

January 10, 2104

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

**Letter of Notification  
Toronto and Sammis Area 138 kV  
Transmission Line Rebuild and Reconnection Project  
Case No. 14-0037-EL-BLN**

Dear Ms. McNeal:

In accordance with Rule 4906-11-01 of the Ohio Administrative Code, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, is electronically filing the enclosed Letter of Notification.

In this project, ATSI is proposing to rebuild approximately 4.5 miles of the existing Sammis-Lowellville 138 kV Transmission Line. The existing Sammis - Lowellville 138 kV Transmission Line is currently inactive on the 4.5 mile line section from Sammis to the south to Toronto, and is currently configured in a 6-wire arrangement, where rather than two separate transmission line circuits each consisting of three conductors, the 6 existing transmission line conductors are connected with jumpers in three pairs to form one transmission line circuit. The proposed Project involves rebuilding the identified section of the existing transmission line to replace (or reconductor) the existing 300 kcmil copper conductors with a higher capacity 795 kcmil ACSS conductor. As a part of the Project, the existing steel lattice towers will be replaced with wooden H-frame structures and with some steel pole structures. The proposed Project extends from the site of the Sammis-Wylie Ridge 345 kV, East Akron-Sammis 138 kV and Sammis-Lowellville 138 kV Transmission Line Extensions to, and Installation of the Toronto Substation Project ("Toronto Substation Project") approximately 4.5 miles to Sammis Junction. Construction of the Toronto Substation Project is expected to commence in early 2014 and was previously proposed to and approved by the OPSB in Docket Number 12-1637-EL-BLN. Sammis Junction is the location of the junction of several transmission lines located approximately 1.5 miles west of the Sammis Substation and Sammis Generating Station.

Please be advised of the following:

- a) Name and address of the applicant: American Transmission Systems, Incorporated  
76 South Main Street  
Akron, Ohio 44308
- b) Name of proposed facilities: Toronto and Sammis Area 138 kV Transmission Line  
Rebuild and Reconnection Project
- c) Location of proposed facilities: The proposed 4.5-mile Sammis – Lowellville 138 kV Transmission Line is located on ATSI ROW within Knox and Saline townships in Jefferson County, Ohio.
- d) Description of proposed facilities: In this project, ATSI is proposing to reconstruct and reconfigure approximately 4.5 miles of the Sammis – Lowellville 138 kV Transmission Line between the Toronto Substation and the Sammis Junction. Existing structures will be replaced with wood H-frames or steel monopoles.
- e) Applicant's representative: Ted Krauss, Manager Siting, Survey and Right-of-way  
Transmission & Substation Design  
FirstEnergy Service Company  
76 South Main Street, A-GO-10  
Akron, Ohio 44308

We will provide 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 Letter of Notification. Copies of the transmittal letters addressed to the local government representatives are enclosed for your file.

Should the Ohio Power Siting Board desire further information or discussion of this submittal, please contact me at (330) 761-4268.

Sincerely,



Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

**AMERICAN TRANSMISSION SYSTEMS, INCORPORATED**  
**A FirstEnergy Company**

**LETTER OF NOTIFICATION**

**TORONTO AND SAMMIS AREA 138 kV TRANSMISSION  
LINE REBUILD AND RECONNECTION PROJECT**

**OPSB CASE NO. 14-0037-EL-BLN**

**January 10, 2014**

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

**LETTER OF NOTIFICATION  
TORONTO AND SAMMIS AREA 138 KV TRANSMISSION LINE  
REBUILD AND RECONNECTION PROJECT  
OPSB Case No. 14-0037-EL-BLN**

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

**4906-11-01(B): General Information**

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

Name of Project: Toronto and Sammis Area 138 kV Transmission Line  
Rebuild and Reconnection Project (“Project”)

2013 LTFR Reference: This Project is identified on page 106 in FirstEnergy Corp.’s 2013 Electric Long-Term Forecast Report (“LTFR”) submitted to the Public Utility Commission of Ohio in Case Number 13-0925-EL-FOR.

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

American Transmission Systems, Incorporated (“ATSI” or the “Applicant”), a FirstEnergy company, in the proposed Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project (“Project”) is seeking a Certificate of Environmental Compatibility and Public Need for the proposed reconstruction of approximately 4.5 miles of the existing Sammis – Lowellville 138 kV Transmission Line. The existing Sammis – Lowellville 138 kV Transmission Line is currently inactive on the 4.5-mile line section from Sammis Junction south to the new Toronto Substation. This section of 138 kV transmission line is currently configured in a 6-wire arrangement, where the six existing transmission line conductors are connected with jumpers in three pairs to form one transmission line circuit. This configuration differs from the typical three conductor configuration for a

138 kV circuit. The proposed Project involves rebuilding the section of the existing transmission line to replace (or reconductor) the existing 300 kcmil copper conductors with a higher capacity 795 kcmil ACSS conductor. As a part of the Project, the existing steel lattice towers will be replaced with a combination of two different wooden H-frame structure types and some steel pole structures. The proposed Project extends from the site of the Sammis – Wylie Ridge 345 kV, East Akron – Sammis 138 kV and Sammis – Lowellville 138 kV Transmission Line Extensions to, and Installation of the Toronto Substation Project (“Toronto Substation Project”) approximately 4.5 miles to Sammis Junction. Construction of the Toronto Substation Project is expected to commence in early 2014 and was approved by the OPSB in Docket Number 12-1637-EL-BLN. Sammis Junction is the location of the junction of several transmission lines approximately 1.5 miles west of the Sammis Substation and Sammis Generating Station.

As part of this Project, the 6-wire jumper connections will be removed resulting in two separate 138 kV transmission circuits. The eastern set of three conductors will become part of the Toronto – Sammis 138 kV Transmission Line which will extend from the Toronto Substation to Sammis Junction and then along existing facilities to terminate at the Sammis Substation. The western set of three conductors will become part of the Lowellville – Toronto 138 kV Transmission Line which will extend from Toronto Substation to Sammis Junction and then along existing facilities (a jumper will be installed beyond Sammis Junction to 6-wire these existing facilities) northward to terminate at the Lowellville Substation located in Poland Township in Mahoning County, Ohio.

Associated with the Project is a reconfiguration of two other existing transmission line circuits: the Sammis – Hagan 138 kV Transmission Line and the Sammis – Boardman 138 kV Transmission Line. A large portion of both of these circuits are presently 6-wired, and as part of the associated work, the jumpers will be removed on each of these circuits to reconfigure each into two separate 138 kV transmission line circuits.

This process will result in four transmission line circuits: Sammis – Hagan 138 kV

Transmission Line, Toronto – South Akron 138 kV Transmission Line, Toronto – Boardman 138 kV Transmission Line and the Sammis – Boardman 138 kV Transmission Line. As installing or removing jumpers does not typically involve extending transmission lines or installing additional transmission line structures, this type of reconfiguration work does not require approval by the Board and is not typically included in filings. However, it is identified here for clarity as it is to be conducted in conjunction with the proposed Project.

