

FILE

16

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

CONSTRUCTION NOTICE

**BROOKSIDE-HOWARD 138 kV TRANSMISSION LINE
RECONDUCTORING PROJECT**

OPSB CASE NO. 14-0930-EL-BNR

June 4, 2014

RECEIVED-COCKETING DIV

2014 JUN -5 PM 3:46

PUCO

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

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 fe Date Processed - JUN 05 2014

**CONSTRUCTION NOTICE
BROOKSIDE-HOWARD 138 kV TRANSMISSION LINE
RECONDUCTORING PROJECT**

The following information is being provided in accordance with the procedures 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: Brookside-Howard 138 kV Transmission Line
Reconductoring Project ("Project").

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

In this Project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, is proposing to reconductor an approximately 14 mile long section of the existing Brookside-Howard 138 kV Transmission Line. The Project will replace the existing 336.4 kmil 26/7 ACSR conductor with 336.4 kmil 26/7 ACSS conductor. The Project begins at the ATSI owned Brookside Substation and extends for approximately 14 miles along the existing Brookside-Howard 138 kV Transmission Line to an interconnection with American Electric Power ("AEP"). AEP owns the approximately 8 mile long portion of the Brookside-Howard 138 kV Transmission Line extending to the existing Howard Substation.

The general location of the Project is shown in Exhibit 1. The general layout is shown in Exhibit 2a through 2b. The Brookside-Howard 138 kV Transmission Line associated with this Project will be owned and operated by ATSI. The Project will be located in the City of Ashland, Montgomery Township, and Milton Township in Ashland County, Ohio, and Weller Township and Franklin Township in Richland County, Ohio.

4906-11-02 (B) (2) (b): Construction Notice Requirements

The Project meets the requirements for a Construction Notice because the Project is within the types of project defined by Item (3) of the Interim Application Requirement Matrix for Electric Power Transmission Lines in the Finding and Order issued on September 4, 2012 in Case No. 12-1981-GE-BRO, which modified Appendix A of Rule 4906-1-01 of the Ohio Administrative Code. This item states:

- (3) Replacing conductors on existing structures with larger or bundled conductors.*

The proposed Project replaces approximately 14 miles of conductor on the Brookside-Howard 138 kV Transmission Line.

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

The project is needed to address thermal overloads on the ATSI transmission system due to generation retirements, and to provide improved voltage support to the region. The existing 336.4 kcmil 26/7 ACSR conductor has a summer emergency rating of 179 MVA. This line will become overloaded for various system contingencies, resulting in the need to de-energize the circuit. For example, during the common tower line outage of Galion – Leaside 138kV and Galion – Longview 138kV, the Howard – Brookside 138kV line loads to 187 MVA, or 108% of the summer emergency rating during summer peak conditions. After the Project has been completed, the new summer normal line rating will be 252 MVA and the new summer emergency rating will be 291 MVA.

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

Construction of the project is expected to begin as early as September 15, 2014 and be completed by May 31, 2015.

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

The following is the estimated capital cost for the Project:

Estimated Cost	\$5,119,000
----------------	-------------

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

The transmission line construction will have the following characteristics:

Voltage:	138 kV
Conductors:	336.4 kcmil 26/7 ACSS
Static wire:	7 # 8 Alumoweld Shield Wire
Insulators:	Porcelain

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

Exhibit 1 depicts the general location of the Project. This exhibit provides a partial copy of the United States Geologic Survey, Mansfield North, Pavonia, and Ashland South Ohio Quads. To locate and view the project site from the Columbus, Ohio area, travel to the Brookside Substation by merging onto I-71 North toward Cleveland and traveling for approximately 79 miles. Take exit 186 for US-250 towards Ashland/Wooster. At the bottom of the exit ramp, take a left onto US-250 W. Travel for approximately 1.7 miles then turn right to merger onto US-250 W/US-42 N toward Norwalk/Medina. Travel for approximately half a mile then turn left onto Middle Rowsburg Road. After approximately 0.2 mile, the Brookside Substation will be on the left.

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

The Project is located on existing Ohio Edison owned property, a FirstEnergy Company, and existing right of way easements. No new easements or right-of-way is needed for the Project. The property information for this Project, listed below, was obtained through the Ashland and Richland County Auditor's websites.

