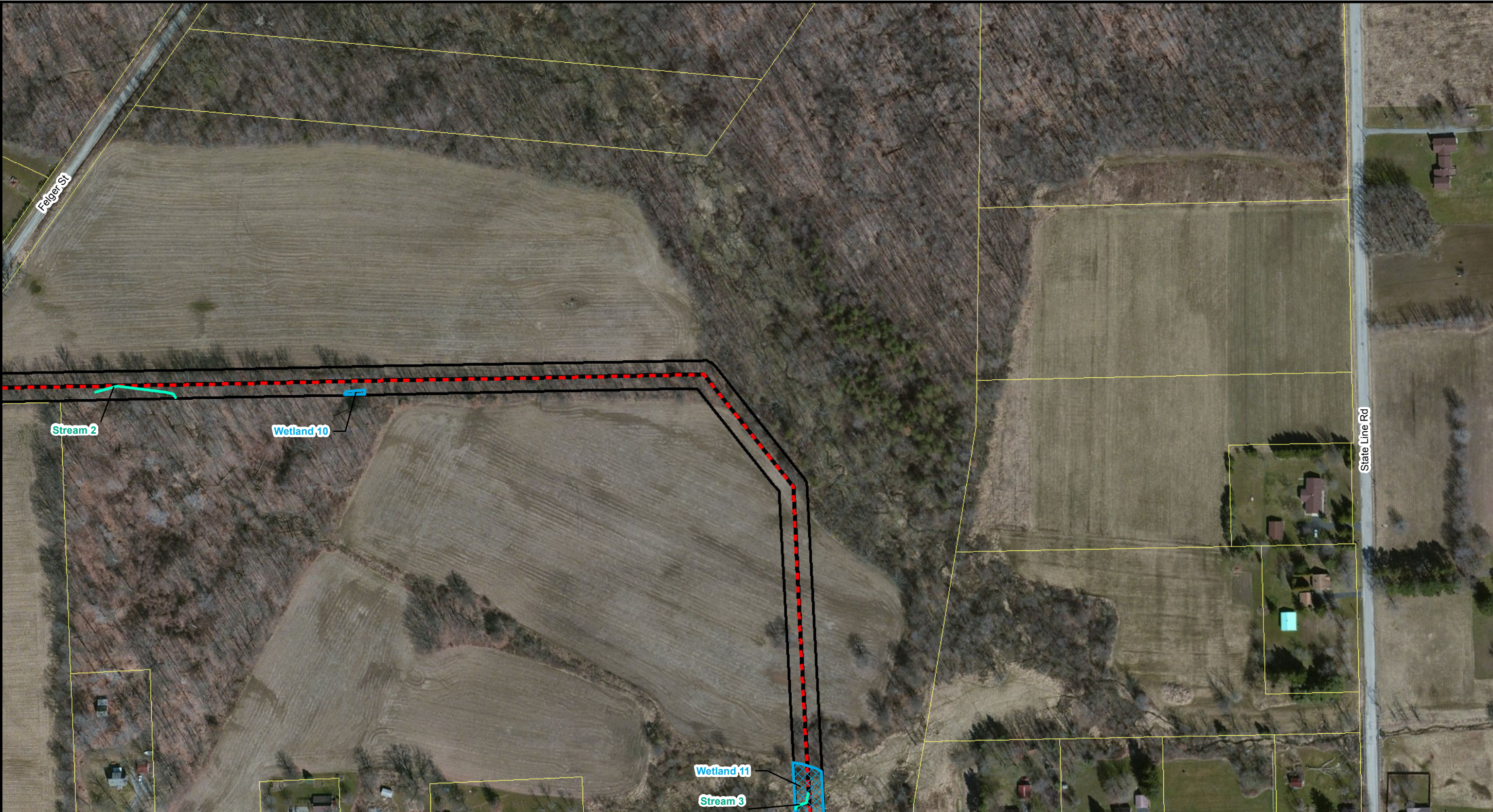
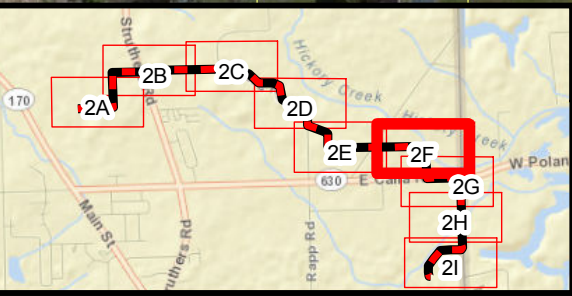
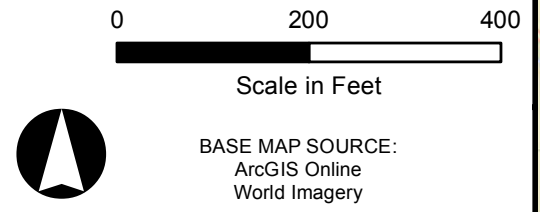


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- LEGEND:
- | | |
|--------------------------------|------------------------|
| Project Centerline | Delineated HHEI Stream |
| Sammis-Lowellville 138 kV Line | Delineated QHEI Stream |
| 60-foot Construction Corridor | Delineated Wetland |
| | Delineated Pond |
| | Parcel Boundary |





Lowellville-Sammis
138 kV Tap to the
Pennant Midstream Facility

EXHIBIT 2F
WETLAND DELINEATION
AND STREAM ASSESSMENT MAP

JOB NO. 14951095

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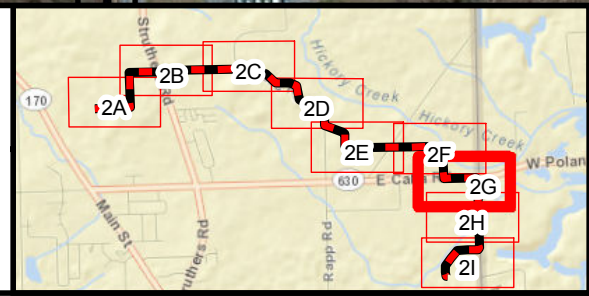


- LEGEND:
- Project Centerline
 - Sammis-Lowellville 138 kV Line
 - 60-foot Construction Corridor
 - Delineated HHEI Stream
 - Delineated QHEI Stream
 - Delineated Wetland
 - Delineated Pond
 - Parcel Boundary