The general location of the proposed Project is shown in Exhibit 1. The structures to be used are shown in Exhibits 2A, 2B and 3.

**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 4(a) of the Interim Application Requirement Matrix for Electric Power Transmission Lines in the Finding and Order issued on September 4, 2012 in Case No. 12-1981-GE-BRO, as modified and expanded by the Second Finding and Order issued in that case on December 17, 2012, both of which modified Appendix A of Rule 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.*

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

Installation of the proposed Project is needed to prevent overload of the resulting Sammis – Toronto 138 kV and Lowellville – Toronto 138 kV transmission line circuits when the Toronto 345-138 kV Substation is put into service. The Toronto Substation Project is needed to address thermal overloads on the ATSI transmission

system due to generation retirements, and to provide improved voltage support to the region. The Toronto Substation Project utilizes a supply from an existing 345 kV transmission line (Sammis-Wylie Ridge) and includes the installation of a transmission substation with two 345 to 138 kV transformers to create a strong energy source to the connected 138 kV transmission lines (Toronto 138 kV lines going to: Lowellville, Sammis, South Akron, and Boardman substations). As part of implementation of the Toronto Substation Project, this 6-wire configuration between Sammis Junction and Toronto will be eliminated and two separate 138 kV circuits will result: Sammis-Toronto 138 kV and Lowellville – Toronto 138 kV.

When the Toronto Substation Project goes in service and the existing 6-wired Sammis – Lowellville 138 kV Transmission Line is separated into the Sammis – Toronto 138 kV and Lowellville – Toronto 138 kV transmission line circuits, the existing 300 kcmil copper conductors of the existing transmission line need to be replaced by the proposed 795 kcmil ACSS conductors to accommodate higher power flows on the 138 kV transmission system. The single 300 kcmil copper conductor has a summer emergency loadability of 189 MVA, which would become overloaded for various system contingencies. For example, with generators 1 & 2 at Sammis Generating Station not in operation, the 220 MVA power flow on the Sammis – Toronto 138 kV Transmission Line with single 300 kcmil copper conductor would be approximately 116% of the summer emergency rating during summer peak conditions, whereas with 795 kcmil ACSS conductor the circuit flow would be approximately 43% of the emergency rating during summer peak conditions, eliminating the overload condition.

#### **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 Ohio Edison Company, The Cleveland Electric Illuminating Company, The Toledo Edison Company and American Transmission Systems, Incorporated's 2013 Electric Long-Term Forecast Report ("LTFR"). This map was submitted to the PUCO in case no. 13-0925-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. The project area is located approximately 4½ inches (11 by 17 inch printed version) from the right edge of the map box and 3½ inches (11 by 17 inch printed version) from the bottom of the map box. The general location of the Project is shown in this LON as Exhibit 1.

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

Based on the need of the Project, the relatively short distance and the availability of existing transmission line facilities, no other practical alternative was identified or considered. The Project's proposed reconstruction and reconfiguration of the existing lines has the least impact on the surrounding area.

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

The initial construction of the Project is expected to include necessary tree clearing activities which may begin as early as February 10, 2014. Transmission line construction activities are expected to begin around June 1, 2014. The Project is expected to be completed and placed in-service by June 1, 2015. A request for expedited review will be submitted with the submittal of the Letter of Notification to support a February 10, 2014 start of construction.

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

The general location of the Project is shown in Exhibit 1. To locate and view the Project site from Columbus, Ohio, travel east on I-70 toward Pittsburgh, Pennsylvania for approximately 79 miles. Take Exit 180B to merge onto I-77 N toward Cleveland. Take exit 47 to merge onto US-22 E/Cadiz Road toward Cadiz. Continue to follow US-22 E for approximately 61 miles. Take the OH-213 N exit toward OH-7 N/E Liverpool. Merge onto OH-213 S. OH-213 S turns left and becomes OH-7 N. Continue on OH-7 N for approximately 9 miles. Take the exit toward OH-152/Empire/Richmond. After approximately 0.4 mile, turn right onto County Highway 7f/Old State Highway 7. Continue straight onto County Highway



7f/Old State Highway 7 for approximately 0.7 mile. The existing Sammis – Lowellville 138 kV Transmission Line terminates at the proposed Toronto Substation, which is located to the left on the southeast side of County Highway 7f/Old State Highway 7. The route continues north from Toronto, Ohio for approximately 4.5 miles along existing ROW to Sammis Junction.

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

The Sammis – Lowellville 138 kV Transmission Line reconstruction will occur within ATSI's existing ROW. No new property purchases, new easements or ROW is needed. A list of property owners crossed by the existing ROW is provided in Table 1. As final engineering and construction plans are developed for the Project, it may be advantageous to obtain additional temporary access rights for construction activities. The Applicant plans to only use off-ROW locations if they can be obtained through negotiations.

<b>Table 1. Existing Transmission ROW Easements or Property Owned by FirstEnergy Companies</b>		
<b>No.</b>	<b>Property Address<sup>1</sup></b>	<b>Parcel Number(s)</b>
1.	Marvin L. Bates 2067 Township 246 Toronto, Ohio 43964	15-02757-000
2.	James C. & Elizabeth Chaney 613 Country Road 68 Toronto, OH 43964	15-02156-001
3.	William Denoon Trustee 571 County Highway 52 Bergholz, OH 43908	16-01483-000, 16-01490-000, 15-00590-000, 15-02156-000
4.	Luke S. & April M. Furbee 80 Township 250 Toronto, OH 43964	15-02626-001
5.	Janie Sue Holland 1149 Country Road 68 Toronto, OH 43964	27-01599-000

<b>Table 1. Existing Transmission ROW Easements or Property Owned by FirstEnergy Companies</b>		
<b>No.</b>	<b>Property Address<sup>1</sup></b>	<b>Parcel Number(s)</b>
6.	Charles F. & Marilyn Sue Johnston P.O. Box 251 Empire, OH 43926	15-00571-000
7.	Nathaniel J. & Sarah J. Moses 1205 Madison Avenue Toronto, OH 43964	15-02156-008
8.	John L. White P.O. Box 226 Empire, OH 43926	15-00762-000
9.	Thomas & Loretta Day 124 Township Highway 250 Toronto, OH 43964	15-00328-000, 15-00327-000
10.	Malcolm P. Deuvall P.O. Box 157 Empire, OH 43926	15-00214-000
11.	Cheryl L. & William P. William P.O. Box 163 Empire, OH 43926	15-00215-000
12.	Ryan J. & Kristina Holland 1067 Country Road 68 Toronto, OH 43964	27-01599-001
13.	Robert W. & Heather L. Leggett 334 Township Road 250 Toronto, OH 43964	15-02156-006
14.	Ohio Edison Company 76 South Main Street Akron, OH 44308	27-03037-000, 16-03002-000, 16-03009-000, 16-03004-000, 16-03007-000, 16-01606-000, 15-00726-000
15.	Henry E. & Laura Sheets P.O. Box 346 Empire, OH 43926	15-02079-000, 15-00973-000
16.	William Warren 15699 State Route 152 Toronto, OH 43964	15-00579-000
17.	Richard A. & Cynthia J. Williamson 1512 Township 246 Toronto, OH 43964	15-02158-000

<sup>1</sup> Mailing addresses are shown in cases where physical property location addresses are not available.

