

August 9, 2017

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

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Ms. McNeal:

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

In this Project, ATSI is proposing to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project will be located in the City of Sylvania, Lucas County, Ohio.

ATSI is requesting an expedited review of this Project.

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

a) Name and address of the applicants:

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

b) Name and location of proposed facilities:

Allen-Junction 138 kV Transmission Line Switch Replacement Project.

The Project area is located in Sylvania, Lucas County, Ohio.

c) Applicant's representative:

William R. Beutler, P.E.

This is to certify that the images appearing are an accurate and complete reproduction of a case file document delivered in the regular course of business.  
Technician MM Date Processed AUG 10 2017

2017 AUG 10 6:11:56

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

- d) No information that was provided in the pre-application letter required by OAC Rule 4906-6-03 has been amended or changed in the attached Construction Notice application.
- e) A notarized statement that the information contained in the application is complete and accurate is provided as Attachment 1.

We have provided a copy of the Construction Notice application by certified mail, with return receipt requested, to each official of the political subdivisions immediately affected by the proposed Project, as listed in Exhibit 1. Copies of the transmittal letters addressed to the local government representatives of Sylvania, Lucas County, Ohio are enclosed for your file. Copies of the transmittal letters to the local libraries are also enclosed. Finally, information on the Project will be posted on ATSI's transmission project website. These materials are being provided as proof of compliance with OAC Rule 4906-6-07.

After docketing this filing, please return one time-stamped copy of the Construction Notice application for our records to us in the enclosed envelope. Should staff of the Ohio Power Siting Board desire further information or discussion of this submittal, please contact me at (330) 384-2740.

Sincerely,



William R. Beutler P.E.  
Engineer III  
Energy Delivery Transmission and Substation Design  
FirstEnergy Service Company

Attachments

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**Allen-Junction Westgate 138 kV Transmission Lines Switch Replacement  
Project**

**Case Number 17-1673-EL-BNR**

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**Date: August 9, 2017**

**Attachment 1  
Affidavit of William R. Beutler**

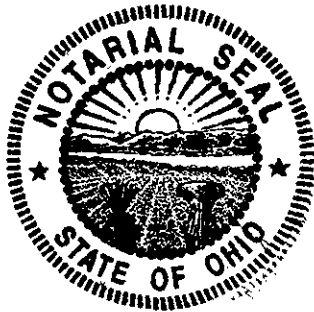
In The Matter Of: )  
The Application of American Transmission )  
Systems, Incorporated for a Certificate of )  
Environmental Compatibility and Public )  
Need for the Construction for the Allen- )  
Junction Westgate 138 kV Transmission )  
Line Switch Replacement Project )

Pursuant to Ohio Administrative Code Rule 4906-2-04(A)(3)(e), I am the authorized representative of the Applicant in this case and I affirm that the Construction Notice application filed in this matter is true and accurate to the best of my information and belief.

William R. Beutler, P.E.  
Engineer III  
Energy Delivery Transmission and  
Substation Design  
FirstEnergy Service Company

State of Ohio                    )  
                                          )                   ss:  
County of Summit            )

Sworn and subscribed before me this 9 day of August, 2017.



Arline Laveant  
Notary Public

My Commission Expires  
June 19, 2019

**Exhibit 1**  
**Officials Served Copy of Letter of the Construction Notice**  
**Allen Junction-Westgate 138 kV**  
**Transmission Line Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

**Lucas County**

Commissioner Pete Gerken  
President  
Lucas County Commissioners  
One Government Center, Suite 800  
Toledo, OH 43604

Commissioner Carol Contrada  
Lucas County Commissioners  
One Government Center, Suite 800  
Toledo, OH 43604

Commissioner Tina S. Wozniak  
Lucas County Commissioners  
One Government Center, Suite 800  
Toledo, OH 43604

Ms. Laura Lloyd-Jenkins  
Lucas County Administrator  
One Government Center, Suite 800  
Toledo, OH 43604

Mr. Keith G. Earley P.E., P.S.  
Lucas County Engineer  
1049 S. McCord Road  
Holland, OH 43528

Mr. Douglas J. Parrish, P.E., S.I.  
Lucas County Planning Department  
1049 S. McCord Road  
Holland, OH 43528

Mr. Bob Neubert,  
Lucas County Floodplain Manager  
1049 S. McCord Road  
Holland, OH 43528

**City of Sylvania**

Mr. Craig A. Stough, Mayor  
City of Sylvania  
6730 Monroe St., Suite 203  
Sylvania OH 43560

Mr. Tom Lindsley, Chair  
Municipal Planning Commission  
6730 Monroe Street  
Sylvania, OH 43560

Ms. Mary J. Westphal, President  
City of Sylvania Council  
6730 Monroe St.  
Sylvania, OH 43560

Mr. Brain McCann, Vice Chair  
Municipal Planning Commission  
6730 Monroe Street  
Sylvania, OH 43560

Mr. Joe Shaw, Deputy Director  
Engineering Division  
6730 Monroe St., Suite 101  
Sylvania OH 43560

**Exhibit 1**  
**Officials Served Copy of Letter of the Construction Notice**  
**Allen Junction-Westgate 138 kV**  
**Transmission Line Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

**Library**

Ms. Susan Schafer, Manager  
Sylvania Branch  
Toledo-Lucas County Library  
6749 Monroe Street  
Sylvania, OH 43560

August 9, 2017

Commissioner Pete Gerken, President  
Lucas County Commissioners  
One Government Center, Suite 800  
Toledo, OH 43604

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Commissioner Gerken,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has submitted an application to the Ohio Power Siting Board ("Board") for approval of a Project to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project is located in the City of Sylvania, Lucas County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Board's requirements for a Construction Notice ("CN") application. Therefore, in compliance with OAC Chapter 4906-6, ATSI prepared and filed the attached CN application with the Board for their review and approval. The CN application contains a more detailed 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 330-384-2740.

Sincerely,



William R. Beutler P.E.  
Engineer III  
Energy Delivery Transmission & Substation Design  
FirstEnergy Service Company

Attachment

August 9, 2017

Commissioner Carol Contrada  
Lucas County Commissioners  
One Government Center, Suite 800  
Toledo, OH 43604

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Commissioner Contrada,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has submitted an application to the Ohio Power Siting Board ("Board") for approval of a Project to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project is located in the City of Sylvania, Lucas County, Ohio.

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I will be happy to answer your questions concerning this matter. You can contact me at 330-384-2740.

Sincerely,



William R. Beutler P.E.  
Engineer III  
Energy Delivery Transmission & Substation Design  
FirstEnergy Service Company

Attachment



August 9, 2017

Commissioner Tina S. Wozniak  
Lucas County Commissioners  
One Government Center, Suite 800  
Toledo, OH 43604

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Commissioner Wozniak,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has submitted an application to the Ohio Power Siting Board ("Board") for approval of a Project to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project is located in the City of Sylvania, Lucas County, Ohio.

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I will be happy to answer your questions concerning this matter. You can contact me at 330-384-2740.

Sincerely,



William R. Beutler P.E.  
Engineer III  
Energy Delivery Transmission & Substation Design  
FirstEnergy Service Company

Attachment

August 9, 2017

Ms. Laura Lloyd-Jenkins  
Lucas County Administrator  
One Government Center, Suite 800  
Toledo, OH 43604

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Ms. Lloyd-Jenkins,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has submitted an application to the Ohio Power Siting Board ("Board") for approval of a Project to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project is located in the City of Sylvania, Lucas County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Board's requirements for a Construction Notice ("CN") application. Therefore, in compliance with OAC Chapter 4906-6, ATSI prepared and filed the attached CN application with the Board for their review and approval. The CN application contains a more detailed 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 330-384-2740.