0 200 400

Scale in Feet

BASE MAP SOURCE:
ArcGIS Online
World Imagery





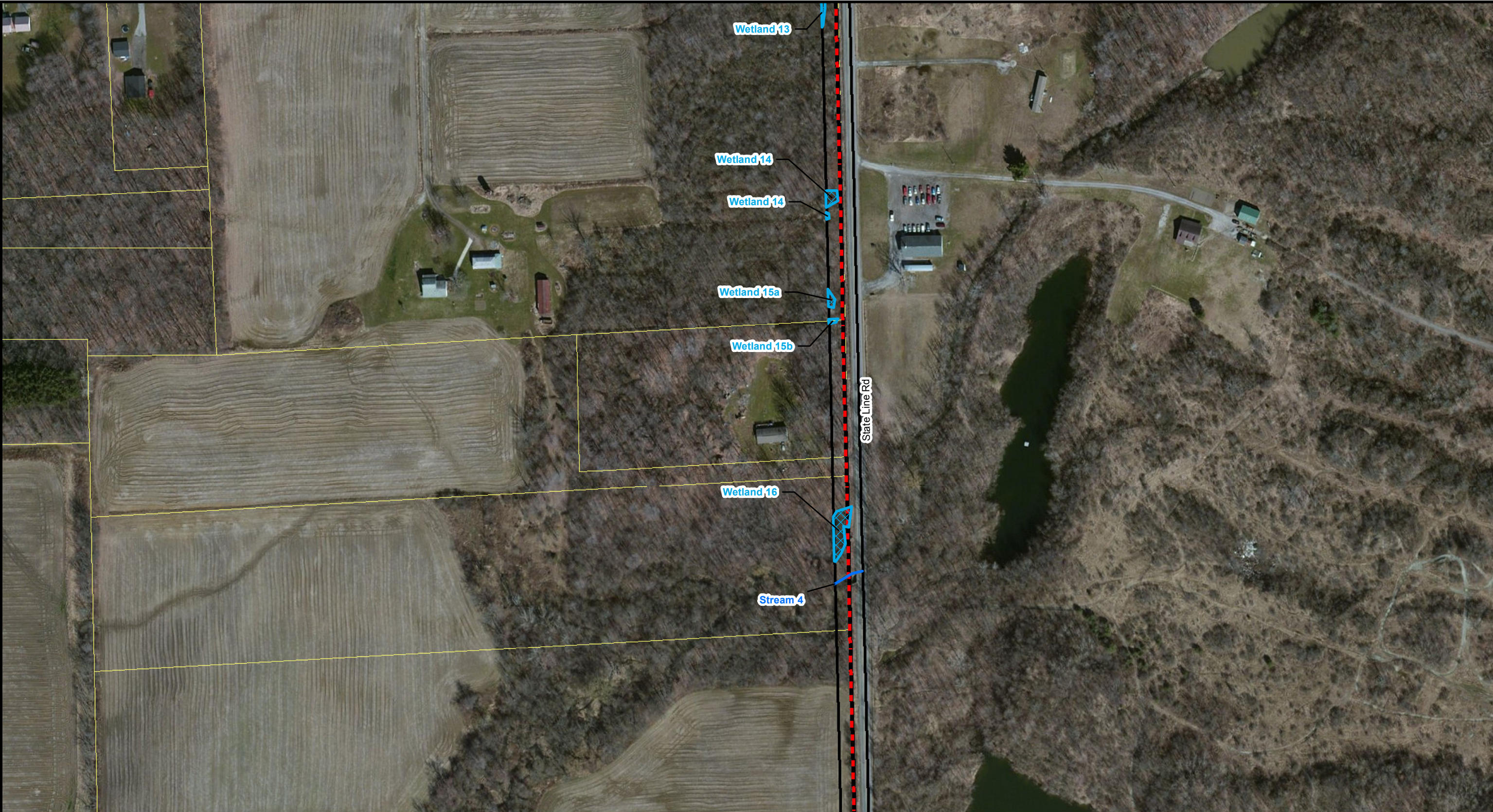
Lowellville-Sammis
138 kV Tap to the
Pennant Midstream Facility

EXHIBIT 2G
WETLAND DELINEATION
AND STREAM ASSESSMENT MAP

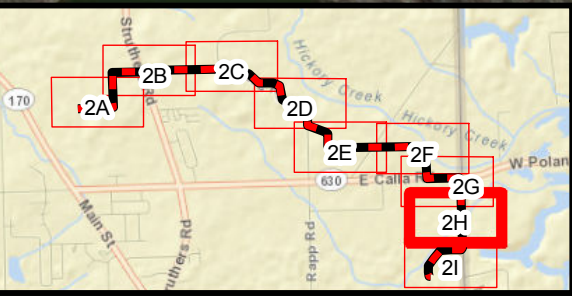
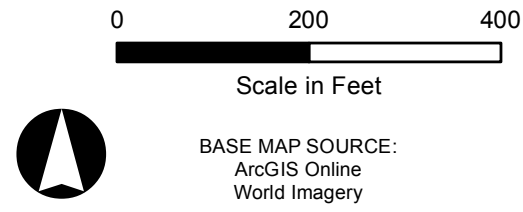
JOB NO. 14951095



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- LEGEND:
- | | |
|--------------------------------|------------------------|
| Project Centerline | Delineated HHEI Stream |
| Sammis-Lowellville 138 kV Line | Delineated QHEI Stream |
| 60-foot Construction Corridor | Delineated Wetland |
| | Delineated Pond |
| | Parcel Boundary |



Lowellville-Sammis
138 kV Tap to the
Pennant Midstream Facility

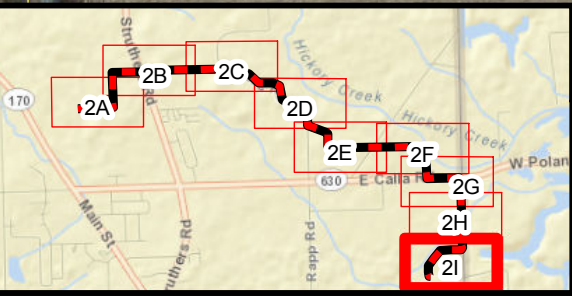
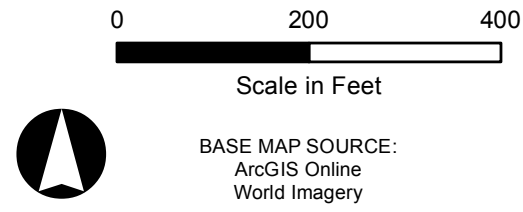
EXHIBIT 2H
WETLAND DELINEATION
AND STREAM ASSESSMENT MAP

