

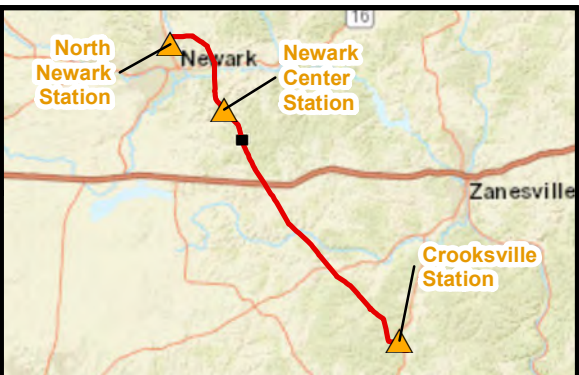
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LEGEND:

- Existing Structure
- Proposed Structure
- Culvert
- Upland Data Point
- Wetland Data Point
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Ephemeral Stream
- Delineated Intermittent Stream
- Delineated Perennial Stream
- Approximate Stream Location
- Delineated Wetland
- Approximate Wetland Location
- Delineated Pond
- Approximate Pond Location
- Project Survey Corridor

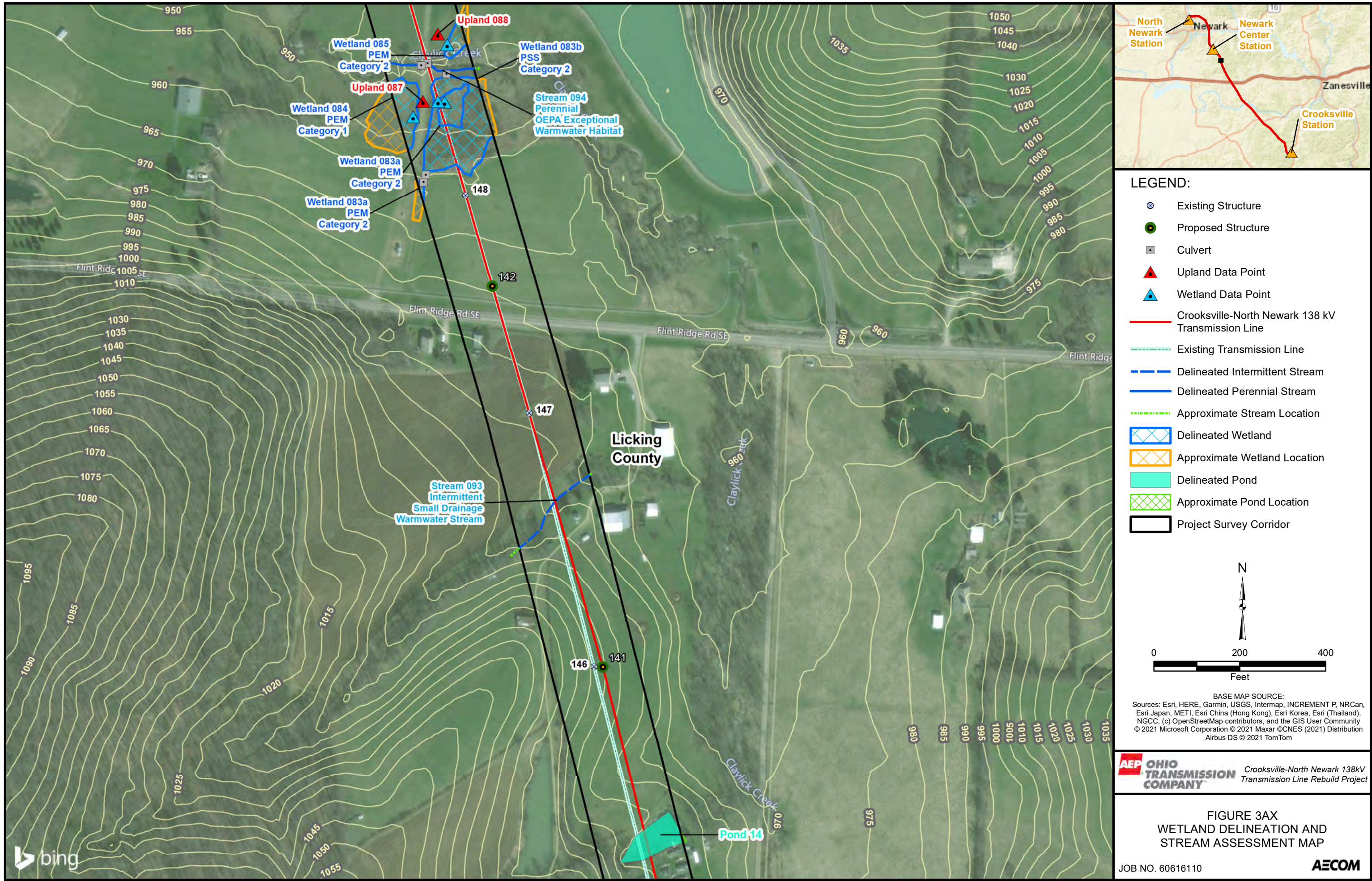
BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community © 2021 Microsoft Corporation © 2021 Maxar ©CNES (2021) Distribution Airbus DS © 2021 TomTom

AEP OHIO TRANSMISSION COMPANY Crooksville-North Newark 138kV Transmission Line Rebuild Project

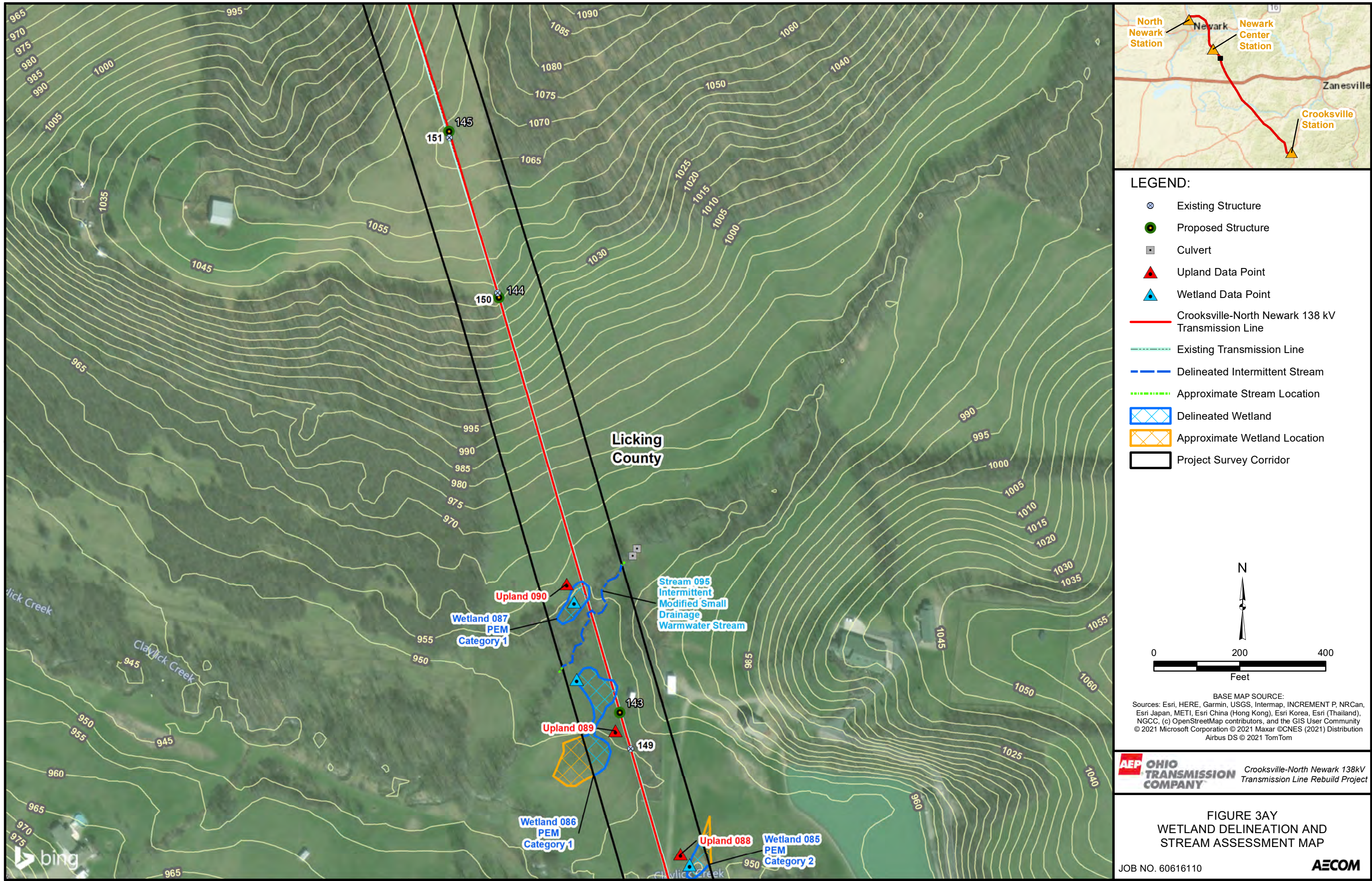
FIGURE 3AW
WETLAND DELINEATION AND
STREAM ASSESSMENT MAP

JOB NO. 60616110 **AECOM**

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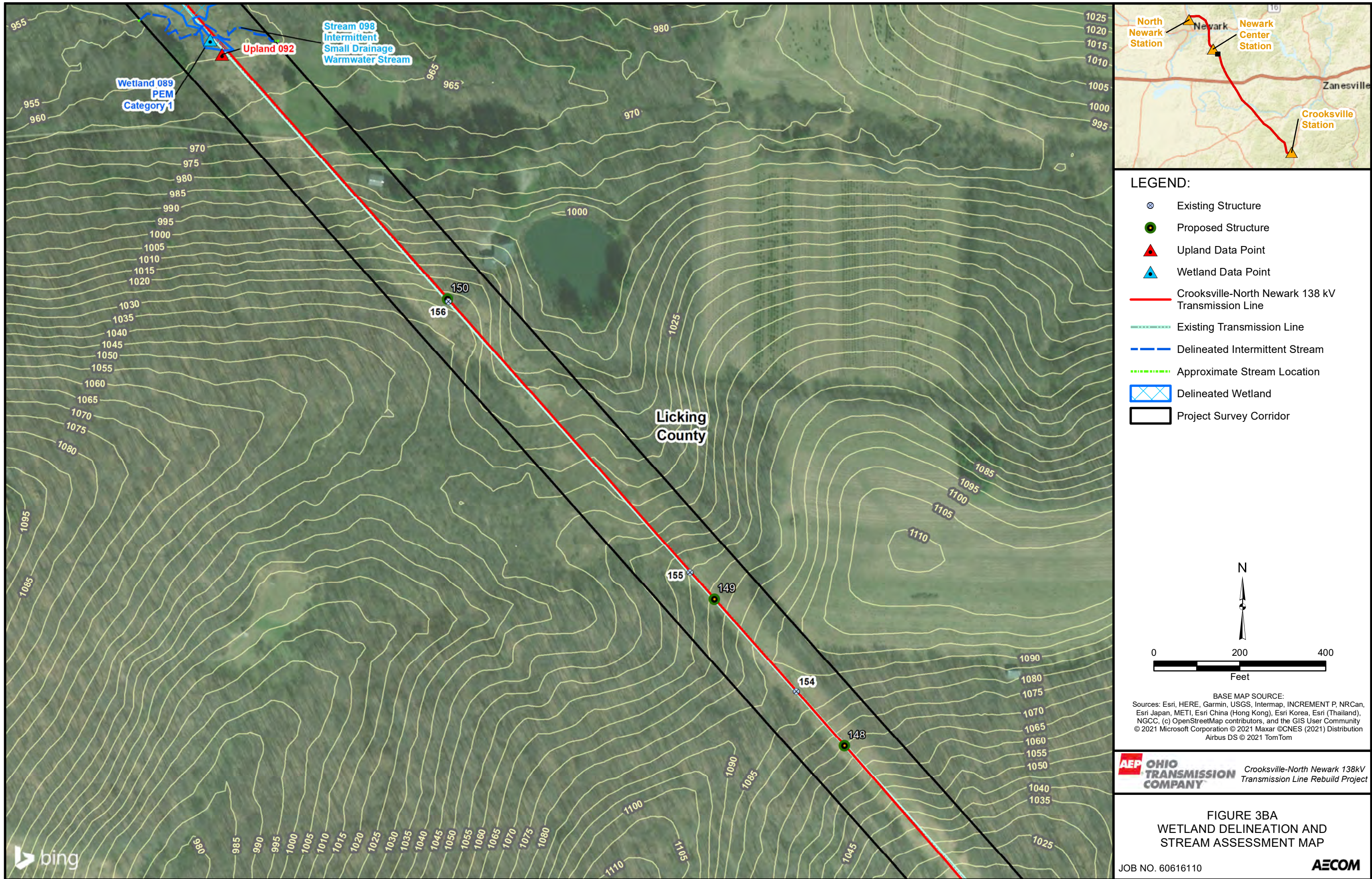
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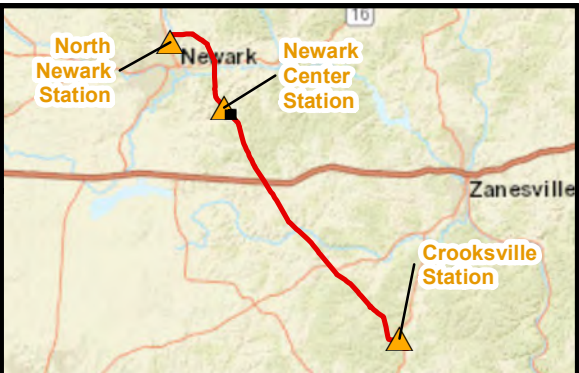
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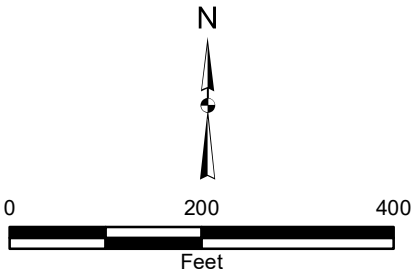
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- LEGEND:**
- Existing Structure
 - Proposed Structure
 - Upland Data Point
 - Wetland Data Point
 - Crooksville-North Newark 138 kV Transmission Line
 - Existing Transmission Line
 - Delineated Intermittent Stream
 - Approximate Stream Location
 - Delineated Wetland
 - Project Survey Corridor



BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
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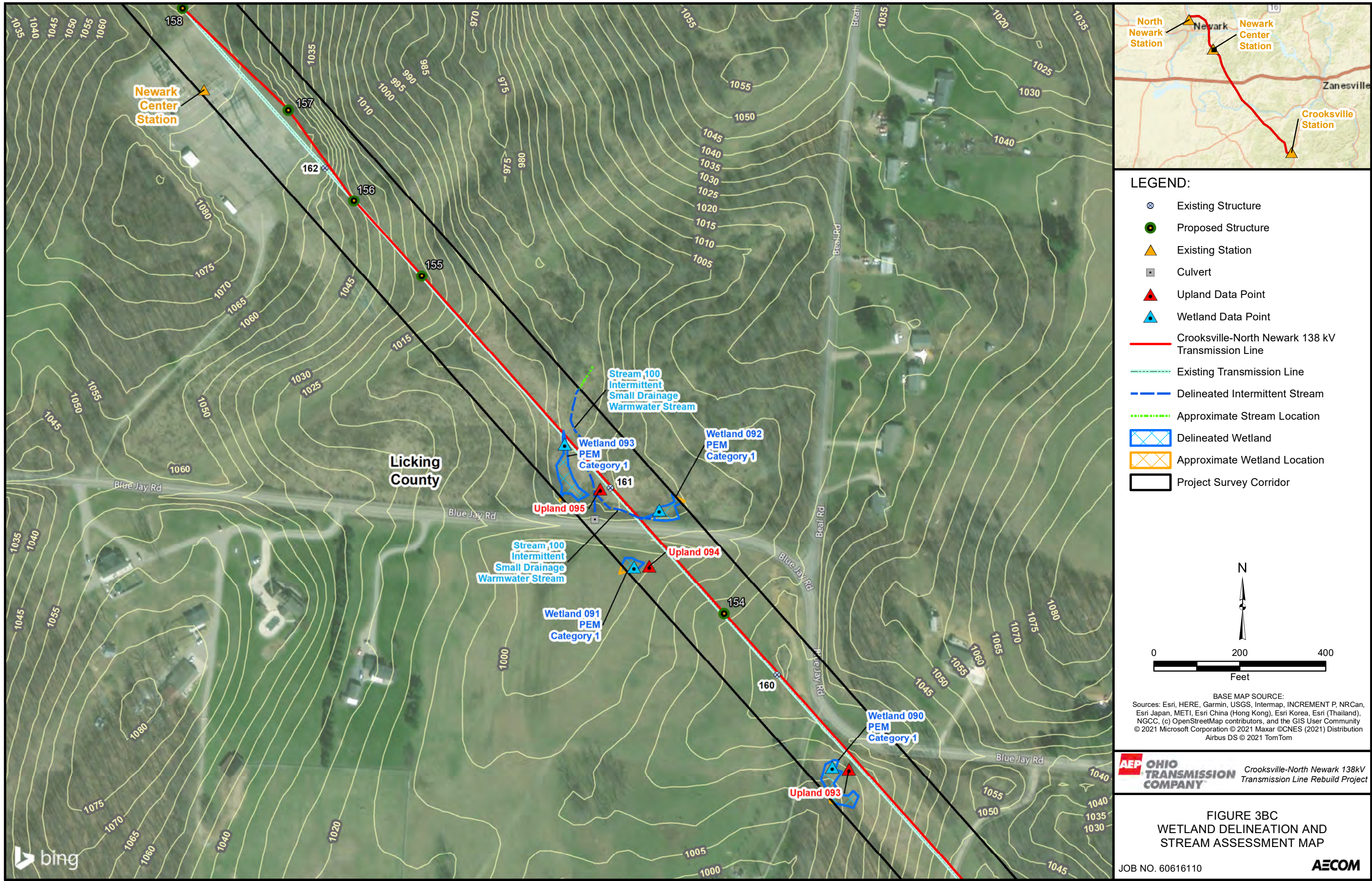
AEP OHIO TRANSMISSION COMPANY Crooksville-North Newark 138kV Transmission Line Rebuild Project

