



12-2524-EL-BNR 76 South Main Street
Akron, Ohio 44308

1-800-646-0400

September 13, 2012

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

RECEIVED - DOCKETING DIV
2012 SEP 14 AM 10:23
PUCO

Construction Notice
Black River-Republic Arc 138 kV
Transmission Line Extension Project
Case No. 12- 2524-EL-BNR

Dear Ms. McNeal:

In accordance with Rule 4906-1-11, American Transmission Systems, Incorporated. ("ATSI"), a subsidiary of FirstEnergy Corp., transmits one (1) original and eleven (11) copies of the enclosed Construction Notice. In this project, ATSI is proposing to install one (1) new 138 kV steel pole transmission structure to extend the Black River-Republic Arc 138 kV transmission line to ATSI's interconnection point with Republic Steel. The proposed Project is located on Republic Steel and US Steel's property adjacent to the ATSI's former Edgewater-USS 138 kV Transmission Line. The project is located in the city of Lorain, Lorain County, Ohio.

Please be advised of the following:

a) Name and address of the applicant:

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

b) Name of proposed facilities:

Black River-Republic Arc 138 kV Transmission Line Extension 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 SM Date Processed SEP 14 2012

c) Location of proposed facilities:

The project is located on Republic Steel and US Steel's property adjacent to the ATSI's former Edgewater-USS 138 kV Transmission Line in the city of Lorain, Lorain County, Ohio.

d) Description of proposed facilities:

ATSI is proposing to install a single steel pole with concrete foundation and an approximately 55 foot long 138 kV transmission line extension.

e) Applicant's representative:

Jessica Thacker
Engineer
Energy Delivery Transmission and Substation Design
FirstEnergy Service Company
76 South Main Street
Akron, OH 44308-1890

After docketing this filing, please return one time-stamped copy of the Construction Notice for our records to us in the enclosed envelope. We have provided a copy of this Construction Notice by certified mail, with return receipt requested, to officials 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 Lorain, and to Lorain 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) 384-5955.

Sincerely,



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

Attachments

EXHIBIT 1
Officials Served Copy of Construction Notice
Black River-Republic Arc 138 kV Transmission Line Extension Project
Case No. 12- -EL-BNR

City of Lorain

The Honorable Chase Ritenauer
Mayor, City of Lorain
200 West Erie Avenue
Lorain, OH 44052

Mr. Richard Klinar
Planning/Zoning Officer
City of Lorain Planning Commission
200 West Erie Avenue
Lorain, OH 44052

The Honorable Joel Arrendondo
Council President, City of Lorain
200 West Erie Avenue
Lorain, OH 44052

Mr. Dale Vandersommen
Lorain City Department of Engineering
200 West Erie Avenue
Lorain, OH 44052

Ms. Nancy Greer
Council Clerk,
City of Lorain
200 West Erie Avenue
Lorain, OH 44052

Lorain County

The Honorable Lori Kokoski
Lorain County Commissioner
226 Middle Avenue, 4th Floor
Elyria, Ohio 44035

The Honorable Tom Williams
Lorain County Commissioner
226 Middle Avenue, 4th Floor
Elyria, Ohio 44035

The Honorable Ted Kalo
Lorain County Commissioner
226 Middle Avenue, 4th Floor
Elyria, Ohio 44035

Mr. Ken Carney, P.E., P.S.
Lorain County Engineer
247 Hadaway Street
Elyria, Ohio 44035

Mr. James Cordes
Lorain County Administrator
226 Middle Avenue
Elyria, Ohio 44035

Mr. Don Romancak, Director
Lorain County Community
Development Department
226 Middle Avenue, 5th Floor
Elyria, Ohio 44035

September 13, 2012

The Honorable Lori A. Kokoski
Lorain County Commissioner
226 Middle Avenue
Elyria, OH 44035

Construction Notice
Black River-Republic Arc 138 kV
Transmission Line Extension Project
Case No. 12- -EL-BNR

Dear Commissioner Kokoski,

In the above captioned project, American Transmission Systems, Incorporated. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new 138 kV steel pole transmission structure to extend the Black River-Republic Arc 138 kV transmission line to ATSI's interconnection point with Republic Steel. The proposed Project is located on Republic Steel and US Steel's property adjacent to the ATSI's former Edgewater-USS 138 kV Transmission Line. The project is located in the city of Lorain, Lorain 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 Construction Notice. Therefore, in compliance with OAC 4906-11-02 of the OPSB's Rules and Regulations, we have prepared and filed the attached Construction Notice with the OPSB for their review and approval. The Construction Notice contains a description of the Project and is provided for your information.

