

June 25, 2010

- d) Description of proposed facilities: The Project involves rebuilding and extending approximately 985 (0.18 miles) feet of the Allen Junction-Stryker 138 kV Transmission Line as a loop into the new East Fayette Substation.
- e) Applicant's representative: Scott M. Humphrys, Associate Distribution 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 Letter of Notification for our records to us in the enclosed envelope. We have provided a copy of the Letter of Notification 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 Township of Gorham and Fulton County are enclosed for your file.

Should the Ohio Power Siting Board desire further information or discussion of this submittal, please contact me at (330) 384-2526.

Sincerely,



Scott M. Humphrys
Associate Distribution Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachments

**EXHIBIT 1: OFFICIALS SERVED COPY OF LON
Allen Junction-Stryker 138 kV Transmission Line
Loop To East Fayette Substation Project
Case No. 10- -EL-BLN**

Fulton County

The Honorable Dean A. Genter
Fulton County Commissioner
152 South Fulton Street, Ste 270
Wauseon, Ohio 43567

The Honorable Joseph D. Short
Fulton County Commissioner
152 South Fulton Street, Ste 270
Wauseon, Ohio 43567

The Honorable Paul D. Barnaby
Fulton County Commissioner
152 South Fulton Street, Ste 270
Wauseon, Ohio 43567

Mr. Frank T. Onweller, P.E., P.S.
Fulton County Engineer
9120 County Road 14
Wauseon, Ohio 43567

Township of Gorham

Mr. Randy D. Merillat
Gorham Township Trustee
116 E. Main Street
Fayette, Ohio 43521

Mr. William G. McKinney
Gorham Township Trustee
116 E. Main Street
Fayette, Ohio 43521

Mr. Trevor A. Hibbard
Gorham Township Trustee
116 E. Main Street
Fayette, Ohio 43521

Mr. Michael E. Figgins
Gorham Township Fiscal Officer
116 E. Main Street
Fayette, Ohio 43521

June 25, 2010

The Honorable Dean A. Genter
Fulton County Commissioner
152 South Fulton Street, Ste 270
Wauseon, Ohio 43567

Letter of Notification
Allen Junction-Stryker 138 kV Transmission Line
Loop to East Fayette Project
Case No. 10- EL-BLN

Dear Mr. Genter,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to rebuild and extend approximately 985 feet (0.18 miles) of the Allen Junction-Stryker 138 kV Transmission Line as a loop into the new East Fayette Substation. The Project is located southeast of the intersection of U.S. 20 and County Road 23 in the Township of Gorham, Fulton 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 Letter of Notification ("LON"). Therefore, in compliance with OAC 4906-11-01 of the OPSB's Rules and Regulations, we have prepared and filed the attached LON with the OPSB for their review and approval. The LON 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) 384-2526.

Sincerely,



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

Attachment

June 25, 2010

The Honorable Paul D. Barnaby
Fulton County Commissioner
152 South Fulton Street, Ste 270
Wauseon, Ohio 43567

Letter of Notification
Allen Junction-Stryker 138 kV Transmission Line
Loop to East Fayette Project
Case No. 10- -EL-BLN

Dear Mr. Barnaby,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., ATSI is proposing to construct six (6) new wood pole structures and loop one (1) 138 kV circuit, the Allen Junction-Stryker 138 kV Transmission Line, into the new East Fayette Substation. The Project is located southeast of the intersection of U.S. 20 and County Road 23 in the Township of Gorham, Fulton County Ohio.

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Sincerely,



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

Attachment

June 25, 2010

The Honorable Joseph D. Short
Fulton County Commissioner
152 South Fulton Street, Ste 270
Wauseon, Ohio 43567

Letter of Notification
Allen Junction-Stryker 138 kV Transmission Line
Loop to East Fayette Project
Case No. 10- EL-BLN

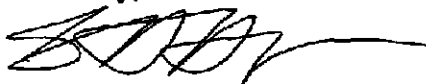
Dear Mr. Short,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., ATSI is proposing to construct six (6) new wood pole structures and loop one (1) 138 kV circuit, the Allen Junction-Stryker 138 kV Transmission Line, into the new East Fayette Substation. The Project is located southeast of the intersection of U.S. 20 and County Road 23 in the Township of Gorham, Fulton County Ohio.

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Sincerely,



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

Attachment

June 25, 2010

Mr. Frank T. Onweller, P.E., P.S.
Fulton County Engineer
9120 County Road 14
Wauseon, Ohio 43567

Letter of Notification
Allen Junction-Stryker 138 kV Transmission Line
Loop to East Fayette Project
Case No. 10- EL-BLN

Dear Mr. Onweller,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., ATSI is proposing to construct six (6) new wood pole structures and loop one (1) 138 kV circuit, the Allen Junction-Stryker 138 kV Transmission Line, into the new East Fayette Substation. The Project is located southeast of the intersection of U.S. 20 and County Road 23 in the Township of Gorham, Fulton County Ohio.

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

Attachment

June 25, 2010

Mr. Randy D. Merillat
Gorham Township Trustee
116 E. Main Street
Fayette, Ohio 43521

Letter of Notification
Allen Junction-Stryker 138 kV Transmission Line
Loop to East Fayette Project
Case No. 10- -EL-BLN

Dear Mr. Merillat,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., ATSI is proposing to construct six (6) new wood pole structures and loop one (1) 138 kV circuit, the Allen Junction-Stryker 138 kV Transmission Line, into the new East Fayette Substation. The Project is located southeast of the intersection of U.S. 20 and County Road 23 in the Township of Gorham, Fulton County Ohio.

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,



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

Attachment

June 25, 2010

Mr. Trevor A. Hibbard
Gorham Township Trustee
116 E. Main Street
Fayette, Ohio 43521

Letter of Notification
Allen Junction-Stryker 138 kV Transmission Line
Loop to East Fayette Project
Case No. 10- -EL-BLN

Dear Mr. Hibbard,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., ATSI is proposing to construct six (6) new wood pole structures and loop one (1) 138 kV circuit, the Allen Junction-Stryker 138 kV Transmission Line, into the new East Fayette Substation. The Project is located southeast of the intersection of U.S. 20 and County Road 23 in the Township of Gorham, Fulton 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 Letter of Notification ("LON"). Therefore, in compliance with OAC 4906-11-01 of the OPSB's Rules and Regulations, we have prepared and filed the attached LON with the OPSB for their review and approval. The LON contains a description of the project, and is provided for your information.