Sincerely,

*William R. Beutler*

William R. Beutler P.E.  
Engineer III  
Energy Delivery Transmission & Substation Design  
FirstEnergy Service Company

Attachment

August 9, 2017

Mr. Keith G. Earley P.E., P.S.  
Lucas County Engineer  
1049 S. McCord Road  
Holland, OH 43528

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Mr. Earley,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has submitted an application to the Ohio Power Siting Board ("Board") for approval of a Project to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project is located in the City of Sylvania, Lucas County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Board's requirements for a Construction Notice ("CN") application. Therefore, in compliance with OAC Chapter 4906-6, ATSI prepared and filed the attached CN application with the Board for their review and approval. The CN application contains a more detailed 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 330-384-2740.

Sincerely,

*William R. Beutler*

William R. Beutler P.E.  
Engineer III  
Energy Delivery Transmission & Substation Design  
FirstEnergy Service Company

Attachment

August 9, 2017

Mr. Douglas J. Parrish, P.E., S.I.  
Lucas County Planning Department  
1049 S. McCord Road  
Holland, OH 43528

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Mr. Parrish,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has submitted an application to the Ohio Power Siting Board ("Board") for approval of a Project to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project is located in the City of Sylvania, Lucas County, Ohio.

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I will be happy to answer your questions concerning this matter. You can contact me at 330-384-2740.

Sincerely,

*William R. Beutler*

William R. Beutler P.E.  
Engineer III  
Energy Delivery Transmission & Substation Design  
FirstEnergy Service Company

Attachment

August 9, 2017

Mr. Bob Neubert,  
Lucas County Floodplain Manager  
1049 S. McCord Road  
Holland, OH 43528

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Mr. Neubert,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has submitted an application to the Ohio Power Siting Board ("Board") for approval of a Project to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project is located in the City of Sylvania, Lucas County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Board's requirements for a Construction Notice ("CN") application. Therefore, in compliance with OAC Chapter 4906-6, ATSI prepared and filed the attached CN application with the Board for their review and approval. The CN application contains a more detailed 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 330-384-2740.

Sincerely,

*William R. Beutler*

William R. Beutler P.E.  
Engineer III  
Energy Delivery Transmission & Substation Design  
FirstEnergy Service Company

Attachment

August 9, 2017

Mr. Craig A. Stough, Mayor  
City of Sylvania  
6730 Monroe St., Suite 203  
Sylvania OH 43560

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Mayor Stough

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has submitted an application to the Ohio Power Siting Board ("Board") for approval of a Project to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project is located in the City of Sylvania, Lucas County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Board's requirements for a Construction Notice ("CN") application. Therefore, in compliance with OAC Chapter 4906-6, ATSI prepared and filed the attached CN application with the Board for their review and approval. The CN application contains a more detailed 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 330-384-2740.

Sincerely,



William R. Beutler P.E.  
Engineer III  
Energy Delivery Transmission & Substation Design  
FirstEnergy Service Company

Attachment

August 9, 2017

Ms. Mary J. Westphal, President  
City Council  
6730 Monroe St.  
Sylvania, OH 43560

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Ms. Westphal,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has submitted an application to the Ohio Power Siting Board ("Board") for approval of a Project to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project is located in the City of Sylvania, Lucas County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Board's requirements for a Construction Notice ("CN") application. Therefore, in compliance with OAC Chapter 4906-6, ATSI prepared and filed the attached CN application with the Board for their review and approval. The CN application contains a more detailed 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 330-384-2740.

Sincerely,



William R. Beutler P.E.  
Engineer III  
Energy Delivery Transmission & Substation Design  
FirstEnergy Service Company

Attachment

August 9, 2017

Mr. Joe Shaw, Deputy Director  
Engineering Division  
6730 Monroe St., Suite 101  
Sylvania OH 43560

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Mr. Shaw,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has submitted an application to the Ohio Power Siting Board ("Board") for approval of a Project to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project is located in the City of Sylvania, Lucas County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Board's requirements for a Construction Notice ("CN") application. Therefore, in compliance with OAC Chapter 4906-6, ATSI prepared and filed the attached CN application with the Board for their review and approval. The CN application contains a more detailed 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 330-384-2740.

Sincerely,



William R. Beutler P.E.  
Engineer III  
Energy Delivery Transmission & Substation Design  
FirstEnergy Service Company

Attachment



August 9, 2017

Mr. Tom Lindsley, Chair  
Municipal Planning Commission  
6730 Monroe Street  
Sylvania, OH 43560

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Mr. Lindsley,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has submitted an application to the Ohio Power Siting Board ("Board") for approval of a Project to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project is located in the City of Sylvania, Lucas County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Board's requirements for a Construction Notice ("CN") application. Therefore, in compliance with OAC Chapter 4906-6, ATSI prepared and filed the attached CN application with the Board for their review and approval. The CN application contains a more detailed 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 330-384-2740.

Sincerely,



William R. Beutler P.E.

Engineer III

Energy Delivery Transmission & Substation Design  
FirstEnergy Service Company

Attachment

August 9, 2017

Mr. Brain McCann, Vice Chair  
Municipal Planning Commission  
6730 Monroe Street  
Sylvania, OH 43560

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Mr. McCann,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has submitted an application to the Ohio Power Siting Board ("Board") for approval of a Project to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project is located in the City of Sylvania, Lucas County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Board's requirements for a Construction Notice ("CN") application. Therefore, in compliance with OAC Chapter 4906-6, ATSI prepared and filed the attached CN application with the Board for their review and approval. The CN application contains a more detailed 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 330-384-2740.

Sincerely,



William R. Beutler P.E.  
Engineer III  
Energy Delivery Transmission & Substation Design  
FirstEnergy Service Company

Attachment

August 9, 2017

Ms. Susan Schafer  
Sylvania Branch  
Toledo-Lucas County Library  
6749 Monroe Street  
Sylvania, OH 43560

**Construction Notice**  
**Allen-Junction Westgate 138 kV Transmission Line**  
**Switch Replacement Project**  
**Case No. 17-1673-EL-BNR**

Dear Ms. Schafer,

Enclosed please find one copy of the Construction Notice ("CN") application of American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, for the Allen-Junction 138 kV Transmission Line Switch Replacement Project ("Project") that has been filed with the Ohio Power Siting Board ("OPSB"). Please make the application available for public reference in the Sylvania Branch of the Toledo-Lucas County Library. We are providing a copy of the application to you for placement in your library in accordance with the requirements of the Ohio Administrative Code ("OAC") Rule 4906-6-07(A)(2). This rule requires applicants for approval of projects reviewed by the OPSB 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.

As described in the CN application, the Project will replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The Project area is located in the City of Sylvania, Lucas County, Ohio.

Please feel free to call me with any question you have on making the CN available to your patrons. My phone number is 330-384-2740.

