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

CONSTRUCTION NOTICE

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

OPSB CASE NO.: 13-¹⁰¹⁸-EL-BNR

April 23, 2013

RECEIVED-DOCKETING DIV

2013 APR 24 PM 1:09

12:09 SW

PUCO

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

&

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

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Technician JM Date Processed APR 24 2013

CONSTRUCTION NOTICE
WADSWORTH MUNI SILVERCREST-WEST AKRON 138 kV TRANSMISSION
LINE TEMPORARY 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 Temporary 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 proposing to install a temporary tap from the existing Wadsworth Muni Silvercrest-West Akron 138 kV Transmission Line to a mobile distribution substation that will be located at the existing Pine Substation. This temporary tap will serve as a by-pass to the normal 138 kV feed to Pine Substation while the substation undergoes improvements. As a part of the project, three (3) new wood poles and one (1) new stub pole will be installed for the transmission line temporary by-pass. These temporary poles will all be located on OE property, and no new easements are needed for the Project. These facilities will be removed after improvements are completed at Pine Substation. ATSI owns the existing Wadsworth Muni Silvercrest-West Akron 138 kV Transmission Line and OE will own the temporary 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 proposed Project meets the requirements for a Construction Notice because the project is within the types of project defined by Item (1)(c) of the Interim Application Requirement Matrix for Electric Power Transmission Lines in Appendix A of 4906-1-01 of the Ohio Administrative Code, which requires the filing of a Construction Notice. 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 proposed Project extends the Wadsworth Muni Silvercrest-West Akron 138 kV Transmission Line approximately 450 feet (0.09 mile) to the existing Pine Substation.

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

The proposed Project is needed to de-energize a portion of Pine Substation. Pine Substation will undergo improvements to increase reliability to the planned System Control Center being built nearby. The temporary by-pass will feed a mobile substation to continue service to all customers fed from Pine Substation. The by-pass will be removed once the Pine Substation improvements are complete.

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

Construction on the Project, including the improvements to the existing Pine Substation, are expected to begin on approximately May 16, 2013 and are expected to be completed by December 31, 2013. The temporary by-pass project is expected to be placed in-service by August 31, 2013. The temporary by-pass is expected to be removed by January 31, 2014.

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

The following is the estimated capital cost for the Project:

Estimated Cost	\$ 40,000
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4906-11-02 (B) (6): Operating Characteristics

The existing Wadsworth Muni Silvercrest-West Akron line operates at 138 kV. The new transmission line tap will also be designed and constructed for 138 kV operation. The proposed temporary by-pass 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 Exhibit No. 4 – Single Circuit Light Angle Exhibit No. 5 – Stub Pole

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.

City of Akron

The Honorable Donald L. Plusquellic
Mayor, City of Akron
Suite 200 Municipal Building
166 South High Street
Akron, Ohio 44308

Mr. James Hewitt
Manager, Akron Engineering Bureau
166 South High Street
Akron, Ohio 44308.

Mr. Garry Moneypenny
President of Council,
City of Akron
537 Fulmer Ave.
Akron, Ohio 44312

Mr. Marco Sommerville
Director, Planning and Urban
Development
166 South High Street
Akron, Ohio 44308

Summit County

The Honorable Jerry Feeman
President, Summit County Council
175 S Main St, Suite 700
Akron, OH 44308

Summit County Planning Commission
c/o Mr. Allen Mavrides
175 S Main St.
Akron, OH 44308

Mr. Russell M. Pry
Summit County Executive
175 S Main St, Suite 200
Akron, OH 44308

Mr. Alan Brubaker, P.E., P.S.,
Summit County Engineer
538 E. South Street
Akron, OH 44311-1843

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

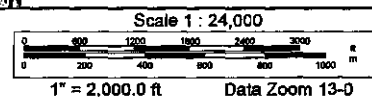


Orig Date: 1996
 Quad Series: 7.5'
 Paper Source: Topographic 1:24,000
 Quad Order ID: 41081-A5
 Coverage: Summit County, OH
 Vendor: USGS

Data use subject to license.