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Sincerely,



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

Attachment

June 25, 2010

Mr. William G. McKinney
Gorham Township Trustee
116 E. Main Street
Fayette, Ohio 43521

Letter of Notification
Allen Junction-Stryker 138 kV Transmission Line
Loop to East Fayette Project
Case No. 10- -EL-BLN

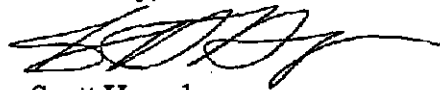
Dear Mr. McKinney,

In the above-captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., ATSI is proposing to construct six (6) new wood pole structures and loop one (1) 138 kV circuit, the Allen Junction-Stryker 138 kV Transmission Line, into the new East Fayette Substation. The Project is located southeast of the intersection of U.S. 20 and County Road 23 in the Township of Gorham, Fulton 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 Letter of Notification ("LON"). Therefore, in compliance with OAC 4906-11-01 of the OPSB's Rules and Regulations, we have prepared and filed the attached LON with the OPSB for their review and approval. The LON 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) 384-2526.

Sincerely,



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

Attachment

June 25, 2010

Mr. Michael E. Figgins
Gorham Township Fiscal Officer
116 E. Main Street
Fayette, Ohio 43521

Letter of Notification
Allen Junction-Stryker 138 kV Transmission Line
Loop to East Fayette Project
Case No. 10- EL-BLN

Dear Mr. Figgins,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., ATSI is proposing to construct six (6) new wood pole structures and loop one (1) 138 kV circuit, the Allen Junction-Stryker 138 kV Transmission Line, into the new East Fayette Substation. The Project is located southeast of the intersection of U.S. 20 and County Road 23 in the Township of Gorham, Fulton 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 Letter of Notification ("LON"). Therefore, in compliance with OAC 4906-11-01 of the OPSB's Rules and Regulations, we have prepared and filed the attached LON with the OPSB for their review and approval. The LON contains a description of the project, and is provided for your information.

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Sincerely,



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

Attachment

**AMERICAN TRANSMISSION SYSTEMS, INCORPORATED
A SUBSIDIARY OF FIRSTENERGY CORP.**

LETTER OF NOTIFICATION

**ALLEN JUNCTION-STRYKER
138 kV TRANSMISSION LINE
LOOP TO EAST FAYETTE SUBSTATION**

OPSB CASE NO.: 10- 0904 -EL-BLN

June 25, 2010

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

**LETTER OF NOTIFICATION
ALLEN JUNCTION-STRYKER
138 kV TRANSMISSION LINE
LOOP TO EAST FAYETTE SUBSTATION**

The following information is being provided in accordance with the procedures delineated in Ohio Administrative Code Section 4906-11-01: Letter of Notification Requirements of the Rules and Regulations of the Ohio Power Siting Board.

4906-11-01 (B): General Information

4906-11-01 (B) (1): (a) Name and Reference Number

Name of Project: Allen Junction-Stryker 138 kV Transmission Line Loop to East Fayette Substation Project ("Project")

2010 LTFR Reference: This Project is identified on page 153 of FirstEnergy Corp.'s 2010 Electric Long-Term Forecast Report ("LTFR") submitted to the Public Utility Commission of Ohio in Case Number 10-0504-EL-FOR.

4906-11-01 (B) (1): (b) Brief Description of Project

In the Allen Junction-Stryker 138 kV Transmission Line Loop to East Fayette Substation Project, American Transmission Systems, Incorporated ("ATSI") a subsidiary of FirstEnergy Corp., is proposing to extend the existing Allen Junction-Stryker 138 kV Transmission Line as a loop through the new East Fayette Substation. The Project is located southeast of the intersection of U.S. 20 and County Road 23 in the Township of Gorham, Fulton County Ohio.

The general location of the Project is shown in Exhibit 1, which is a partial copy of the United States Geologic Survey, Fulton County Ohio, Lenawee and Hillsdale Counties Michigan Quad Map, ID number 41084-F3. Exhibit 2 shows the general layout of the proposed Project. The proposed Project is located south and east of the

intersection of U.S. 20 and County Road 23 in Gorham Township, Fulton County, Ohio.

As shown in Exhibit 2, the existing Fayette Substation is located immediately south east of the intersection of U.S. Route 20 and County Road 23. In the Project area, the existing Allen Junction-Stryker 138 kV Transmission Line is located along the south side of U.S. 20 and the eastern side of County Road 23, and passes through the existing Fayette Substation. The new East Fayette Substation is located approximately 650 feet south and 300 feet east of the intersection of U.S. Route 20 and County Road 23. The existing Allen Junction-Stryker 138 kV Transmission Line will be extended as a loop into the new East Fayette Substation, and the section of the existing transmission between the existing Fayette Substation and the loop to the new East Fayette Substation will be reconstructed to also support a 69 kV circuit.

Six (6) new 138 kV transmission wood poles will be installed in the Project. Starting along County Road 23 at the southwest corner of the Fayette Substation, an existing pole will be replaced by one (1) new corner dead-end pole with three (3) down guys and three (3) span guys to a stub pole will be installed, as shown in Exhibit 3. The stub pole is shown in Exhibit 7. Approximately 230 feet south along County Road 23 of the corner dead-end pole, an existing pole will be replaced by one (1) 138 kV tangent pole, installed as shown in Exhibit 4. Approximately 240 feet south of the 138 kV tangent pole, one (1) corner dead-end pole will be installed, as shown in Exhibit 5, allowing the Allen Junction-Stryker 138 kV Transmission Line to turn towards the East Fayette Substation. Approximately 50 feet to the east of the previous corner dead-end, one (1) tangent dead-end pole, shown in Exhibit 6, will be installed. From this tangent dead-end pole, the Allen Junction-Stryker 138 kV Transmission Line will extend approximately 235 feet to the East Fayette Substation take-off structure. This section of transmission line will become the Allen Junction-East Fayette 138 kV Transmission Line. Approximately 40 feet to the south, the transmission line loop connects to the substation take-off structure and

extend westerly from the East Fayette Substation approximately 235 feet to a single tangent dead-end pole, as shown in Exhibit 6. The transmission line continues approximately 50 feet to the west to one (1) corner dead-end pole, shown in Exhibit 5, turns to the south and connects to the existing section of transmission line along County Road 23. The line that exits the East Fayette Substation and heads south towards the Stryker Substation will become the East Fayette-Stryker 138 kV Transmission Line. ATSI owns the existing transmission line and will own the looped transmission line, associated structures and the new East Fayette Substation.

4906-11-01 (B) (1): (c) Why the Project Meets the Requirements for a Letter of Notification

The Project meets the requirements for a Letter of Notification because the Project is within the types of project defined by Items (1) (d) and (4) (a) of the Application Requirement Matrix for Electric Power Transmission Lines 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:

(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.

(4) Replacing electric power transmission line structure(s) with a different type of structure(s) or adding structure(s) within an existing electric power transmission line and::

(a) Two miles or less of new right-of-way required.

