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

N

0   200   400
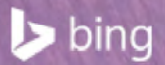Feet

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

AEP OHIO TRANSMISSION COMPANY

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 4BB
STREAM ELIGIBILITY MAP

JOB NO. 60616110

AECOM

North Newark Station
Newark
Newark Center Station
Zanesville
Crooksville Station

159
153
152
158

Ohio EPA 401
Ineligible

Stream 099
Intermittent
Small Drainage Warmwater Stream

151
157

Stream 098
Intermittent
Small Drainage Warmwater Stream

Appleman Rd

Blue Jay Rd

bing

LEGEND:

△ Existing Station
▫ 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:
▭ Ineligible

Newark Center Station

North Newark Station
Newark
Newark Center Station
Zanesville
Crooksville Station

Ohio EPA 401 Ineligible

Stream 100 Intermittent
Small Drainage Warmwater Stream

158
157
162
156
155
161
154
160

Blue Jay Rd
Beal Rd

N

0   200   400
Feet

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

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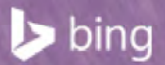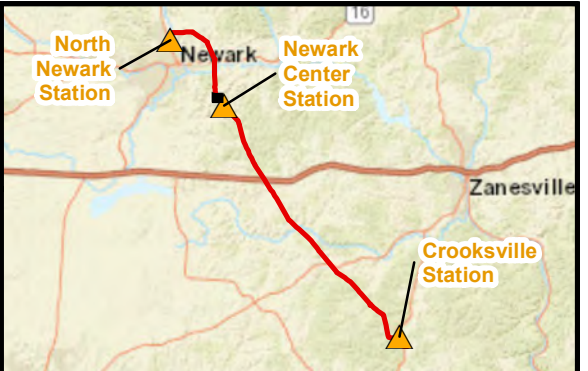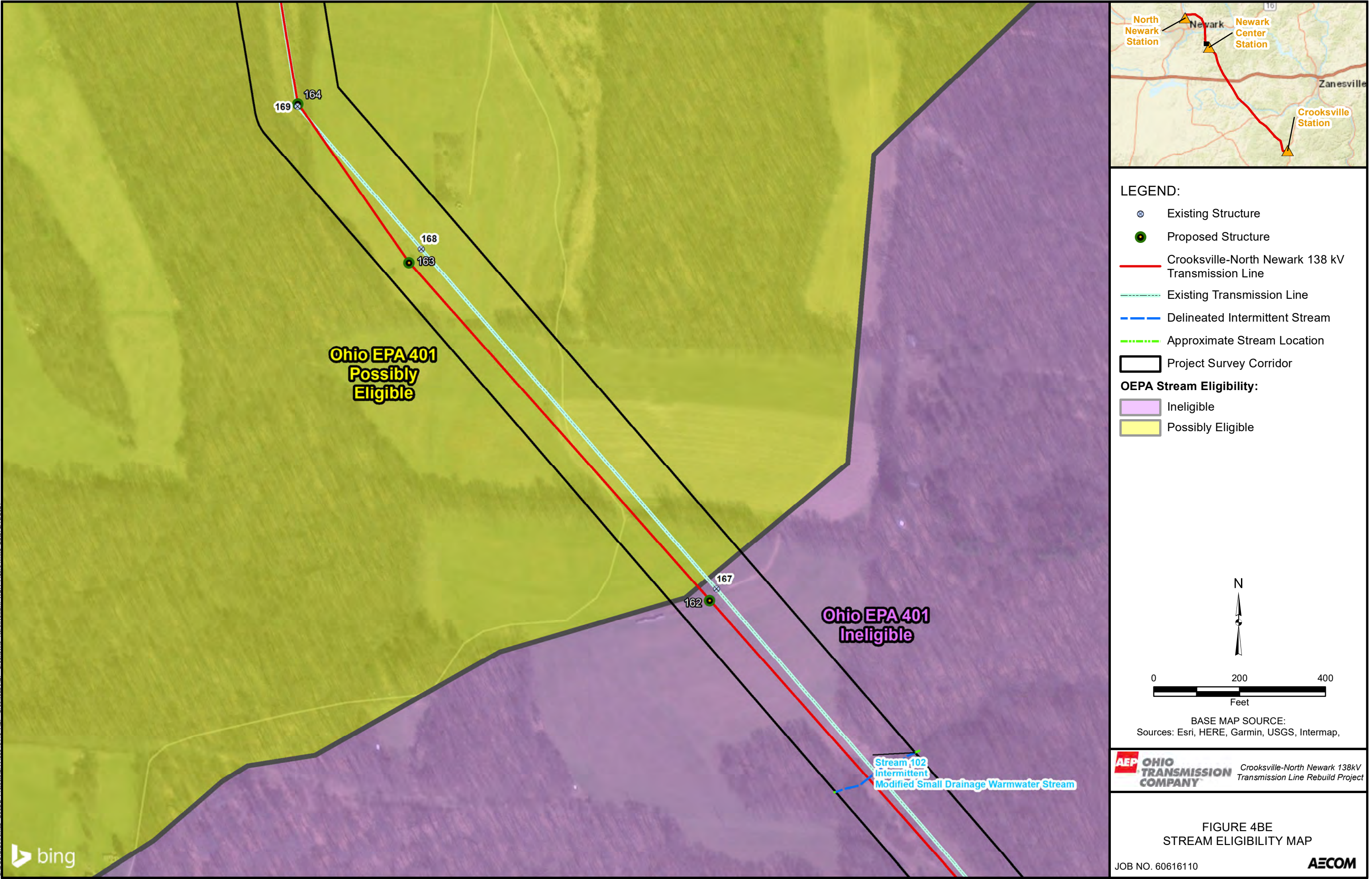Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 4BC
STREAM ELIGIBILITY MAP

JOB NO. 60616110   AECOM

bing

LEGEND:

△ Existing Station

⊗ 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:

▭ Ineligible

Ohio EPA 401 Ineligible

Stream 101 Perennial Warmwater Habitat - Good

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 4BD
STREAM ELIGIBILITY MAP

JOB NO. 60616110   AECOM

FIGURE 4BE
STREAM ELIGIBILITY MAP

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:
- Ineligible
- Possibly Eligible

Ohio EPA 401 Possibly Eligible

Ohio EPA 401 Ineligible

Stream 102 Intermittent
Modified Small Drainage Warmwater Stream

N

0   200   400
Feet

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

AEP OHIO TRANSMISSION COMPANY

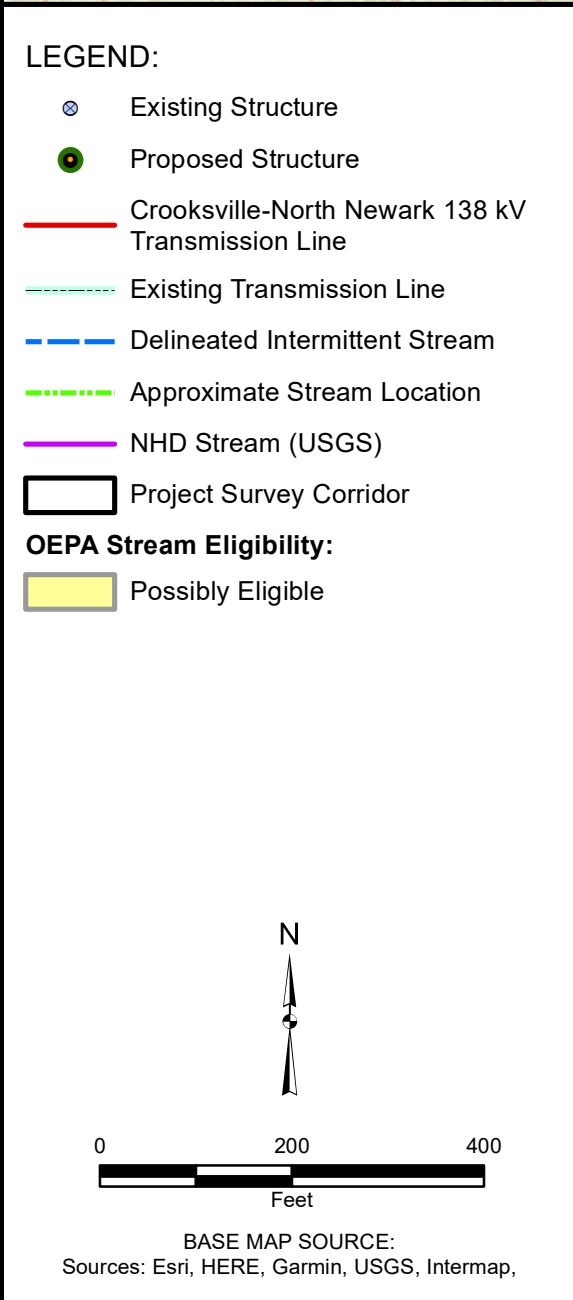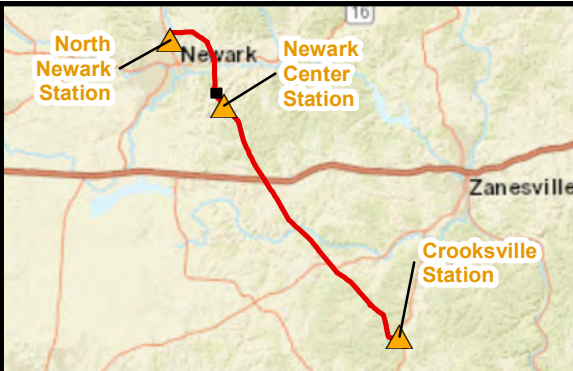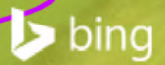Crooksville-North Newark 138kV Transmission Line Rebuild Project