Sincerely,

*William R. Beutler*

William R. Beutler P.E.  
Engineer III  
Energy Delivery Transmission and  
Substation Design  
FirstEnergy Service Company

Enclosure

**AMERICAN TRANSMISSION SYSTEMS,  
INCORPORATED  
A FIRSTENERGY COMPANY**

**CONSTRUCTION NOTICE**

**ALLEN JUNCTION-WESTGATE 138 kV TRANSMISSION  
LINE SWITCH REPLACEMENT PROJECT**

**OPSB CASE NO.: 17-1673-EL-BNR**

**August 9, 2017**

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

2017 AUG 10 AM 11:55  
11100

**CONSTRUCTION NOTICE  
ALLEN JUNCTION-WESTGATE 138 kV  
TRANSMISSION LINE SWITCH REPLACEMENT PROJECT**

The following information is being provided in accordance with the procedures in the Ohio Administrative Code (“OAC”) Chapter 4906-6 for the application and review of Accelerated Certificate Applications. Based upon the requirements found in Appendix A to OAC Rule 4906-1-01, this Project qualifies for submittal to the Ohio Power Siting Board (“Board”) as a Construction Notice application.

**4906-6-05: ACCELERATED APPLICATION REQUIREMENTS**

**4906-6-05: Name and Reference Number**

Name of Project: Allen Junction-Westgate 138 kV Transmission Line Switch Replacement Project (“Project”).

2017 LTFR Reference: This Project is not included in the FirstEnergy Corp. 2017 Long Term Forecast Report submitted to the Public Utility Commission of Ohio (“PUCO”) in Case Number 17-0913-EL-FOR.

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

In this Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy company, is proposing to replace an existing switch structure on the Allen Junction-Westgate 138 kV Transmission Line with a new switch structure approximately 15 feet to the west of its current location. The existing switch structure, with a delta configuration, will be removed and the new switch structure, with a vertical configuration, will be installed approximately 15 feet west of the existing switch structure’s location on the same centerline as the existing transmission line. The same conductors and shield wires currently attached to the existing switch will be used on the Project.

The general location of the Project is shown in Exhibit 1, a partial copy of the United States Geologic Survey, Lucas County OH, Quad Map, ID number 41083-F6. Exhibit 2 is a copy of Bing aerial imagery of the Project area. The Project is located at

approximately 6400 Monroe Street in public right of way. The general layout is shown in Exhibit 3. The Project will be located in the City of Sylvania, Lucas County Ohio.

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

The Project meets the requirements for a Construction Notice because the Project is within the types of projects defined by Item (2)(a) of the Application Requirement Matrix for Electric Power Transmission Lines, Appendix A of OAC Rule 4906-1-01. This item states:

*(2) Adding new circuits on existing structures designed for multiple circuit use, replacing conductors on existing structures with larger or bundled conductors, adding structures to an existing line or replacing structures with a different type of structure, for a distance of:*

*(a) two miles or less*

The proposed Project is within the requirements of Item (2)(a) as it involves replacing the existing structure with a slightly different structure approximately 15 feet to the west of the original location on the same centerline.

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

The Project is needed to replace a non-operational switch on the Allen-Junction Westgate Line. This will ensure reliability to the Flowers Hospital 138 kV Transmission Line Tap off the Allen Junction-Westgate 138 kV Transmission Line.

**4906-6-05 (B)(3): Location of the Project Relative to Existing or Proposed Lines**

The location of the Project relative to existing or proposed lines is shown in the ATSI Transmission Network Map, included as part of the confidential portion of the FirstEnergy Corp. 2017 Long-Term Forecast Report. This map was submitted to the PUCO in Case No. 17-0913-EL-FOR under Rule 4901:5-5:04 (C)(2)(b) of the Ohio Administrative Code. The map is incorporated by reference only. This map shows

ATSI's 345 kV and 138 kV transmission lines and transmission substations including the Allen Junction-Westgate 138 kV. The project area is located approximately 2 <sup>5</sup>/<sub>8</sub> inches (11" x 17" printed version) from the left edge of the map and 1 <sup>1</sup>/<sub>8</sub> inches (11" x 17" printed version) from the top of the map. The general location and layout of the project area is shown in Exhibits 1 and 2.

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

Due to the nature of the Project no alternatives were considered as the structure replacement occurred in effectively the same location without any changes to the centerline.

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

ATSI's manager of External Affairs will advise local officials of features and the status of the proposed Transmission Line Project as necessary. ATSI will maintain a copy of this Construction Notice on FirstEnergy's website. Letters will be sent to affected property owners at least 7 days before construction begins on the project informing them of the Project's start and a proposed timeframe of construction and restoration activities.

**4906-6-05 (B)(6): Construction Schedule**

The construction schedule for this Project is expected to begin as early as September 18<sup>th</sup>, 2017 and completed by October 1<sup>st</sup>, 2017.

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

Exhibit 1 depicts the general location of the Project. This Exhibit provides a partial copy of the United States Geological Survey, Lucas County OH, quadrangle map (Quad Order ID41083-F6). Exhibit 2 provides a copy of Bing aerial imagery of the project area.

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

The Project is located on existing public right-of-way. No new right-of-way is required for the Project. Table 1 contains a list of property owners affected by the project.

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

### **4906-6-05 (B)(9)(a): Operating Characteristics**

The transmission line construction will have the following characteristics:

|                  |                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------|
| Voltage:         | 138 kV                                                                                                           |
| Conductors:      | 954 kcmil AAC 37<br>954 kcmil ACSR 48/7                                                                          |
| Static Wire:     | 3#7 Alumoweld<br>3#6 Alumoweld                                                                                   |
| Insulators:      | Polymer                                                                                                          |
| ROW Width:       | To the edge of public right-of-way                                                                               |
| Structure Types: | Exhibit 4: Single circuit, wood pole and switch structure, 3 additional conductors. One (1) structure is needed. |

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

The closest occupied residence or institution is approximately 120 feet from the proposed transmission line centerline therefore no Electric and Magnetic Field (“EMF”) calculations are required by this code provision.

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

The estimated capital cost for the proposed project is approximately \$181,248.

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

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

The Project is located in Sylvania, Lucas County Ohio. The main land use around the Project area is zoned as both commercial business and residential. The Project is located in public right-of-way and the adjacent land, although zoned as residential is used as a cemetery.



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

Agricultural land does not exist within the Project's disturbance area.

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

As part of the investigation, a search of Ohio Historic Preservation Office ("OHPO") online database was conducted to identify the existence of any significant archeological or cultural resource sites within 0.5 miles of the Project Area. The results of the search are shown in Exhibit 5. The specific locations of any archeological resources are excluded from the map and are instead listed in Table 6.

The OHPO database includes all Ohio listings on the National Register of Historic Places ("NRHP"), including districts, sites, building, structures, and objects that are significant in American history, architecture, archeology, engineering, and culture. The results of the search indicate that no listed NRHP sites and two (2) NRHP eligible sites were identified within 0.5 miles of the Project potential disturbance area. The NRHP eligible sites are shown in Table 5.

The OHPO database also includes listing of the Ohio Archaeological Inventory ("OAI"), the Ohio Historic Inventory ("OHI"), previous cultural resource surveys, and the Ohio Genealogical Society ("OGS") cemetery inventory. One (1) OAI listed archeological resource has been previously inventoried within 0.5 miles of the Project area and is shown in Table 6. Thirty-five (35) listed structural resources are located within 0.5 miles of the Project area and is shown in Table 7. No previous cultural resource survey was conducted within 0.5 miles of the Project area. Three (3) OSG cemeteries are located within 0.5 miles of the Project area and are provided in Table 8.