The proposed Project involves rebuilding and extending approximately 985 feet (0.18 miles) of 138 kV transmission line as a loop into the new East Fayette Substation.

4906-11-01 (B) (2): Need for the Project

The proposed Project conforms with the Settlement Agreement resulting from the merger of FirstEnergy and Centerior Energy, as approved by the Federal Energy Regulatory Commission on October 29, 1997 in Docket No. EC97-5.

4906-11-01 (B) (3): Location Relative to Existing or Proposed Lines

The location of the Project relative to existing or proposed transmission lines is shown in the FirstEnergy System Facilities map, included as the last page of Chapter 3 of the confidential portion of the FirstEnergy Corp. 2010 Long-Term Forecast Report submitted to the PUCO in case no. 10-504-EL-FOR under rules 4901:5-5:04 (C) of the Ohio Administrative Code. This map shows ATSI's 345 kV and 138 kV transmission lines and transmission substations, including the location of the Allen Junction-Stryker 138 kV Transmission Line. The project area is located approximately 2 ¾ inches (11 by 17 inch printed version) from the left edge of the map box and 7 ½ inches (11 by 17 inch printed version) from the bottom of the map box. The general location of the Project is shown on Exhibit No. 1. The general layout of the Project is shown in Exhibit No. 2.

4906-11-01 (B) (4): Alternatives Considered

Alternatives considered were to use the existing distribution system and the existing 69 kV system, but neither were sufficient to handle the required load and meet voltage requirements.

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

Construction on the Project is expected to begin on approximately October 1, 2010 and is expected to be completed and placed in-service by October 31, 2010.

4906-11-01 (B) (6): 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 10.1 miles. Take exit 119 for I-270 E toward Wheeling, keeping left at the fork and follow signs for I-270 W/Dayton/US-23 and merger onto I-270 W. Take exit 23 for US-23 toward Delaware, and then merge onto US-23 and continue for approximately 66.5 miles. Continue onto OH-15 W for approximately 17 miles. Take the I-75 N/OH-15 N ramp to Toledo. Merge onto I-75 N/OH-15 W and proceed approximately 38.5 miles. Take the exit onto I-80 W/I-90 W and go

30.2 miles. Take exit 34 for OH-108 N/US-20 W and proceed approximately 8.7 miles. Turn left at County Road 23 and the Project location will be on the east side of the road south of the existing Fayette Substation.

4906-11-01 (B) (7): Property Owner List

The majority of the Project will be located on existing right of way and property owned by Toledo Edison Company, a FirstEnergy Corp. subsidiary. One stub pole is located on the west side of County Road 23 in the road right-of-way.

4906-11-01 (C): Technical Features of the Project

4906-11-01 (C) (1): Operating Characteristics

The new transmission line loop will be designed and constructed for 138 kV operations. The transmission line loop will have the following characteristics:

Voltage:	138 kV
Conductor:	605 kcmil 24/7 ACSR
Static Wire:	7#8 Alumoweld
Insulators:	Polymer Horizontal Post
Structure types:	Exhibit No. 3 – Medium Angle Dead-End Structure Exhibit No. 4 – Tangent Structure Exhibit No. 5 – Corner Dead-End Structure Exhibit No. 6 – Tangent Dead End Structure Exhibit No. 7 – Self Supported Stub Pole Structure

4906-11-01 (C) (2): (a) Calculated Electric and Magnetic Fields

The following table itemizes the line loading of the transmission line loops being installed in the proposed Project. The normal line loading is based on the maximum load to be served to the new East Fayette Substation and the normal configuration of the transmission system. The emergency line loading is based on the maximum load to be served to the new East Fayette Substation with a single element outage of the transmission system that produces the highest loads in the new line loops. The winter rating amps is based on the continuous maximum conductor ratings (MCR) of the circuits for an ambient temperature of zero degrees centigrade (32 deg. F),

wind speed of 1.3 miles per hour, and a circuit design operating temperature of 100 degrees centigrade (212 deg. F).

Line Name	Normal Loading Amps	Emergency Loading Amps	Winter Rating Amps
Allen Junction-East Fayette 138 kV	144	315	1102
East Fayette-Styker 138 kV	122	347	1102

The following EMF calculations were performed using the EPRI EXPOCALC program software. This program software assumes the input transmission line configuration is located on flat terrain. Also, a balanced, three-phase circuit loading is assumed. The model utilized the normal, emergency, and winter rating of the transmission line loops based on a wire configuration based on Exhibit 6 with a minimum ground clearance of 24 feet. Only the new line loop was modeled.

EMF CALCULATIONS		Electric Field kV/meter	Magnetic Field mGauss
Normal Loading	Under Lowest Conductors	1.27	14.7
	At Right-of-Way Edge	0.02	0.085
Emergency Loading	Under Lowest Conductors	1.27	36.95
	At Right-of-Way Edge	0.02	0.21
Winter Rating	Under Lowest Conductors	1.27	116.98
	At Right-of-Way Edge	0.02	0.69

4906-11-01 (C) (2): (b) EMF Discussion

Background Information

Electric and magnetic fields (EMFs) are naturally occurring in the environment and can be found in the Earth's interior and in the human body. EMFs are generated essentially anywhere there is a flow of electricity, including electrical appliances and power equipment. Electric fields are associated with the voltage of the source; magnetic fields are associated with the flow of current in a wire. The strength of these fields decreases rapidly with distance from the source. EMFs associated with

electricity use are not disruptive to cells like x-rays or ultraviolet rays from the sun. These fields are thought to be too weak to break molecules or chemical bonds in cells. Extensive research has been conducted over the past three decades to determine whether EMFs are associated with adverse health effects. A number of independent scientific panels have reviewed the research and have stated that there is no basis to conclude that EMFs cause adverse health effects nor has it been shown that levels in everyday life are harmful.

Recent Developments

As a part of the National Energy Policy Act of 1992, the Electric and Magnetic Fields Research and Public Information Dissemination (EMF RAPID) program was initiated within the five-year effort under the National EMF Research Program. The culmination of this five-year effort resulted in a final RAPID Working Group report, which was released for public review in August 1998. The Director of the National Institutes of Environmental Health Sciences (NIEHS) then prepared a final report to Congress after receiving public comments.

The NIEHS' Director's final report, released to Congress on May 4, 1999, concluded that extremely low frequency electric and magnetic fields (ELF-EMF) exposure cannot be recognized at this time as entirely safe because of weak scientific evidence that exposure may pose a leukemia hazard. The Director further stated that the conclusion of this report is insufficient to warrant aggressive regulatory concern.

