

NE

**FirstEnergy**

26  
76 South Main Street  
Akron, Ohio 44308

1-800-646-0400

January 22, 2015

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

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
**Underground Reconductor Project**  
**Case No. 15-0054-EL-BNR**

Dear Ms. McNeal:

In accordance with Administrative Code Rule 4906-1-11, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, transmits one (1) original and eleven (11) copies of the enclosed Construction Notice for the above captioned Project. In this Project, ATSI is proposing to reconductor the existing underground section of the Juniper-Jennings (Q-15) & the Juniper-Newburgh (Q-18) 138 kV Transmission Lines between structures #2533 and #2534 with a larger capacity conductor. ATSI is requesting expedited processing for this Letter of Notification. The Project will be located the City of Independence and the Village of Valley View, Cuyahoga County Ohio.

Please be advised of the following:

a) Name and address of the applicants:

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

b) Name of proposed facilities:

Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line  
Underground Reconductor Project

c) Location of proposed facilities:

The Project area is located in an existing transmission corridor in City of Independence and the Village of Valley View, Cuyahoga County Ohio.

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  
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d) Description of proposed facilities:

The project involves reconductoring the existing underground section of the Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Lines between structures #2533 and #2534 with a larger capacity conductor.

e) Applicant's representative:

William R. Beutler  
Engineer II  
Energy Delivery Transmission and Substation Design  
FirstEnergy Service Company  
76 South Main Street  
Akron, OH 44308-1890

We have provided a copy of the Construction Notice by certified mail, with return receipt requested, to each official of the political subdivisions immediately affected by the proposed project as listed in the attached Exhibit 1. Copies of the transmittal letters addressed to the local government representatives of the City of Independence, the Village of Valley View, and Cuyahoga County are enclosed for your file.

After docketing this filing, please return one time-stamped copy of the Construction Notice 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*

William R. Beutler  
Engineer II  
Energy Delivery Transmission and Substation Design  
FirstEnergy Service Company

Attachments

January 22, 2015

Mr. Armond D. Budish  
Cuyahoga County Executive  
2079 East 9th Street  
Cleveland OH, 44115

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
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**Case No. 15-0054-EL-BNR**

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

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

Sincerely,

*William R. Beutler*

William R. Beutler  
Engineer II  
Energy Delivery  
Transmission & Substation Design  
FirstEnergy Service Company

Attachment

January 22, 2015

Mr. Dan Brady  
Cuyahoga County Council President  
2079 East 9<sup>th</sup> Street, 8<sup>th</sup> Floor  
Cleveland, Ohio 44115

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
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Energy Delivery  
Transmission & Substation Design  
FirstEnergy Service Company

Attachment

January 22, 2015

Mr. Jack Schron  
Cuyahoga County Council District 6  
2079 East 9th Street, 8<sup>th</sup> Floor  
Cleveland, Ohio 44115

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
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Sincerely,

*William R. Beutler*

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Energy Delivery  
Transmission & Substation Design  
FirstEnergy Service Company

Attachment

January 22, 2015

Ms. Jeanne Schmotzer  
Cuyahoga County Clerk of Council  
2079 East 9th Street, 8<sup>th</sup> Floor  
Cleveland, Ohio 44115

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
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*William R. Beutler*

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Engineer II  
Energy Delivery  
Transmission & Substation Design  
FirstEnergy Service Company

Attachment

January 22, 2015

Mr. Nathan Kelly, Chair  
Cuyahoga County Planning Commission  
310 W. Lakeside Avenue, Suite 700  
Cleveland, Ohio 44113

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
**Underground Reconductor Project**  
**Case No. 15-0054-EL-BNR**

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Sincerely,

*William R. Beutler*

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Engineer II  
Energy Delivery  
Transmission & Substation Design  
FirstEnergy Service Company

Attachment

January 22, 2015

Mr. Glenn Coyne, FAICP,  
Executive Director  
Cuyahoga County Planning Commission  
2079 East 9<sup>th</sup> Street  
Cleveland, Ohio 44115

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
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*William R. Beutler*

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Engineer II  
Energy Delivery  
Transmission & Substation Design  
FirstEnergy Service Company

