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December 5, 2014

PUCO

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

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

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 Letter of Notification for the above captioned Project. In this Project, ATSI is proposing to install 2 new steel pole structures next to Structure #5694 and Structure #5833 on the Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. Structures #5694 and #5833 will remain in place. New steel pole structures with concrete foundation will be placed approximately 40-45 feet away from the existing structures. The Project will be located in an existing transmission corridor on properties owned by the Cleveland Electric Illuminating Company, a First Energy company, in the City of Mayfield Heights, Cuyahoga County, OH; and the Village of Mayfield, Cuyahoga County, OH.

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:

Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project

c) Location of proposed facilities:

The Project area is located in an existing transmission corridor on properties owned by the Cleveland Electric Illuminating Company, a First Energy company, in the City of Mayfield Heights, Cuyahoga County, OH; and the Village of Mayfield, Cuyahoga County, OH.

This is to certify that the images appearing are an
accurate and complete reproduction of a true file
document delivered in the regular course of business.
Technician ANJ Date Processed 12/8/14

d) Description of proposed facilities:

The project involves installing 2 new steel pole structures approximately 40-45 feet away from steel pole Structures #5694 and #5833.

e) Applicant's representative:

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

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 City of Mayfield Heights, the Village of Mayfield, and Cuyahoga County are enclosed for your file.

After docketing this filing, please return one time-stamped copy of the Letter of Notification 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
Engineer, Transmission Siting
Energy Delivery Transmission and Substation Design
FirstEnergy Service Company

Attachments

December 5, 2014

Mr. Ed FitzGerald
Cuyahoga County Executive
2079 East 9th Street
Cleveland OH, 44115

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

Dear Mr. FitzGerald,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, is proposing to install 2 new steel pole structures next to Structure #5694 and Structure #5833 on the existing Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. Structures #5694 and #5833 will remain in place. New steel pole structures with concrete foundations will be placed approximately 40-45 feet away from the existing structures. The Project will be located in an existing transmission corridor on properties owned by the Cleveland Electric Illuminating Company, a First Energy company, in the City of Mayfield Heights, Cuyahoga County, OH and the Village of Mayfield, Cuyahoga County, OH.

In accordance with 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 Rule 4906-11-01, 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) 384-2740

Sincerely,



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

Attachment

December 5, 2014

Ms. C. Ellen Connally
Cuyahoga County Council President
2079 East 9th Street, 8th Floor
Cleveland, Ohio 44115

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

Dear Ms. Connally,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, is proposing to install 2 new steel pole structures next to Structure #5694 and Structure #5833 on the existing Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. Structures #5694 and #5833 will remain in place. New steel pole structures with concrete foundations will be placed approximately 40-45 feet away from the existing structures. The Project will be located in an existing transmission corridor on properties owned by the Cleveland Electric Illuminating Company, a First Energy company, in the City of Mayfield Heights, Cuyahoga County, OH and the Village of Mayfield, Cuyahoga County, OH.

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

Sincerely,



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

Attachment

December 5, 2014

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

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN


Dear Mr. Schron,

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Sincerely,



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

Attachment

December 5, 2014

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

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

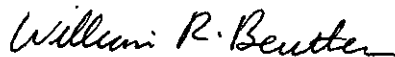
Dear Ms. Schmotzer,

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Sincerely,



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

Attachment

December 5, 2014

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

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

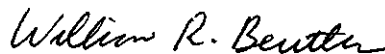
Dear Mr. Kelly,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, is proposing to install 2 new steel pole structures next to Structure #5694 and Structure #5833 on the existing Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. Structures #5694 and #5833 will remain in place. New steel pole structures with concrete foundations will be placed approximately 40-45 feet away from the existing structures. The Project will be located in an existing transmission corridor on properties owned by the Cleveland Electric Illuminating Company, a First Energy company, in the City of Mayfield Heights, Cuyahoga County, OH and the Village of Mayfield, Cuyahoga County, OH.

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

Sincerely,



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

Attachment

December 5, 2014

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

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

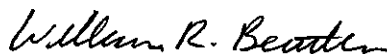
Dear Mr. Coyne,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, is proposing to install 2 new steel pole structures next to Structure #5694 and Structure #5833 on the existing Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. Structures #5694 and #5833 will remain in place. New steel pole structures with concrete foundations will be placed approximately 40-45 feet away from the existing structures. The Project will be located in an existing transmission corridor on properties owned by the Cleveland Electric Illuminating Company, a First Energy company, in the City of Mayfield Heights, Cuyahoga County, OH and the Village of Mayfield, Cuyahoga County, OH.

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

Sincerely,



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

Attachment

December 5, 2014

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

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

Dear Mr. Teeuwen,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, is proposing to install 2 new steel pole structures next to Structure #5694 and Structure #5833 on the existing Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. Structures #5694 and #5833 will remain in place. New steel pole structures with concrete foundations will be placed approximately 40-45 feet away from the existing structures. The Project will be located in an existing transmission corridor on properties owned by the Cleveland Electric Illuminating Company, a First Energy company, in the City of Mayfield Heights, Cuyahoga County, OH and the Village of Mayfield, Cuyahoga County, OH.

In accordance with 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 Rule 4906-11-01, 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) 384-2740

Sincerely,



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

Attachment

December 5, 2014

The Honorable Anthony DiCicco
Mayor, Mayfield Heights
6154 Mayfield Road
Mayfield Heights, OH 44124

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

Dear Mayor DiCicco,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, is proposing to install 2 new steel pole structures next to Structure #5694 and Structure #5833 on the existing Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. Structures #5694 and #5833 will remain in place. New steel pole structures with concrete foundations will be placed approximately 40-45 feet away from the existing structures. The Project will be located in an existing transmission corridor on properties owned by the Cleveland Electric Illuminating Company, a First Energy company, in the City of Mayfield Heights, Cuyahoga County, OH and the Village of Mayfield, Cuyahoga County, OH.

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

Sincerely,



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

Attachment

December 5, 2014

Ms. Gayle Teresi, President
Mayfield Heights City Council
6154 Mayfield Road
Mayfield Heights, OH 44124

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

Dear Ms. Teresi,

American Transmission Systems, Incorporated ("ATSP"), a FirstEnergy company, is proposing to install 2 new steel pole structures next to Structure #5694 and Structure #5833 on the existing Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. Structures #5694 and #5833 will remain in place. New steel pole structures with concrete foundations will be placed approximately 40-45 feet away from the existing structures. The Project will be located in an existing transmission corridor on properties owned by the Cleveland Electric Illuminating Company, a First Energy company, in the City of Mayfield Heights, Cuyahoga County, OH and the Village of Mayfield, Cuyahoga County, OH.