Parcel Number(s)	Property Address	Property Owner	Easement Status
512018403000, 512018318000	2180 CHARLES RD MANSFIELD, OH 44903	ESTHER J FULK	Previously Obtained
512018115000, 512018117000	3595 PAVONIA RD N MANSFIELD, OH 44903	MAURICE F ELSON	Previously Obtained

512020304001	1945 CHARLES RD MANSFIELD, OH 44903	JENNIFER L & MATHEW W GIAMPIETRO	Previously Obtained
512020304000	1925 CHARLES RD MANSFIELD, OH 44903	JUSTIN A & JILLIAN L TEETER	Previously Obtained
512018016000	1895 CHARLES RD MANSFIELD, OH 44903	CHARLES R BENTON	Previously Obtained
512018413000	1775 CHARLES RD MANSFIELD, OH 44903	JOHN J & MARGARET M HALTER	Previously Obtained
512017405000	1720 CHARLES RD MANSFIELD, OH 44903	CONNY J JR & JOELLEN SPOONS	Previously Obtained
512019911000, 512018617000	2455 CHARLES RD MANSFIELD, OH 44903	ROGER E & DEBORAH J FULK	Previously Obtained
512020614000	755 FIVE POINTS EAST RD MANSFIELD, OH 44903	DARRELL KISSEL	Previously Obtained
512020614011	3616 MANSFIELD ADARIO RD MANSFIELD, OH 44903	MARK A SAUDER	Previously Obtained
512018014002	PO BOX 64 ASHLAND, OH 44805	GARRY & DEBRA BRIDGES	Previously Obtained
512018014000	2860 PAVONIA NORTH RD N MANSFIELD, OH 44903	CARL & HAROLD BRICKER AND DEBRA BRIDGES	Previously Obtained
512017403000	1200 GRIMES RD MANSFIELD, OH 44903	JOHN C & TRACEY A KOCHENDERFER	Previously Obtained
512018211000	3550 ROBINSON RD MANSFIELD, OH 44903 9181	JOHN N & PATRICIA A SPANGLER	Previously Obtained
512019411008	3600 ROBINSON RD MANSFIELD, OH 44903	ROBIN A & MOLLY L GILLAM	Previously Obtained
512019411005	3595 N ROBINSON RD MANSFIELD, OH 44903	ERNEST & VICKIE L LAMBRIGHT	Previously Obtained
512019411000, 512019411009	3600 FRANKLIN CHURCH RD MANSFIELD, OH 44903	LANNY H & JOYCE M YOUNG	Previously Obtained
512019411006	3745 FRANKLIN CHURCH RD MANSFIELD, OH 44903	RONALD M & KAY M RUFENER	Previously Obtained
512017801000	693 COLEMAN RD MANSFIELD, OH 44906	NORTH CENTRAL OHIO CONSERVANCY	Previously Obtained
512019214001	3710 BRUBAKER CREEK RD MANSFIELD, OH 44903	SHIRLEY KISSEL	Previously Obtained
114014117001	PO BOX 1088 MANSFIELD, OH 44901	SUSAN P & TIMOTHY S TRISUTTES ETC SMITH	Previously Obtained
114013603001	3571 BRUBAKER CREEK RD MANSFIELD, OH 44903	DAVID J & ELAINE S TUTTLE	Previously Obtained
114013603000	757 COUNTY ROAD 2654 LOUDONVILLE, OH 44842	JUSTIN & MOLLY RINGLER	Previously Obtained