JOB NO. 60616110

AECOM

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crooksville_NorthNewark\AEP_Crooksville_NorthNewark_WDR_Figure4.mxd_Date_2/16/2021

Inset map labels: North Newark Station, Newark, Newark Center Station, Zanesville, Crooksville Station

Map labels:
172 167
171 166
170 165
Stream 104 Intermittent
Modified Small Drainage Warmwater Stream
Stream 103 Intermittent
Modified Small Drainage Warmwater Stream
Equality Run
Ohio EPA 401 Possibly Eligible

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
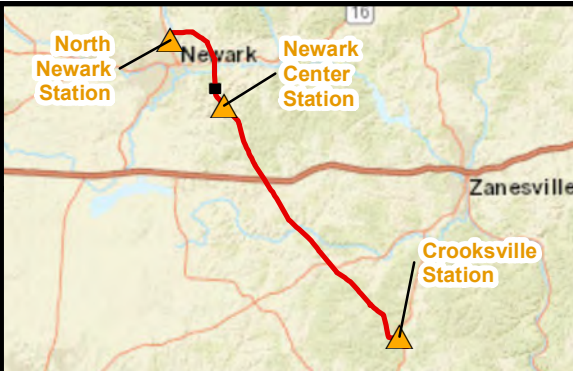
FIGURE 4BF
STREAM ELIGIBILITY MAP

JOB NO. 60616110

AECOM

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

Ohio EPA 401 Possibly Eligible

Stream 105 Intermittent Modified Small Drainage Warmwater Stream

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 4BG
STREAM ELIGIBILITY MAP

JOB NO. 60616110

AECOM
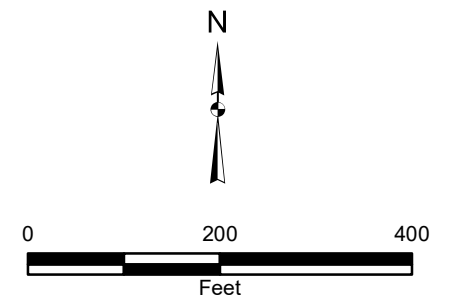
bing

LEGEND:

⊗ Existing Structure

● Proposed Structure

▬▬ Crooksville-North Newark 138 kV Transmission Line

┈┈ Existing Transmission Line

▬▬ NHD Stream (USGS)

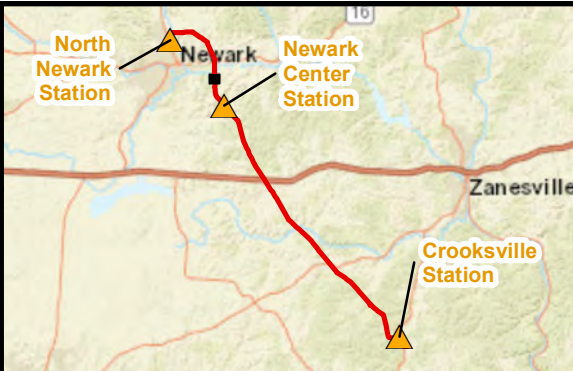▭ Project Survey Corridor

OEPA Stream Eligibility:

▭ Possibly Eligible

Ohio EPA 401 Possibly Eligible

172
177
171
176
175 170

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 4BH
STREAM ELIGIBILITY MAP

JOB NO. 60616110   AECOM

North Newark Station
Newark
Newark Center Station
Zanesville
Crooksville Station

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

Stream 106
Intermittent
Small Drainage Warmwater Stream

Ohio EPA 401
Possibly
Eligible

179 · 174
178 · 173
177 · 172

N

0   200   400
Feet

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

AEP OHIO TRANSMISSION COMPANY

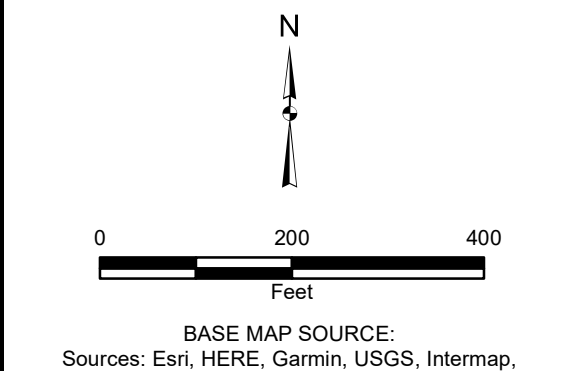*Crooksville-North Newark 138kV Transmission Line Rebuild Project*

FIGURE 4BI
STREAM ELIGIBILITY MAP

JOB NO. 60616110
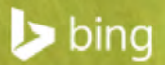
AECOM

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

Crooksville-North Newark 138 kV Transmission Line

Existing Transmission Line

Delineated Ephemeral Stream

Delineated Perennial Stream

Approximate Stream Location

NHD Stream (USGS)

Project Survey Corridor

OEPA Stream Eligibility:

Possibly Eligible

Stream 108
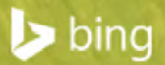Perennial
OEPA Warmwater Habitat

Ohio EPA 401
Possibly
Eligible

175

180

Stream 107
Ephemeral
Ephemeral Stream

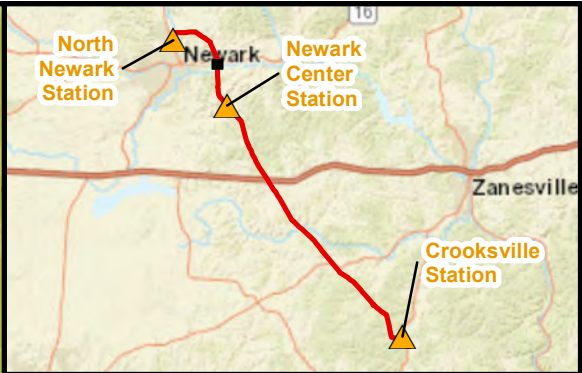179 174

Licking River

N

0   200   400
Feet

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

AEP OHIO TRANSMISSION COMPANY

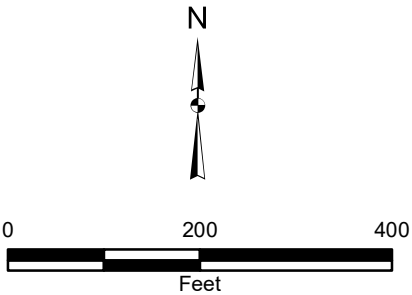*Crooksville-North Newark 138kV Transmission Line Rebuild Project*

FIGURE 4BJ
STREAM ELIGIBILITY MAP

JOB NO. 60616110   AECOM

North Newark Station   Newark   Newark Center Station   Zanesville   Crooksville Station

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

Ohio EPA 401
Possibly
Eligible

Shawnee Run · Shawnee Run · Shawnee Run

Licking River

178
183

177
182

181 176

N

0   200   400
Feet

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

North Newark Station · Newark · Newark Center Station · Zanesville · Crooksville Station

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 4BK
STREAM ELIGIBILITY MAP

JOB NO. 60616110

AEP OHIO TRANSMISSION COMPANY

AECOM

bing

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:

▭ Possibly Eligible

Ohio EPA 401 Possibly Eligible

Stream 109 Perennial Modified Warmwater Habitat

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 4BL
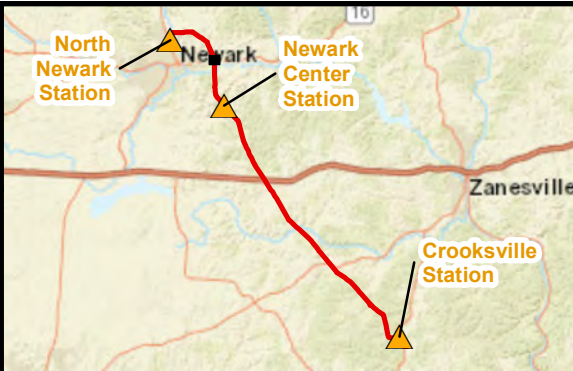STREAM ELIGIBILITY MAP

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

Ohio EPA 401 Possibly Eligible

N

0   200   400
Feet

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

AEP OHIO TRANSMISSION COMPANY

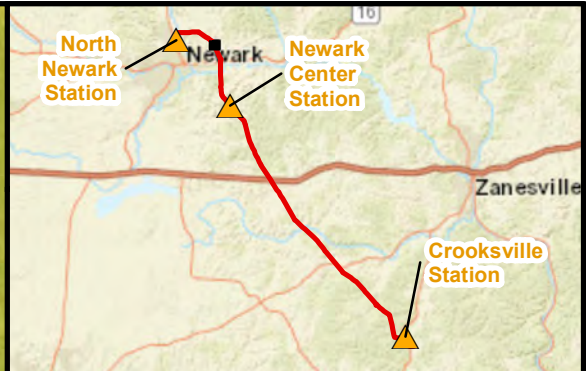*Crooksville-North Newark 138kV Transmission Line Rebuild Project*