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

Sincerely,



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

Attachment

December 5, 2014

Mr. Robert G. Tribby
Mayfield Heights Clerk of Council
6154 Mayfield Road
Mayfield Heights, OH, 44124

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

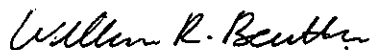
Dear Mr. Tribby,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, is proposing to install 2 new steel pole structures next to Structure #5694 and Structure #5833 on the existing Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. Structures #5694 and #5833 will remain in place. New steel pole structures with concrete foundations will be placed approximately 40-45 feet away from the existing structures. The Project will be located in an existing transmission corridor on properties owned by the Cleveland Electric Illuminating Company, a First Energy company, in the City of Mayfield Heights, Cuyahoga County, OH and the Village of Mayfield, Cuyahoga County, OH.

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

Sincerely,



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

Attachment

December 5, 2014

Mr. David Dugovics, Chairman
Mayfield Heights Planning Commission
6154 Mayfield Road
Mayfield Heights, OH 44124

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

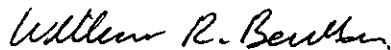
Dear Mr. Dugovics,

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Sincerely,



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

Attachment

December 5, 2014

Mr. Tom Jamieson, Director
Mayfield Heights Building Department
6154 Mayfield Road
Mayfield Heights, OH 44124

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

Dear Mr. Jamieson,

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Sincerely,



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

Attachment

December 5, 2014

Mr. Greg Cifra, URS Corporation
Mayfield Heights City Engineer
1375 Euclid Avenue, Suite 600
Cleveland, OH 44115

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

Dear Mr. Cifra,

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Sincerely,



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

Attachment

December 5, 2014

The Honorable Bruce G Rinker
Mayor, Village of Mayfield
6622 Wilson Mills Road
Mayfield Village, OH 44143

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

Dear Mayor Rinker

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, is proposing to install 2 new steel pole structures next to Structure #5694 and Structure #5833 on the existing Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. Structures #5694 and #5833 will remain in place. New steel pole structures with concrete foundations will be placed approximately 40-45 feet away from the existing structures. The Project will be located in an existing transmission corridor on properties owned by the Cleveland Electric Illuminating Company, a First Energy company, in the City of Mayfield Heights, Cuyahoga County, OH and the Village of Mayfield, Cuyahoga County, OH.

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Sincerely,



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

Attachment

December 5, 2014

Mr. William Buckholtz
Council, President, Village of Mayfield
6622 Wilson Mills Road
Mayfield Village, OH 44143

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

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Sincerely,



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

Attachment

December 5, 2014

Ms. Patsy Mills
Ward 2 Councilor, Village of Mayfield
6622 Wilson Mills Road
Mayfield Village, OH 44143

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN


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

Attachment

December 5, 2014

Ms. Mary E. Besta
Clerk of Council, Village of Mayfield
6622 Wilson Mills Road
Mayfield Village, OH 44143

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

Dear Ms. Besta,

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Sincerely,



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

Attachment

December 5, 2014

Mr. John Marrelli
Building Commissioner, Village of Mayfield
6622 Wilson Mills Road
Mayfield Village, OH 44143

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

Dear Mr. Marrelli,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, is proposing to install 2 new steel pole structures next to Structure #5694 and Structure #5833 on the existing Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. Structures #5694 and #5833 will remain in place. New steel pole structures with concrete foundations will be placed approximately 40-45 feet away from the existing structures. The Project will be located in an existing transmission corridor on properties owned by the Cleveland Electric Illuminating Company, a First Energy company, in the City of Mayfield Heights, Cuyahoga County, OH and the Village of Mayfield, Cuyahoga County, OH.

In accordance with 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 Rule 4906-11-01, 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) 384-2740

Sincerely,



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

Attachment

Mr. William Rubin, Manager
Mayfield Branch
Cuyahoga County Public Library
500 SOM Center Road
Mayfield, OH, 44143

December 5, 2014

Letter of Notification
Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line
Structure Addition Project
Case No. 14-2129-EL-BLN

Dear Mr. Rubin,

Enclosed please find one copy of the Letter of Notification ("LON") application filed by American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, for a certificate to construct, operate, and maintain the above named electric transmission line facility from the Ohio Power Siting Board ("OPSB"). We are providing a copy of the LON for placement in your library in response to the requirements of the Ohio Administrative Code ("OAC") Rule 4906-5-06, which requires us to place a copy of the Application in the main public libraries of the political subdivisions in which any portion of the Project is to be located. Please make the LON available for public reference in the Cuyahoga County Public Library, Mayfield Branch.

As described in the LON, the Project proposes to add new steel pole structures next to existing Structures #5694 and #5833 on the Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. The existing steel pole Structures #5694 and #5833 will remain in place. New steel pole structures will be placed approximately 40-45 feet away from the existing structures. The Project will be located in an existing transmission corridor on properties owned by the Cleveland Electric Illuminating Company, a First Energy company, in the City of Mayfield Heights, Cuyahoga County, Ohio; and the Village of Mayfield, Cuyahoga County, Ohio.

Please feel free to call me with any question you have on making the LON available to your patrons. My phone number is (330) 384-2740.

Sincerely,



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

Enclosure

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

LETTER OF NOTIFICATION

**EASTLAKE-LLOYD (Q-12 & Q-13) 138 kV
TRANSMISSION LINE STRUCTURE ADDITION
PROJECT**

OPSB CASE NO. 14-2129-EL-BLN

December 5, 2014

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

**LETTER OF NOTIFICATION
EASTLAKE-LLOYD (Q-12 & Q-13) 138 kV TRANSMISSION LINE
STRUCTURE ADDITION PROJECT**

The following information is being provided in accordance with the procedures in the Ohio Administrative Code (OAC) Rule 4906-11-01: Letter of Notification Requirements of the Ohio Power Siting Board.

4906-11-01 (B): LETTER OF NOTIFICATION REQUIREMENTS

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

Name of Project: Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line, Structure Addition Project (“Project”).

2014 LTR Reference: This Project is not included in FirstEnergy Corp. 2014 Long Term Forecast Report submitted to the Public Utility Commission of Ohio (“PUCO”) in Case Number 14-0623-EL-FOR.

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

In this Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy company, is proposing to add two structures (Structure #5694A and Structure #5833A) on the Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line.