**Table 5. List of Eligible National Historic Registered Places**

| <b>Resource Name</b>           | <b>OHI Number</b> | <b>Address</b>                       | <b>County</b> | <b>Eligibility</b> |
|--------------------------------|-------------------|--------------------------------------|---------------|--------------------|
| Udell Law Ltd.                 | LUC0157202        | 5738 Main St, Sylvania<br>OH 43560   | Lucas         | YES                |
| LUC - Lathrop<br>House Phase 2 | LUC0434202        | 5362 S Main St,<br>Sylvania OH 43560 | Lucas         | YES                |

**Table 6. List of OAI Listed Archeological Resources**

| <b>OAI Number</b> | <b>Affiliation</b> | <b>Description</b> | <b>County</b> | <b>Quad Name</b> |
|-------------------|--------------------|--------------------|---------------|------------------|
| LU0389            | Prehistoric        | Late Woodland      | Lucas         | Sylvania         |

**Table 7. List of OHI Listed Structural Resources**

| <b>OHI Number</b> | <b>Present Name</b>                                  | <b>Historic Use</b>               | <b>County</b> | <b>Municipality</b> |
|-------------------|------------------------------------------------------|-----------------------------------|---------------|---------------------|
| LUC0434802        | Reve's Salon                                         | Retail<br>store/shop              | Lucas         | Sylvania            |
| LUC0434902        | Un Ver Ferth Interiors                               | Retail<br>store/shop              | Lucas         | Sylvania            |
| LUC0435202        | Pro Music & Village<br>Electronics                   | Retail<br>store/shop              | Lucas         | Sylvania            |
| LUC0435302        | Accents & Antiques                                   | Retail<br>store/shop              | Lucas         | Sylvania            |
| LUC0435402        | Irv's Auto Parts                                     | Market                            | Lucas         | Sylvania            |
| LUC0435502        | Irv's Auto Parts                                     | Mill/Processing<br>/Manufacturing | Lucas         | Sylvania            |
| LUC0435602        | Bel-Main Upholstering                                | Retail<br>store/shop              | Lucas         | Sylvania            |
| LUC0435702        | Monasmith State Farm Ins                             | Retail<br>store/shop              | Lucas         | Sylvania            |
| LUC0435802        | J&G's Pizza, KOV<br>Electronics, The Paper<br>Cellar | Financial<br>institution          | Lucas         | Sylvania            |
| LUC0435902        | The Liaros Building                                  | Retail<br>store/shop              | Lucas         | Sylvania            |
| LUC0436002        | Maplewood Marketplace                                | Retail<br>store/shop              | Lucas         | Sylvania            |
| LUC0436102        | Sylvania Heritage<br>Museum                          | Single Dwelling                   | Lucas         | Sylvania            |

| <b>Table 7. List of OHI Listed Structural Resources</b> |                                   |                                |               |                     |
|---------------------------------------------------------|-----------------------------------|--------------------------------|---------------|---------------------|
| <b>OHI Number</b>                                       | <b>Present Name</b>               | <b>Historic Use</b>            | <b>County</b> | <b>Municipality</b> |
| LUC0435002                                              | Chandler Building, The Apple Tree | Retail store/shop              | Lucas         | Sylvania            |
| LUC0435102                                              | Sylvan Studio                     | Retail store/shop              | Lucas         | Sylvania            |
| LUC0436402                                              | Kermit Apt 's                     | Single Dwelling                | Lucas         | Sylvania            |
| LUC0436502                                              | Keith's Hair Design               | Single Dwelling                | Lucas         | Sylvania            |
| LUC0436602                                              | Geiger Property                   | Single Dwelling                | Lucas         | Sylvania            |
| LUC0432802                                              | Lawrence L Watkins Property       | Single Dwelling                | Lucas         | Sylvania            |
| LUC0432902                                              | Gindy Residence                   | Single Dwelling                | Lucas         | Sylvania            |
| LUC0434102                                              | Packard House                     | Single Dwelling                | Lucas         | Sylvania            |
| LUC0434202                                              | The Lathrop House                 | Single Dwelling                | Lucas         | Sylvania            |
| LUC0434302                                              | Eley House                        | Single Dwelling                | Lucas         | Sylvania            |
| LUC0434402                                              | Bush House                        | Single Dwelling                | Lucas         | Sylvania            |
| LUC0434502                                              | Berkley & Mary H Bush House       | Single Dwelling                | Lucas         | Sylvania            |
| LUC0434702                                              | Country House                     | Retail store/shop              | Lucas         | Sylvania            |
| LUC0149102                                              | Conrail Bridge 307.16 (Old Road)  | Rail Related                   | Lucas         | Sylvania            |
| LUC0436202                                              | Garden Delights Gift Shop/Store   | Single Dwelling                | Lucas         | Sylvania            |
| LUC0436302                                              | Cross Stitch Heaven               | Single Dwelling                | Lucas         | Sylvania            |
| LUC0437802                                              | Sylvania Professional Building    | Mill/Processing /Manufacturing | Lucas         | Sylvania            |
| LUC0437902                                              | Bedee House                       | Single Dwelling                | Lucas         | Sylvania            |
| LUC0438002                                              | Chany House                       | Single Dwelling                | Lucas         | Sylvania            |
| LUC0438102                                              | Riling House                      | Single Dwelling                | Lucas         | Sylvania            |
| LUC0438202                                              | Smith House                       | Single Dwelling                | Lucas         | Sylvania            |

| <b>Table 7. List of OHI Listed Structural Resources</b> |                     |                     |               |                     |
|---------------------------------------------------------|---------------------|---------------------|---------------|---------------------|
| <b>OHI Number</b>                                       | <b>Present Name</b> | <b>Historic Use</b> | <b>County</b> | <b>Municipality</b> |
| LUC0157202                                              | Post Office         | Post Office         | Lucas         | Sylvania            |

**Table 8. List of OGS cemeteries**

| <b>OGS ID</b> | <b>Name</b>             | <b>County</b> | <b>Location</b> |
|---------------|-------------------------|---------------|-----------------|
| 7061          | Ravine                  | Lucas         | Confident       |
| 7062          | Saint Joseph's Catholic | Lucas         | Confident       |
| 7063          | Toledo Memorial Park    | Lucas         | Confident       |

The closest NRHP eligible site is located approximately 0.4 miles away, the only OAI listed site is located approximately 0.5 miles away, and the closest OHI listed site is located approximately 0.3 miles away from the Project area. Due to the distance away from the Project area, and the Project scope, no impacts to the NRHP eligible, OAI listed, and OHI listed sites are anticipated.

The closest OGS cemetery, Toledo Memorial Park Cemetery, is located adjacent to the Project area. All construction activities will be located south of the stone wall separating the cemetery property from the public right-of-way. Therefore, no impacts are anticipated to this cemetery.

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

Table 9 shows the list of government agency requirements and the filing status at the time of filing.

**Table 9. List of Government Agency Requirements to be Secured Prior to Construction**

| <b>Agency</b>    | <b>Permit Requirement</b> | <b>Status</b> |
|------------------|---------------------------|---------------|
| City of Sylvania | Traffic Permit            | Will be Filed |

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

The Project area is urban and maintained. All work will be limited to public right-of-way and the accompanying pavement and road shoulder area. No streams and wetlands are present within the Project limits, and no tree clearing is required. As such, the structure replacement is not anticipated to adversely affect any protected species or sensitive habitat.

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

The Project area is urban and maintained. All work will be limited to public right-of-way and the accompanying pavement and road shoulder area. No streams and wetlands are present within the Project limits, and no tree clearing is required. As such, the structure replacement is not anticipated to adversely affect any sensitive ecological resources.