Sources for Additional Information

The following websites sponsored by federal agencies or other organizations provide additional information on EMF:

- Centers for Disease Control/National Institute for Occupational Safety and Health: <http://www.cdc.gov/niosh/topics/emf/>
- National Institute of Environmental Health Sciences (NIEHS) EMF Rapid Program: <http://www.niehs.nih.gov/emfrapid/home.htm>

4906-11-01 (C) (3): Estimated Costs

The estimated capital costs by FERC Accounts for the proposed Project are:

Account	Cost
350 Land Rights	\$ 0
355 Poles and Fixtures	\$ 50,000
356 Overhead Conductors & Devices	\$ 18,000
<u>Removal</u>	<u>\$ 640</u>
Total	\$ 79,000

4906-11-01 D: Socioeconomic Data

4906-11-01 (D) (1): Land Use

The Project area is located in an agricultural area. Neighboring land use in the area of the proposed Project includes agricultural activity. Based on the U.S. Bureau of Census estimates, the 2000 population of the Gorham Township was 2,372, and Fulton County, Ohio was 42,084.

4906-11-01 (D) (2): Agricultural Land

The placement of the new structures will not significantly impact agricultural land use on the Toledo Edison owned property. Agricultural land use is anticipated to continue on the property outside of the area utilized for the new substation.

4906-11-01 (D) (3): Archaeological or Cultural Resources

As part of ATSI's investigation of the project site, a search of the Ohio Historic Preservation Office (OHPO) National Register of Historic Places on-line database was conducted. This search did not identify the existence of any historic sites within the project area. Properties in the OHPO database include all Ohio listings on the National Register of Historic Places as well as districts, sites, buildings, structures,

and objects that are significant in American history, architecture, archeology, engineering, and culture.

4906-11-01 (D) (4): (a) Documentation of Letter of Notification Transmittal

This Letter of Notification is being provided concurrently to the following officials of Gorham Township and Fulton County, Ohio.

Fulton County

The Honorable Dean A. Genter
Fulton County Commissioner
152 South Fulton Street, Ste 270
Wauseon, Ohio 43567

The Honorable Joseph D. Short
Fulton County Commissioner
152 South Fulton Street, Ste 270
Wauseon, Ohio 43567

The Honorable Paul D. Barnaby
Fulton County Commissioner
152 South Fulton Street, Ste 270
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Mr. Frank T. Onweller, P.E., P.S.
Fulton County Engineer
9120 County Road 14
Wauseon, Ohio 43567

Township of Gorham

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Mr. William G. McKinney
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116 E. Main Street
Fayette, Ohio 43521

Mr. Trevor A. Hibbard
Gorham Township Trustee
116 E. Main Street
Fayette, Ohio 43521

Mr. Michael E. Figgins
Gorham Township Fiscal Officer
116 E. Main Street
Fayette, Ohio 43521

Copies of the transmittal letters to these officials have been included with the transmittal letter submitting this Letter of Notification to the Ohio Power Siting Board.

4906-11-01 (D) (4): (b) Public Information Program

Toledo Edison's Manager of External Affairs will advise local officials of features and the status of the proposed transmission line Project as necessary.

4906-11-01 (D) (5): Current or Pending Litigation

There is no known current or pending litigation involving this Project.

4906-11-01 (C) (6): Local, State, and Federal Requirements

There are no known local, state, or federal requirements that must be met prior to commencement of construction on the proposed transmission line Project.

4906-11-01 (E): Environmental Data

4906-11-01 (E) (1): Endangered, Threatened, and Rare Species Investigation

A written request was submitted to the Ohio Department of Natural Resources (ODNR) on May 12, 2010 to research the presence of any endangered, threatened, or rare species within the Project area. The ODNR's response of May 18, 2010, attached as Exhibit No. 8 indicated that they have no records of rare or endangered species within one mile of the identified Project area.

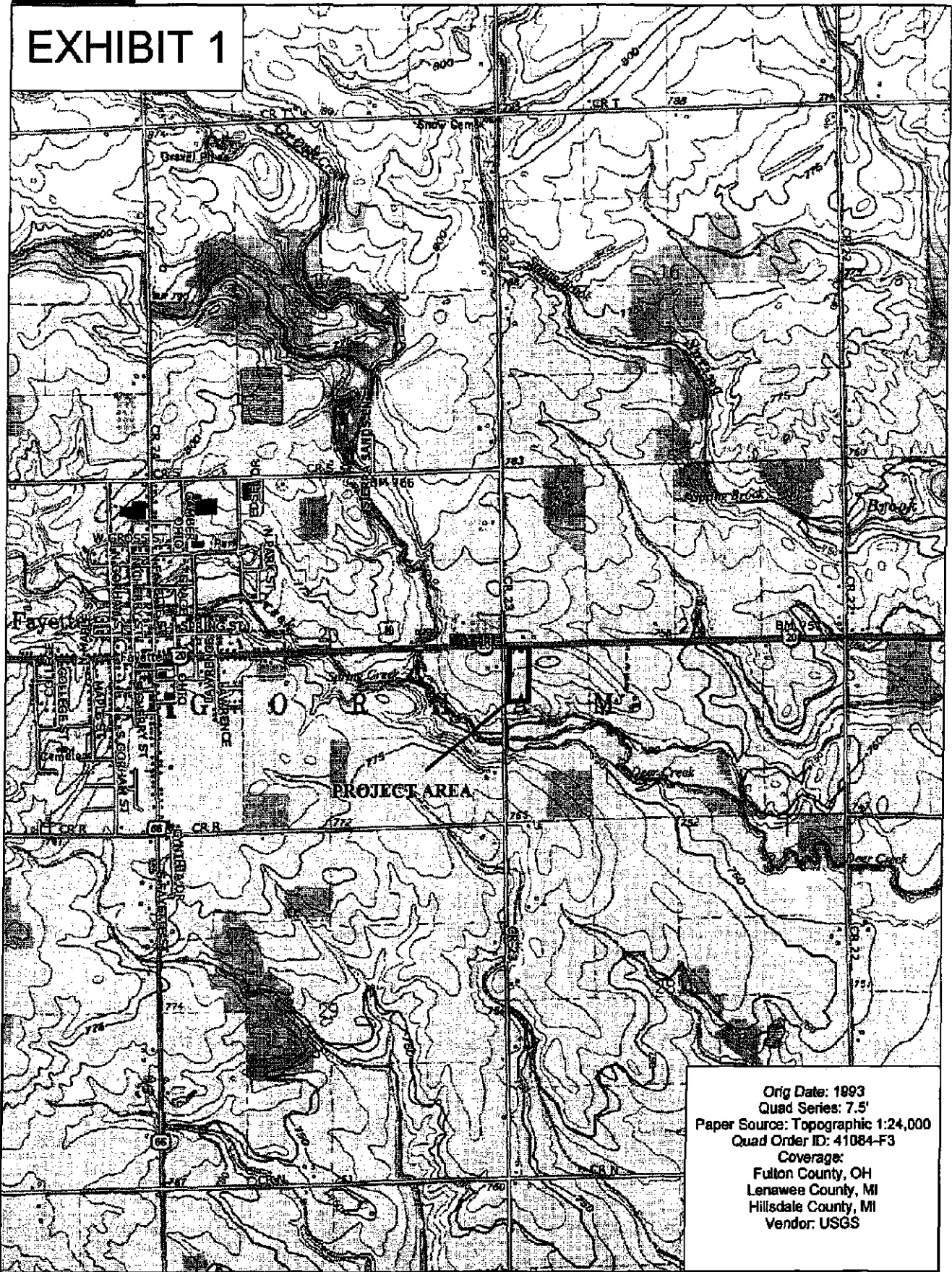
4906-11-01 (E) (2): Areas of Ecological Concern

The project is located in an open area along an established transmission line right-of-way. Visual observations of the project area did not indicate areas of ecological concern near the project.

