an approximately 7,325 foot (1.38 miles) long, radial transmission line tap from the existing Star-Urban 138 kV Transmission Line to a new customer-owned facility. As a part of the project, three (3) new poles will be installed in the existing Star-Urban 138 kV Transmission Line for the tap structure, including two (2) switch structures, and thirty five (35) new poles for the transmission line tap.

e) Applicant's representative:

Scott M. Humphrys, 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 City of Akron, and Summit County, are enclosed for your file.

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

Sincerely,



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

Attachments

EXHIBIT 1
Officials Served Copy of Letter of Notification
Star-Urban 138 kV Transmission Line
Tap to Involta LLC.
Case No. 11- -EL-BLN

City of Akron

The Honorable Donald L. Plusquellic
Mayor, City of Akron
Suite 200 Municipal Building
166 South High Street
Akron, OH 44308

Mr. Marco S. Sommerville
President of Council, City of Akron
166 South High Street 3rd Floor
Akron, OH 44308

Mr. Richard Merolla
Director of Public Service, City of Akron
166 South High Street 2nd Floor
Akron, OH 44308

Mr. John O. Moore
Director of Planning, City of Akron
166 South High Street 4th Floor
Akron, OH 44308

Summit County

The Honorable Russell M. Pry
Summit County Executive
175 South Main St. 8th Floor
Akron, OH 44308

Mr. Jerry Feeman
President of Council, Summit County
175 South Main Street, Room 700
Akron, OH 44308

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

Mr. John A. Donofrio
Fiscal Officer, Summit County
175 S. Main Street 4th Floor
Akron, OH 44308

May 5, 2011

The Honorable Donald L. Plusquellic
Mayor, City of Akron
Suite 200 Municipal Building
166 South High Street
Akron, OH 44308

Letter of Notification
Star-Urban 138 kV Transmission Line
Tap To Involta LLC.
Case No. 11- -EL-BLN

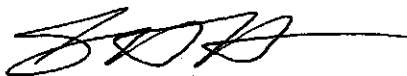
Dear Mr. Plusquellic,

In the above captioned project, American Transmission Systems, Inc. ("ATSI") and Ohio Edison Company ("OE"), subsidiaries of FirstEnergy Corp., ATSI and OE are proposing to install an approximately 7,325 foot (1.38 miles) long, radial transmission line tap from the existing Star-Urban 138 kV Transmission Line to a new customer-owned facility. As a part of the project, three (3) new structures will be installed in the existing Star-Urban 138 kV Transmission Line for the tap structure, including two (2) switch structures, and thirty five (35) new poles for the transmission line tap. The Project area is located south and east of the intersection of Old South Main Street and East Miller Avenue, in the City of Akron, Summit County, Ohio.

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
Distribution Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment

May 5, 2011

Mr. Marco S. Sommerville
President of Council, City of Akron
166 South High Street 3rd Floor
Akron, OH 44308

Letter of Notification
Star-Urban 138 kV Transmission Line
Tap To Involta LLC.
Case No. 11- -EL-BLN

Dear Mr. Sommerville,

In the above captioned project, American Transmission Systems, Inc. ("ATSI") and Ohio Edison Company ("OE"), subsidiaries of FirstEnergy Corp., ATSI and OE are proposing to install an approximately 7,325 foot (1.38 miles) long, radial transmission line tap from the existing Star-Urban 138 kV Transmission Line to a new customer-owned facility. As a part of the project, three (3) new structures will be installed in the existing Star-Urban 138 kV Transmission Line for the tap structure, including two (2) switch structures, and thirty five (35) new poles for the transmission line tap. The Project area is located south and east of the intersection of Old South Main Street and East Miller Avenue, in the City of Akron, Summit County, Ohio.

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Sincerely,



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

Attachment

May 5, 2011

Mr. Richard Merolla
Director of Public Service, City of Akron
166 South High Street 2nd Floor
Akron, OH 44308

Letter of Notification
Star-Urban 138 kV Transmission Line
Tap To Involta LLC.
Case No. 11- -EL-BLN

Dear Mr. Merolla,

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Sincerely,



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

Attachment

May 5, 2011

Mr. John O. Moore
Director of Planning, City of Akron
166 South High Street 4th Floor
Akron, OH 44308

Letter of Notification
Star-Urban 138 kV Transmission Line
Tap To Involta LLC.
Case No. 11- -EL-BLN

Dear Mr. Moore,

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Sincerely,



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

Attachment

May 5, 2011

The Honorable Russell M. Pry
Summit County Executive
175 South Main St. 8th Floor
Akron, OH 44308

Letter of Notification
Star-Urban 138 kV Transmission Line
Tap To Involta LLC.
Case No. 11- -EL-BLN

Dear Mr. Pry,

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Sincerely,



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

Attachment

May 5, 2011

Mr. Jerry Feeman
President of Council, Summit County
175 South Main Street, Room 700
Akron, OH 44308

Letter of Notification
Star-Urban 138 kV Transmission Line
Tap To Involta LLC.
Case No. 11- -EL-BLN

Dear Mr. Feeman,

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Sincerely,



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

Attachment

May 5, 2011

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

Letter of Notification
Star-Urban 138 kV Transmission Line
Tap To Involta LLC.
Case No. 11- -EL-BLN

Dear Mr. Brubaker,

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Sincerely,



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

Attachment

May 5, 2011

Mr. John A. Donofrio
Fiscal Officer, Summit County
175 S. Main Street 4th Floor
Akron, OH 44308

Letter of Notification
Star-Urban 138 kV Transmission Line
Tap To Involta LLC.
Case No. 11- -EL-BLN

Dear Mr. Donofrio,

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Sincerely,



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

Attachment

**AMERICAN TRANSMISSION SYSTEMS, INCORPORATED
AND
OHIO EDISON COMPANY,
SUBSIDIARIES OF FIRSTENERGY CORP.**

LETTER OF NOTIFICATION

**STAR-URBAN 138 kV TRANSMISSION LINE
TAP TO INVOLTA LLC.**

OPSB CASE NO.: 11-²⁸⁹²^-EL-BLN

May 5, 2011

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

**LETTER OF NOTIFICATION
STAR-URBAN 138 kV TRANSMISSION LINE
TAP TO INVOLTA LLC**

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): General Information

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

Name of Project: Star-Urban 138 kV Transmission Line Tap to Involta LLC
Project ("Project").

2010 LTFR Reference: This Project is not identified in FirstEnergy Corp.'s 2010
Electric Long-Term Forecast Report ("LTFR") submitted to
the Public Utility Commission of Ohio in Case Number
10-0504-EL-FOR.

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

In this Project, American Transmission Systems, Incorporated ("ATSI") and the Ohio Edison Company ("Ohio Edison"), subsidiaries of FirstEnergy Corp., propose to install an approximately 7,325 foot (1.38 miles) long, radial transmission line tap from the existing Star-Urban 138 kV Transmission Line to a new customer-owned facility.