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

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

The transmission line construction will have the following characteristics:

Voltage:	138 kV
Conductors:	795 kcmil 26/7 ACSS
Static wire:	7 Number 8 Alumoweld
Insulators:	Horizontal Post or Suspension Insulators
Structure Types:	Exhibit 2A: Wooden H-frame Structure Exhibit 2B: Wooden H-frame Structure Exhibit 3: Steel Pole Structure

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

The following calculations provide an approximation of the magnetic and electric fields strengths of the proposed Project. The calculations provide an approximation of the electric and magnetic field levels based on specific assumptions utilizing the Electric Power Research Institute (“EPRI”) EMF Workstation 2009 program software.

Factors that affect the level of magnetic and electric fields include variance in the ROW widths, daily and projected long-term transmission line loading, operating voltage, contingency operations, phase configuration, direction of current flows, conductor sag, ground elevation, unbalance conditions, and other nearby magnetic field sources or conductors of neutral current including water mains, metallic fences, and railroad tracks. Electric field computations assume that shrubs, trees, buildings, and other objects are not in close proximity to the facilities, as they produce significant shielding effects. Other transmission or distribution facilities in the vicinity of the line will also affect the calculated fields. For example, a double circuit loop configuration, with current flows in opposite directions, results in a partial reduction (cancellation) of the magnetic field levels. The model and calculations include a number of assumptions. Current flows are assumed in the direction expected under normal system operating conditions. The location of transmission line poles, attached

conductors and static wire, and line phasing are based on preliminary engineering layouts. Finally, the calculated field levels assume a reference point approximately 3 feet (1 meter) above ground.

Three loading conditions were modeled of the proposed transmission line. The three loading conditions represent: (1) normal maximum loading; (2) emergency line loading; and (3) winter normal conductor rating. The normal maximum loading represents the routine maximum load at which the transmission line will be operated. Daily current load levels will fluctuate below this level. The emergency maximum loading represents the maximum current flow in the transmission line under unusual circumstances and only for a short period of time. The winter normal conductor rating represents the maximum current flow that the conductor used on the project can withstand during winter conditions. It is not anticipated that the transmission line will be operated at the winter normal conductor rating level of current flow.

The transmission line loadings used in the calculations are presented in Table 2. The model of the 138 kV transmission line was based on typical transmission line corridor ROW widths for the proposed Project.

<b>Table 2. Transmission Line Loadings Used for EMF Calculations</b>			
<b>Transmission Line Name</b>	<b>Normal Loading Amps</b>	<b>Emergency Loading Amps</b>	<b>Winter Rating Amps</b>
Sammis – Lowellville 138 kV	378	517	1307
Boardman – Sammis 138 kV	386	586	1307

The calculated electric and magnetic fields are shown in Table 3.

<b>Table 3. EMF Calculations</b>				
<b>Transmission Lines</b>	<b>EMF Calculations</b>		<b>Electric Field kV/meter</b>	<b>Magnetic Field mGauss</b>
Sammis – Lowellville 138 kV Boardman – Sammis 138 kV	Normal Loading	Under Lowest Conductors	0.61	16.38
		At ROW Edges	0.15/0.31	11.9/14.2
	Emergency Loading	Under Lowest Conductors	0.61	24.72
		At ROW Edges	0.15/0.31	17.9/19.7
	Winter Rating	Under Lowest Conductors	0.61	55.55
		At ROW Edges	0.15/0.31	41.248.5

### **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.

#### **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 the Federal Energy Regulatory Commission (“FERC”) Accounts for the proposed Project are:

Account	Cost
350 Land Rights, Engineering, etc.	\$ 8,700,000
353 Substation Equipment	\$ 0
355 Transmission Poles and Fixtures	\$ 1,650,000
356 Overhead Conductors & Devices	<u>\$ 440,000</u>
Total	\$ 10,800,000

## **4906-11-01(D): Socioeconomic Data**

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

Based on aerial imagery, land use within 1,000 feet of the Project varies between a mix of rural residential, agricultural, and forested uses between Sammis Junction and the proposed Toronto Substation. North and west of the proposed Toronto Substation, land use along the route is generally forested and rural residential before shifting to predominantly agricultural and residential land uses as the route approaches Sammis Junction. Table 4 identifies the land use type within 1,000 feet of the Project, based on the 2006 National Land Cover Data (“NLCD”).

<b>Table 4. Land Use Types within 1,000 feet</b>	
<b>Land Use Type</b>	<b>Percent Within 1,000-feet of Sammis – Lowellville Line<sup>1</sup></b>
Agriculture	10.0%
Developed, High Intensity	0.4%
Developed, Low Intensity	1.2%
Developed, Medium Intensity	0.9%
Developed, Open Space	7.2%
Forest	76.9%
Grassland	3.3%

The Project is located entirely within Jefferson County in Knox and Saline townships. Table 5 identifies the Study Area demographics for the counties and municipalities traversed by or within 1,000 feet of the Project.

---

<sup>1</sup> Total may not add to 100% due to rounding

<b>Table 5. Study Area Demographics</b>					
<b>Municipality</b>	<b>2010 Population</b>	<b>2000 Population</b>	<b>Percent Change</b>	<b>Average Household Size</b>	<b>Median Household Income</b>
<i>Jefferson County</i>	69,709	73,894	-5.7%	2.35	\$39,453
Knox Township	4,670	5,011	-6.8%	2.27	\$29,752
Saline Township	1,353	1,454	-6.9%	2.48	\$55,734

Sources: U.S. Census Bureau, Census 2010 Summary File 1 and U.S. Census Bureau, Census 2000 Summary File 1.

Based on a review of aerial imagery, 13 residences are located within 1,000 feet of the Project corridor. None are located within 100 feet.

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

ATSI's siting and permitting consultant, The Louis Berger Group, Inc. ("Louis Berger") contacted the Jefferson County auditor on December 8, 2012 to obtain information on Agricultural District land. The Jefferson County auditor indicated that no Agricultural District land is crossed or located within 1,000 feet of the Sammis – Lowellville line. Louis Berger followed up with the Jefferson County auditor via telephone on November 21, 2013. During this conversation, the Auditor indicated that there are no Agricultural District data updates within the Project area. The November 2013 communication with the County Auditor fulfills the requirement of the Ohio Administrative Code ("OAC") 4906-11-01 (D)(2), which states that this data must be collected not more than 60 days prior to submittal.

