

December 27, 2011

Ms. Betty McCauley  
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 DEC 28 AM 11:23  
PUCO

**Letter of Notification**  
**Galion-Longview 138 kV Transmission Line**  
**New Structure Installation Project**  
**Case No. 11-4063-EL-BLN**

Dear Ms. McCauley:

In accordance with Rule 4906-1-11 American Transmission Systems, Incorporated ("ATSI"), a subsidiary of FirstEnergy Corp, transmits one (1) original and eleven (11) copies of the enclosed Letter of Notification for the above captioned project. In this project, ATSI is proposing to install one (1) new single pole switch structure in the Galion-Longview 138 kV Transmission Line. The Project is located northwest of the intersection of West 4<sup>th</sup> Street and Stumbo Road North in the city of Ontario, Richland 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

b) Name of proposed facilities:

Galion-Longview 138 kV Transmission Line New Structure  
Installation Project

c) Location of proposed project:

The Project is located northwest of the intersection of West 4<sup>th</sup> Street and Stumbo Road North in the city of Ontario, Richland County Ohio.

This is to certify that the enclosed document is a true and accurate and complete representation of the original document delivered in the regular course of business.  
Date Processed 12/28/11  
Technician AD

Ms. Betty McCauley/ Docketing

December 27, 2011

d) Description of proposed facilities:

The Project involves installing one (1) new structure in the existing Galion-Longview 138 kV Transmission Line.

e) Applicant's representative:

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

Attachments

**EXHIBIT 1**  
**OFFICIALS SERVED COPY OF LON**  
**Galion-Longview 138 kV Transmission Line**  
**New Structure Installation Project**  
**Case No. 11-       -EL-BLN**

**City of Ontario**

The Honorable Larry C. Collins  
Mayor, City of Ontario  
555 Stumbo Road  
Ontario, OH 44862

Mr. Jerrod Swinehart  
Director of Engineering, City of Ontario  
555 Stumbo Road  
Ontario, OH 44862

Mr. Dan Zeiter  
President, City of Ontario City Council  
555 Stumbo Road  
Ontario, OH 44862

Mr. Roger Heston, Director  
City of Ontario Department of  
Safety-Service  
555 Stumbo Road  
Ontario, OH 44862

**Richland County**

The Honorable Ed Olson  
Richland County Commissioner  
50 Park Avenue East  
Mansfield, OH 44902

Mr. Tom Beck, P.E., P.S.  
Richland County Engineer  
77 North Mulberry Street  
Mansfield, OH 44902

The Honorable Gary Utt  
Richland County Commissioner  
50 Park Avenue East  
Mansfield, OH 44902

Ms. Stacy Crall  
Clerk, Richland County Commissioners  
50 Park Avenue East  
Mansfield, OH 44902

The Honorable Tim Wert  
Richland County Commissioner  
50 Park Avenue East  
Mansfield, OH 44902

American Transmission Systems Incorporated  
Galion-Longview 138 kV Transmission Line  
New Structure Installation Project

December 27, 2011

The Honorable Larry C. Collins  
Mayor, City of Ontario  
555 Stumbo Road  
Ontario, OH 44862

**Letter of Notification**  
**Galion-Longview 138 kV Transmission Line**  
**New Structure Installation Project**  
**Case No. 11- -EL-BLN**

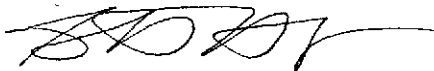
Dear Mayor Collins,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new single pole switch structure in the Galion-Longview 138 kV Transmission Line. The Project is located northwest of the intersection of West 4<sup>th</sup> Street and Stumbo Road North in the city of Ontario, Richland 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  
Transmission Specialist  
Energy Delivery Transmission and  
Substation Design  
FirstEnergy Service Company

Attachment

December 27, 2011

Mr. Dan Zeiter  
President, City of Ontario City Council  
555 Stumbo Road  
Ontario, OH 44862

**Letter of Notification**  
**Galion-Longview 138 kV Transmission Line**  
**New Structure Installation Project**  
**Case No. 11- -EL-BLN**

Dear Mr. Zeiter,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new single pole switch structure in the Galion-Longview 138 kV Transmission Line. The Project is located northwest of the intersection of West 4<sup>th</sup> Street and Stumbo Road North in the city of Ontario, Richland County Ohio.