I'll be glad to answer any question concerning this matter. You can contact me at (330) 384-5955.

Sincerely,



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

Attachment

September 13, 2012

The Honorable Ted Kalo
Lorain County Commissioner
226 Middle Avenue
Elyria, OH 44035

Construction Notice
Black River-Republic Arc 138 kV
Transmission Line Extension Project
Case No. 12- EL-BNR

Dear Commissioner Kalo,

In the above captioned project, American Transmission Systems, Incorporated. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new 138 kV steel pole transmission structure to extend the Black River-Republic Arc 138 kV transmission line to ATSI's interconnection point with Republic Steel. The proposed Project is located on Republic Steel and US Steel's property adjacent to the ATSI's former Edgewater-USS 138 kV Transmission Line. The project is located in the city of Lorain, Lorain County, Ohio.

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Sincerely,



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

Attachment

September 13, 2012

The Honorable Tom Williams
Lorain County Commissioner
226 Middle Avenue
Elyria, OH 44035

Construction Notice
Black River-Republic Arc 138 kV
Transmission Line Extension Project
Case No. 12- EL-BNR

Dear Commissioner Williams,

In the above captioned project, American Transmission Systems, Incorporated. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new 138 kV steel pole transmission structure to extend the Black River-Republic Arc 138 kV transmission line to ATSI's interconnection point with Republic Steel. The proposed Project is located on Republic Steel and US Steel's property adjacent to the ATSI's former Edgewater-USS 138 kV Transmission Line. The project is located in the city of Lorain, Lorain County, Ohio.

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I'll be glad to answer any question concerning this matter. You can contact me at (330) 384-5955.

Sincerely,



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

Attachment

September 13, 2012

Mr. Kenneth P. Carney, P.E., P.S.
Lorain County Engineer
274 Hadaway St.
Elyria, OH 44035

Construction Notice
Black River-Republic Arc 138 kV
Transmission Line Extension Project
Case No. 12- -EL-BNR

Dear Mr. Carney,

In the above captioned project, American Transmission Systems, Incorporated. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new 138 kV steel pole transmission structure to extend the Black River-Republic Arc 138 kV transmission line to ATSI's interconnection point with Republic Steel. The proposed Project is located on Republic Steel and US Steel's property adjacent to the ATSI's former Edgewater-USS 138 kV Transmission Line. The project is located in the city of Lorain, Lorain County, Ohio.

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Sincerely,



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

Attachment

September 13, 2012

The Honorable Chase Ritenauer
Mayor, City of Lorain
200 West Erie Avenue
Lorain, OH 44052

Construction Notice
Black River-Republic Arc 138 kV
Transmission Line Extension Project
Case No. 12- -EL-BNR

Dear Mayor Ritenauer,

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Sincerely,



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

Attachment

September 13, 2012

The Honorable Joel Arrendondo
Council President,
City of Lorain
200 West Erie Avenue
Lorain, OH 44052

Construction Notice
Black River-Republic Arc 138 kV
Transmission Line Extension Project
Case No. 12- -EL-BNR

Dear Mr. Arrendondo,

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Sincerely,



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

Attachment

September 13, 2012

Ms. Nancy Greer
Council Clerk,
City of Lorain
200 West Erie Avenue
Lorain, OH 44052

Construction Notice
Black River-Republic Arc 138 kV
Transmission Line Extension Project
Case No. 12- EL-BNR

Dear Ms. Greer,

In the above captioned project, American Transmission Systems, Incorporated. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new 138 kV steel pole transmission structure to extend the Black River-Republic Arc 138 kV transmission line to ATSI's interconnection point with Republic Steel. The proposed Project is located on Republic Steel and US Steel's property adjacent to the ATSI's former Edgewater-USS 138 kV Transmission Line. The project is located in the city of Lorain, Lorain County, Ohio.

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Sincerely,



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

Attachment

September 13, 2012

Mr. Richard Klinar
Planning/Zoning Officer
City of Lorain Planning Commission
200 West Erie Avenue
Lorain, OH 44052

Construction Notice
Black River-Republic Arc 138 kV
Transmission Line Extension Project
Case No. 12- -EL-BNR

Dear Mr. Klinar,

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I'll be glad to answer any question concerning this matter. You can contact me at (330) 384-5955.

