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Akron, Ohio 44308

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FILE

PUCO

September 8, 2014

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

**Construction Notice**  
**Wadsworth Muni Silvercrest-West Akron 138 kV**  
**Transmission Line By-Pass at Pine Substation Project**  
**Case No. 14-1422-EL-BNR**

Dear Ms. McNeal:

In accordance with Rule 4906-1-11 of the Ohio Administrative Code, American Transmission Systems, Incorporated ("ATSI") and Ohio Edison Company ("OE"), FirstEnergy Companies, transmit one (1) original and eleven (11) copies of the enclosed Construction Notice for the above captioned project. In this project, ATSI and OE are requesting that the Board approve the conversion of the existing temporary tap which was approved in Case No.13-1018-EL-BNR to a permanent installation from the existing Wadsworth Muni Silvercrest-West Akron 138 kV Transmission Line to the distribution substation at the existing Pine Substation. This tap will continue to serve as a by-pass to the normal 138 kV feed to Pine Substation for future operation and maintenance flexibility.

The transmission line tap extends approximately 450 feet from the existing Wadsworth Muni Silvercrest-West Akron 138 kV Transmission Line to Pine Substation. The Project area is located at approximately 341 White Pond Drive, in the City of Akron, Summit County, Ohio.

Please be advised of the following:

a) Name and address of the applicant:

Ohio Edison Company  
76 South Main Street  
Akron, Ohio 44308

and

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

b) Name of proposed facilities:

Wadsworth Muni Silvercrest-West Akron 138 kV  
Transmission Line By-Pass at Pine Substation  
Project

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 DW Date Processed SEP 09 2014

c) Location of proposed facilities:

The Project area is located at approximately 341 White Pond Drive, in the City of Akron, Summit County, Ohio

d) Description of proposed facilities:

Through this Project, that Applicants are requesting that the Board allow Applicant to convert the existing temporary tap approved in Case No. 13-1018-EL-BNR to a permanent installation from the existing Wadsworth Muni Silvercrest-West Akron 138 kV Transmission Line to the distribution substation at the existing Pine Substation. The transmission line tap extends approximately 450 feet from the existing Wadsworth Muni Silvercrest-West Akron 138 kV Transmission Line to Pine Substation.

e) Applicant's representative:

Jessica Thacker, Engineer  
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 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 Akron, Summit County are also enclosed.

Should the Ohio Power Siting Board desire further information or discussion of this submittal, please contact me at (330) 384-5955.

Sincerely,



Jessica Thacker  
Engineer  
Energy Delivery Transmission and Substation Design  
FirstEnergy Service Company

Attachments

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**AMERICAN TRANSMISSION SYSTEMS, INCORPORATED  
&  
OHIO EDISON COMPANY**

**CONSTRUCTION NOTICE**

**WADSWORTH MUNI SILVERCREST-WEST AKRON  
138 kV TRANSMISSION LINE  
BY-PASS AT PINE SUB**

**OPSB CASE NO.: 14-1422-EL-BNR**

**September 8, 2014**

**Ohio Edison Company  
76 South Main Street  
Akron, Ohio 44308**

**&**

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

**CONSTRUCTION NOTICE**  
**WADSWORTH MUNI SILVERCREST-WEST AKRON**  
**138 kV TRANSMISSION LINE BY-PASS AT PINE SUB**

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): General Information**

**4906-11-02 (B) (1): Name and Reference Number**

Name of Project:           Wadsworth Muni Silvercrest-West Akron 138 kV  
Transmission Line By-Pass at Pine Substation Project  
("Project").

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

In this Project, American Transmission Systems, Incorporated ("ATSI") and Ohio Edison Company ("OE"), FirstEnergy Companies, are seeking the approval of the Board to convert the existing temporary tap (approved in Case No. 13-1018-EL-BNR) and associated structures, to a permanent tap from the existing Wadsworth Muni Silvercrest-West Akron 138 kV Transmission Line to the distribution substation at the existing Pine Substation. This tap will continue to serve as a by-pass to the normal 138 kV feed to Pine Substation when needed for future operation and maintenance flexibility.