The new transmission line construction will extend from the existing Star-Urban 138 kV transmission line to a new customer owned substation. As a part of the project, three (3) new structures will be installed in the existing Star-Urban 138 kV Transmission Line for the tap structure, including two (2) switch structures. Thirty five (35) new structures will be installed for the transmission line tap.

The Project area is located south and east of the intersection of Old South Main Street and East Miller Avenue, in the City of Akron, Summit County, Ohio. The general location of the Project is shown in Exhibit 1, which is a partial copy of the United States Geologic Survey, Summit County Ohio Quad Map, ID number 41081-A5. Exhibit 2 shows the general layout of the proposed Project.

The Project begins at the tap structure, which is approximately 4,861 feet (.92 mile) southwest of the intersection of East Miller Avenue and South Main Street. The tap structure is shown in Exhibit 3. The three (3) associated switch structures, one switch on each side of the tap and one switch approximately 50 feet west of the tap, are shown in Exhibit 6. Beginning at the switch structure to the west of the tap structure, the Project continues 50 feet west to a 3 pole corner dead end structure and then trends south approximately 470 feet to another 3 pole corner dead end structure, both shown in Exhibit 9. From this point, the Project trends northeasterly approximately 215 feet to a 3 pole tangent structure, which is shown in Exhibit 10. At this point, the Project continues in a northeasterly direction on single pole tangent structures, shown in Exhibit 4, for approximately 1,390 feet. The Project then angles northerly on a light angle structure, shown in Exhibit 7, and continues northeasterly on tangent structures for approximately 1,670 feet to another light angle structure. The Project continues in the northeasterly direction on tangent structures for approximately 1,380 feet at which point there is another light angle structure. The Project continues approximately 865 feet on tangent structures to another light angle structure and then continues approximately 210 feet to a single pole corner dead end structure, which is shown in Exhibit 5. The Project continues easterly approximately 195 feet to a light angle structure and then continues 660 feet to a tangent dead end structure, shown in Exhibit 8, and then proceeds approximately 120 feet into the customer substation.

ATSI owns the existing Star-Urban 138 kV transmission line and will own the transmission line tap structure, switch structures and associated hardware up to the first tap switch structure. Ohio Edison will own from the first tap switch structure to the customer substation, and Involta, L.L.C. will own the new substation.

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 (1)(e) of the Application Requirement Matrix for Electric Power Transmission Lines in Appendix A of 4906-1-01 of the Ohio Administrative Code. This item states:

(1) Rerouting or extension or new construction of single or multiple circuit electric power transmission line(s) as follows:

(e) Line(s) one hundred twenty-five kV and above, but less than three hundred kV, and greater than 0.2 miles in length but not greater than two miles in length, and

The proposed Project includes installing approximately 7,325 feet (1.38 miles) of 138 kV transmission line and thirty five (35) transmission structures.

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

The proposed Project is needed to supply a new data storage facility to be built in Akron, OH. The initial proposed load, to be used for the data storage facility that would store data in a secure environment for businesses, schools and other organizations, is estimated at 2 mVA, and is expected to grow up to 5 mVA in 5 years, thus needing the 138 kV supply.

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 submitted to the PUCO in case no. 10-504-EL-FOR under rules 4901:5-5:04 (C) of the Ohio Administrative Code. This map shows ATSI's 345 kV and 138 kV transmission lines and transmission substations, including the location of the Star-Urban 138 kV transmission line. The project area is located approximately 8 ¾ inches (11 by 17 inch printed version) from the left edge of the map box and 5 ¾ inches (11 by 17 inch

printed version) from the bottom of the map box. The general location of the Project is shown on Exhibit No. 1. The general layout of the Project is shown in Exhibit No. 2.

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

There were no other alternatives considered.

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

Construction on the Project may begin as early as August 1, 2011 and is expected to be completed and placed in-service by October 31, 2011.

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

Exhibit No. 1 is a map depicting the general location of the project site. To locate and view the project site from the Columbus, Ohio area, travel north on Interstate 71 for approximately 100 miles. Take exit 209 to merge onto I-76 E/US-224 E toward Akron approximately 18.5 miles. Continue onto I-277 E for approximately 0.8 miles. Take the exit 2 for Waterloo Rd toward OH-93 and then turn left at W. Waterloo Rd. Take the 1st left onto Manchester Rd and proceed 0.6 miles. Turn right at W. Wilbeth Rd and go 1 mile. Turn left at South Main St and proceed about 0.5 miles. Turn left at W Emerling Ave and then continue onto Diamond Dr. This is near the point of the transmission line tap. The Project corridor will travel northerly along the railroad tracks and then jog over to the substation site along East Miller Avenue.

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

The status of easements, options, and/or land use agreements necessary to construct and operate the facility are listed below:

Property Owner	Right of Way Agreement Status
Surplus Inventory Liquidation Inc.	Existing Rights
CSX Transportation Inc.	Need Easement/Agreement
Akron Barberton Cluster Railway Co.	Need Easement/Agreement
City of Akron	Need Easement

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

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

The new transmission line tap will be designed and constructed for 138 kV operation.

The transmission line tap has the following characteristics:

Voltage:	138 kV
Conductor:	336.4 kcmil 26/7 ACSR
Ground Wire:	3#6 Alumoweld
Insulators:	Polymer Horizontal Post and Suspension
Structure types:	Exhibit No. 3 – Tap Structure Exhibit No. 4 – Tangent Pole Structure Exhibit No. 5 – Single Circuit Corner Dead End Structure Exhibit No. 6 – Transmission Switch Structures Exhibit No. 7 – Light Angle Structure Exhibit No. 8 – Tangent Dead End Structure Exhibit No. 9 – 3 Pole Dead End Structure Exhibit No. 10 – 3 Pole Tangent Structure

The proposed Project is expected to be located in existing and new easements.

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

The following table itemizes the line loading of the transmission line tap being installed in the proposed Project. The normal line loading of 20.9 amps and emergency line loading of 73.2 amps is based on the maximum load to be served to the customer owned station. The winter rating is based on the continuous maximum conductor ratings (MCR) of the circuits for 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
Star-Urban 138 kV Transmission Line Tap to Involta LLC.	20.9	73.2	760

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 circuits. The model utilizes the normal, emergency, and winter rating of the transmission line extension.

EMF CALCULATIONS		Electric Field kV/meter	Magnetic Field mGauss
Normal Loading	Under Lowest Conductors	1.25	2.09
	At Right-of-Way Edges	0.57/0.53	0.97/1.14
Emergency Loading	Under Lowest Conductors	1.25	7.39
	At Right-of-Way Edges	0.57/0.53	3.45/3.98
Winter Rating	Under Lowest Conductors	1.25	76.09
	At Right-of-Way Edges	0.57/0.53	36/41.5

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 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. These fields are thought to be too weak to break molecules or chemical bonds in cells. Extensive research has been conducted over the past three decades to determine whether EMFs are associated with 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 estimated capital costs by FERC Accounts for the proposed Project are:

Account	Cost
350 Land Rights	\$146,000
355 Poles and Fixtures	\$334,250
356 Overhead Conductors & Devices	\$353,750
<u>Removal</u>	<u>\$ 0</u>
Total	\$834,000

4906-11-01 (D): Socioeconomic Data

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

The Project area is located in an industrial area with some commercial and residential properties. Neighboring land use in the area of the proposed Project is industrial, commercial and residential. Based on the U.S. Bureau of Census estimates, the 2010 population of the City of Akron was 199,110 and Summit County was 541,781.