Based on a desktop review of the surrounding area using Google Earth, the Harroun Community Park is located approximately 0.11 miles from the Project Area. Due to the distance from the Project area, and the Project scope, no impacts are anticipated to this park.

ATSI conducted a wetland and stream assessment of the Project area. The investigation focused on an approximately 0.25-acre study area around the proposed Project centerline, access roads, and additional workspace areas. No streams or wetlands are present within the Project limits. A copy of the assessment is provided in Exhibit 6.

The Project work limits do not encroach on any regulated flood plains based on a review of online FEMA Flood Insurance Rate Mapping.

**4906-6-05(B)(10)(g): Other Information**

Construction and operation of the proposed Project will be in accordance with the requirements specified in the latest revision of the National Electric Safety Code as

adopted by the PUCO and will meet all applicable safety standards established by the Occupational Safety and Health Administration.

No other or unusual conditions are expected that will result in significant environmental, social, health or safety impacts.

**4906-6-07: Documentation of Construction Notice Transmittal and Availability for Public Review**

This Construction Notice is being provided concurrently with its docketing with the Board to the following officials in City of Sylvania, Lucas County, Ohio.

**Lucas County**

Commissioner Pete Gerken  
President  
Lucas County Commissioners  
One Government Center, Suite 800  
Toledo, OH 43604

Commissioner Carol Contrada  
Lucas County Commissioners  
One Government Center, Suite 800  
Toledo, OH 43604  
Mr. Keith G. Earley P.E., P.S.  
Lucas County Engineer  
1049 S. McCord Road  
Holland, OH 43528

Mr. Douglas J. Parrish, P.E., S.I.  
Lucas County Planning Department  
1049 S. McCord Road  
Holland, OH 43528

Commissioner Tina S. Wozniak  
Lucas County Commissioners  
One Government Center, Suite 800  
Toledo, OH 43604

Ms. Laura Lloyd-Jenkins  
Lucas County Administrator  
One Government Center, Suite 800  
Toledo, OH 43604

Mr. Bob Neubert,  
Lucas County Floodplain Manager  
1049 S. McCord Road  
Holland, OH 43528

**City of Sylvania**

Mr. Craig A. Stough, Mayor  
City of Sylvania  
6730 Monroe St., Suite 203  
Sylvania OH 43560

Ms. Mary J. Westphal, President  
City Council  
6730 Monroe St.  
Sylvania, OH 43560

Mr. Joe Shaw, Deputy Director  
Engineering Division  
6730 Monroe St., Suite 101  
Sylvania OH 43560

Mr. Brain McCann, Vice Chair  
Municipal Planning Commission  
6730 Monroe Street  
Sylvania, OH 43560

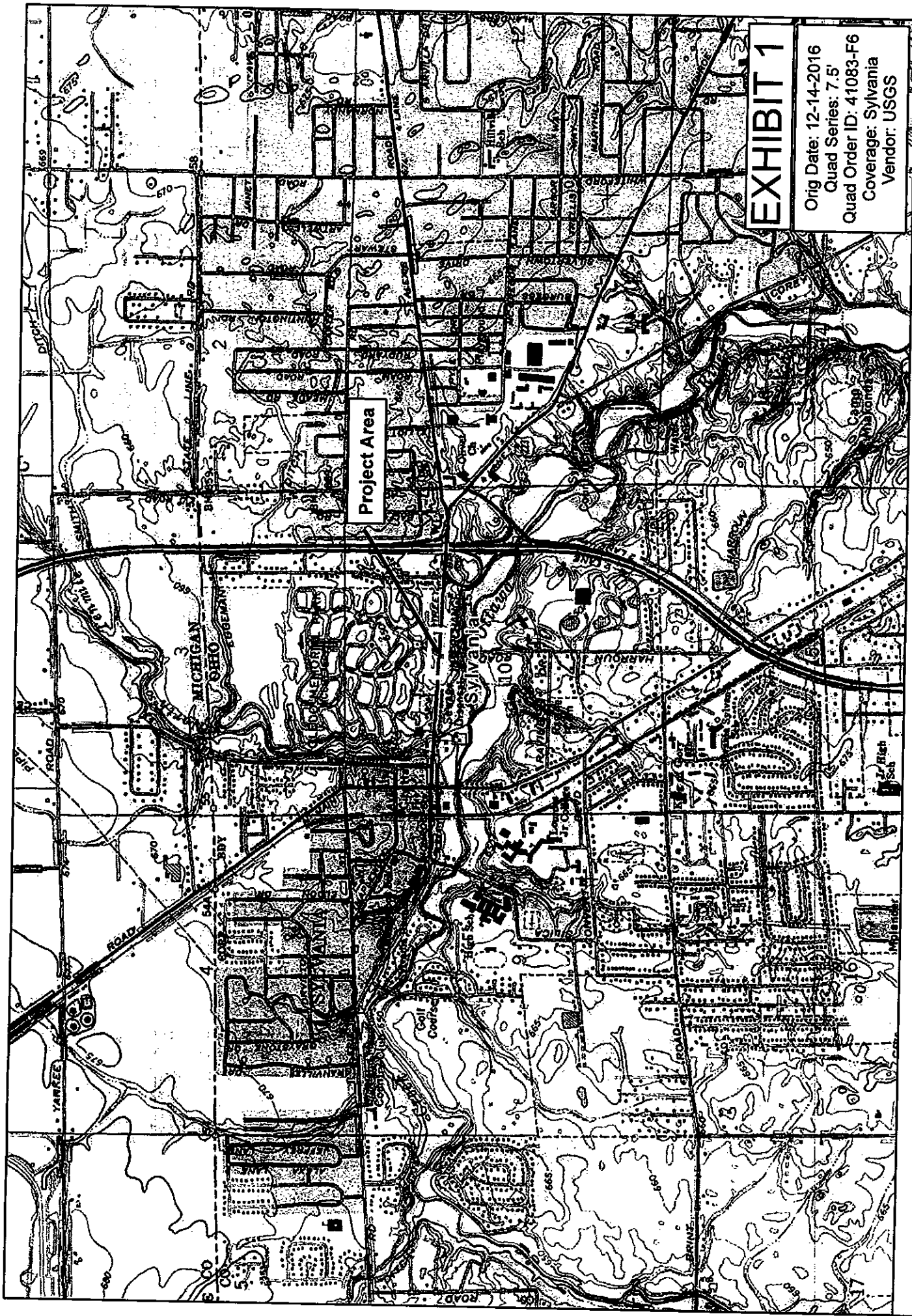
Mr. Tom Lindsley, Chair  
Municipal Planning Commission  
6730 Monroe Street  
Sylvania, OH 43560

**Library**

Ms. Susan Schafer, Manager  
Sylvania Branch  
Toledo-Lucas County Library  
6749 Monroe Street  
Sylvania, OH 43560

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

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



**EXHIBIT 1**

Orig Date: 12-14-2016  
Quad Series: 7.5'  
Quad Order ID: 41083-F6  
Coverage: Sylvania  
Vendor: USGS