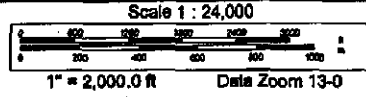
4906-11-01 (E) (3): Additional Information

Construction and operation of the proposed Project will be in accordance with the requirements specified in the latest revision of the NESC as adopted by the PUCO and will meet all applicable safety standards established by OSHA.

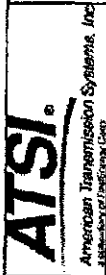
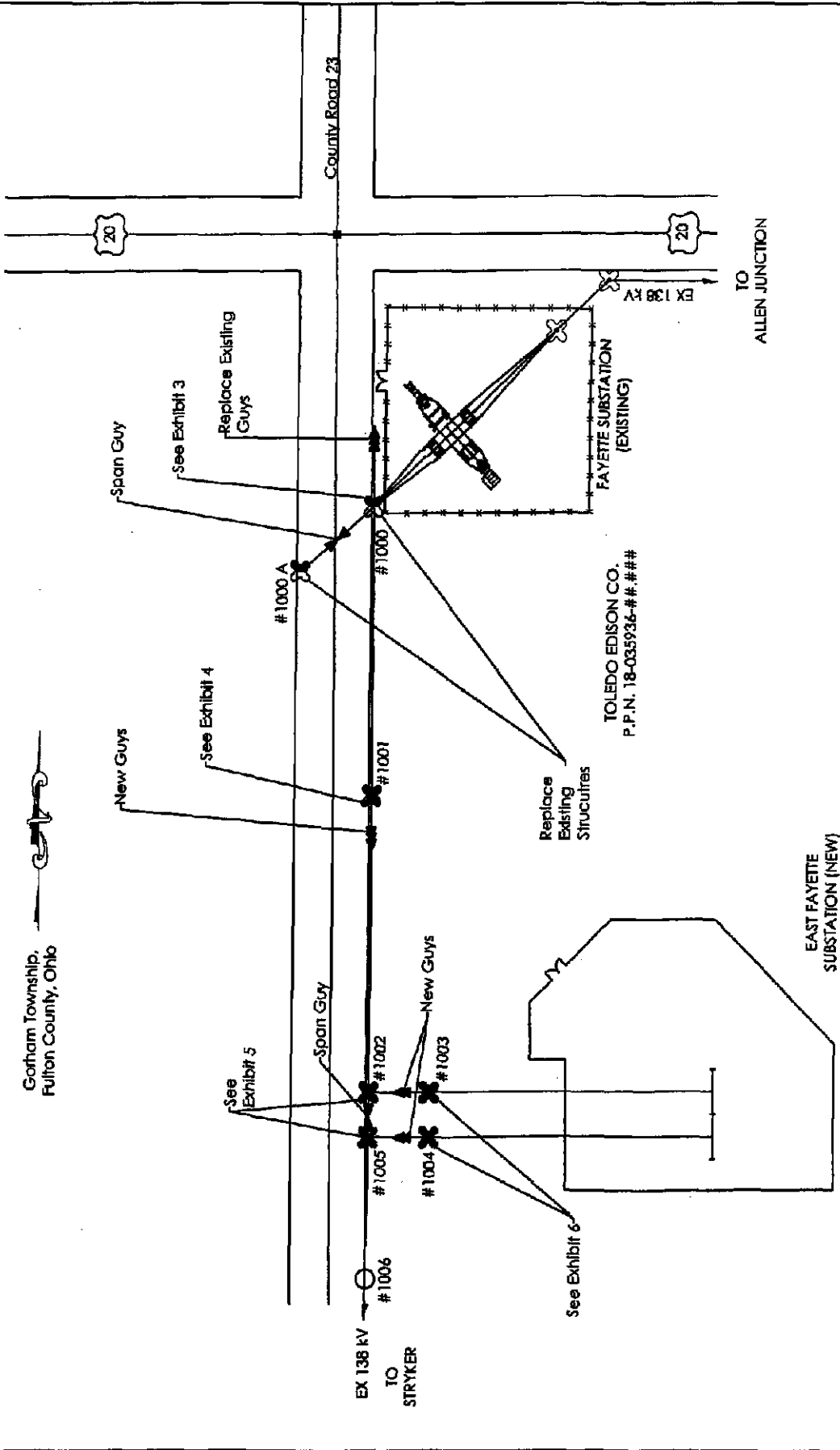
EXHIBIT 1



Orig Date: 1993
 Quad Series: 7.5'
 Paper Source: Topographic 1:24,000
 Quad Order ID: 41084-F3
 Coverage:
 Fulton County, OH
 Lenawee County, MI
 Hillsdale County, MI
 Vendor: USGS