JOB NO. 14951095

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- LEGEND:
- Project Centerline
 - Sammis-Lowellville 138 kV Line
 - 60-foot Construction Corridor
 - Delineated HHEI Stream
 - Delineated QHEI Stream
 - Delineated Wetland
 - Delineated Pond
 - Parcel Boundary



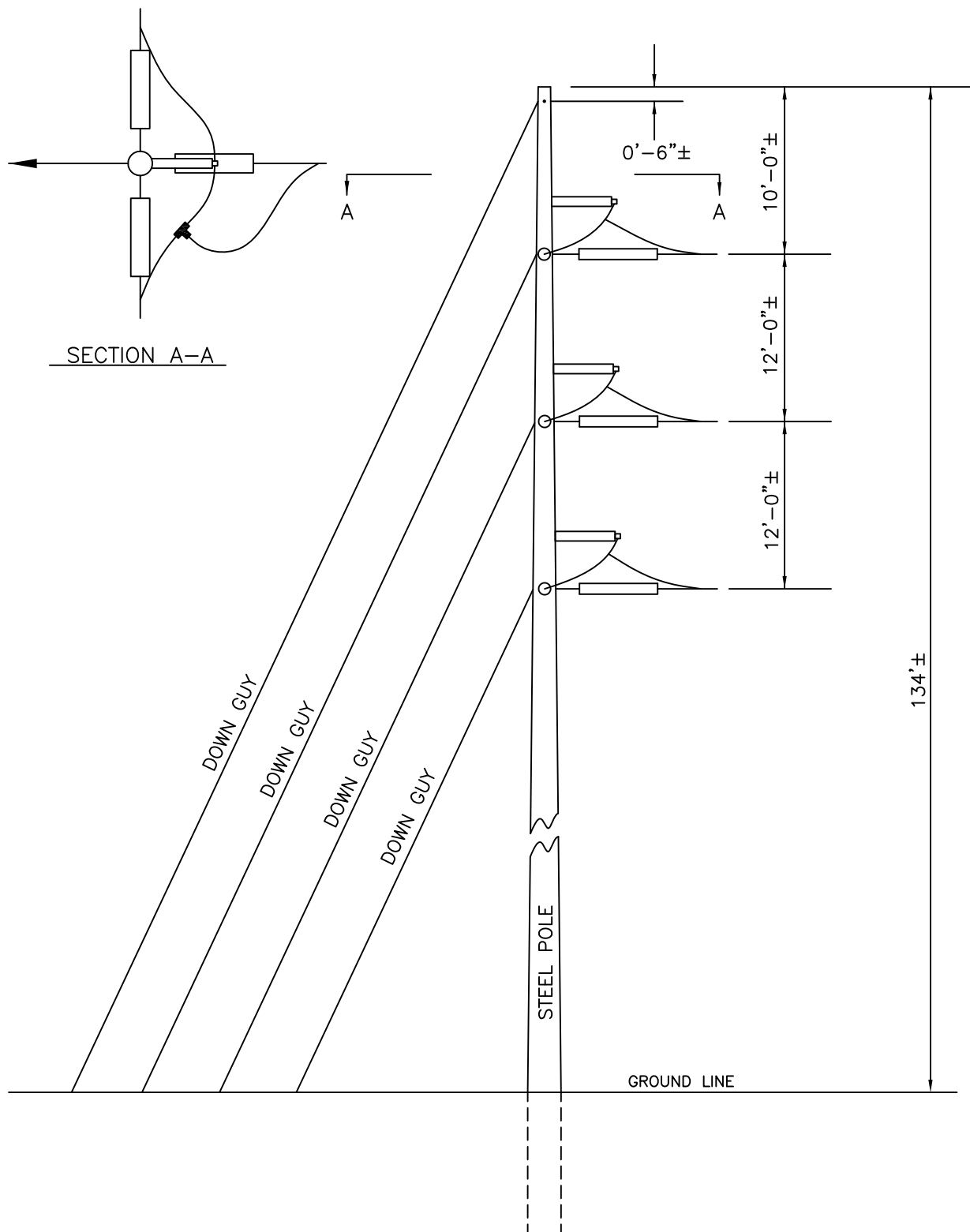


Lowellville-Sammis
138 kV Tap to the
Pennant Midstream Facility

EXHIBIT 2I
WETLAND DELINEATION
AND STREAM ASSESSMENT MAP

JOB NO. 14951095

EXHIBIT 3