**FIGURE 3BB
WETLAND DELINEATION AND
STREAM ASSESSMENT MAP**

JOB NO. 60616110

AECOM

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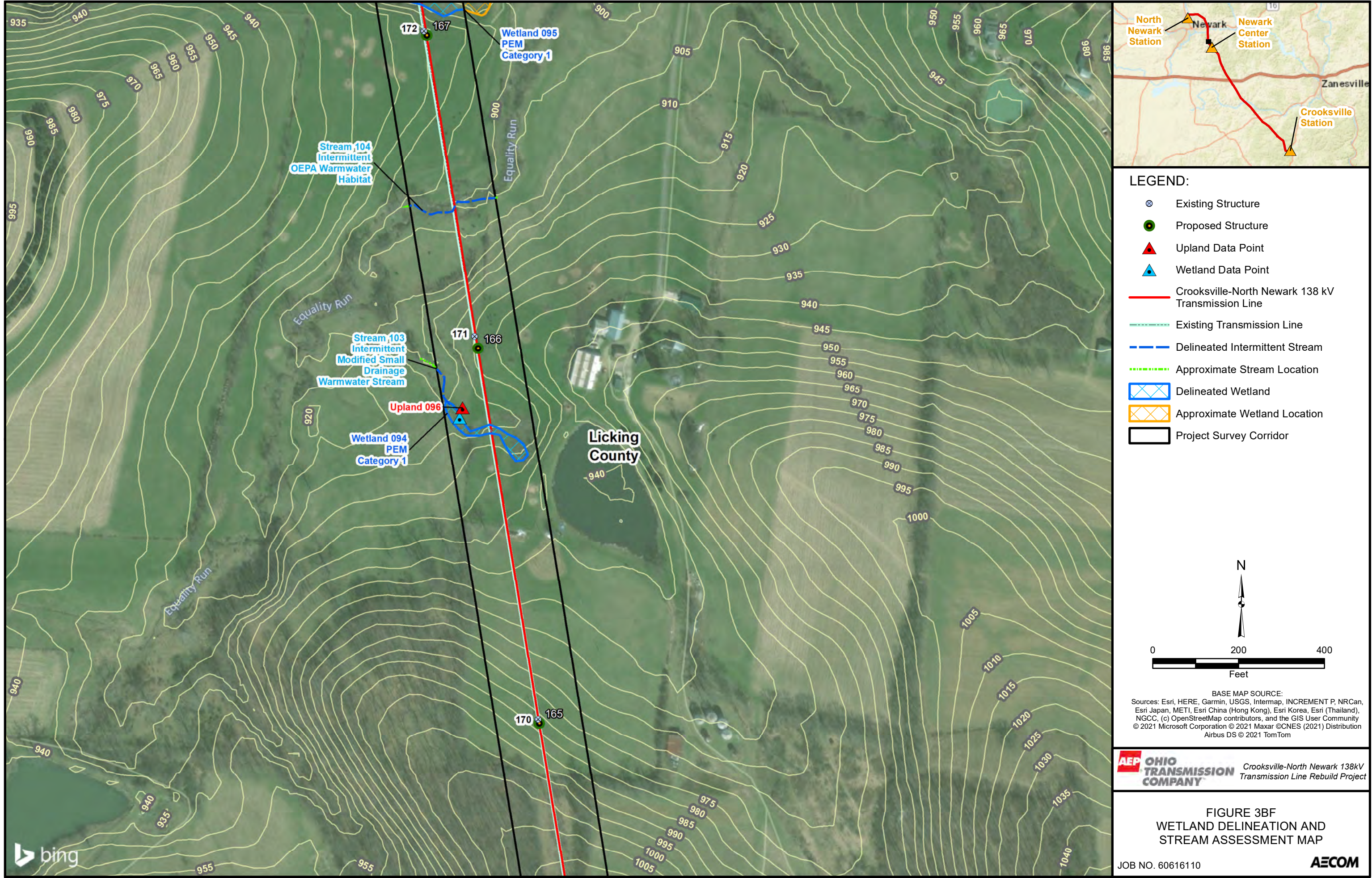
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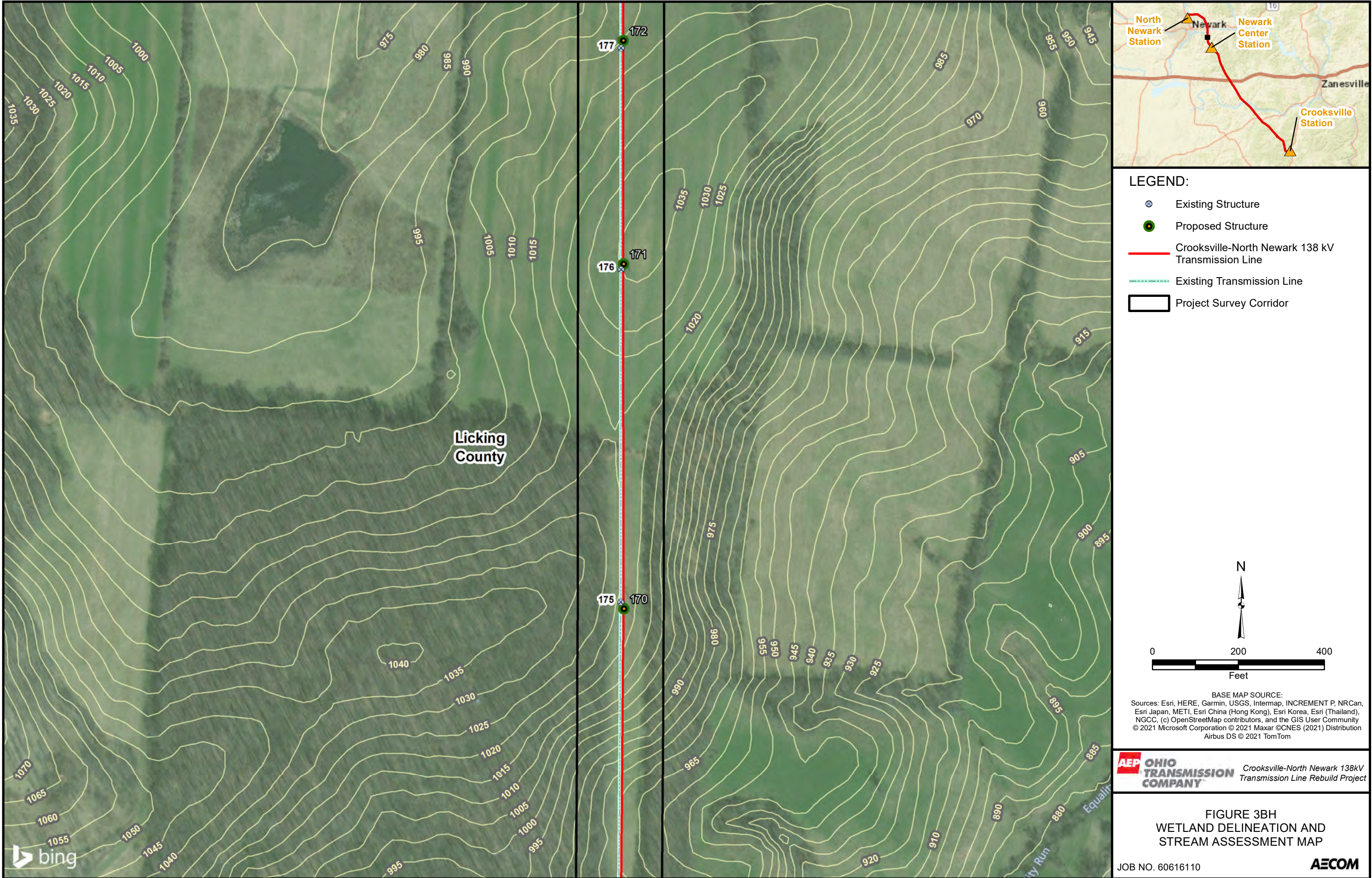
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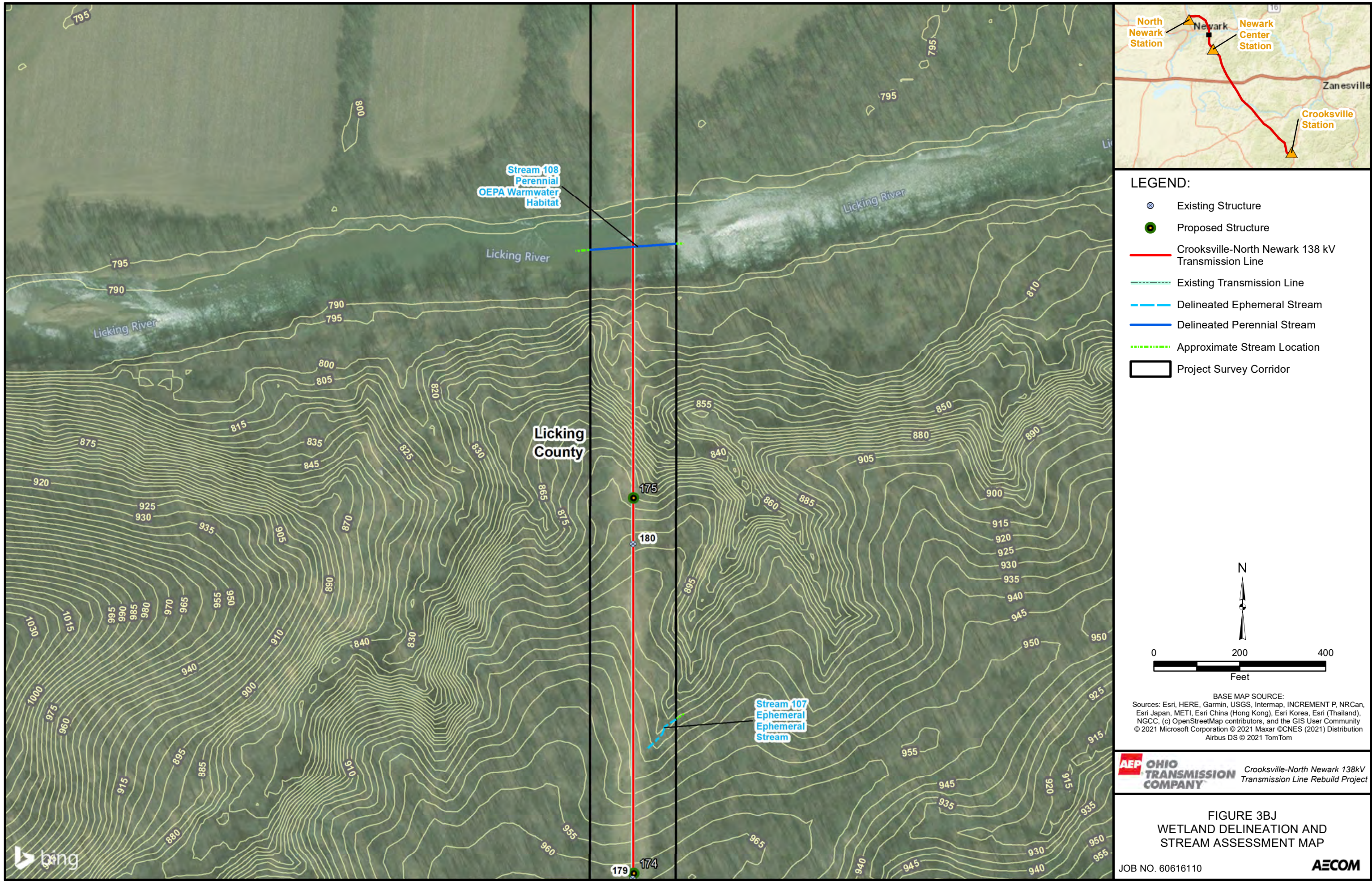
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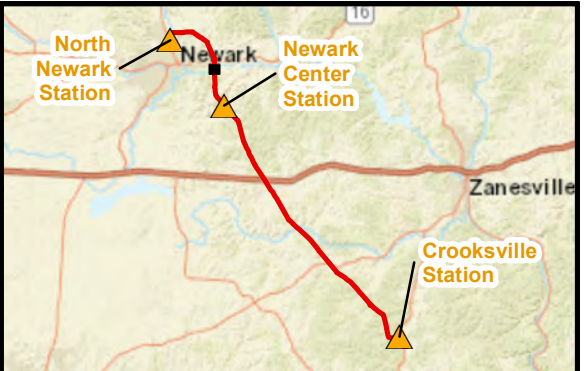
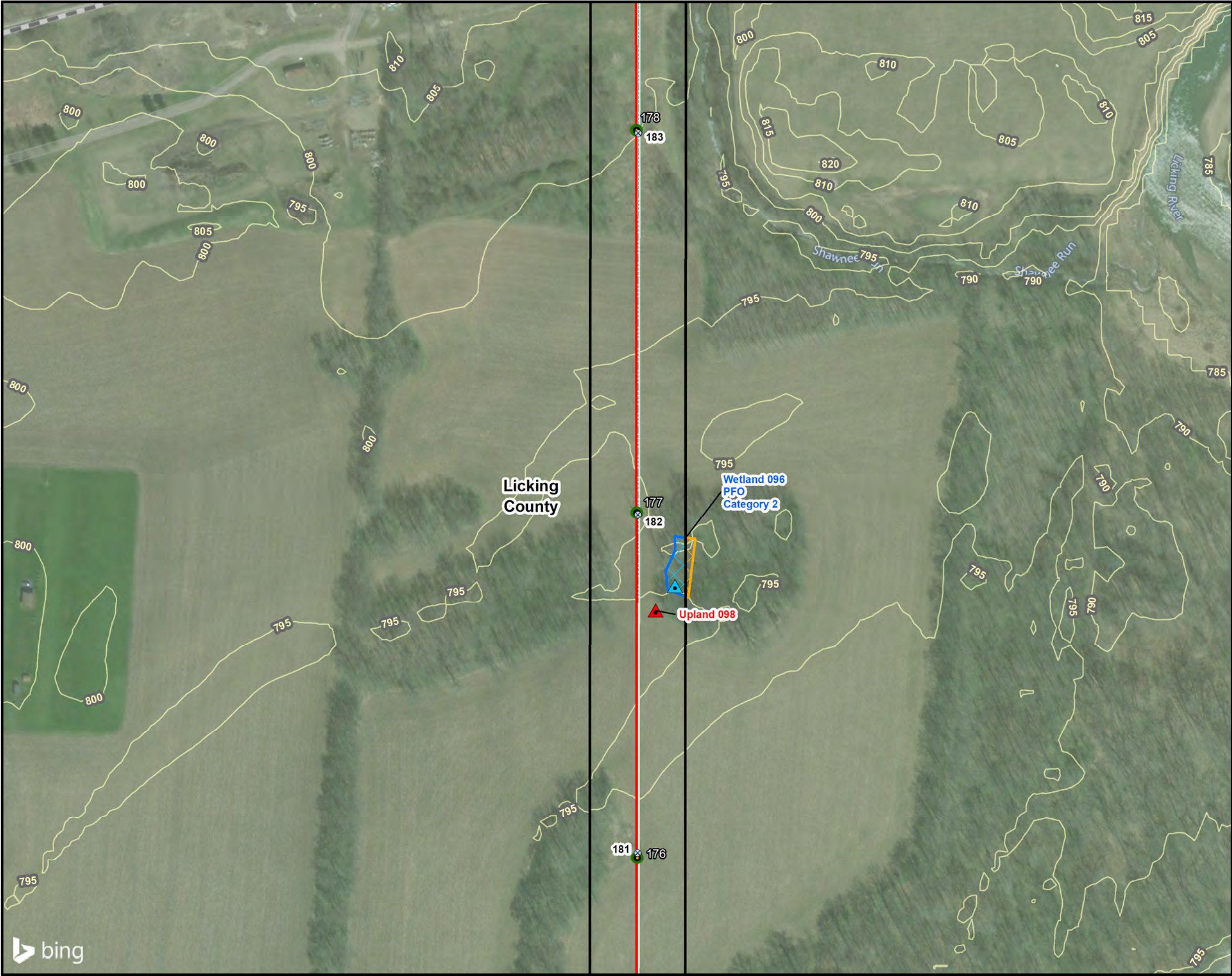
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LEGEND:

- Existing Structure
- Proposed Structure
- Upland Data Point
- Wetland Data Point
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Wetland
- Approximate Wetland Location
- Project Survey Corridor


0 200 400
Feet

BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
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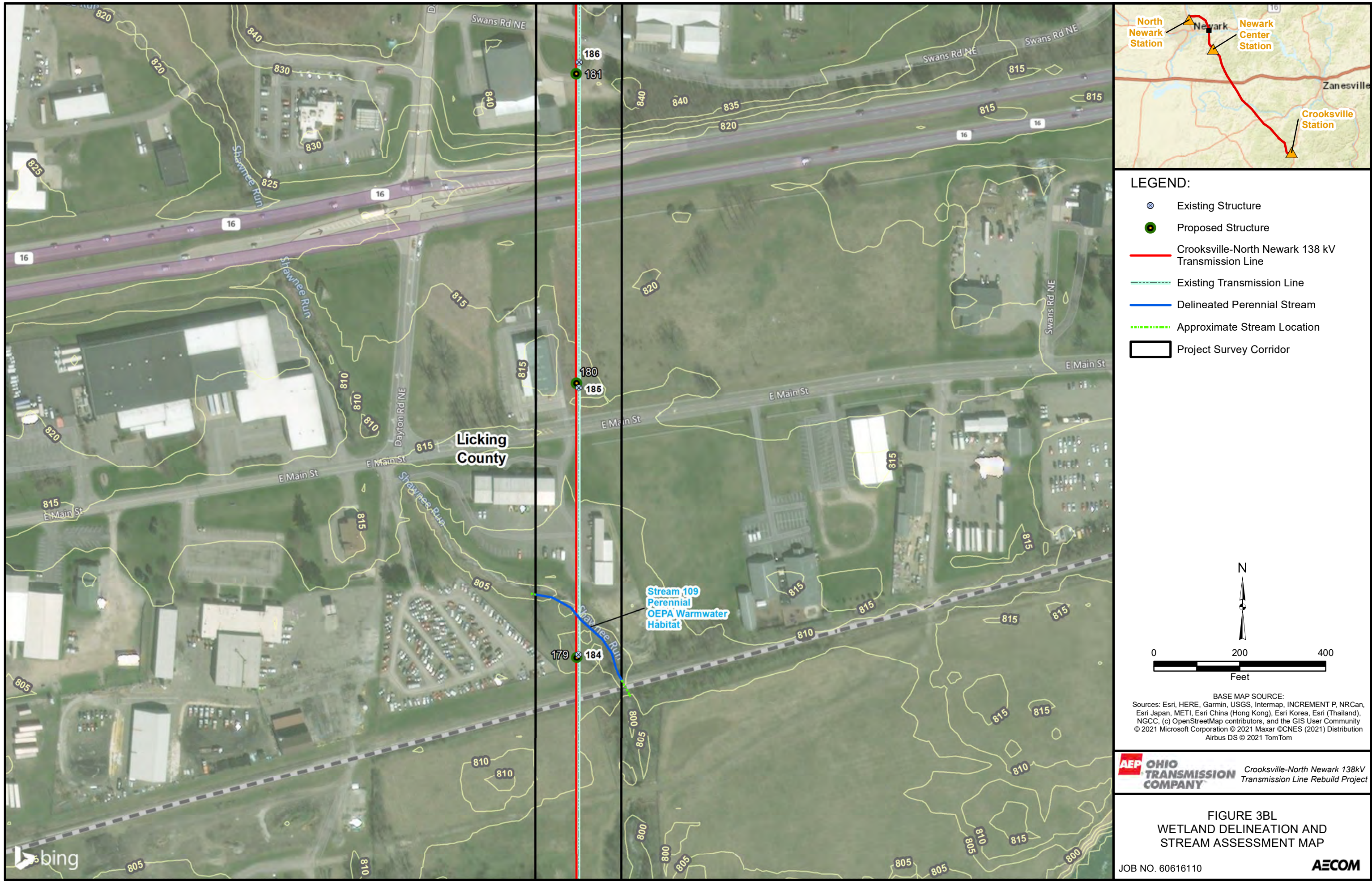


Crooksville-North Newark 138kV
Transmission Line Rebuild Project

FIGURE 3BK
WETLAND DELINEATION AND
STREAM ASSESSMENT MAP

JOB NO. 60616110

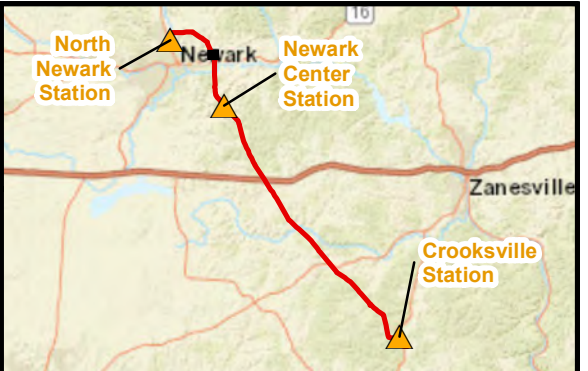
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LEGEND:

- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Project Survey Corridor

0 200 400
Feet

BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
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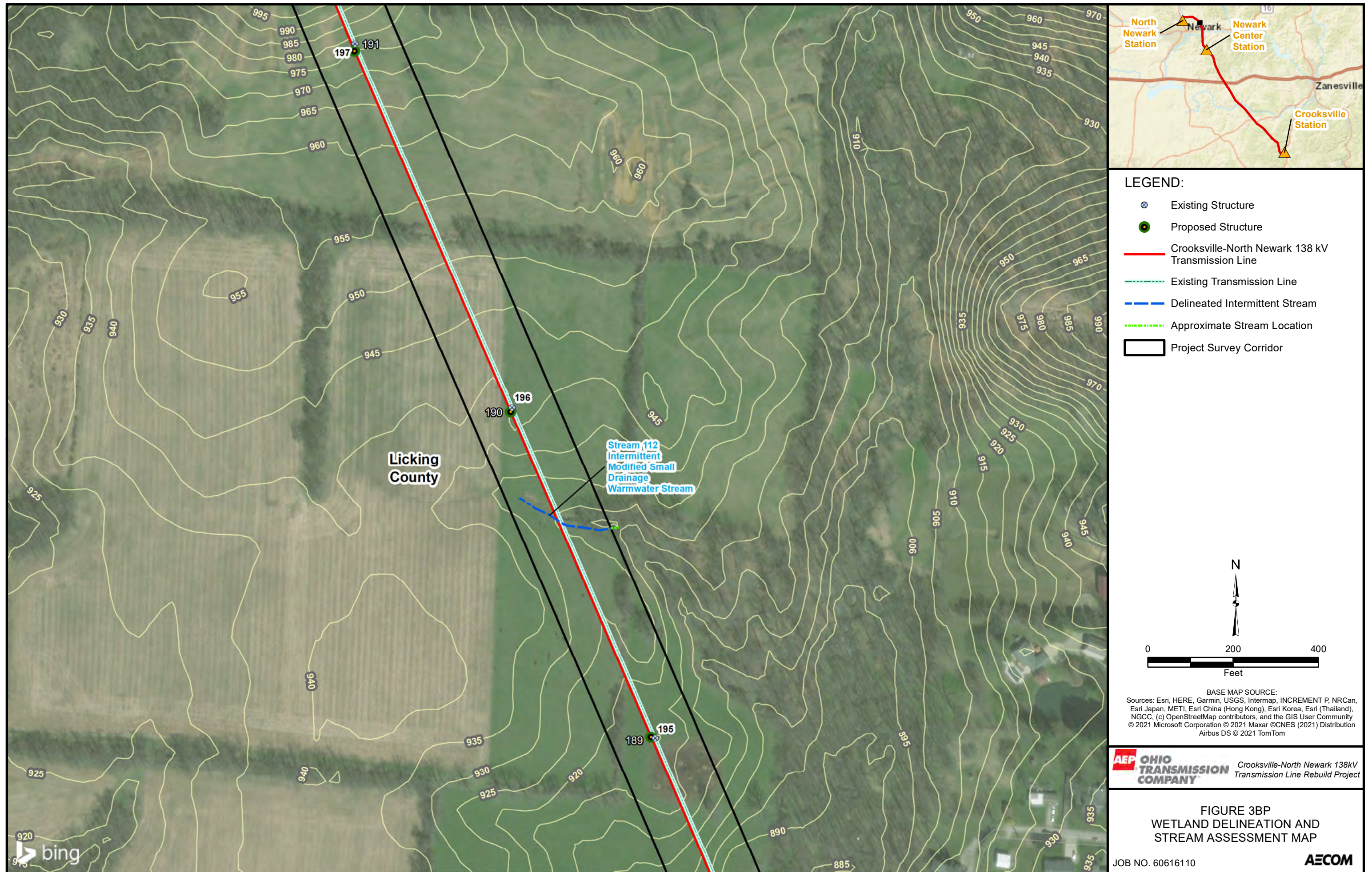
AEP OHIO TRANSMISSION COMPANY Crooksville-North Newark 138kV Transmission Line Rebuild Project

**FIGURE 3BN
WETLAND DELINEATION AND
STREAM ASSESSMENT MAP**

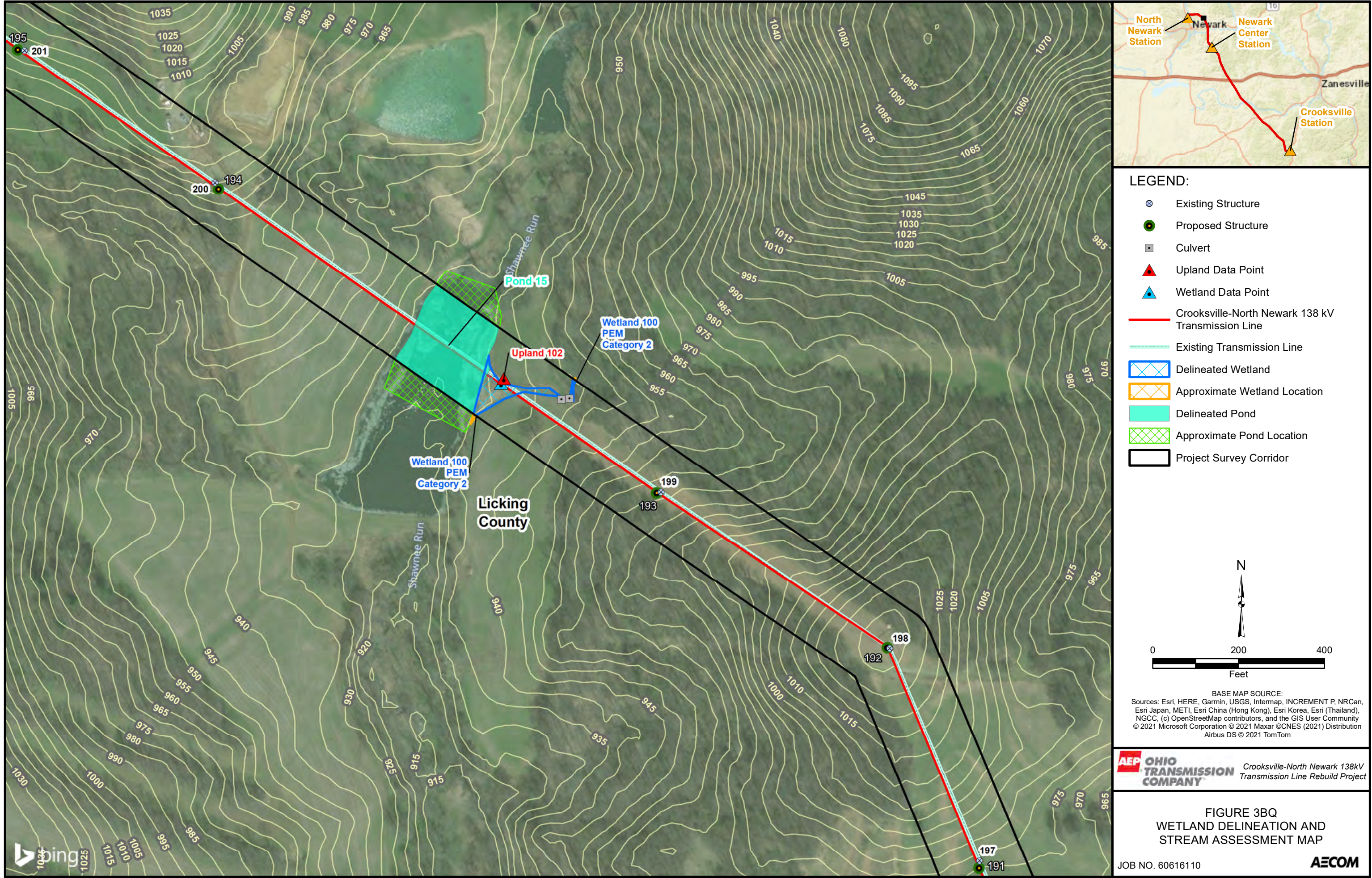
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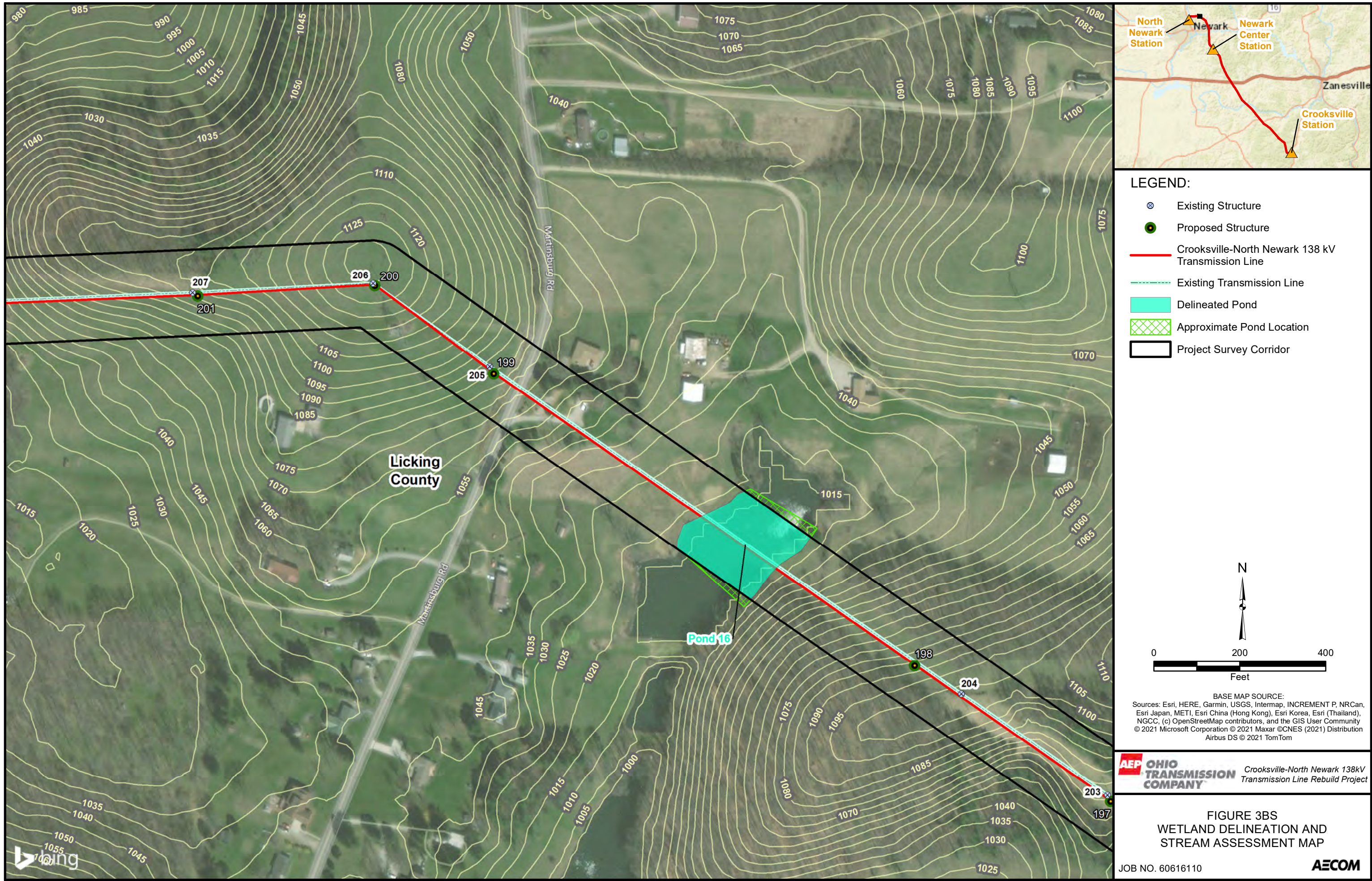




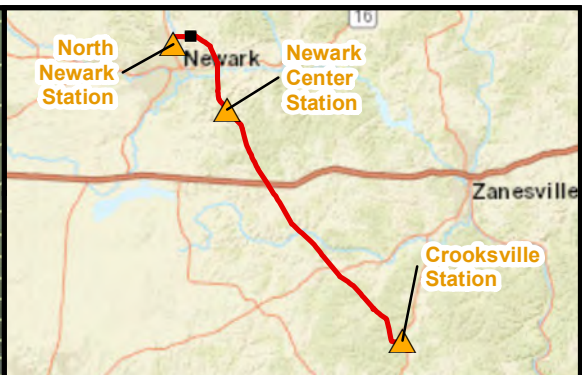
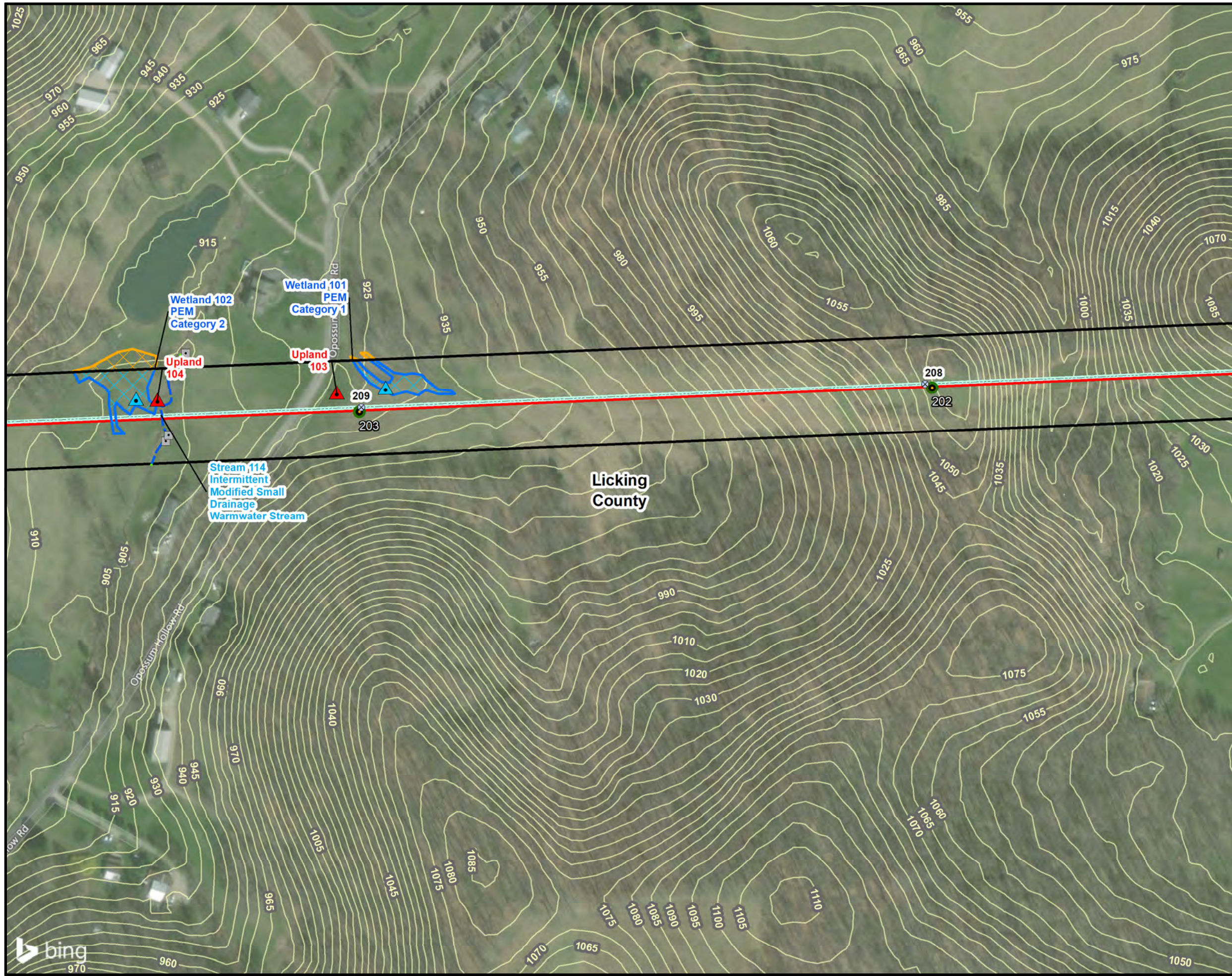
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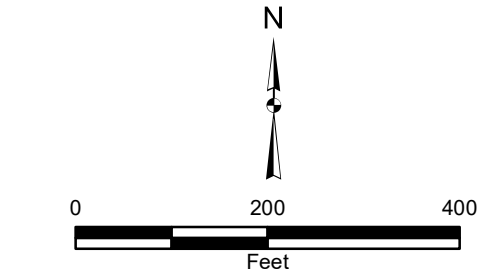
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- LEGEND:**
- Existing Structure
 - Proposed Structure
 - Culvert
 - Upland Data Point
 - Wetland Data Point
 - Crooksville-North Newark 138 kV Transmission Line
 - Existing Transmission Line
 - Delineated Intermittent Stream
 - Approximate Stream Location
 - Delineated Wetland
 - Approximate Wetland Location
 - Project Survey Corridor




BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
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Crooksville-North Newark 138kV
Transmission Line Rebuild Project

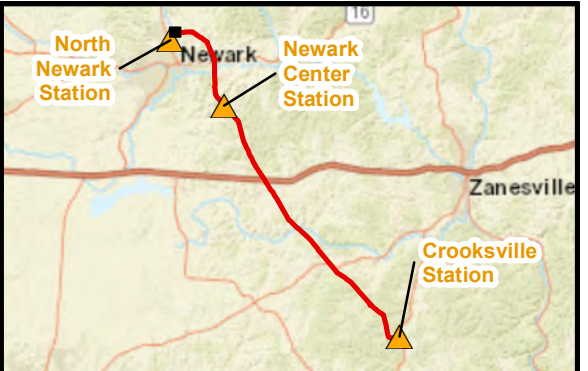
**FIGURE 3BT
WETLAND DELINEATION AND
STREAM ASSESSMENT MAP**

JOB NO. 60616110 

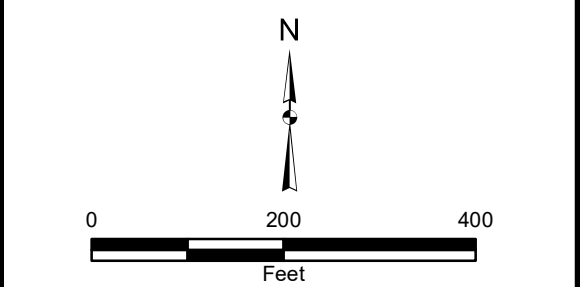
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- LEGEND:**
- Existing Structure
 - Proposed Structure
 - Upland Data Point
 - Crooksville-North Newark 138 kV Transmission Line
 - Existing Transmission Line
 - Project Survey Corridor




BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
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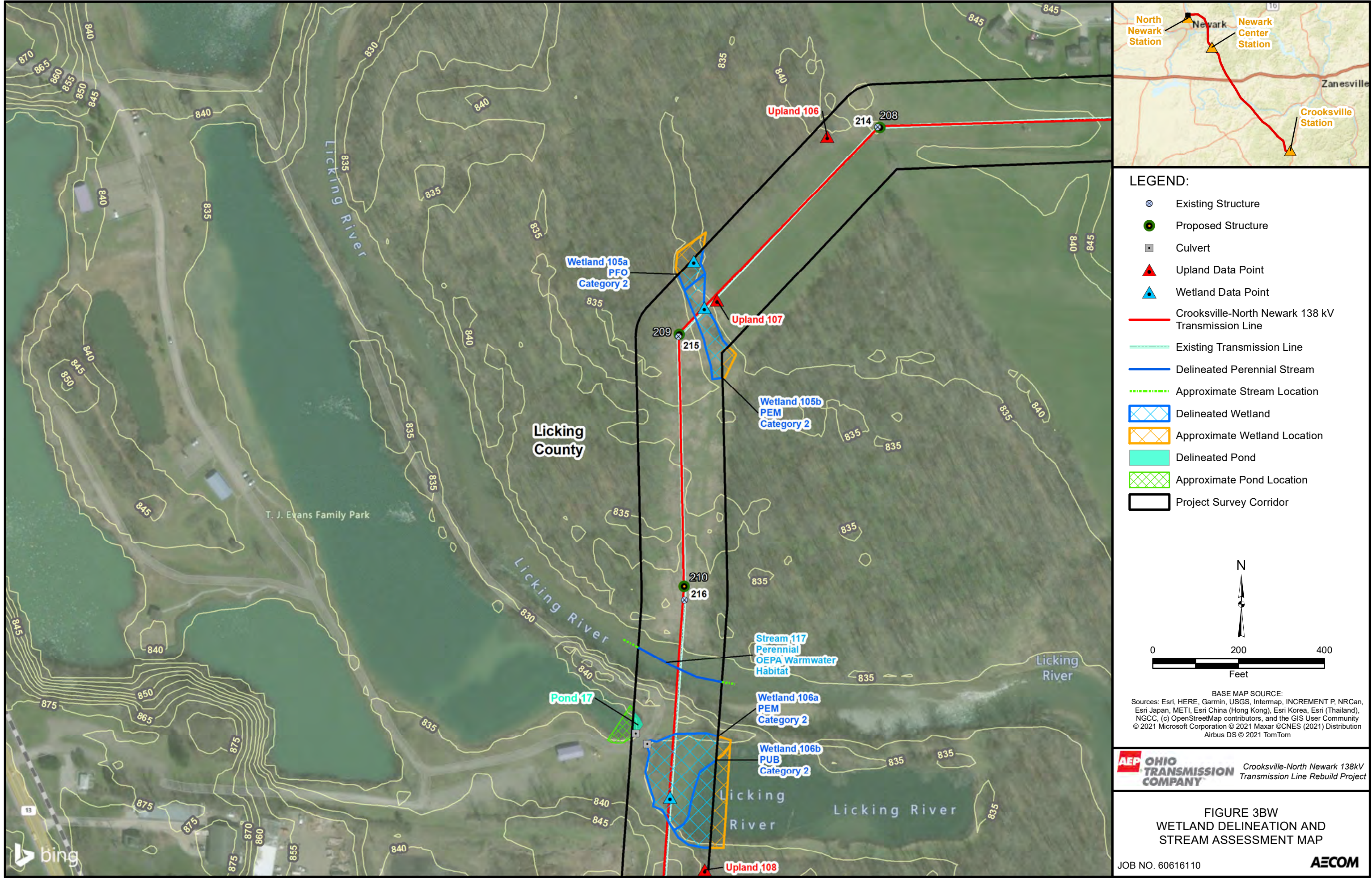