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

There is no agricultural land in use in the area of the Project.

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

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. This search did not identify the existence of any historic sites within the project area. Properties in the OHPO database include all Ohio listings on the National Register of Historic Places as well as 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 the City of Akron, Summit County, Ohio.

City of Akron

The Honorable Donald L. Plusquellic
Mayor, City of Akron
Suite 200 Municipal Building
166 South High Street
Akron, OH 44308

Mr. Marco S. Sommerville
President of Council, City of Akron
166 South High Street 3rd Floor
Akron, OH 44308

Mr. Richard Merolla
Director of Public Service, City of Akron
166 South High Street 2nd Floor
Akron, OH 44308

Mr. John O. Moore
Director of Planning, City of Akron
166 South High Street 4th Floor
Akron, OH 44308

Summit County

The Honorable Russell M. Pry
Summit County Executive
175 South Main St. 8th Floor
Akron, OH 44308

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

Mr. Jerry Feeman
President of Council, Summit County
175 South Main Street, Room 700
Akron, OH 44308

Mr. John A. Donofrio
Fiscal Officer, Summit County
175 S. Main Street 4th Floor
Akron, OH 44308

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

Ohio 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 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 January 19, 2011 to research the presence of any endangered, threatened, or rare species within the project area. The ODNR's January 25, 2011 response, attached as Exhibit 11, indicated that they have no records within the identified project area.

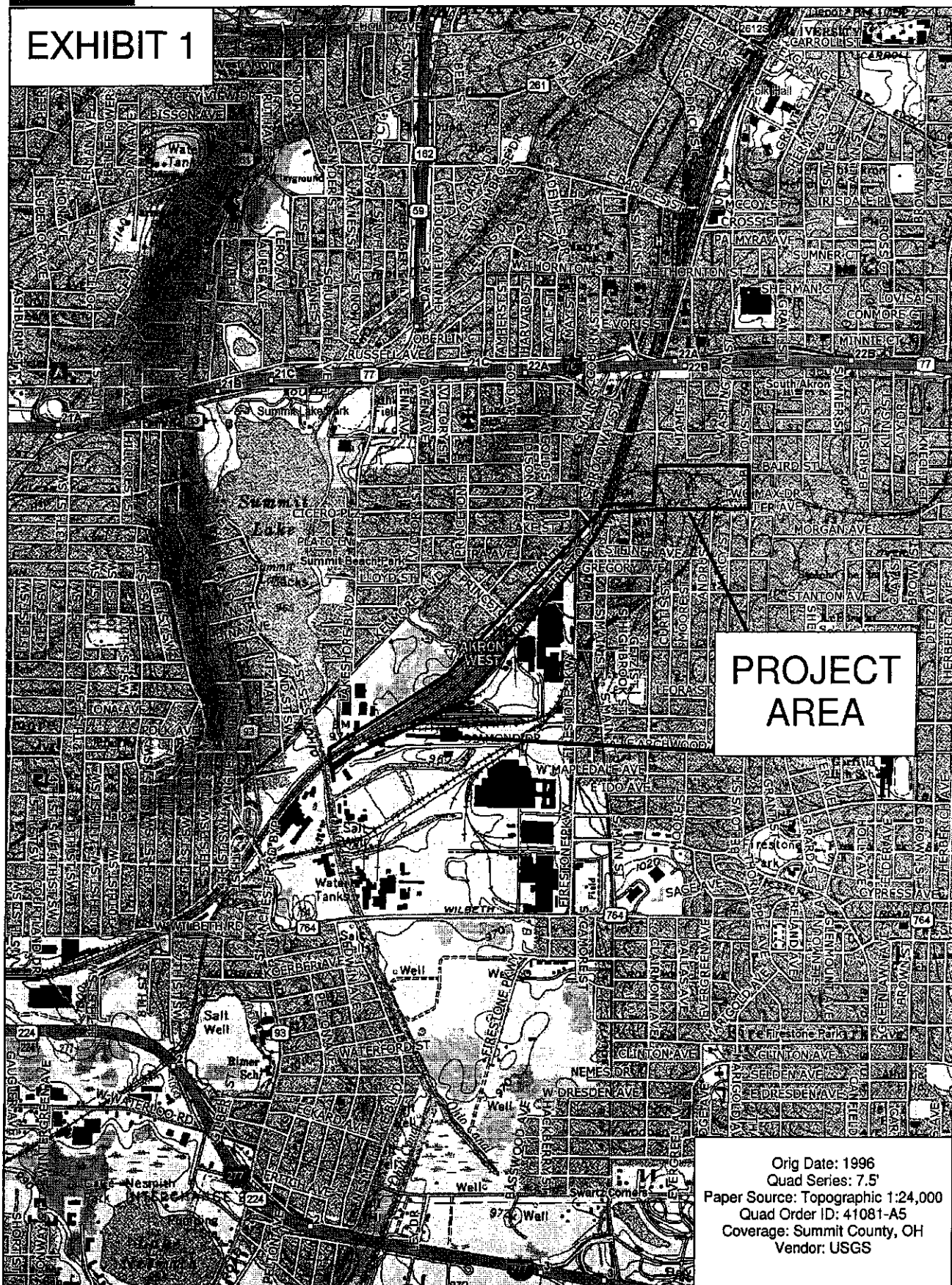
4906-11-01 (E) (2): Areas of Ecological Concern

A visual assessment of the Project area did not identify any areas of ecological concern in the immediate vicinity of the Project.

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 will meet all applicable safety standards established by OSHA.

EXHIBIT 1



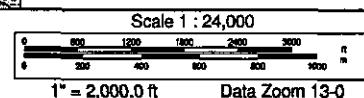
**PROJECT
AREA**

Orig Date: 1996
 Quad Series: 7.5'
 Paper Source: Topographic 1:24,000
 Quad Order ID: 41081-A5
 Coverage: Summit County, OH
 Vendor: USGS

Data use subject to license.

