

FILE

1-800-646-0400

May 22, 2013

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

RECEIVED-DOCKETING DIV  
2013 MAY 23 AM 10:41  
PUCO

**Construction Notice**  
**Allen Junction Substation Expansion**  
**Case No. 13-1243-EL-BNR**

Dear Ms. McNeal:

In accordance with Admin. Code Rule 4906-01-11, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, transmits one (1) original and eleven (11) copies of the enclosed Construction Notice. In this project, ATSI is proposing to expand a portion of the Allen Junction Substation fence to incorporate new bus work that is associated with the addition of a second transformer and breaker. The proposed Project is located in Sylvania Township, Lucas County, Ohio.

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:

Allen Junction Substation Expansion

c) Location of proposed facilities:

The proposed Project is located in Sylvania Township, Lucas County, Ohio.

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Technician And Date Processed 5/23/13

May 22, 2013

d) Description of proposed facilities:

ATSI is proposing to expand a portion of the Allen Junction Substation fence to incorporate new bus work that is associated with the addition of a second transformer and breaker.

e) Applicant's representative:

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

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

Should the Ohio Power Siting Board desire any further information, please contact me at (330) 384-2526.

Sincerely,



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

Attachments

May 22, 2013

Mr. John D. Jennewine  
Sylvania Township  
Chairman, Board of Trustees  
4927 Holland-Sylvania Road  
Sylvania, Ohio 43560

**Construction Notice**  
**Allen Junction Substation Expansion**  
**Case No. 13-1243-EL-BNR**

Dear Mr. Jennewine,

In the above captioned project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to expand a portion of the Allen Junction Substation fence to incorporate new bus work that is associated with the addition of a second transformer and breaker. This Project is needed to address retirement of Units 2-4 at the Bayshore Generation Station. The proposed Project is located in Sylvania Township, Lucas County, Ohio.

In accordance with the provisions of Ohio Administrative Code ("OAC") Rule 4906-1-01, this project falls within the Ohio Power Siting Board's requirements for a Construction Notice ("Notice"). Therefore, in compliance with OAC 4906-11-02 of the OPSB's Rules and Regulations, we have prepared and filed the attached Notice with the OPSB for their review and approval. The Notice contains a description of the Project and is provided for your information.

I'll be glad to answer any question concerning this matter. You can contact me at (330) 384-2526.

Sincerely,



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

Attachment

May 22, 2013

Mr. Neal M. Mahoney  
Sylvania Township  
Board of Trustee  
4927 Holland-Sylvania Road  
Sylvania, Ohio 43560

**Construction Notice**  
**Allen Junction Substation Expansion**  
**Case No. 13-1243-EL-BNR**

Dear Mr. Mahoney,

In the above captioned project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to expand a portion of the Allen Junction Substation fence to incorporate new bus work that is associated with the addition of a second transformer and breaker. This Project is needed to address retirement of Units 2-4 at the Bayshore Generation Station. The proposed Project is located in Sylvania Township, Lucas County, Ohio.

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Sincerely,



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

Attachment

May 22, 2013

Mr. Kevin G. Haddad  
Sylvania Township  
Board of Trustee  
4927 Holland-Sylvania Road  
Sylvania, Ohio 43560

**Construction Notice**  
**Allen Junction Substation Expansion**  
**Case No. 13-1243-EL-BNR**

Dear Mr. Haddad,

In the above captioned project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to expand a portion of the Allen Junction Substation fence to incorporate new bus work that is associated with the addition of a second transformer and breaker. This Project is needed to address retirement of Units 2-4 at the Bayshore Generation Station. The proposed Project is located in Sylvania Township, Lucas County, Ohio.

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Sincerely,



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

Attachment

May 22, 2013

Mr. David J. Simko  
Sylvania Township  
Fiscal Officer  
4927 Holland-Sylvania Road  
Sylvania, Ohio 43560

•  
**Construction Notice**  
**Allen Junction Substation Expansion**  
**Case No. 13-1243-EL-BNR**

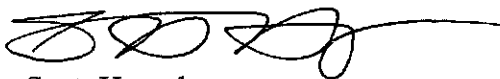
Dear Mr. Simko,

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

Attachment

May 22, 2013

Mr. John Zeitler  
Sylvania Township  
Township Administrator  
4927 Holland-Sylvania Road  
Sylvania, Ohio 43560

**Construction Notice**  
**Allen Junction Substation Expansion**  
**Case No. 13-1243-EL-BNR**

Dear Mr. Zeitler,

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Sincerely,



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

Attachment

May 22, 2013

The Honorable Carol Contrada  
Lucas County Commissioner  
One Government Center, Ste. 800  
Toledo, Ohio 43604