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

A search of the Ohio Historic Preservation Office ("OHPO") National Register of Historic Places on-line database was conducted as part of ATSI's investigation of the Project. The data gathered during this analysis included National Register of Historic Places ("NRHP") properties, historic districts, previously identified archaeology sites and architectural resources and cemeteries, and previously surveyed archaeological and architectural areas. No archaeological sites or historic architectural resources are



traversed by the ROW. There are also no recorded archaeological sites or historic architectural resources within 100 feet or 1,000 feet of the ROW.

ATSI submitted a letter to the OHPO on April 30, 2013, describing the Sammis – Lowellville 138 kV Transmission Line Reconstruction project. OHPO's response dated May 6, 2013 requests archaeological investigations of areas where new ground-disturbing activities will occur. The OHPO's response also requests documentation of any previously recorded architectural resources and unrecorded architectural resources 50 years of age or older that will have visibility to the Project.

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

This Letter of Notification is being provided concurrently to the officials of Knox and Saline townships, and Jefferson County, Ohio. 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.

**Jefferson County**

David C Maple Jr., County Commissioner  
Jefferson County  
301 Market Street, First Floor  
Steubenville, Ohio 43952

Thomas G Gentile, County Commissioner  
Jefferson County  
301 Market Street, First Floor  
Steubenville, Ohio 43952

Thomas E Graham, County Commissioner  
Jefferson County  
301 Market Street, First Floor  
Steubenville, Ohio 43952

John A. Corrigan, County Clerk of Court  
Jefferson County Courts  
P.O. Box 1326  
Steubenville, Ohio 43952

Domenick Mucci, Jr, Director  
Jefferson County Regional Planning  
Commission  
500 Market Street, Suite 614  
Steubenville, Ohio 43952

Jim Branagan, County Engineer  
Jefferson County  
598 State Route 43  
Wintersville, Ohio 43953

Alan Hall, Director, PLSJ  
Toronto Public Library  
607 Daniels Street  
Toronto, Ohio 43964

### **Knox Township**

Donald R. Elder, Trustee  
Knox Township  
15006 State Route 152  
Toronto, Ohio 43964

Donald L. Miller, Trustee  
Knox Township  
998 County Road 47  
Toronto, Ohio 43964

John M. Danko, Trustee  
Knox Township  
56 Township Road 244  
Toronto, Ohio 43964

Angie Renee Allison, Fiscal Officer  
Knox Township  
2407 Township Road 246  
Toronto, Ohio 43964

### **Saline Township**

Donald F. Fraley, Fiscal Officer  
104 Creek St.  
PO Box 235  
Irondale, OH 43932

Charles E. Crawford, Trustee  
33 Broadway St.  
PO Box 73  
Irondale, OH 43932

Danny Lee Householder, Trustee  
69 Morgan St.  
PO Box 162  
Irondale, OH 43932

Donald Samuel Wilson, Trustee  
74 Diamond St.  
PO Box 244  
Irondale, OH 43932

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

This Project will occur within existing transmission rights-of-way. ATSI's manager of External Affairs will advise local officials of features and the status of the proposed 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**

The Applicant anticipates submitting a Notice of Intent ("NOI") for coverage under Ohio EPA General National Pollutant Discharge Elimination System ("NPDES") Permit for Discharges Associated with Construction Activities. Based on preliminary engineering, no wetland or stream impacts are anticipated for the Project. Clearance

has been received from the U.S. Fish and Wildlife Service (“USFWS”) and the Ohio Department of Natural Resources (“ODNR”) for federal and state listed species. ATSI will continue consultation with the OHPO.

#### **4906-11-01(E): Environmental Data**

As part of the preparation of this Application, ATSI and Louis Berger conducted a detailed desktop review of published ecological information within 1,000 feet of the proposed transmission lines through the review of aerial photography, USGS maps, USFWS National Wetlands Inventory (“NWI”) maps, and U.S. Department of Agriculture (“USDA”) Natural Resources Conservation Service (“NRCS”) soil survey maps. Additional information regarding endemic vegetation and wildlife was obtained from the Ohio Department of Natural Resources – Division of Wildlife (“ODNR-DOW”) Ohio Biodiversity Database.

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

A written request was submitted to the USFWS and the ODNR on April 19, 2013 to research the presence of any endangered, threatened, or rare species within the vicinity of the Project. The USFWS’s response dated April 30, 2013 indicated that the Project is located within the range of the federally endangered Indiana bat (*Myotis sodalis*). As stated in the USFWS response, summer habitat requirements for the Indiana bat consist of:

- 1) Dead or live trees and snags with peeling or exfoliating bark, split tree trunk and/or branches, or cavities, which may be used as maternity roost areas;
- 2) Live trees (such as shagbark hickory and oaks) which have exfoliating bark;
- 3) Stream corridors, riparian areas, and upland woodlots which provide forage sites.

USFWS recommends avoiding habitat that meets the above criteria. However, if these trees cannot be avoided, the USFWS provided clearance provided that any clearing is conducted between October 1 and March 31. Only limited, if any, tree clearing is required within the transmission ROW, which is already maintained in accordance

with ATSI's vegetation management program. Some additional tree clearing may be required within temporary access roads. ATSI will conduct any required tree clearing between October 1 and March 31.

The ODNR's June 24, 2013 response also stated that the Project is within the range of the Indiana bat. The ODNR also indicated that the Project is within the range of the black bear (*Ursus americanus*), a state endangered species, but due to the mobility of this species, the Project is not likely to impact the black bear. The ODNR indicated that the Project is within the range of the sheepnose (*Plethobasus cyphus*), a state and federal endangered mussel, and snuffbox (*Epioblasma triquetra*), a state and federal endangered mussel. If no in-water work is proposed, the Project is not likely to impact these species. The ODNR indicated that the Project is within the range of the eastern hellbender (*Cryptobranchus alleganiensis*), a state endangered amphibian currently being evaluated for Federal Candidate status. ODNR recommends that the proposed Project be developed to minimize indirect stream impacts (i.e., preserve wide riparian buffers, maximize erosion control, maximize permeable surfaces and stormwater retention). No in-water work is proposed; therefore, no impacts to the endangered mussels or the eastern hellbender are anticipated.

