

FILE

9

September 5, 2012

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2012 SEP -5 PM 5: 25

Kim Wissman
Executive Director Ohio Power Siting Board
The Public Utilities Commission of Ohio
180 East Broad Street
Columbus, Ohio 43215-3793

PUCO

Construction Notice
Republic Steel 138 kV Transmission Line
New Installation Project
Case No. 12-2453-EL-BNR

Dear Ms. Wissman

In accordance with Rule 4906-1-11, Republic Steel transmits one (1) original and ten (10) copies of the enclosed Construction Notice. In this project, Republic Steel is proposing to install a 138 kV connection to First Energy's transmission system. The length of this line is approximately 907 feet in length. This connection will consist of a single wood pole (T1), a steel corner structure with a concrete foundation (T2), a single wood pole (T3), a steel vertical line dead end structure with a concrete foundation (T4) and a steel horizontal dead end structure with concrete foundations (T5). The connection begins at a First Energy dead end structure near their tower 1845 and ends in Republic's Melt Shop Switchyard. The project is located on the Republic Steel property near the intersection of Vine Street and East 28th Street in the city of Lorain, Lorain County, Ohio and in accordance with the boards rules we have enclosed a check in the amount of \$2000 for expedited treatment of this filing.

Please be advised of the following:

a. Name and address of the applicant:

Republic Steel
2633 Eighth Street NE
Canton, Ohio 44704-2311

b. Name of proposed facilities:

Republic Steel 138 kV Melt Shop Transmission Line

c. Location of proposed facilities:

This project is located at the Lorain Hot Rolled Bar Plant at 1807 East 28th Street in Lorain, Ohio 44055-1883

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 Sus Date Processed 9/6/12

d. Description of proposed facilities:

A 138 kV transmission line for connection to First Energy's 138 kV transmission system. The installed length of the transmission line is approximately 907 feet. This connection will consist of a single wood pole (T1), a steel corner structure with a concrete foundation (T2), a single wood pole (T3), a steel vertical line dead end structure with a concrete foundation (T4) and a steel horizontal dead end structure with concrete foundation (T5). The connection begins at a First Energy dead end structure near their tower 1845 and ends in Republic's Melt Shop Switchyard.

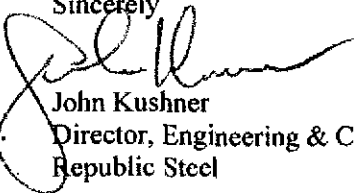
e. Applicant's representative:

John Kushner, RSC
Lorain Hot Rolled Bar Plant
1807 East 28th Street
Lorain, Ohio 44055-1883

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 subdivision immediately affected by the proposed project as listed in the attached Exhibit No. 4. 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 (440)-346-0156.

Sincerely



John Kushner
Director, Engineering & Continuous Improvement
Republic Steel

REPUBLIC STEEL

CONSTRUCTION NOTICE
REPUBLIC STEEL, INC. 138 kV MELT SHOP
TRANSMISSION LINE
CASE No. 12-2453-EL-BNR

SEPTEMBER 5, 2012

RECEIVED-DOCKETING DIV
2012 SEP -5 PM 5:26
PUCO

Republic Steel
2633 Eighth Street NE
Canton, Ohio 44704-2311

Construction Notice
Republic Steel 138 kV Melt Shop Transmission Line

The following information is being provided in accordance with the procedures delineated in Ohio Administrative Code Section 4906-11-02: Construction Notice Requirements of the Rules and Regulations of the Ohio Power Siting Board.

4906-11-02 (B): Need Statement

4906-11-02 (B)(1) a: Name of the Project

Name of Project: Republic Steel 138 kV Melt Shop Transmission Line

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

The purpose of the this project is to supply 138 kV power to the melt shop switch yard located on the Republic Steel property in the city of Lorain, Ohio. This transmission line will form a loop in the First Energy transmission line by tapping the First Energy line at a First Energy dead end tower near their tower 1845. The structures utilized for the transmission line are a single wood pole (T1), a steel corner structure with concrete foundations (T2), a single wood pole (T3), a steel vertical line dead end structure with concrete foundations (T4), and steel horizontal structures with concrete foundations. Both lines forming the loop are supported on the same structures. Each side of the loop has three (3) 795 Kcmil ASCR overhead conductors and the two side share a static wire. The general location of the project is showing Exhibit No 1, which is from the United States Geologic Survey National Map. The general layout of the project is shown in Exhibit No 2.

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

The proposed project is needed to supply power for the new Republic Steel melt shop, which will require approximately 400 new employees.

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

Construction on the project is expected to start as early as September 10, 2012 and is expected to be complete by May 1, 2013.

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

The estimated capital cost for the project is \$2,000,000.00.

4906-11-12(B)(2) b: Why the Project Meets the Requirements for a Construction Notice

The lines are operating at 138 kV nominal voltage and are less than 0.2 miles in length. The total length is 907 feet. This 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 Chapter 4906-1-01 of the Ohio Administrative Code.

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

Under normal operating conditions the loop will be energized bringing 138 kV power to Republic's Melt Shop Switchyard. First Energy will have control over the operation of the loop. This connection will consist of a single wood pole (T1), a steel corner structure with a concrete foundation (T2), a single wood pole (T3), a steel vertical line dead end structure with a concrete foundation (T4) and a steel horizontal dead end structure with concrete foundations (T5). The loop is on Republic Steel property and has a designated twenty (20) foot clearance.

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

Exhibit No. 1 depicts the general location of the project site.