TYPICAL STRUCTURE



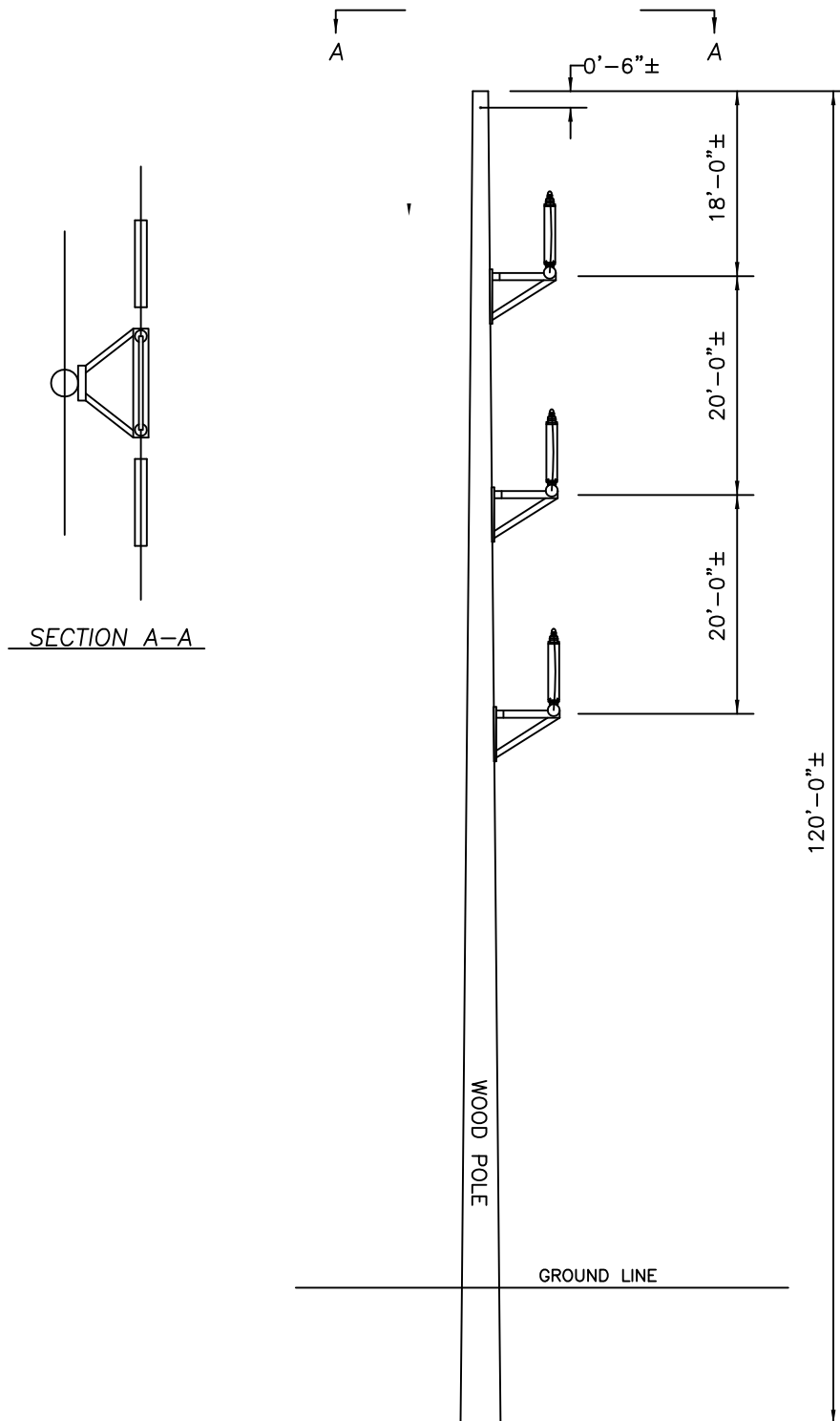
ATSI[®]
 American Transmission Systems, Inc.
 a subsidiary of FirstEnergy Corp.

LOWELLVILLE-SAMMIS 138 kV
 TRANSMISSION LINE TAP TO
 PENNANT MIDSTREAM

TAP STRUCTURE WITH DISCONNECTABLE TAPS

EXHIBIT 3

EXHIBIT 4
TYPICAL STRUCTURE

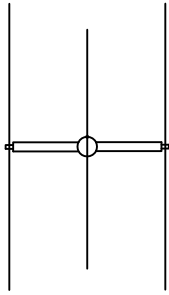


LOWELLVILLE-SAMMIS 138 kV
TRANSMISSION LINE TAP TO
PENNANT MIDSTREAM

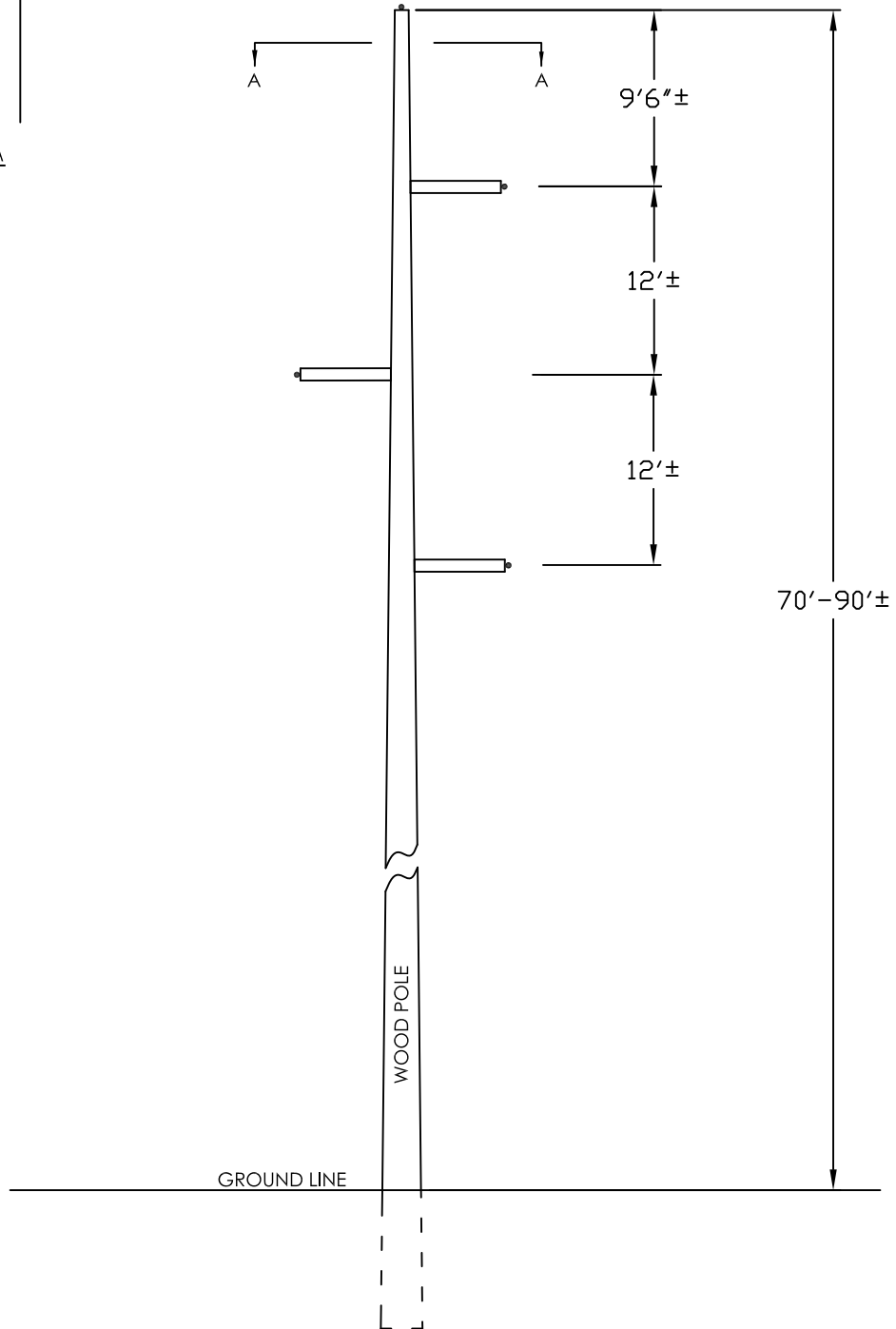
TYPICAL SINGLE CIRCUIT 138 kV SWITCH STRUCTURE