114013115002	3662 N MAIN ST RD MANSFIELD, OH 44903	ALVIN H & MARTHA B ZIMMERMAN	Previously Obtained
114013115003	512 STATE ROUTE 96 SHELBY, OH 44875	GARY LEHMAN	Previously Obtained
114013115000	3520 N MAIN ST MANSFIELD, OH 44903	SCOTT C MILLER	Previously Obtained
114013113001, 114011913000	4121 STATE ROUTE 546 LEXINGTON, OH 44904	EARL K ESTEP	Previously Obtained
114011301000	3761 GANGES FIVE POINT RD MANSFIELD, OH 44903	BERNELL D & DORTHY M ZIMMERMAN	Previously Obtained
G220210003001	1499 CO RD 1475 ASHLAND, OH 44805	THOMAS R PATTON	Previously Obtained
G220210003002	10800 KINSMAN RD NEWBURY, OH 44065	GEAUGA SAVINGS BANK	Previously Obtained
G220210003000	1487 COUNTY ROAD 1475 ASHLAND, OH 44805	LEVI A TROYER	Previously Obtained
G220210002801, G220210002802, G220210002500, G220210001100, G220220000604, G220220000604, G220220001100, G220220002500, G220240000302	2500 WESTFIELD DR SUITE102 ELGIN, IL 60124	FIRST AMERICAN RE TAX	Previously Obtained
G220210002800	1466 CO RD 1475 ASHLAND, OH 44805	PAUL D HENNEN	Previously Obtained
G220210002803	1460 COUNTY ROAD 1475 ASHLAND, OH 44805	RICKY BRADY	Previously Obtained
G220210000902	1444 ST RT 603 ASHLAND, OH 44805	BRIAN E FULK	Previously Obtained
G220210001301	1430 CO RD 1475 ASHLAND, OH 44805	TYSON Y SHAFER	Previously Obtained
G220210001500	1426 CO RD 1475 RD 1 ASHLAND, OH 44805	TWYLA THIEBOLT	Previously Obtained
G220210001000	1001 SEMMES AVE RICHMOND, VA 23224	VALU TREE REAL	Previously Obtained
G220210001601	1416 CO RD 1475 ASHLAND, OH 44805	RUSSELL W MORRIS	Previously Obtained
G220210000800, G220220000600	1414 CO RD 1475 ASHLAND, OH 44805	JAMES N SLOAN	Previously Obtained
G220220001000, G220220000601	1410 CO RD 1475 ASHLAND, OH 44805	CINDY S QUAY	Previously Obtained
G220220000605	1406 CO RD 1475 ASHLAND, OH 44805	CINDY LOU ETAL HAMILTON	Previously Obtained
G220220000900	936 WILLIAMSBURG CT ASHLAND, OH 44805	MULLETT DONALD RAY & ALBERT	Previously Obtained
G220220000800	1400 CO RD 1475 ASHLAND, OH 44805	SMALLEY CONNIE	Previously Obtained
G220220000700, G220220000606	1396 CO RD 1475 ASHLAND, OH 44805	CARTER GLADYS M	Previously Obtained

G220220000607	1392 CO RD 1475 ASHLAND, OH 44805	HARBAUGH SCOTT A	Previously Obtained
G220220000602	1390 COUNTY ROAD 1475 ASHLAND, OH 44805	ROGER L AMOS	Previously Obtained
G220220000500	N/A ASHLAND, OH N/A	NOT DELIVERABLE	Previously Obtained
G220220001801	1348 CO RD 1475 R D 5 ASHLAND, OH 44805	RICHARD E JONES	Previously Obtained
G220220001601, G220220001602, G220220001600	1336 CO RD 1475 ASHLAND, OH 44805	THOMAS G RUPPLE	Previously Obtained
G220220001700	1322 CO RD 1475 ASHLAND, OH 44805	GARY E MILLER	Previously Obtained
G220230000100, G220230000300	1284 TWP RD 1426 R D 5 ASHLAND, OH 44805	RICHARD D HILLER	Previously Obtained
G220240000306	1566 BANEY RD SOUTH ASHLAND, OH 44805	ANN M EMMONS	Previously Obtained
G220240000305	1566 BANEY RD S UNIT FRONT ASHLAND, OH 44805	DAVID C MAGER	Previously Obtained
G220240000900	110 COTTAGE ST ASHLAND, OH 44805	ASHLAND COUNTY COMMISSIONERS	Previously Obtained
P431220000501, P440910000703	76 S MAIN ST, AKRON, OH 44308	OHIO EDISON	Owned in Fee
P431210000500	755 ST RT 58 ASHLAND, OH 44805	GARY L PELTON	Previously Obtained
P431210002301, P431210002302, P431210002303, P440890006000, P440890005900, P440890005800, P440890005700	PO BOX 1262 ASHLAND, OH 44805	M & L PROPERTIES LTD	Previously Obtained
P431190004300, P440670009102	1136 BANK ST, ASHLAND, OH 44805	STEVEN D & DEBRA A BEMILLER	Previously Obtained
P440670009100, P440670009202	PO BOX 361 ASHLAND, OH 44805	TRIPLE J PROPERTIES LTD	Previously Obtained
P440670009201, P440760001400, P440760001300, P440820000200	110 COTTAGE ST, ASHLAND, OH 44805	ASHLAND COUNTY COMMISSIONERS	Previously Obtained
P440670009200	206 CLAREMONT AVE, ASHLAND, OH 44805	CITY OF ASHLAND	Previously Obtained
P440710007000	128 CHURCH ST, ASHLAND, OH 44805	THOMAS J BUDD	Previously Obtained
P440710007200, P440710007300	1193 HILLCREST DR, ASHLAND, OH 44805	HILLCREST CONDOMINIUM	Previously Obtained
P440710007201	1122 COUNTRY CLUB LANE ASHLAND, OH 44805	STONYBROOK CHATEAU	Previously Obtained
P441150000200	1122 COUNTRY CLUB #101 LN, ASHLAND, OH 44805	RICHARD E. SHARR	Previously Obtained