Attachment



January 22, 2015

Mr. Bonita Teeuwen, P.E.  
Cuyahoga County Director of Public Works  
2079 East 9<sup>th</sup> Street, 5<sup>th</sup> Floor  
Cleveland, Ohio 44115

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
**Underground Reconductor Project**  
**Case No. 15-0054-EL-BNR**

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Sincerely,

*William R. Beutler*

William R. Beutler  
Engineer II  
Energy Delivery  
Transmission & Substation Design  
FirstEnergy Service Company

Attachment

January 22, 2015

The Honorable Gregory P Kurtz, Mayor  
City of Independence  
6800 Brecksville Road  
Independence OH, 44131

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
**Underground Reconductor Project**  
**Case No. 15-0054-EL-BNR**

Dear Mayor Kurtz,

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Sincerely,

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Energy Delivery  
Transmission & Substation Design  
FirstEnergy Service Company

Attachment

January 22, 2015

Mr. Anthony Togliatti, Vice Mayor  
Independence City Council  
6800 Brecksville Road  
Independence OH, 44131

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
**Underground Reconductor Project**  
**Case No. 15-0054-EL-BNR**

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Energy Delivery  
Transmission & Substation Design  
FirstEnergy Service Company

Attachment

January 22, 2015

Ms. Debi Beal, Clerk of Council  
City of Independence  
6800 Brecksville Road  
Independence OH, 44131

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**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
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Transmission & Substation Design  
FirstEnergy Service Company

Attachment

January 22, 2015

Mr. Dale Lytkowski, Chairman  
Independence Planning Commission  
6800 Brecksville Road  
Independence OH, 44131

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
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Energy Delivery  
Transmission & Substation Design  
FirstEnergy Service Company

Attachment

January 22, 2015

Mr. Donald J. Ramm, P.E.  
City Engineer  
City of Independence  
6800 Brecksville Road  
Independence OH, 44131

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
**Underground Reconductor Project**  
**Case No. 15-0054-EL-BNR**

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Transmission & Substation Design  
FirstEnergy Service Company

Attachment

January 22, 2015

The Honorable Jerry Piasecki, Mayor  
Village of Valley View  
6848 Hathaway Road  
Valley View OH, 44125

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
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Transmission & Substation Design  
FirstEnergy Service Company

Attachment

January 22, 2015

Mr. Jeff Wyatt, Council President  
Valley View Village Council  
6848 Hathaway Road  
Valley View OH, 44125

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
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FirstEnergy Service Company

Attachment



January 22, 2015

Mr. Larry Ellis, Building Commissioner  
Village of Valley View  
Building Department  
6848 Hathaway Road, Lower Level  
Valley View OH, 44125

**Construction Notice**  
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Attachment

January 22, 2015

Mr. Todd Sciano, City Engineer  
Village of Valley View  
Donald G Bohning & Associates, Inc.  
7979 Hub Parkway  
Valley View OH, 44125

**Construction Notice**  
**Juniper-Jennings (Q-15) & Juniper-Newburgh (Q-18) 138 kV Transmission Line**  
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Attachment

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

**CONSTRUCTION NOTICE**

**JUNIPER-JENNINGS (Q-15) & JUNIPER-NEWBURGH (Q-18) 138 kV TRANSMISSION LINE UNDERGROUND RECONDUCTOR PROJECT**

**OPSB CASE NO.: 15-0054-EL-BNR**

**January 22, 2015**

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

**CONSTRUCTION NOTICE**  
**JUNIPER-JENNINGS (Q-15) & JUNIPER-NEWBURGH (Q-18) 138 kV**  
**TRANSMISSION LINE UNDERGROUND RECONDUCTOR PROJECT**

The following information is being provided in accordance with the procedures in the Ohio Administrative Code (OAC) Rule 4906-11-02: Construction Notice Requirements of the Rules of the Ohio Power Siting Board.

**4906-11-02 (B): GENERAL INFORMATION**

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

Name of Project: Juniper-Jennings (Q-15) & Juniper-Newburgh 138 kV Transmission Line Underground Reconductor Project ("Project").