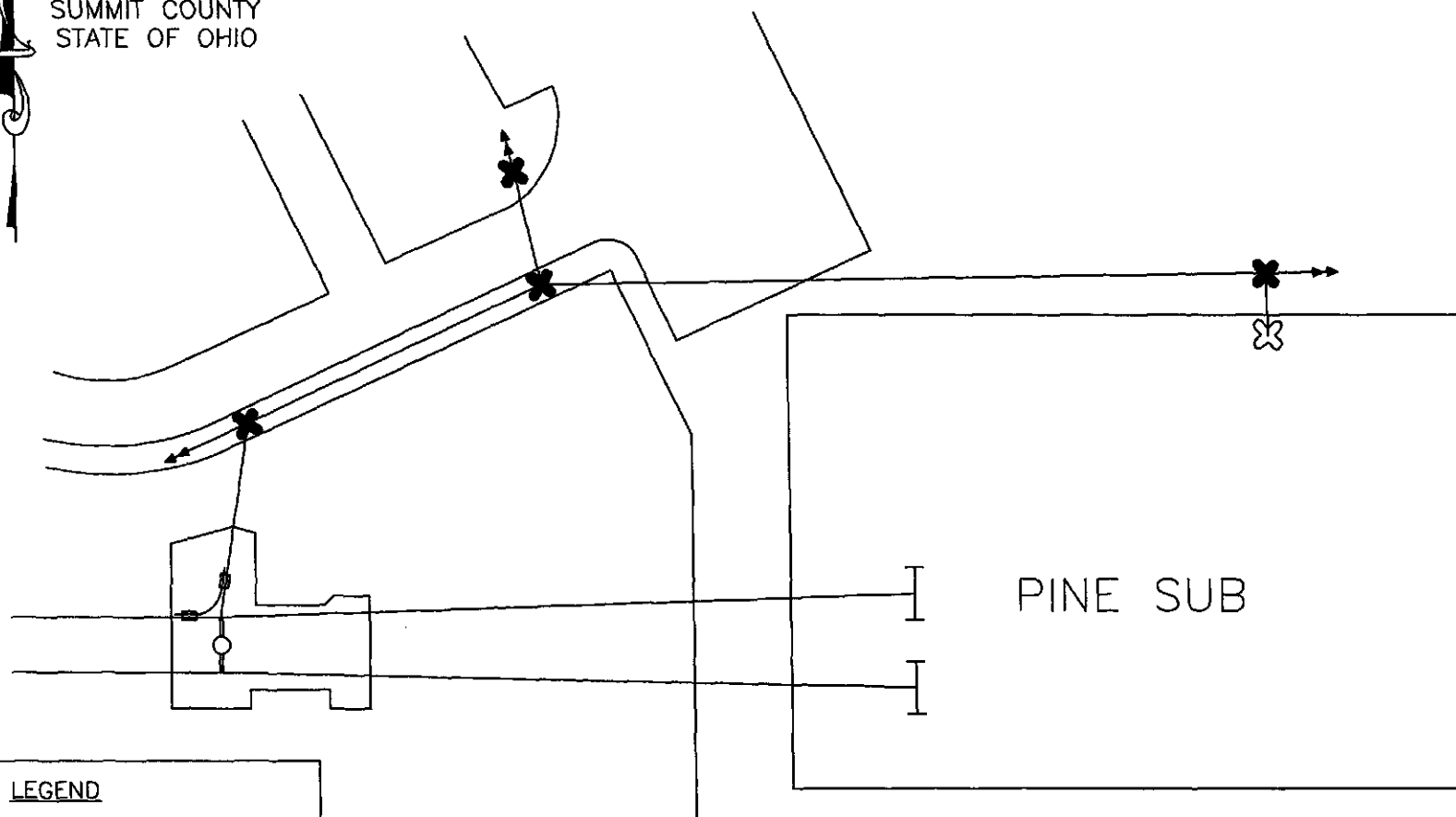
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







CITY OF AKRON
SUMMIT COUNTY
STATE OF OHIO



LEGEND

-  PROPOSED TRANSMISSION POLE
-  EXISTING STEEL POLE
-  EXISTING POLE TO REMAIN
-  PROPOSED GUYING
-  CENTERLINE TRANSMISSION LINE