Four (4) new wood poles and one (1) new stub pole were previously installed for the transmission line by-pass, as approved in Case No. 13-1018-EL-BNR. No new poles or structures are being proposed. ATSI owns the existing Wadsworth Muni Silvercrest-West Akron 138 kV Transmission Line and OE will continue to own the by-pass, structures, and associated hardware. The Project area is located at 341 White Pond Drive, in the City of Akron, Summit County, Ohio. The general location of the Project is shown in Exhibit 1, which is a partial copy of the United States Geologic Survey, Summit County Ohio Quad Map, ID number 41081-A5. Exhibit 2 shows the general layout of the proposed Project.

**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 project defined by Item (8)(a) of the Interim Application Requirement Matrix for Electric Power Transmission Lines in the Finding and Order issued on September 4, 2012 in Case No. 12-1981-GE-BRO and in Appendix A of 4906-1-01 of the Ohio Administrative Code. This item states:

*(1) Rerouting or extension or new construction of single or multiple circuit electric power transmission line(s) as follows:*

*(c) Line(s) one hundred twenty-five kV and above, but less than three hundred kV, and not greater than 0.2 miles in length.*

The Project converts the previously installed, approximately 450 feet (0.09 mile), Wadsworth Muni Silvercrest-West Akron 138 kV Transmission Line bypass to the existing Pine Substation from a temporary to a permanent installation.

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

The initial filing was requested to de-energize a portion of Pine Substation. Pine Substation has undergone improvements to increase reliability to the planned System Control Center being built nearby. Converting the temporary by-pass to a permanent installation will allow for the future flexibility to feed a mobile substation at Pine Substation, allowing for operational and maintenance flexibility for any future work at Pine Substation.

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

Construction of the temporary by-pass has been completed. This filing is a request to allow the temporary by-pass to remain as permanent structures.

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

As the tap has been constructed as approved in Case No. 13-1018-EL-BNR, no additional costs will be incurred for this Project.

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

The existing Wadsworth Muni Silvercrest-West Akron line operates at 138 kV. The new transmission line tap has also been designed and constructed for 138 kV operation. The proposed by-pass structures will not change the operating characteristics of this transmission line. The transmission line tap has the following characteristics:

Voltage:	138 kV
Conductor:	3/0 ACSR
Insulators:	Polymer Horizontal Post/Polymer Suspension
Structure types:	Exhibit No. 3 – Single Circuit Corner Dead End Structure Exhibit No. 4 – Single Circuit Light Angle Structure Exhibit No. 5 – Stub Pole Exhibit No. 6 – Single Circuit Tangent Structure

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

Exhibit No. 1 is a map depicting the general location of the project site. To locate and view the project site from the Columbus, Ohio area, travel north on Interstate 71 for approximately 101 miles. Take exit 209A-209B to merge onto I-76 E/US-224 toward Akron for approximately 13.5 miles. Take exit 13B to merge onto OH-21 N toward Cleveland for approximately 5.7 miles. Take the exit I-77 toward Akron and continue for approximately 3.9 miles. Turn exit 132 for White Pond Dr toward Mull Ave and turn left onto White Pond Dr. Follow White Pond Dr. for approximately 0.6 miles and Pine Substation will be on the right.

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

Property along the Project route is currently owned by Ohio Edison, a FirstEnergy Company.

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

This Construction Notice is being provided concurrently to the following officials of the City of Akron, Summit County, Ohio:

**Summit County**

Ilene Shapiro, President  
Summit County Commissioner  
175 South Main Street  
Room 700  
Akron, OH 44308

Jennifer Novakovic  
Summit County Clerk of Council  
175 South Main Street  
Room 700  
Akron, OH 44308

Russell Pry  
Summit County Executive  
175 South Main Street  
8<sup>th</sup> Floor  
Akron, OH 44308

Alan Brubaker, P.E., P.S.  
Summit County Engineer  
538 E. South Street  
Akron, OH 44311

Kristen Scalise, CPA, CFE  
Summit County Fiscal Officer  
Ohio Building  
175 South Main Street  
Akron, OH 44308

**City of Akron**

The Honorable Donald Plusquellic  
Mayor of the City of Akron  
166 S High Street  
Suite 200  
Akron, OH 44308

Bob Keith  
Akron City Clerk of Council  
166 S High Street  
3<sup>rd</sup> Floor  
Akron, OH 44308