**Allen Junction-Westgate 138kV Transmission  
Line Switch Replacement Project**

**Legend**  
Project Area



Map Created On: 6/22/2017



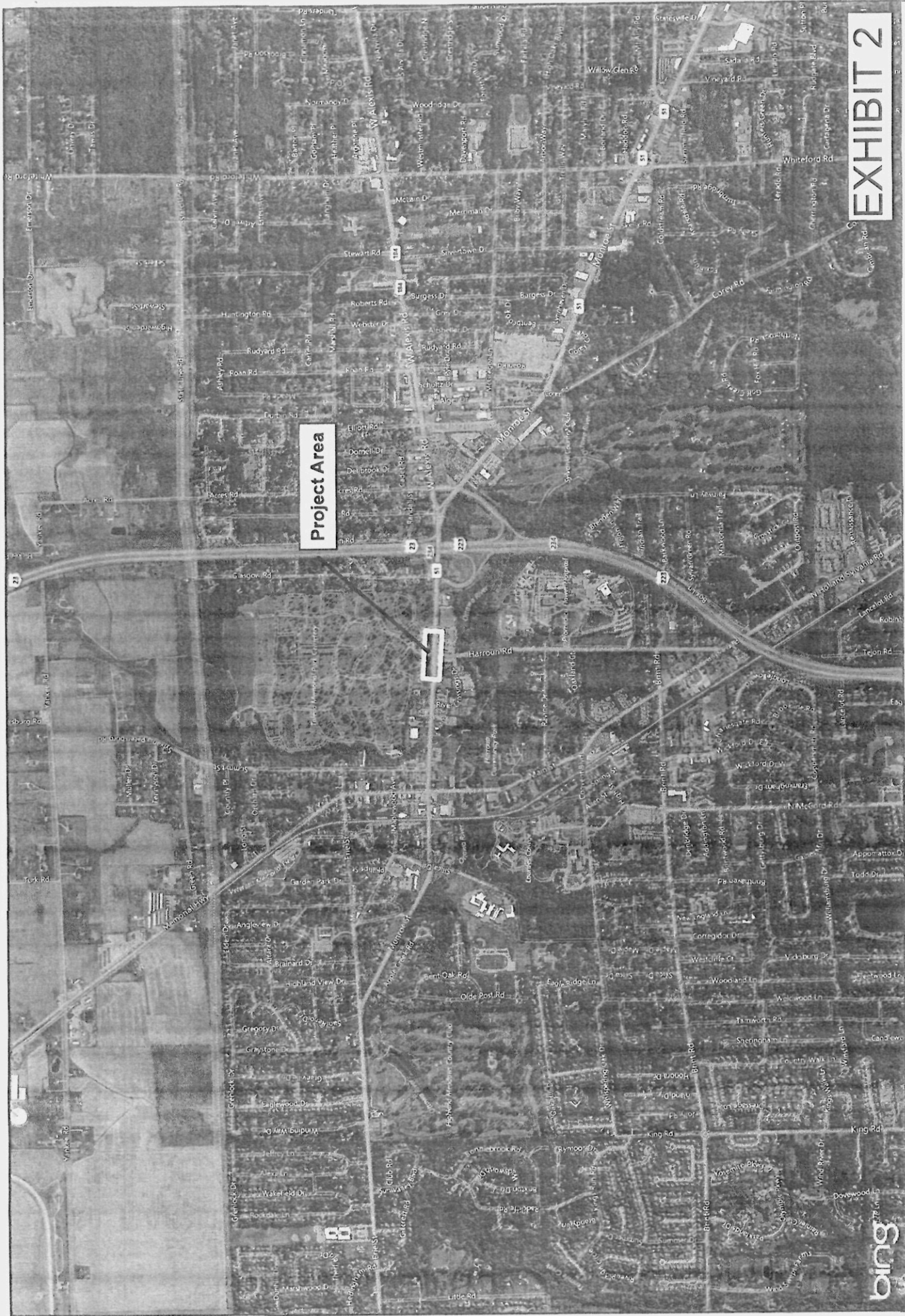
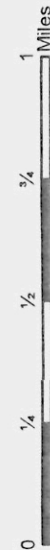


EXHIBIT 2

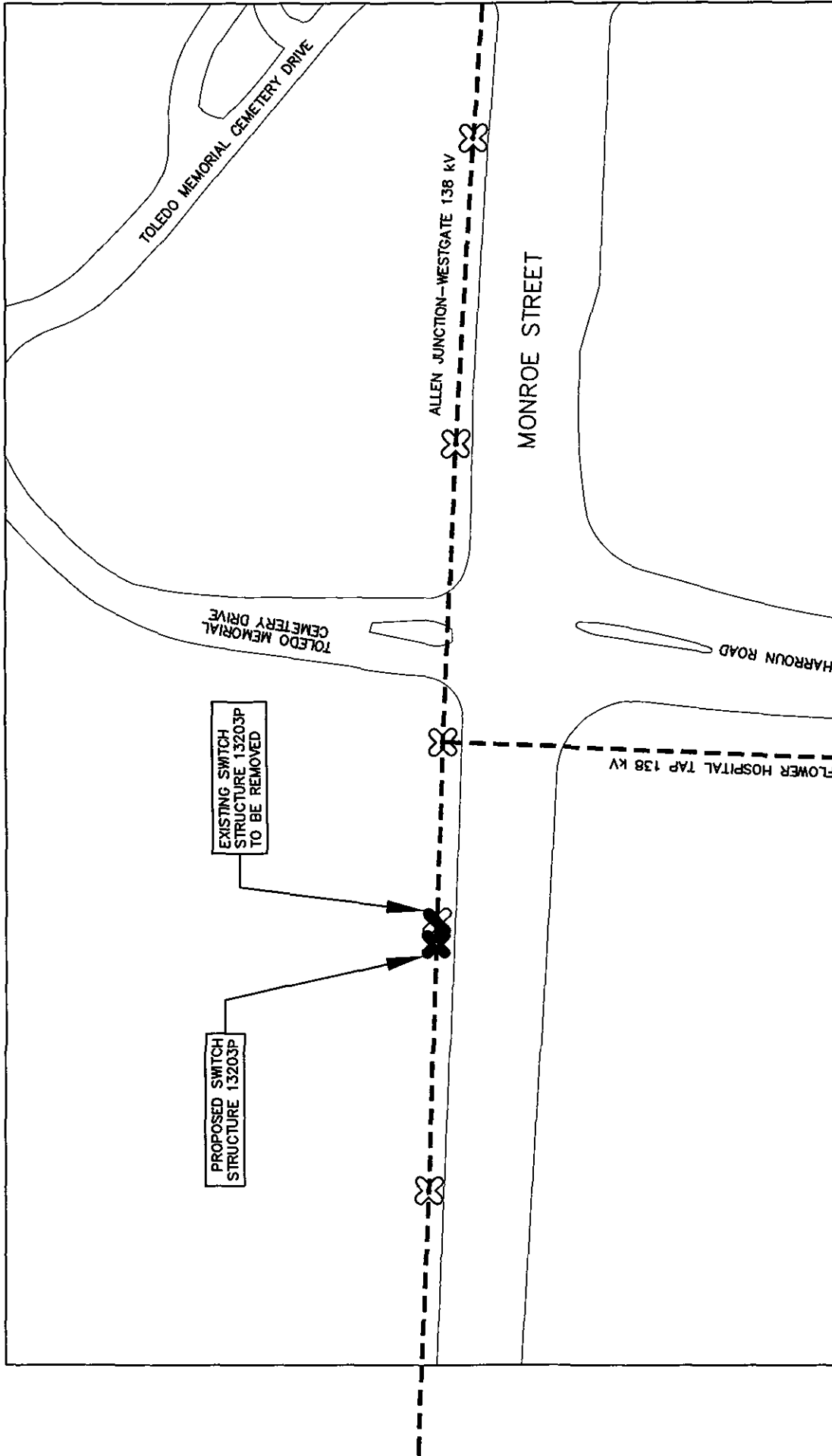
# Allen Junction-Westgate 138kV Transmission Line Switch Replacement Project