P441150000300	P O BOX 858WOOSTER, OH 44691	WAYNE SAVINGS COMMUNITY	Previously Obtained
P441150000400	1122 COUNTRY CLUB LANE ASHLAND, OH 44805	AUDREY M. BOWERSOCK	Previously Obtained
P441150000500	7550 HINSON UNIT 3-A ST, ORLANDO, FL 32819	KAREN (LE) COOMBS	Previously Obtained
P441150000600	1122 COUNTRY CLUB LANE, ASHLAND, OH 44805	BRIAN S. LAUGHERY	Previously Obtained
P441150000700	819 SCOTT ST, ASHLAND, OH 44805	ASHLAND FAITH FAMILY CHURCH	Previously Obtained
P441150000900	1122 COUNTRY CLUB LN ASHLAND, OH 44805	PAMELA JO TESTER	Previously Obtained
P441130000300, P441130000301	1333 CENTER ST ASHLAND, OH 44805	ASHLAND LAND COMPANY LLC	Previously Obtained
P441110000200, P440910000700	1878 CO RD 655 ASHLAND, OH 44805	UNIQUE DEVELOPMENTS LLC	Previously Obtained
P440910000701	820 MCKINLEY BLVD ASHLAND, OH 44805	WILLIAM D IHRIG	Previously Obtained
P440910000800	2000 CENTER ST ASHLAND, OH 44805	BRETHREN CARE INC	Previously Obtained
P440910000200	1923 CENTER ST ASHLAND, OH 44805	MARILYN M HARPSTER	Previously Obtained
P440900000800	15 LAURETTA AVE ASHLAND, OH 44805	WILLIAM J FRESHWATER	Previously Obtained
P440900000401	PO BOX 801 WEST SALEM, OH 44287	FARMERS STATE BANK	Previously Obtained
P440900000400	140 LAURETTA AVE ASHLAND, OH 44805	CRAIG E SHELBY	Previously Obtained
P440900000500, P440900000900	1329 CARRIAGE HILL CT ASHLAND, OH 44805	JACK IRVINE	Previously Obtained
I250200000110, I250200000107	1010 HEDSTROM DR ASHLAND, OH 44805	ASPEN MANAGEMENT USA	Previously Obtained
I250190000302, I250190000300	P.O. BOX 728, ASHLAND, OH 44805	PHYLLIS L MCCUEN (Marline Molly Wilson)	Previously Obtained
P440920009000	1741 DEERMEADOW CT ASHLAND, OH 44805	JACK N COLVIN	Previously Obtained
P440920011000	1719 DEERMEADOW CT ASHLAND, OH 44805	BARBARA A QUEER	Previously Obtained
P440920010500, P441150000800	2500 WESTFIELD DR SUITE102 ELGIN, IL 60124	FIRST AMERICAN TAX	Previously Obtained
P440920008900	1742 DEERMEADOW CT ASHLAND, OH 44805	HELEN L. WHITE	Previously Obtained
P440920007400	1731 KINGWOOD CT ASHLAND, OH 44805	STEPHEN C. KLAAMEYER	Previously Obtained
P440920013300	1715 KINGWOOD CT ASHLAND, OH 44805	CAROL GARLING	Previously Obtained
P440920011600	1714 KINGWOOD COURT ASHLAND, OH 44805	MARSHALL MOWRY	Previously Obtained