EXHIBIT 4

EXHIBIT 5
TYPICAL STRUCTURE



SECTION A-A

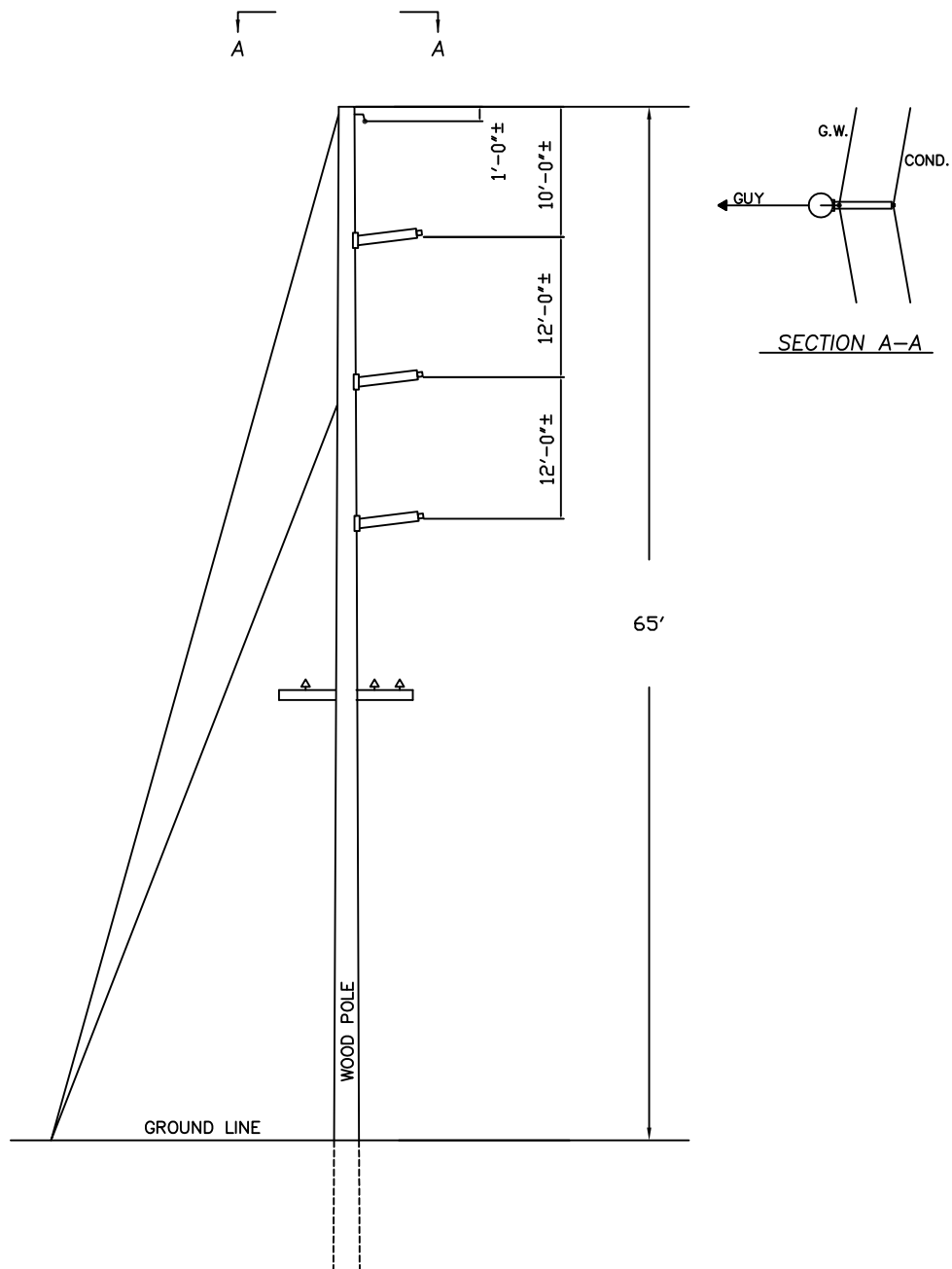


LOWELLVILLE-SAMMIS 138 kV
TRANSMISSION LINE TAP TO
PENNANT MIDSTREAM

SINGLE CIRCUIT TANGENT POLE

EXHIBIT 5

EXHIBIT 6
TYPICAL STRUCTURE



NOTE:
DISTRIBUTION UNDERBUILD AND GUYING AS NEEDED

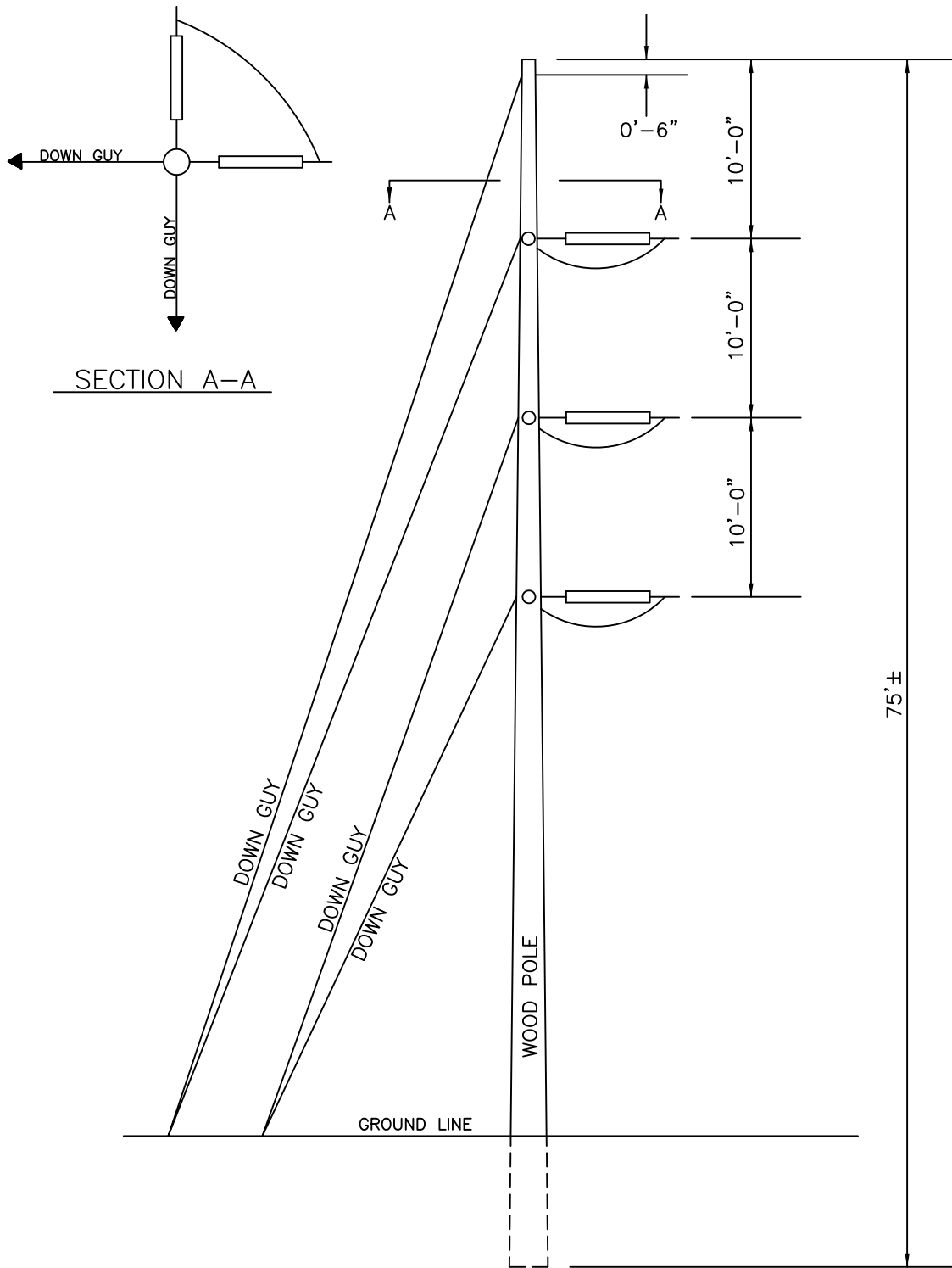


LOWELLVILLE-SAMMIS 138 kV