Proposed Structure #5694A will be located in the vicinity of 1974 Lander Road in the City of Mayfield Heights, Cuyahoga County, OH, approximately 45 feet to the southwest of Structure #5694. The existing steel pole structure, Structure #5694, will remain. Proposed Structure #5694A will be a new steel pole structure with a concrete foundation. The general location of the proposed Structure #5694A is shown in Exhibit 1, which is a partial copy of the United States

Geologic Survey, Cuyahoga County, OH, Quad Map, ID number 41081-E4. The general layout of the proposed structure is shown in Exhibit 2. The structure will be placed on property owned by the Cleveland Electric Illuminating Company, a FirstEnergy company, in the City of Mayfield Heights, Cuyahoga County, OH.

Proposed Structure #5833A is located east of 6434 Highland Road, in the Village of Mayfield, Cuyahoga County, OH, approximately 40 feet to the south of Structure #5833. Structure #5833 will remain. Proposed Structure #5833A will be a new steel pole structure. The general location of the proposed Structure #5833A is shown in Exhibit 3, which is a partial copy of the United States Geologic Survey, Cuyahoga County, OH, Quad Map, ID number 41081-E4. The general layout of the proposed structure is shown in Exhibit 4. The proposed structure will be located on property owned by the Cleveland Electric Illuminating Company, a FirstEnergy company, in the City of Mayfield Heights, Cuyahoga County, OH.

4906-11-01 (B) (1) (c): Letter of Notification Requirement

The Project meets the requirements for a Letter of Notification because the Project is within the types of projects defined by Item (4)(a) of the Interim Application Requirement Matrix for Electric Power Transmission Lines. This item states:

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

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

The proposed Project involves the addition of two transmission line structures to the Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. Both of the proposed structures to be installed in the existing right-of-way and new no new right-of-way will be required.

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

Existing Structures #5694 and #5833 currently have wireless communication antennas mounted on them. Additional wireless communication antennas were proposed for both structures. The modeling of both existing structures with the loads from the proposed additional antennas resulted in a violation of North American Electric Safety Code (“NESC”) loading criteria under certain high wind conditions. The new structures are designed to carry the load of the additional wireless communication antennas, if such additional wireless communication antennas are otherwise approved, and the new structures will carry the Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line. It is anticipated that both poles may be installed in three phases. The first phase is the portion of the pole necessary to support the transmission line, static line and provide a location for installation of antennas above the static wire. The second and third phases would add incremental sections to the top of the pole to provide additional locations for installation of antennas, if approved by the appropriate authorities. At completion of the third phase, the height of the pole will be the approximate maximum height of the pole depicted in Exhibit 3.

Replacement of existing structures #5694 & #5833 would present construction challenges and consequently will remain in place. Each structure will support the Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Lines wire crossings over a roadway. The proposed new structures will carry the Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Lines.

4609-11-01 (B) (3): Location of the Project Relative to Existing or Proposed Lines

The location of the Project relative to existing or proposed lines is shown in the FirstEnergy System Facilities Map TL-MAP-2, included as the last page of Chapter 3 of the confidential portion of the FirstEnergy Corp. 2014 Long-Term Forecast Report. This map was submitted to the PUCO in Case No 14-0623-EL-

FOR under Rule 4901:5-5:04 (C) of the Ohio Administrative Code. The map is incorporated by reference only. This map shows ATSI's 345 kV and 138 kV transmission lines and transmission substations including the Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Line.

The project area for the proposed Structure #5694A is located approximately 11 ¼ inches (11" x 17" printed version) from the left edge of the map and 2 ¼ inches (11" x 17" printed version) from the top of the map. The general location and layout of the project area for the proposed Structure #5694A is shown in Exhibit 1. The project area for the proposed Structure #5833A is located approximately 11 ¼ inches (11" x 17" printed version) from the left edge of the map and 2 ¼ inches (11" x 17" printed version) from the top of the map. The general location and layout of the project area for the proposed Structure #5833A is shown in Exhibit 3.

4609-11-01 (B) (4): Alternatives Considered

No alternatives were considered for this Project.

4609-11-01 (B) (5): Construction Schedule

The construction schedule for this Project is expected to begin as early as April 1, 2015 and completed by May 31, 2015. Both structures will be constructed at the same time.

4609-11-01 (B) (6): Area Map

Exhibit 1 depicts the general location of proposed Structure #5694A of the Project. This Exhibit provides a partial copy of the United States Geological Survey, Cuyahoga topographic quadrangle map (Quad Order ID 41081-E4). To locate and view the proposed Structure #5694A project site from Columbus Ohio, travel North on I-71 N for approximately 111 miles and exit 220 and merge on to I-271 N for approximately 22.1 miles. Merge onto I-271 N/I-480 W for approximately 3.2 miles and then keep left on I-271 N for approximately 7.4

miles. Take exit 32 Brainard Rd/Cedar Rd for approximately 417 feet and keep left following the sign for Brainard Rd/Cedar Rd for approximately 335 feet. Keep right at the fork and follow the signs for Pepper Pike/Landerhaven/Cedar Rd for approximately 161 feet and then turn right onto Brainard Rd for approximately 456 feet. Take the 1st left onto Cedar Rd for approximately 0.7 miles. Turn left onto Lander Rd for approximately 0.4 miles and then turn left onto the paved access road and for 0.1 miles to existing Structure #5694. The proposed structure will be located approximately 45 feet to the southwest.

Exhibit 3 depicts the general location of proposed Structure #5833A of the Project. This Exhibit provides a partial copy of the United States Geological Survey, Cuyahoga topographic quadrangle map (Quad Order ID 41081-E4). To locate and view the proposed Structure #5833A project site from the project site of proposed Structure #5694, travel North on Lander Rd for approximately 2.2 miles and then turn right on Wilson Mills Rd for approximately 0.3 miles. Then take the first left onto Miner Rd for approximately 0.9 miles and turn right onto Highland Rd for approximately 0.5 miles. Turn right on to the access road leading to existing Structure #5833 for approximately 150 feet. The proposed structure #5833A is located approximately 40 to the south.

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

Both proposed structures are located on property owned by Cleveland Electric Illuminating Company, a FirstEnergy company. No new easements or right-of-ways for the new transmission structures are needed. The property information for this Project is listed below.

