

February 6, 2014

Ms. Barcy F. McNeal, Secretary
Docketing Division
Public Utilities Commission of Ohio
180 E. Broad Street
Columbus, OH 43215

Construction Notice
Cloverdale – Harmon #2 69 kV Transmission Line Project
Ohio Power Siting Board Case No. 14-0108-EL-BNR

Dear Ms. McNeal:

In accordance with Rule 4906-11-01 of the Ohio Administrative Code, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy company, is electronically filing the enclosed Construction Notice.

The Cloverdale – Harmon #2 69 kV Transmission Line is a new transmission line that will be installed adjacent to, and within, an existing transmission line corridor between the existing Cloverdale Substation and the Harmon Substation. The Harmon Substation is currently being constructed. In the Construction Notice for the Cloverdale – Harmon #2 69 kV Transmission Line Project (“Project”), ATSI is proposing to design a portion of the Cloverdale – Harmon #2 69 kV Transmission Line to a 138 kV operation design capacity. The proposed Project applies to an approximately 3.4-mile-long portion of the Cloverdale – Harmon #2 69 kV Transmission Line that, if the Project is approved and constructed, is located on the same structures as the Burger – Cloverdale #1 138 kV Transmission Line. The Project is located between the existing Cloverdale Substation and the new Harmon Substation in the City of Massillon and Bethlehem and Perry townships in Stark 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:

Cloverdale – Harmon #2 69 kV Transmission Line

c) Location of proposed facilities:

The Project commences off of Elton Street SW adjacent to the Harmon Substation site located behind an agricultural field in Bethlehem Township, Stark County, Ohio, and continues north for approximately 3.4 miles along existing ROW and terminates

approximately 0.5 miles south of the existing Cloverdale Substation, in the City of Massillon, Stark County, Ohio.

d) Description of proposed facilities:

In this Project, ATSI is proposing to design and upgrade a portion of the Cloverdale-Harmon #2 69 kV Transmission Line to 138 kV operation design capacity. The proposed Project applies to an approximately 3.4-mile-long portion of the Cloverdale – Harmon #2 69 kV Transmission Line that, if the Project is approved and constructed, is located on the same structures as the Burger – Cloverdale #1 138 kV Transmission Line.

The Burger – Cloverdale #1 138 kV Transmission Line structures were previously approved to be rebuilt by the Board as part of the South Canton – Star 345 kV and Burger – Cloverdale #1, #2 and #3 138 kV Transmission Line extensions to and installation of the Harmon Substation Project (approved by the Board in Case No. 12-1138-EL-BLN). As the Board has jurisdiction of transmission lines that operate at or above 125 kV, the Cloverdale – Harmon #2 69 kV Transmission Line was not described in the Letter of Notification.

As part of final engineering design of the new rebuilt Burger – Cloverdale #1 138 kV Transmission Line structures, it was determined that it was advantageous from a structural design perspective to install both the Burger – Cloverdale #1 138 kV Transmission Line and the Cloverdale – Harmon #2 69 kV Transmission Line with 138 kV insulators, associated hardware and 138 kV phase spacing. As the Cloverdale – Harmon #2 69 kV Transmission Line could be operated under certain circumstances at 138kV following the Project, the Board may have jurisdiction over the Project. The Project does not change in any way the structures approved in Case No. 12-1138-EL-BLN.

e) Applicant's representative:

Ted Krauss, Manager Siting, Survey and Right-of-way
FirstEnergy Service Company
76 South Main Street
Akron, Ohio 44308

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. Copies of the transmittal letters addressed to the local government representatives are enclosed for your file. Should the Ohio Power Siting Board desire further information or discussion of this submittal, please contact me at (330) 761-4268.