FIGURE 4BM
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

Ohio EPA 401
Possibly
Eligible

191
186

185
190

Butler Rd

Dayton Rd NE

North Newark Station
Newark
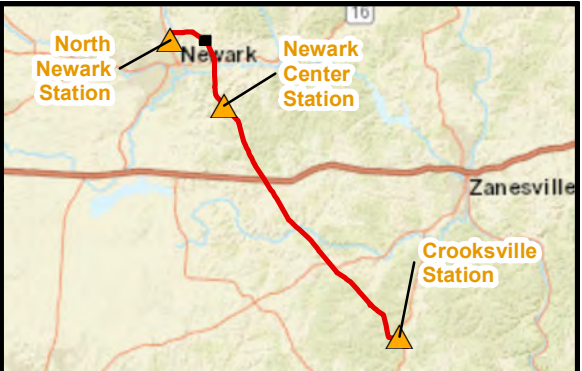Newark Center Station
Zanesville
Crooksville Station

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 4BN
STREAM ELIGIBILITY MAP

JOB NO. 60616110   AECOM

Stream 111
Ephemeral
Modified Ephemeral Stream

Stream 110
Intermittent
Small Drainage Warmwater Stream

194

188

Ohio EPA 401
Possibly
Eligible

193

187 192

Fairfield Dr

North
Newark
Station
Newark

Newark
Center
Station

Zanesville

Crooksville
Station

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

N

0   200   400
Feet

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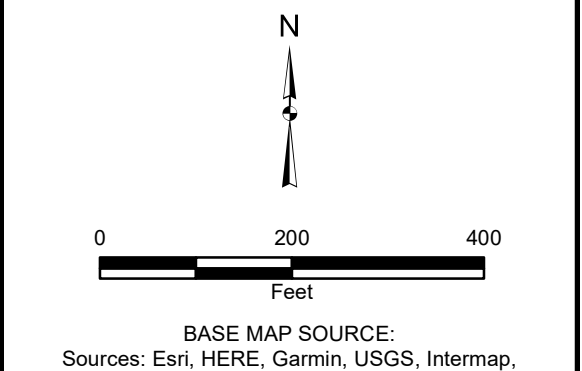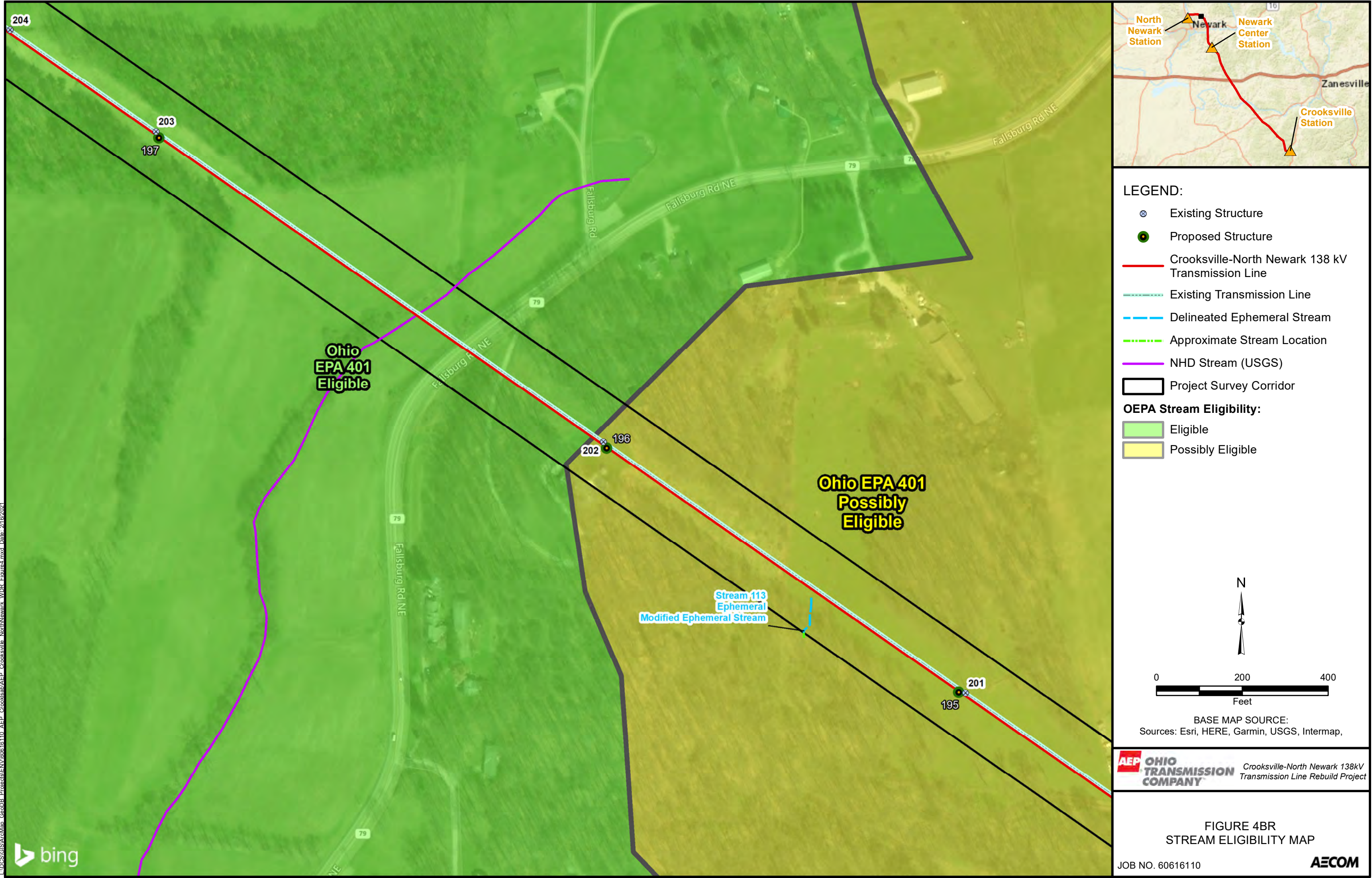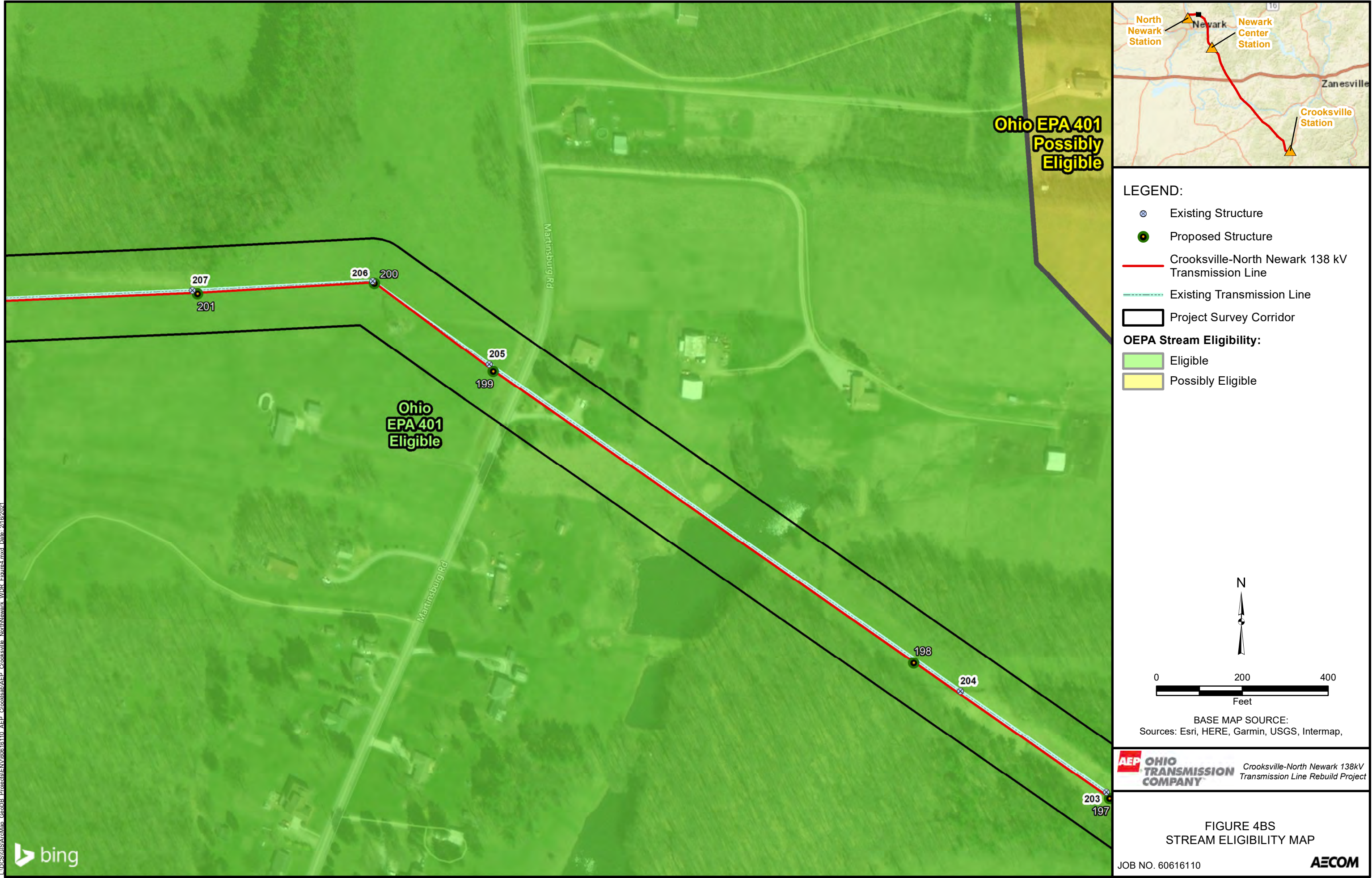Sources: Esri, HERE, Garmin, USGS, Intermap,