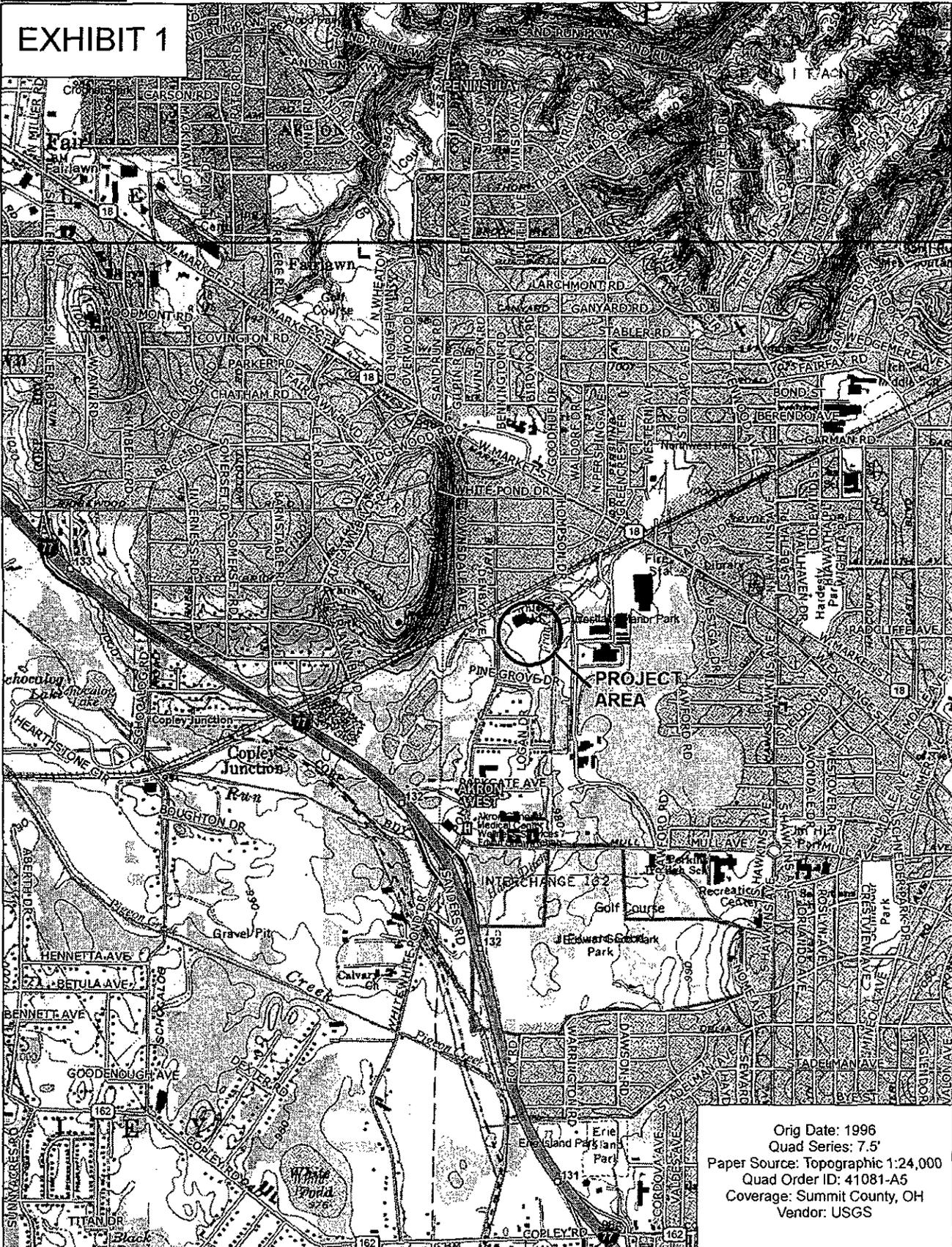
Garry Moneypenny, President  
Akron City Council  
166 S High Street  
3<sup>rd</sup> Floor  
Akron, OH 44308

Marco Sommerville, Director  
City of Akron Planning and Urban  
Development  
166 South High Street  
Akron, OH 44308

James Hewitt, Manager  
City of Akron Engineering Bureau  
166 South High Street  
Room 701  
Akron, OH 44308

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.

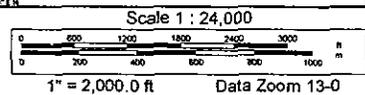
# EXHIBIT 1



Orig Date: 1996  
 Quad Series: 7.5'  
 Paper Source: Topographic 1:24,000  
 Quad Order ID: 41081-A5  
 Coverage: Summit County, OH  
 Vendor: USGS

Data use subject to license.