TRANSMISSION LINE TAP TO
PENNANT MIDSTREAM

LIGHT ANGLE STRUCTURE

EXHIBIT 6

EXHIBIT 7
TYPICAL STRUCTURE

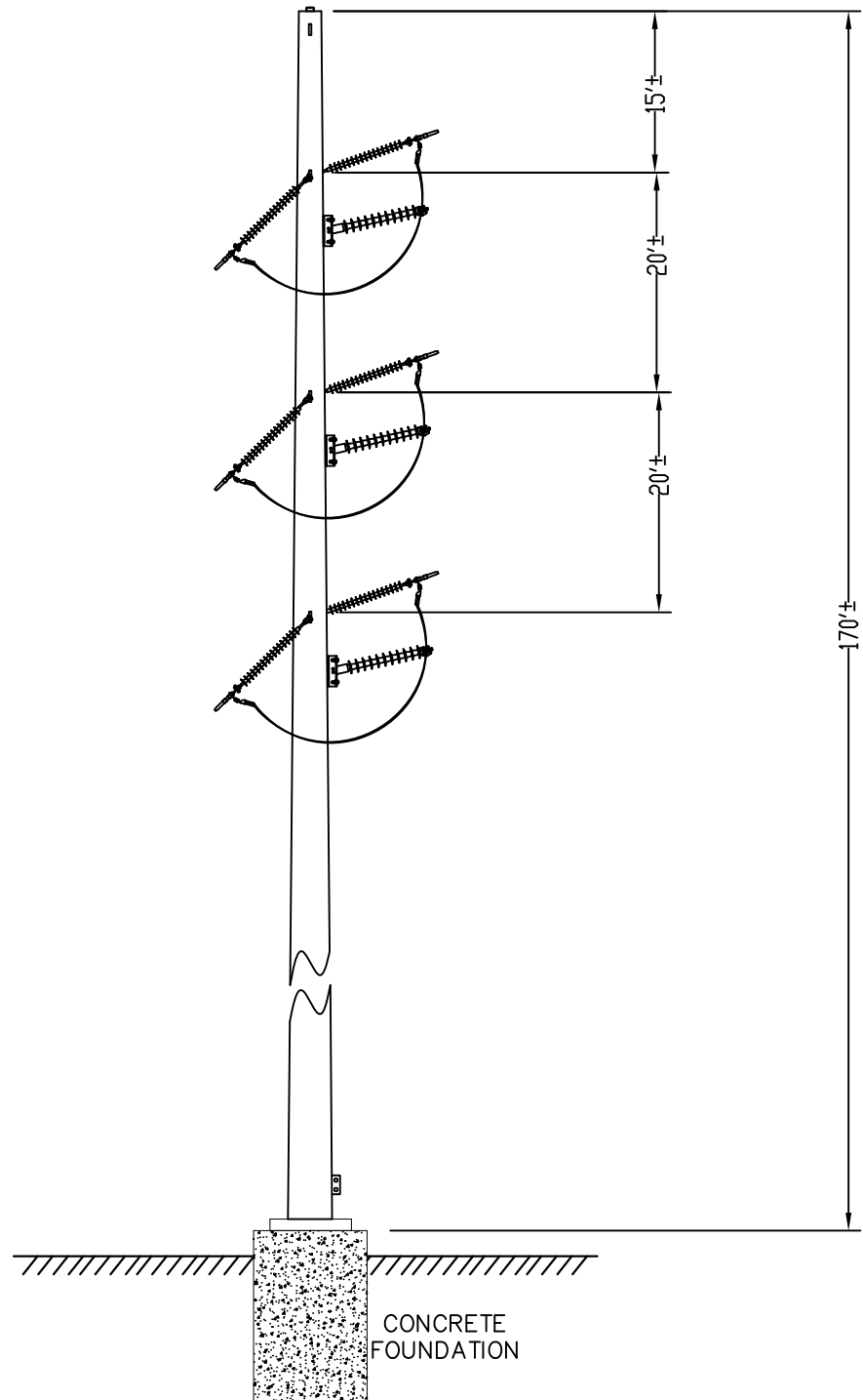


LOWELLVILLE-SAMMIS 138 kV
TRANSMISSION LINE TAP TO
PENNANT MIDSTREAM

TYPICAL CORNER DEAD END STRUCTURE

EXHIBIT 7

EXHIBIT 8
TYPICAL STRUCTURE



ATSI[®]
 American Transmission Systems, Inc.
 a subsidiary of FirstEnergy Corp.