ATSI

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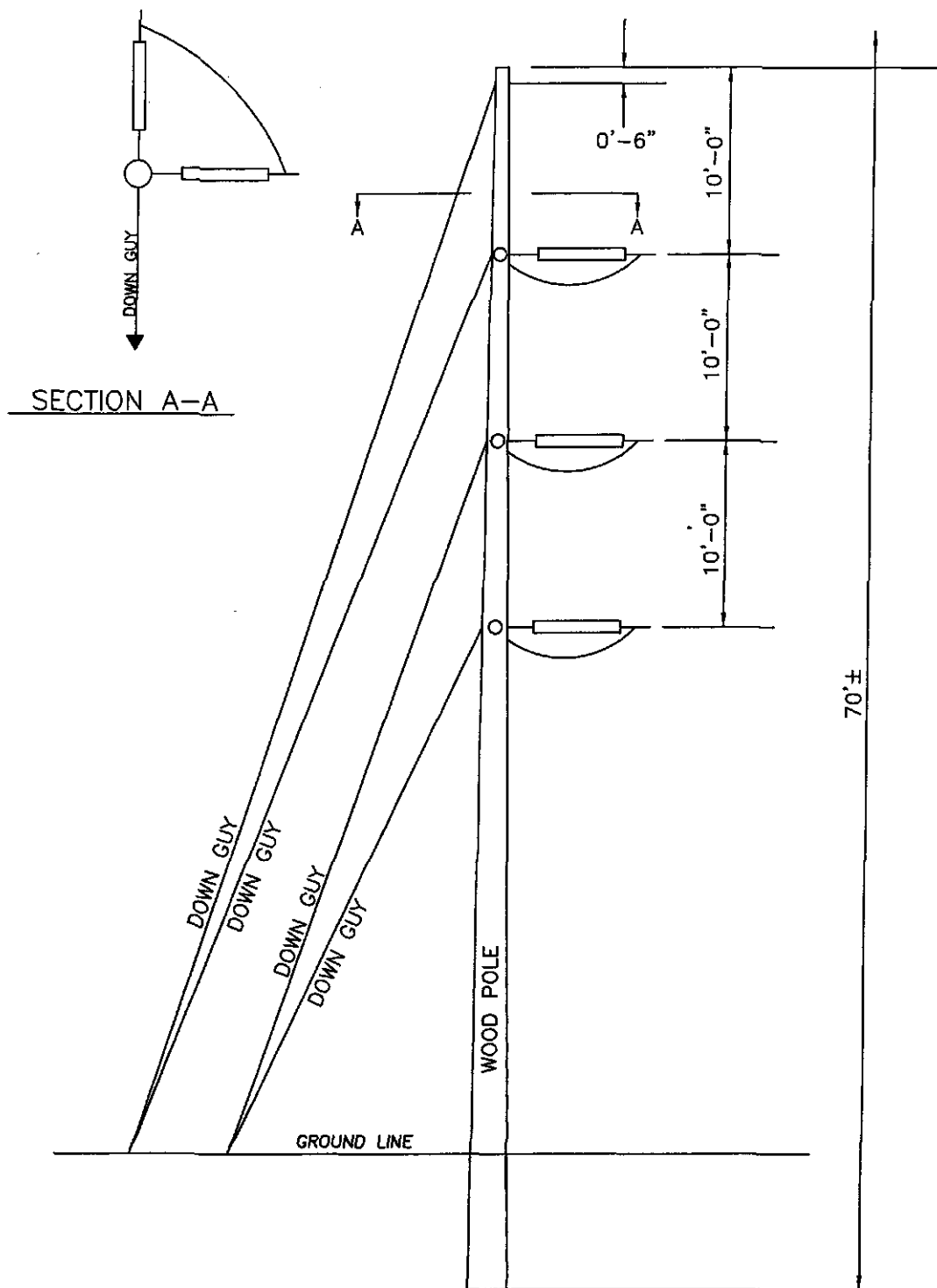
Ohio Edison

A FirstEnergy Company

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

PROJECT LAYOUT

EXHIBIT 2



ATSI.