Sincerely,



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

Attachment

September 13, 2012

Mr. Dale Vandersommen
Lorain City Department of Engineering
200 West Erie Avenue
Lorain, OH 44052

Construction Notice
Black River-Republic Arc 138 kV
Transmission Line Extension Project
Case No. 12- -EL-BNR

Dear Mr. Vandersommen,

In the above captioned project, American Transmission Systems, Incorporated. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new 138 kV steel pole transmission structure to extend the Black River-Republic Arc 138 kV transmission line to ATSI's interconnection point with Republic Steel. The proposed Project is located on Republic Steel and US Steel's property adjacent to the ATSI's former Edgewater-USS 138 kV Transmission Line. The project is located in the city of Lorain, Lorain County, Ohio.

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I'll be glad to answer any question concerning this matter. You can contact me at (330) 384-5955.

Sincerely,



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

Attachment

September 13, 2012

Mr. James Cordes
Lorain County Administrator
226 Middle Avenue
Elyria, Ohio 44035

Construction Notice
Black River-Republic Arc 138 kV
Transmission Line Extension Project
Case No. 12- -EL-BNR

Dear Mr. Cordes,

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Sincerely,



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

Attachment

September 13, 2012

Mr. Don Romancak, Director
Lorain County Community
Development Department
226 Middle Avenue, 5th Floor
Elyria, Ohio 44035

Construction Notice
Black River-Republic Arc 138 kV
Transmission Line Extension Project
Case No. 12- -EL-BNR

Dear Mr. Romancak,

In the above captioned project, American Transmission Systems, Incorporated. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install one (1) new 138 kV steel pole transmission structure to extend the Black River-Republic Arc 138 kV transmission line to ATSI's interconnection point with Republic Steel. The proposed Project is located on Republic Steel and US Steel's property adjacent to the ATSI's former Edgewater-USS 138 kV Transmission Line. The project is located in the city of Lorain, Lorain County, Ohio.

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I'll be glad to answer any question concerning this matter. You can contact me at (330) 384-5955.

Sincerely,



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

Attachment

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

CONSTRUCTION NOTICE

**BLACK RIVER-REPUBLIC ARC
138 kV TRANSMISSION LINE
EXTENSION PROJECT**

OPSB CASE NO. 12-2524-EL-BNR

September 13, 2012

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

an effort to minimize confusion. In the area of the Project, the existing Black River-Vine 138 kV is located on the north side of existing steel towers that also support the Johnson-USS 138 kV Transmission Line. Based on the completion of the other projects, the name of the Johnson-USS 138 kV Transmission Line will become the Black River-Vine 138 kV Transmission Line.

The general location of the proposed Project is shown in Exhibit 1, which is a partial copy of the United States Geologic Survey, Lorain County, Ohio, Map ID 41082-D2. The general layout of the proposed Project is shown in Exhibit 2. The general details of the new 138 kV steel pole transmission structure that will be designed to support two transmission lines is shown in Exhibit 3.

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 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.

The proposed Project includes installing approximately 55 feet (0.01 mile) of 138 kV transmission line.

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

The customer, Republic Steel, is building a new substation and has requested to connect to ATSI's facilities at this location. The proposed Project is needed to supply power for Republic Steel's melt shop. As such, it will connect the Republic Steel 138

kV Melt Shop Transmission Line and ultimately Republic's Melt Shop Switchyard to ATSI's transmission system.

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

Construction on the proposed Project is proposed to begin as early as October 15, 2012. Construction on the proposed Project is expected to be completed by January 1, 2013.

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

The following is the estimated capital cost for the Project:

Estimated Cost	\$ 1,000,000
----------------	--------------

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

The Black River-Republic Arc 138 kV Transmission Line Extension Project will be designed for 138 kV operation. The extension will not change the operating characteristics of the existing transmission line that will continue to be operated and maintained for 138 kV operations.