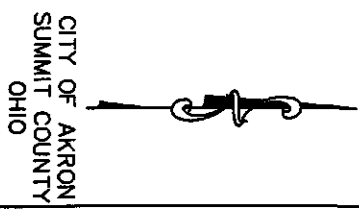
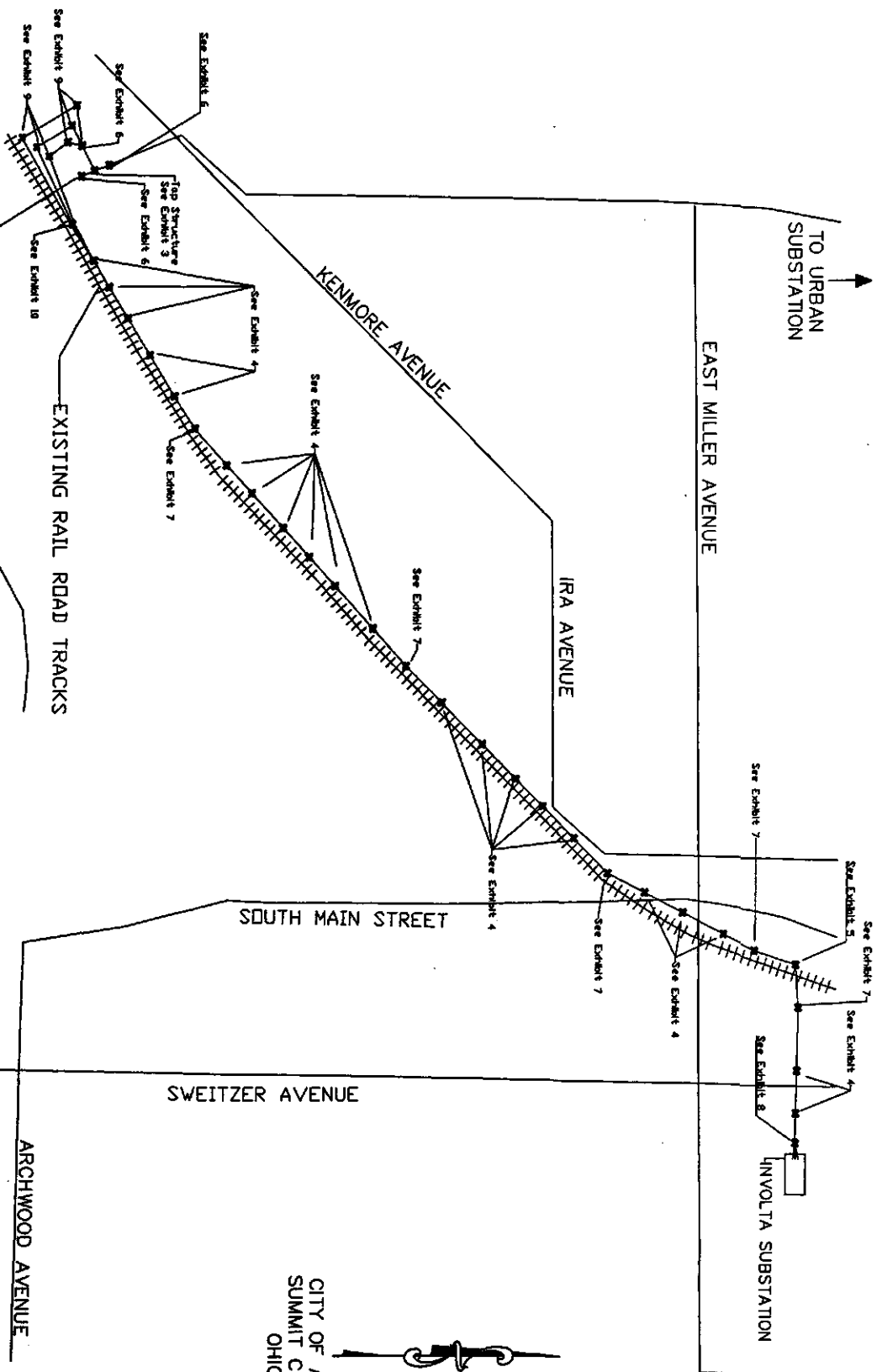
© DeLorme, Topo USA® 8.

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EXISTING
STAR-URBAN
138 KV TRANSMISSION LINE

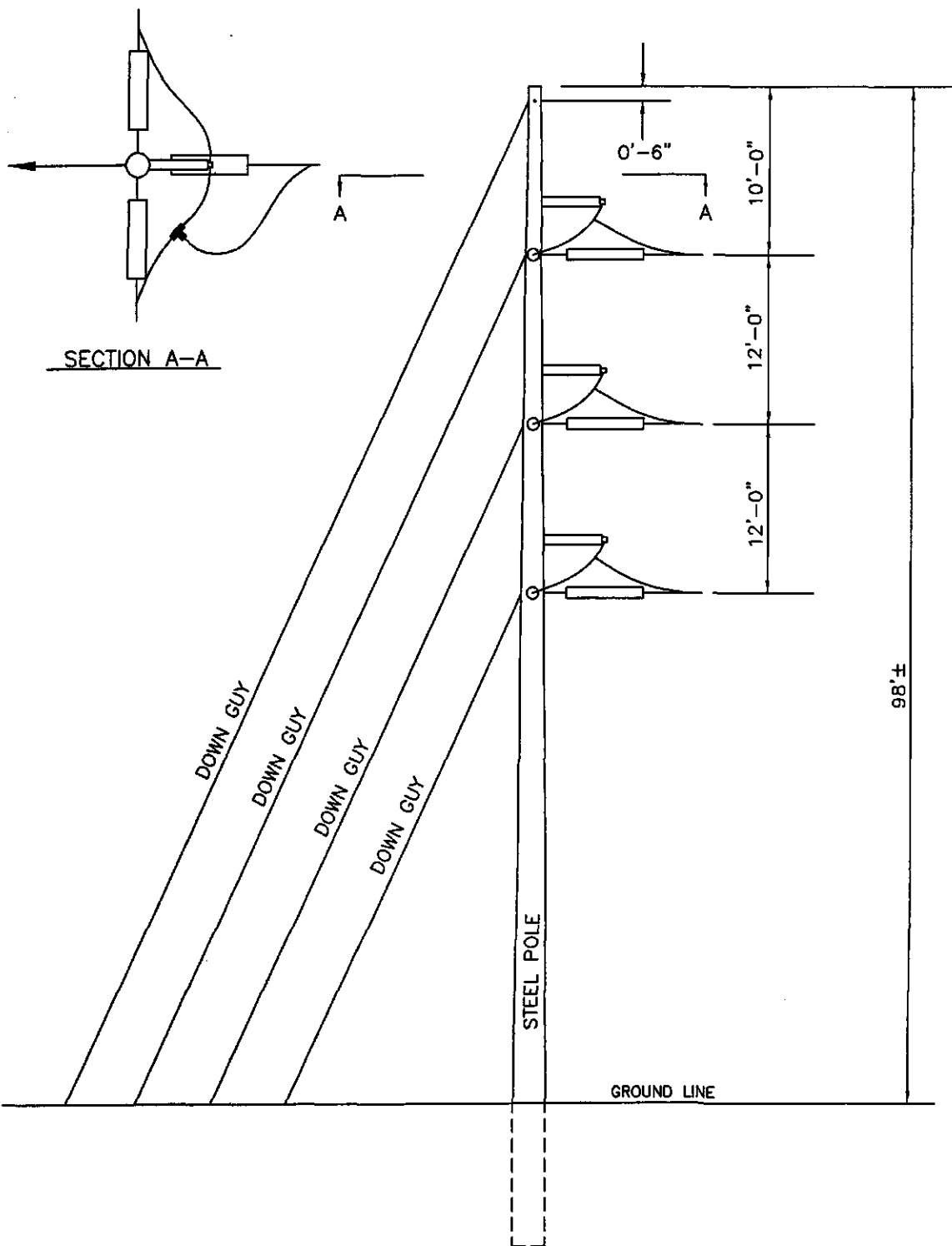
** NOT TO SCALE



ATSI
American Transmission Systems, Inc.
A FirstEnergy Company

STAR-URBAN
138 KV TRANSMISSION LINE TAP TO INVOLTA

EXHIBIT 2



ATSI.