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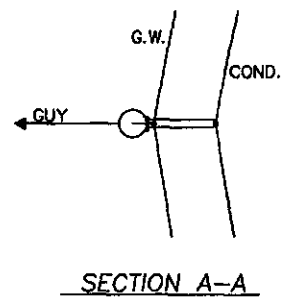
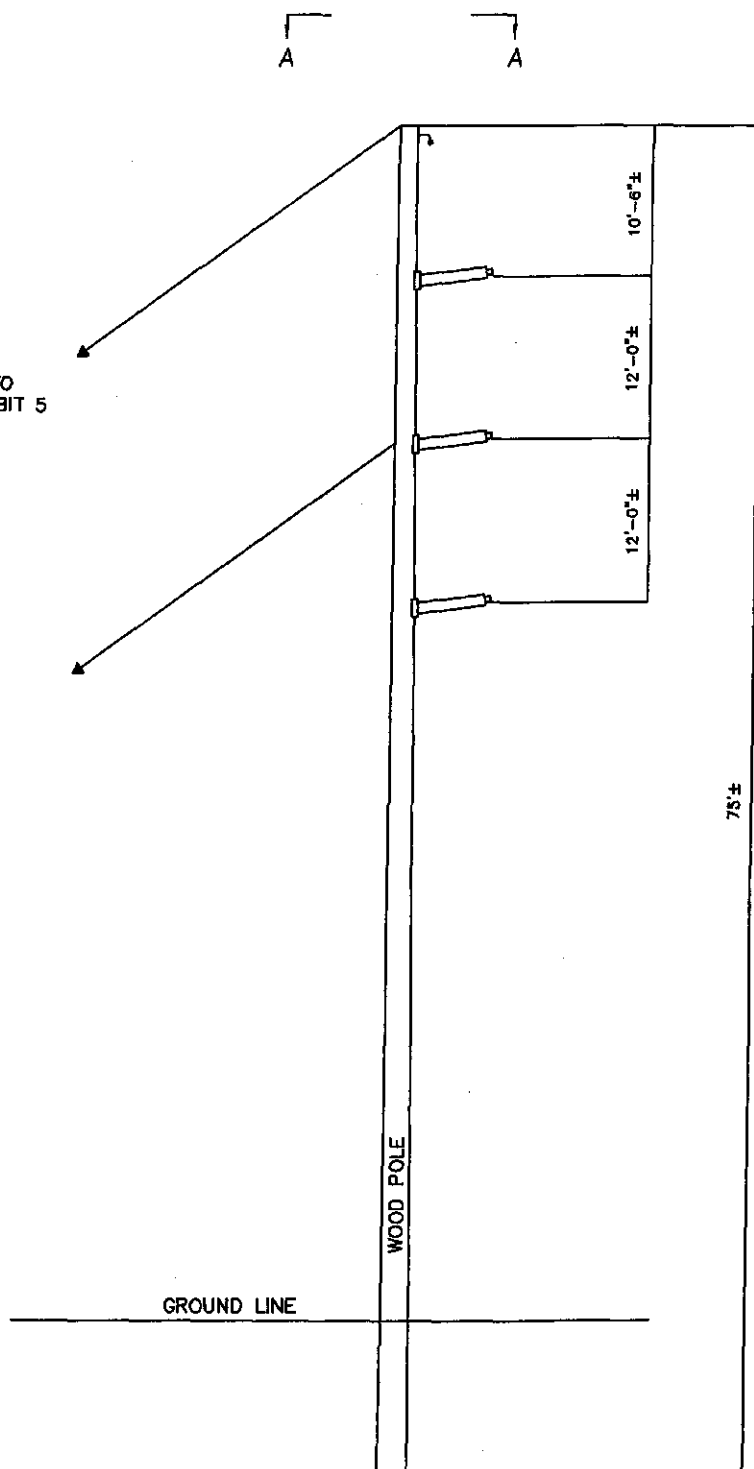
A FirstEnergy Company