P440920012800	1734 PINEBROOK CT ASHLAND, OH 44805	ROBERT D. HETRICK JR.	Previously Obtained
P440920012900	1725 PINEBROOK CT ASHLAND, OH 44805	STEPHEN LASH	Previously Obtained
P440920013000	1727 PINEBROOK CT ASHLAND, OH 44805	KAY SPRENG	Previously Obtained
P440920013100	1729 PINEBROOK CT ASHLAND, OH 44805	LINDA J. WHITE	Previously Obtained
P440890006300	1714 MIFFLIN AVE ASHLAND, OH 44805	KAY D. SEAL	Previously Obtained
P440890006200	1732 MIFFLIN AVE ASHLAND, OH 44805	DAVID R. BARTLETT	Previously Obtained
P440890005600	170 E CENTER ST MARION, OH 43302	UNITED CHURCH	Previously Obtained
P440890005500	1751 DEERMEADOW COURT ASHLAND, OH 44805	JESSE DEAN RAUBENOLT	Previously Obtained
P440890005000, P440840001701, P440890004700, P440890004700, P440890005300	100 E SECOND STREET ASHLAND, OH 44805	BAUER MANAGEMENT REALTY	Previously Obtained
P440890005400	1740 RICHARD DR ASHLAND, OH 44805	DOROTHY J. COOPER	Previously Obtained
P440890005200	P.O. BOX 9 ASHLAND, OH 44805	RADER PROPERTIES LLC	Previously Obtained
P440890005100	11 MORGAN AVE ASHLAND, OH 44805	ELIZABETH P. HELMSIN	Previously Obtained
P440890004900	1810 OLDE POST RD ASHLAND, OH 44805	KATHY PETERSON	Previously Obtained
P440890004800	852 WOODVIEW DR ASHLAND, OH 44805	LINDA & PETER J. CUZZOLINI	Previously Obtained
P440840001500, P440840001400, P440840000400, P440770008400	1729 CLAREMONT AVE ASHLAND, OH 44805	MRA INC.	Previously Obtained

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

This Construction Notice is being provided concurrently with filing to the following officials of the City of Ashland, Montgomery Township, and Milton Township in Ashland County, Ohio, and Weller Township and Franklin Township in Richland County, Ohio:

Ashland County

Mike Welch, President
Ashland County Commissioners
Ashland County Commissioners' Office
110 Cottage Street
Ashland, OH 44805

Barb Queer
Ashland County Commissioners
Ashland County Commissioners' Office
110 Cottage Street
Ashland, OH 44805

Kim Edwards
Ashland County Commissioner
Ashland County Commissioners' Office
100 Cottage Street
Ashland, OH 44805

Edward Meixner, P.E., P.S.
Ashland County Engineer
1511 Cleveland Avenue
Ashland, OH 44805

City of Ashland

Honorable Glen Stewart
Mayor, City of Ashland
206 Claremont Avenue
Ashland, OH 44805

Stephen Stuart, President
Ashland City Council
76 Vernon Avenue
Ashland, OH 44805

Shane Kremser, P.E., R.B.O.
City of Ashland Engineering Division
206 Claremont Avenue, 3rd Floor
Ashland, OH 44805

James Kovacich
Ashland Building and Zoning
206 Claremont Avenue
Ashland, OH 44805

Montgomery Township

Hugh Britton Troth
Montgomery Township Trustee
696 CR 1302
Ashland, OH 44805

Roy Turk
Montgomery Township Trustee
1158 CR 1175
Ashland, OH 44805

Richard Wesner
Montgomery Township Trustee
1125 SR 511
Ashland, OH 44805

Michael Welch
Montgomery Township Fiscal Officer
1527 CR 995
Ashland, OH 44805

Milton Township

Rick Emmons
Milton Township Trustee
1212 TR 1253
Ashland, OH 44805

Eric Fulk
Milton Township Trustee
1394 SR 603
Ashland, OH 44805

Donald Mutchler
Milton Township Trustee
1396 TR 1353
Ashland, OH 44805

Melinda Elliott
Milton Township Fiscal Officer
1212 TR 1253
Ashland, OH 44805

Richland County

Edward Olson
Richland County Board of Commissions
50 Park Avenue East
Mansfield, OH 44902

Tom Beck, P.E., P.S.
Richland County Engineer
77 North Mulberry
Mansfield, OH 44902

Gary Utt
Richland County Board of Commissions
50 Park Avenue East
Mansfield, OH 44902

Matthew Huffman
Executive Director
Richland County Regional Planning
35 North Park Street
Mansfield, OH 44902

Tim Wert
Richland County Board of Commissions
50 Park Avenue East
Mansfield, OH 44902

Weller Township

Dale Hulit
Weller Township Trustee
1200 Osborn Road
Mansfield, OH 44903

Thomas Oswalt
Weller Township Trustee
1330 Oswalt Road
Mansfield, OH 44903

Roger Fulk
Weller Township Trustee
525 Boyce Road
Shelby, OH 44875

Deborah Spoerr
Weller Township Fiscal Officer
3717 SE 545
Mansfield, OH 44903

Franklin Township

Jeffery Kuhn
Franklin Township Trustee
525 Boyce Road
Mansfield, OH 44903

Steven Lantz
Franklin Township Trustee
1575 Taylortown Road
Mansfield, OH 44903

John McCarron
Franklin Township Trustee
3567 Amoy-Ganges Road
Mansfield, OH 44903

Jennifer Washburn
Franklin Township Fiscal Officer
2451 Kline Road
Mansfield, OH 44903

Copies of the transmittal letters to these officials are included with this Construction Notice.