Sincerely,



Ted Krauss
Manager Siting, Survey and Right-of-way
FirstEnergy Service Company

Attachments

AMERICAN TRANSMISSION SYSTEMS, INCORPORATED

**CONSTRUCTION NOTICE
CLOVERDALE – HARMON #2 69 KV
TRANSMISSION LINE PROJECT
OPSB CASE NO. 14-0108-EL-BNR**

FEBRUARY 6, 2014

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

CONSTRUCTION NOTICE
CLOVERDALE – HARMON #2 69 kV TRANSMISSION LINE PROJECT
OPSB Case Number 14-0108-EL-BNR

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): Information Requirements

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

Name of Project: Cloverdale – Harmon #2 69 kV Transmission Line Project

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

In the Cloverdale – Harmon #2 69 kV Transmission Line Project (“Project”), American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy company, is proposing to design and install a portion of the Cloverdale – Harmon #2 69 kV Transmission Line to a 138 kV operation design capacity. The Cloverdale – Harmon #2 69 kV Transmission Line is a new transmission line that will be installed adjacent to and within an existing transmission line corridor between the existing Cloverdale Substation and the Harmon Substation that is currently being constructed. Beginning at Cloverdale Substation, the Cloverdale – Harmon #2 69 kV Transmission Line will extend southerly along new poles designed for 69 kV operation. Approximately 0.5 miles south of Cloverdale Substation (at the approximate location of existing structure 3568) and continuing southerly for approximately 3.4 miles (at the approximate location of existing structure 3547, located east of Harmon Substation), the Cloverdale – Harmon #2 69 kV Transmission Line is planned to be installed on the same structures that are being rebuilt to support the Burger – Cloverdale #1 138 kV Transmission Line. The remaining portion of the Cloverdale – Harmon #2 69 kV Transmission Line trends westerly for approximately 700 feet along new poles designed for 69 kV operation to the southern side of the Harmon Substation.

The Project proposed in this Construction Notice is the approximately 3.4-mile-long portion of the Cloverdale – Harmon #2 69 kV Transmission Line that is planned to be

installed on the same structures that are being rebuilt to support the Burger – Cloverdale #1 138 kV Transmission Line. The rebuilding of the Burger – Cloverdale #1 138 kV Transmission Line structures was approved by the Board as part of the South Canton – Star 345 kV and Burger – Cloverdale #1, #2 and #3 138 kV Transmission Line extensions to, and installation of, the Harmon Substation Project (approved by the Board in Case No. 12-1138-EL-BLN). As the Board has jurisdiction of transmission lines that operate at or above 125 kV, the Cloverdale – Harmon #2 69 kV Transmission Line was not described in detail in the Letter of Notification submitted in Case No. 12-1138-EL-BLN, but is partially depicted in Exhibit 2. The Cloverdale – Harmon #2 69 kV Transmission Line is the second circuit in the typical new Burger – Cloverdale #1 138 kV Transmission Line structures depicted in Figure 3-3 of Exhibit 3 of the Letter of Notification. Clearing activities associated with installation of the rebuilt Burger – Cloverdale #1 138 kV Transmission Line structures are expected to begin in February 2014 with line construction activities starting as early as May 2014.

As part of final engineering design of the rebuilt Burger – Cloverdale #1 138 kV Transmission Line structures, it was determined that it was advantageous from a structural design perspective to install both the Burger – Cloverdale #1 138 kV Transmission Line and the Cloverdale – Harmon #2 69 kV Transmission Line with 138 kV insulators and 138 kV phase spacing. Although different conductors will be installed for the two transmission lines (477 kcmil ACSR conductors for Cloverdale – Harmon #2 69 kV Transmission Line and 795 kcmil ACSR conductor for Burger – Cloverdale #1 138 kV Transmission Line), either conductor can be operated at 138 kV. Although the Cloverdale – Harmon #2 69 kV Transmission Line is planned to be operated at 69 kV and will connect to transmission line construction that can only operate at 69 kV, incorporating the 138 kV design features could, if other facilities are installed at both ends of the transmission line, allow approximately 3.4 miles of the Cloverdale – Harmon #2 69 kV Transmission Line to be operated at 138 kV at some future date. As such, installation of this approximately 3.4-mile-section of Cloverdale – Harmon #2 69 kV Transmission Line could be under the Board’s jurisdiction and its installation is proposed in this Construction Notice. No significant or additional impacts are anticipated for

