

September 29, 2010

Ms. Renee J. Jenkins
Director, Administration Department
Secretary to the Commission
Docketing Division
The Public Utilities Commission of Ohio
180 East Broad Street
Columbus, OH 43215-3793

Construction Notice
Pleasant Valley-West Akron West 138 kV Transmission Line Tap to
Cleveland Clinic Data Center Substation Project
Case No. 10-1452-EL-BNR

Dear Ms. Jenkins:

10-1452-EL-BNR

In accordance with Rule 4906-1-11 of the Ohio Administrative Code, American Transmission Systems, Incorporated ("ATSI") and The Cleveland Electric Illuminating Company ("CEI"), subsidiaries of FirstEnergy Corp., transmit one (1) original and eleven (11) copies of the enclosed Construction Notice for the above captioned project. In this project, ATSI and CEI are proposing to install a loop from the existing Pleasant Valley-West Akron West 138 kV Transmission Line to the Cleveland Clinic Data Center Substation. The new transmission line construction will extend approximately 530 feet from the existing Pleasant Valley-West Akron West 138 kV Transmission Line to the new Cleveland Clinic Data Center Substation. As a part of the project, three (3) new wood poles will be installed for the transmission line loop. The Project area is located southwest of the intersection of I-77 and Miller Road, in the City of Brecksville, 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

The Cleveland Electric Illuminating Company
76 South Main Street
Akron, Ohio 44308

b) Name of proposed facilities: Pleasant Valley-West Akron West 138 kV Transmission Line
Tap to Cleveland Clinic Data Center 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 On Date Processed 7/3-1406

Ms. Renee J. Jenkins/ Docketing

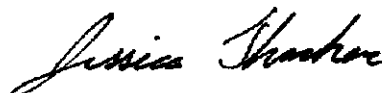
September 29, 2010

- c) Location of proposed facilities: The Project area is located southwest of the intersection of I-77 and Miller Road, in the City of Brecksville, Cuyahoga County, Ohio.
- d) Description of proposed facilities: The Project involves installing a loop from the existing Pleasant Valley-West Akron West 138 kV Transmission Line to the Cleveland Clinic Data Center Substation. The new transmission line construction will extend approximately 530 feet from the existing Pleasant Valley- West Akron West 138 kV Transmission Line to the new Cleveland Clinic Data Center Substation. As a part of the project, three (3) new wood poles will be installed for the transmission line loop.
- e) Applicant's representative: Jessica Thacker, Assistant Engineer
Energy Delivery Technical Services
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 Brecksville, Cuyahoga County.

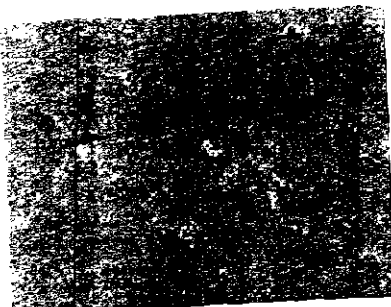
Should the Ohio Power Siting Board desire further information or discussion of this submittal, please contact me at (330) 384-5955.

Sincerely,



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

Attachments



**AMERICAN TRANSMISSION SYSTEMS, INCORPORATED
AND
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
SUBSIDIARIES OF FIRSTENERGY CORP.**

CONSTRUCTION NOTICE

**PLEASANT VALLEY-WEST AKRON WEST 138 kV
TRANSMISSION LINE
LOOP TO CLEVELAND CLINIC DATA CENTER**

OPSB CASE NO.: 10-¹⁵²EL-BNR

September 29, 2010

**American Transmission Systems, Incorporated
76 South Main Street
Akron, Ohio 44308
and
The Cleveland Electric Illuminating Company
76 South Main Street
Akron, Ohio 44308**

CONSTRUCTION NOTICE
PLEASANT VALLEY-WEST AKRON WEST 138 kV TRANSMISSION LINE
LOOP TO CLEVELAND CLINIC DATA CENTER

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) a : Name and Reference Number

Name of Project: Pleasant Valley-West Akron West 138 kV Transmission Line
Loop to Cleveland Clinic Data Center Substation Project
("Project").