Crooksville-North Newark 138kV
Transmission Line Rebuild Project

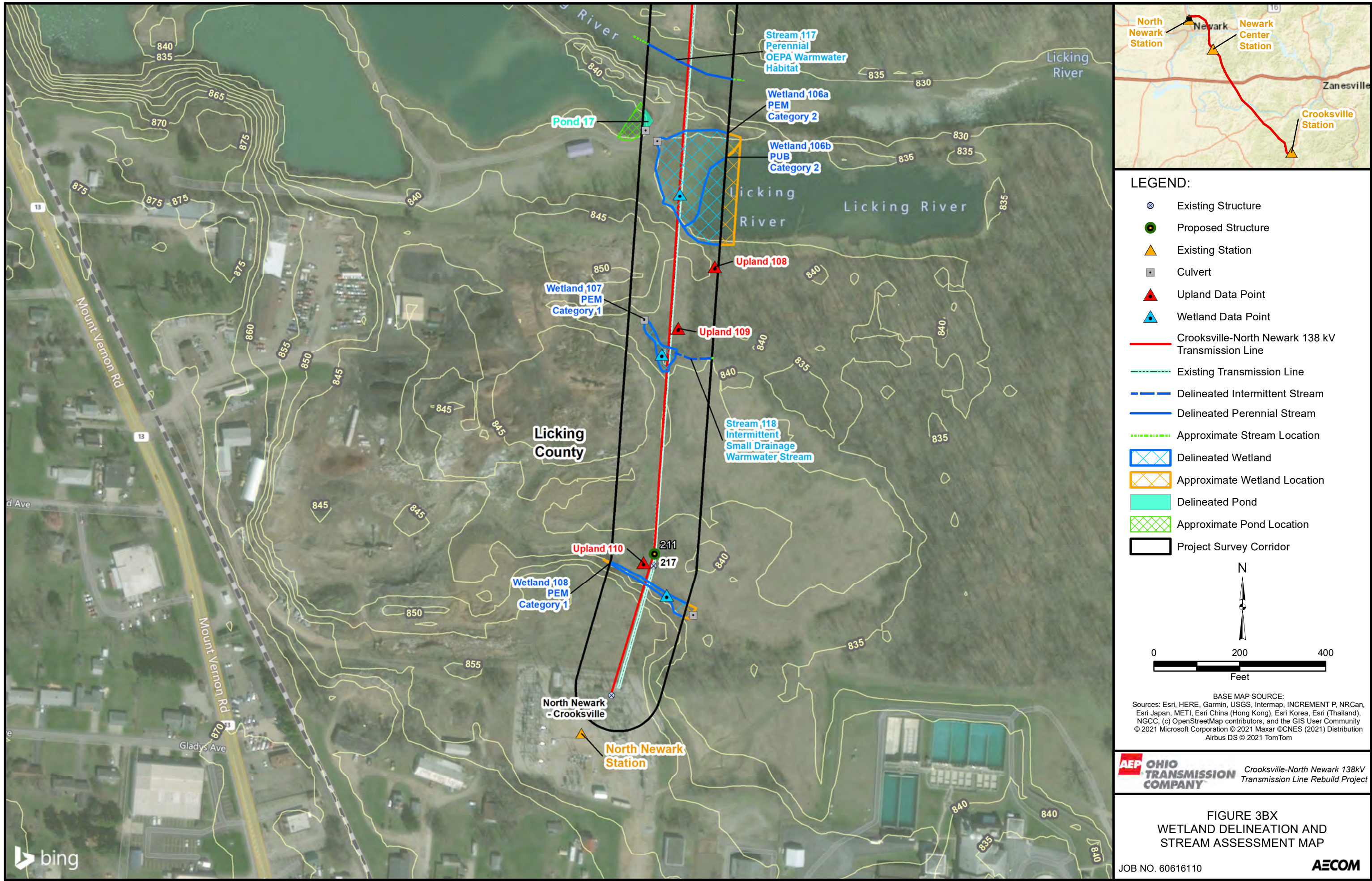
FIGURE 3BV
WETLAND DELINEATION AND
STREAM ASSESSMENT MAP

JOB NO. 60616110 

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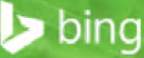


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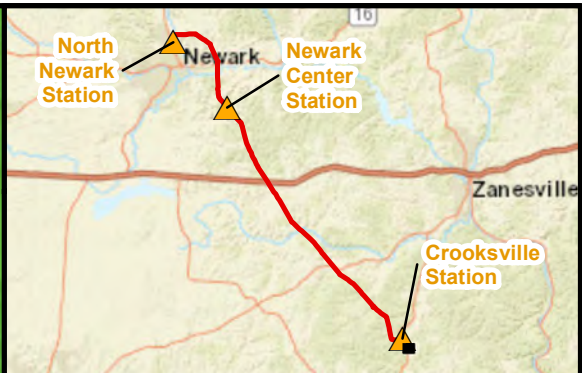




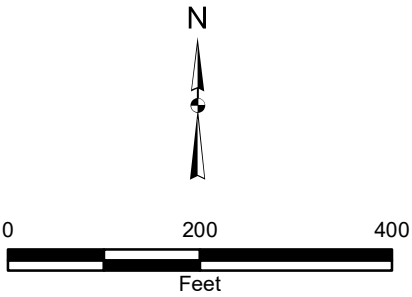
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FIGURE 4B
STREAM ELIGIBILITY MAP

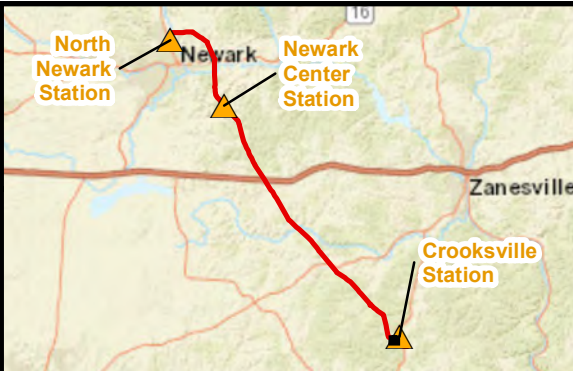


- LEGEND:**
- Existing Structure
 - Proposed Structure
 - Crooksville-North Newark 138 kV Transmission Line
 - Existing Transmission Line
 - Delineated Perennial Stream
 - Approximate Stream Location
 - NHD Stream (USGS)
 - Project Survey Corridor
- OEPA Stream Eligibility:**
- Eligible



BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

FIGURE 4C
STREAM ELIGIBILITY MAP



LEGEND:

- Culvert
- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Intermittent Stream
- Delineated Perennial Stream
- Approximate Stream Location
- NHD Stream (USGS)
- Project Survey Corridor

OEPA Stream Eligibility:

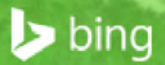
- Eligible

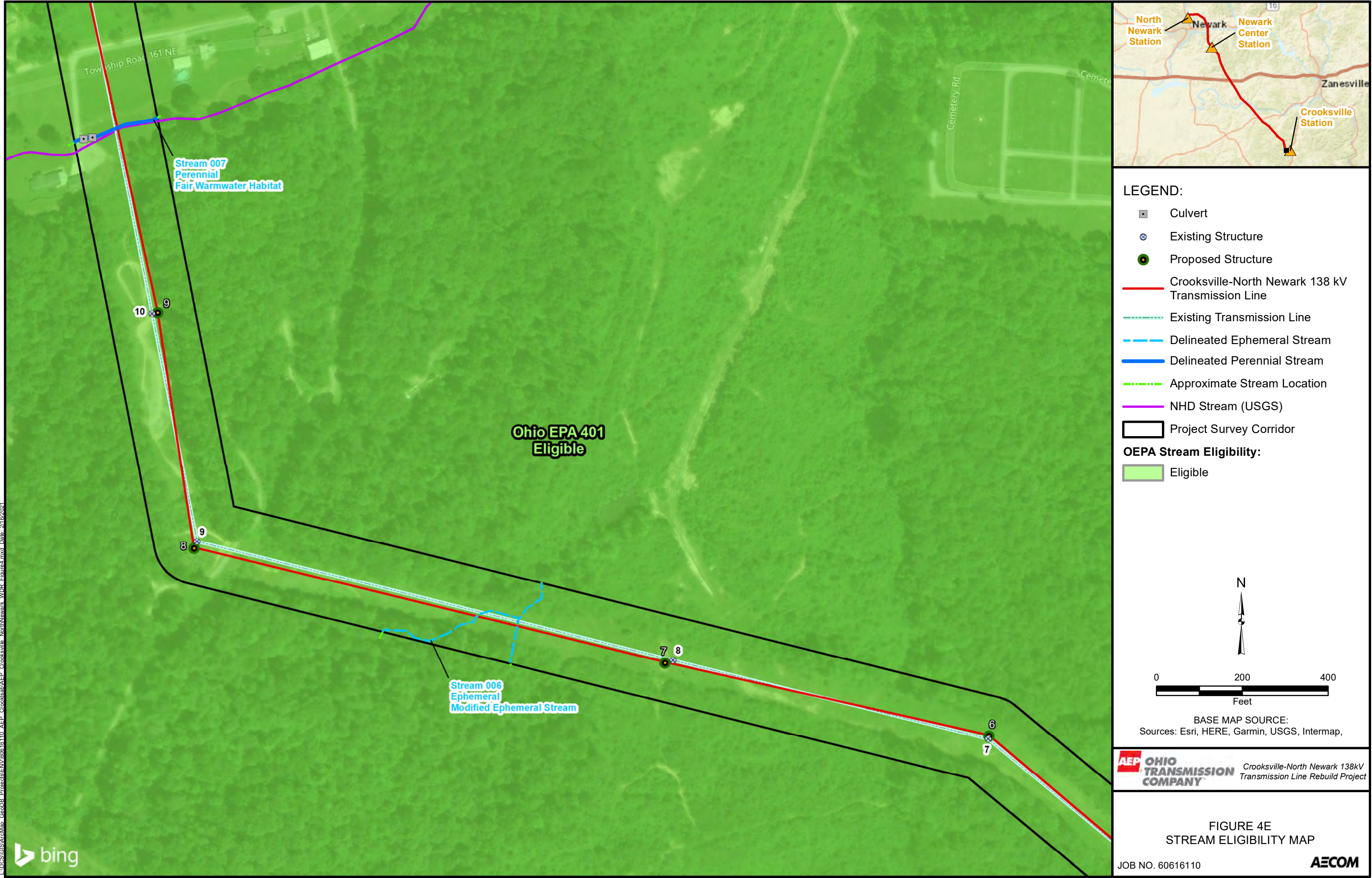
BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

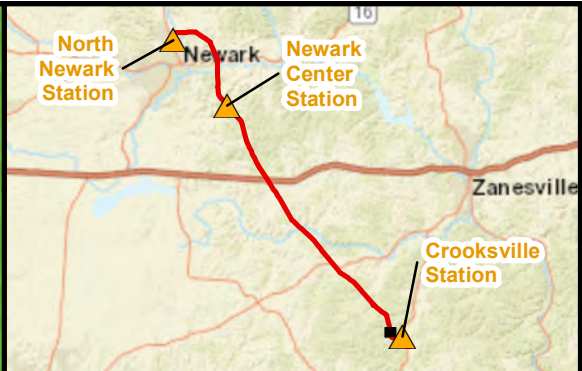
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Feet

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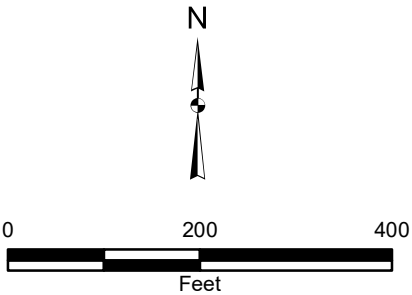
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- LEGEND:**
- Culvert
 - Existing Structure
 - Proposed Structure
 - Crooksville-North Newark 138 kV Transmission Line
 - Existing Transmission Line
 - Delineated Perennial Stream
 - Approximate Stream Location
 - NHD Stream (USGS)
 - Project Survey Corridor
- OEPA Stream Eligibility:**
- Eligible



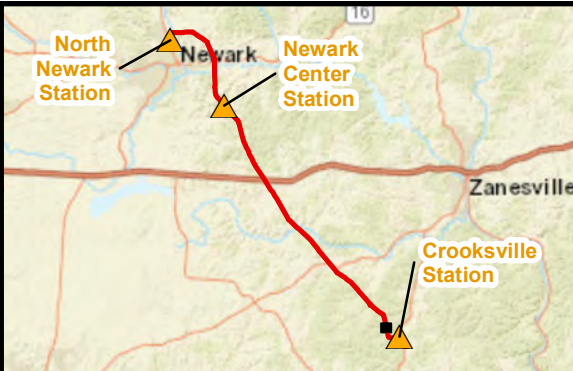
BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

Crooksville-North Newark 138kV
Transmission Line Rebuild Project

FIGURE 4F
STREAM ELIGIBILITY MAP



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LEGEND:

- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Perennial Stream
- Approximate Stream Location
- NHD Stream (USGS)
- Project Survey Corridor

OEPA Stream Eligibility:

- Eligible

N

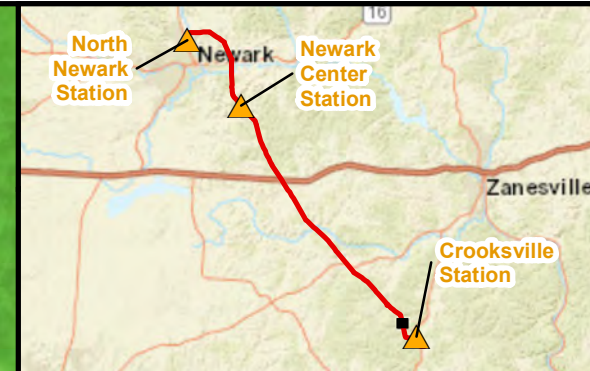
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Feet

BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

AEP OHIO TRANSMISSION COMPANY Crooksville-North Newark 138kV Transmission Line Rebuild Project

**FIGURE 4G
STREAM ELIGIBILITY MAP**

JOB NO. 60616110 **AECOM**



LEGEND:

- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Ephemeral Stream
- Approximate Stream Location
- NHD Stream (USGS)
- Project Survey Corridor

OEPA Stream Eligibility:

- Eligible

BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

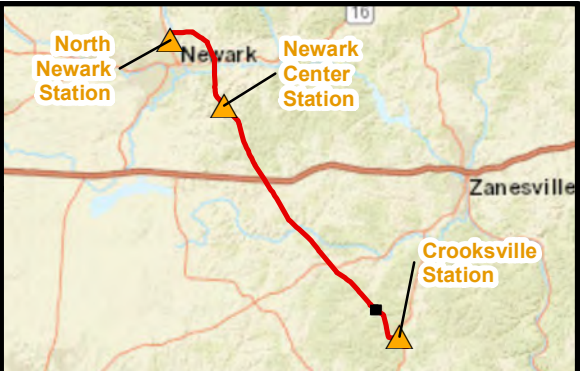
AEP OHIO TRANSMISSION COMPANY Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 4H
STREAM ELIGIBILITY MAP

JOB NO. 60616110 **AECOM**

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LEGEND:

- Culvert
- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Intermittent Stream
- Approximate Stream Location
- NHD Stream (USGS)
- Project Survey Corridor

OEPA Stream Eligibility:

- Eligible

N

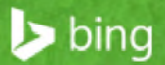
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Feet

BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

OHIO TRANSMISSION COMPANY

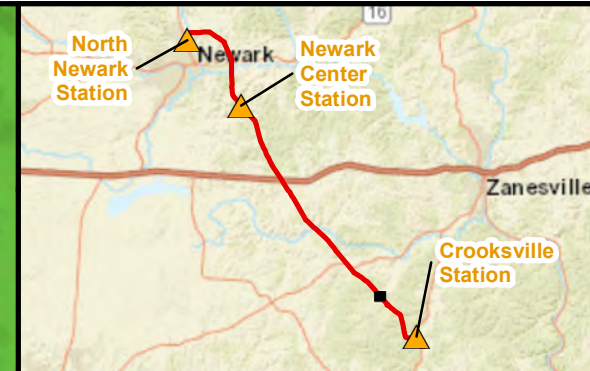
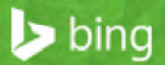
Crooksville-North Newark 138kV
Transmission Line Rebuild Project

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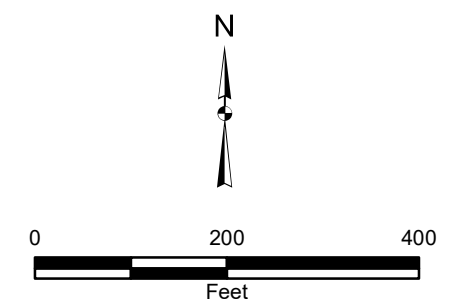


LEGEND:

- Culvert
- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Intermittent Stream
- Approximate Stream Location
- Project Survey Corridor

OEPA Stream Eligibility:

- Eligible



BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

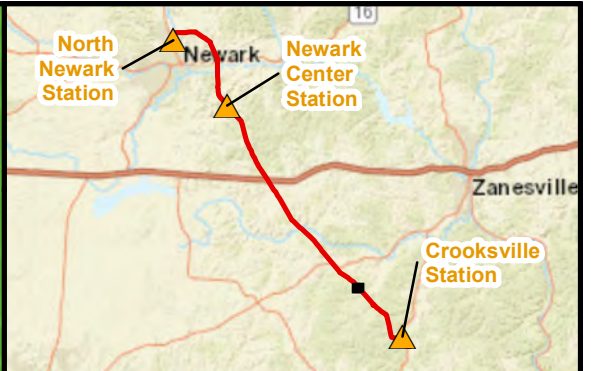
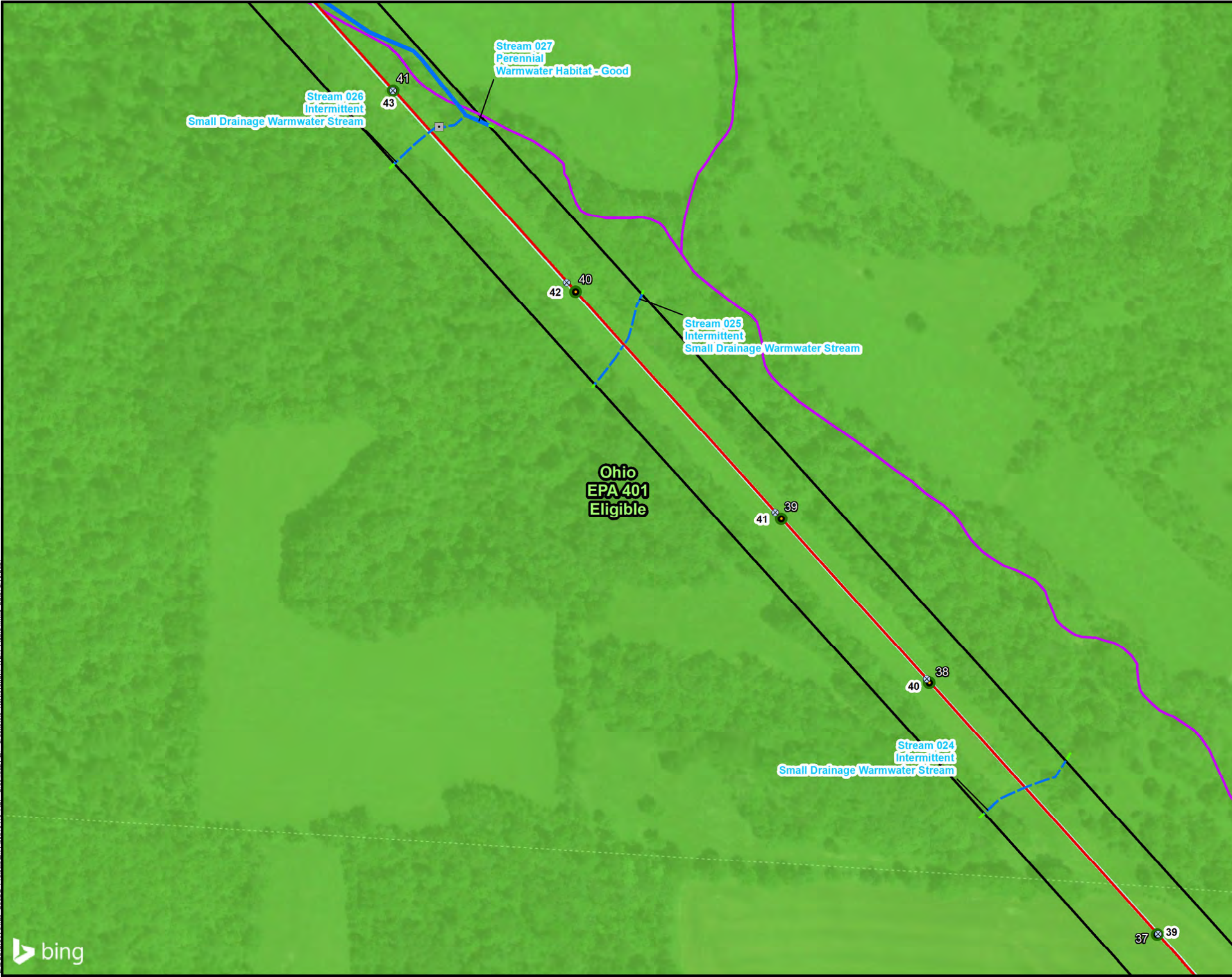
OHIO TRANSMISSION COMPANY

Crooksville-North Newark 138kV
Transmission Line Rebuild Project

FIGURE 4N
STREAM ELIGIBILITY MAP



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LEGEND:

- Culvert
- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Intermittent Stream
- Delineated Perennial Stream
- Approximate Stream Location
- NHD Stream (USGS)
- Project Survey Corridor

OEPA Stream Eligibility:

- Eligible

N

0 200 400

Feet

BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

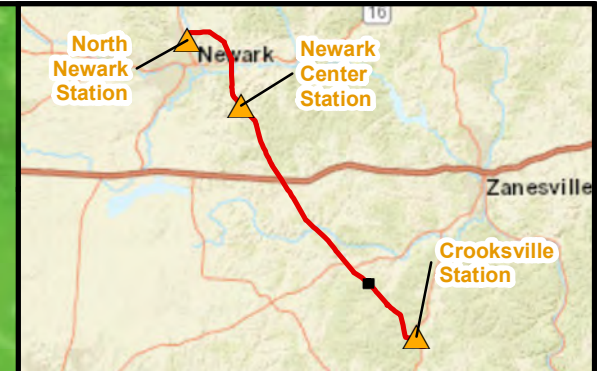
AEP OHIO TRANSMISSION COMPANY Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 4P
STREAM ELIGIBILITY MAP

JOB NO. 60616110 **AECOM**



\\DCS\GIS\ArcMap_GeoDB_Projects\ENM\60616110_AEP_Crooksville\NorthNewark_WDR_Figure4.mxd Date: 2/16/2021

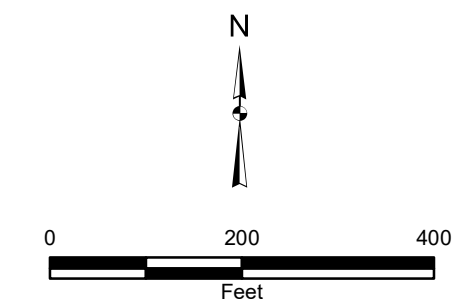


LEGEND:

- Culvert
- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Intermittent Stream
- Delineated Perennial Stream
- Approximate Stream Location
- NHD Stream (USGS)
- Project Survey Corridor

OEPA Stream Eligibility:

- Eligible



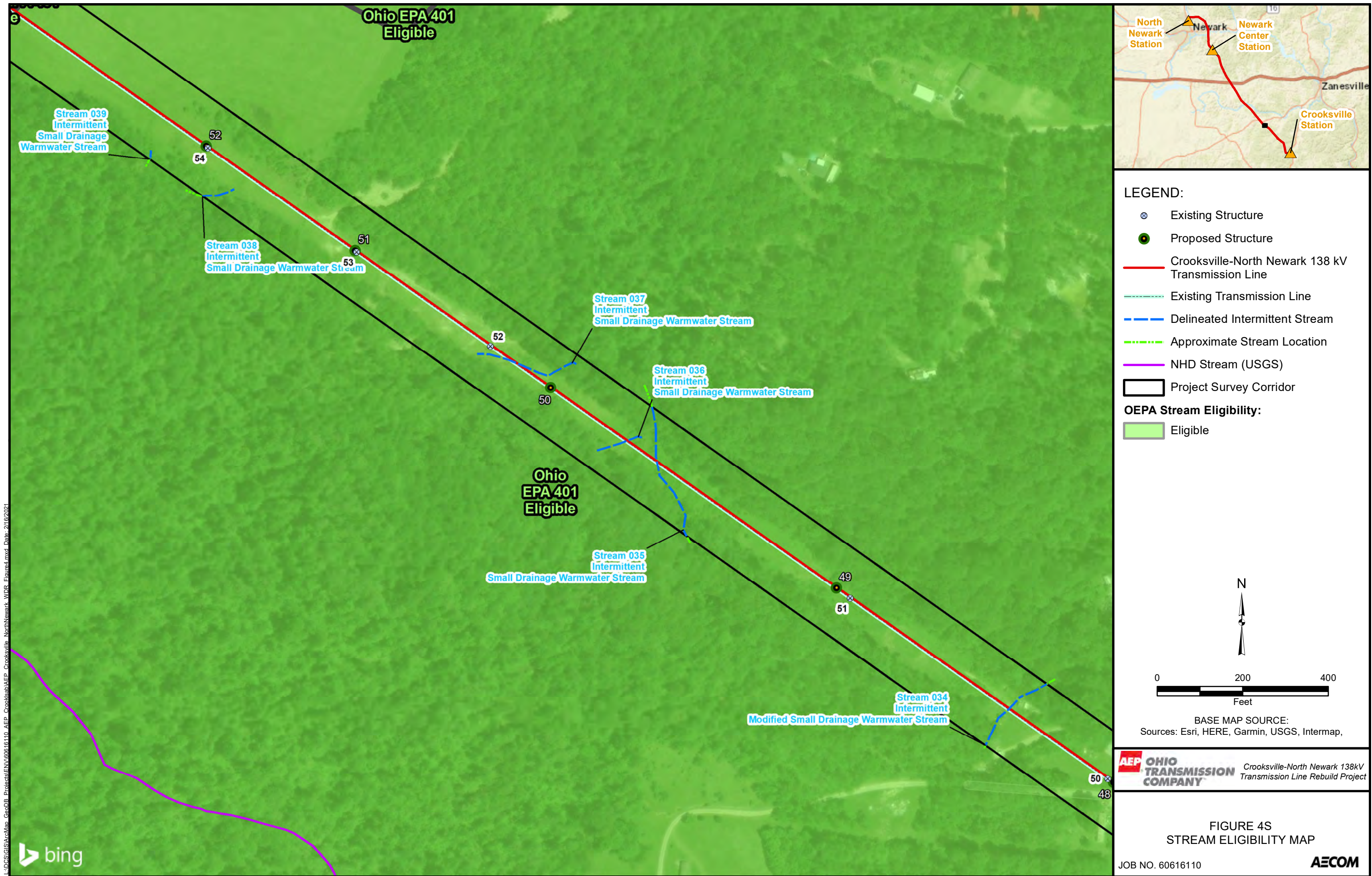
BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

AEP OHIO TRANSMISSION COMPANY Crooksville-North Newark 138kV Transmission Line Rebuild Project

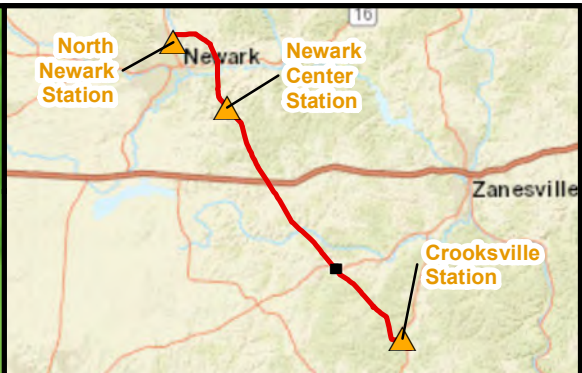
**FIGURE 4Q
STREAM ELIGIBILITY MAP**



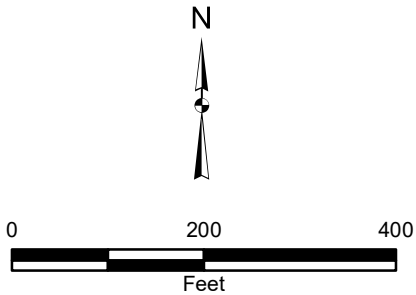






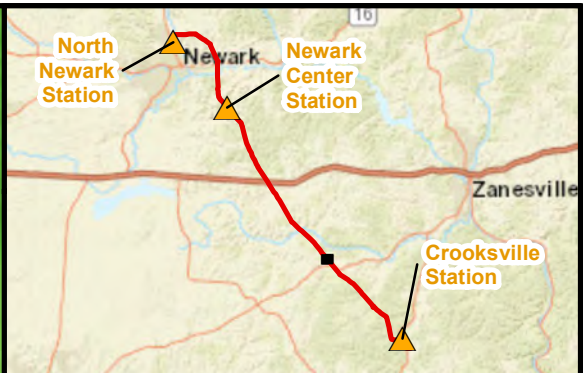


- LEGEND:**
- Culvert
 - Existing Structure
 - Proposed Structure
 - Crooksville-North Newark 138 kV Transmission Line
 - Existing Transmission Line
 - Delineated Intermittent Stream
 - Approximate Stream Location
 - NHD Stream (USGS)
 - Project Survey Corridor
- OEPA Stream Eligibility:**
- Eligible












BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

FIGURE 4U
STREAM ELIGIBILITY MAP



LEGEND:

-  Culvert
-  Existing Structure
-  Proposed Structure
-  Crooksville-North Newark 138 kV Transmission Line
-  Existing Transmission Line
-  Delineated Perennial Stream
-  Approximate Stream Location
-  NHD Stream (USGS)
-  Project Survey Corridor

OEPA Stream Eligibility:

-  Eligible



BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

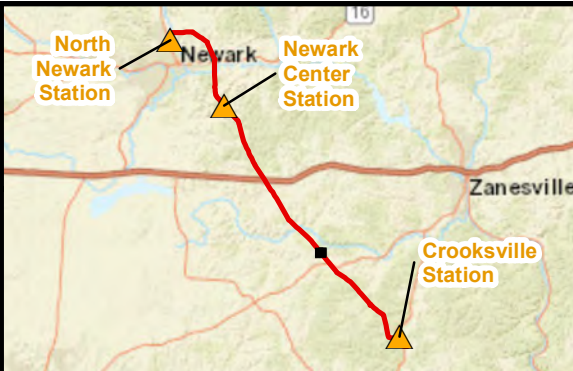


Crooksville-North Newark 138kV
Transmission Line Rebuild Project

FIGURE 4W
STREAM ELIGIBILITY MAP

JOB NO. 60616110

AECOM

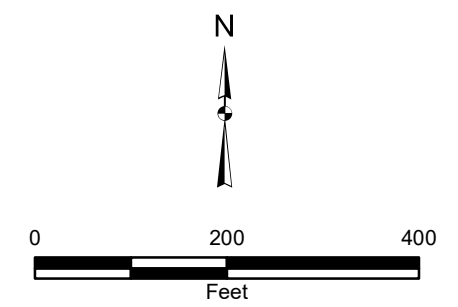


LEGEND:

- Culvert
- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Intermittent Stream
- Delineated Perennial Stream
- Approximate Stream Location
- NHD Stream (USGS)
- Project Survey Corridor

OEPA Stream Eligibility:

- Eligible

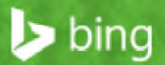


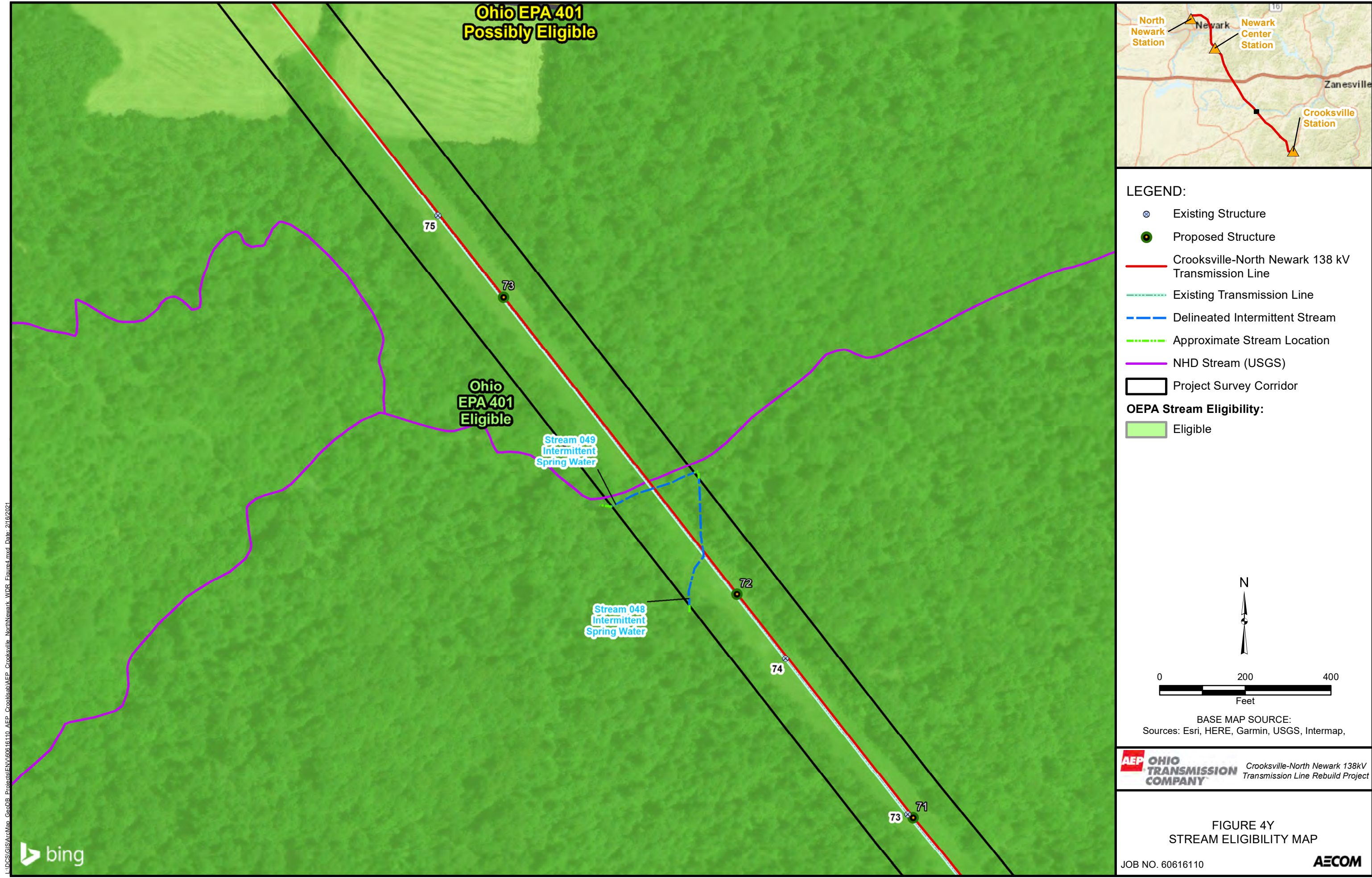
BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 4X
STREAM ELIGIBILITY MAP

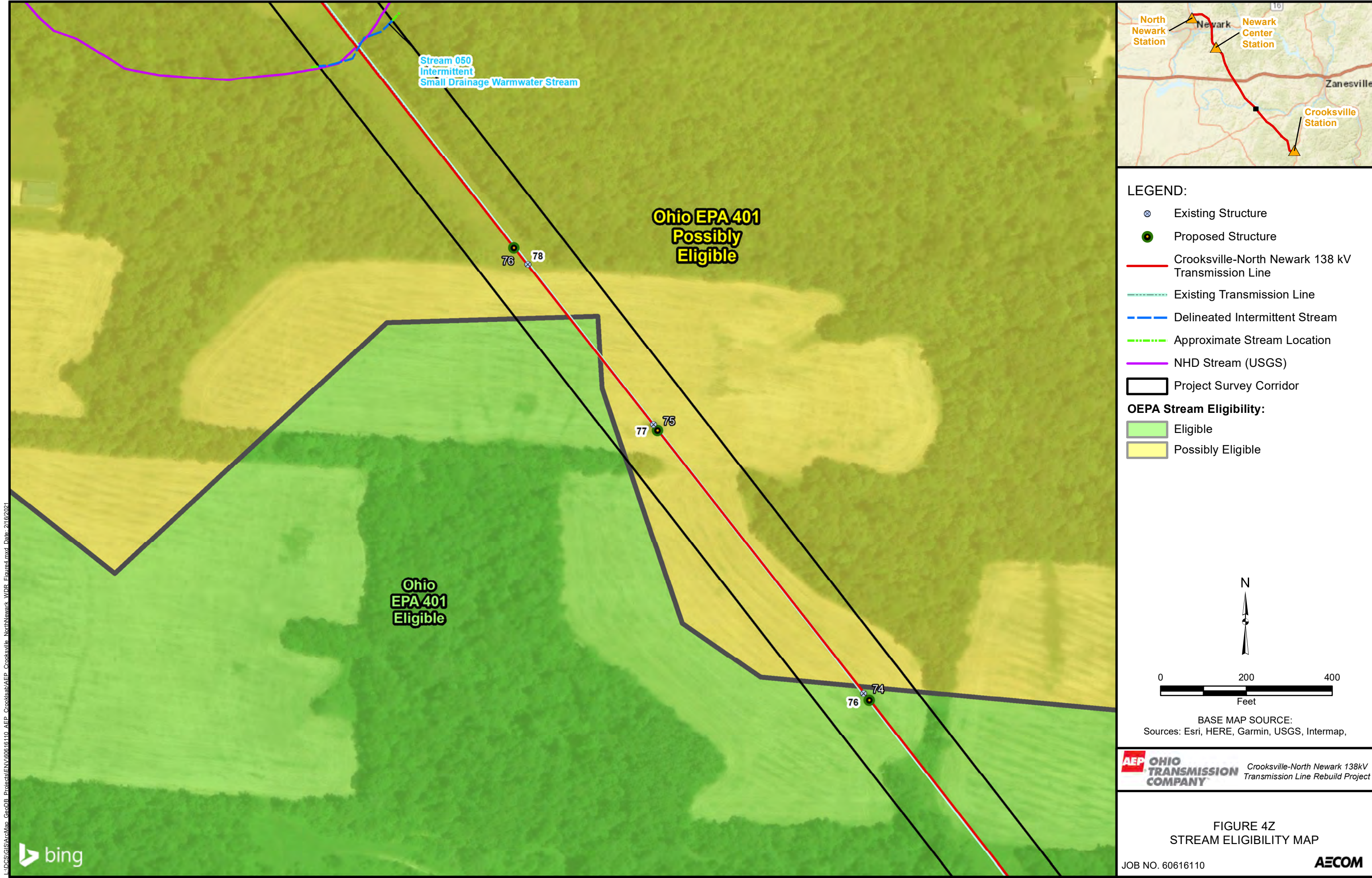
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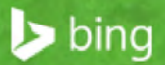