constructing the Cloverdale – Harmon #2 69 kV Transmission Line with the proposed 138 kV features. The upgrade to the Cloverdale – Harmon #2 69 kV Transmission Line proposed in this Construction Notice will not change in any way the structures for the Burger – Cloverdale #1 138 kV Transmission Line approved in Case No. 12-1138-EL-BLN.

The proposed Project is approximately 3.4 miles long and located generally in the area between the existing Cloverdale Substation and the new Harmon Substation in the City of Massillon and Bethlehem and Perry townships in Stark County, Ohio. The Project will occur within the existing transmission right-of-way (“ROW”). The general location of the proposed Project is shown in Exhibit 1. The location of the 138 and 69 kV line entrances/exits at the Harmon Substation, including the proposed Cloverdale – Harmon #2 69 kV Transmission Line and the Burger – Cloverdale #1 138 kV Transmission Line, are shown in Exhibit 2.

4906-11-02(B)(2)(b)

The Project meets the requirements for a Construction Notice because the Project is within the types of project defined by Item (1)(c) of Attachment A of the Board’s interim process defined in the Board’s September 4, 2012 Finding and Order in Docket 12-1981-GE-BRO. This item states:

(2) Adding additional circuits on existing structures designed for multiple circuit use.

(a) No new permanent access roads or structure replacement, and no widened right-of-way required.

4906-11-02(B)(3): Statement of Need

As part of the South Canton – Star 345 kV and Burger – Cloverdale #1, #2 and #3 138 kV Transmission Line extensions to, and installation of, the Harmon Substation Project (approved by the Board in Case No. 12-1138-EL-BLN), the existing 477 kcmil ACSR conductors of the existing Burger – Cloverdale #1 138 kV Transmission Line will be replaced with 795 kcmil ACSR conductor. As a part of that process, it is necessary to

replace the existing structures that support both the Burger – Cloverdale #1 138 kV Transmission Line and will support the new Cloverdale – Harmon #2 69 kV Transmission Line. As part of final engineering design of the new transmission line structures, it was determined that it was advantageous from a structural design perspective to install both the Burger – Cloverdale #1 138 kV Transmission Line and the Cloverdale – Harmon #2 69 kV Transmission Line with the same 138 kV insulators, associated hardware and 138 kV phase spacing. Although the Cloverdale – Harmon #2 69 kV Transmission Line will be operated at 69 kV, the section of this transmission line designed and constructed with 138 kV insulators and conductor spacing could, if other facilities are installed at both ends of the transmission line, be operated at 138 kV at some future date. As such, the Applicant concluded that the Project may fall under the jurisdiction of the Board.

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

Clearing activities associated with the rebuild of the Burger – Cloverdale #1 138 kV Transmission Line structures are expected to begin in February 2014. Construction of the approved Burger – Cloverdale #1 138 kV Transmission Line structures is scheduled to begin as early as May 1, 2014, and is expected to be completed and placed in-service by June 1, 2015.

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

The estimated cost to install the proposed Project is \$786,000. This estimate cost includes the approximately 0.5 miles and the 700 feet of 69 kV construction near Cloverdale and Harmon substations respectively, and the cost to install approximately 3.4 miles of 138 kV construction on the structures (the installation of the structures is not included as part of this Project) that are being rebuilt to support the Burger – Cloverdale #1 138 kV Transmission Line.