Crooksville-North Newark 138kV
Transmission Line Rebuild Project

FIGURE 4BO
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:

▭ Possibly Eligible

Ohio EPA 401 Possibly Eligible

Stream 112 Ephemeral Modified Ephemeral Stream

N

0   200   400
Feet

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

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 4BP
STREAM ELIGIBILITY MAP

JOB NO. 60616110

AECOM

AEP OHIO TRANSMISSION COMPANY
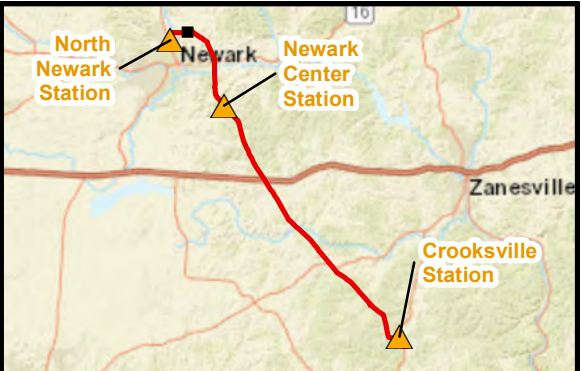
North Newark Station   Newark   Newark Center Station   Zanesville   Crooksville Station

LEGEND:

- ▪ Culvert
- ⊗ Existing Structure
- ◉ Proposed Structure
- ▬▬ Crooksville-North Newark 138 kV Transmission Line
- ─·─· Existing Transmission Line
- ▬▬ NHD Stream (USGS)
- ▭ Project Survey Corridor

OEPA Stream Eligibility:
- ▮ Eligible
- ▮ Possibly Eligible

Ohio EPA 401 Possibly Eligible

Ohio EPA 401 Eligible
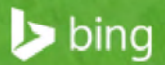
Shawnee Run

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 4BQ
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

🟨 Possibly Eligible

Ohio EPA 401 Eligible

Ohio EPA 401 Possibly Eligible

Stream 113 Ephemeral
Modified Ephemeral Stream

N

0   200   400
Feet

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

AEP OHIO TRANSMISSION COMPANY

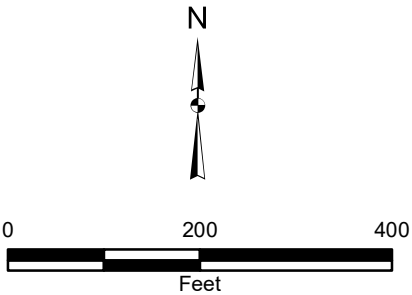*Crooksville-North Newark 138kV Transmission Line Rebuild Project*

FIGURE 4BR
STREEM ELIGIBILITY MAP

JOB NO. 60616110   AECOM

Inset map labels
North Newark Station
Newark
Newark Center Station
Zanesville
Crooksville Station

Map labels
Ohio EPA 401 Possibly Eligible
Ohio EPA 401 Eligible
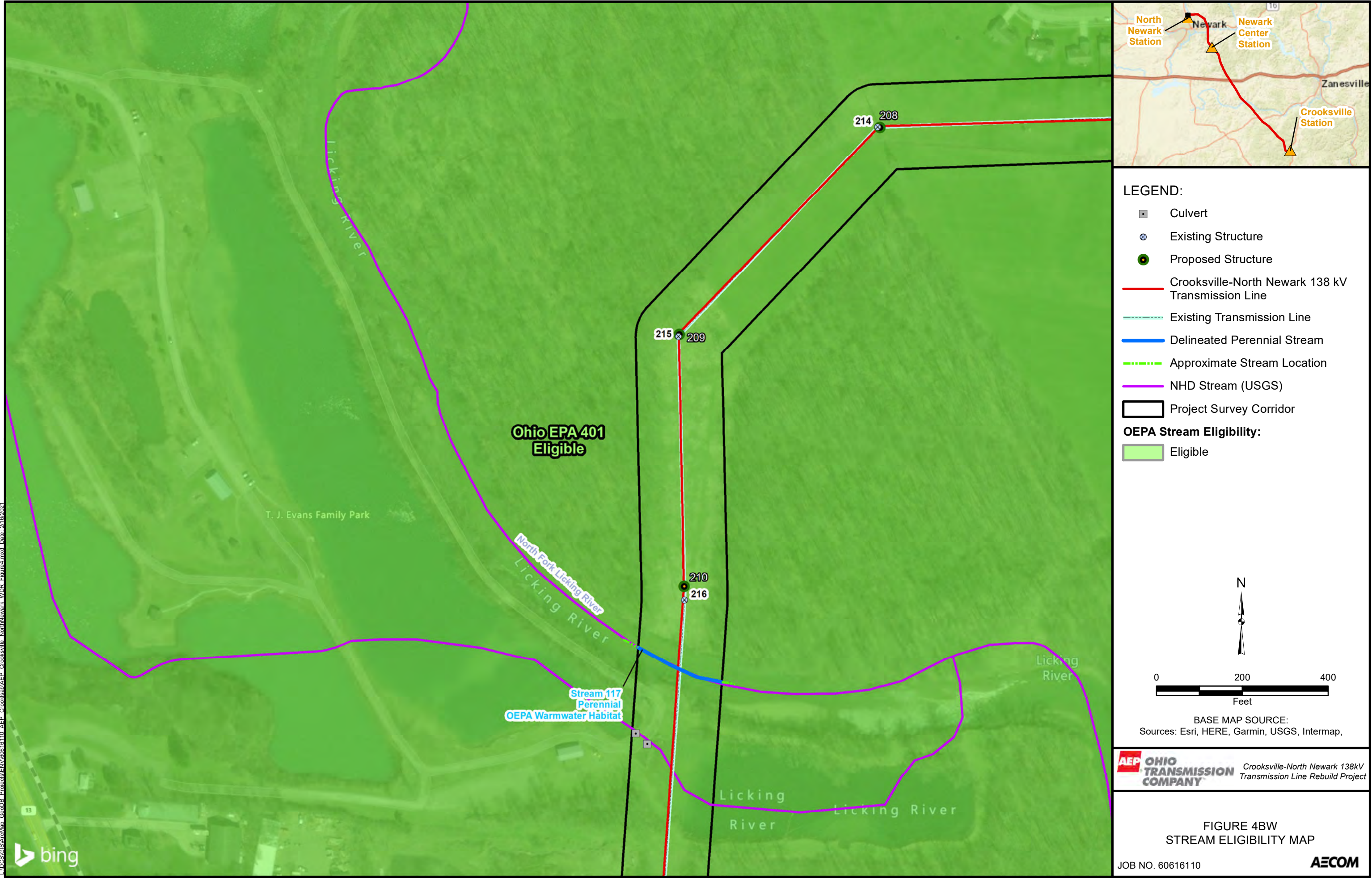Martinsburg Rd

207
206 200
201
205
199
198
204
203
197

LEGEND:

⊗ Existing Structure

● Proposed Structure

— Crooksville-North Newark 138 kV Transmission Line

-·-·- Existing Transmission Line

▭ Project Survey Corridor

OEPA Stream Eligibility:

Eligible

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 4BS
STREAM ELIGIBILITY MAP

JOB NO. 60616110

AECOM

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

Stream 114
Perennial
Modified Small Drainage Warmwater Stream

Ohio EPA 401
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 4BT
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

Delineated Intermittent Stream

Approximate Stream Location

NHD Stream (USGS)

Project Survey Corridor

OEPA Stream Eligibility:

Eligible

Stream 116
Ephemeral
Ephemeral Stream

Stream 115
Intermittent
Small Drainage Warmwater Stream

Ohio EPA 401
Eligible

N

0   200   400
Feet

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

*Crooksville-North Newark 138kV
Transmission Line Rebuild Project*

FIGURE 4BU
STREAM ELIGIBILITY MAP

JOB NO. 60616110

AEP OHIO TRANSMISSION COMPANY

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:

▢ Eligible

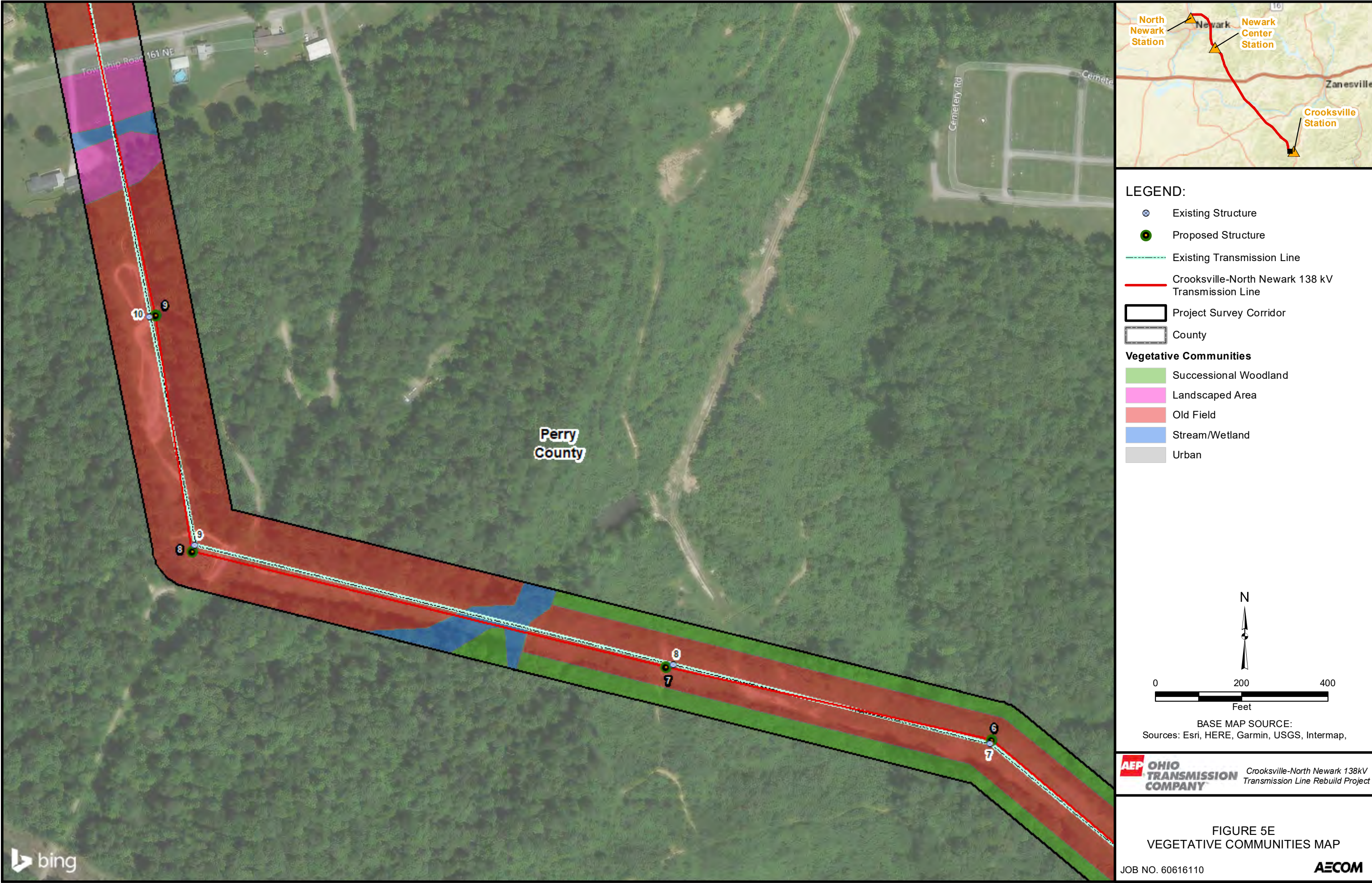Ohio EPA 401 Eligible

N

0   200   400
Feet

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

AEP OHIO TRANSMISSION COMPANY

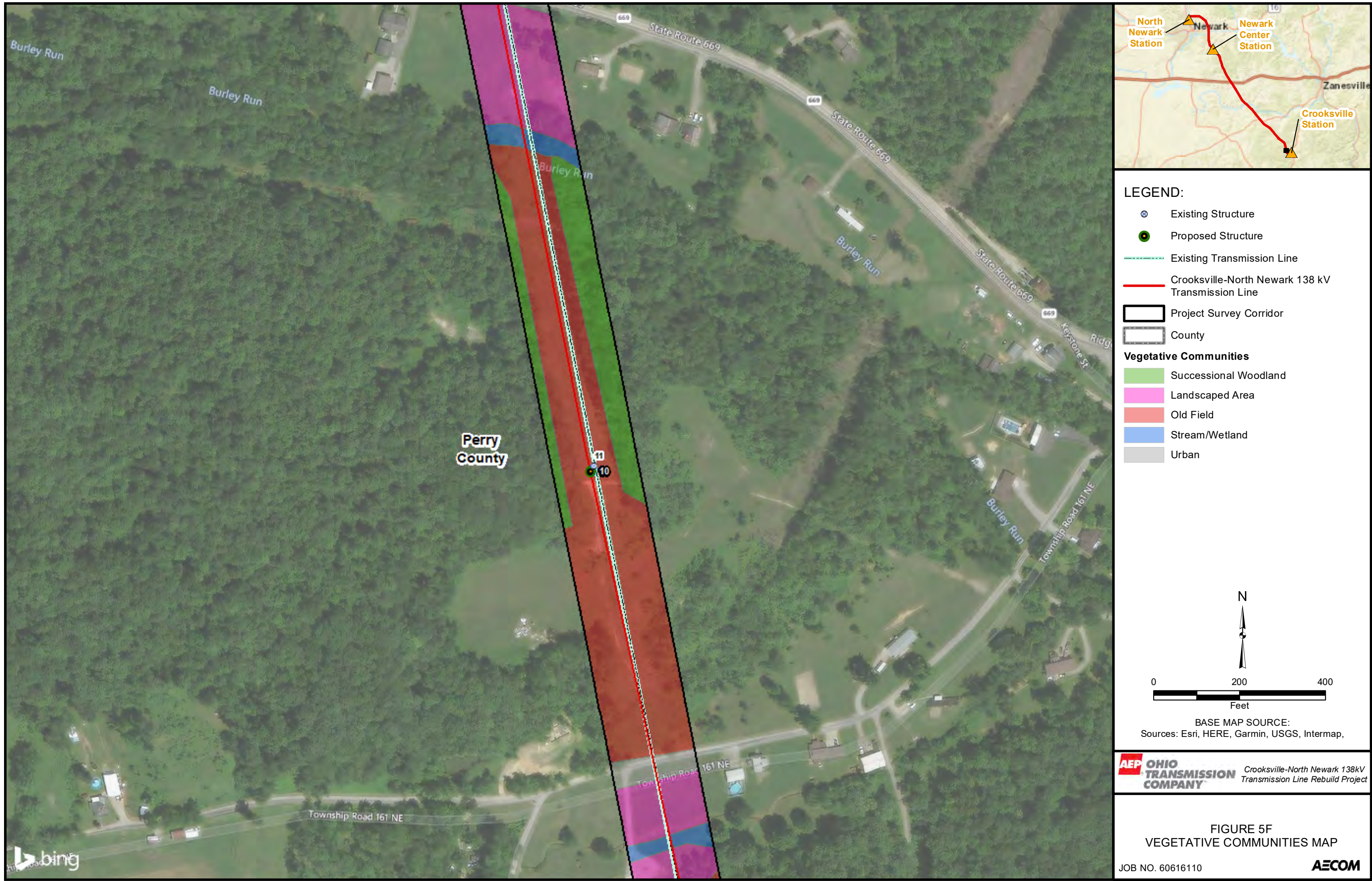*Crooksville-North Newark 138kV Transmission Line Rebuild Project*