The ODNR provided a GIS shapefile that identifies reported locations of threatened, endangered, or species of special concern within 1,000 feet of the Project boundaries. Based on this file, the ODNR has records of species located within Croxton Run (approximately 1,000 feet south of the Project) and the Ohio River. Three species, the channel darter (*Percina copelandi*), a threatened species, river redhorse (*Moxostoma carinatum*), species of concern, and longnose dace (*Rhinichthys cataractae*), species of concern, were previously identified in three locations approximately 700 to 2,230 feet from the proposed Project. Since no in-water work is proposed for the Ohio River, the Project is not anticipated to impact these species.

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

### **Wetland Delineation**

Louis Berger conducted field wetland delineation within the Project ROW and off-ROW temporary access roads and construction areas in April 2013 and October 2013. Wetlands were delineated in accordance with the Ohio Environmental Protection Agency (“OEPA”) Ohio Rapid Assessment Method for Wetlands v. 5.0 (“ORAM”). ORAM was developed to determine the relative ecological quality and level of disturbance of a particular wetland in order to meet requirements under Section 401 of the Clean Water Act. Each wetland is given a score using a range from 0 (low quality and high disturbance) to 100 (high quality and low disturbance). Wetlands scored from 0 to 29.9 are grouped into “Category 1,” 30 to 59.9 are “Category 2,” and 60 to 100 are “Category 3.” Table 6 provides a summary of the number, length, acreage and quality of each wetland type discussed.

<b>Table 6. Summary of Delineated Wetlands within the Project Area</b>					
<b>Cowardin Wetland Type</b>	<b>No. of Wetlands</b>	<b>Category 1</b>	<b>Category 2</b>	<b>Category 3</b>	<b>Acreage within Project Area</b>
PEM	16	7	9 <sup>2</sup>	0	1.16
PUB <sup>1</sup>	1	NA	NA	0	0.01
<b>Total</b>	<b>17</b>	<b>7</b>	<b>9</b>	<b>0</b>	<b>1.17</b>

<sup>1</sup> Total included one PUB wetland not scored using ORAM.

<sup>2</sup> Four of the wetlands are dual Category 1/2 wetlands.

Sixteen palustrine emergent (“PEM”) wetlands were delineated within the Sammis – Lowellville Project Area. Of these, seven are Category 1 wetlands, five are Category 2 wetlands and four are Category 1/2 wetlands. The Category 1/2 wetlands are identified under Category 2 in Table 6. One palustrine unconsolidated bottom (“PUB”) wetland was also identified within the Project area. Based on preliminary design, no impacts to wetlands are anticipated as part of the Project.

Fourteen streams were delineated within the Project Area, including seven ephemeral streams, three intermittent streams, and four perennial streams. All 14 streams were assessed using the headwater habitat evaluation index (“HHEI”) methodology (drainage area less than 1 square mile). Table 7 provides a summary of the number, type, and quality of HHEI streams crossed, which is provided for reference only.

<b>Table 7. Summary of HHEI Streams within the Project Area</b>				
<b>Stream Attributes</b>	<b>Flow Regime</b>			<b>Total</b>
	<b>Ephemeral (RE)</b>	<b>Intermittent (R4)</b>	<b>Perennial (R3)</b>	
<b>No. Streams</b>	7	3	4	14
<b>Linear Feet within Survey Area</b>	1,088	644	3,306	5,038
<b>Mod. Class I PHWH</b>	0	0	0	0
<b>Class I PHWH</b>	3	0	0	3
<b>Mod. Class II PHWH</b>	0	0	0	0
<b>Class II PHWH</b>	4	0	0	4
<b>Mod. Class III PHWH</b>	0	0	0	0
<b>Class III PHWH</b>	0	0	4	4
<b>Rheocrene Potential</b>	0	3	0	3

The OEPA has established aquatic life use designations as part of Ohio’s water quality standards for streams throughout Ohio in OAC-3745-1-07. None of the delineated streams have OEPA aquatic life use designations. No other areas of ecological concern were identified within the Project area.

#### Conservation and Recreation Lands and Scenic Rivers

The Project will not traverse any conservation or recreation lands. No scenic rivers will be crossed or otherwise impacted by 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 National Electric Safety Code (“NESC”) as adopted by the PUCO and will meet all applicable safety standards established by Occupational Safety and Health Administration (“OSHA”).