Gotham Township,
Fulton County, Ohio



ALLEN JUNCTION-STRYKER 138 kV
TRANSMISSION LINE LOOP TO
EAST FAYETTE SUBSTATION

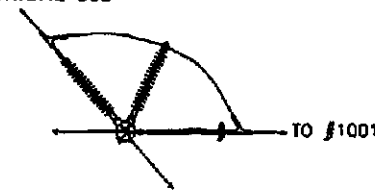
GENERAL LAYOUT

EXHIBIT 2

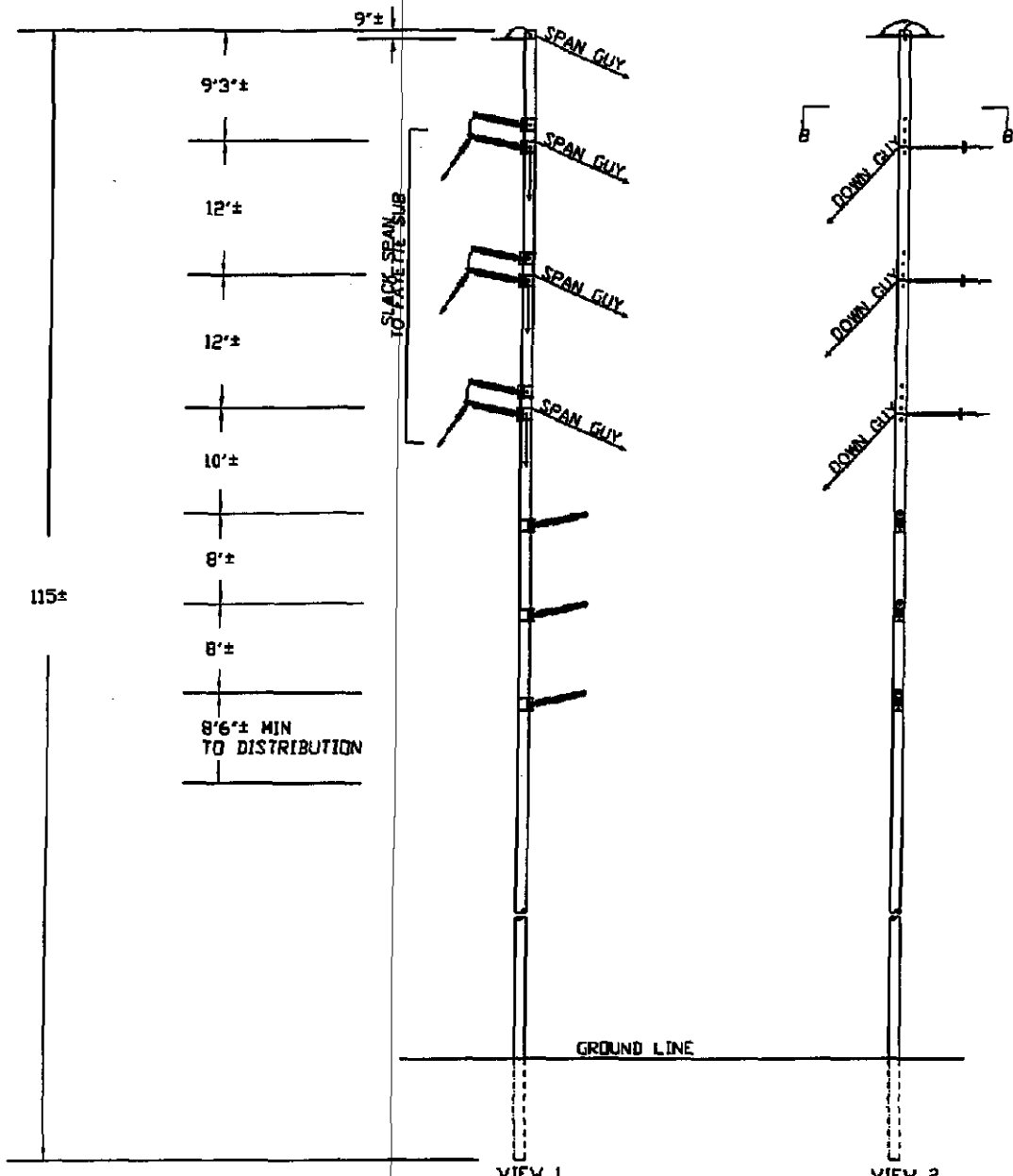
TO FAYETTE SUB



SECTION A-A



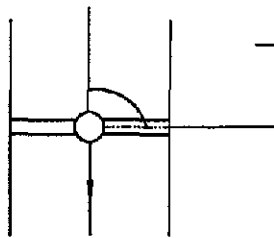
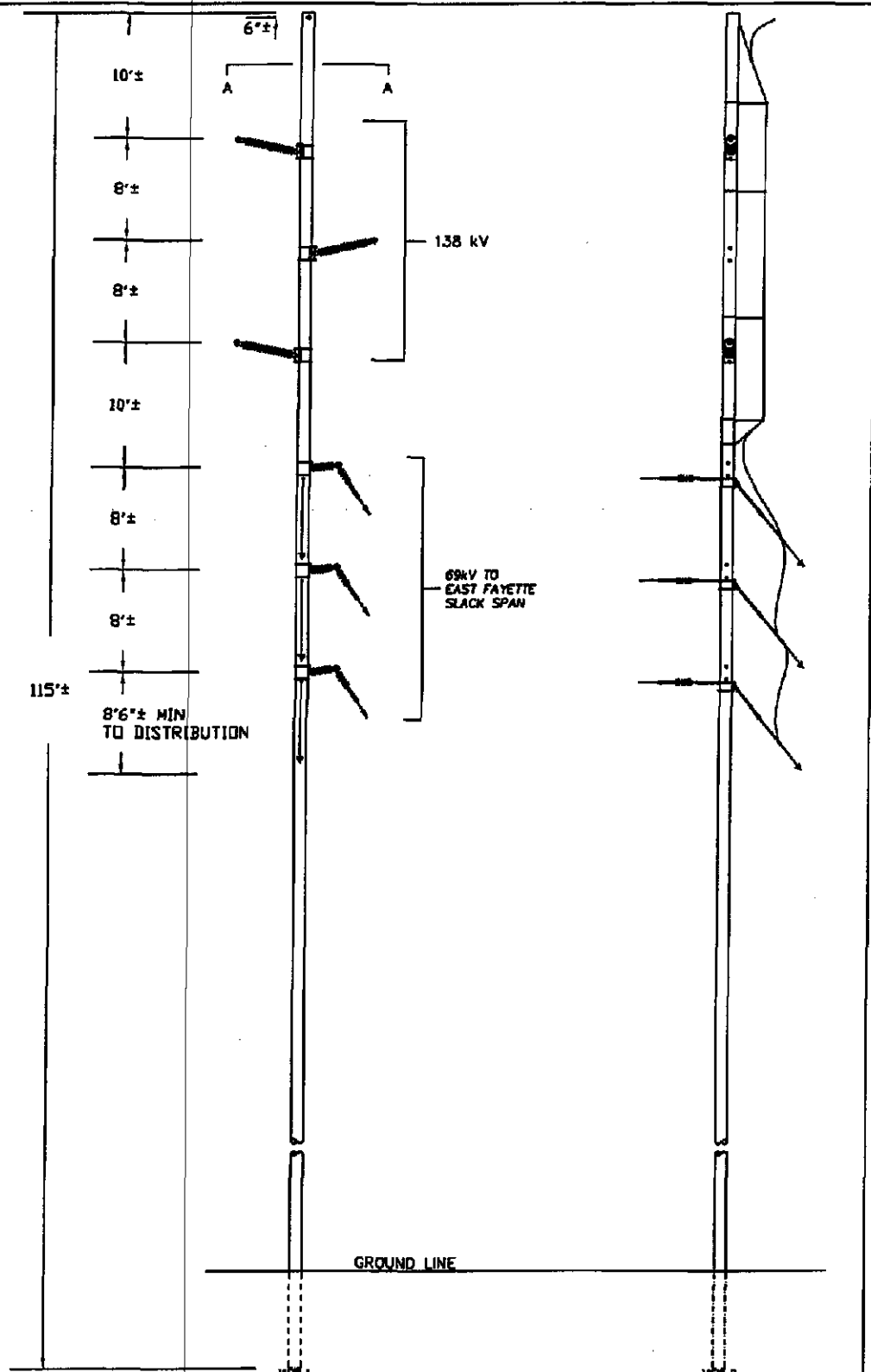
SECTION B-B