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Sincerely,



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

Attachment

December 27, 2011

Mr. Jerrod Swinehart  
Director of Engineering, City of Ontario  
555 Stumbo Road  
Ontario, OH 44862

**Letter of Notification**  
**Galion-Longview 138 kV Transmission Line**  
**New Structure Installation Project**  
**Case No. 11-        -EL-BLN**

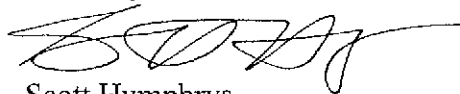
Dear Mr. Swinehart,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new single pole switch structure in the Galion-Longview 138 kV Transmission Line. The Project is located northwest of the intersection of West 4<sup>th</sup> Street and Stumbo Road North in the city of Ontario, Richland County Ohio.

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Sincerely,



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

Attachment

December 27, 2011

Mr. Roger Heston, Director  
City of Ontario Department of  
Safety-Service  
555 Stumbo Road  
Ontario, OH 44862

**Letter of Notification**  
**Galion-Longview 138 kV Transmission Line**  
**New Structure Installation Project**  
**Case No. 11-        -EL-BLN**

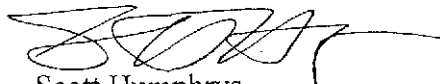
Dear Mr. Heston,

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Sincerely,



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

Attachment

December 27, 2011

The Honorable Ed Olson  
Richland County Commissioner  
50 Park Avenue East  
Mansfield, OH 44902

**Letter of Notification**  
**Galion-Longview 138 kV Transmission Line**  
**New Structure Installation Project**  
**Case No. 11- -EL-BLN**

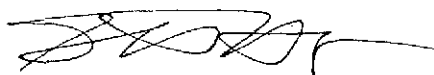
Dear Mr. Olson,

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Sincerely,



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

Attachment



December 27, 2011

The Honorable Gary Utt  
Richland County Commissioner  
50 Park Avenue East  
Mansfield, OH 44902

**Letter of Notification**  
**Galion-Longview 138 kV Transmission Line**  
**New Structure Installation Project**  
**Case No. 11- -EL-BLN**

Dear Mr. Utt,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new single pole switch structure in the Galion-Longview 138 kV Transmission Line. The Project is located northwest of the intersection of West 4<sup>th</sup> Street and Stumbo Road North in the city of Ontario, Richland 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  
Transmission Specialist  
Energy Delivery Transmission and  
Substation Design  
FirstEnergy Service Company

Attachment

December 27, 2011

The Honorable Tim Wert  
Richland County Commissioner  
50 Park Avenue East  
Mansfield, OH 44902

**Letter of Notification**  
**Galion-Longview 138 kV Transmission Line**  
**New Structure Installation Project**  
**Case No. 11- -EL-BLN**


Dear Mr. Wert,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new single pole switch structure in the Galion-Longview 138 kV Transmission Line. The Project is located northwest of the intersection of West 4<sup>th</sup> Street and Stumbo Road North in the city of Ontario, Richland 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.

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Sincerely,



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

Attachment

December 27, 2011

Mr. Tom Beck, P.E., P.S.  
Richland County Engineer  
77 North Mulberry Street  
Mansfield, OH 44902

**Letter of Notification**  
**Galion-Longview 138 kV Transmission Line**  
**New Structure Installation Project**  
**Case No. 11- -EL-BLN**

Dear Mr. Beck,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new single pole switch structure in the Galion-Longview 138 kV Transmission Line. The Project is located northwest of the intersection of West 4<sup>th</sup> Street and Stumbo Road North in the city of Ontario, Richland 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  
Transmission Specialist  
Energy Delivery Transmission and  
Substation Design  
FirstEnergy Service Company

Attachment

December 27, 2011

Ms. Stacy Crall  
Clerk, Richland County Commissioners  
50 Park Avenue East  
Mansfield, OH 44902

**Letter of Notification**  
**Galion-Longview 138 kV Transmission Line**  
**New Structure Installation Project**  
**Case No. 11-        -EL-BLN**

Dear Ms. Crall,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new single pole switch structure in the Galion-Longview 138 kV Transmission Line. The Project is located northwest of the intersection of West 4<sup>th</sup> Street and Stumbo Road North in the city of Ontario, Richland 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.