LOWELLVILLE-SAMMIS 138 kV
 TRANSMISSION LINE TAP TO
 PENNANT MIDSTREAM

TAP STRUCTURE WITH DISCONNECTABLE TAPS

EXHIBIT 8

APPENDIX 1

LETTERS TO PUBLIC OFFICIALS



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

76 South Main St.
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

The Honorable David Ditzler
Mahoning County Commissioner
21 West Boardman Street
Youngstown, OH 44503

Letter of Notification
Lowellville-Sammis 138 kV Transmission Line
Tap to Pennant Midstream Project
Case No. 14-0036-EL-BLN

Dear Commissioner Ditzler,

In the above captioned project, American Transmission Systems, Incorporated (“ATSI”) and the Ohio Edison Company (“Ohio Edison”), FirstEnergy companies, are proposing to install an approximately 18,500 foot (3.5 miles) long, 138 kV radial transmission line tap from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned facility. The new transmission line construction will extend from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned substation. As part of the Project, three (3) new structures will be installed in the existing Lowellville-Sammis 138 kV Transmission Line for the tap structure and two (2) new switch structures. Approximately 93 new structures will be installed for the transmission line tap, including one (1) switch structure. The Project area is located in Springfield Township, Mahoning 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 Letter of Notification (“LON”). Therefore, in compliance with OAC 4906-11-01 of the OPSB’s Rules and Regulations, 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) 384-2526.

Sincerely,

Scott Humphrys
Transmission Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment



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

76 South Main St.
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

The Honorable Anthony Traficanti
Mahoning County Commissioner
21 West Boardman Street
Youngstown, OH 44503

Letter of Notification
Lowellville-Sammis 138 kV Transmission Line
Tap to Pennant Midstream Project
Case No. 14-0036-EL-BLN

Dear Commissioner Traficanti,

In the above captioned project, American Transmission Systems, Incorporated ("ATSI") and the Ohio Edison Company ("Ohio Edison"), FirstEnergy companies, are proposing to install an approximately 18,500 foot (3.5 miles) long, 138 kV radial transmission line tap from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned facility. The new transmission line construction will extend from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned substation. As part of the Project, three (3) new structures will be installed in the existing Lowellville-Sammis 138 kV Transmission Line for the tap structure and two (2) new switch structures. Approximately 93 new structures will be installed for the transmission line tap, including one (1) switch structure. The Project area is located in Springfield Township, Mahoning County, Ohio.

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,

Scott Humphrys
Transmission Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment



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

76 South Main St.
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

The Honorable Carol Rimedio-Righetti
Mahoning County Commissioner
21 West Boardman Street
Youngstown, OH 44503

Letter of Notification
Lowellville-Sammis 138 kV Transmission Line
Tap to Pennant Midstream Project
Case No. 14-0036-EL-BLN

Dear Commissioner Righetti,

In the above captioned project, American Transmission Systems, Incorporated (“ATSI”) and the Ohio Edison Company (“Ohio Edison”), FirstEnergy companies, are proposing to install an approximately 18,500 foot (3.5 miles) long, 138 kV radial transmission line tap from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned facility. The new transmission line construction will extend from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned substation. As part of the Project, three (3) new structures will be installed in the existing Lowellville-Sammis 138 kV Transmission Line for the tap structure and two (2) new switch structures. Approximately 93 new structures will be installed for the transmission line tap, including one (1) switch structure. The Project area is located in Springfield Township, Mahoning County, Ohio.

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,

Scott Humphrys
Transmission Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment



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

76 South Main St.
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Mr. Patrick Ginnetti, P.E., P.S.
Mahoning County Engineer
940 Bears Den Road
Youngstown, OH 44511

Letter of Notification
Lowellville-Sammis 138 kV Transmission Line
Tap to Pennant Midstream Project
Case No. 14-0036-EL-BLN

Dear Mr. Ginnetti,

In the above captioned project, American Transmission Systems, Incorporated ("ATSI") and the Ohio Edison Company ("Ohio Edison"), FirstEnergy companies, are proposing to install an approximately 18,500 foot (3.5 miles) long, 138 kV radial transmission line tap from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned facility. The new transmission line construction will extend from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned substation. As part of the Project, three (3) new structures will be installed in the existing Lowellville-Sammis 138 kV Transmission Line for the tap structure and two (2) new switch structures. Approximately 93 new structures will be installed for the transmission line tap, including one (1) switch structure. The Project area is located in Springfield Township, Mahoning County, Ohio.

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,

Scott Humphrys
Transmission Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment



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

76 South Main St.
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Mr. Robert J. Lidle, Chair
Mahoning County Planning Commission
50 Westchester Drive, Suite 203
Youngstown, OH 44515

Letter of Notification
Lowellville-Sammis 138 kV Transmission Line
Tap to Pennant Midstream Project
Case No. 14-0036-EL-BLN

Dear Mr. Lidle,

In the above captioned project, American Transmission Systems, Incorporated (“ATSI”) and the Ohio Edison Company (“Ohio Edison”), FirstEnergy companies, are proposing to install an approximately 18,500 foot (3.5 miles) long, 138 kV radial transmission line tap from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned facility. The new transmission line construction will extend from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned substation. As part of the Project, three (3) new structures will be installed in the existing Lowellville-Sammis 138 kV Transmission Line for the tap structure and two (2) new switch structures. Approximately 93 new structures will be installed for the transmission line tap, including one (1) switch structure. The Project area is located in Springfield Township, Mahoning 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 Letter of Notification (“LON”). Therefore, in compliance with OAC 4906-11-01 of the OPSB’s Rules and Regulations, 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) 384-2526.