---

---

**Exhibit 1**  
**Project Location Map**

---

---





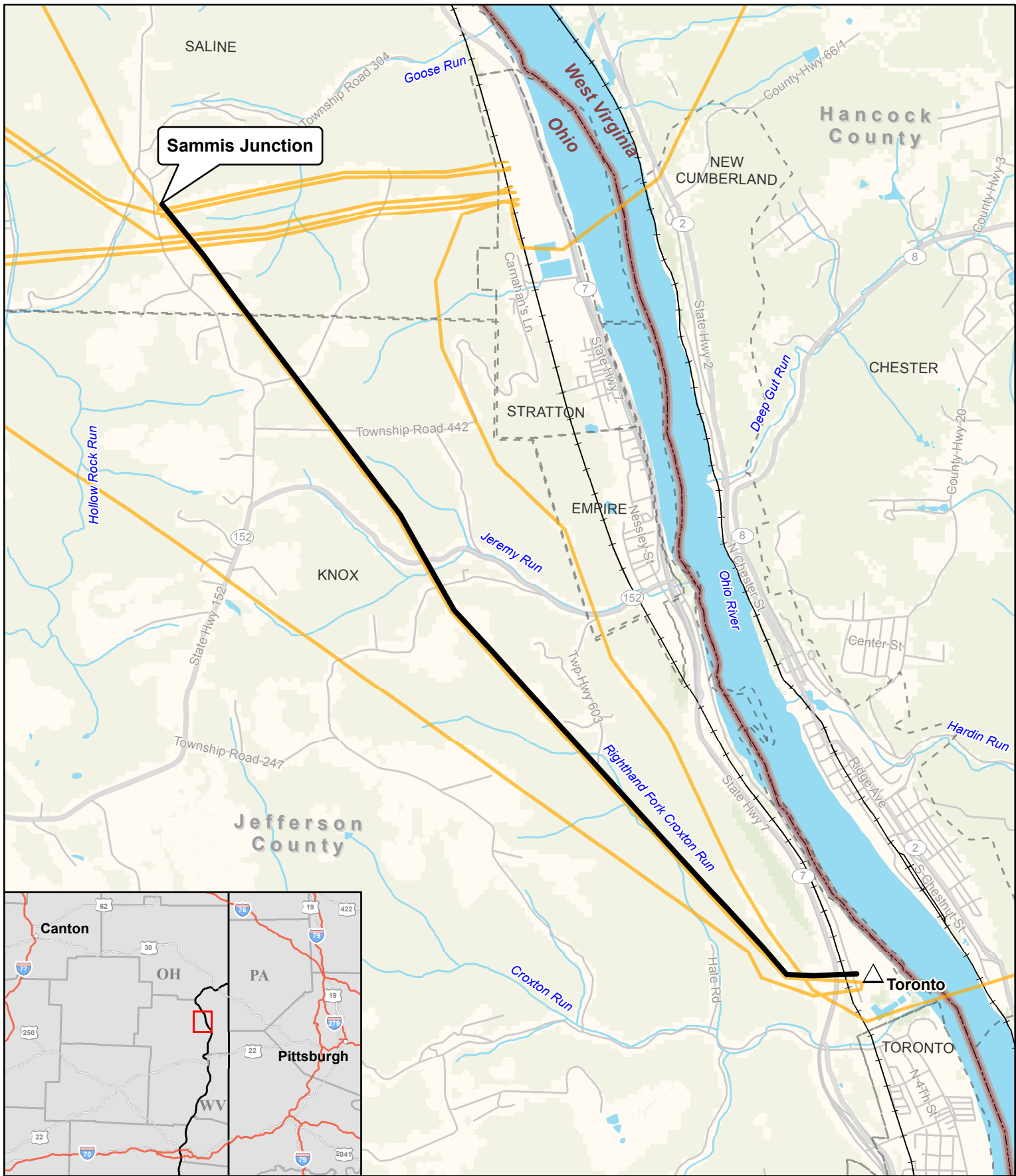









Exhibit 1: Toronto and Sammis  
Area 138 kV Rebuild and  
Reconfiguration Project

**Legend**

-  Substation
-  Sammis - Lowellville 138 kV Line
-  Existing Transmission
-  Stream/Waterbody
-  Municipality Boundary
-  County Boundary
-  State Boundary

0 2,500 5,000  
Feet



**ATSI**

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

Projected Coordinate System: State Plane Ohio  
North FIPS 3401  
Datum: North American Datum of 1983 (NAD83).  
Projection: Lambert Conformal Conic.  
Linear Unit: Feet.