FIGURE 4BV
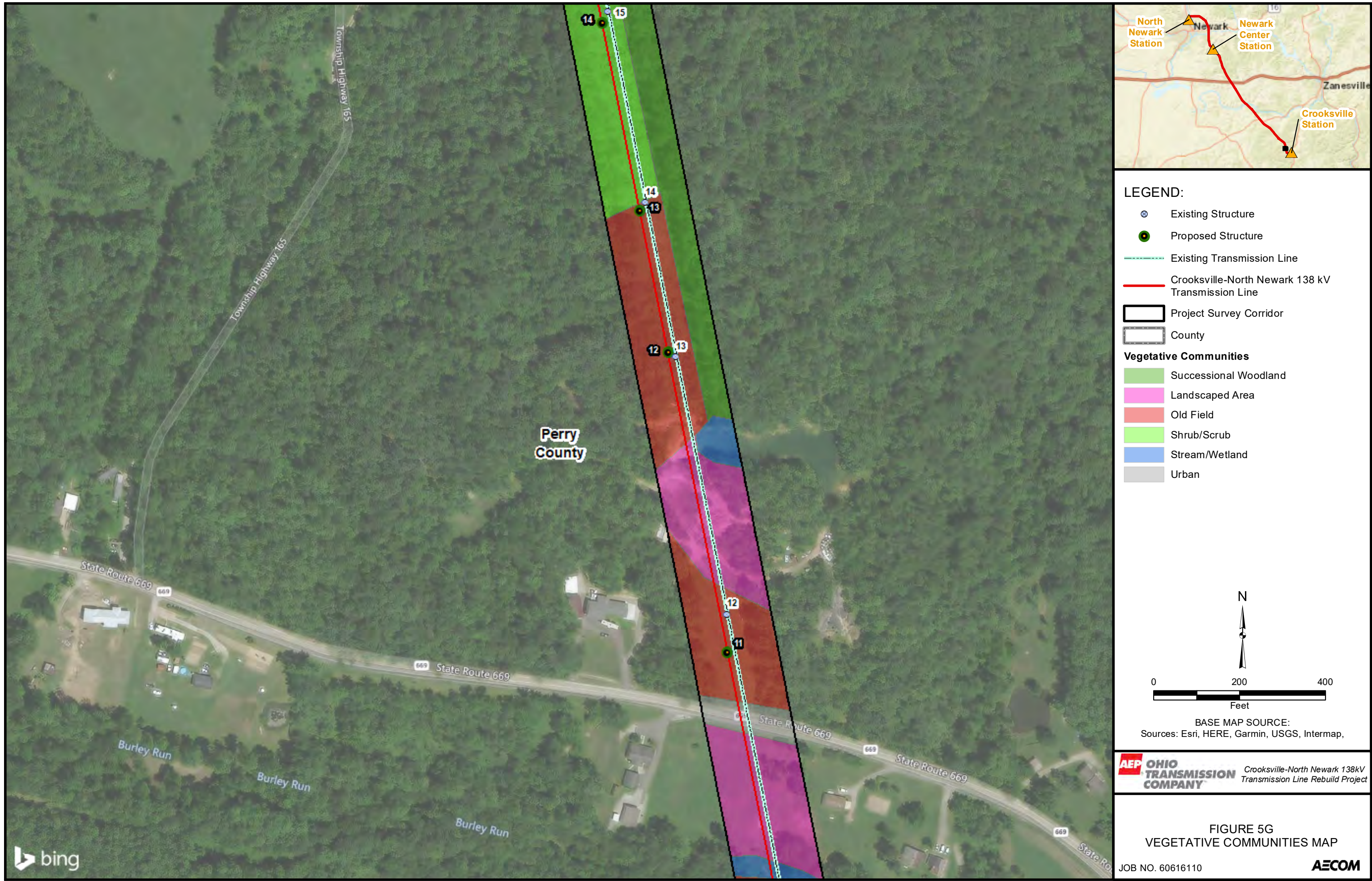STREAM ELIGIBILITY MAP

JOB NO. 60616110   AECOM

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

Ohio EPA 401 Eligible

Stream 117 Perennial OEPA Warmwater Habitat

Licking River
North Fork Licking River
Licking River
T. J. Evans Family Park

214 208
215 209
210 216

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 4BW
STREAM ELIGIBILITY MAP

JOB NO. 60616110   AECOM

North Newark Station   Newark   Newark Center Station   Zanesville   Crooksville Station

LEGEND:

△ Existing Station

▫ Culvert

⊗ Existing Structure

◉ Proposed Structure

── Crooksville-North Newark 138 kV Transmission Line

── Existing Transmission Line

── Delineated Ephemeral Stream

── Delineated Perennial Stream

── Approximate Stream Location

── NHD Stream (USGS)

▢ Project Survey Corridor

OEPA Stream Eligibility:

▢ Eligible

Stream 117
Perennial
OEPA Warmwater Habitat

North Fork Licking River

Licking River

Licking River

Ohio EPA 401 Eligible

Stream 118
Ephemeral
Small Drainage Warmwater Stream

211
217

North Newark - Crooksville

North Newark Station

Mount Vernon Rd

Gladys Ave

bing

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 4BX
STREAM ELIGIBILITY MAP

JOB NO. 60616110   AECOM

LEGEND:

- ⊙ Proposed Structure
- ▲ Existing Station
- —— Crooksville-North Newark 138 kV Transmission Line
- ▭ Project Survey Corridor
- ▭ County

Vegetative Communities

- ■ Old Field
- ■ Stream/Wetland
- ■ Urban

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 5A
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Map labels: Crooksville Station (Crooksville – South Lancaster 138), Crooksville Station (Crooksville – North Newark 138), Crooksville Station, Perry County, Moxahala Creek, State Route 93 NE

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crookslab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

- ⊗ Existing Structure
- ◉ Proposed Structure
- --- Existing Transmission Line
- ▬▬ Crooksville-North Newark 138 kV Transmission Line
- ☐ Project Survey Corridor
- ☐ County

Vegetative Communities

- 🟩 Successional Woodland
- 🟧 Hay Field/Pasture
- 🟥 Old Field
- 🟢 Shrub/Scrub
- 🟦 Stream/Wetland
- ⬜ Urban

Perry County

State Route 93 NE

Moxahala Creek

North Newark Station

Newark Center Station

Crooksville Station

Newark

Zanesville

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 5B
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM
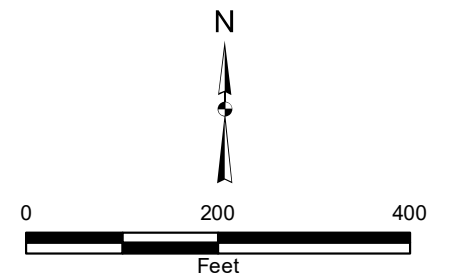
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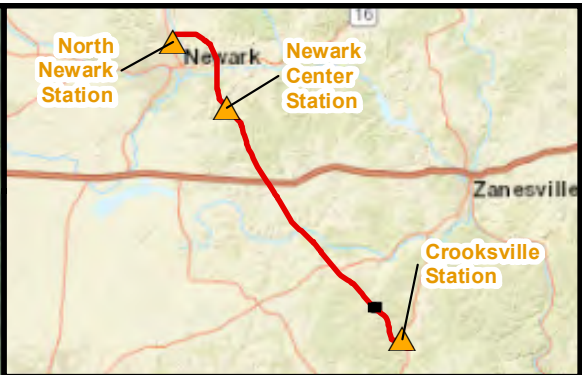
bing

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

┄ Existing Transmission Line

━ Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

■ Successional Woodland

■ Landscaped Area

■ Old Field

■ Shrub/Scrub

■ Stream/Wetland

■ Urban

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 5C
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

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Perry County
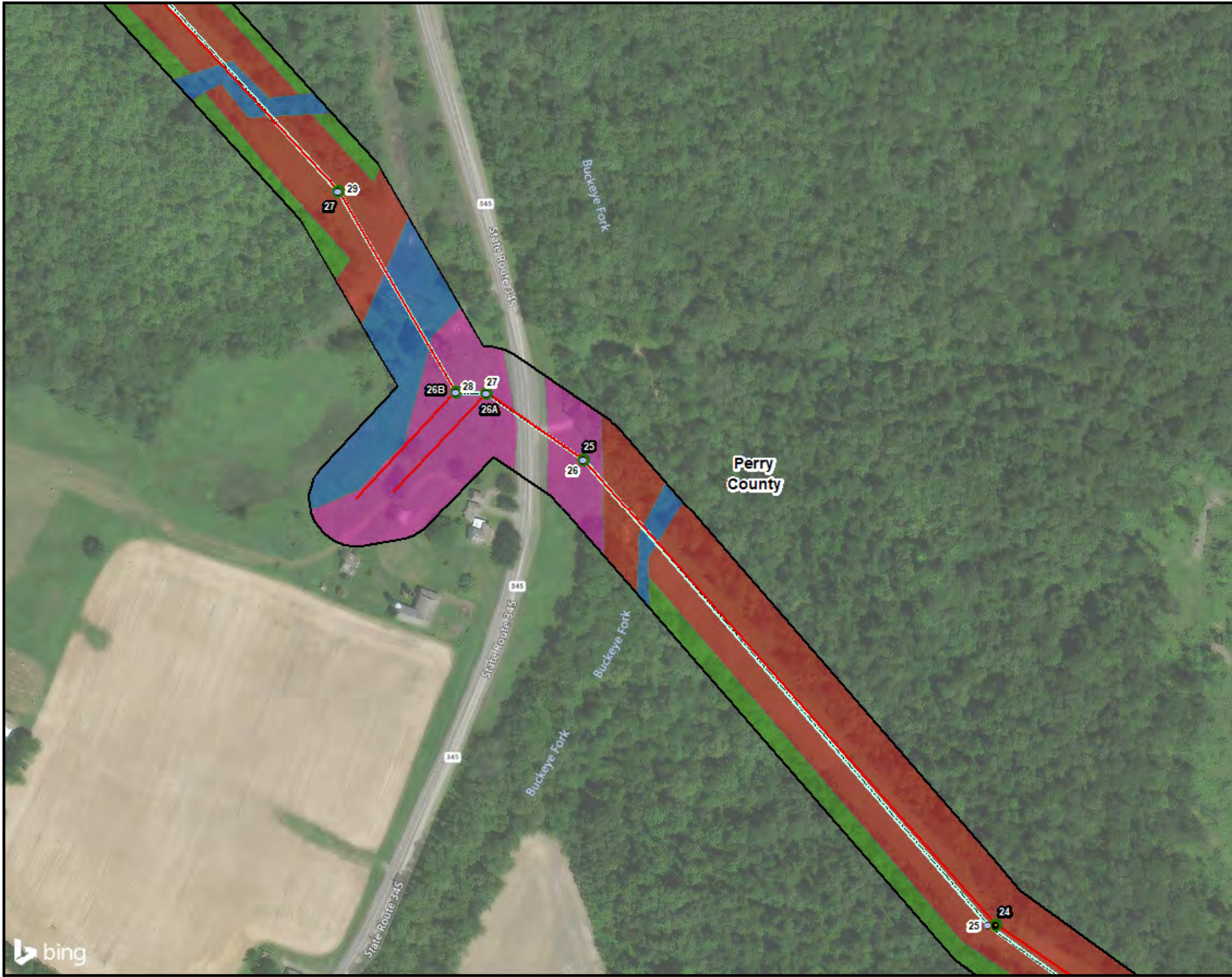
64N

Moxahala Creek

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

--- Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

🟩 Successional Woodland

🟧 Hay Field/Pasture

🟪 Landscaped Area

🟥 Old Field

🟩 Shrub/Scrub

🟦 Stream/Wetland

⬜ Urban

Perry County

North Newark Station

Newark

Newark Center Station

Zanesville

Crooksville Station

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 5D
VEGETATIVE COMMUNITIES MAP