Legend

Project Area



Map Created On: 6/22/2017



**LEGEND**

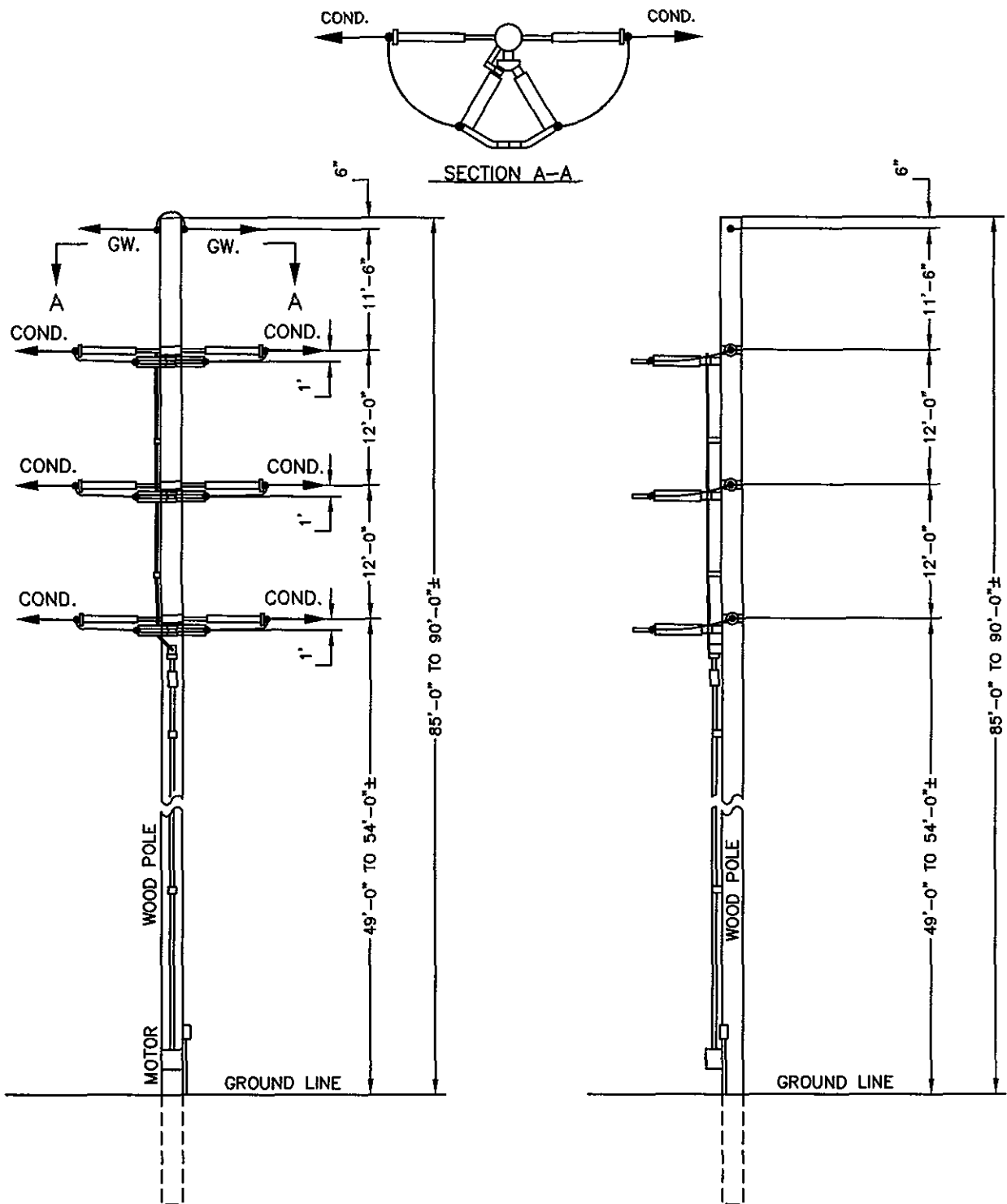
- EXISTING CONDUCTOR CENTERLINE
- ⊗ EXISTING 1-POLE WOOD STRUCTURE
- ⊗ EXISTING 1-POLE WOOD STRUCTURE TO BE REMOVED
- ⊗ NEW 1-POLE WOOD STRUCTURE



ALLEN JUNCTION-WESTGATE 138 kV  
TRANSMISSION LINE SWITCH  
REPLACEMENT PROJECT

# GENERAL LAYOUT

EXHIBIT 3



\*\*NOT TO SCALE

**ATSI**

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

ALLEN JUNCTION-WESTGATE 138 kV  
TRANSMISSION LINE SWITCH  
REPLACEMENT PROJECT

SINGLE CIRCUIT, WOOD POLE, SWITCH  
STRUCTURE

EXHIBIT 4



Ohio Historic  
Preservation Office

### Legend

#### NR Listings

Listed

National Historic Landmark

Delisted

#### NR Determinations of Eligibility

Historic Structures

Historic Bridges

Historic Tax Credit Projects

OGS Cemeteries

Confident

Not Confident

Dams

UTM Zone Split

NR Boundaries

OAI Site Boundaries

Phase1

Phase2

Phase3

0 0.30 0.61 Miles

1: 24,000

### Copyright/Disclaimer

This map is a user generated static output from an Internet mapping site and is for general use. This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Datum: [Datum]

Projection: WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere



EXHIBIT 5

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**Allen Junction–Westgate 138 kV Transmission Line Switch Replacement  
Project Case Number 17-1673-EL-BNR**

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**Date: August 9, 2017**

**Exhibit 6  
Wetland and Waters Assessment**

Date: July 6, 2017

**TO:** William R. Beutler – Engineer III  
Energy Delivery Transmission and Substation Design  
**FROM:** Auggie Ruggiero – Staff Scientist  
Environmental Energy Delivery Support

**SUBJECT:**  
**Wetland and Waters Assessment**  
**Allen Junction–Westgate 138 kV Transmission Line Switch Replacement Project**

## INTRODUCTION

On June 28, 2017, an area along an existing electric transmission line located adjacent to Monroe Street in Sylvania, Ohio was investigated via remote sensing for the potential presence of wetland characteristics and/or evidence of other areas deemed “waters of the U.S.” Areas that appear to exhibit wetland hydrology and a dominance of hydrophytic vegetation via remote imaging and are mapped with soils determined to be hydric by the Natural Resources Conservation Service (NRCS) were considered a potential wetland. Areas that display these three characteristics in the field are subject to regulations pursuant to Section 404 of the Clean Water Act or Ohio’s isolated wetland laws. Other areas deemed “waters of the U.S.” include streams or bodies of open water which may also be subject to Section 404 regulations.

## METHODS

The background resources investigation included an interpretation of street level photography, the NRCS Web Soil Survey, the U.S. Fish and Wildlife Service’s online National Wetland Inventory (NWI) wetland mapper, and aerial photography. These resources were reviewed by a qualified wetland professional to determine the probability of wetland characteristics within the project area.