**Construction Notice**  
**Allen Junction Substation Expansion**  
**Case No. 13-1243-EL-BNR**

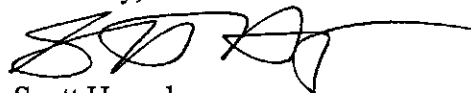
Dear Ms. Contrada,

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

Attachment



May 22, 2013

The Honorable Pete Gerken  
Lucas County Commissioner  
One Government Center, Ste. 800  
Toledo, Ohio 43604

**Construction Notice**  
**Allen Junction Substation Expansion**  
**Case No. 13-1243-EL-BNR**

Dear Mr. Gerken,

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Sincerely,



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

Attachment

May 22, 2013

The Honorable Tina Skeldon Wozniak  
Lucas County Commissioner  
One Government Center, Ste. 800  
Toledo, Ohio 43604

**Construction Notice •**  
**Allen Junction Substation Expansion**  
**Case No. 13-1243-EL-BNR**


Dear Ms. Wozniak,

In the above captioned project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to expand a portion of the Allen Junction Substation fence to incorporate new bus work that is associated with the addition of a second transformer and breaker. This Project is needed to address retirement of Units 2-4 at the Bayshore Generation Station. The proposed Project is located in Sylvania Township, Lucas County, Ohio.

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Sincerely,



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

Attachment

May 22, 2013

Mr. Keith G. Earley, P.E., P.S.  
Lucas County Engineer  
One Government Center, Ste. 870  
Toledo, Ohio 43604

**Construction Notice**  
**Allen Junction Substation Expansion**  
**Case No. 13-1243-EL-BNR**

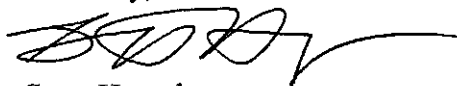
Dear Mr. Earley,

In the above captioned project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Company, is proposing to expand a portion of the Allen Junction Substation fence to incorporate new bus work that is associated with the addition of a second transformer and breaker. This Project is needed to address retirement of Units 2-4 at the Bayshore Generation Station. The proposed Project is located in Sylvania Township, Lucas County, Ohio.

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Sincerely,



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

Attachment

**AMERICAN TRANSMISSION SYSTEMS, INCORPORATED**

**CONSTRUCTION NOTICE**

**ALLEN JUNCTION SUBSTATION EXPANSION PROJECT**

**OPSB CASE NO. 13- 1243 -EL-BNR**

**May 22, 2013**

RECEIVED-DOCKETING DIV

2013 MAY 23 AM 10:41

PUCO

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

**CONSTRUCTION NOTICE**  
**ALLEN JUNCTION SUBSTATION EXPANSION PROJECT**

The following information is being provided in accordance with the procedures delineated in Ohio Administrative Code Section 4906-11-02: Construction Notice Requirements of the Rules and Regulations of the Ohio Power Siting Board.

**4906-11-02 (B): Information Requirements**

**4906-11-02 (B) (1): Name of the Project**

Name of Project:            Allen Junction Substation Expansion Project

**4906-11-02 (B) (2) (a): Brief Description of Project**

In the Allen Junction Substation Expansion Project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, is proposing to expand a portion of the existing Allen Junction Substation fence to incorporate new bus work that is associated with the addition of a second transformer and breaker. A field assessment was conducted in the area of the proposed substation expansion to determine the presence of wetlands and/or any other ecologic features. The field assessment did not identify any ecologic features. The proposed Project is located in Sylvania Township, Lucas County, Ohio.

The general location of the proposed Project is shown in Exhibit 1, which is a partial copy of the United States Geologic Survey, Lucas County, Ohio; Lenawee and Monroe Counties, Michigan Quad, Map ID 41083-F7. The general layout of the proposed Project is shown in Exhibit 2. The existing Allen Junction Substation encompasses an approximately 587,143 square foot area. The southwestern end of the substation will be expanded by, approximately 25,000 square feet to accommodate the additional substation equipment.

**4906-11-02 (B) (2) (b): Construction Notice Requirements**

The proposed Project meets the requirements for a Construction Notice because the project is within the types of project defined by Item (8) and of the Application Requirement Matrix for Electric Power Transmission Lines in Appendix A of 4906-1-01 of the Ohio Administrative Code and the Interim Procedural Order issued in Case No. 12-1981-GE-BRO on September 4, 2012, which requires the filing of a Construction Notice. This items states:

*(8) Constructing additions to existing electric power transmission substation where:*

*(a) There is a twenty percent or less expansion of the fenced area*

The proposed Project includes expanding a small portion of the southwestern fence line approximately 116 feet to the south and 216 feet to the west of the existing fence as shown in Exhibit 2. This will expand the footprint of the substation by approximately 25,000 square feet. This represents an approximate 4% percent expansion of the substation.