ATSI.
American Transmission Systems, Inc.
an industry of the American Electric Power Corporation

ALLEN JUNCTION-STRYKER 138 KV
TRANSMISSION LINE LOOP TO
EAST FAYETTE SUBSTATION

MEDIUM ANGLE DEAD-END
STRUCTURE
EXHIBIT 3



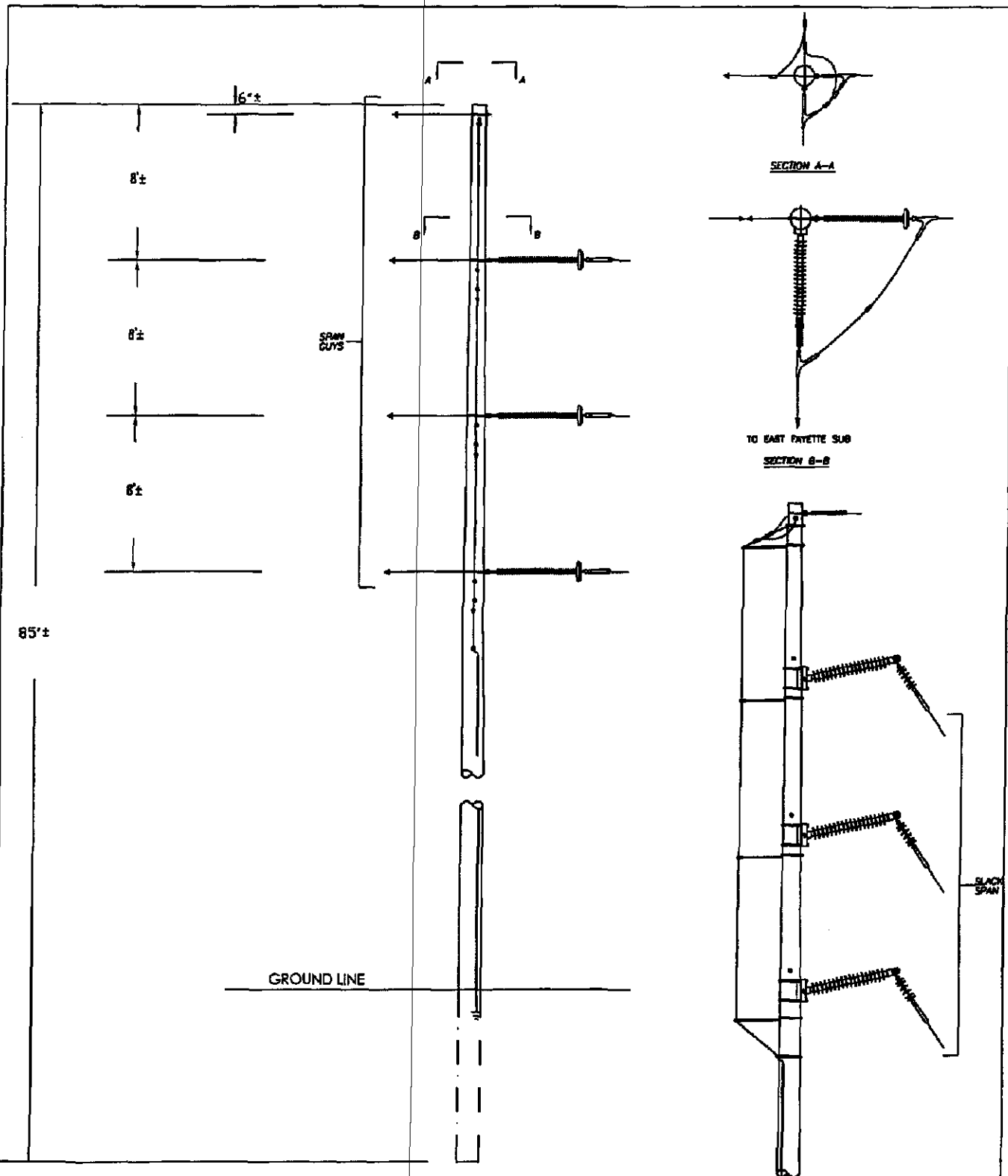
SECTION A-A

ATSI.
 American Transmission Systems, Inc.
a subsidiary of CrossTimber Corp.