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

In this Project, American Transmission Systems, Incorporated ("ATSI") and The Cleveland Electric Illuminating Company ("CEI"), subsidiaries of FirstEnergy Corp., are proposing to extend a transmission line loop from the existing Pleasant Valley-West Akron West 138 kV Transmission Line to the Cleveland Clinic Data Center Substation.

The new transmission line construction will extend from the existing Pleasant Valley-West Akron West 138 kV Transmission Line to the new Cleveland Clinic Data Center Substation. As a part of the project, three (3) new wood poles will be installed for the transmission line loop.

ATSI owns the existing Pleasant Valley-West Akron West 138 kV Transmission Line and will own the transmission line tap, structures, associated hardware and the ring bus within the substation. CEI will own the taps off of the ring bus in the new substation.

The Project area is located southwest of the intersection of I-77 and Miller Road, in the City of Brecksville, Cuyahoga County, Ohio. The general location of the Project is

shown in Exhibit 1, which is a partial copy of the United States Geologic Survey, Cuyahoga, Medina and Summit Counties Ohio Quad Map, ID number 41081-C6. 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)(d) of the 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 items states:

- (1) Rerouting or extension or new construction of single or multiple circuit electric power transmisson line(s) as follows:*
 - (d) 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 Pleasant Valley-West Akron West 138 kV Transmission Line approximately 530 feet (0.1 mile) to the Cleveland Clinic Data Center.

4906-11-01 (B) (3): Need for the Project

The proposed Project is needed to supply the Cleveland Clinic Data Center Substation to be built in Brecksville, Ohio that will supply a new data center being constructed by the Cleveland Clinic. The customer has requested to be fed from a 138 kV feed.

4906-11-01 (B) (5): Construction Schedule

Construction on the Project is expected to begin on approximately April 1, 2011 and is expected to be completed by May 31, 2011. The project is expected to be placed in-service by June 30, 2011.

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

The following is the estimated capital cost for the Project:

Estimated Cost	\$ 79,000
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4906-11-02 (B) (6): Operating Characteristics

The existing Pleasant Valley-West Akron West line operates at 138 kV. The new transmission line loop will also be designed and constructed for 138 kV operation. The proposed loop will not change the operating characteristics of this transmission line.

The transmission line loop has the following characteristics:

Voltage:	138 kV
Conductor:	336.4 kcmil 26/7 ACSR
Ground Wire:	7#8 Alumoweld
Insulators:	Polymer Horizontal Post
Structure types:	Exhibit No. 3 – Single Circuit Corner Dead End

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 112 miles. Take exit 220 to merge onto I-271 N toward Erie, Pennsylvania for approximately 9.9 miles. Take exit 10 onto I-77 N towards Cleveland for approximately 2.4 miles. Take exit 145 onto OH-21 N / Brecksville Road and continue for approximately 2.4 miles. Turn left onto Miller Road and follow for approximately 1 mile. Turn Left onto Katherine Blvd. for approximately 0.3 miles and the site will be on the right.

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

Property along the Project route is currently owned by CEI and the customer, Cleveland Clinic. Prior to beginning construction on the Project, easements for the transmission line right-of-way will be obtained from the customer.

4906-11-02 (C) a : Documentation of Constructon Notice Transmittal

This Construction Notice is being provided concurrently to the following officials of the City of Brecksville, Cuyahoga County, Ohio.