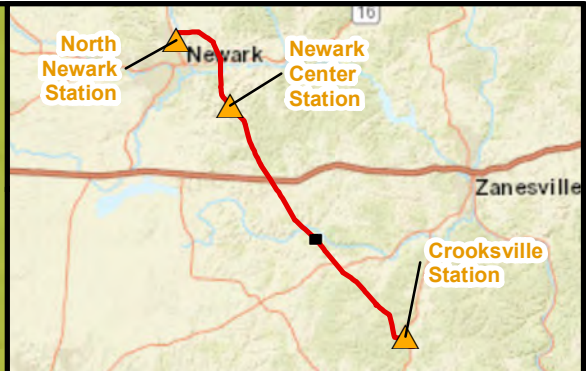
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LEGEND:

- Culvert
- ⊗ Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- - - Existing Transmission Line
- - - Delineated Intermittent Stream
- - - Approximate Stream Location
- NHD Stream (USGS)
- ▭ Project Survey Corridor

OEPA Stream Eligibility:

- ▭ Possibly Eligible

N

0 200 400
Feet

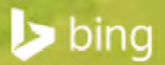
BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

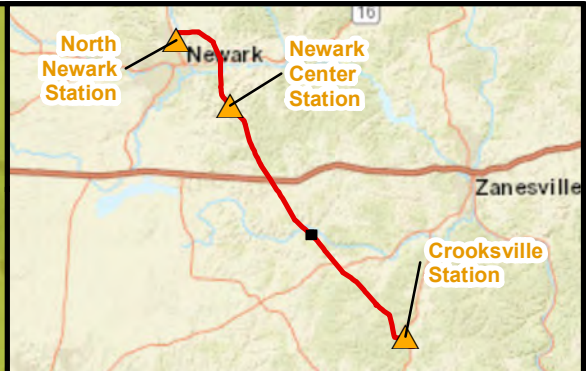
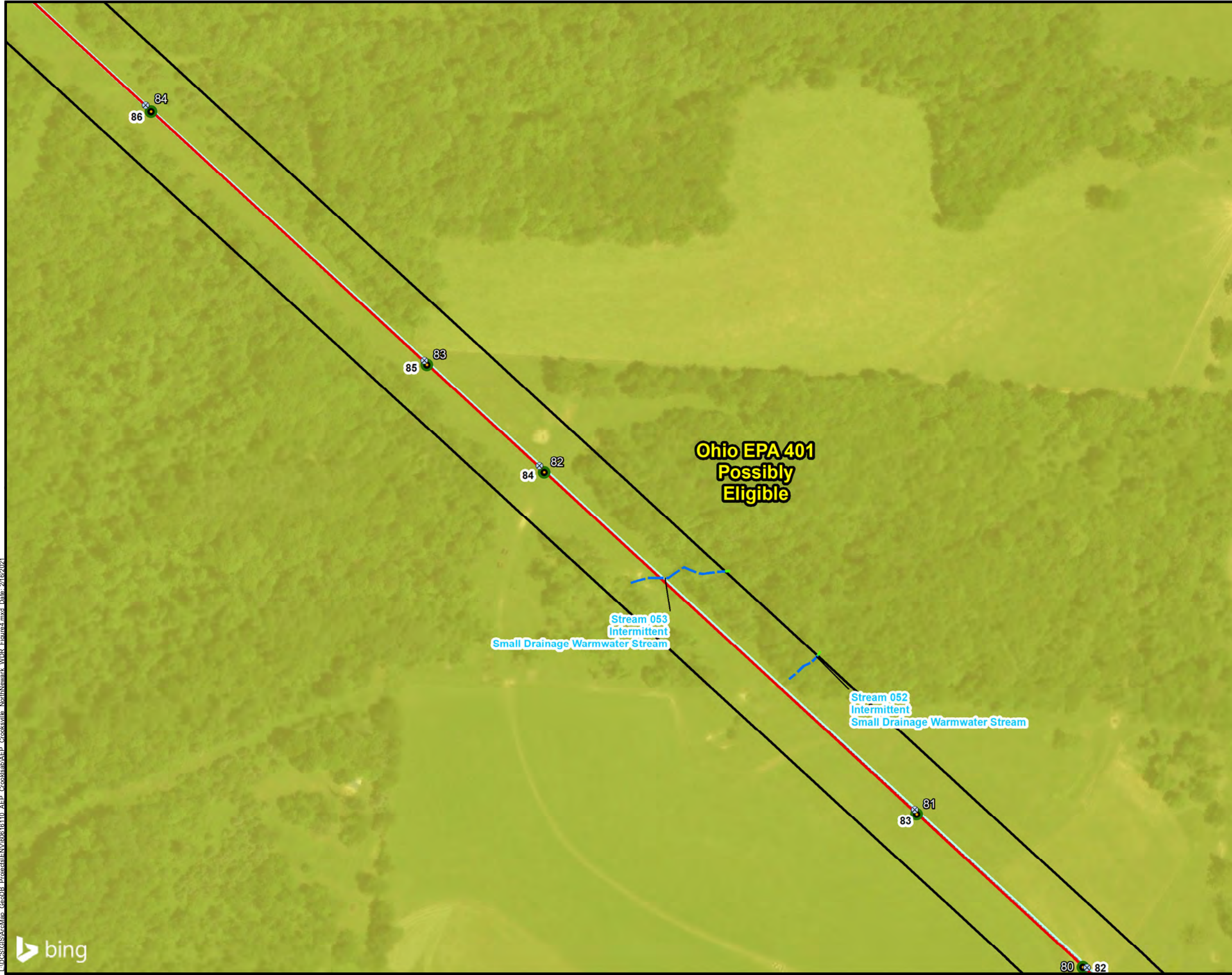
AEP OHIO TRANSMISSION COMPANY Crooksville-North Newark 138kV Transmission Line Rebuild Project

**FIGURE 4AA
STREAM ELIGIBILITY MAP**

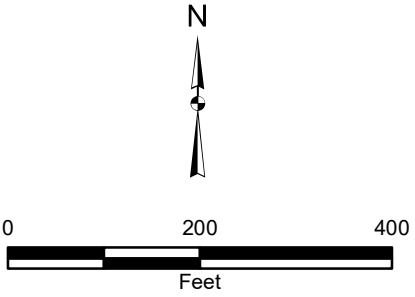
JOB NO. 60616110 **AECOM**

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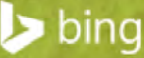
- LEGEND:
- Existing Structure
 - Proposed Structure
 - Crooksville-North Newark 138 kV Transmission Line
 - Existing Transmission Line
 - Delineated Intermittent Stream
 - Approximate Stream Location
 - Project Survey Corridor
- OEPA Stream Eligibility:
- Possibly Eligible

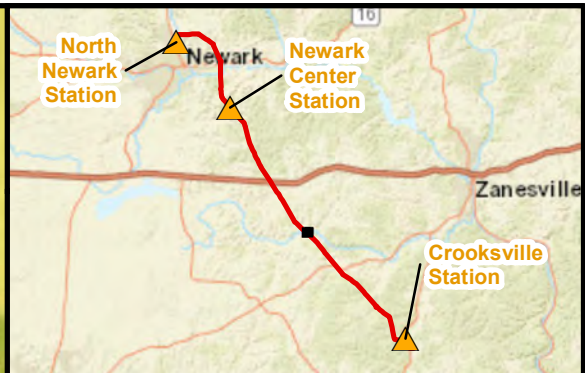
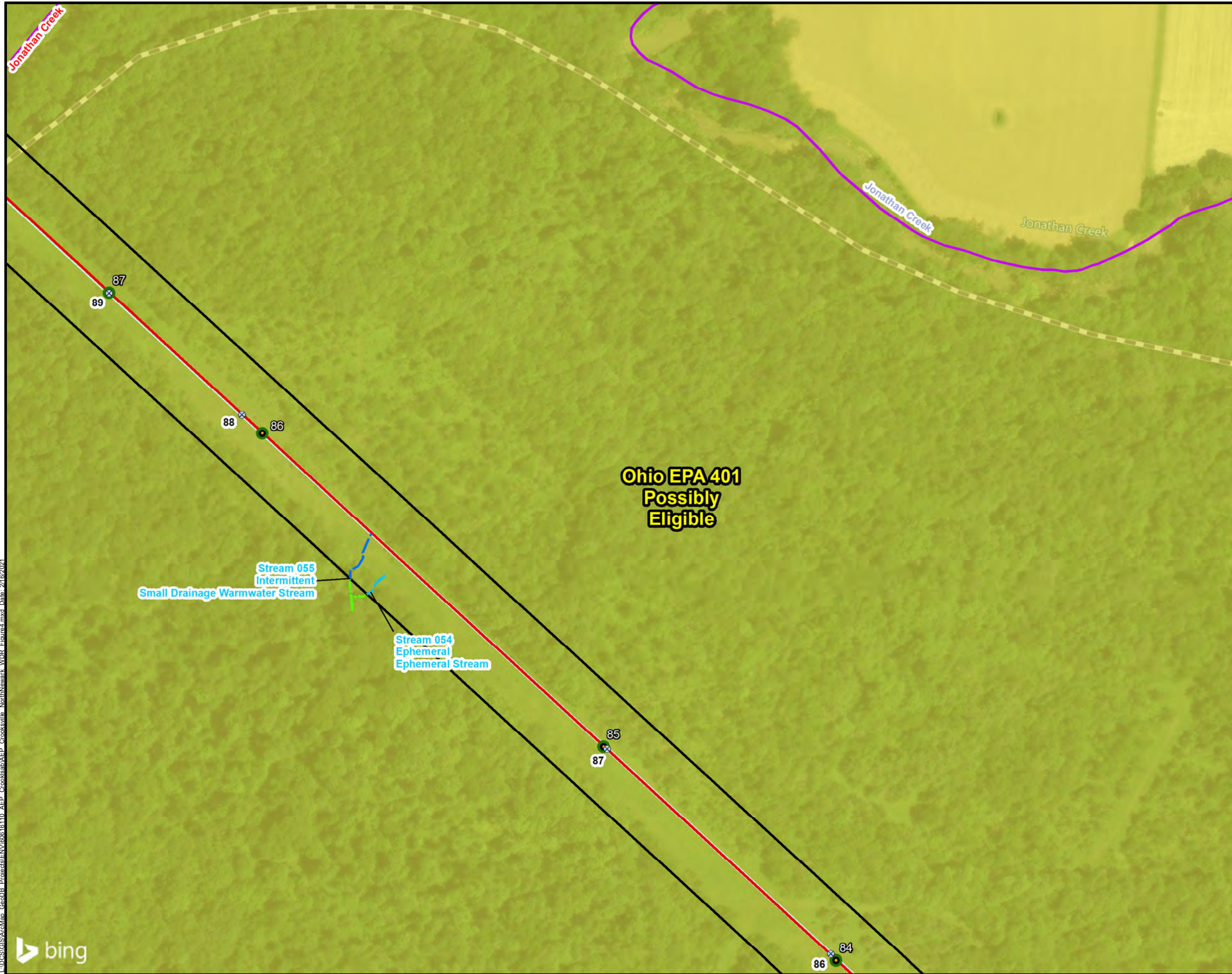


BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

FIGURE 4AB
STREAM ELIGIBILITY MAP

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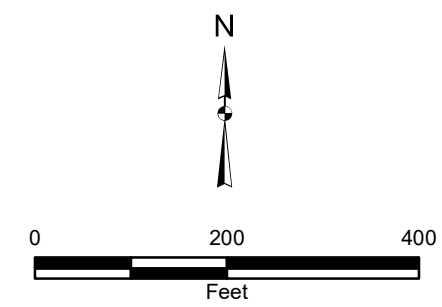


LEGEND:

- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Ephemeral Stream
- Delineated Intermittent Stream
- Approximate Stream Location
- NHD Stream (USGS)
- Project Survey Corridor

OEPA Stream Eligibility:

- Possibly Eligible



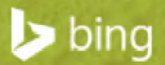
BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,



Crooksville-North Newark 138kV
Transmission Line Rebuild Project

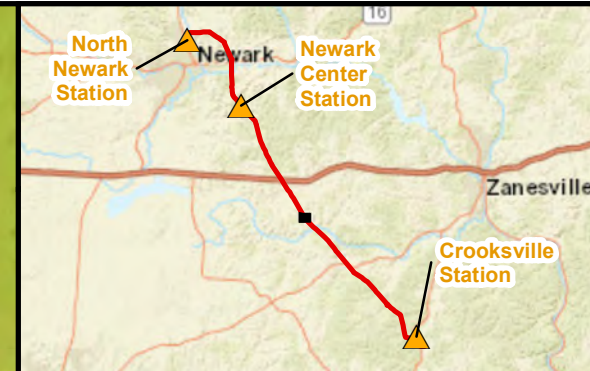
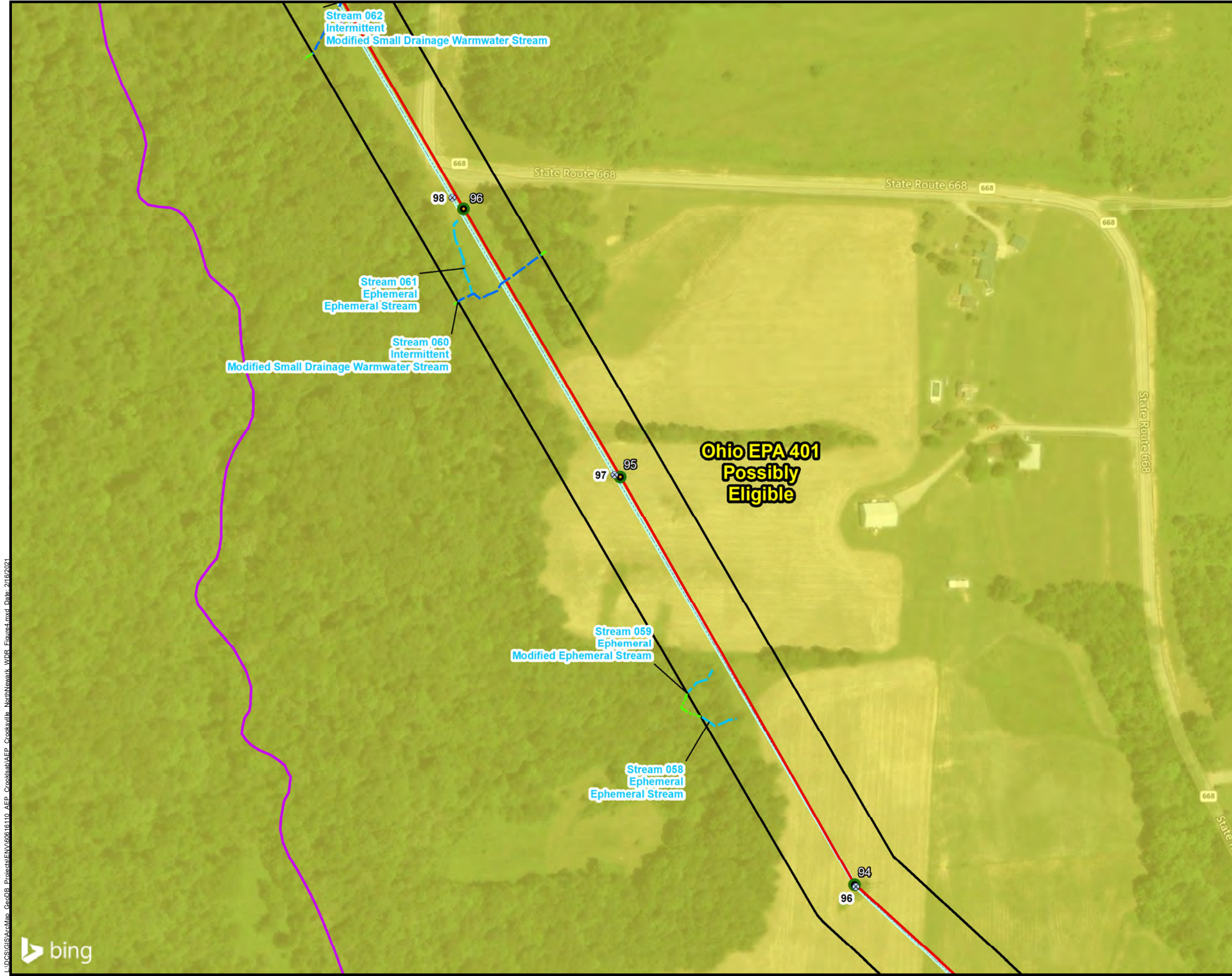
FIGURE 4AC
STREAM ELIGIBILITY MAP

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LEGEND:

- Culvert
- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Ephemeral Stream
- Delineated Intermittent Stream
- Approximate Stream Location
- NHD Stream (USGS)
- Project Survey Corridor

OEPA Stream Eligibility:

- Possibly Eligible

N

0 200 400
Feet

BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

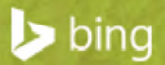
OHIO TRANSMISSION COMPANY

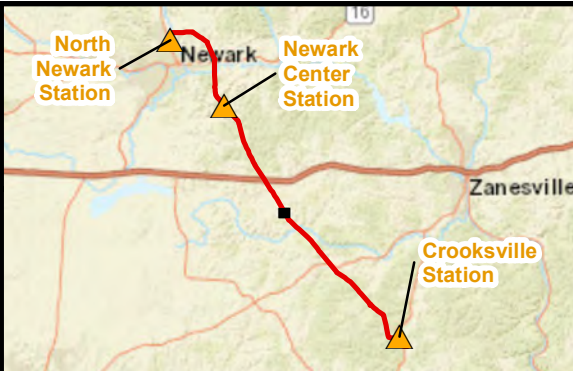
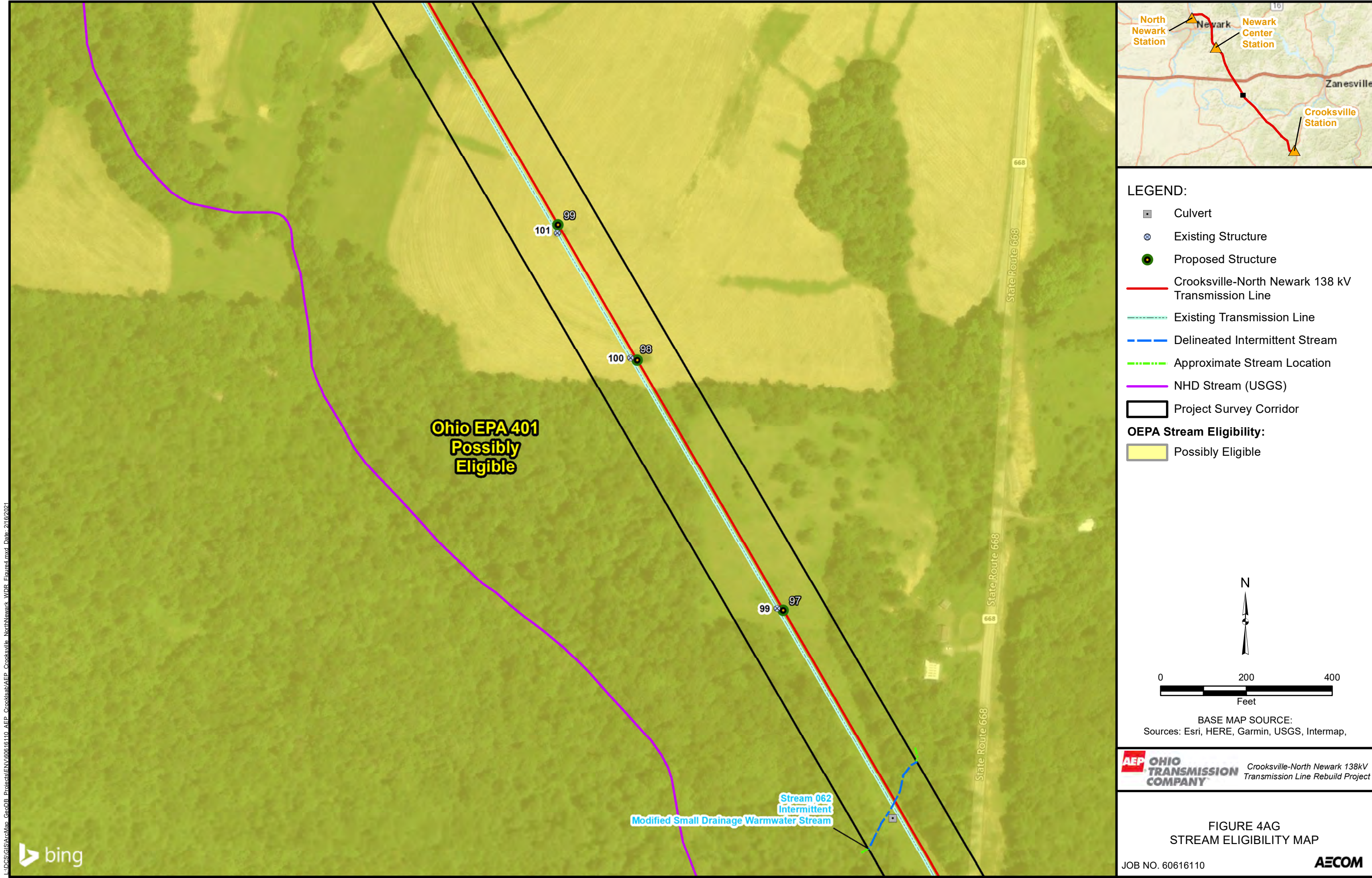
Crooksville-North Newark 138kV
Transmission Line Rebuild Project