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

In this Project, American Transmission Systems, Incorporated ("ASTP"), a FirstEnergy company, is proposing to reconductor the underground section of the Juniper-Jennings (Q-15) & the Juniper-Newburgh (Q-18) 138 kV Transmission Lines. The proposed section of the Juniper-Jennings (Q-15) & the Juniper-Newburgh (Q-18) 138 kV Transmission Lines to be reconducted is located between structures #2533 and #2534 in the City of Independence, and the Village of Valley View, Cuyahoga County, Ohio and runs for approximately 1400 feet. The existing conductor is 2500 kcmil aluminum conductor with XLPE insulation and the Project proposes to replace it with 2500 kcmil copper conductor with XLPE insulation.

The general location of the Project is shown in Exhibit 1, which is a partial copy of the United States Geologic Survey, Cuyahoga County Ohio, Quad Map, ID number 41081-D6. The general layout in Exhibit 2. The Project is located in the City of Independence, and the Village of Valley View, Cuyahoga County, Ohio.

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

The Project meets the requirements for a Construction Notice because the Project is within the types of projects defined by Item (3) of the Interim Application Requirement Matrix for Electric Power Transmission Lines in the Finding and Order issued on September 4, 2012, as subsequently modified on December 17, 2012, in Case No. 12-1981-GE-BRO which modified Appendix A of Rule 4906-1-01 of the Ohio Administrative Code. This item states:

*(3) Replacing conductors on existing structures with larger or bundled conductors.*

The proposed Project involves replacement of 2500 kcmil aluminum conductor with 2500 kcmil copper conductor, which are physically the same size, but the copper has a larger capacity. The Project will use existing right-of-way and no new right-of-way will be required.

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

The existing conductor is being replaced due to the condition of the existing conductor as a result of previous failures of the terminators, which connect the overhead and underground conductors. In order to meet current design requirements, support future demand, provided for a system spare conductor, and increase the reliability of the lines, it was decided to change the type of cable (aluminum to copper) and upgrade capacity of the new conductors with a 2500 kcmil copper conductor during the replacement.

**4609-11-02 (B) (4): Construction Schedule**

The construction schedule for this Project is expected to begin as early as March 9, 2015 and completed by June 30, 2015.

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

The following is the estimated capital cost for the proposed project:

Total Project Cost: \$ 1,500,000

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

The transmission line construction will have the following characteristics:

Voltage:	138 kV
Conductors:	2500 kcmil copper conductor
Insulators:	XLPE insulation

#### **4609-11-02 (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, Cuyahoga County Ohio, quadrangle map (Quad Order ID 41081-D6). To locate and view the Project site from Columbus Ohio, take I-71 N for approximately 112 miles. Take exit 220 for I-271 N toward Erie Pa for 0.3 miles, and then continue onto I-271 for 9.6 miles. Take exit 10 and merge on to I-77 N toward Cleveland for 12.1 miles. Then take exit 155 for Rockside Road toward Seven Hills-Independence for 0.3 miles and turn right onto Rockside Road for 1.3 miles. Turn left onto Canal Road for 0.7 miles and then take the second left across the bridge for 171 feet and then turn right onto W Canal Road for 0.3 miles. Take the second left onto Exchange Road for 0.2 miles. The end of Exchange Road is the address 7700 Exchange Road which contains a gravel lot. Drive 250 feet west and then 310 feet to the south to reach the southwest corner of the gravel lot where southernmost structure #2533 of the Project is located.

To locate the northernmost structure #2534 of the Project, start from the intersection of W Canal Road and Exchange Road go north on W Canal Road for 0.4 miles and then turn right onto Cloverleaf Parkway for 250 ft. Turn left at the driveway to 5520 Cloverleaf Parkway for 340 feet to the west. Then turn left, behind the warehouse at 5520 Cloverleaf Parkway and head south for 140 feet until the end of the pavement. A gravel access road begins there, follow it 200 feet south to locate structure #2534. An alternative access point for the gravel access road is at 7601 Exchange Street from a parking lot that can be accessed from either W Canal Road or Exchange Street. The gravel access road is located in the northeast corner of the parking lot near the W Canal Road entrance. From there follow the gravel road for 1700 feet to locate structure # 2534.

**4906-11-02 (B) (8): Property Owner List**

The Project is located on existing right-of-way. No new easements or right-of-way for the Project will need to be acquired. The property information for this Project was obtained through the Cuyahoga County Auditor's website and is listed below.