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

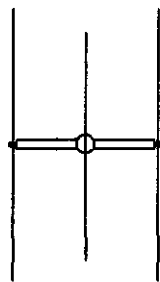
Ohio Edison

A FirstEnergy Company

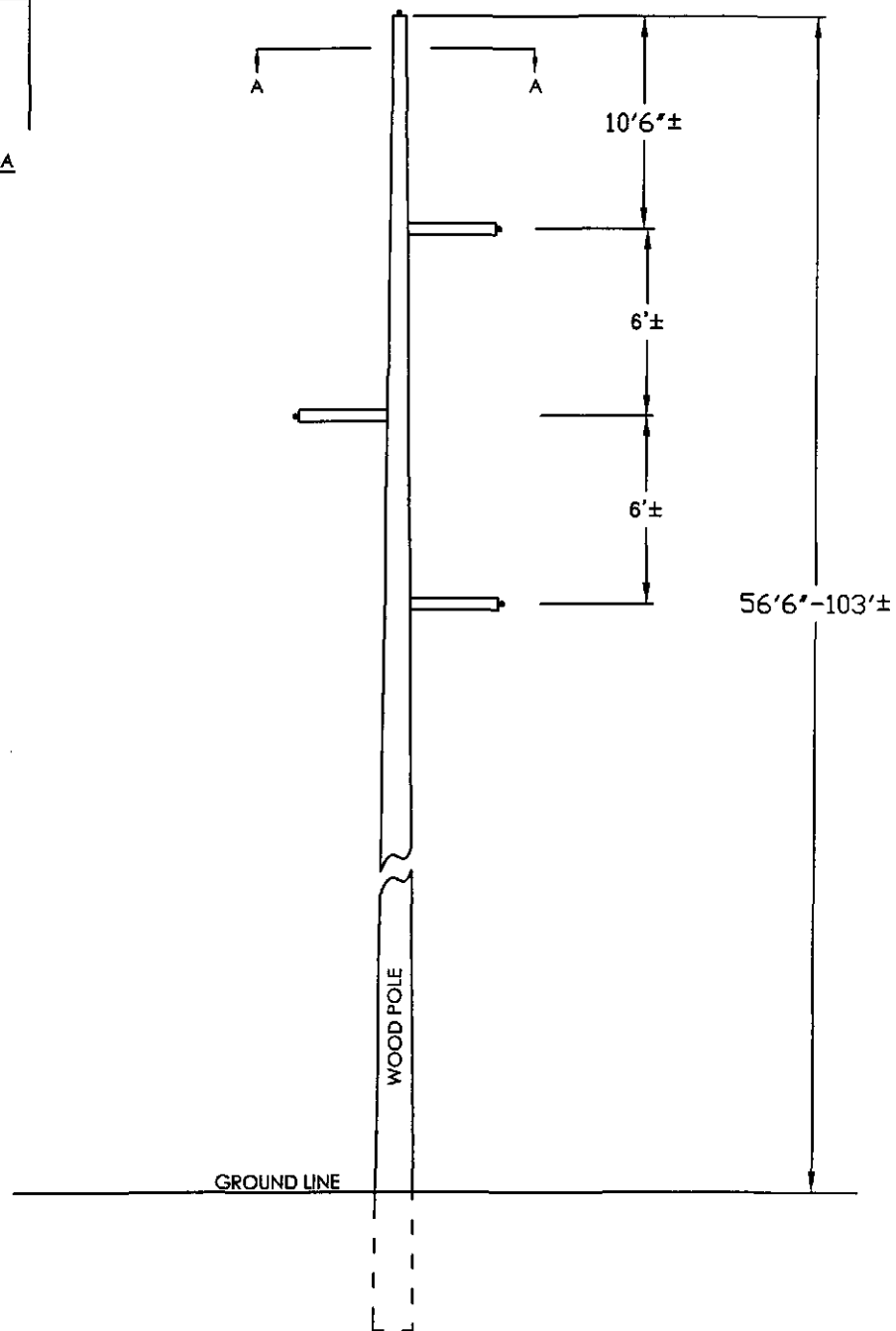
STAR-URBAN 138 kV TRANSMISSION LINE TAP TO
INVOLTA

TAP STRUCTURE WITH DISCONNECTABLE TAPS

EXHIBIT 3



SECTION A-A



ATSI.