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Sincerely,



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

Attachment

RECEIVED-DOCKETING DIV  
2011 DEC 28 AM 11:23

PUCO

AMERICAN TRANSMISSION SYSTEMS, INCORPORATED  
A SUBSIDIARY OF FIRSTENERGY CORP.

LETTER OF NOTIFICATION

GALION-LONGVIEW  
138 kV TRANSMISSION LINE  
NEW STRUCTURE INSTALLATION  
PROJECT

OPSB CASE NO.: 11- 6063 -EL-BLN

December 27, 2011

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

**LETTER OF NOTIFICATION  
GALION-LONGVIEW 138 kV TRANSMISSION LINE  
NEW STRUCTURE INSTALLATION PROJECT**

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: Galion-Longview 138 kV Transmission Line New Structure Installation Project ("Project")

2011 LTFR Reference: This Project is not identified in FirstEnergy Corp.'s 2011 Electric Long-Term Forecast Report ("LTFR") submitted to the Public Utility Commission of Ohio in Case Number 11-1435-EL-FOR.

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

In the Galion-Longview 138 kV Transmission Line New Structure Installation Project, American Transmission Systems, Incorporated ("ATSI") a subsidiary of FirstEnergy Corp., is proposing to install one (1) single pole switch structure in the existing Galion-Longview 138 kV Transmission Line between structures 1964 and 1966. The Project is located northwest of the intersection of West 4<sup>th</sup> Street and Stumbo Road North in the city of Ontario, Richland County Ohio.

The general location of the Project is shown in Exhibit 1, which is a partial copy of the United States Geologic Survey, Richland County, Ohio, Quad Map, ID number 40082-G5. Exhibit 2 shows the general layout. Exhibit 3 shows the general typical details of the single pole switch structure to be installed in this Project.

**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 Items (4) (a) 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:

*(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 required.*

The proposed Project involves installing one (1) new structure in the existing Galion-Longview 138 kV Transmission Line and requires no new right-of-way.

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

This Project is needed to prevent network disruption from a customer substation. The GM Stamping Plant Substation, located adjacent to the Project area, has historically been fed by a 138 kV loop. The addition of the transmission switch and switch structure in this project, accompanied by the removal of the disconnectable taps and addition of jumpers from conductor to conductor, allows ATSI to bypass the GM Stamping Plant Substation, and feed it as a 138 kV tap. Bypassing the GM facilities will prevent breaker failure that could disrupt the current transmission network.

**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. 2011 Long-Term Forecast Report submitted to the PUCO in case no. 11-1435-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 Galion-Longview 138 kV Transmission Line. The project area is located approximately 6 ½

inches (11 by 17 inch printed version) from the left edge of the map box and 5 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.

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

There were no other alternatives considered.

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

Construction on the Project is expected to begin on approximately April 1, 2012 and is expected to be completed and placed in-service by May 31, 2012.

**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 North for approximately 55 miles. Take exit 165 for OH-97 toward Lexington/Bellville. Turn left onto OH-97 W and go 2.7 miles. Turn left onto East Main Street and go 0.7 miles. Turn right onto Plymouth Street and go 0.6 miles. Continue onto Lexington Springmill Road South and go 6.1 miles. Turn left onto W 4<sup>th</sup> St. The Project area will be on the left.

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

The Project will be constructed within existing easements in an existing transmission corridor. No new easements or rights of way are needed.

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

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

The new transmission line structure will be designed and constructed for 138 kV operations. The transmission line intermediate structure will have the following characteristics:



Voltage: 138 kV  
 Conductor: 477 MCM ACSR 26/7  
 Static Wire: 101.8 MCM ACSR 12/7  
 Insulators: Polymer Horizontal  
 Structure types: Exhibit No. 3 – Single Pole Switch Structure

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

The following table itemizes the line loading of the transmission lines at the section where the intermediate structure is being installed in this Project. 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 amps 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
Galion-Longview 138 kV Transmission Line	557	674	946

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. The model is based on a 75-foot wide right-of-way on fee owned property and a minimum conductor ground clearance of 24-feet and includes the nearby parallel circuits.