To locate and view the project site from Columbus, Ohio, travel north on I-71 for approximately 124 miles and take exit 233 for I-80 toward Youngstown/Toledo. Keep right at the fork to continue toward I-80 W and merge onto I-80 W and proceed approximately 16.1 miles. Take exit 145 to merge onto Lorain Boulevard/OH-57 N toward Lorain and continue to follow OH-57 N for approximately 4.4 miles. Turn left at E 28th Street and go 2.3 miles. Check in at the Republic Steel office.

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

All construction for the project is on Republic Steel property and does not require easements, options, or land use agreements.

4906-11-01(C): Documentation of Construction Notice Transmittal

This construction notice is being provided to those officials listed on Exhibit No 4.

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.

The National Map

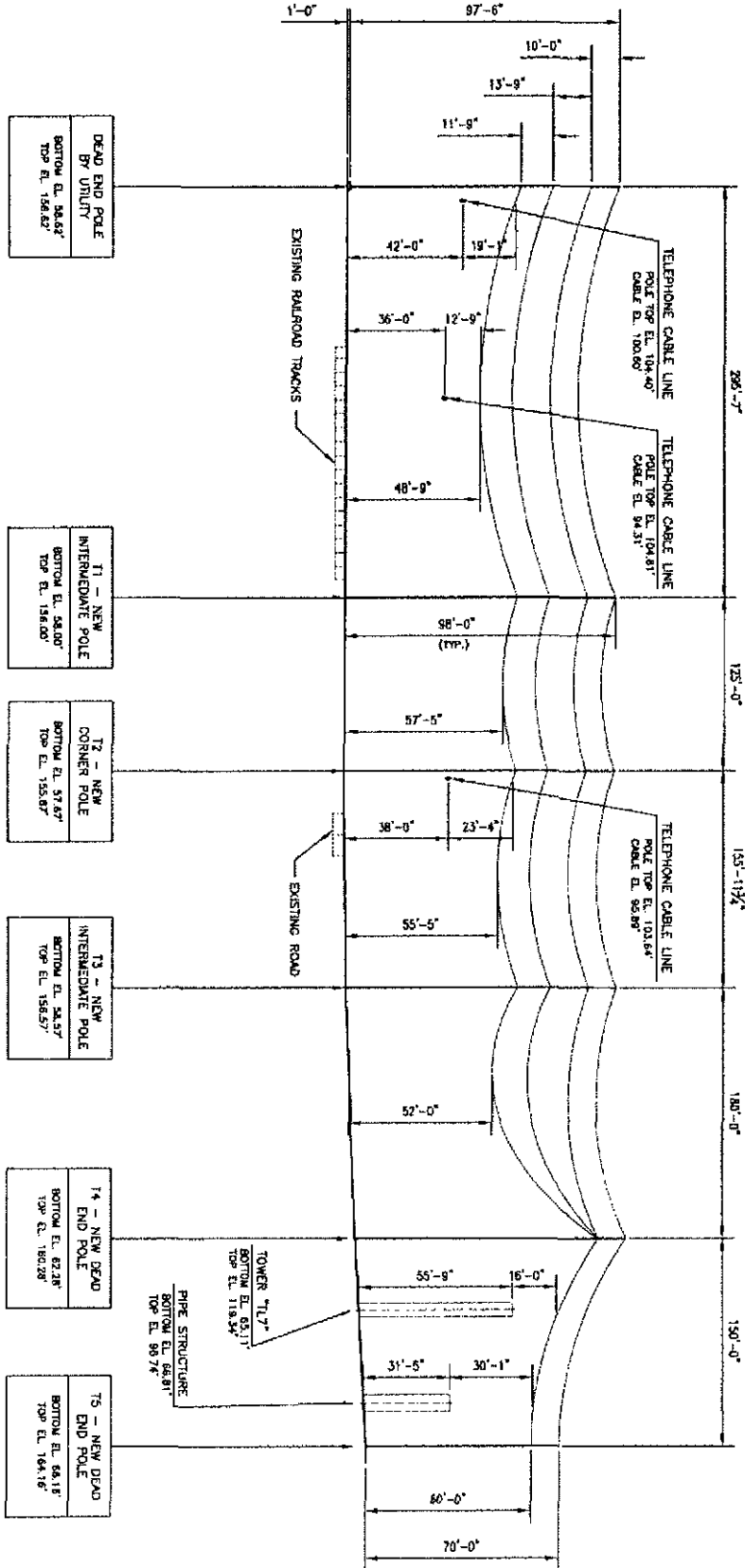
NOTES: Data available from U.S. Geological Survey, National Geospatial Program



EXHIBIT 1

EXHIBIT 3

PROFILE



NOTES:
HORIZONTAL SCALE - 1"=40'-0"
VERTICAL SCALE - 1"=20'-0"

EXHIBIT 4

Republic Steel, Inc 138KV Transmission Line Project

Lorain County

The Honorable Ted Kalo
Lorain County Commissioner
226 Middle Avenue – Fourth Floor
Elyria, Ohio 44035

The Honorable Lori A Kokoski
Lorain County Commissioner
226 Middle Avenue – Fourth Floor
Elyria, Ohio 44035

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

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

Mr. Kenneth P. Carney, P.E., P.S.
Lorain County Engineer
226 Middle Avenue
Elyria, Ohio 44035

City of Lorain

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

The Honorable, Joel Arredondo
Council President
City of Lorain
200 West Erie Avenue
Lorain, Ohio 44052

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

Mr. Richard Klinar
Planning/ Zoning Officer
City of Lorain Chief Building Official
and Acting Planning/ Zoning Officer
200 West Erie Avenue
Lorain, Ohio 44052

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