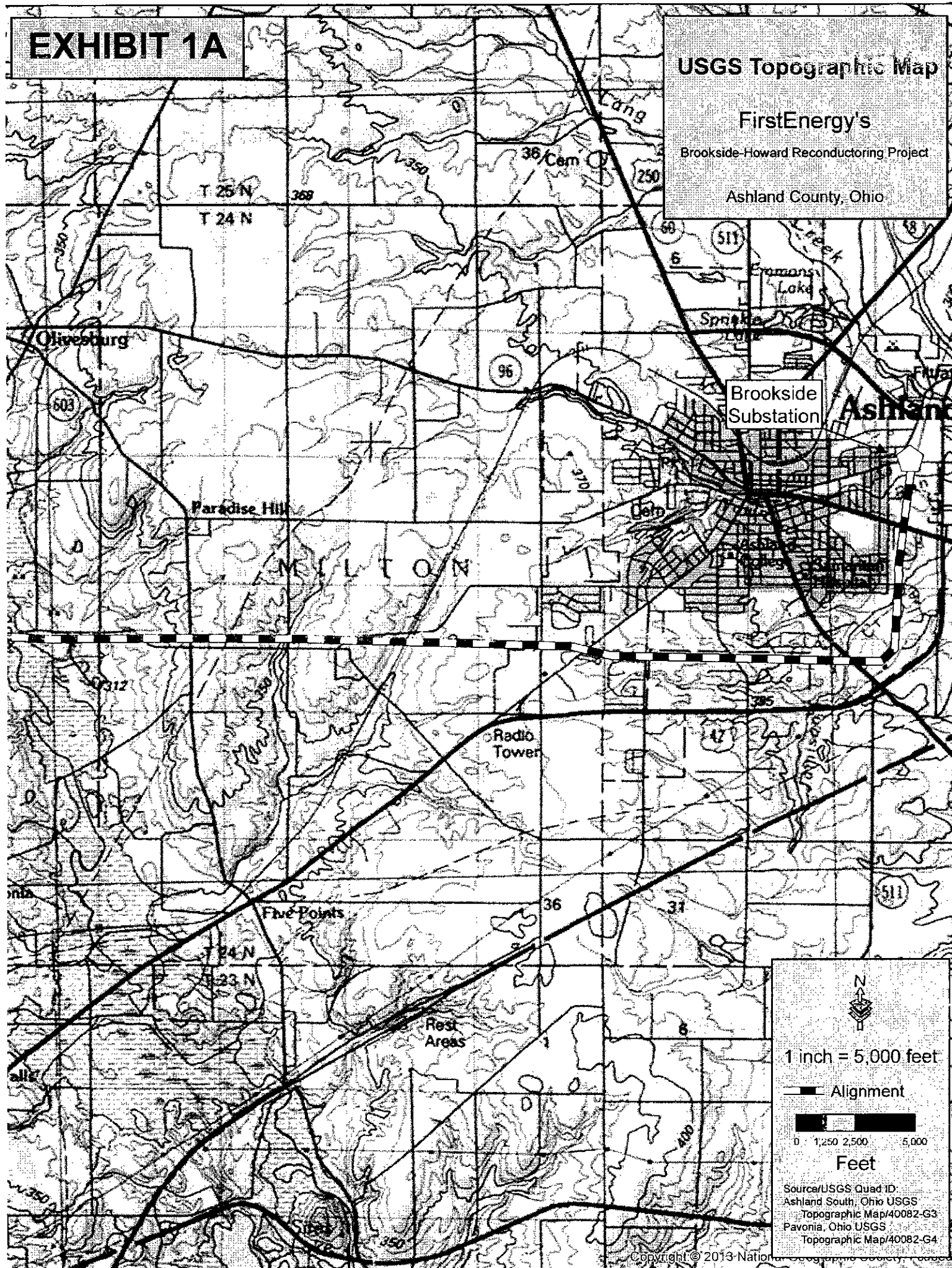
EXHIBIT 1A

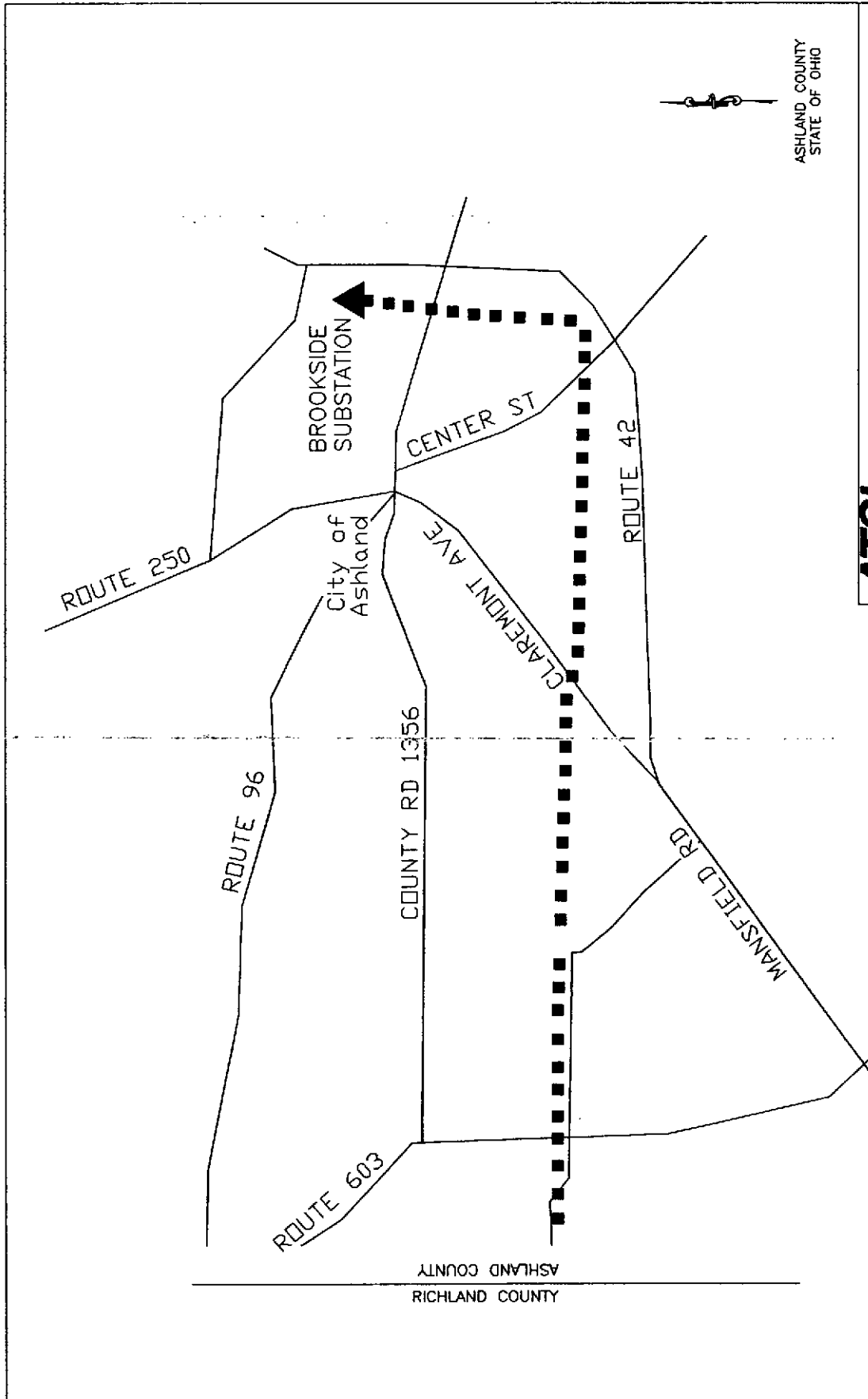
USGS Topographic Map

FirstEnergy's

Brookside-Howard Reconductoring Project

Ashland County, Ohio





ASHLAND COUNTY
STATE OF OHIO