Parcel Number	Property Owner	Property Address	Easement Status
861-30-028	Cleveland Electric Illuminating CO., a FirstEnergy Company	Lander Rd	Owned in Fee
831-10-002	Cleveland Electric Illuminating CO., a FirstEnergy Company	Highland Rd	Owned in Fee

4906-11-01 (C): TECHNICAL FEATURES OF THE PROJECT

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

The transmission lines on the new structures, will have the following characteristics:

Voltage:	138 kV
Conductors:	1192.5 kcmil 48/7 ACSR
Static Wire:	7#8 Alumoweld
Insulators:	Porcelain for Structure #5694A Polymer for Structure #5833A
Structure Types:	Exhibit 5: Double-Circuit Tangent Steel Monopole Structure For Structure #5694A Exhibit 6: Double-Circuit Tangent Steel Monopole Structure For Structure #5833A

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

The following table itemizes the line loading of the Eastlake-Lloyd (Q-12 & Q-13) 138 kV Transmission Lines. The normal line loading represents FirstEnergy's peak system load for the transmission lines. The emergency line loading represents the maximum line loading under contingency operation. The winter rating is based on the continuous maximum conductor rating (MCR) of the circuits for the single conductors per phase 1192.5 kcmil conductors and an ambient temperature of zero degrees centigrade (32 °F), wind speed of 1.3 miles per hour, and a circuit design operating temperature of 100 °C (212 °F).

Line Name	Normal Loading Amps	Emergency Loading Amps	Winter Rating Amps
Eastlake-Lloyd (Q12) 138kV Transmission Line	512	863	1686
Eastlake-Lloyd (Q13) 138kV Transmission Line	591	906	1686

The following calculations provide an approximation of the magnetic and electric fields strengths of the Eastlake-Lloyd 138 kV Transmission Lines in the right-of-way. The calculations provide an approximation of the electric and magnetic fields levels based on specific assumptions utilizing the EPRI EMF Workstation 2009 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 for the transmission circuit. The model utilizes the normal, emergency, and winter rating of the transmission lines.

EMF Calculations Structure #5694A		Electric Field kV/m	Magnetic Field mG
Normal Loading	Under Lowest Conductors	1.023	45.472
	At Right-of-Way Edges	0.012	8.629/11.8
Emergency Loading	Under Lowest Conductors	1.023	71.317
	At Right-of-Way Edges	0.012	13.893/17.5
Winter Rating	Under Lowest Conductors	1.023	135.933
	At Right-of-Way Edges	0.012	26.553/44.7

EMF Calculations Structure #5833A		Electric Field kV/m	Magnetic Field mG
Normal Loading	Under Lowest Conductors	1.373	56.096
	At Right-of-Way Edges	0.034	13.38/15.0
Emergency Loading	Under Lowest Conductors	1.373	89.957
	At Right-of-Way Edges	0.034	21.364/23.0
Winter Rating	Under Lowest Conductors	1.373	174.95
	At Right-of-Way Edges	0.034	40.654/45.80

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; and magnetic fields are associated with flow of current in a wire. The strength of these fields decreases rapidly with distance from the source.

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 Institute 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 because of a 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/health/topics/agents/emf/>

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

The following are the estimated capital cost by FERC Accounts for the Project:

Engineering	\$ 127,000
Poles, Fixtures, & Other Materials	\$ 414,678
Labor, Construction & Testing	\$ 564,776
Total	\$ 1,066,454

4906-11-01 (D): SOCIOECONOMIC DATA

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

The proposed Structure #5694A is located in the City of Mayfield Heights, Cuyahoga County Ohio. The main land use around the Project is roadway right-of-way and office/light industrial. Based on the US Bureau of Census estimates the 2010 population of the City of Mayfield Heights was 19,155. The 2010 population of Cuyahoga County was 1,280,122. As the Project involves the addition of one structure (Structure #5694A) in this area, no significant changes or impacts to the current land use is anticipated.

The proposed Structure #5833A is located in the Village of Mayfield, Cuyahoga County Ohio. The main land use around the Project is roadway right-of-way, residential land, and industrial/production distribution. Based on the US Bureau of Census estimates the 2010 population of the Village of Mayfield was 3,460. The 2010 population of Cuyahoga County was 1,280,122. As the Project involves the addition of one structure (Structure #5833A) in this area, no significant changes or impacts to the current land use is anticipated.

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

Agricultural land use does not exist within the Project's footprint.

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

As part of ATSI's investigation of the project, a search of Ohio Historic Preservation Office (OHPO) National Register of Historic Places online database was conducted. The OHPA database includes all Ohio listing on the National Register of Historic Places, including districts, sites, building, structures, and objects that are significant in American history, architecture, archeology, engineering, and culture.

For Structure #5694A, the search indicated that there is one structure on the National Register of historic places within one mile of the Project Area. No structures were found within the Project Area.

For Structure #5833A, the search indicated that there are two structures on the National Register of historic places within one mile of the Project Area. No structures were found within the Project Area.

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

This Letter of Notification is being provided concurrently to the following officials in the City of Mayfield Heights, Cuyahoga County, OH and the Village of Mayfield, Cuyahoga County, OH.

Cuyahoga County

Mr. Ed FitzGerald
Cuyahoga County Executive
2079 East 9th Street
Cleveland OH, 44115

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

Ms. C. Ellen Connally
Cuyahoga County Council President
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,
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 Mayfield Heights

The Honorable Anthony DiCicco
Mayor, Mayfield Heights
6154 Mayfield Road
Mayfield Heights, OH 44124

Ms. Gayle Teresi, President
Mayfield Heights City Council
6154 Mayfield Road
Mayfield Heights, OH 44124

Mr. Robert G. Tribby
Mayfield Heights Clerk of Council
6154 Mayfield Road
Mayfield Heights, OH, 44124

Mr. David Dugovics, Chairman
Mayfield Heights Planning
Commission
6154 Mayfield Road
Mayfield Heights, OH 44124

Mr. Tom Jamieson, Director
Mayfield Heights Building
Department
6154 Mayfield Road
Mayfield Heights, OH 44124

Mr. Greg Cifra URS Corporation
Mayfield Heights City Engineer
1375 Euclid Avenue, Suite 600
Cleveland, OH 44115

Village of Mayfield

The Honorable Bruce G Rinker
Mayor, Village of Mayfield
6622 Wilson Mills Road
Mayfield Village, OH 44143

Mr. William Buckholtz
Council President,
Village of Mayfield
6622 Wilson Mills Road
Mayfield Village, OH 44143

Ms. Patsy Mills
Ward 2 Councilor, Village of Mayfield
6622 Wilson Mills Road
Mayfield Village, OH 44143

Ms. Mary E. Besta
Clerk of Council, Village of Mayfield
6622 Wilson Mills Road
Mayfield Village, OH 44143

Mr. John Marrelli
Building Commissioner,
Village of Mayfield
6622 Wilson Mills Road
Mayfield Village, OH 44143

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

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

ATSI'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 (D) (6): Local, State, and Federal Requirements

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

4906-11-01 (E): ENVIRONMENTAL DATA

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

As part of the investigation, a request was submitted to the Ohio Department of Natural Resources-Division of Wildlife (ONDR) on October 13, 2014, to research the presence of any endangered, threatened, or rare species within the project area. The ONDR's response on 10/16/14, attached as Exhibit No. #7, indicated that they have no records the aforementioned areas within one mile of the identified project area.