---

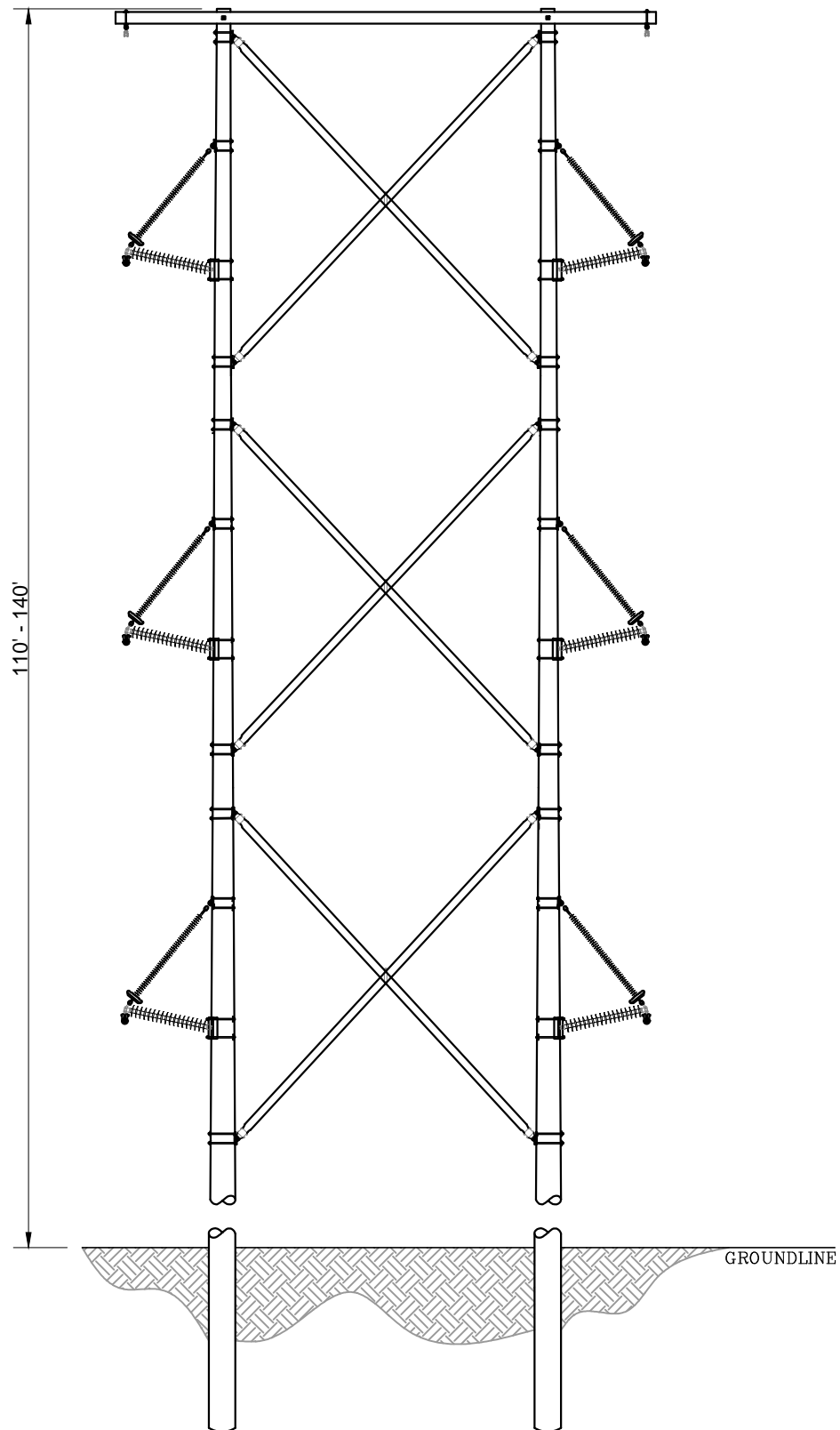
---

**Exhibit 2A**  
**H-Frame Structure**

---

---





**ATSI**<sup>®</sup>

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

TORONTO AND SAMMIS AREA  
138 KV REBUILD AND  
RECONFIGURATION PROJECT

NEW DOUBLE CIRCUIT  
SUSPENSION H-FRAME

EXHIBIT 2A



---

---

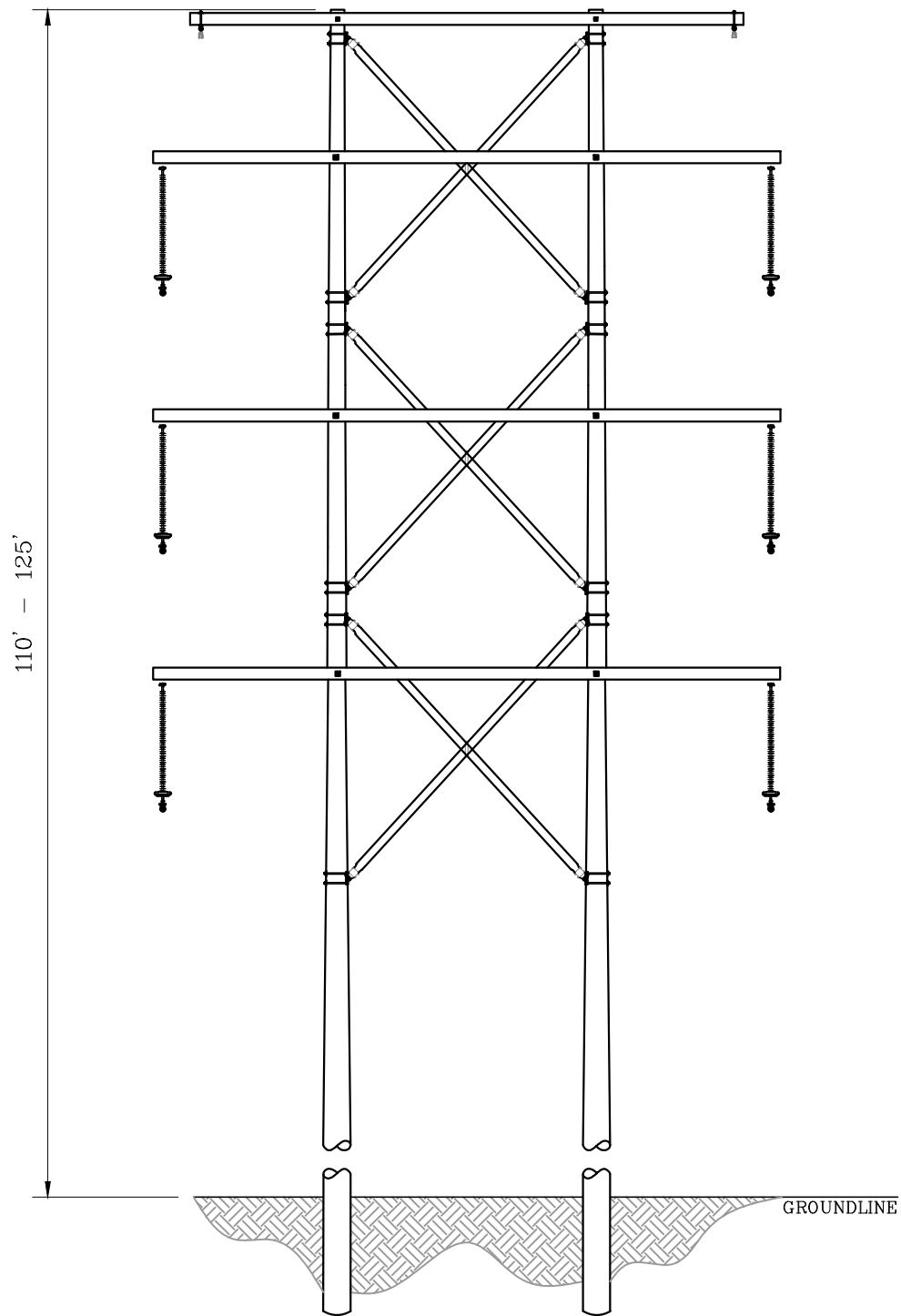
**Exhibit 2B**  
**H-Frame Structure**

---

---







**ATSI**<sup>®</sup>

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

TORONTO AND SAMMIS AREA  
138 KV REBUILD AND  
RECONFIGURATION PROJECT

NEW DOUBLE CIRCUIT  
SUSPENSION H-FRAME

EXHIBIT 2B



---

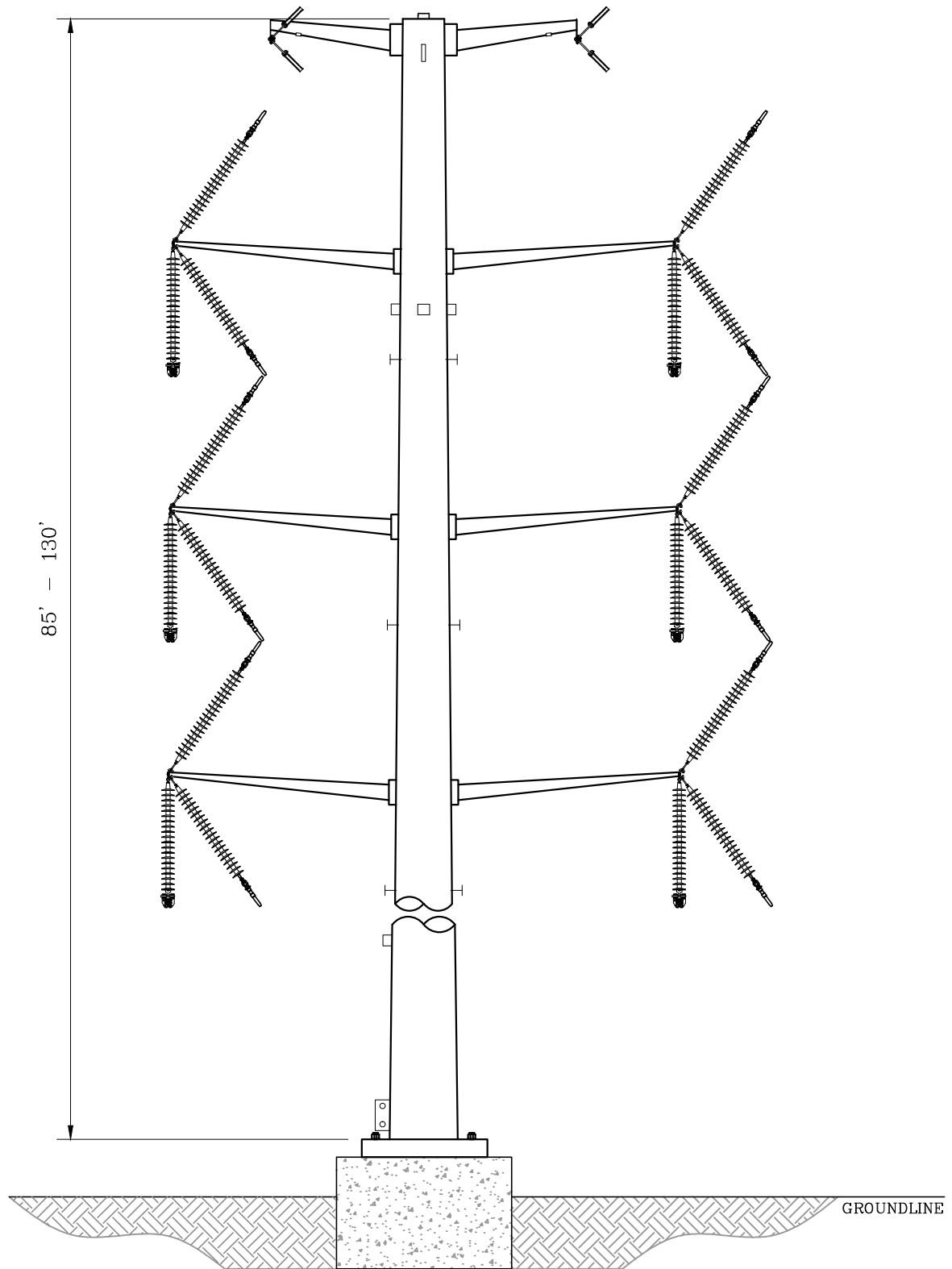
---

**Exhibit 3**  
**Steel Monopole Structure**

---

---





**ATSI**<sup>®</sup>

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

TORONTO AND SAMMIS AREA  
138 KV REBUILD AND  
RECONFIGURATION PROJECT

NEW DOUBLE CIRCUIT STEEL MONOPOLE  
ANGLED STRUCTURE

EXHIBIT 3

## **APPENDIX 1**

### **LETTERS TO PUBLIC OFFICIALS**



76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Thomas E. Graham, County Commissioner  
Jefferson County  
301 Market Street, First Floor  
Steubenville, Ohio 43952

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Graham:

In the above captioned Project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis–Lowellville 138 kV Transmission Line ("Project"). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code ("OAC") Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

A handwritten signature in black ink, appearing to read "Ted Krauss". The signature is fluid and cursive, with the first and last names being clearly legible.

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment





76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Dave Maple, Jr, County Commissioner  
Jefferson County  
301 Market Street, First Floor  
Steubenville, Ohio 43952

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Maple:

In the above captioned Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis–Lowellville 138 kV Transmission Line (“Project”). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code (“OAC”) Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment



76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Thomas G. Gentile, County Commissioner  
Jefferson County  
301 Market Street, First Floor  
Steubenville, Ohio 43952

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Gentile:

In the above captioned Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis–Lowellville 138 kV Transmission Line (“Project”). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code (“OAC”) Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment



76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Jim Branagan, County Engineer  
Jefferson County  
598 State Route 43  
Wintersville, Ohio 43953

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Branagan:

In the above captioned Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis–Lowellville 138 kV Transmission Line (“Project”). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code (“OAC”) Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment



76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

John A. Corrigan, County Clerk of Court  
Jefferson County Courts  
P.O. Box 1326  
Steubenville, Ohio 43952

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Corrigan:

In the above captioned Project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis-Lowellville 138 kV Transmission Line ("Project"). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code ("OAC") Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

A handwritten signature in black ink that reads "Ted Krauss".

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment



76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Domenick Mucci, Jr, Director  
Jefferson County Regional Planning Commission  
500 Market Street, Suite 614  
Steubenville, Ohio 43952

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Mucci:

In the above captioned Project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis-Lowellville 138 kV Transmission Line ("Project"). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code ("OAC") Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

A handwritten signature in black ink that reads "Ted Krauss".

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment



76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Donald R. Elder, Trustee  
Knox Township  
15006 State Route 152  
Toronto, Ohio 43964

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Elder:

In the above captioned Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis–Lowellville 138 kV Transmission Line (“Project”). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code (“OAC”) Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment



76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Donald L. Miller, Trustee  
Knox Township  
998 County Road 47  
Toronto, Ohio 43964

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Miller:

In the above captioned Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis–Lowellville 138 kV Transmission Line (“Project”). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code (“OAC”) Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment



76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

John M. Danko, Trustee  
Knox Township  
56 Township Road 244  
Toronto, Ohio 43964

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Danko:

In the above captioned Project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis–Lowellville 138 kV Transmission Line ("Project"). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code ("OAC") Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

A handwritten signature in black ink that reads "Ted Krauss".

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment





76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Angie Renee Allison, Fiscal Officer  
Knox Township  
2407 Township Road 246  
Toronto, Ohio 43964

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Ms. Allison:

In the above captioned Project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis–Lowellville 138 kV Transmission Line ("Project"). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code ("OAC") Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

A handwritten signature in black ink that reads "Ted Krauss".

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment



76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Charles E. Crawford, Trustee  
Saline Township  
P.O. Box 73  
Irondale, Ohio 43932

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Crawford:

In the above captioned Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis–Lowellville 138 kV Transmission Line (“Project”). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code (“OAC”) Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment



76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Danny Lee Householder, Trustee  
Saline Township  
69 Morgan Street  
PO Box 162  
Irondale, Ohio 43932

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Householder:

In the above captioned Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis–Lowellville 138 kV Transmission Line (“Project”). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code (“OAC”) Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment



76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Donald Samuel Wilson, Trustee  
Saline Township  
74 Diamond Street  
PO Box 244  
Irondale, Ohio 43932

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Wilson:

In the above captioned Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis–Lowellville 138 kV Transmission Line (“Project”). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code (“OAC”) Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment



76 South Main St.  
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Donald F. Fraley, Fiscal Officer  
Saline Township  
104 Creek Street  
P.O. Box 235  
Irondale, Ohio 43932

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Fraley:

In the above captioned Project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis-Lowellville 138 kV Transmission Line ("Project"). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code ("OAC") Rule 4906-11-01, 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. A copy of the application was also sent to the following library: Toronto Public Library, 607 Daniels Street, Toronto, OH 43964.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,

A handwritten signature in black ink, appearing to read "Ted Krauss".

Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment

## **APPENDIX 2**

### **COVER LETTER TO LIBRARY**

January 10, 2014

Allen Hall, Director  
Toronto Public Library  
607 Daniels Street  
Toronto, OH 43964

**Letter of Notification**  
**Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconnection Project**  
**Case No. 14-0037-EL-BLN**

Dear Mr. Hall,

In the above captioned Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy Company, is proposing to rebuild approximately 4.5 miles of the existing Sammis – Lowellville 138 kV Transmission Line (“Project”). The existing structures will be replaced with wood H-frames and steel monopole structures. The Project is located in Knox and Saline Townships in Jefferson County, Ohio.

In accordance with the provisions of Ohio Administrative Code (“OAC”) Rule 4906-11-01, this project falls within the Ohio Power Siting Board’s requirements for a Letter of Notifications (“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. Please make the LON available for public reference in the Toronto Public Library. We are providing a copy of the Application for placement in your library in response to the requirements of the Ohio Administrative Code (“OAC”) Section 4906-5-06, which requires us to place a copy of applications in the main public libraries of the political subdivisions in which any portion of the Project is to be located.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4268.

Sincerely,



Ted Krauss  
Manager Siting, Survey and Right-of-way  
FirstEnergy Service Company

Attachment

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**1/10/2014 2:37:17 PM**

**in**

**Case No(s). 14-0037-EL-BLN**

Summary: Letter of Notification Toronto and Sammis Area 138 kV Transmission Line Rebuild and Reconfiguration electronically filed by Mr. Robert J Schmidt on behalf of American Transmission Systems Inc.