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

Exhibit No. 1 depicts the general location of the project site. This exhibit provides a partial copy of the United States Geologic Survey, Lorain County, Ohio Quad Map ID 41082-D2. To locate and view the project site from Columbus, Ohio, travel north on Interstate 71 N approximately 87 miles and take exit 196 for OH-301 toward W Salem. Turn left onto OH-301 N/Elyria Rd and proceed approximately 6.6 miles. Take the first right onto OH-301 N/Spencer Rd and continue to follow OH-301 N for a approximately 20 miles. Continue onto Lagrange Rd and go approximately 1.4 miles, then continue onto Oberlin Elyria Rd approximately 0.7 miles. Turn left onto West Ave and go 1.5 miles then continue onto Lake Ave for 0.4 miles. Turn right onto Lorain Blvd and go approximately 3.5 miles. Continue onto Grove Ave, go 1.5 miles then turn left onto E 28th St. Go 1.3 miles and the Project area will be on the right (north) side of the road.

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

The Black River-Republic Arc 138 kV Transmission Line Extension Project is located on Republic Steel property and US Steel property. ATSI anticipates that easements will be granted without significant difficulty on both properties prior to constructing the Project.

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

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

City of Lorain

The Honorable Chase Ritenauer
Mayor, City of Lorain
200 West Erie Avenue
Lorain, OH 44052

Mr. Richard Klinar
Planning/Zoning Officer
City of Lorain Planning Commission
200 West Erie Avenue
Lorain, OH 44052

The Honorable Joel Arrendondo
Council President, City of Lorain
200 West Erie Avenue
Lorain, OH 44052

Mr. Dale Vandersommen
Lorain City Department of Engineering
200 West Erie Avenue
Lorain, OH 44052

Ms. Nancy Greer
Council Clerk,
City of Lorain
200 West Erie Avenue
Lorain, OH 44052

Lorain County

The Honorable Lori Kokoski
Lorain County Commissioner
226 Middle Avenue, 4th Floor
Elyria, Ohio 44035

The Honorable Tom Williams
Lorain County Commissioner
226 Middle Avenue, 4th Floor
Elyria, Ohio 44035

The Honorable Ted Kalo
Lorain County Commissioner
226 Middle Avenue, 4th Floor
Elyria, Ohio 44035

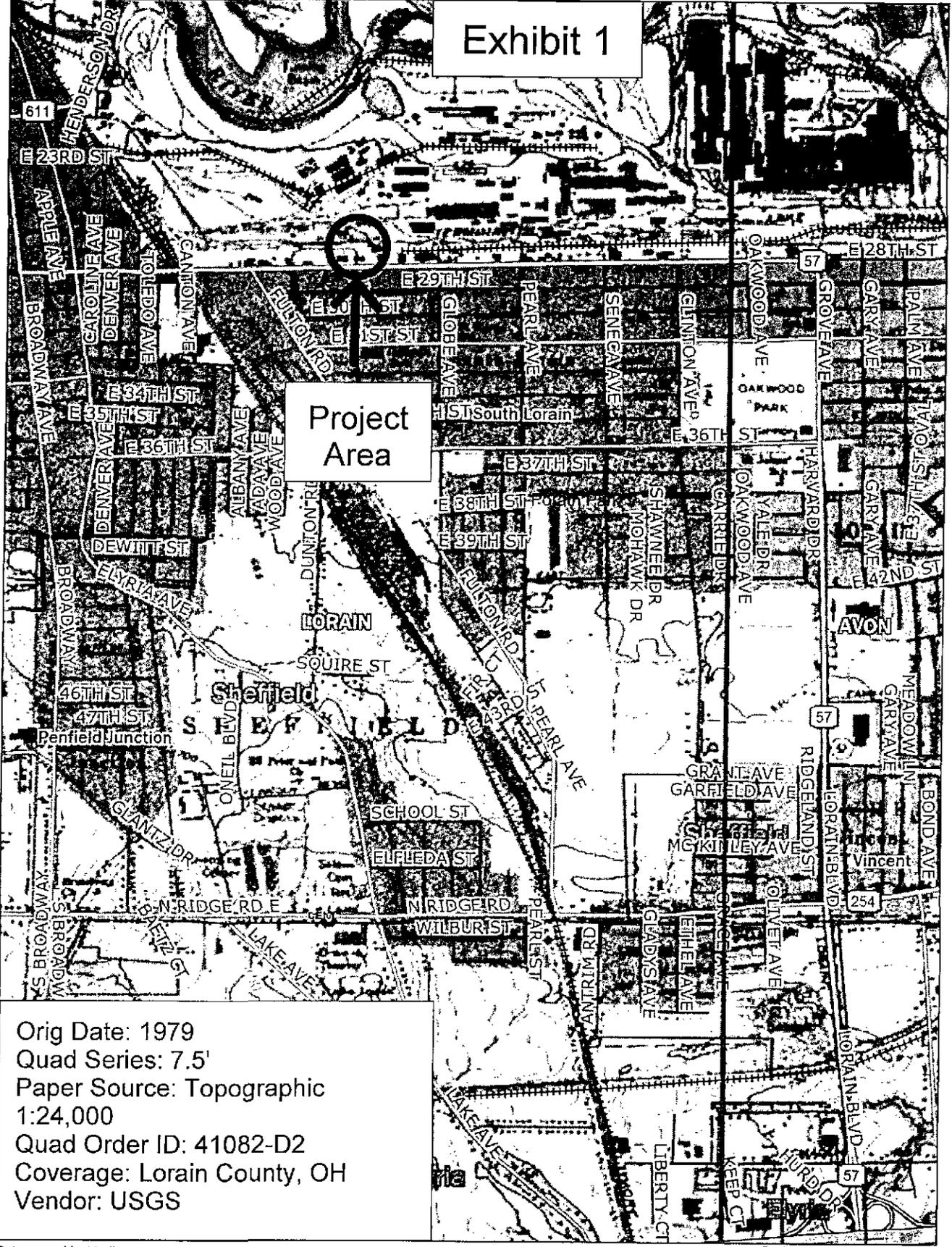
Mr. Ken Carney, P.E., P.S.
Lorain County Engineer
247 Hadaway Street
Elyria, Ohio 44035