**4906-11-02 (B) (3): Need for the Project**

The proposed Project is needed to incorporate new bus work that is associated with the addition of a second transformer and breaker. The new transformer, breaker and associated bus work are needed to address low voltages on the 138 kV system near Allen Junction, due to retirement of Units 2-4 at the Bayshore Generation Plant.

**4906-11-02 (B) (4): Construction Schedule**

Construction on the proposed Project is proposed to begin as early as October 1, 2013. Construction on the proposed Project is expected to be completed by May 31, 2014.

**4906-11-02 (B) (5): Estimated Costs**

The following is the estimated capital cost for the Project and including the associated substation work:

Estimated Cost

\$ 8,645,000

#### **4906-11-02 (B) (6): Operating Characteristics**

The operating characteristics of the Allen Junction Transmission Substation will not be affected by the addition of a second transformer, breaker and associated bus work.

#### **4906-11-02 (B) (7): Area Map**

Exhibit No. 1 depicts the general location of the project site. This exhibit provides a partial copy of the United States Geologic Survey, Lucas County, Ohio; Lenawee and Monroe Counties, Michigan Quad, Map ID 41083-F7. To locate and view the project site from Columbus, Ohio, travel north on I-71 approximately 11 miles and take exit 119 to merge onto I-270 W toward Dayton for approximately 2.2 miles. Take exit 23 to merge onto US-23 N/N High St. toward Delaware and continue to follow US-23 N for approximately 67 miles. Continue onto OH-15 W for approximately 17 miles. Keep right at the fork and follow signs for 75 N/Ohio 15/Toledo and merge onto I-75 N for approximately 35 miles. Take exit 192 on the left to merge onto I-475 N/US-23 N toward Maumee/Ann Arbor and go 13 miles. Take exit 13 for US-20/Central Ave toward OH-13 and turn left onto OH-120 W/US-20 W/W Central Ave and go approximately 3.3 miles. Turn right onto Co Rd 41/Herr Rd go 1 mile then turn left onto Co Rd 41/Sylvania Ave and then take the first right onto Mitchaw Rd and go 2 miles. Turn left onto Co Rd 4/Sylvania-Metamora Rd and go 1 mile, then turn right onto Allen Rd and go approximately .5 miles. The project site will be on the east side of the road.

#### **4906-11-02 (B) (8): Properties List**

The Allen Junction Substation is owned by ATSI and located on The Toledo Edison Company ("Toledo Edison") property. The proposed expansion of Allen Junction Substation will be owned by ATSI. Toledo Edison and ATSI are both FirstEnergy companies, and no additional property rights are needed to construct the project.

**4906-11-02 (C): Documentation of Construction Notice Transmittal**

This Construction Notice is being provided concurrently to the following officials of the Sylvania Township and Lucas County, Ohio. Copies of the transmittal letters to these officials have been included with the transmittal letter submitting this Construction Notice to the Ohio Power Siting Board.

**Sylvania Township**

Mr. John D. Jennewine  
Sylvania Township  
Chairman, Board of Trustees  
4927 Holland-Sylvania Road  
Sylvania, Ohio 43560

Mr. David J. Simko  
Sylvania Township  
Fiscal Officer  
4927 Holland-Sylvania Road  
Sylvania, Ohio 43560

Mr. Neal M. Mahoney  
Sylvania Township  
Vice Chairman, Board of Trustees  
4927 Holland-Sylvania Road  
Sylvania, Ohio 43560

Mr. John Zeitler  
Township Administrator  
Sylvania Township  
Board of Trustees  
4927 Holland-Sylvania Road  
Sylvania, Ohio 43560

Mr. Kevin G. Haddad  
Sylvania Township  
Board of Trustees  
4927 Holland-Sylvania Road  
Sylvania, Ohio 43560