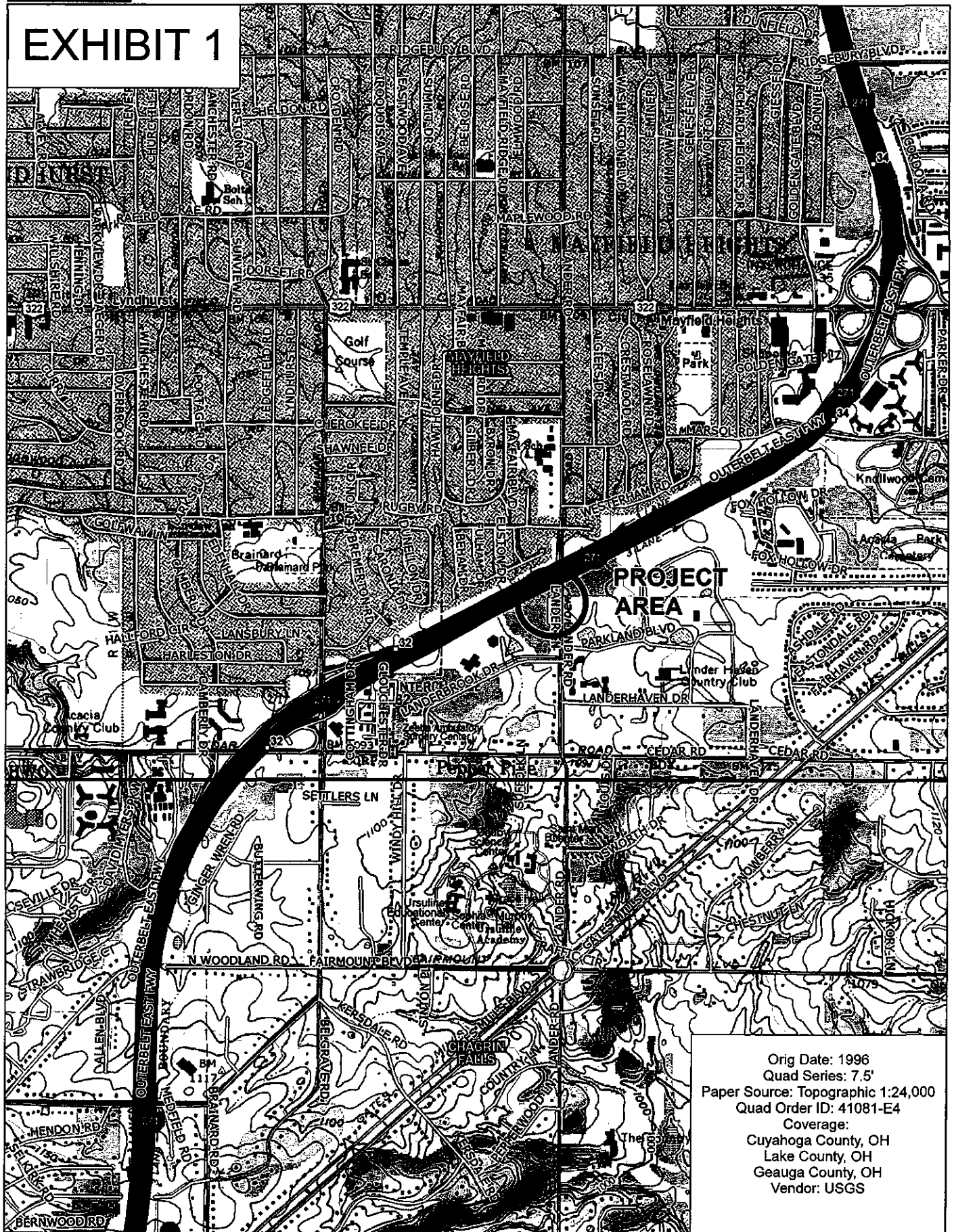
4906-11-01 (E) (2): Areas of Ecological Concern

As part of the investigation, a request was submitted to the Ohio Department of Natural Resources Division of Wildlife (ODNR) on October 13, 2014, to research the presence of any unique ecological sites, geological features, animal assemblages, scenic rivers, state wildlife areas, nature preserves, parks or forest, national wildlife refuges, or other protected natural areas within the project area. The ODNR's 10/16/14 response, attached as Exhibit No. #7, indicated that they have no records the aforementioned areas within one mile of the identified project area. The area around proposed structure #5694A is an open field with a concrete access road and there are no wetland or streams in the work limits of the proposed structure. The area around proposed structure #5833A is a field with a gravel access road and there are no wetland or streams in the work limits of the proposed structure.

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 National Electric Safety Code as adopted by the Public Utilities Commission of Ohio (PUCO) and will meet all applicable safety standards established by the Occupational Safety and Health Administration.