City of Brecksville

The Honorable Jerry N. Hruby
Mayor, City of Brecksville
9069 Brecksville Rd.
Brecksville, Ohio 44141

Ms. Victoria D. McCauley, P.E.
City Engineer, City of Brecksville
9069 Brecksville Rd.
Brecksville, Ohio 44141

Mr. Larry J. Polta
President of Council,
City of Brecksville
9069 Brecksville Rd.
Brecksville, Ohio 44141

Mr. Dominic Sciria
Chairman, Brecksville Planning
Commission
9069 Brecksville Rd.
Brecksville, Ohio 44141

Cuyahoga County

The Honorable Peter Lawson Jones
President, Cuyahoga County Commissioner
1219 Ontario Street, 4th Floor
Cleveland, Ohio 44113

Mr. Paul A. Alsenas
Director, Cuyahoga County Planning
Commission
323 Lakeside Avenue West, Suite 400
Cleveland, Ohio 44113

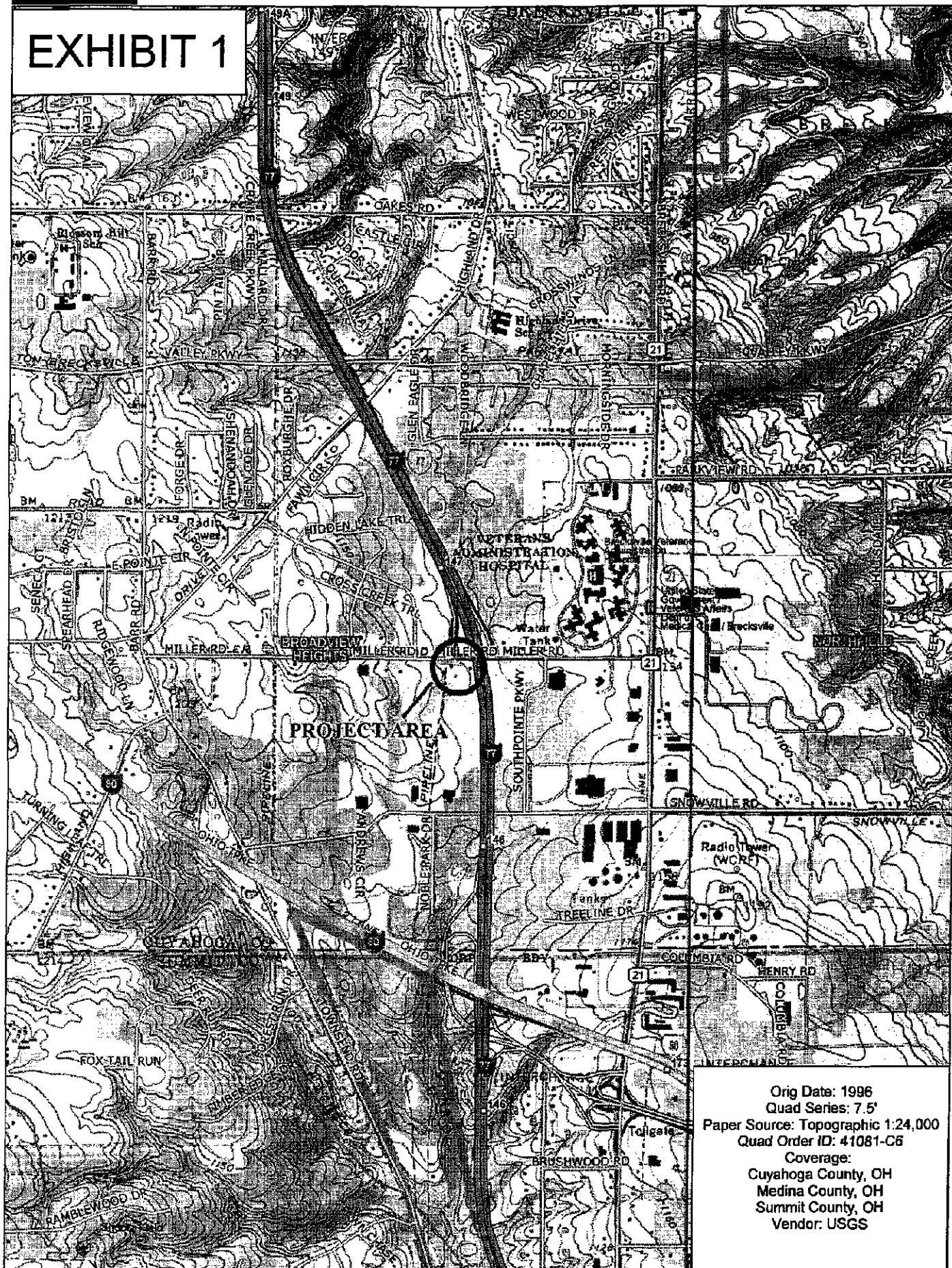
The Honorable Timothy F. Hagan
Cuyahoga County Commissioner
1219 Ontario Street, 4th Floor
Cleveland, Ohio 44113