Sincerely,

Scott Humphrys
Transmission Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment



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

76 South Main St.
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Mr. Robert Orr
Trustee, Springfield Township
3475 East South Range Road
New Springfield, OH 44443

Letter of Notification
Lowellville-Sammis 138 kV Transmission Line
Tap to Pennant Midstream Project
Case No. 14-0036-EL-BLN

Dear Mr. Orr,

In the above captioned project, American Transmission Systems, Incorporated ("ATSI") and the Ohio Edison Company ("Ohio Edison"), FirstEnergy companies, are proposing to install an approximately 18,500 foot (3.5 miles) long, 138 kV radial transmission line tap from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned facility. The new transmission line construction will extend from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned substation. As part of the Project, three (3) new structures will be installed in the existing Lowellville-Sammis 138 kV Transmission Line for the tap structure and two (2) new switch structures. Approximately 93 new structures will be installed for the transmission line tap, including one (1) switch structure. The Project area is located in Springfield Township, Mahoning 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 Letter of Notification ("LON"). Therefore, in compliance with OAC 4906-11-01 of the OPSB's Rules and Regulations, 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) 384-2526.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Humphrys", is written over a light blue rectangular background.

Scott Humphrys
Transmission Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment



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

76 South Main St.
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Mr. Donald Williams
Trustee, Springfield Township
3475 East South Range Road
New Springfield, OH 44443

Letter of Notification
Lowellville-Sammis 138 kV Transmission Line
Tap to Pennant Midstream Project
Case No. 14-0036-EL-BLN

Dear Mr. Williams,

In the above captioned project, American Transmission Systems, Incorporated (“ATSI”) and the Ohio Edison Company (“Ohio Edison”), FirstEnergy companies, are proposing to install an approximately 18,500 foot (3.5 miles) long, 138 kV radial transmission line tap from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned facility. The new transmission line construction will extend from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned substation. As part of the Project, three (3) new structures will be installed in the existing Lowellville-Sammis 138 kV Transmission Line for the tap structure and two (2) new switch structures. Approximately 93 new structures will be installed for the transmission line tap, including one (1) switch structure. The Project area is located in Springfield Township, Mahoning 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 Letter of Notification (“LON”). Therefore, in compliance with OAC 4906-11-01 of the OPSB’s Rules and Regulations, 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) 384-2526.

Sincerely,

Scott Humphrys
Transmission Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment



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

76 South Main St.
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Mr. Gerald Guterba
Trustee, Springfield Township
3475 East South Range Road
New Springfield, OH 44443

Letter of Notification
Lowellville-Sammis 138 kV Transmission Line
Tap to Pennant Midstream Project
Case No. 14-0036-EL-BLN

Dear Mr. Guterba,

In the above captioned project, American Transmission Systems, Incorporated ("ATSI") and the Ohio Edison Company ("Ohio Edison"), FirstEnergy companies, are proposing to install an approximately 18,500 foot (3.5 miles) long, 138 kV radial transmission line tap from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned facility. The new transmission line construction will extend from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned substation. As part of the Project, three (3) new structures will be installed in the existing Lowellville-Sammis 138 kV Transmission Line for the tap structure and two (2) new switch structures. Approximately 93 new structures will be installed for the transmission line tap, including one (1) switch structure. The Project area is located in Springfield Township, Mahoning 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 Letter of Notification ("LON"). Therefore, in compliance with OAC 4906-11-01 of the OPSB's Rules and Regulations, 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) 384-2526.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Humphrys", is written over a light blue rectangular background.

Scott Humphrys
Transmission Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment



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

76 South Main St.
Akron, Ohio 44300

1-800-646-0400

January 10, 2014

Ms. Patti Gibson
Fiscal Officer, Springfield Township
3475 East South Range Road
New Springfield, OH 44443

Letter of Notification
Lowellville-Sammis 138 kV Transmission Line
Tap to Pennant Midstream Project
Case No. 14-0036-EL-BLN

Dear Ms. Gibson,

In the above captioned project, American Transmission Systems, Incorporated ("ATSI") and the Ohio Edison Company ("Ohio Edison"), FirstEnergy companies, are proposing to install an approximately 18,500 foot (3.5 miles) long, 138 kV radial transmission line tap from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned facility. The new transmission line construction will extend from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned substation. As part of the Project, three (3) new structures will be installed in the existing Lowellville-Sammis 138 kV Transmission Line for the tap structure and two (2) new switch structures. Approximately 93 new structures will be installed for the transmission line tap, including one (1) switch structure. The Project area is located in Springfield Township, Mahoning 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 Letter of Notification ("LON"). Therefore, in compliance with OAC 4906-11-01 of the OPSB's Rules and Regulations, 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) 384-2526.

Sincerely,

Scott Humphrys
Transmission Specialist
Energy Delivery Transmission and Substation
Design
FirstEnergy Service Company

Attachment

APPENDIX 2

COVER LETTER TO LIBRARY

January 10, 2013

The Public Library of
Youngstown & Mahoning County
Springfield Branch
Attn: Andrea Przybyliski
10418 Main Street
New Middletown, Ohio 44442

Re: OPSB Case No. 14-0036-EL-BLN
Lowellville-Sammis 138 kV Transmission Line Tap to Pennant
Midstream Project

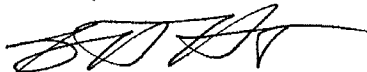
Dear Ms. Przybyliski:

Enclosed please find one copy of the Letter of Notification ("LON") application of American Transmission Systems, Incorporated ("ATSI") and the Ohio Edison Company ("Ohio Edison") for a Certificate of Environmental Compatibility and Public Need to construct, operate, and maintain the above named electric transmission line facility that has been filed with the Ohio Power Siting Board ("OPSB"). Please make the LON available for public reference in The Public Library of Youngstown & Mahoning County Springfield Branch. We are providing a copy of the LON for placement in your library in response to the requirements of the Ohio Administrative Code ("OAC") Section 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.

As described in the LON for the Lowellville-Sammis 138 kV Transmission Line Tap to Pennant Midstream Project, ATSI and Ohio Edison are proposing to install an approximately 18,500 foot (3.5 miles) long, 138 kV radial transmission line tap from the existing Lowellville-Sammis 138 kV Transmission Line to a new customer owned facility. The Project area is located in Springfield Township, Mahoning 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) 384-2526.

Sincerely,



Scott Humphrys
Transmission Specialist
Energy Delivery Transmission and
Substation Design
FirstEnergy Service Company

Enclosure

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

1/10/2014 1:58:01 PM

in

Case No(s). 14-0036-EL-BLN

Summary: Letter of Notification Lowellville-Sammis 138 kV Transmission Line Tap to Pennant Midstream Project (Part 3 of 3) electronically filed by Mr. Robert J Schmidt on behalf of American Transmission Systems Inc.