EXHIBIT 1

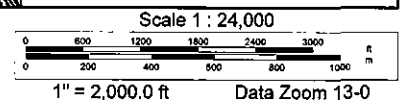


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 Vendor: USGS

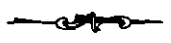
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CITY OF MAYFIELD HEIGHTS
CUYAHOGA COUNTY
STATE OF OHIO



I-271 SOUTHBOUND

I-271 EXPRESS LANES

I-271 NORTHBOUND

#5693

#5694A

#5694

ACCESS ROAD

LANDER RD

#5695

#5696

EASTLAKE-LLDYO 138 kV Q-12
EASTLAKE-LLDYO 138 kV Q-13

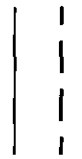
LEGEND



EXISTING STRUCTURE



NEW STRUCTURE



EXISTING TRANSMISSION LINE



EXISTING PAVEMENT



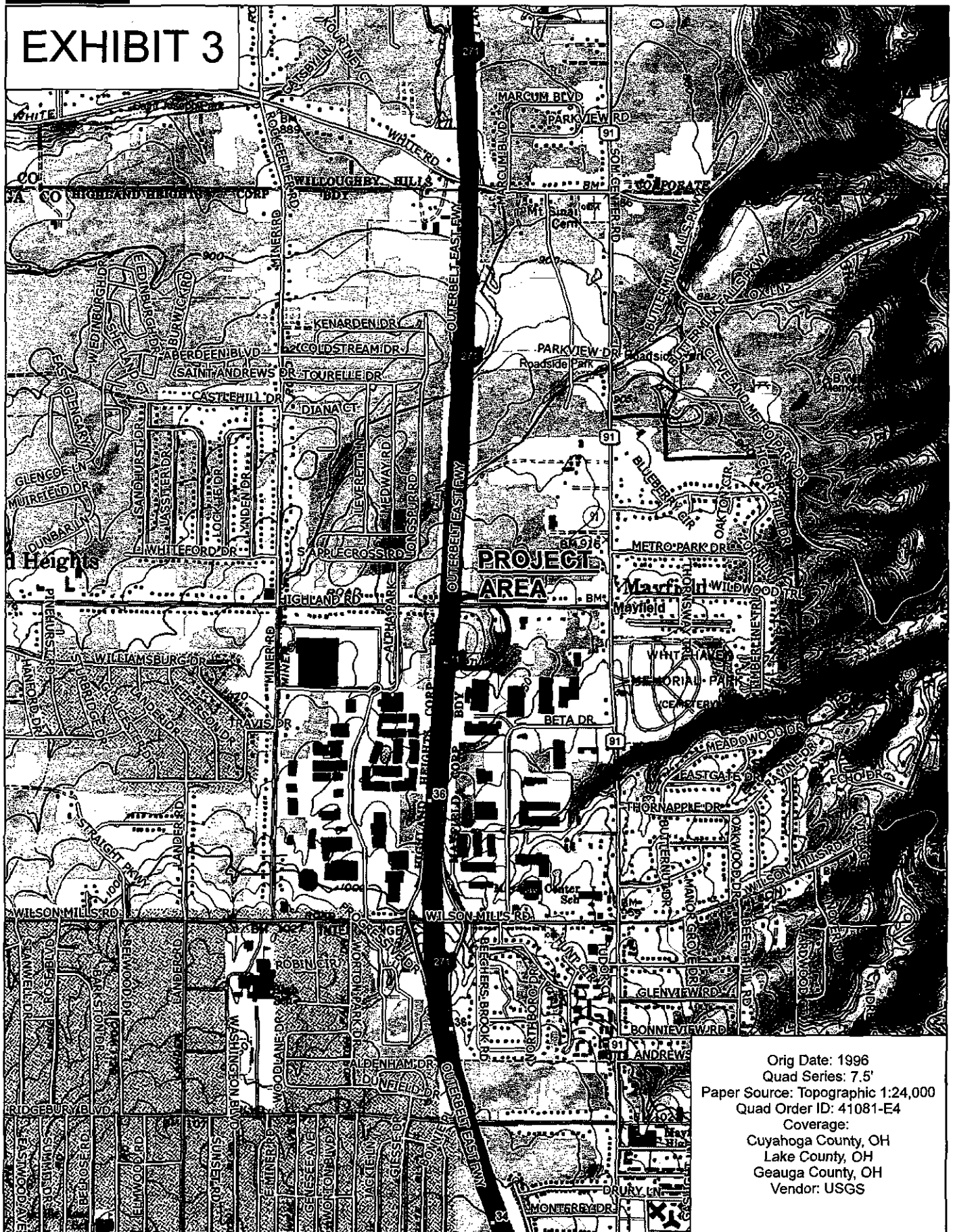
American Transmission Systems, Inc.
www.atsi.com

EASTLAKE-LLOYD (Q-12 & Q-13) 138kV
TRANSMISSION LINE
STRUCTURE REPLACEMENT PROJECT

GENERAL LAYOUT

EXHIBIT 2

EXHIBIT 3

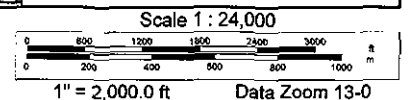
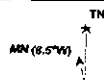


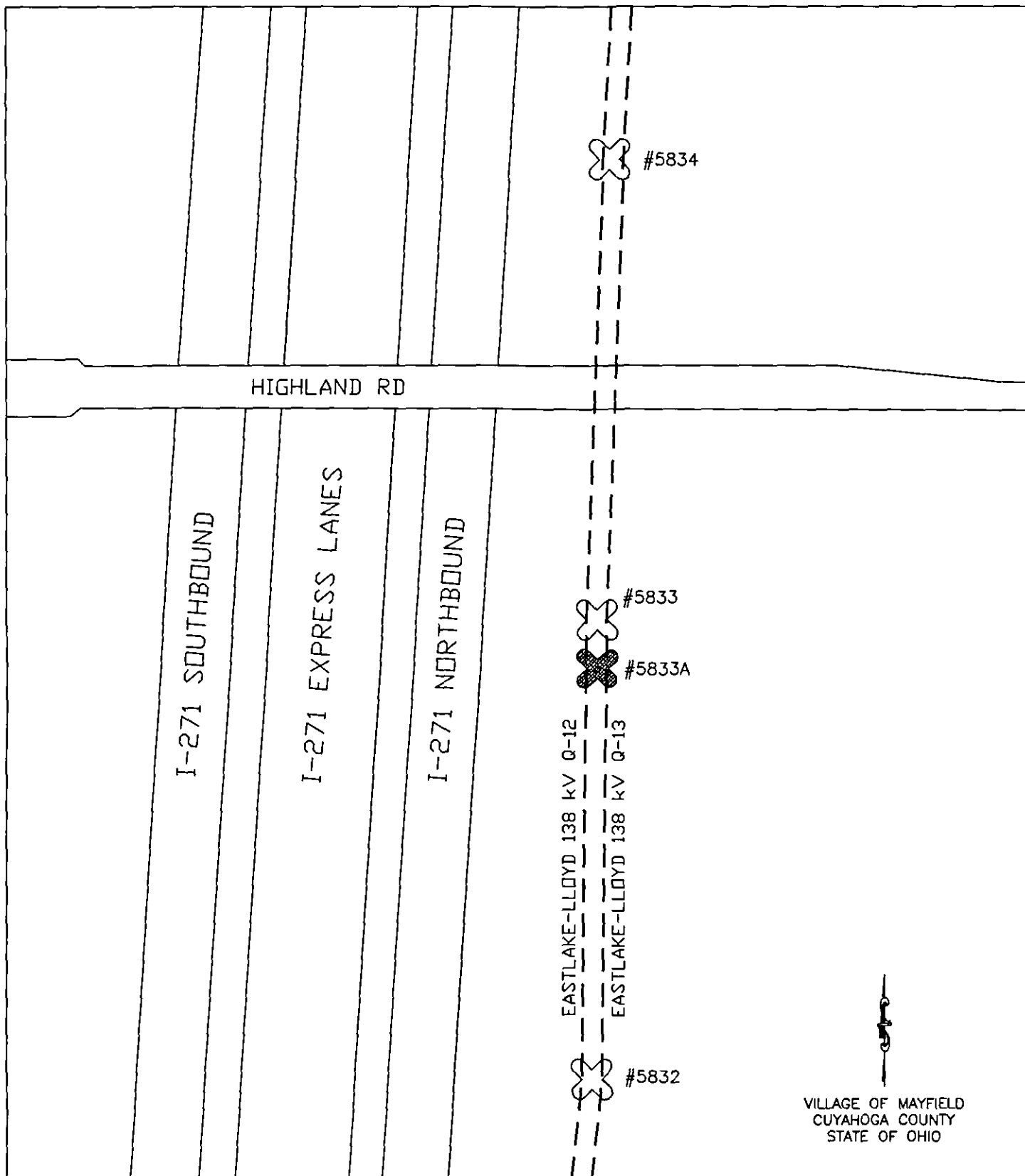
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 Paper Source: Topographic 1:24,000
 Quad Order ID: 41081-E4
 Coverage:
 Cuyahoga County, OH
 Lake County, OH
 Geauga County, OH
 Vendor: USGS