ALLEN JUNCTION-STRYKER 138 kV
 TRANSMISSION LINE LOOP TO
 EAST FAYETTE SUBSTATION

TANGENT STRUCTURE

EXHIBIT 4

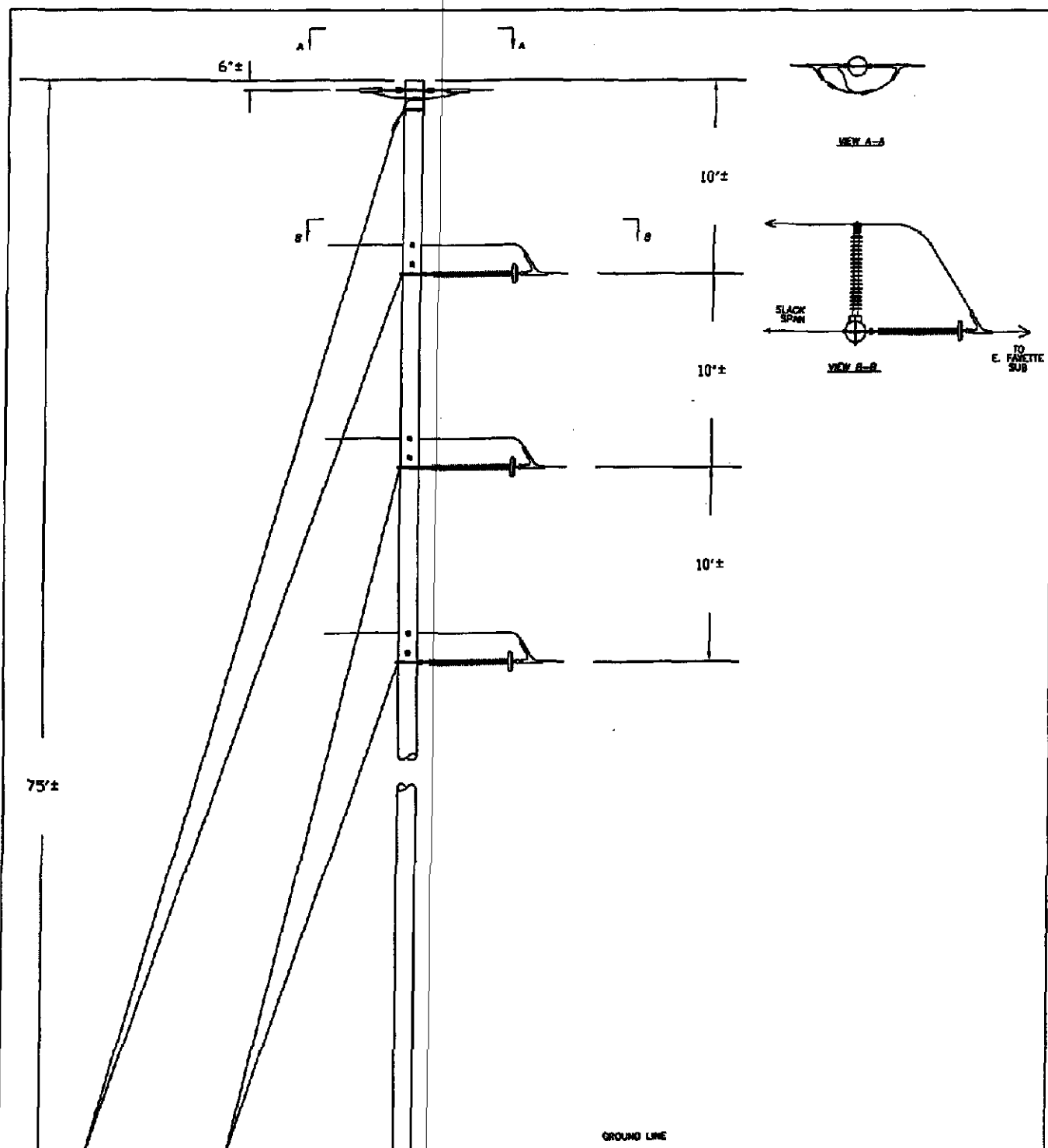


ATSI.
 American Transmission Systems, Inc.
 a subsidiary of Ebasco Services

ALLEN JUNCTION-STRYKER 138 KV
 TRANSMISSION LINE LOOP TO
 EAST FAYETTE SUBSTATION

CORNER DEAD-END STRUCTURE

EXHIBIT 5

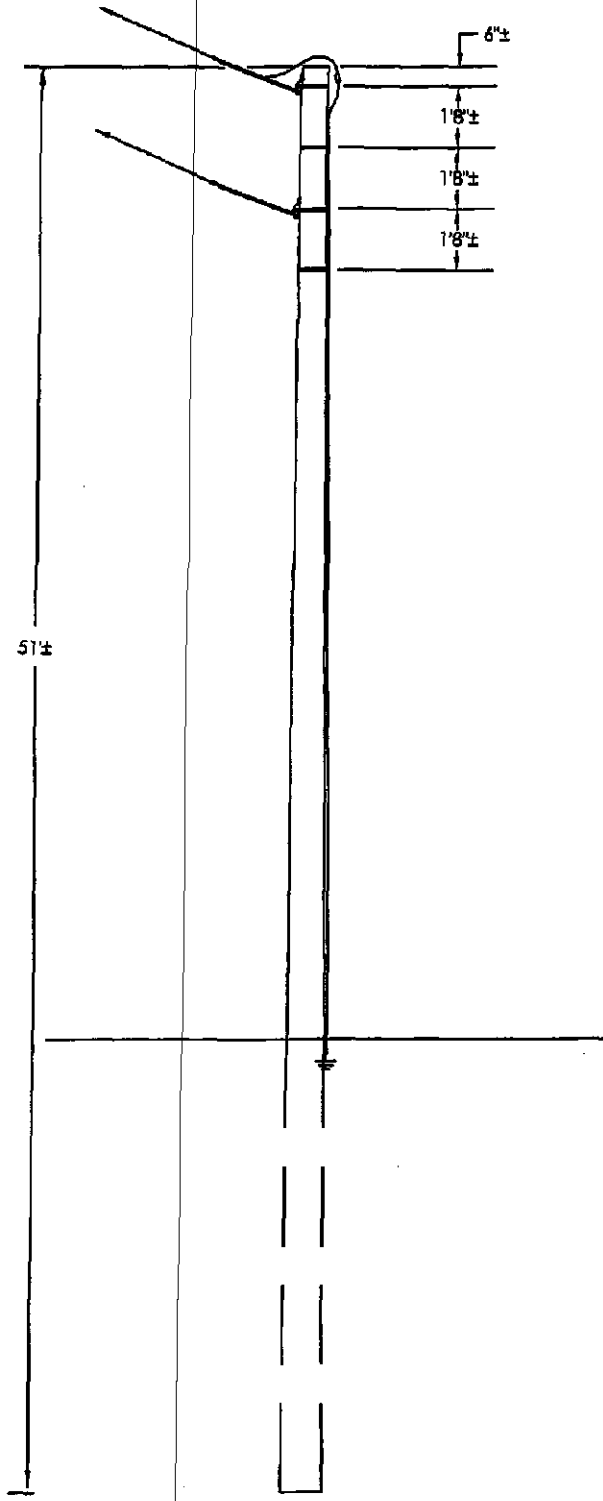


ATSI.
 American Transmission Systems, Inc.
 a subsidiary of Fluor Corp.

ALLEN JUNCTION-STRYKER 138 kV
 TRANSMISSION LINE LOOP TO
 EAST FAYETTE SUBSTATION

TANGENT DEAD-END STRUCTURE

EXHIBIT 6



ATSI.

American Transmission Systems, Inc.
A Subsidiary of Eastman-Kodak

ALLEN JUNCTION-STRYKER 138 kV
TRANSMISSION LINE LOOP TO
EAST FAYETTE SUBSTATION

SELF SUPPORTING STUB POLE

EXHIBIT 7



Ohio Department of Natural Resources

TED STRICKLAND, GOVERNOR

SEAN D. LOGAN, DIRECTOR

Division of Natural Areas and Preserves
 Anthony J. Celebreeze, III, Acting Chief
 2046 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 Allen Junction-Stryker 138 Loop to East Fayette Substation project area, including a one mile radius, on Darby-McCrille Rd. in Gorham Township, Fulton County, and on the Fayette 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 a one mile radius of 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,

Debbie Wolschke, Ecological Analyst
 Natural Heritage Program