Mr. James Cordes
Lorain County Administrator
226 Middle Avenue
Elyria, Ohio 44035

Mr. Don Romancak, Director
Lorain County Community
Development Department
226 Middle Avenue, 5th Floor
Elyria, Ohio 44035

Exhibit 1

Project Area

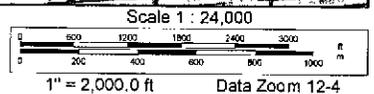


Orig Date: 1979
 Quad Series: 7.5'
 Paper Source: Topographic
 1:24,000
 Quad Order ID: 41082-D2
 Coverage: Lorain County, OH
 Vendor: USGS

Data use subject to license.

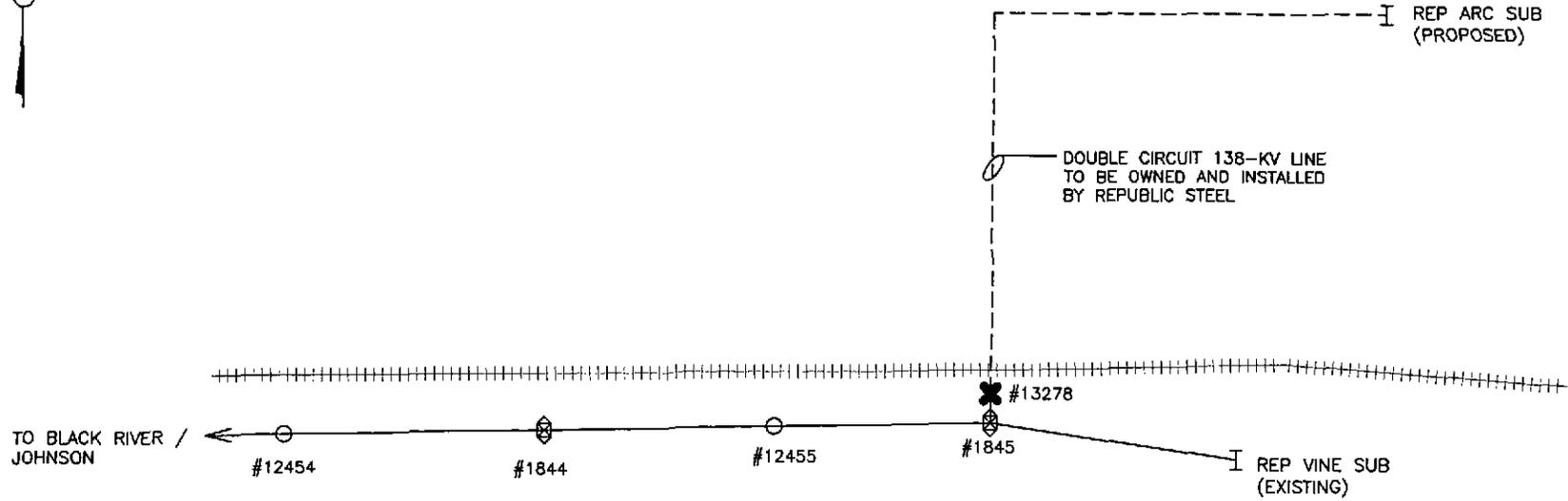
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CITY OF LORAIN
LORAIN CO.
STATE OF OH