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

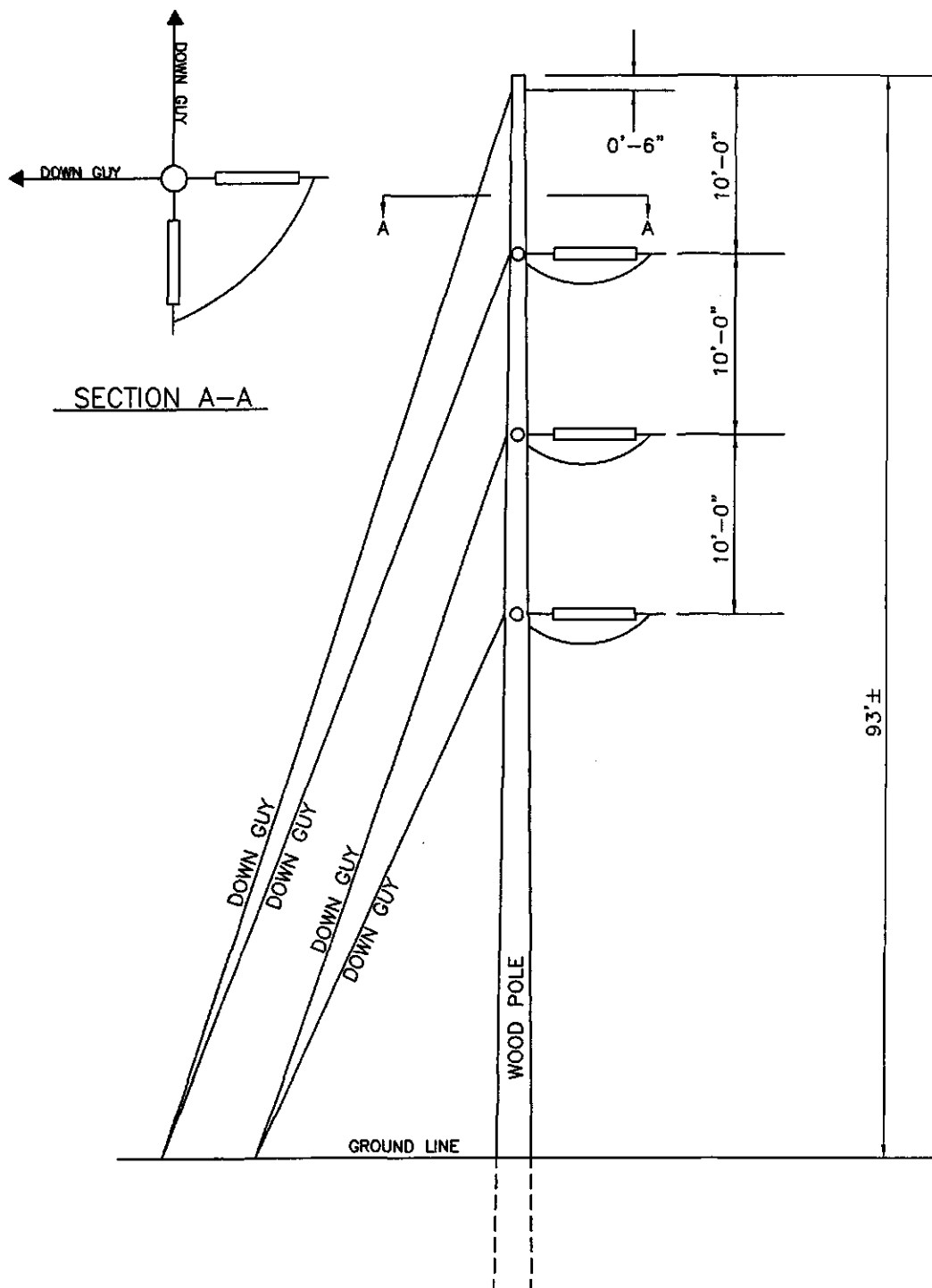
Ohio Edison

A FirstEnergy Company

STAR-URBAN 138 KV TRANSMISSION LINE TAP TO
INVOLTA

SINGLE CIRCUIT TANGENT POLE

EXHIBIT 4



ATSI.

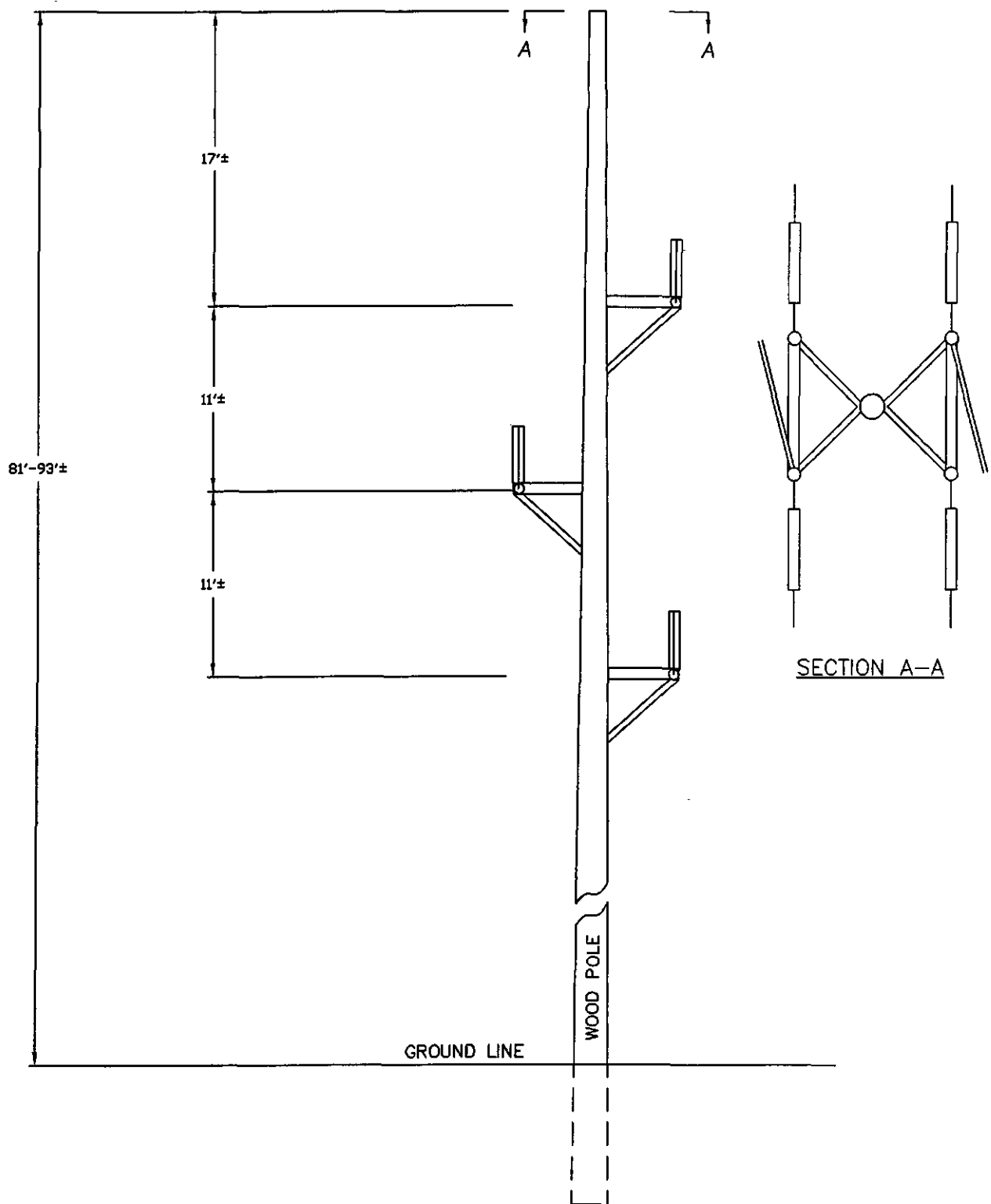
American Transmission Systems, Inc.
a subsidiary of FirstEnergy Corp.

Ohio Edison

A FirstEnergy Company

STAR-URBAN 138 KV TRANSMISSION LINE TAP TO
INVOLTA
SINGLE CIRCUIT CORNER DEAD END

EXHIBIT 5



ATSI.

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

Ohio Edison

A FirstEnergy Company

STAR-URBAN 138 kV TRANSMISSION LINE TAP TO
INVOLTA
SWITCH STRUCTURE

EXHIBIT 6

SECTION A-A

GROUND LINE

WOOD POLE

6'±

9.5'±

12'±

12'±

70-103±

ATSI.