Mr. Robert C. Klaiber, Jr., P.E., P.S.,
Cuyahoga County Engineer
2100 Superior Viaduct
Cleveland, Ohio 44113

The Honorable Jimmy Dimora
Cuyahoga County Commissioner
Chair
1219 Ontario Street, 4th Floor
Cleveland, Ohio 44113

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

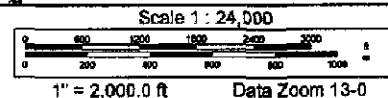
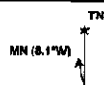


Orig Date: 1996
 Quad Series: 7.5'
 Paper Source: Topographic 1:24,000
 Quad Order ID: 41081-C6
 Coverage:
 Cuyahoga County, OH
 Medina County, OH
 Summit County, OH
 Vendor: USGS

Data use subject to license.

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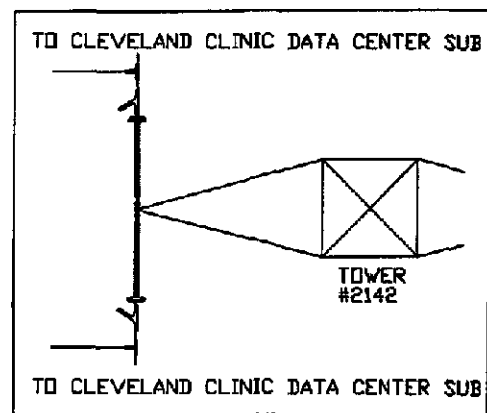
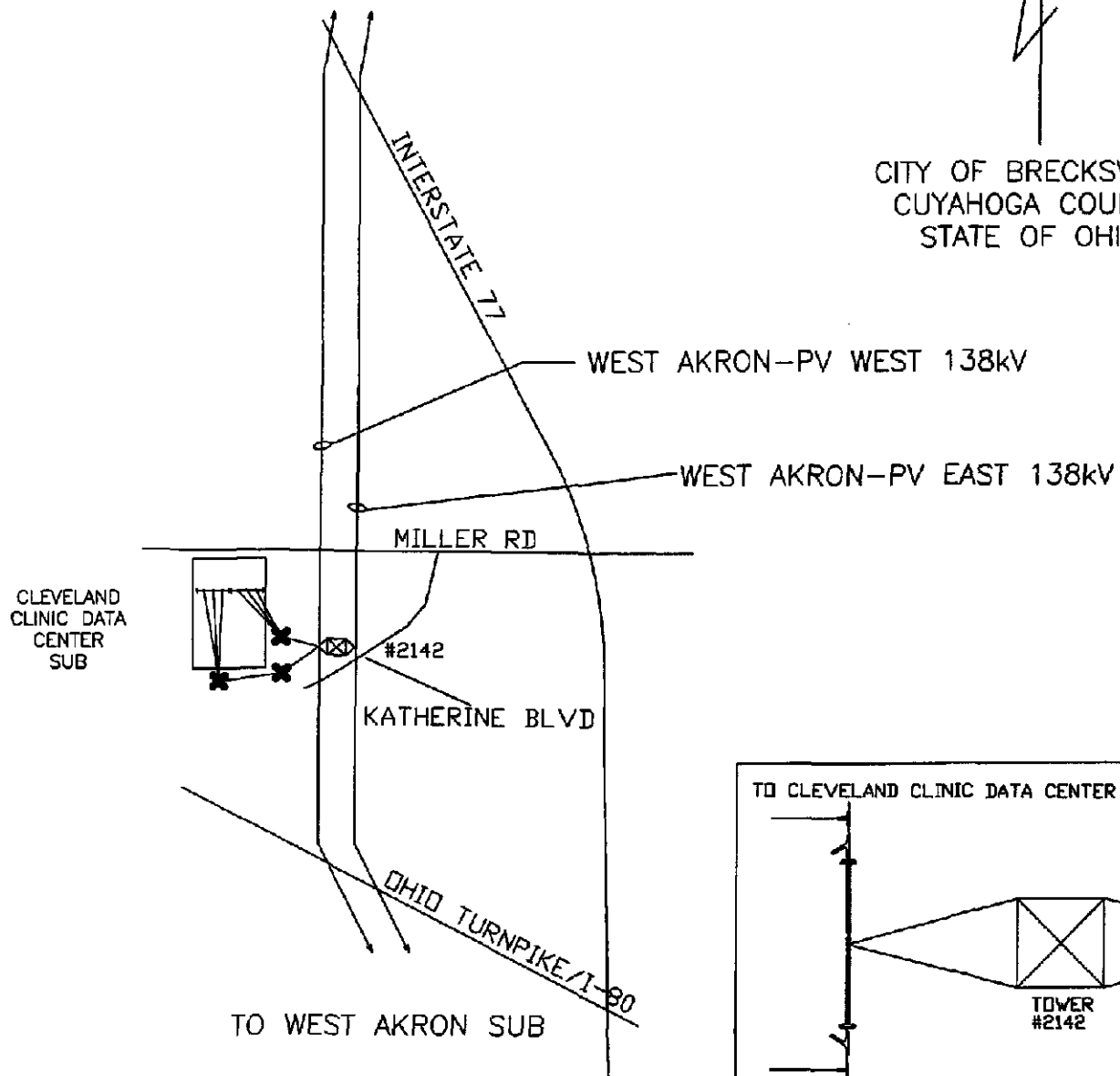
www.delorme.com