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

SINGLE CIRCUIT CORNER DEAD END STRUCTURE

EXHIBIT 3

TO
EXHIBIT 5



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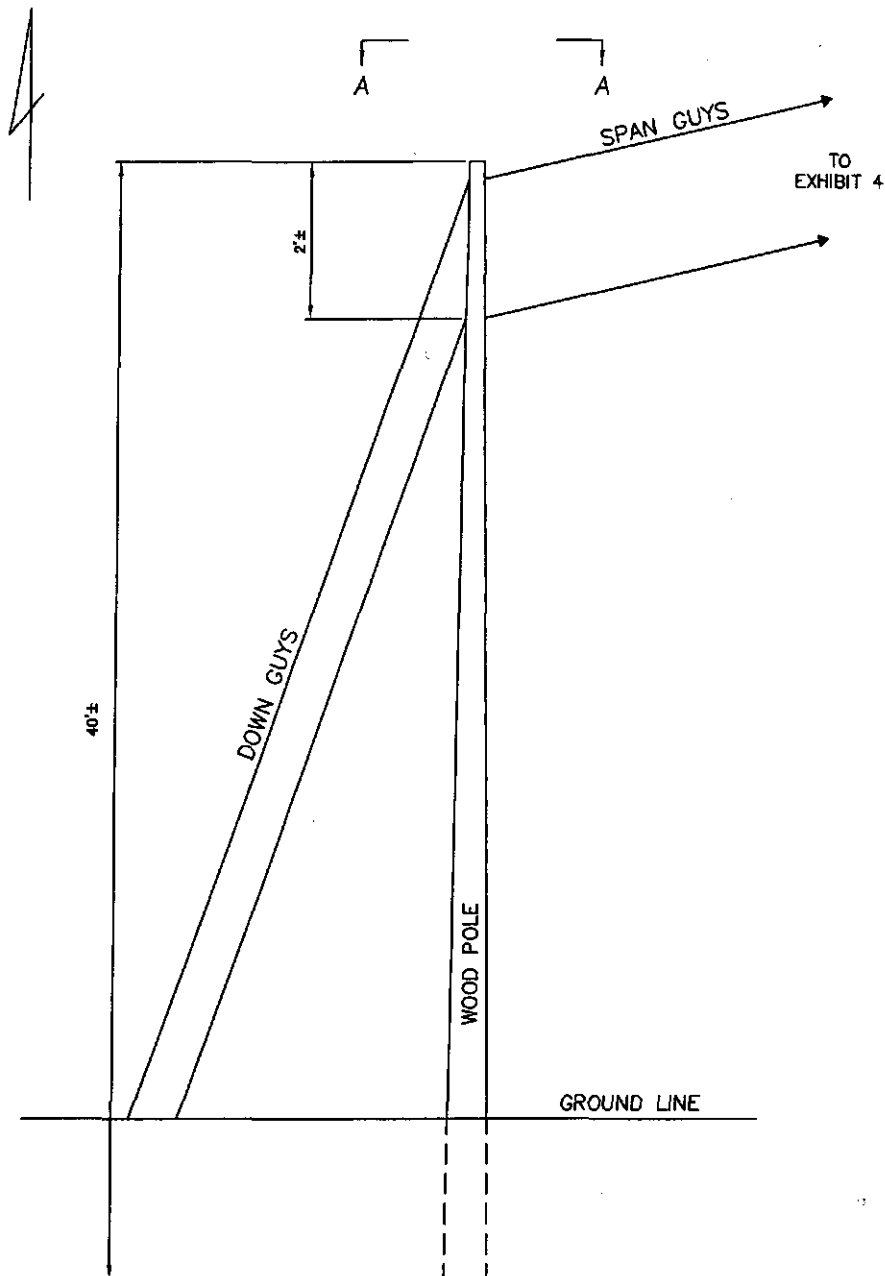
WADSWORTH MUNI SILVERCREST-WEST AKRON 138 kV TRANSMISSION
LINE TEMPORARY BY-PASS AT PINE SUBSTATION PROJECT

SINGLE CIRCUIT LIGHT ANGLE STRUCTURE

EXHIBIT 4

← DOWN GUYS ○ SPAN GUYS → SEE EX. 4

SECTION A-A



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STUB POLE

EXHIBIT 5