EMF CALCULATIONS		Electric Field kV/meter	Magnetic Field mGauss
Normal Loading	Under Lowest Conductors	0.60	25.33
	At Right-of-Way Edge	0.19	16.86
Emergency Loading	Under Lowest Conductors	0.60	30.65
	At Right-of-Way Edge	0.19	20.42
Winter Rating	Under Lowest Conductors	0.60	43.02
	At Right-of-Way Edge	0.19	28.80

## **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/emfrapid/home.htm>

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

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

Account	Cost
350 Land Rights, Engineering, Construction, etc.	\$ 40,000
355 Poles and Fixtures	\$ 6,000
356 Overhead Conductors & Devices	\$ 30,000
Removal	\$ 0
Total	\$ 76,000

### 4906-11-01 D: Socioeconomic Data

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

The Project area is located in an area occupied by commercial activity with some industrial activity also. Based on the U.S. Bureau of Census estimates, the 2000 population of the city of Ontario was 5,303, and the 2010 population of Richland County, Ohio was 124,475.

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

There is no agricultural land use within or near the footprint of this project. As such, this project will have no impact on agricultural land use.

#### 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 Ontario and Richland County, Ohio.

**City of Ontario**

The Honorable Larry C. Collins  
Mayor, City of Ontario  
555 Stumbo Road  
Ontario, OH 44862

Mr. Jerrod Swinehart  
Director of Engineering, City of Ontario  
555 Stumbo Road  
Ontario, OH 44862

Mr. Dan Zeiter  
President, City of Ontario City Council  
555 Stumbo Road  
Ontario, OH 44862

Mr. Roger Heston, Director  
City of Ontario Department of  
Safety-Service  
555 Stumbo Road  
Ontario, OH 44862

**Richland County**

The Honorable Ed Olson  
Richland County Commissioner  
50 Park Avenue East  
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Mr. Tom Beck, P.E., P.S.  
Richland County Engineer  
77 North Mulberry Street  
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The Honorable Gary Utt  
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50 Park Avenue East  
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Ms. Stacy Crall  
Clerk, Richland County Commissioners  
50 Park Avenue East  
Mansfield, OH 44902

The Honorable Tim Wert  
Richland County Commissioner  
50 Park Avenue East  
Mansfield, OH 44902

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, a subsidiary of FirstEnergy Corp., 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 (C) (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**

A written request was submitted to the Ohio Department of Natural Resources (ODNR) on November 16, 2011 to research the presence of any endangered, threatened, or rare species within the Project area. Based on the ODNR's response of November 17, 2011, shown in Exhibit 4, indicated that they have no records of rare or endangered species within one mile of the identified Project area.

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

The project is located in an open area along an established transmission line right-of-way. Visual observations of the project area did not indicate areas of ecological concern near 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.



CITY OF ONTARIO  
RICHLAND CO.  
STATE OF OHIO

TO GALION TO LONGVIEW

#1966

ONTARIO  
SUB

NEW WOOD SWITCH  
POLE  
(SW A-204)