FIGURE 4AF
STREAM ELIGIBILITY MAP

JOB NO. 60616110

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LEGEND:

- Culvert
- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Intermittent Stream
- Approximate Stream Location
- NHD Stream (USGS)
- Project Survey Corridor

OEPA Stream Eligibility:

- Possibly Eligible

N

0 200 400
Feet

BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

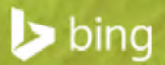
OHIO TRANSMISSION COMPANY

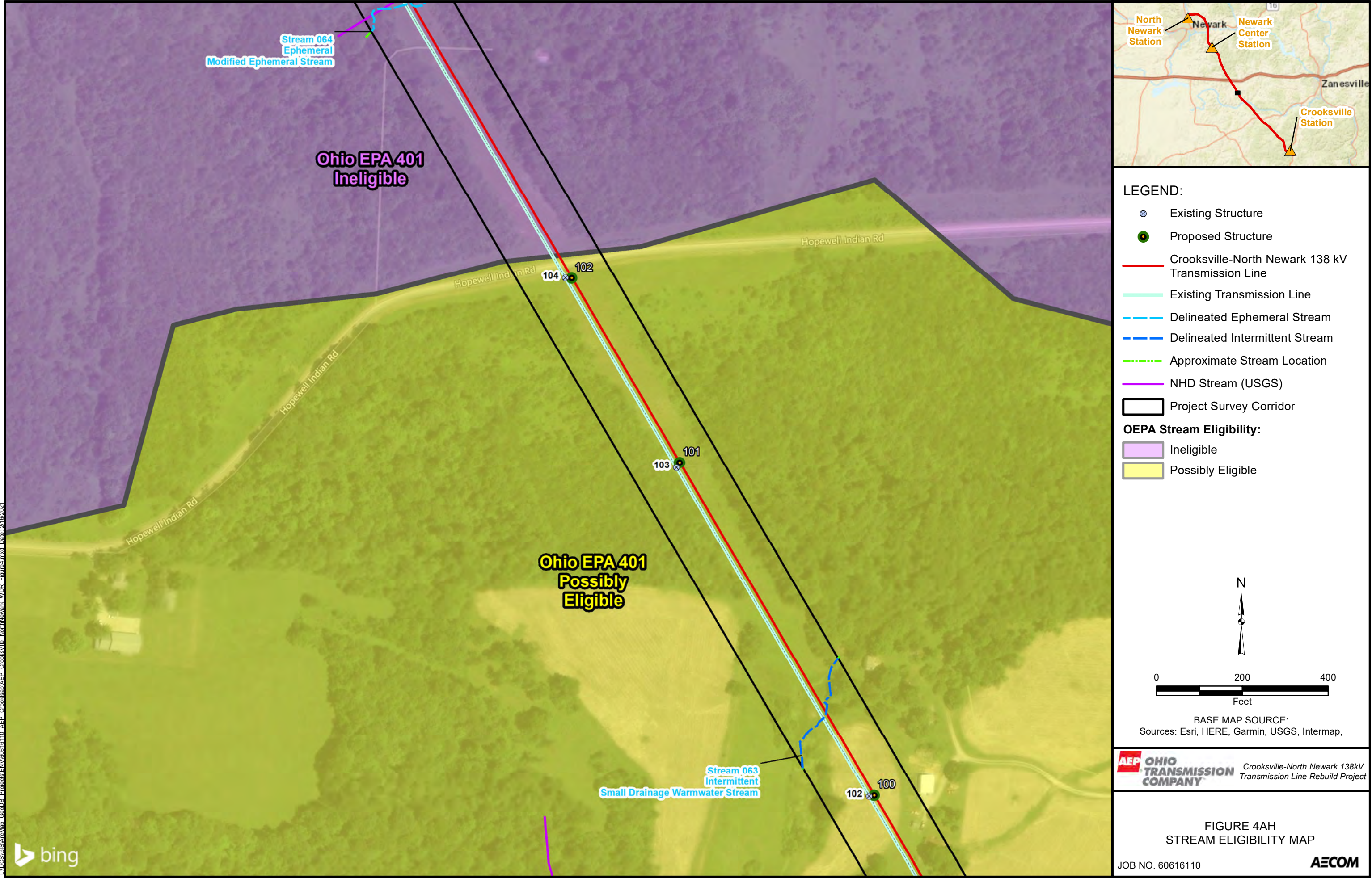
Crooksville-North Newark 138kV
Transmission Line Rebuild Project

**FIGURE 4AG
STREAM ELIGIBILITY MAP**

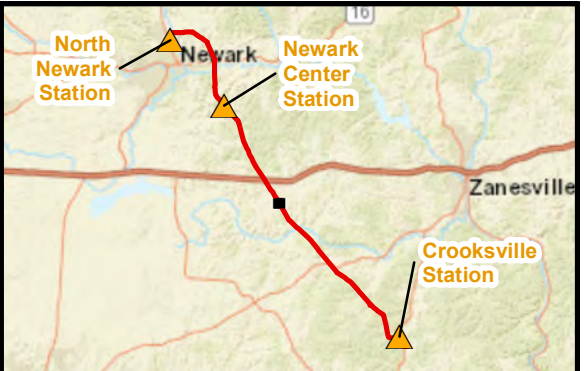
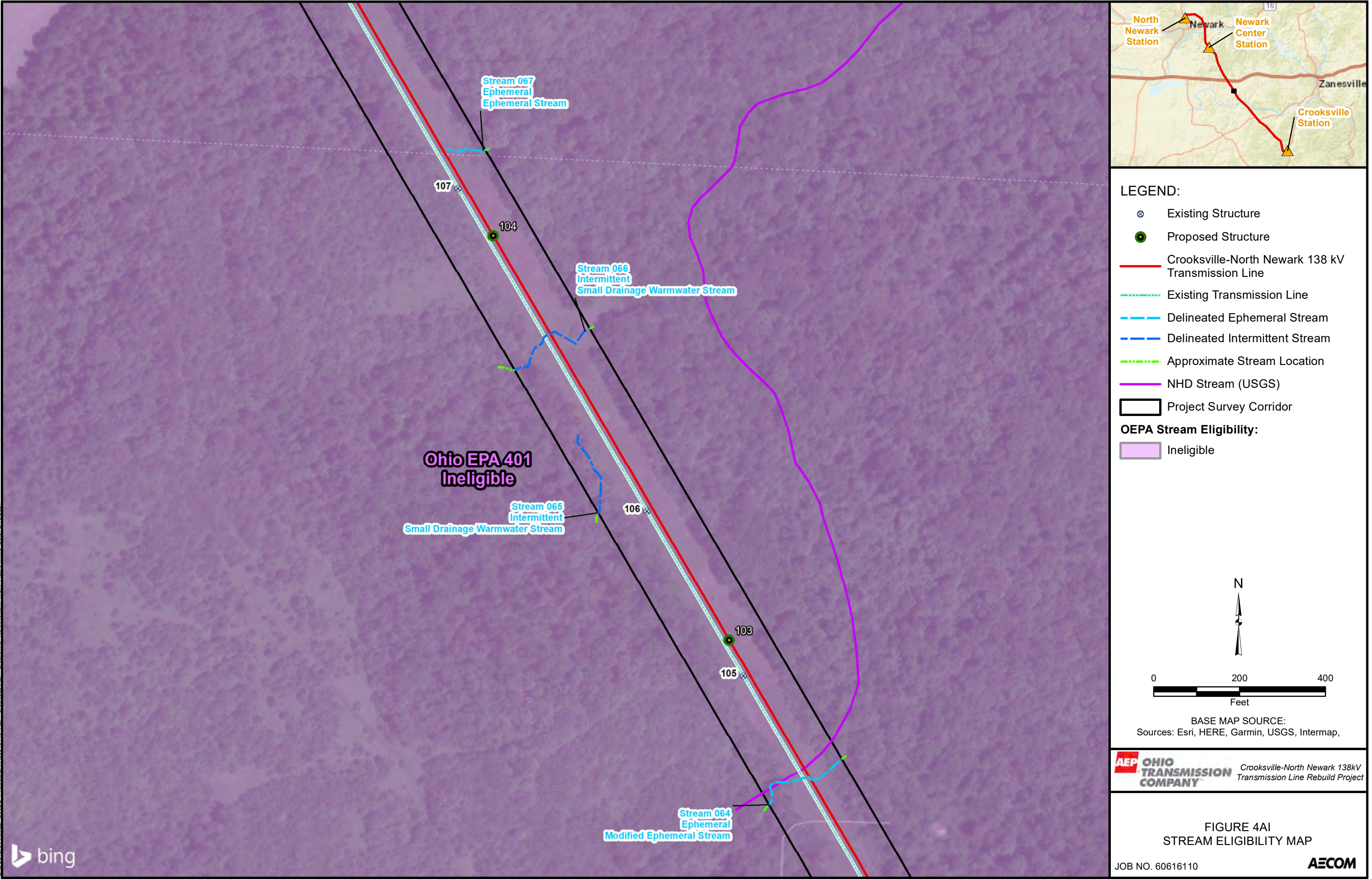
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LEGEND:

- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Ephemeral Stream
- Delineated Intermittent Stream
- Approximate Stream Location
- NHD Stream (USGS)
- Project Survey Corridor

OEPA Stream Eligibility:

- Ineligible

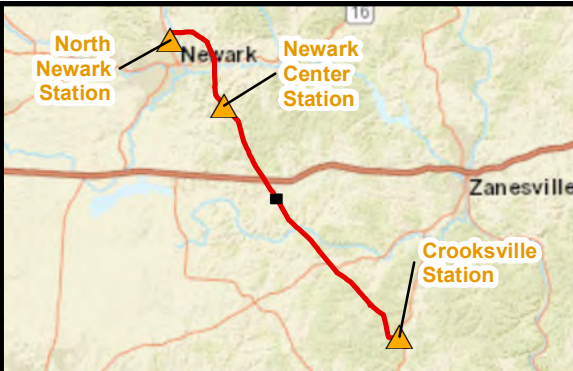
BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

AEP OHIO TRANSMISSION COMPANY Crooksville-North Newark 138kV Transmission Line Rebuild Project

**FIGURE 4AI
STREAM ELIGIBILITY MAP**

JOB NO. 60616110 **AECOM**

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LEGEND:

- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Ephemeral Stream
- Delineated Intermittent Stream
- Approximate Stream Location
- Project Survey Corridor

OEPA Stream Eligibility:

- Ineligible

N

0 200 400

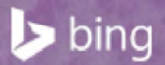
Feet

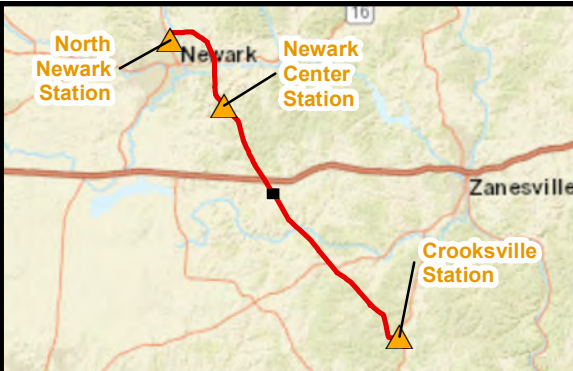
BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

AEP OHIO TRANSMISSION COMPANY Crooksville-North Newark 138kV Transmission Line Rebuild Project

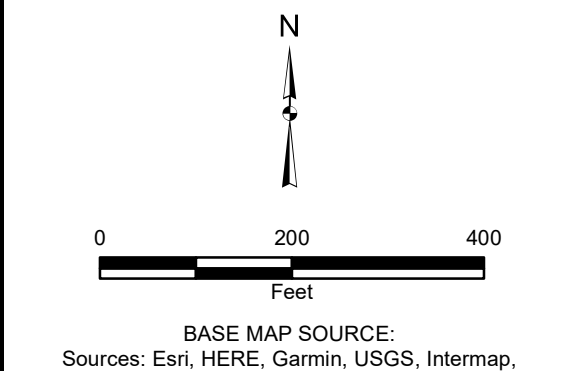
FIGURE 4AJ
STREAM ELIGIBILITY MAP

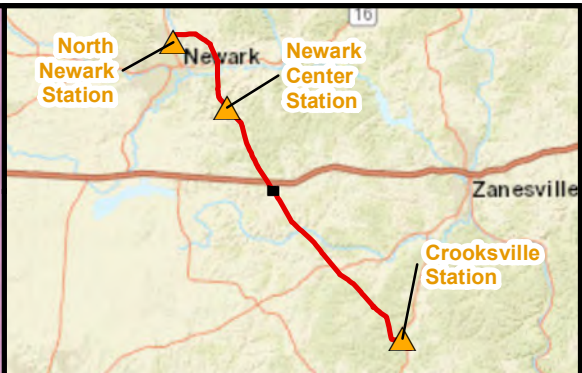
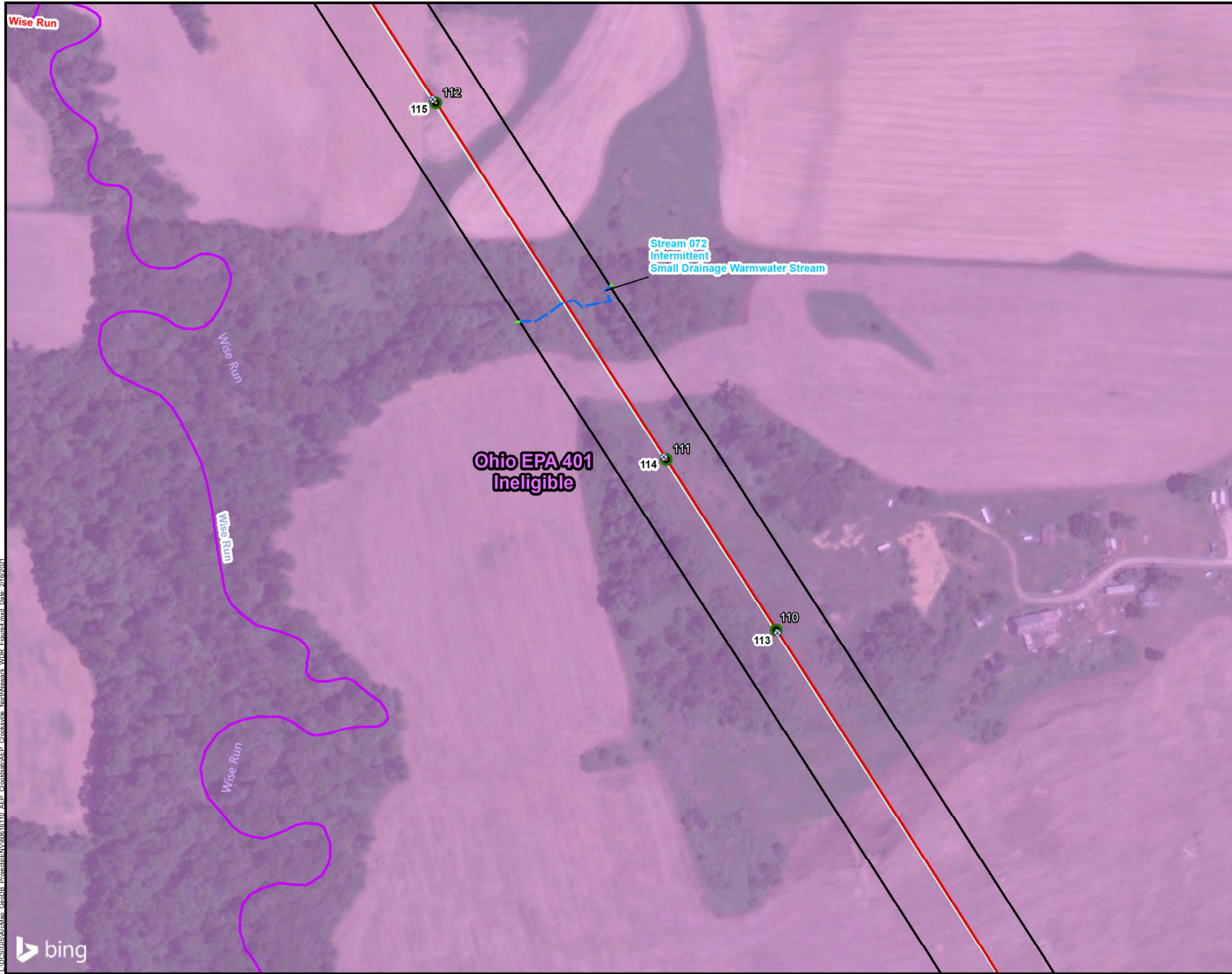
JOB NO. 60616110 **AECOM**



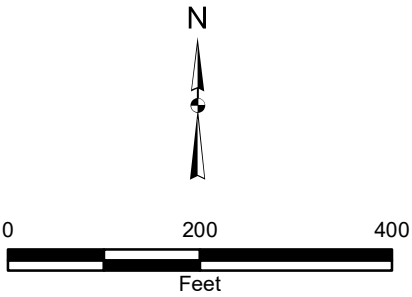


- LEGEND:**
- Culvert
 - ⊗ Existing Structure
 - Proposed Structure
 - Crooksville-North Newark 138 kV Transmission Line
 - - - Existing Transmission Line
 - - - Delineated Intermittent Stream
 - Delineated Perennial Stream
 - · - · - Approximate Stream Location
 - NHD Stream (USGS)
 - ▭ Project Survey Corridor
- OEPA Stream Eligibility:**
- ▭ Ineligible