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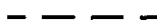
LEGEND



EXISTING STRUCTURE



NEW STRUCTURE



EXISTING TRANSMISSION LINE



EXISTING PAVEMENT

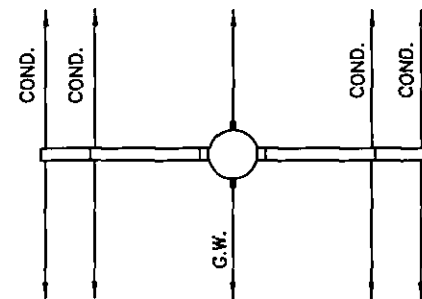
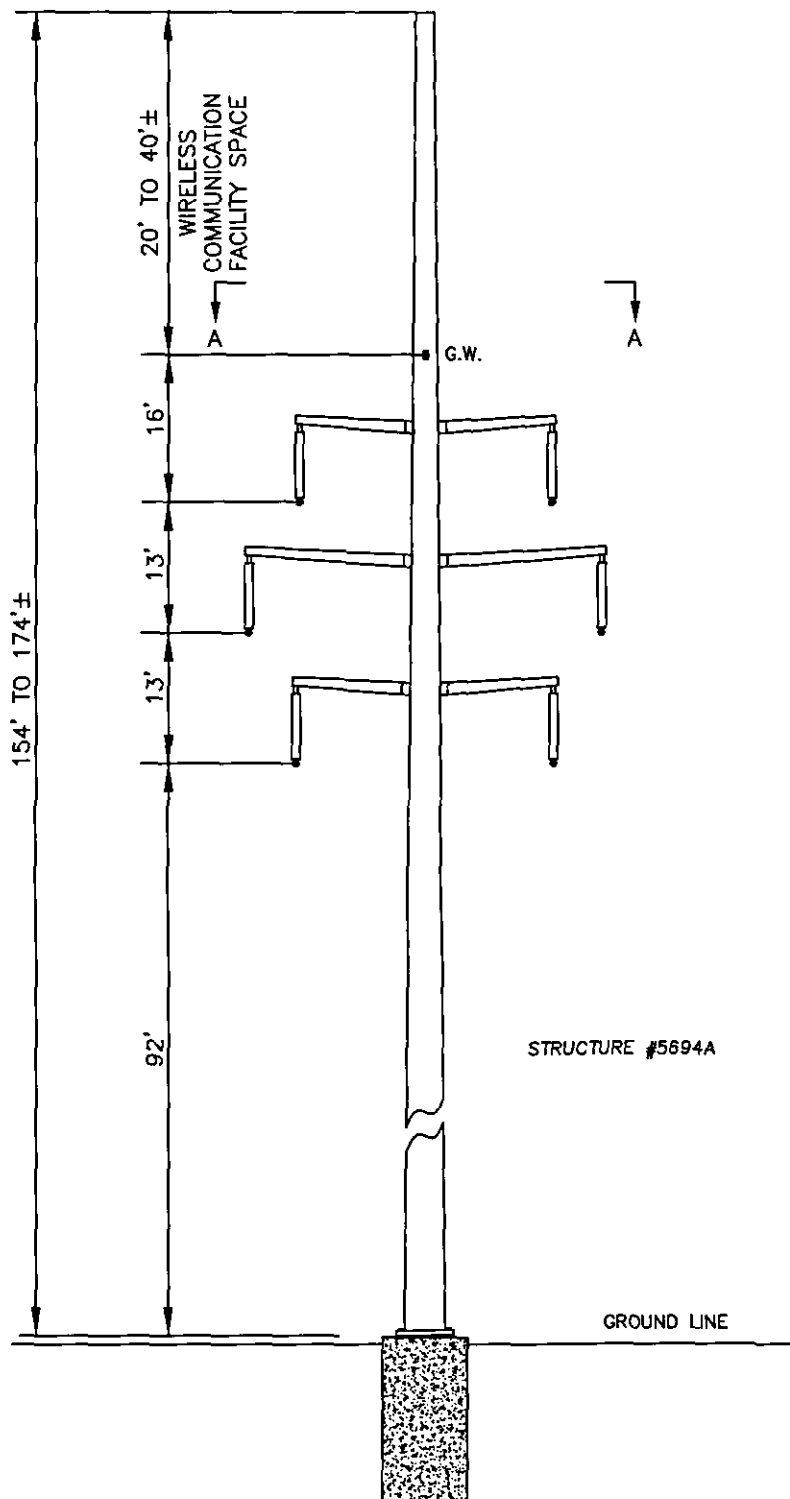
ATSI