Parcel Number	Property Owner	Property Address	Easement Status
561-12-008	Automotive Real Estate LLC	7075 Wall St.	Obtained
561-12-006	BCJ Properties LLC	7700 Exchange St	Obtained
561-12-007	BCJ Properties LLC	7700 Exchange St	Obtained
571-04-014	Lombardo Huelene U. Trs.	Interstate Rt. 480	Obtained
571-04-005	Lombardo Charles J Trs.	Interstate Rt. 480	Obtained
571-04-004	Lombardo Charles J Trs.	Canal Rd.	Obtained

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

This Construction Notice is being provided concurrently to the following officials in

**Cuyahoga County**

Mr. Armond D. Budish  
Cuyahoga County Executive  
2079 East 9th Street  
Cleveland OH, 44115

Mr. Dan Brady  
Cuyahoga County Council President  
2079 East 9th Street, 8th Floor  
Cleveland, Ohio 44115

Mr. Jack Schron  
Cuyahoga County Council District 6  
2079 East 9th Street, 8th Floor  
Cleveland, Ohio 44115

Ms. Jeanne Schmotzer  
Cuyahoga County Clerk of Council  
2079 East 9th Street, 8th Floor  
Cleveland, Ohio 44115

Mr. Nathan Kelly, Chair  
Cuyahoga County  
Planning Commission  
310 W. Lakeside Avenue, Suite 700  
Cleveland, Ohio 44113

Mr. Glenn Coyne, FAICP,  
Executive Director  
Cuyahoga County Planning Commission  
2079 East 9th Street  
Cleveland, Ohio 44115

Mr. Bonita Teeuwen, P.E.  
Cuyahoga County Director of Public Works  
2079 East 9th Street, 5th Floor  
Cleveland, Ohio 44115

**City of Independence**

The Honorable Gregory P Kurtz, Mayor  
City of Independence  
6800 Brecksville Road  
Independence OH, 44131

Mr. Anthony Togliatti, Vice Mayor  
Independence City Council  
6800 Brecksville Road  
Independence OH, 44131

Ms. Debi Beal, Clerk of Council  
City of Independence  
6800 Brecksville Road  
Independence OH, 44131

Mr. Dale Lytkowski, Chairman  
Independence Planning Commission  
6800 Brecksville Road  
Independence OH, 44131

Mr. Donald J. Ramm, P.E.,  
City Engineer  
City of Independence  
6800 Brecksville Road  
Independence OH, 44131

**Village of Valley View**

The Honorable Jerry Piasecki,  
Mayor  
Village of Valley View  
6848 Hathaway Road  
Valley View OH, 44125

Mr. Jeff Wyatt, Council President  
Valley View Village Council  
6848 Hathaway Road  
Valley View OH, 44125