W 4TH ST

#1964

STUMBO RD N

DE-ENERGIZE SPAN  
#1965-GM

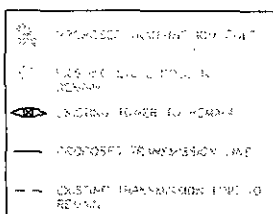
GM SUB

#1965

NEW COND.  
JUMPERS

EXISTING LOOP TO BE  
USED AS A TAP

INSTALL DISC.  
TAPS IN  
JUMPERS



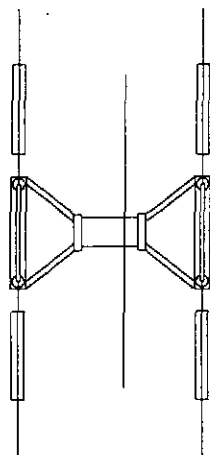
**ATSI**

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

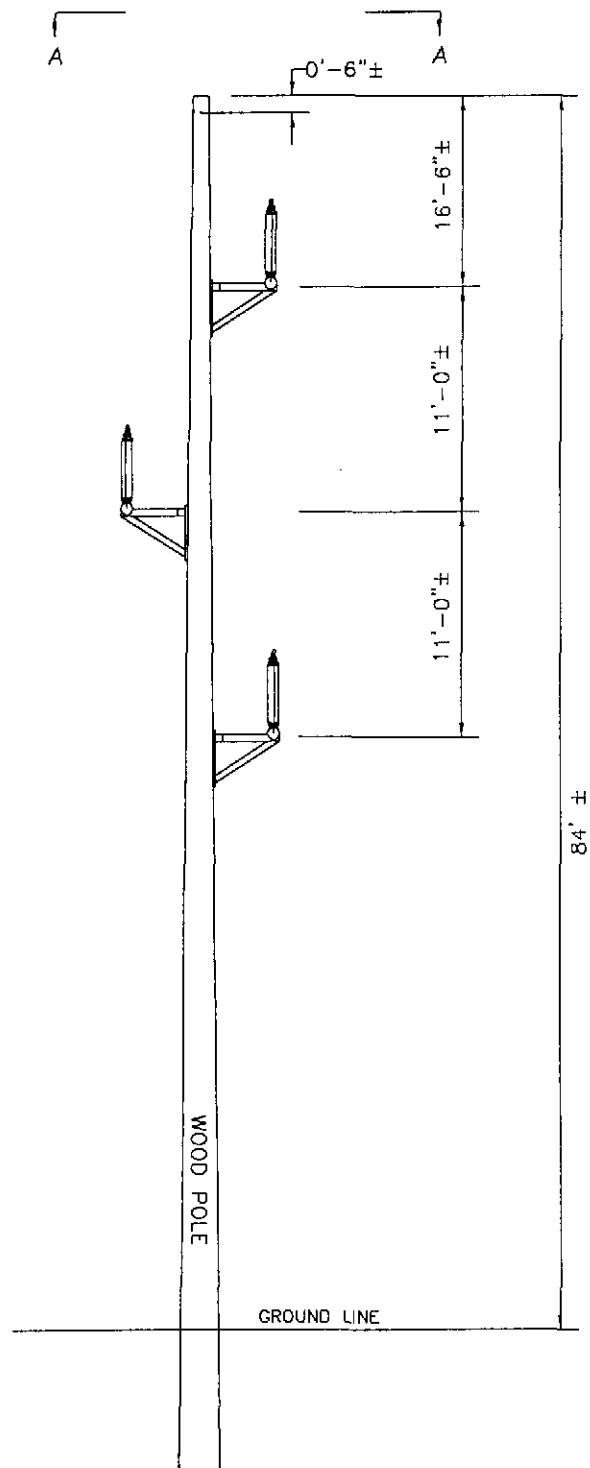
GALION-LONGVIEW 138 kV  
TRANSMISSION LINE  
PROJECT

GENERAL LAYOUT

EXHIBIT 2



SECTION A-A



**ATSI**®

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

GALION-LONGVIEW 138 kV  
TRANSMISSION LINE  
PROJECT

SINGLE CIRCUIT  
SWITCH STRUCTURE

EXHIBIT 3





# Ohio Department of Natural Resources

EXHIBIT 4

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

Ohio Division of Wildlife  
Scott A. Zody, Chief  
2045 Morse Rd., Bldg. G  
Columbus, OH 43229-6693  
Phone: (614) 265-8300

November 17, 2011

Jessica Thacker  
First Energy Services Co.  
76 S. Main St.  
Akron, OH 44308

Dear Ms. Thacker:

After reviewing the Biodiversity Database, I find the Division of Wildlife has no records of rare or endangered species in the New Galion-Longview 138 kV Line project area, including a one mile radius, at 2525 W. 4<sup>th</sup> St. in Springfield Township, Richland County, and on the Mansfield North 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 cursive script, appearing to read "Debbie Woischke".

Debbie Woischke, Ecological Analyst  
Ohio Biodiversity Database Program