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S FRANK BLVD

WHITE POND DRIVE

BUILDING

EXHIBIT 3

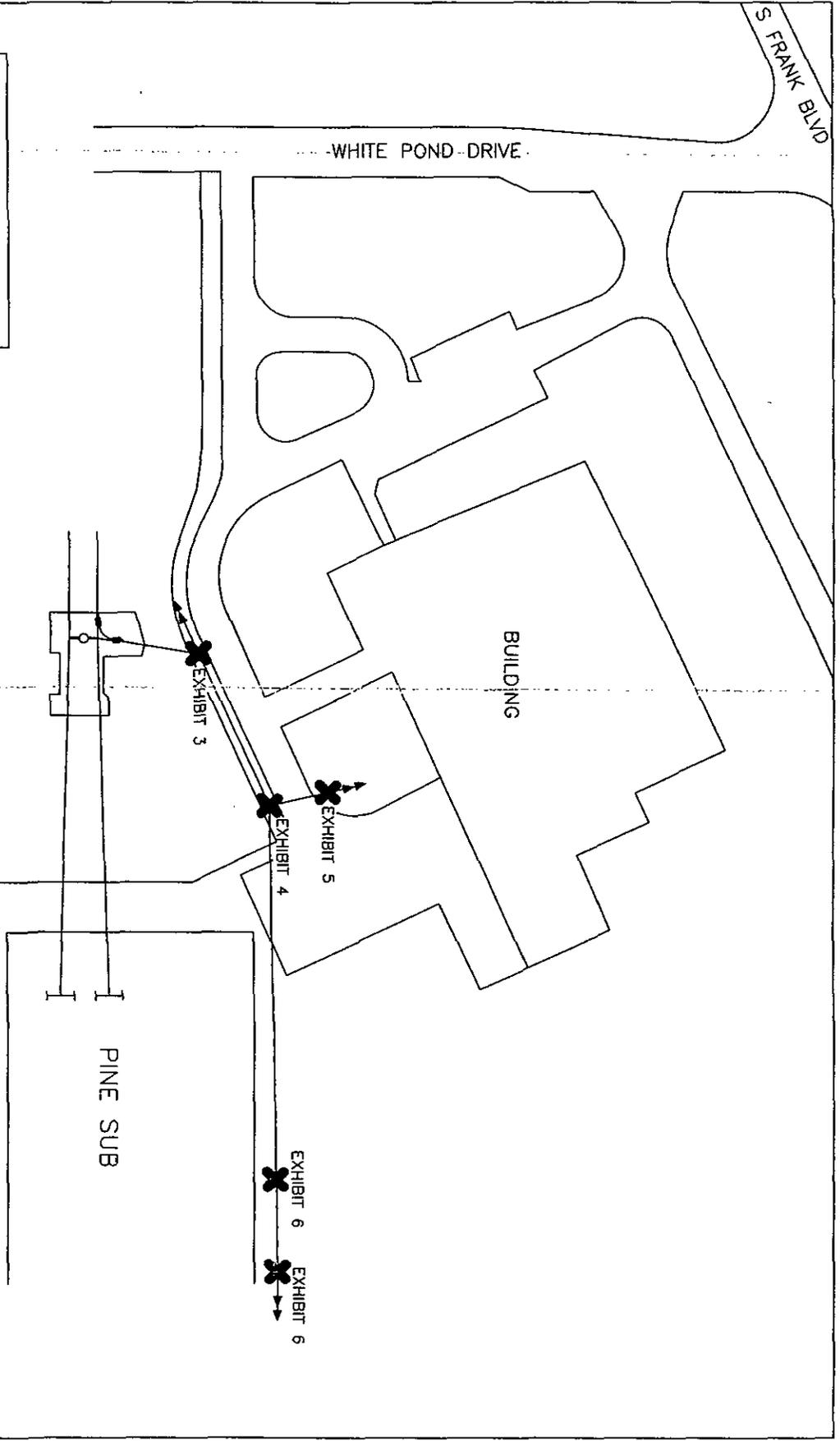
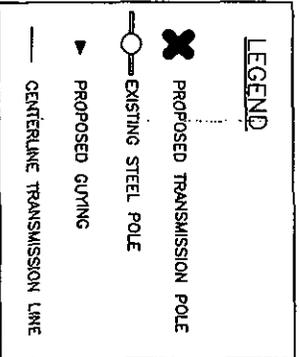
EXHIBIT 4