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

The proposed Cloverdale – Harmon #2 69 kV Transmission Line will be constructed on the same structures as the Burger – Cloverdale #1 138 kV Transmission Line. As described in Case No. 12-1138-EL-BLN, these new structures will consist of two-pole wood poles structures. The Cloverdale – Harmon #2 69 kV Transmission Line will be designed for 138 kV operation utilizing 477 kcmil ACSR conductor, but is planned to be operated at 69 kV. The Burger – Cloverdale #1 138 kV line and the Cloverdale – Harmon #2 69 kV line will be constructed within ATSI's existing ROW. No new property rights are required for construction of the portion of the Cloverdale – Harmon #2 69 kV Transmission Line proposed in this Project.

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

The general location of the Project is shown in Exhibit 1. To locate the Project site starting from the Columbus, Ohio area, travel north on Interstate 71 (I-71) for approximately 70 miles. Take exit 176 to merge onto U.S. Route 30 E toward Wooster, Ohio. After approximately 46 miles, take the OH-241 exit toward Massillon/Brewster/OH-93. After approximately 0.2 mile, turn right onto OH-241 N/Millersburg Road SW. Take the second left onto OH-93 S/Manchester Avenue SW. After approximately 2.4 miles, turn left onto Elton Street SW. Continue on Elton Street for approximately 2.8 miles. The proposed Harmon Substation site is located behind an agricultural field on the right. The Cloverdale – Harmon 138/69 kV Transmission Line continues north for approximately 3.4 miles along existing ROW and terminates at the existing Cloverdale Substation.

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

The Project will occur within ATSI's existing ROW between the new Harmon Substation and the existing Cloverdale Substation. No new property purchases, new easements, or ROW will need to be acquired. A list of property owners crossed by the existing ROW is provided in Table 1. As final engineering and construction plans are developed for the Project, it may be advantageous to obtain additional temporary access rights for

construction activities. The Applicant plans to use any off-ROW locations only if they can be obtained through negotiation.

Table 1. Existing Transmission ROW Easements or Property Owned by FirstEnergy Companies		
No.	Property Address¹	Parcel Number(s)
1.	Proposed Harmon Substation Property Mailing address: Ohio Edison Company, 76 S Main St Akron, OH 44308	1002705
2.	Dover Atwood Corporation 1875 Harsh Ave SE Massillon, OH 44646	4391019
3.	Wayne C & Blaine L Nofsinger 9490 Elton St SW Navarre, OH 44662	1002562
4.	Jason P Kirby & Jennifer J Gehring-Kirby 9669 Elton St SW Navarre, OH 44662	1002378
5.	Samuel C Nofsinger Trustee 9481 Elton St SW Navarre, OH 44662	1001820, 1002262
6.	Larry C & Vicki L Lallathin 9733 Elton St SW Navarre, OH 44662	1003460
7.	James R II & Christina M Schukert 9803 Elton St SW Navarre, OH 44662	1003216
8.	Maria D Carlone 10007 Elton St SW Navarre, OH 44662	10002183
9.	Standard Slag Company 9218 Elton St SW Navarre, OH 44662	900006
10.	Donald G Hendricks Family Properties LLC 3457 Carmont St SW Navarre, OH 44662	10002511, 500288, 500243
11.	Timothy & Christina Swisher Trustees 3370 17th St SW Massillon, OH 44647-9210	500242

Table 1. Existing Transmission ROW Easements or Property Owned by FirstEnergy Companies		
No.	Property Address¹	Parcel Number(s)
12.	Ananiase & Katie Hershberger 5170 Carmont Ave SW Navarre, OH 44662	4700411
13.	Nick A & Amy J Logan 9645 Warmington St SW Navarre, OH 44662	4700438
14.	Mark L & Robert L Gaynor 4908 Carmont Ave SW Navarre, OH 44662	4700315
15.	Jeffery A Sanor Warmington St SW Navarre, OH 44662	4700437
16.	Albert & Joanne C Ruegg Carmont Ave SW Navarre, OH 44662	4700398
17.	Wesley J & Sylvia L Patnaude Carmont Ave SW Navarre, OH 44662	4700295
18.	Anthony III & Rhonda Lombardi 9789 Warmington St SW Navarre, OH 44662	4700427
19.	PSR Development, Ltd Oberlin Ave SW Navarre, OH 44662	504745
20.	Cloverdale Substation Property Located at: 1255 Albert St SW Navarre, OH 44662 Mailing address: Ohio Edison Company, 76 S. Main Street Akron, Ohio 44308	500187

¹ Mailing addresses are shown in cases where physical property location addresses are not available.