American Transmission Systems, Inc.
A FirstEnergy Company

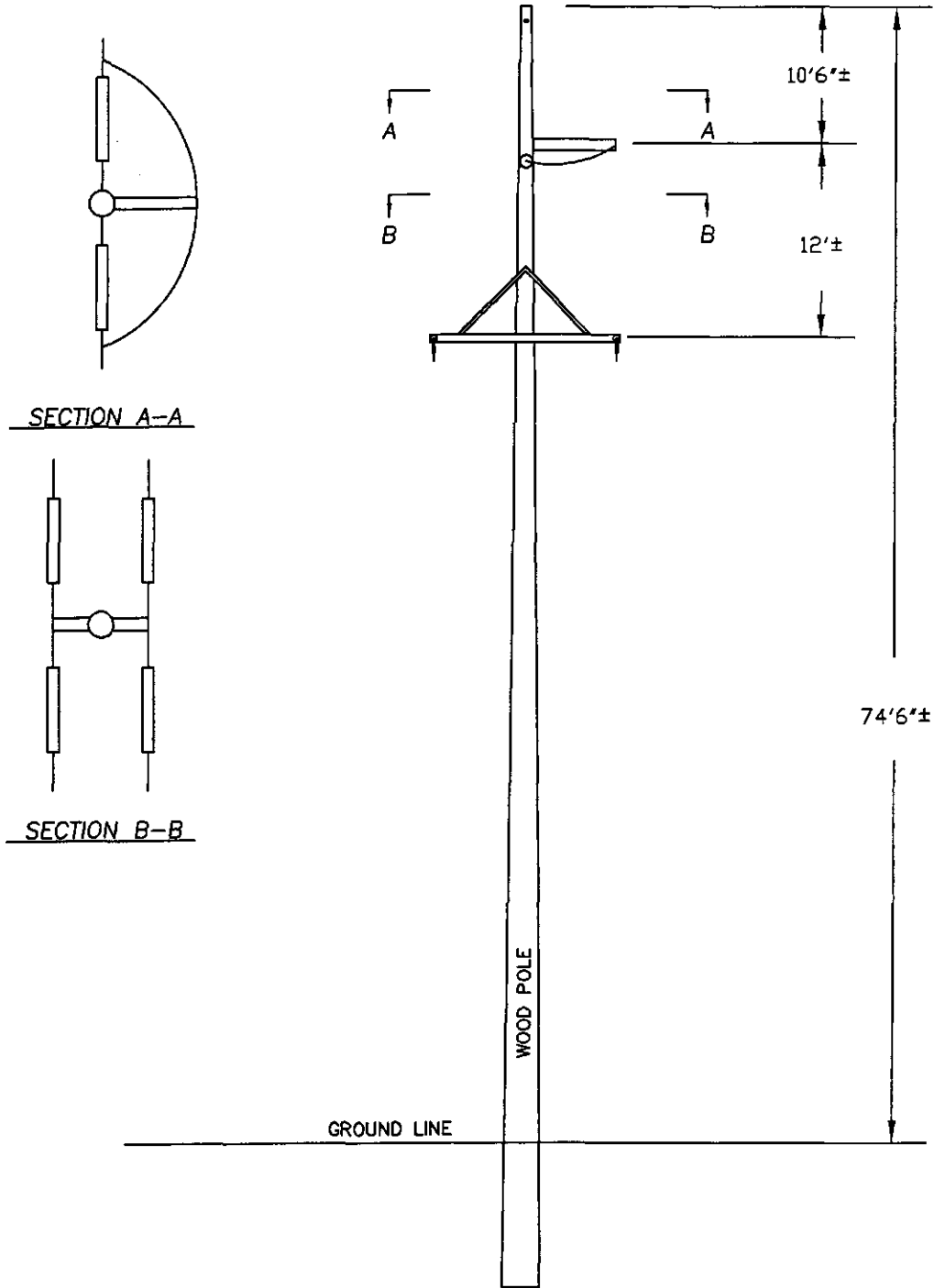
Ohio Edison

A FirstEnergy Company

STAR-URBAN 138 KV TRANSMISSION LINE TAP TO
INVOLTA
LIGHT ANGLE STRUCTURE

EXHIBIT 7

** NOT TO SCALE



ATSI

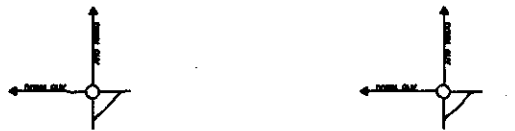
American Transmission Systems, Inc.
a subsidiary of FirstEnergy Corp.

Ohio Edison

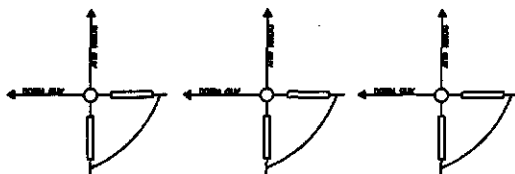
A FirstEnergy Company

STAR-URBAN 138 kV TRANSMISSION LINE TAP TO
INVOLTA
TANGENT DEAD END STRUCTURE

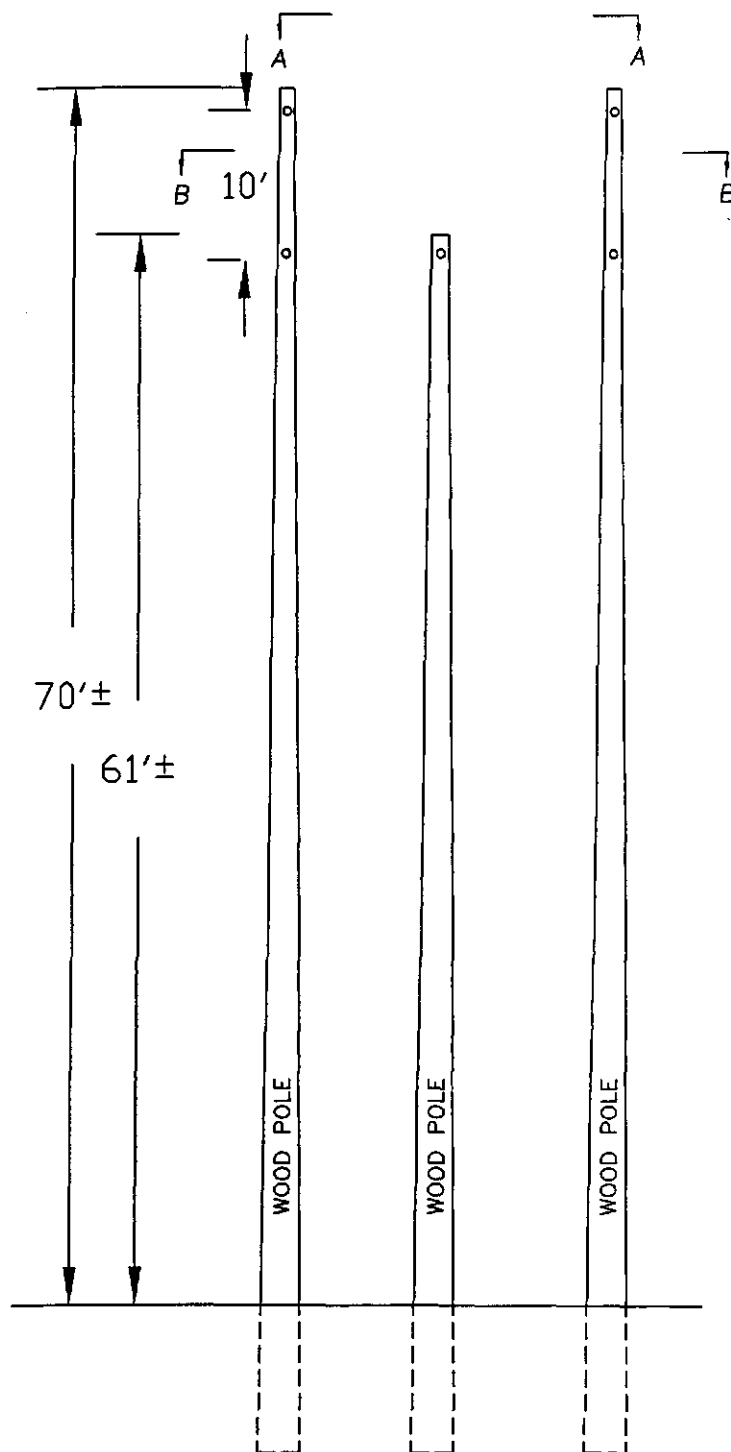
EXHIBIT 8



SECTION A-A



SECTION B-B



ATSI.