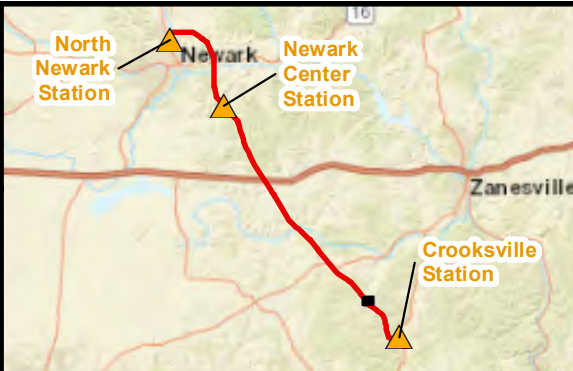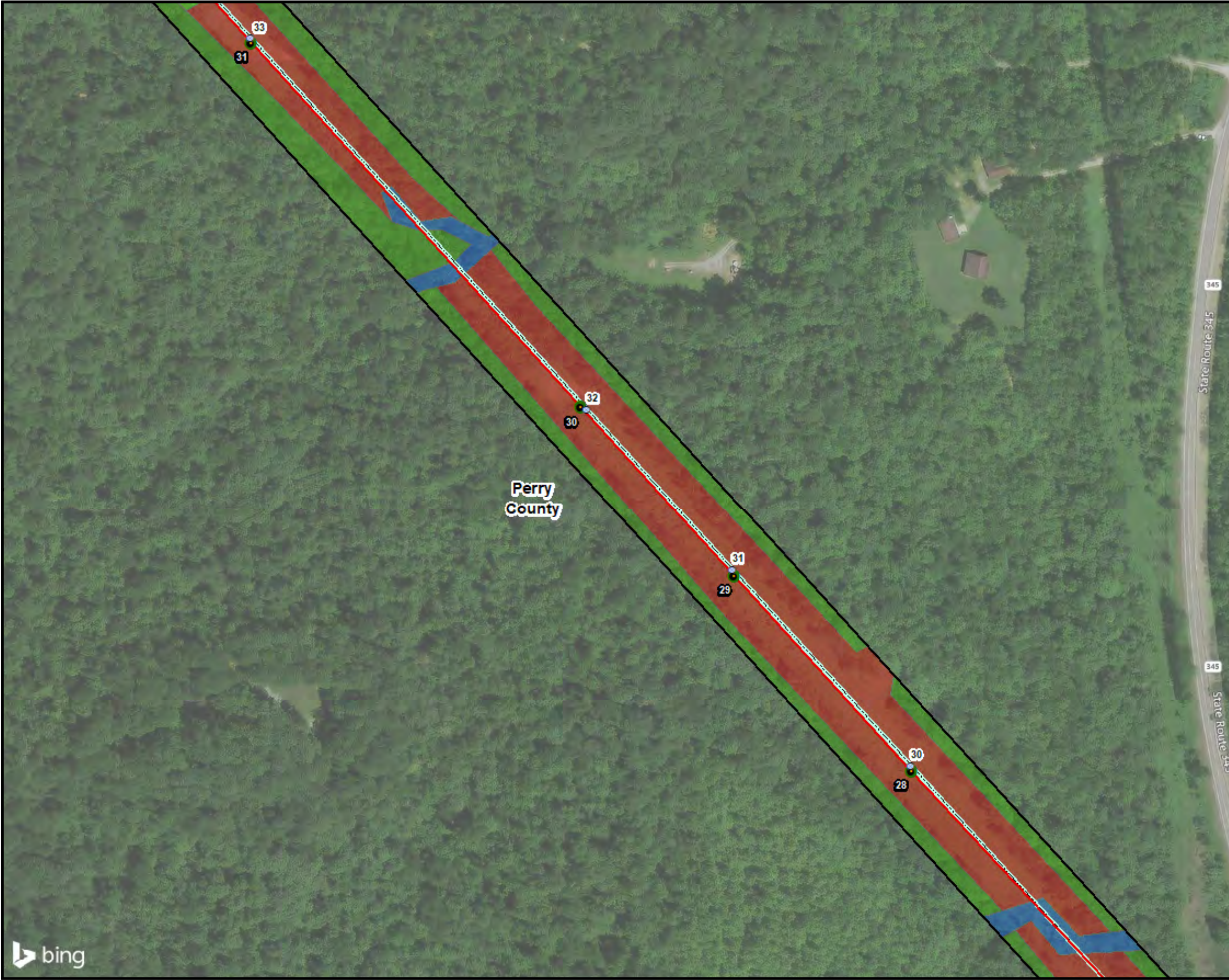JOB NO. 60616110

AECOM

bing

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

—·—·— Existing Transmission Line

——— Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

🟩 Successional Woodland

🟪 Landscaped Area

🟥 Old Field

🟦 Stream/Wetland

⬜ Urban

Perry County

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 5E
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

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LEGEND:

⊗ Existing Structure

◉ Proposed Structure

- - - Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

🟩 Successional Woodland

🟪 Landscaped Area

🟥 Old Field

🟦 Stream/Wetland

⬜ Urban

N

0   200   400
Feet

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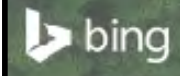Sources: Esri, HERE, Garmin, USGS, Intermap,

AEP OHIO TRANSMISSION COMPANY

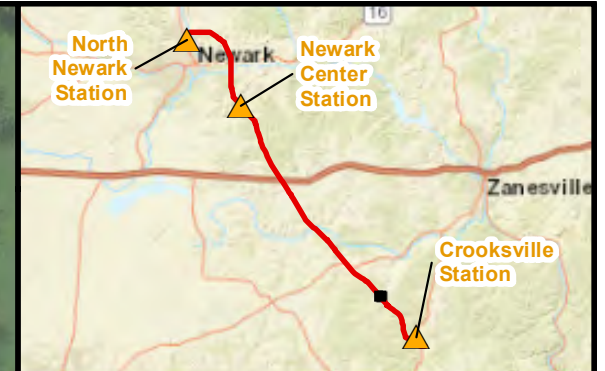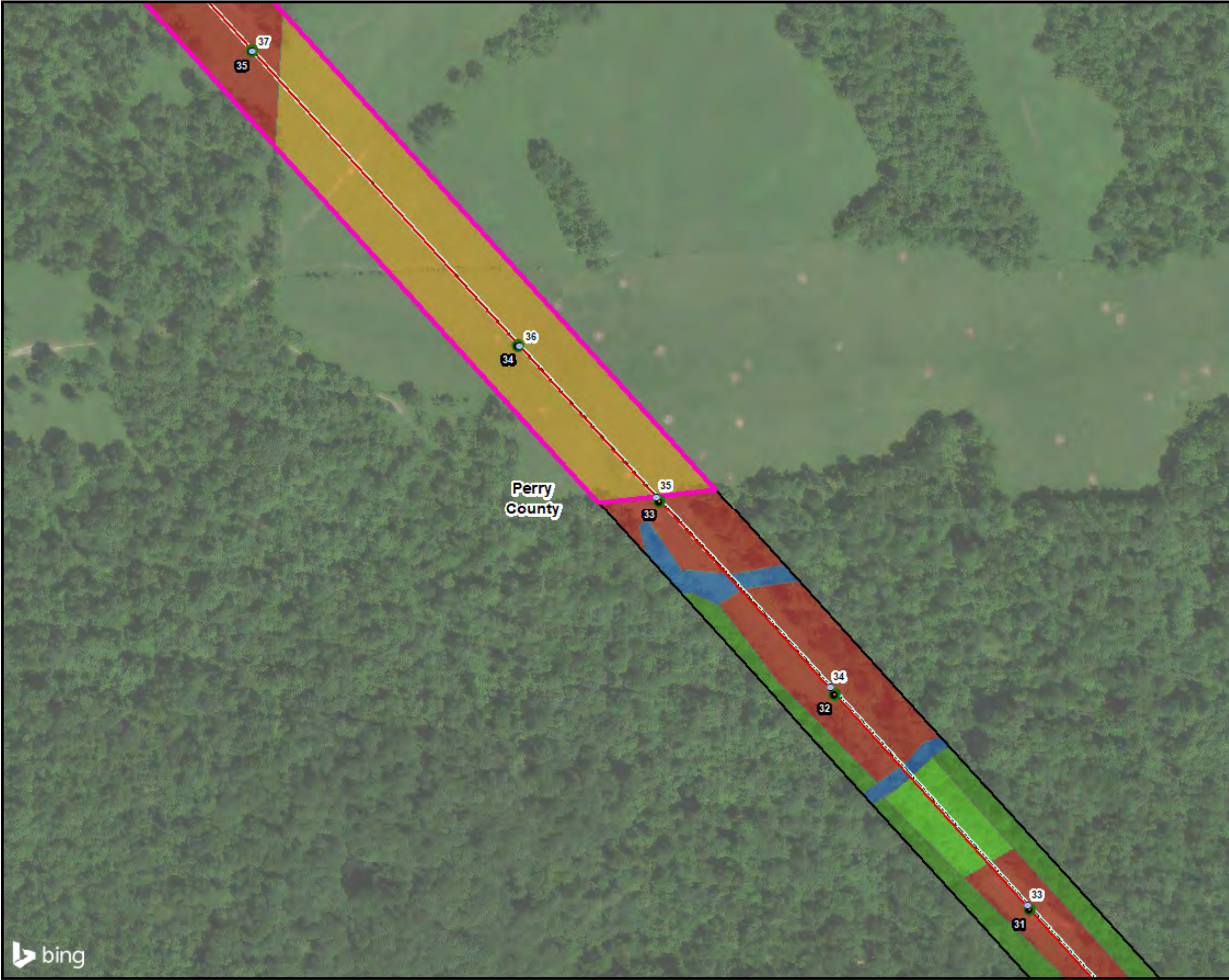*Crooksville-North Newark 138kV Transmission Line Rebuild Project*