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

This Construction Notice is being provided concurrently to the officials of Bethlehem and Perry townships and the City of Massillon in Stark 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. Officials receiving this Construction Notice are as follows:

Stark County

Tom Bernabel, President
Stark County Commissioners
110 Central Plaza South
Canton, Ohio 44702

Brent Luther
Stark County Administrator
110 Central Plaza South
Canton, Ohio 44702

Janet Weir Creighton, Vice President
Stark County Commissioners
110 Central Plaza South
Canton, Ohio 44702

Jean Young
Stark County Clerk
110 Central Plaza South
Canton, Ohio 44702

Keith A. Bennett, County Engineer
5165 Southway SW
Canton, Ohio 44706

Vincent A. Marion, President
Stark County Regional Planning
Commission
201 3rd Street NE, Suite 201
Canton, Ohio 44702

Bob Fonte, Director
Stark County Park District
5300 Tyner Street NW
Canton, Ohio 44708

Bethlehem Township

Patricia Winkhart, Fiscal Officer
21 Fourth Street NE
Navarre, Ohio 44662

Ronald L. Wendling, Trustee
8600 Blough Avenue SW
Navarre, Ohio 44662

David O. Regula, Trustee
8600 Blough Avenue SW
Navarre, Ohio 44662

Lori L. Manack, Trustee
8600 Blough Avenue SW
Navarre, Ohio 44662

Perry Township