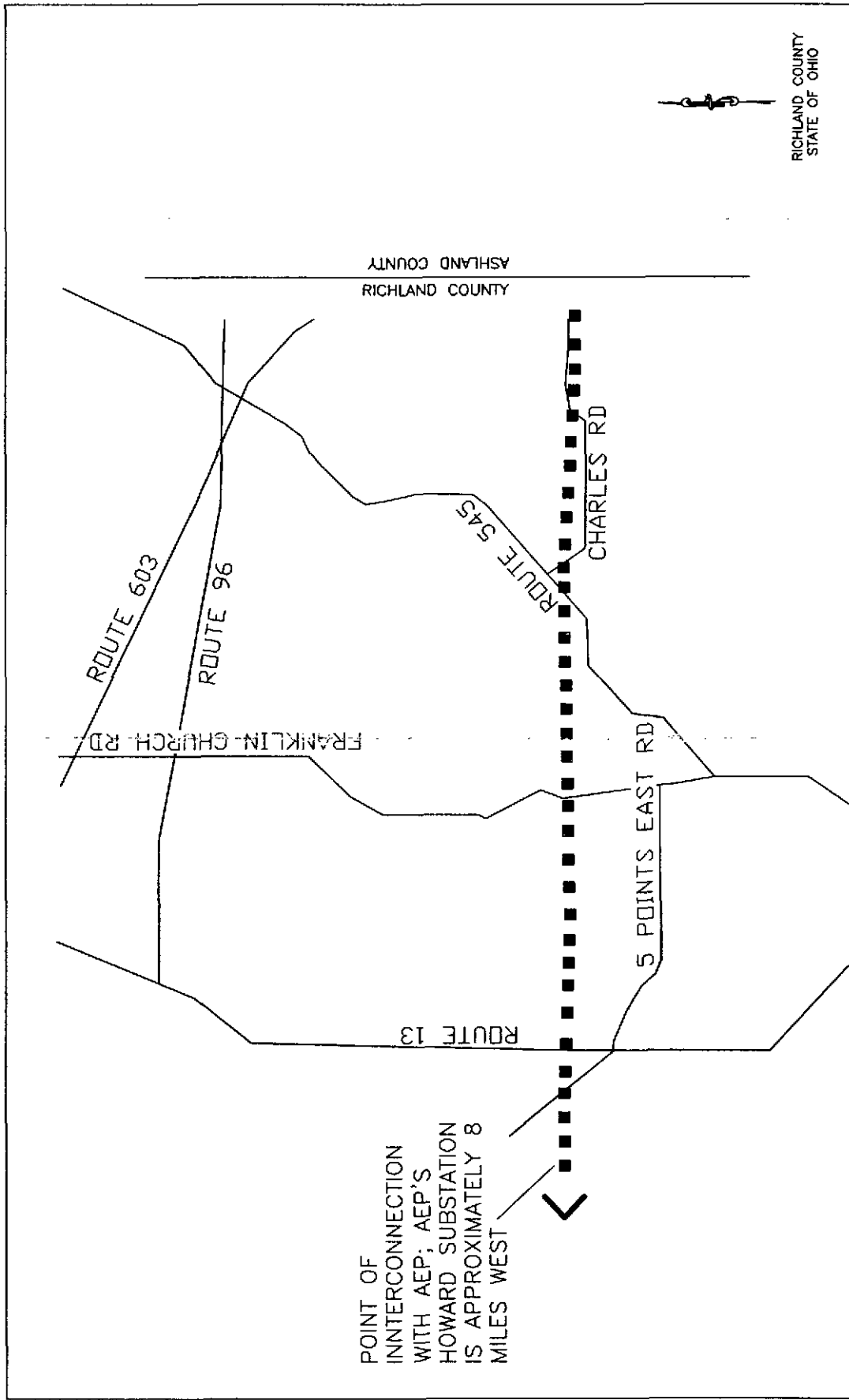
BROOKSIDE-HOWARD 138 kV
TRANSMISSION LINE RECONDUCTORING
American Transmission Systems, Inc.
a subsidiary of Entergy Ohio


LEGEND

- ▲ PROPOSED SUBSTATION
- EXISTING STRUCTURE
- EXISTING ROADS

GENERAL LAYOUT

EXHIBIT 2A







BROOKSIDE-HOWARD 138 kV
 TRANSMISSION LINE RECONDUCTORING
American Transmission Systems, Inc.
 A member of Progress Corp.

GENERAL LAYOUT

EXHIBIT 2B

LEGEND


 EXISTING STRUCTURE


 EXISTING ROADS