EXHIBIT 5

EXHIBIT 6

EXHIBIT 6

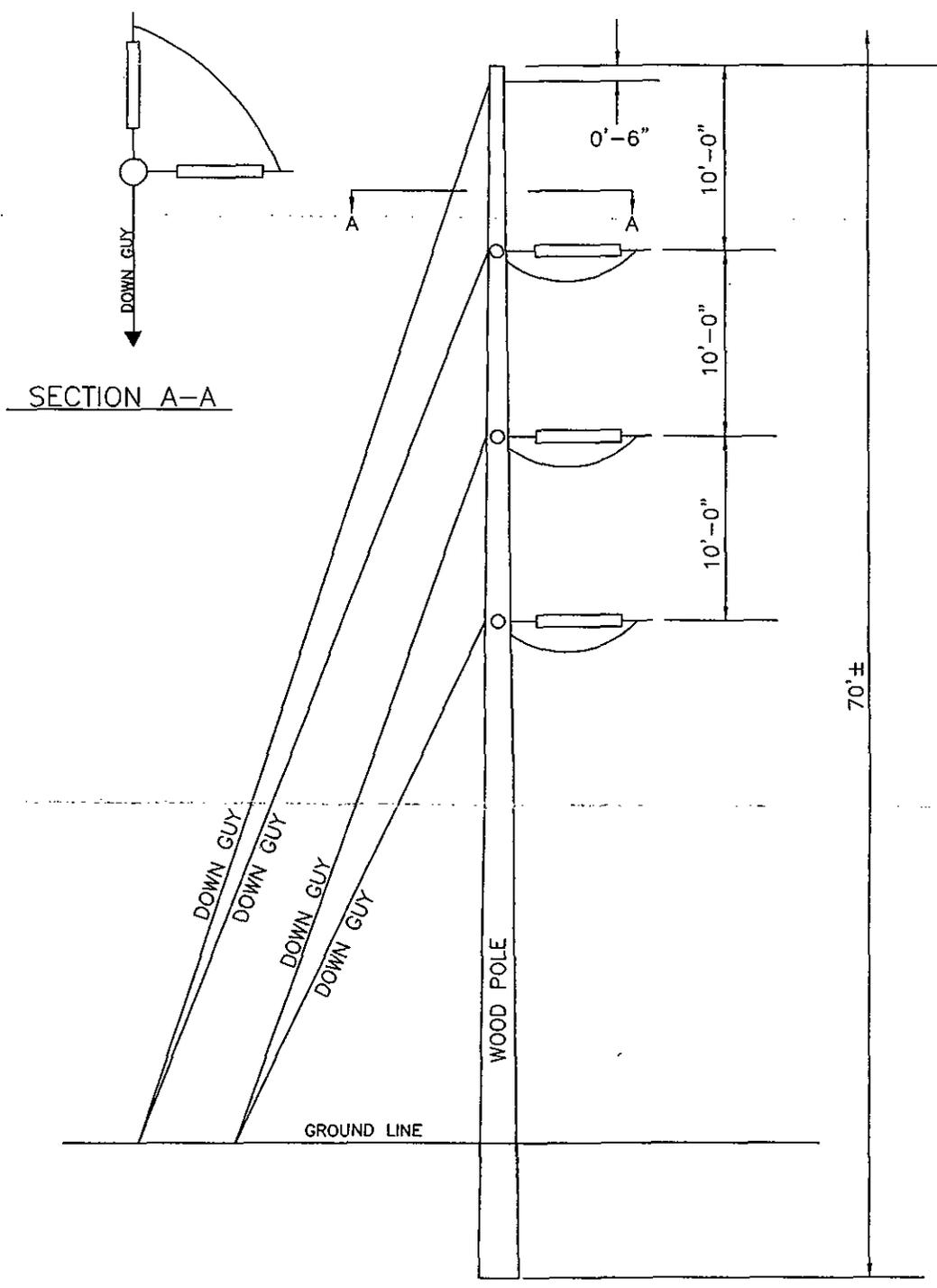
PINE SUB



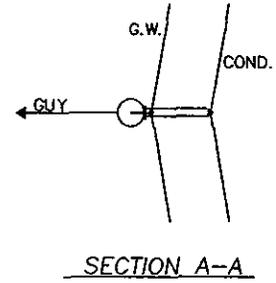
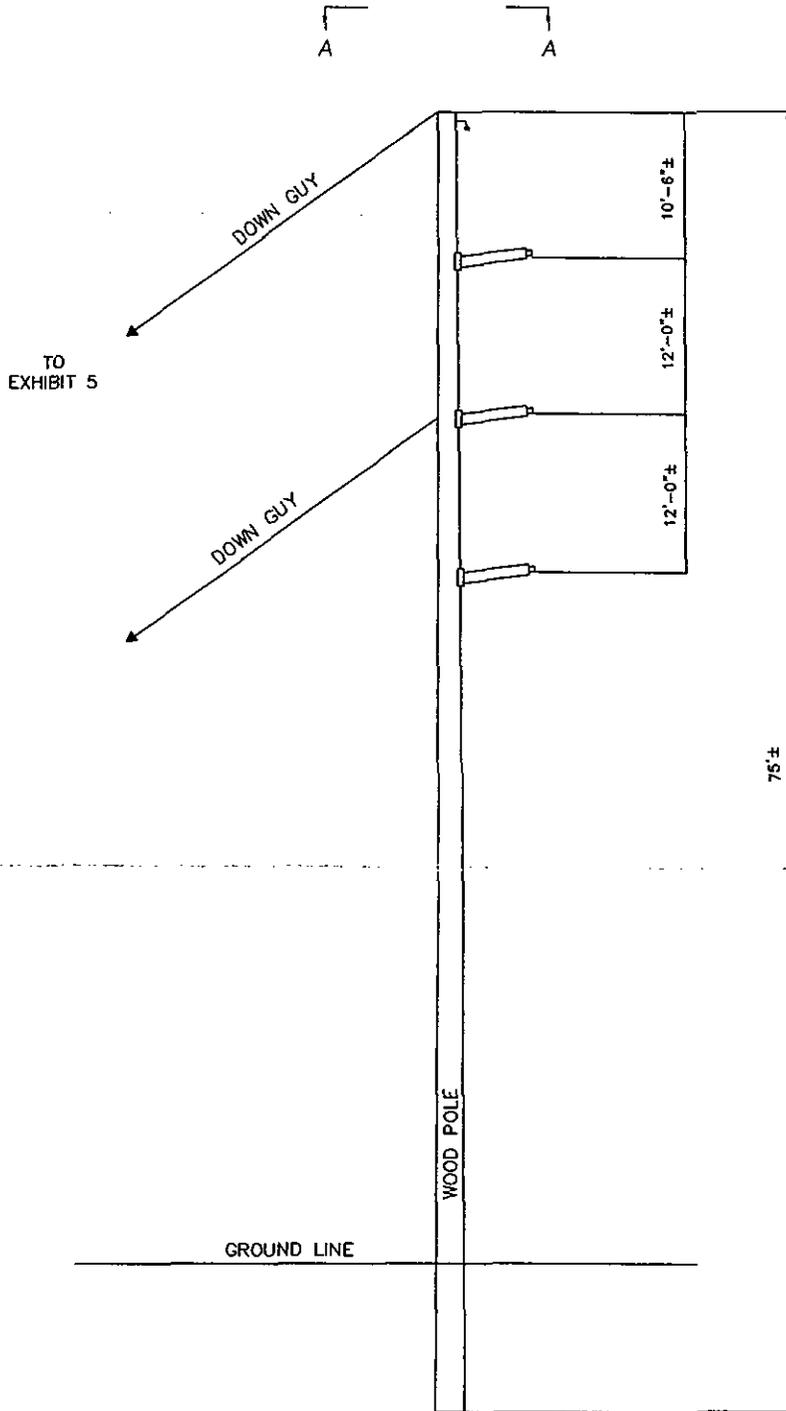
**ATSI**  
 American Transmission Systems, Inc.  
 A FirstEnergy Company

**Ohio Edison**  
 WADSWORTH MUNI SILVERCREST-WEST AKRON 138 KV TRANSMISSION  
 LINE BY-PASS AT PINE SUBSTATION PROJECT  
 GENERAL LAYOUT

**EXHIBIT 2**



<b>ATSI</b> <sup>®</sup>	<b>OhioEdison</b> <sup>®</sup>
<small>American Transmission Systems, Inc. a subsidiary of FirstEnergy Corp.</small>	<small>A FirstEnergy Company</small>
WADSWORTH MUNI SILVERCREST-WEST AKRON 138 KV TRANSMISSION LINE BY-PASS AT PINE SUBSTATION PROJECT	
SINGLE CIRCUIT CORNER DEAD END STRUCTURE	
EXHIBIT 3	



**ATSI**<sup>®</sup>

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a subsidiary of FirstEnergy Corp.