Joe Schlegel, Fiscal Officer
3111 Hilton Street NW
Massillon, Ohio 44646

Doug Haines, Trustee
3111 Hilton Street NW
Massillon, Ohio 44646

Craig Chessler, Trustee
3111 Hilton Street NW
Massillon, Ohio 44646

Lee Laubacher, Trustee
3111 Hilton Street NW
Massillon, Ohio 44646

City of Massillon

Kathy Catazaro-Perry, Mayor
One James Duncan Plaza SE
Massillon, Ohio 44646

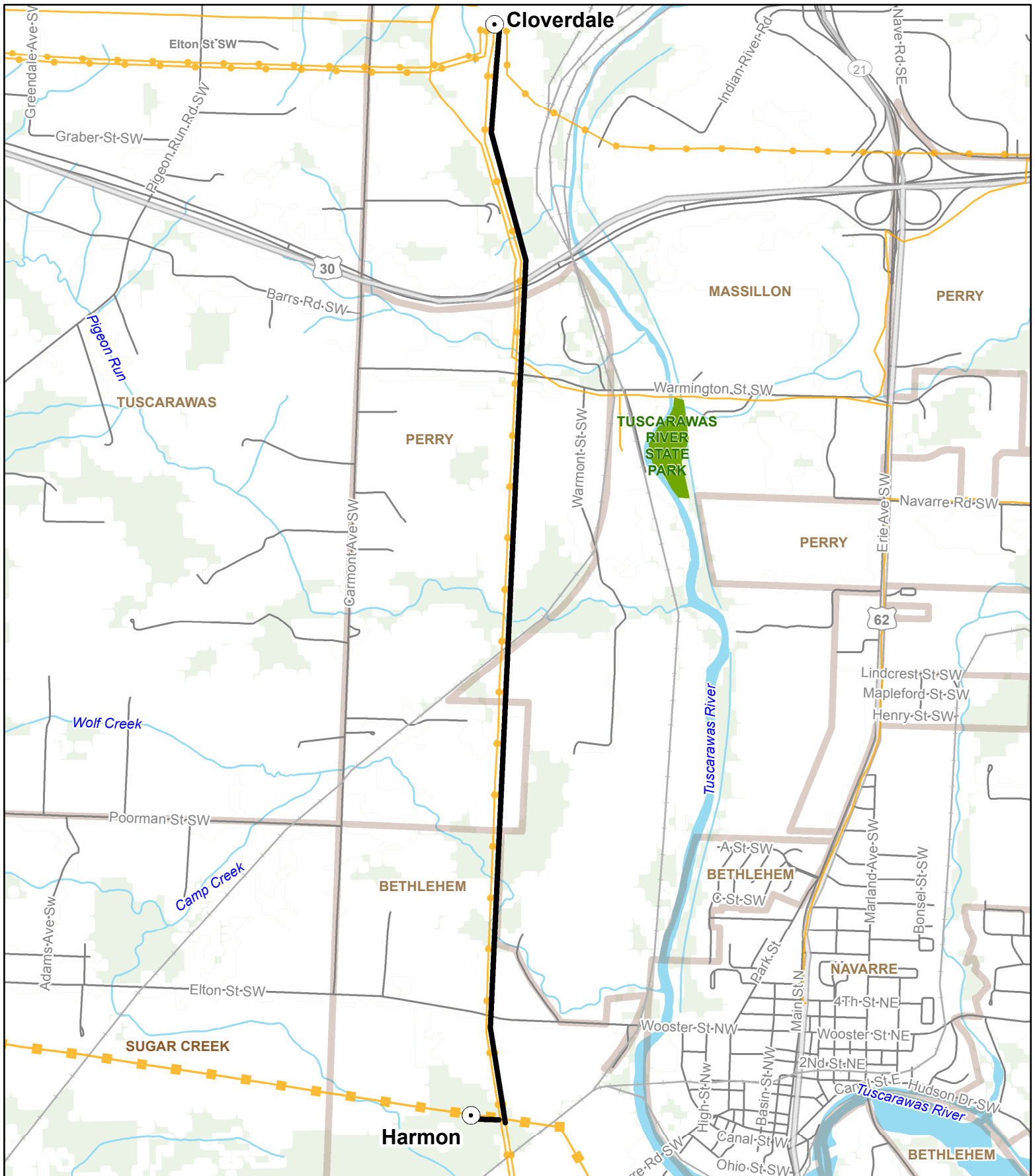
Donnie Peters, Jr., Council Member
Ward 5
One James Duncan Plaza SE
Massillon, Ohio 44646

Elaine Campbell, Planning
Commission President
One James Duncan Plaza SE
Massillon, Ohio 44646






Tony M. Townsend
City Council President
One James Duncan Plaza SE
Massillon, Ohio 44646

Keith A. Dylewski, P.E., P.S.
City Engineer
151 Lincoln Way East
Massillon, Ohio 44646




Exhibit 1
Project Location Map



Legend

-  Substation
-  Burger - Cloverdale #1 138 kV & Cloverdale - Harmon 69/138 kV Transmission Lines
-  Railroad
-  State Park
-  Municipality Boundary

Existing Transmission

-  69 kV
-  138 kV
-  345 kV

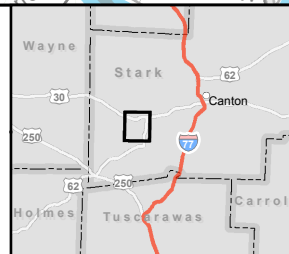
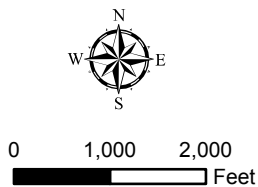


Exhibit 1 Project Location Map

Sources: Environmental Systems
Research Institute (ESRI),
United States Geological Survey (USGS),
National Land Cover Dataset (NLCD).