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

EASTLAKE-LLOYD (Q-12 & Q-13) 138kV
TRANSMISSION LINE
STRUCTURE REPLACEMENT PROJECT

GENERAL LAYOUT

EXHIBIT 4



** NOT TO SCALE

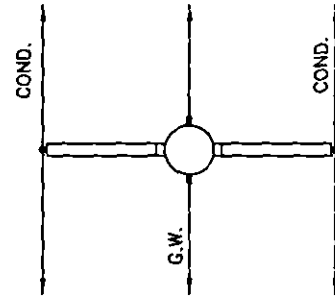
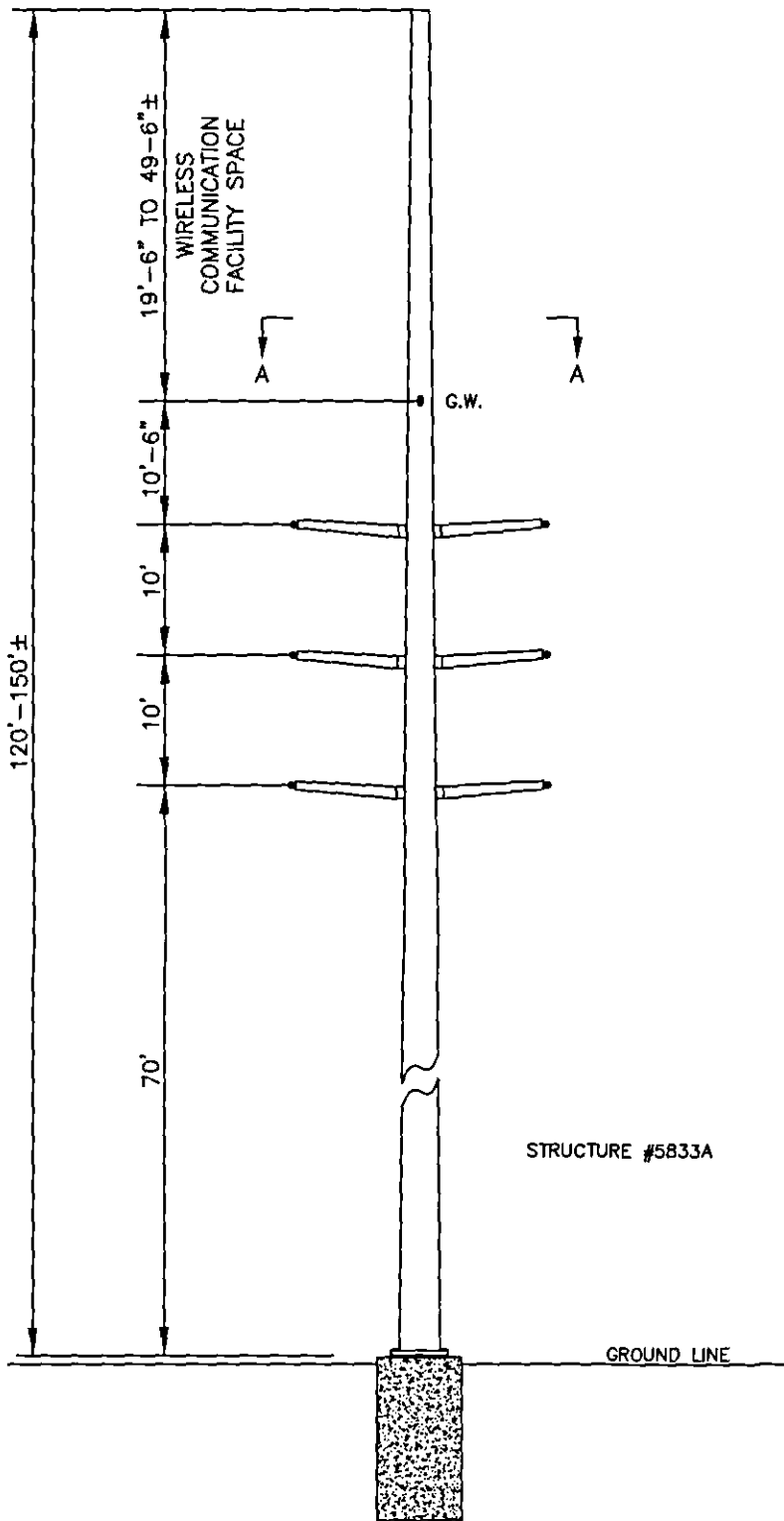
ATSI

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

EASTLAKE-LLOYD Q-12 & Q-13 138 kV
STRUCTURE ADDITION PROJECT

DOUBLE-CIRCUIT TANGENT STEEL MONOPOLE
WITH PORCELAIN INSULATORS & CONCRETE FOUNDATION

EXHIBIT #5



SECTION A-A

** NOT TO SCALE

ATSI

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

EASTLAKE-LLOYD Q-12 & Q-13 138 kV
STRUCTURE ADDITION PROJECT

DOUBLE-CIRCUIT TANGENT STEEL MONOPOLE
WITH POLYMER INSULATORS & CONCRETE FOUNDATION

EXHIBIT #6



Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

Ohio Division of Wildlife

Scott Zody, Chief
2045 Morse Rd., Bldg. G
Columbus, OH 43229-6693
Phone: (614) 265-6300

October 16, 2014

William R Beutler
FirstEnergy Service Company
76 Main Street "A-GO-3"
Akron, OH 44308

Dear Mr. Beutler

After reviewing the Natural Heritage Database, I find the Division of Wildlife has no records of rare or endangered species in the two locations of the East-Lloyd (Q-12 & Q-013) 138 kV Transmission Line Structure Replacement project area, including a one mile radius, in Mayfield and Mayfield Heights, Cuyahoga County, Ohio. We are unaware of any unique ecological sites, geologic features, animal assemblages, scenic rivers, state wildlife areas, nature preserves, parks or forests, national wildlife refuges, parks or forests or other protected natural 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. This letter only represents a review of rare species and natural features data within the Ohio Natural Heritage Database. It does not fulfill coordination under the National Environmental Policy Act (NEPA) or the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S. C. 661 et seq.) and does not supersede or replace the regulatory authority of any local, state or federal agency nor relieve the applicant of the obligation to comply with any local, state or federal laws or regulations.

Please contact me at 614-265-6452 if I can be of further assistance.

Sincerely,

A handwritten signature in cursive script that reads "Greg Schneider".

Greg Schneider, Administrator
Ohio Natural Heritage Database Program