TO PLEASANT VALLEY SUB



CITY OF BRECKSVILLE
CUYAHOGA COUNTY
STATE OF OHIO



TOWER DEADEND DETAIL

ATSI.

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

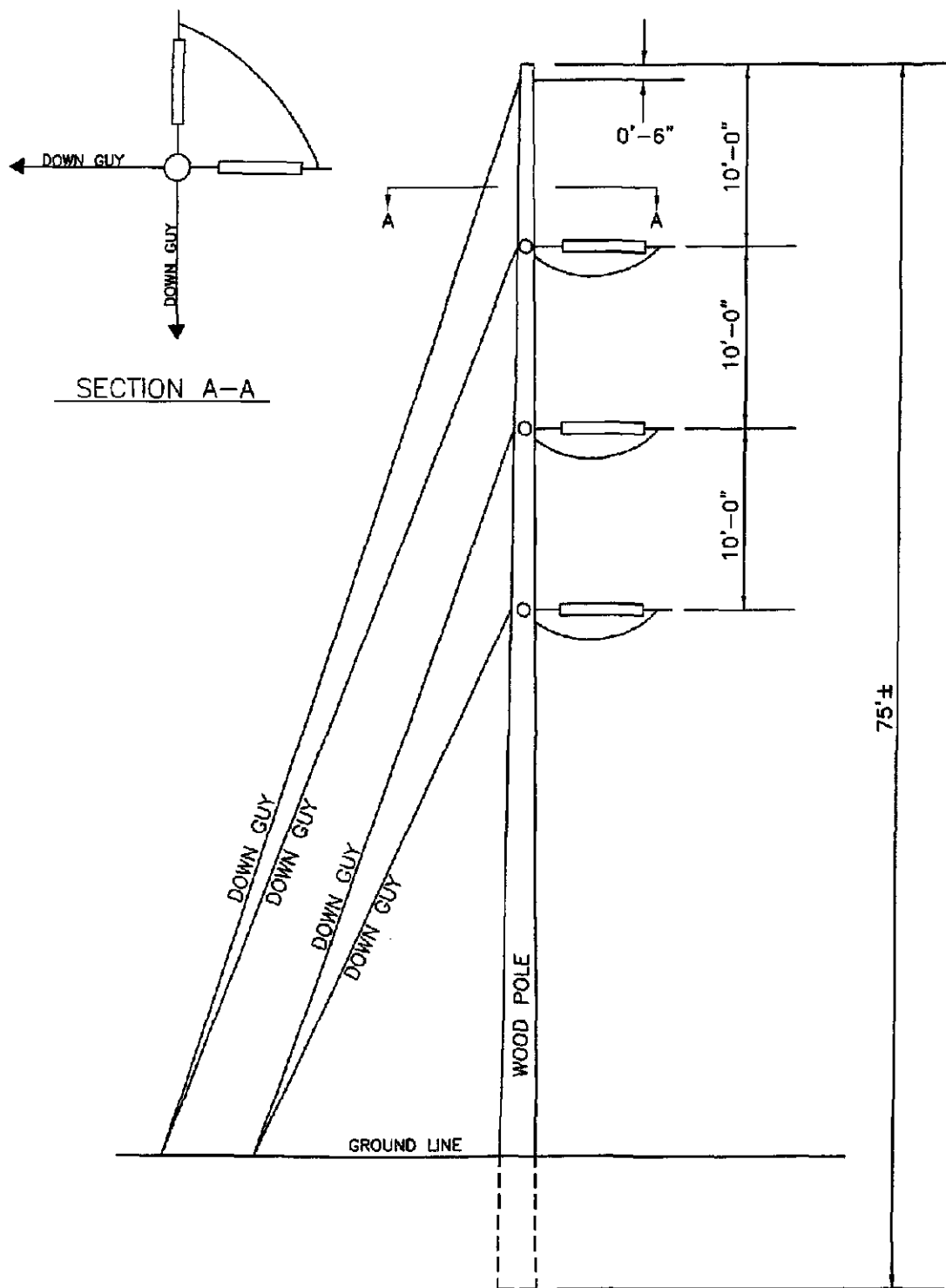
**the
Illuminating
Company**

A FirstEnergy Company

PLEASANT VALLEY-WEST AKRON WEST 138 KV TRANSMISSION
LINE LOOP TO CLEVELAND CLINIC DATA CENTER

GENERAL LAYOUT

EXHIBIT 2



ATSI.

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

The Illuminating Company
A FirstEnergy Company

PLEASANT VALLEY-WEST AKRON WEST 138 KV TRANSMISSION
LINE LOOP TO CLEVELAND CLINIC DATA CENTER
SINGLE CIRCUIT CORNER DEAD END

EXHIBIT 3



Ohio Department of Natural Resources

TED STRICKLAND, GOVERNOR

SEAN D. LOGAN, DIRECTOR

Division of Natural Areas and Preserves

Anthony J. Celebrezze, III, Acting Chief

2045 Morse Rd., Bldg. F-1

Columbus, OH 43229-6693

Phone: (614) 265-6453; Fax: (614) 267-3096

May 18, 2010

Scott Humphrys
FirstEnergy Service Co.
76 S. Main St.
Akron, OH 44308

Dear Mr. Humphrys:

After reviewing our Natural Heritage maps and files, I find the Division of Natural Areas and Preserves has no records of rare or endangered species in the Pleasant Valley-West Akron 138 kV Loop to Cleveland Clinic Data Center project area at Miller Rd. and I-77 in Brecksville, Cuyahoga County, and on the Broadview Heights Quad.

There are no dedicated state nature preserves or scenic rivers at the project site. We are also unaware of any unique ecological sites, geologic features, animal assemblages, state parks, state forests or state wildlife areas within the project area.

Our inventory program has not completely surveyed Ohio and relies on information supplied by many individuals and organizations. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that area. Although we inventory all types of plant communities, we only maintain records on the highest quality areas.

Please contact me at 614-265-6818 if I can be of further assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Debbie Woischke".

Debbie Woischke, Ecological Analyst
Natural Heritage Program