**Lucas County**

The Honorable Carol Contrada  
Lucas County Commissioner  
One Government Center, Ste. 800  
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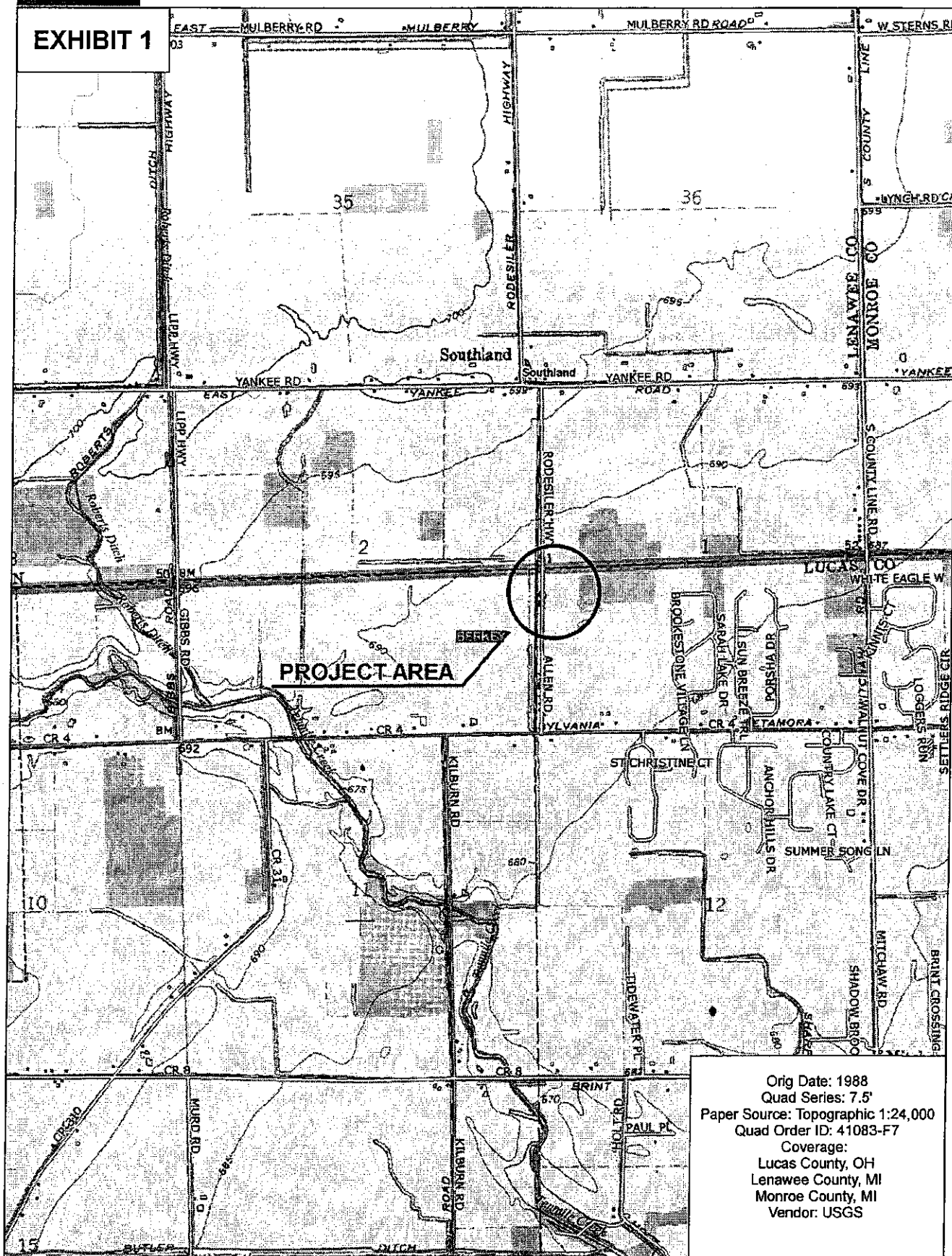
The Honorable Tina Skeldon Wozniak  
Lucas County Commissioner  
One Government Center, Ste. 800  
Toledo, Ohio 43604

The Honorable Pete Gerken  
Lucas County Commissioner  
One Government Center, Ste. 800  
Toledo, Ohio 43604

Mr. Keith G. Earley, P.E., P.S.  
Lucas County Engineer  
One Government Center, Ste. 870  
Toledo, Ohio 43604



EXHIBIT 1

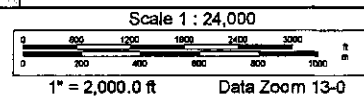


Orig Date: 1988  
 Quad Series: 7.5'  
 Paper Source: Topographic 1:24,000  
 Quad Order ID: 41083-F7  
 Coverage:  
 Lucas County, OH  
 Lenawee County, MI  
 Monroe County, MI  
 Vendor: USGS

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www.delorme.com



ALLEN JUNCTION  
SUBSTATION

116'±

216'±

SYLVANIA TOWNSHIP  
LUCAS COUNTY  
OHIO

—X— FENCELINE



AREA OF EXPANSION

\*\*\* NOT TO SCALE

**ATSI**

American Transmission Systems, Inc.  
a subsidiary of The Energy Corp.

ALLEN JUNCTION SUBSTATION  
EXPANSION PROJECT

GENERAL LAYOUT

EXHIBIT 2