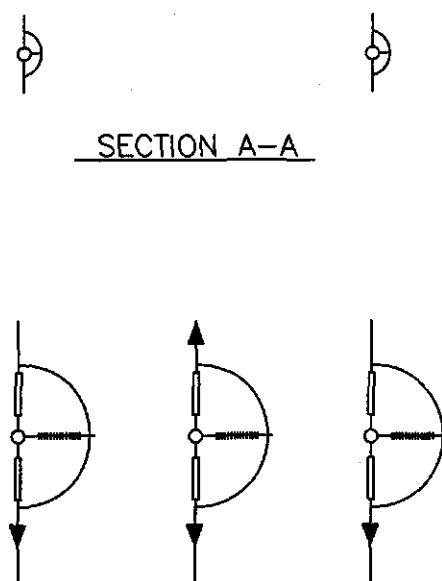
American Transmission Systems, Inc.
a subsidiary of FirstEnergy Corp.

Ohio Edison

A FirstEnergy Company

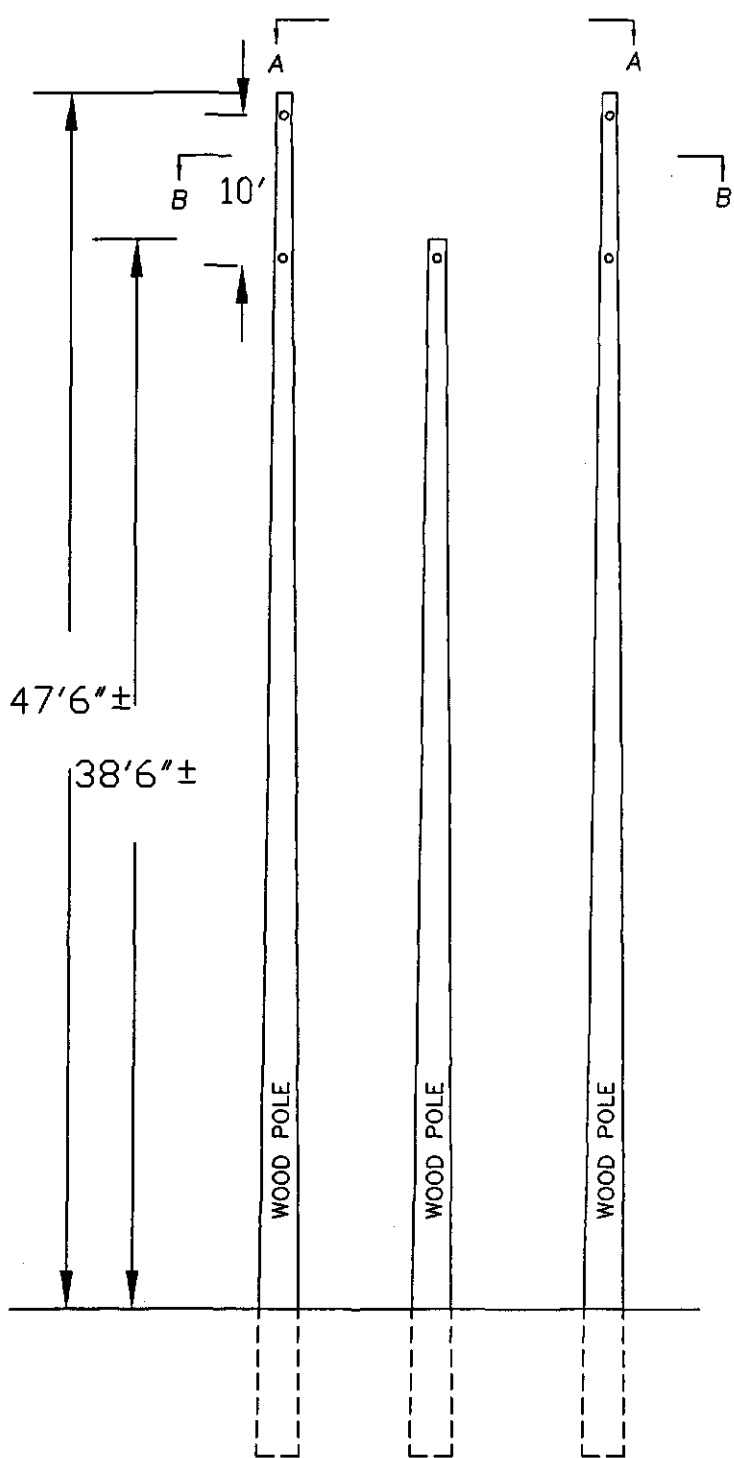
STAR-URBAN 138 kV TRANSMISSION LINE TAP TO
INVOLTA
3 POLE DEAD END STRUCTURE

EXHIBIT 9



SECTION A-A

SECTION B-B



ATSI. <small>American Transmission Systems, Inc. a subsidiary of FirstEnergy Corp.</small>	Ohio Edison A FirstEnergy Company
STAR-URBAN 138 kV TRANSMISSION LINE TAP TO INVOLTA 3 POLE TANGENT STRUCTURE	
EXHIBIT 10	



Ohio Department of Natural Resources

EXHIBIT 11

JOHN R. KASICH, GOVERNOR

DAVID MUSTINE, DIRECTOR

Ohio Division of Wildlife

Office of the Chief
2045 Morse Rd., Bldg. G
Columbus, OH 43229-6693
Phone: (614) 265-6300

January 25, 2011

Scott Humphrys
First Energy
76 S. Main St.
Akron, OH 44308

Dear Mr. Humphrys:

After reviewing our Biodiversity Database, I find the Division of Wildlife has no records of rare or endangered species in the Involta project area, including a one mile radius, in Akron, Summit County, and on the Akron West Quad. We are unaware of any unique ecological sites, geologic features, animal assemblages, scenic rivers, state wildlife areas, nature preserves, parks or forests, national wildlife refuges, parks or forests or other protected natural areas within a one mile radius of the project area.

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 black ink, appearing to read "Debbie Wolschke".

Debbie Wolschke, Ecological Analyst
Ohio Biodiversity Database Program