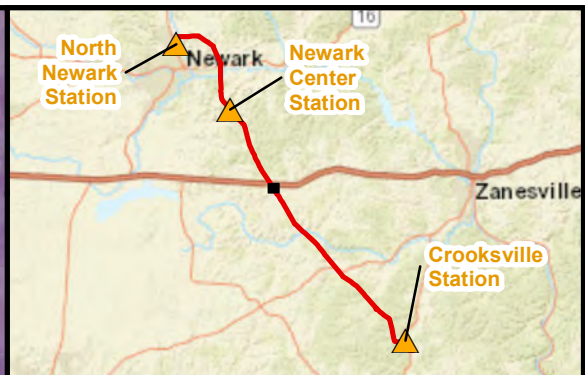
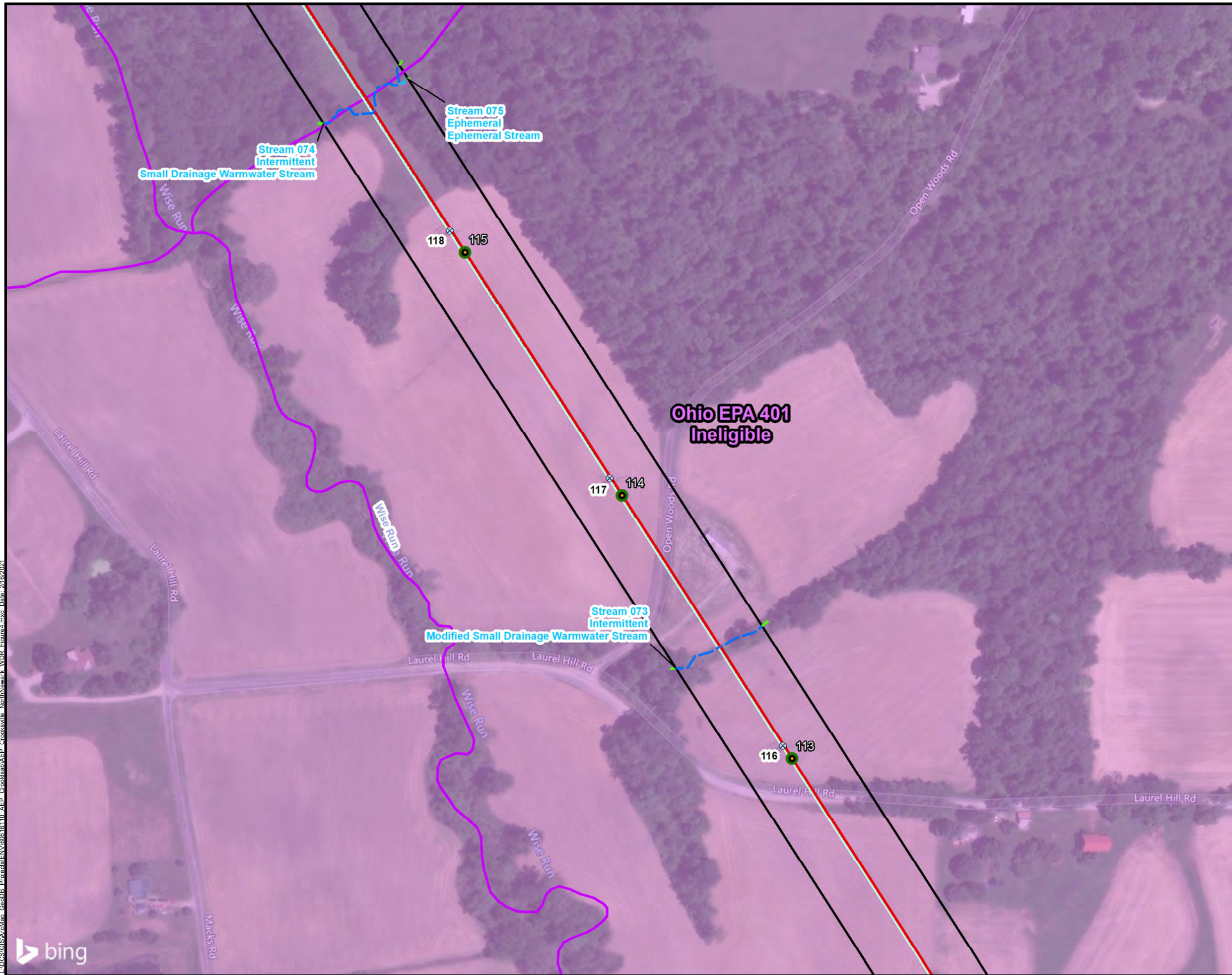


- LEGEND:
- Existing Structure
 - Proposed Structure
 - Crooksville-North Newark 138 kV Transmission Line
 - Existing Transmission Line
 - Delineated Intermittent Stream
 - Approximate Stream Location
 - NHD Stream (USGS)
 - Project Survey Corridor
- OEPA Stream Eligibility:
- Ineligible



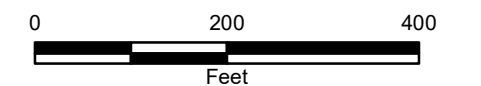
BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

FIGURE 4AL
STREAM ELIGIBILITY MAP



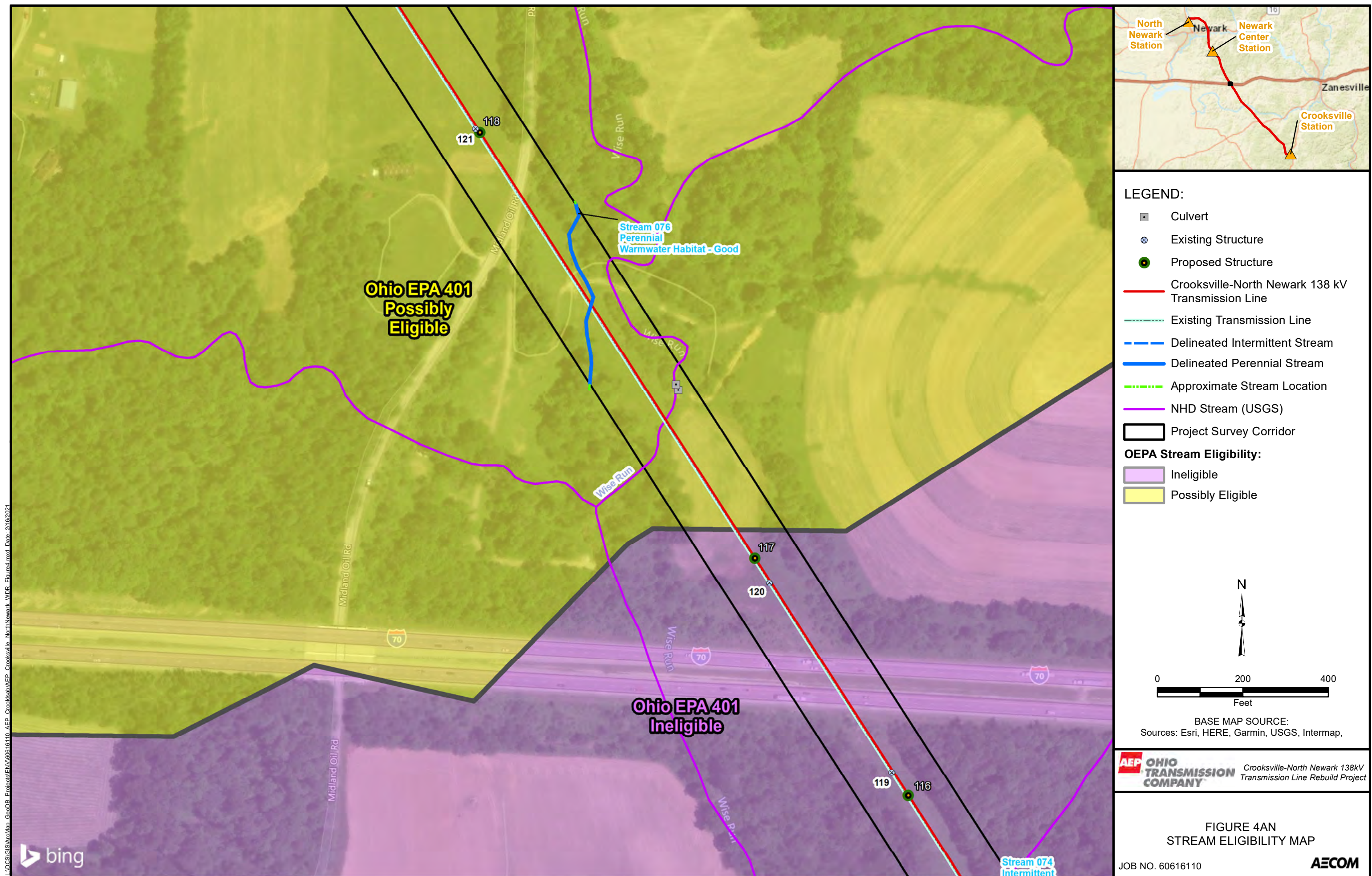
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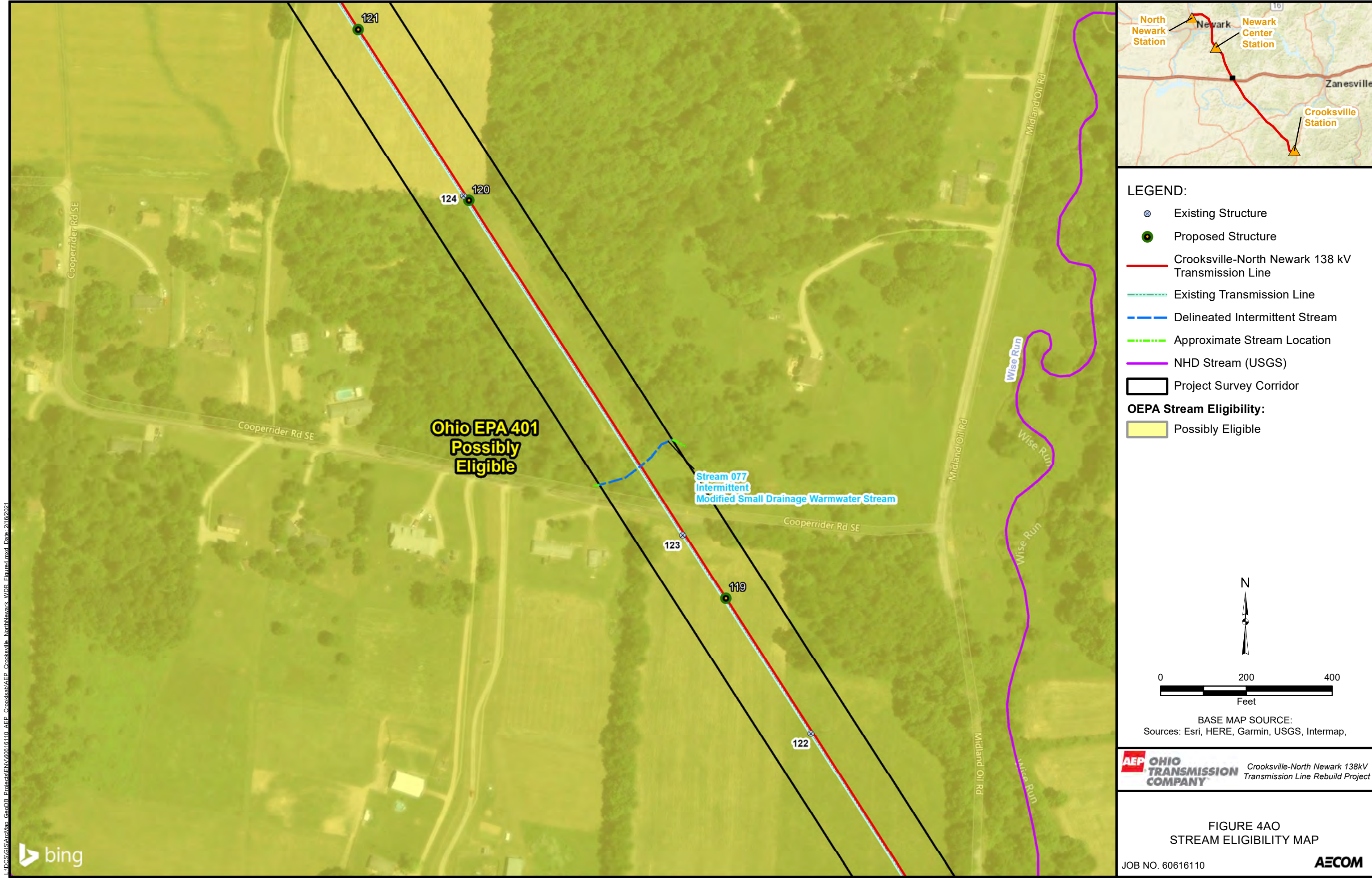
- Existing Structure
 - Proposed Structure
 - Crooksville-North Newark 138 kV Transmission Line
 - Existing Transmission Line
 - Delineated Ephemeral Stream
 - Delineated Intermittent Stream
 - Approximate Stream Location
 - NHD Stream (USGS)
 - Project Survey Corridor
- OEPA Stream Eligibility:**
- Ineligible



BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

FIGURE 4AM
STREAM ELIGIBILITY MAP





LEGEND:

- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- Delineated Intermittent Stream
- Approximate Stream Location
- NHD Stream (USGS)
- Project Survey Corridor

OEPA Stream Eligibility:

- Possibly Eligible

N

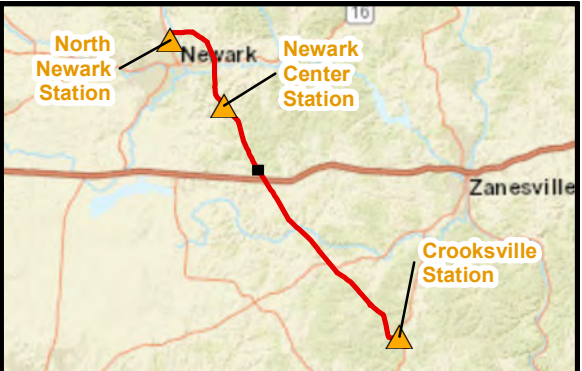
0 200 400
Feet

BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

AEP OHIO TRANSMISSION COMPANY Crooksville-North Newark 138kV Transmission Line Rebuild Project

**FIGURE 4AO
STREAM ELIGIBILITY MAP**

JOB NO. 60616110 **AECOM**



LEGEND:

- Existing Structure
- Proposed Structure
- Crooksville-North Newark 138 kV Transmission Line
- Existing Transmission Line
- NHD Stream (USGS)
- Project Survey Corridor

OEPA Stream Eligibility:

- Possibly Eligible

N

0 200 400
Feet


BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

**OHIO TRANSMISSION COMPANY**

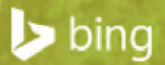
Crooksville-North Newark 138kV
Transmission Line Rebuild Project

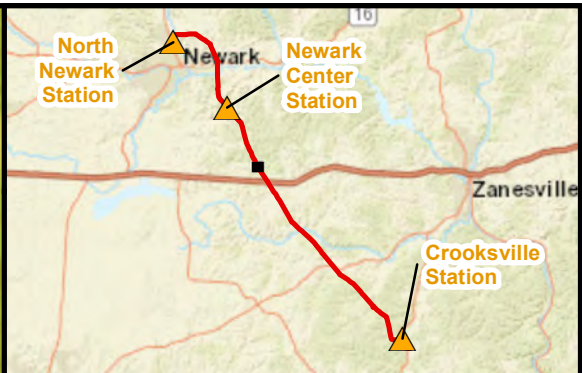
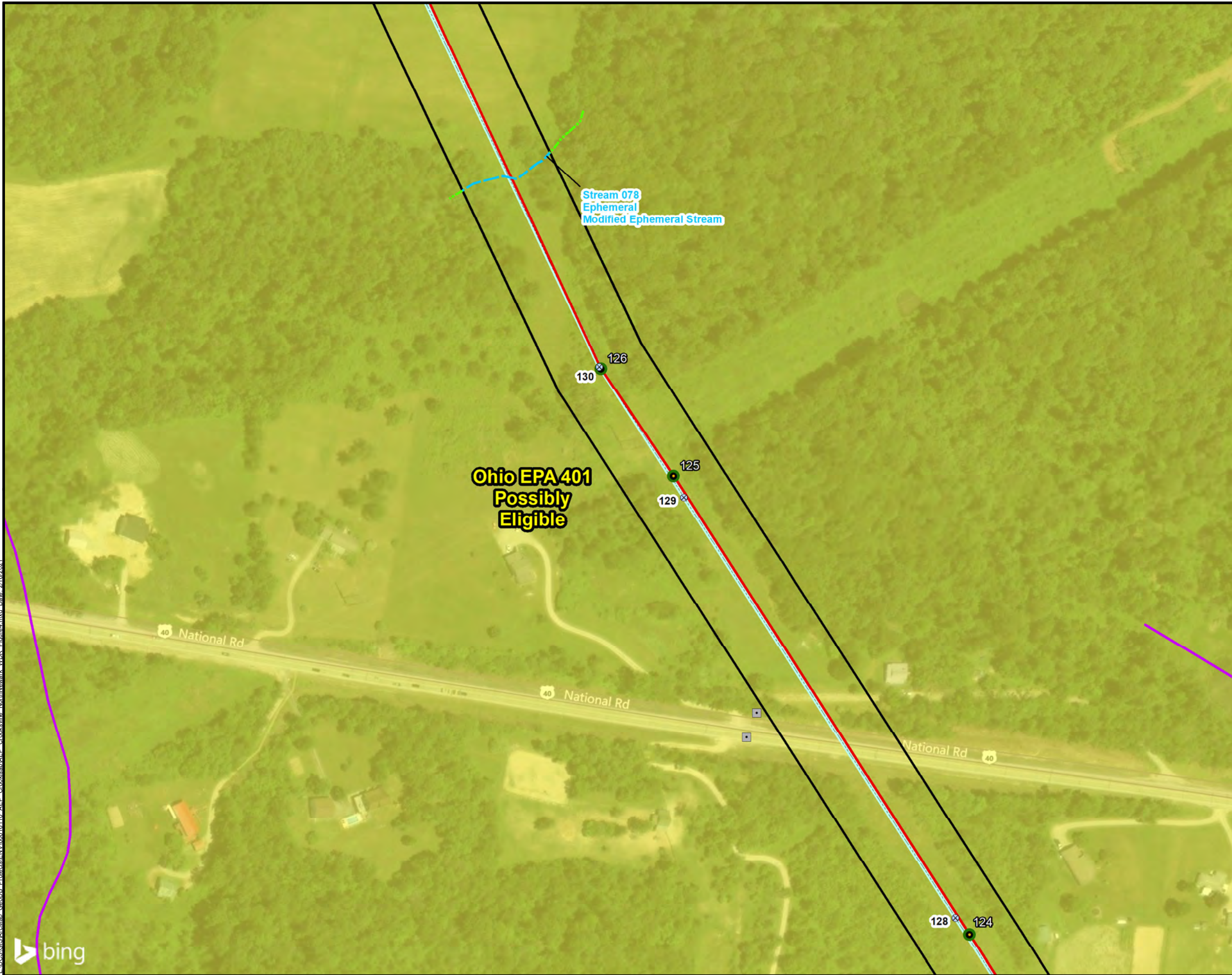
**FIGURE 4AP
STREAM ELIGIBILITY MAP**

JOB NO. 60616110

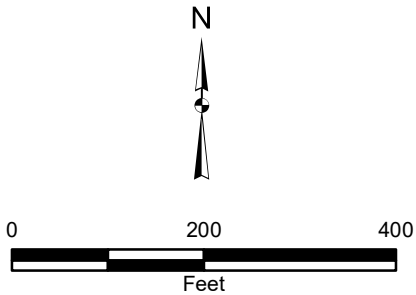


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- LEGEND:**
- Culvert
 - Existing Structure
 - Proposed Structure
 - Crooksville-North Newark 138 kV Transmission Line
 - Existing Transmission Line
 - Delineated Ephemeral Stream
 - Approximate Stream Location
 - NHD Stream (USGS)
 - Project Survey Corridor
 - OEPA Stream Eligibility:**
 - Possibly Eligible

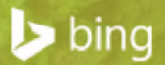


BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

FIGURE 4AQ
STREAM ELIGIBILITY MAP



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FIGURE 4AS
STREAM ELIGIBILITY MAP

**This foregoing document was electronically filed with the Public Utilities
Commission of Ohio Docketing Information System on**

12/2/2021 2:43:41 PM

in

Case No(s). 21-1206-EL-BLN

Summary: Notice Letter of Notification Part 4 electronically filed by Hector Garcia-Santana on behalf of AEP Ohio Transmission Company, Inc.