The project area was also screened via remote sensing for the presence of areas that meet the criteria for “other waters of the U.S.” These areas consist of ephemeral, intermittent, and perennial streams, as well as open water habitats such as ponds. Resources included available

topographic mapping published by the U.S. Geologic Survey (USGS) and an interpretation of aerial photography.

## INVESTIGATION/RESULTS

The Project Area is located along a mostly commercially developed road. Vegetation within the vicinity of the Project Area appears to consist entirely of mowed herbaceous vegetation based on an interpretation of street level photography. According to the NWI map, no wetlands are mapped within the Project Area. According to the NRCS web soil survey, Ottosee fine sand, 0 to 6 percent slopes (OtB) is the only mapped soil within the Project Area. OtB is considered to be a non-hydric soil by the NRCS. The USGS topographic map and available aerial photography do not illustrate the presence of any streams or wetland areas within the Project Area. In conclusion, the potential for the presence of any areas subject to regulations pursuant to Section 404 of the Clean Water Act or Ohio isolated wetland laws within the Project Area is very low to none.

## REFERENCES

U.S. Army Corps of Engineers. 2011. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region (Version 2.0)*, ed. J. S. Wakeley, R. W. Lichvar, C. V. Noble, and J. F. Berkowitz. ERDC/EL TR-12-1. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

U.S. Department of Agriculture. (2013). Web Soil Survey 3.0. Retrieved from U.S. Department of Agriculture, Natural Resources Conservation Service:  
<http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>

U.S. Fish and Wildlife Service. (2016). National Wetlands Inventory Online Mapper v 2.0. Retrieved from U.S. Department of the Interior, U.S. Fish and Wildlife Service:  
<https://www.fws.gov/wetlands/data/mapper.HTML>

U.S. Geological Service. (1994). Topographical Quadrangle Maps (7.5-minute series). U.S. Geological Survey.



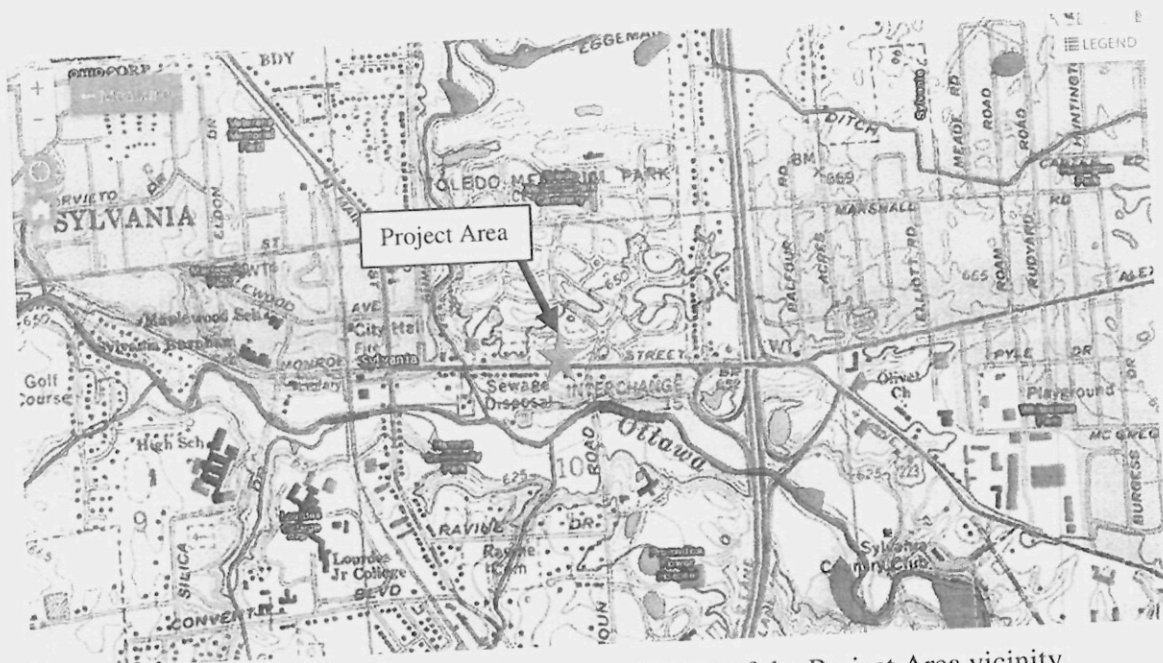


Figure 1-USGS Topographic map and NWI of the Project Area vicinity.

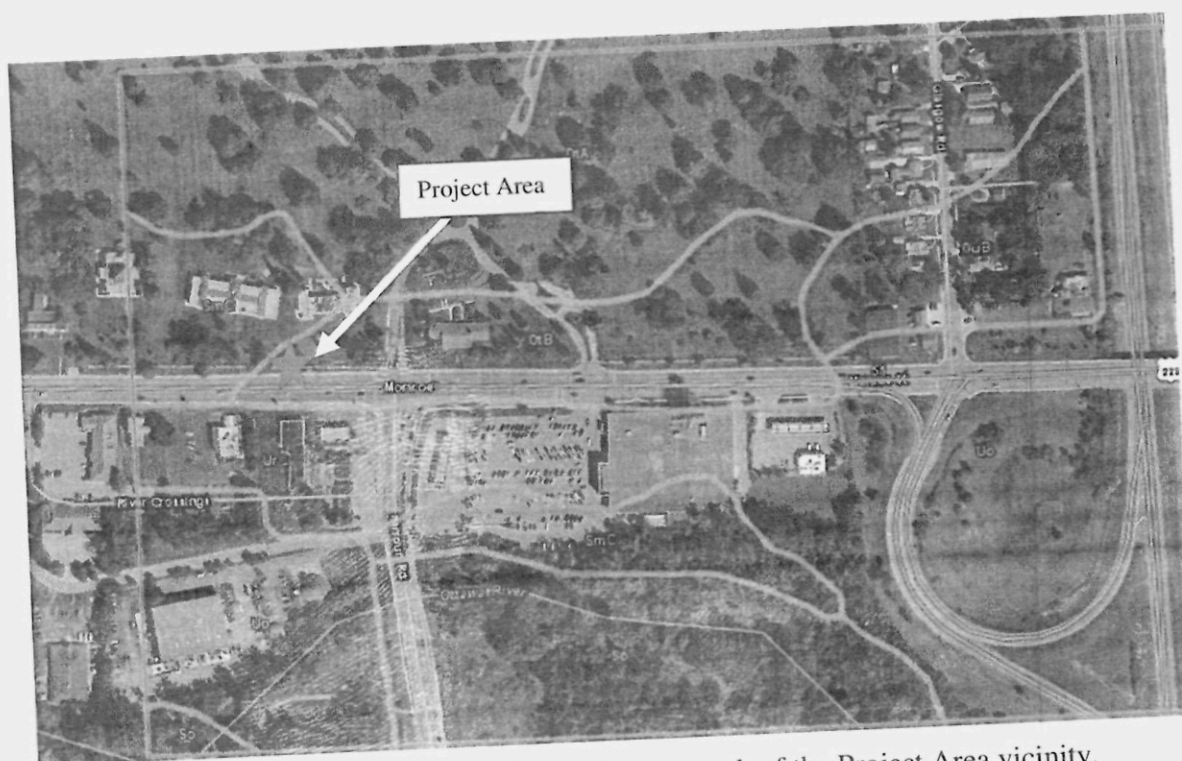


Figure 2-NRCS Soil Survey and aerial photograph of the Project Area vicinity.



Photo 1-Street level photography showing approximate location of Project Area.