**Ohio Edison**<sup>®</sup>

A FirstEnergy Company

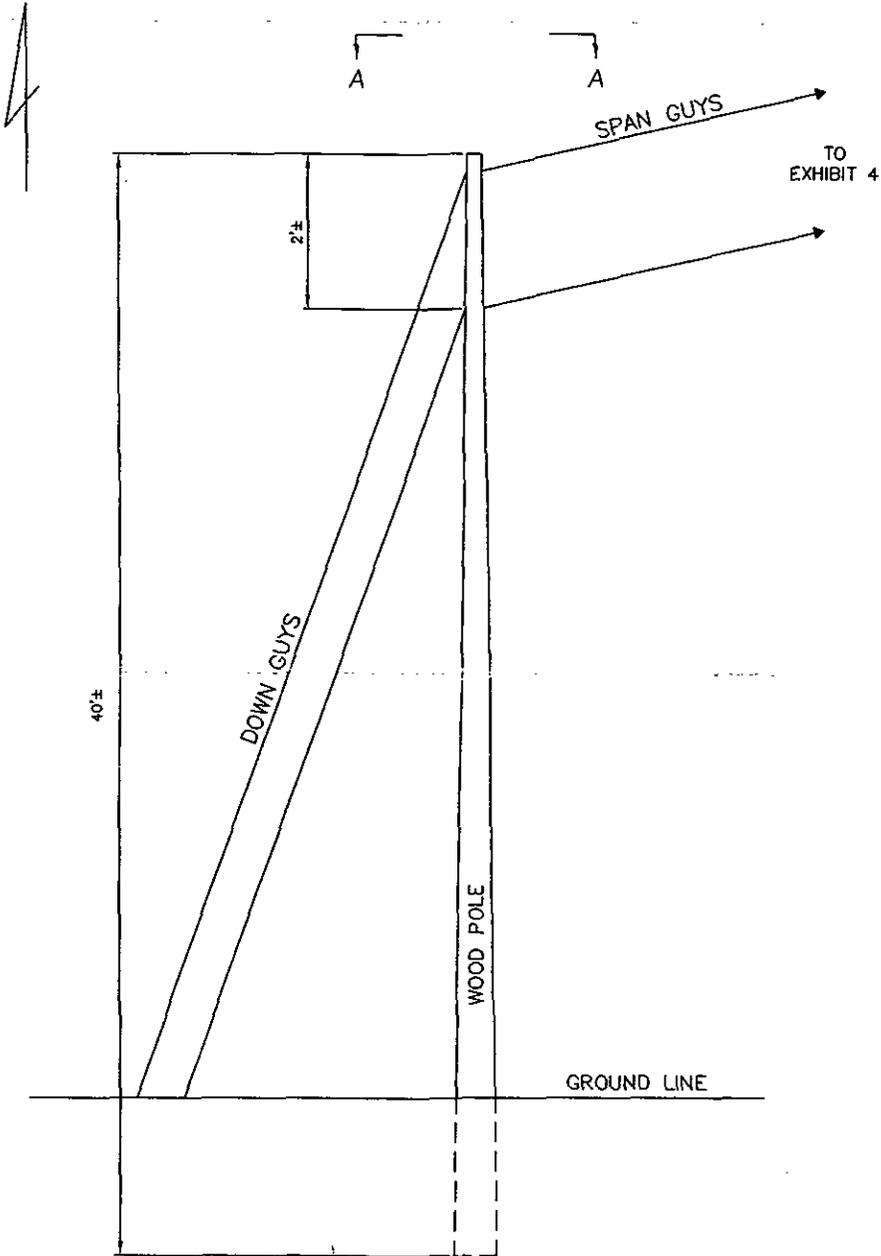
WADSWORTH MUNI SILVERCREST-WEST AKRON 138 kV TRANSMISSION  
 LINE TEMPORARY BY-PASS AT PINE SUBSTATION PROJECT