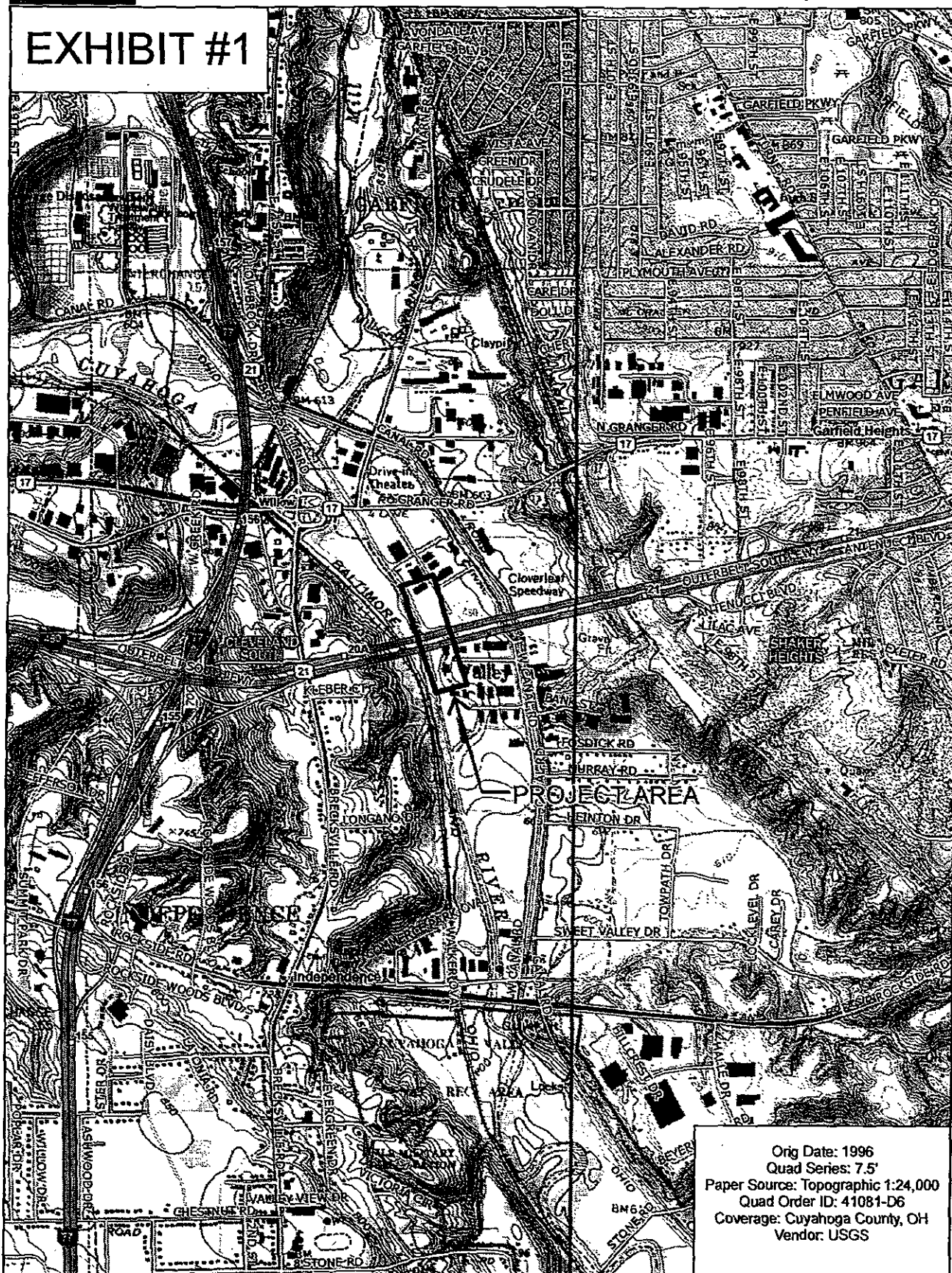
Mr. Larry Ellis, Building Commissioner  
Village of Valley View  
Building Department  
6848 Hathaway Road, Lower Level  
Valley View OH, 44125

Mr. Todd Sciano, City Engineer  
Village of Valley View  
Donald G Bohning & Associates, Inc.  
7979 Hub Parkway  
Valley View OH, 44125

Copies of the transmittal letters to these officials have been included with the transmittal letter submitting this Construction Notice to the Ohio Power Sitting Board.



# EXHIBIT #1

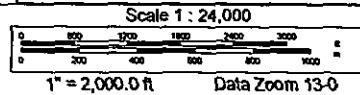


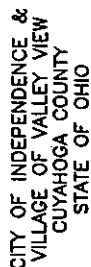
Orig Date: 1996  
 Quad Series: 7.5'  
 Paper Source: Topographic 1:24,000  
 Quad Order ID: 41081-D6  
 Coverage: Cuyahoga County, OH  
 Vendor: USGS

Data use subject to license.

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**JUNIPER-JENNINGS (Q-15) & JUNIPER NEWBURGH  
(Q-18) 138 kV TRANSMISSION LINE  
UNDERGROUND RECONDUCTOR PROJECT**

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

# GENERAL LAYOUT

EXHIBIT #2

### LEGEND

-  EXISTING TRANSMISSION STRUCTURE  
 - - - - - EXISTING OVERHEAD TRANSMISSION LINE  
 \_\_\_\_\_ UNDERGROUND TRANSMISSION LINE TO BE RECONDUCTORED  
 ##### EXISTING RAILROAD  
 ===== EXISTING WATERWAY