ATSI®

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

Exhibit 2
Harmon Substation Proposed Line Figuration



- NOTES:**
1. SURVEY INFORMATION WITHIN DEFINED LIMITS OF SURVEY PROVIDED BY HAMMONTREE & ASSOCIATES, LIMITED. SURVEY SUBMITTED ON 04/15/13. HAMMONTREE & ASSOCIATES, LIMITED
5233 STONEHAM RD.
NORTH CANTON, OH 44720
PHONE: (330) 499-8817
 2. EXISTING CONTOUR DATA FROM USGS TOPOGRAPHIC MAPPING SERVICES AT 2-FT INTERVALS.
 3. PROPERTY LINES SHOWN FROM AVAILABLE PUBLIC GIS INFORMATION.
 4. RE-SEED DISTURBED SLOPES NOT RECEIVING CRUSHED ROCK SURFACING AS SPECIFIED.
 5. FUTURE TRANSMISSION LINES ARE SHOWN AS PRELIMINARY. FINAL DESIGN AND LAYOUT TO BE DONE BY OTHERS.

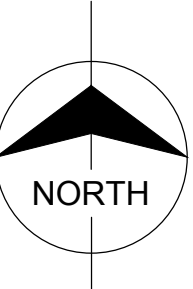
- LEGEND:**
- 950 — EXISTING EVEN CONTOUR
 - — — EXISTING ODD CONTOUR
 - 950 — FINISHED GRADE MAJOR CONTOUR
 - — — FINISHED GRADE MINOR CONTOUR
 - P — PROPERTY LINE
 - — — SUBSTATION FENCE
 - — — TOP OF SLOPE
 - — — LIMITS OF SURVEY
 - — — LIMITS OF DISTURBANCE
 - — — NEW TREE LINE
 - — — EXISTING TREE LINE
 - [Pattern] RIP-RAP
 - [Pattern] CRUSHED ROCK
 - [Pattern] CONCRETE
 - [Pattern] WETLANDS
 - [Symbol] UNLNT
 - [Symbol] EXISTING TRANSMISSION STRUCTURE
 - [Symbol] FUTURE TRANSMISSION STRUCTURE
 - R/W — RIGHT-OF-WAY
 - — — EXISTING STREAM
 - — — EXISTING EASEMENT
 - +++++ RAILROAD TRACKS

- OVERHEAD TRANSMISSION LEGEND:**
- [Line] CLOVERDALE-HARMON NO. 1 138kV
 - [Line] CLOVERDALE-HARMON NO. 2 138kV
 - [Line] CLOVERDALE-GHOST TOWN 138kV (BYPASS HARMON SUBSTATION)
 - [Line] HARMON-GHOST TOWN 138kV
 - [Line] HARMON-KNOX 138kV
 - [Line] HARMON-SOUTH CANTON 345kV
 - [Line] HARMON-STAR 345kV
 - [Line] HARMON-BREWSTER 69kV
 - [Line] HARMON-NAVARRE 69kV
 - [Line] CLOVERDALE-HARMON 138/69kV

LIMITS OF DISTURBANCE/NPDES BOUNDARY: 32.00 ACRES

CE 8 ? < @ < A 4 E L

DATE: 01/16/14



0 100' 200'
SCALE IN FEET

DATE: 01/15/14 DRAWN BY: J. MCDONELL CHECKED BY: J. MCDONELL REVISION BY: BURNS & MCDONELL	FirstEnergy Energy Delivery Technical Services SCALE: 1/8" = 100' PROJECT: HARMON SUBSTATION PROPOSED LINE CONFIGURATION AT HARMON SUBSTATION	OPERATING COMPANY: HARMON REGION: OHIO AREA: HARMON	REV: 5 EXHIBIT 2
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This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

2/6/2014 2:27:45 PM

in

Case No(s). 14-0108-EL-BNR

Summary: Notice of Construction of The Cloverdale – Harmon #2 69 kV Transmission Line Project electronically filed by Mr. Robert J Schmidt on behalf of American Transmission Systems Inc.