SINGLE CIRCUIT LIGHT ANGLE STRUCTURE

EXHIBIT 4

← DOWN GUYS ○ SPAN GUYS → SEE EX. 4

SECTION A-A



**ATSI**<sup>®</sup>

American Transmission Systems, Inc.  
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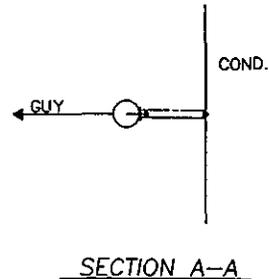
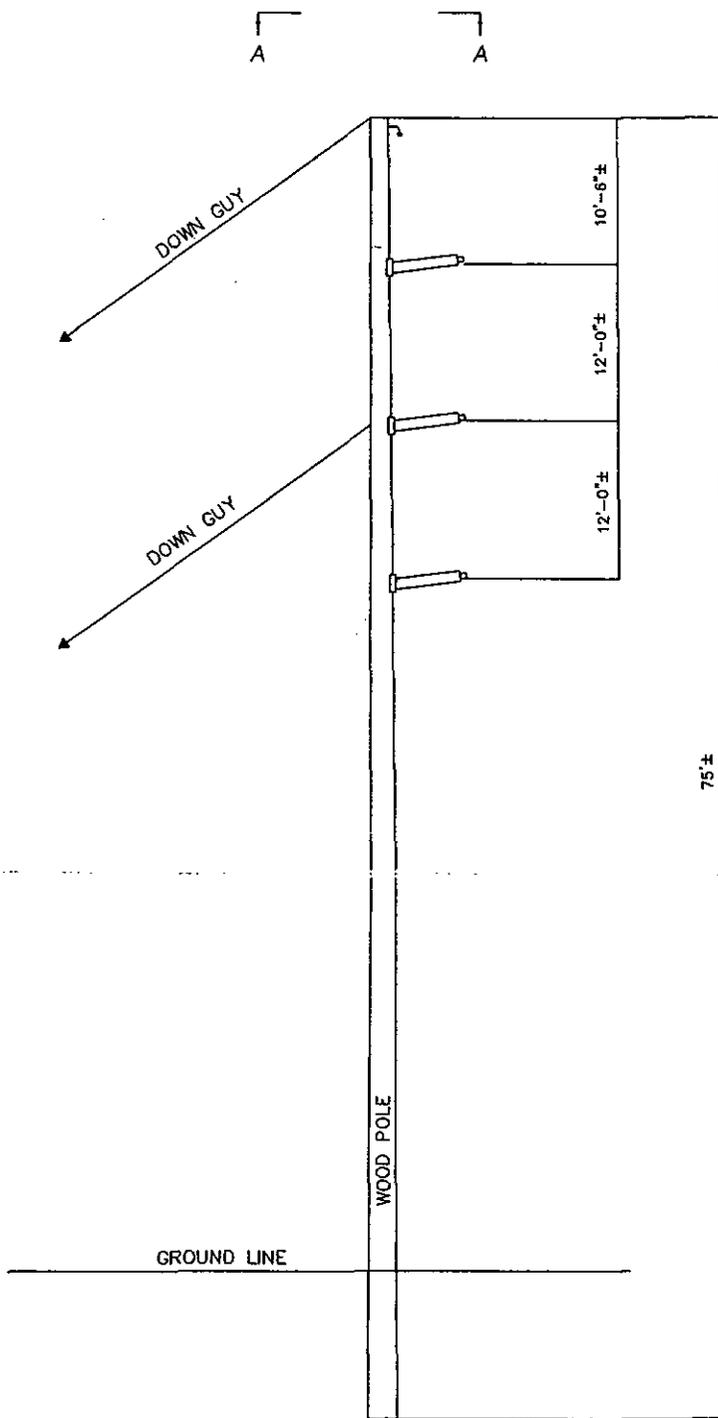
**Ohio Edison**<sup>®</sup>

A FirstEnergy Company

WADSWORTH MUNI SILVERCREST-WEST AKRON 138 kV TRANSMISSION  
LINE TEMPORARY BY-PASS AT PINE SUBSTATION PROJECT

STUB POLE

EXHIBIT 5



**ATSI**<sup>®</sup>

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

**Ohio Edison**<sup>®</sup>

A FirstEnergy Company

WADSWORTH MUNI SILVERCREST-WEST AKRON 138 KV TRANSMISSION  
LINE BY-PASS AT PINE SUBSTATION PROJECT

SINGLE CIRCUIT TANGENT STRUCTURE

EXHIBIT 6