LEGEND

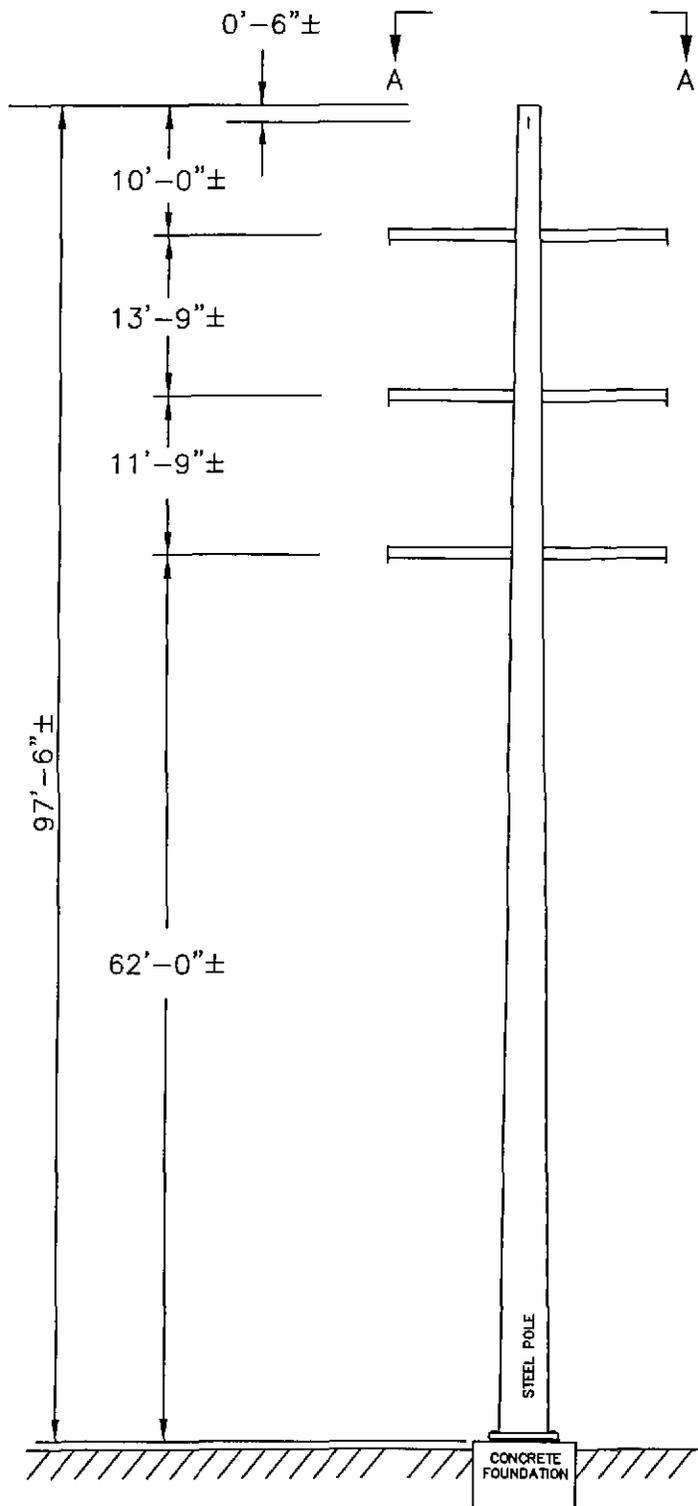
- X** PROPOSED TRANSMISSION POLE
- O** EXISTING TRANSMISSION POLE TO REMAIN
- ⊗** EXISTING TOWER
- EXISTING TRANSMISSION LINE TO REMAIN
- - - PROPOSED TRANSMISSION LINE TO BE OWNED AND INSTALLED BY REPUBLIC STEEL



BLACK RIVER-REPUBLIC ARC
138 kV TRANSMISSION LINE
EXTENSION PROJECT

GENERAL LAYOUT

EXHIBIT 2



ATSI®

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

BLACK RIVER-REPUBLIC ARC
138 kV TRANSMISSION LINE
EXTENSION PROJECT

STEEL POLE STRUCTURE

EXHIBIT 3