FIGURE 5F
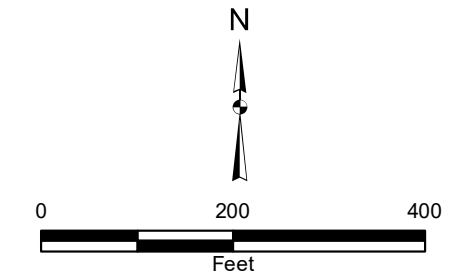VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Perry County

L:\DCS\GISArcMap_GeoDB_Project\siENV\60616110_AEP_Crooksiab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

---- Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

☐ Project Survey Corridor

☐ County

Vegetative Communities

■ Successional Woodland

■ Landscaped Area
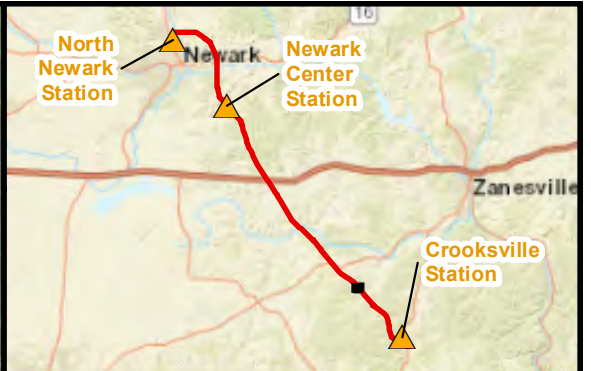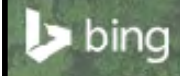
■ Old Field

■ Shrub/Scrub

■ Stream/Wetland

■ Urban

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

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5G
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

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LEGEND:

⊗ Existing Structure

◉ Proposed Structure

┈┈ Existing Transmission Line

── Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

■ Successional Woodland

■ Hay Field/Pasture

■ Landscaped Area

■ Old Field

■ Shrub/Scrub

■ Stream/Wetland

■ Urban

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 5H
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Perry County

Township Highway 167

Township Highway 165

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

- - - Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▢ Project Survey Corridor

▢ County

Vegetative Communities

�(red) Old Field

�(green) Shrub/Scrub

▮ (blue) Stream/Wetland

Perry County

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 5I
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

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LEGEND:

⊗ Existing Structure

◉ Proposed Structure

--- Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

☐ Project Survey Corridor

☐ County

Vegetative Communities
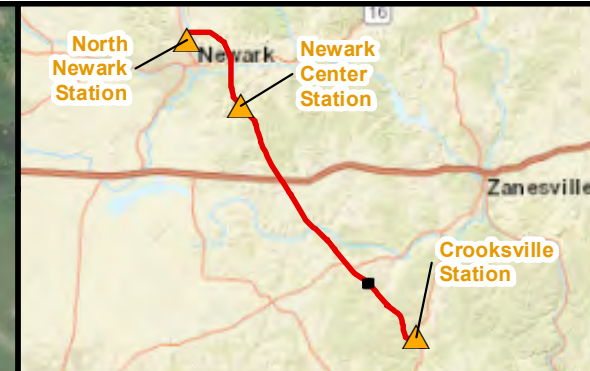
■ Hay Field/Pasture

■ Old Field

■ Stream/Wetland

Perry County

North Newark Station

Newark

Newark Center Station

Zanesville

Crooksville Station

N

0   200   400
Feet

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

Crooksville-North Newark 138kV Transmission Line Rebuild Project

AEP OHIO TRANSMISSION COMPANY

FIGURE 5J
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

bing

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LEGEND:

⊗ Existing Structure

◉ Proposed Structure

Existing Transmission Line

Crooksville-North Newark 138 kV Transmission Line

Project Survey Corridor

County

Vegetative Communities

Successional Woodland

Old Field

Stream/Wetland

Urban
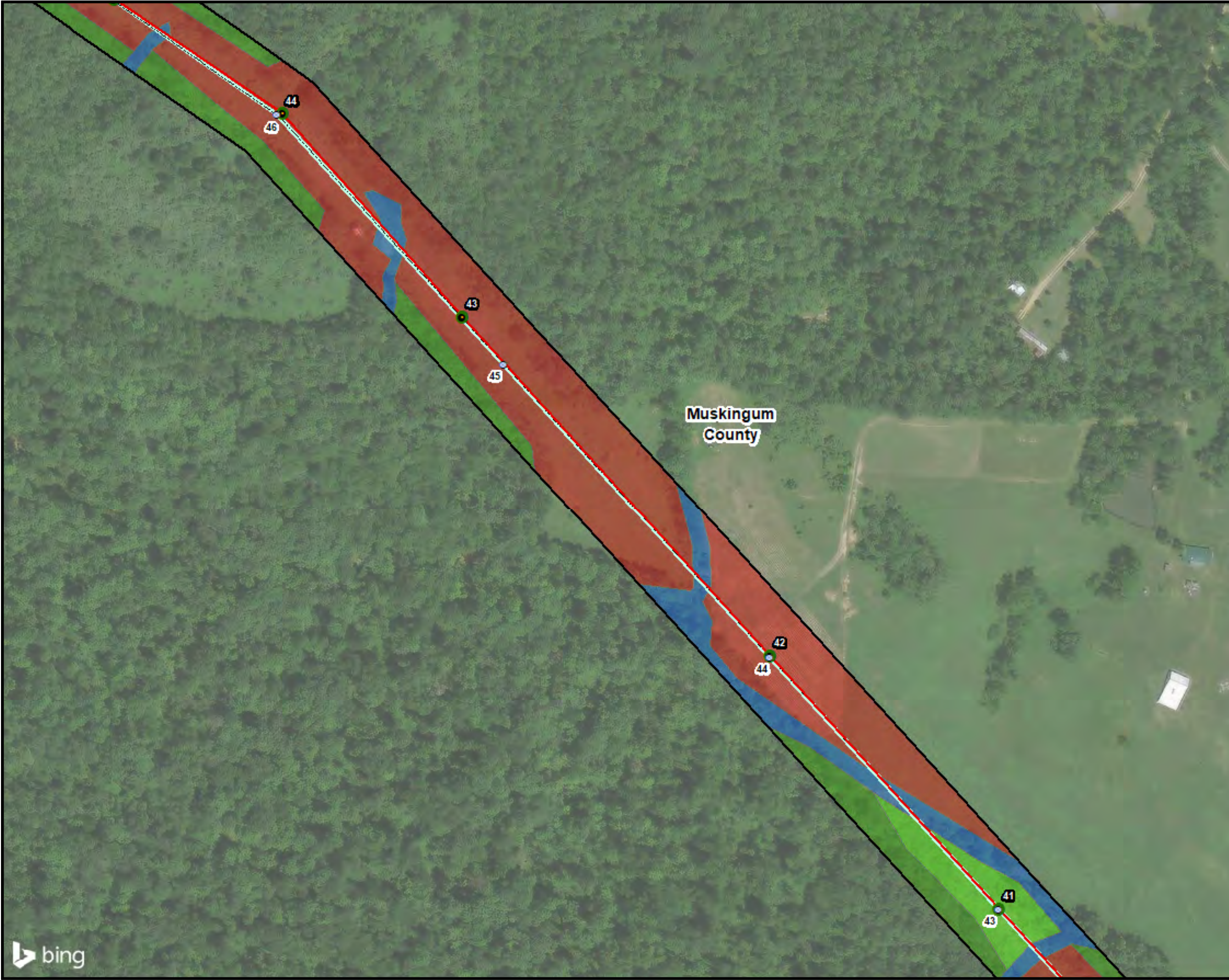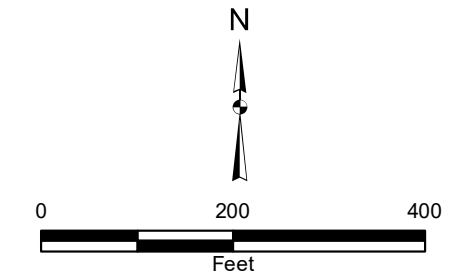
Perry County

Old Rainer Rd

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 5K
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

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LEGEND:

⊗ Existing Structure

◉ Proposed Structure

‒ ‒ ‒ Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

🟩 Successional Woodland

🟪 Landscaped Area

🟥 Old Field

🟦 Stream/Wetland

⬜ Urban

Perry County

Buckeye Fork

State Route 345

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
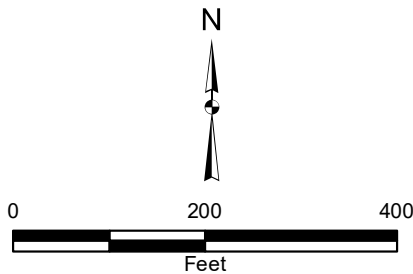
FIGURE 5L
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

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bing

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

‑·‑·‑ Existing Transmission Line

── Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities
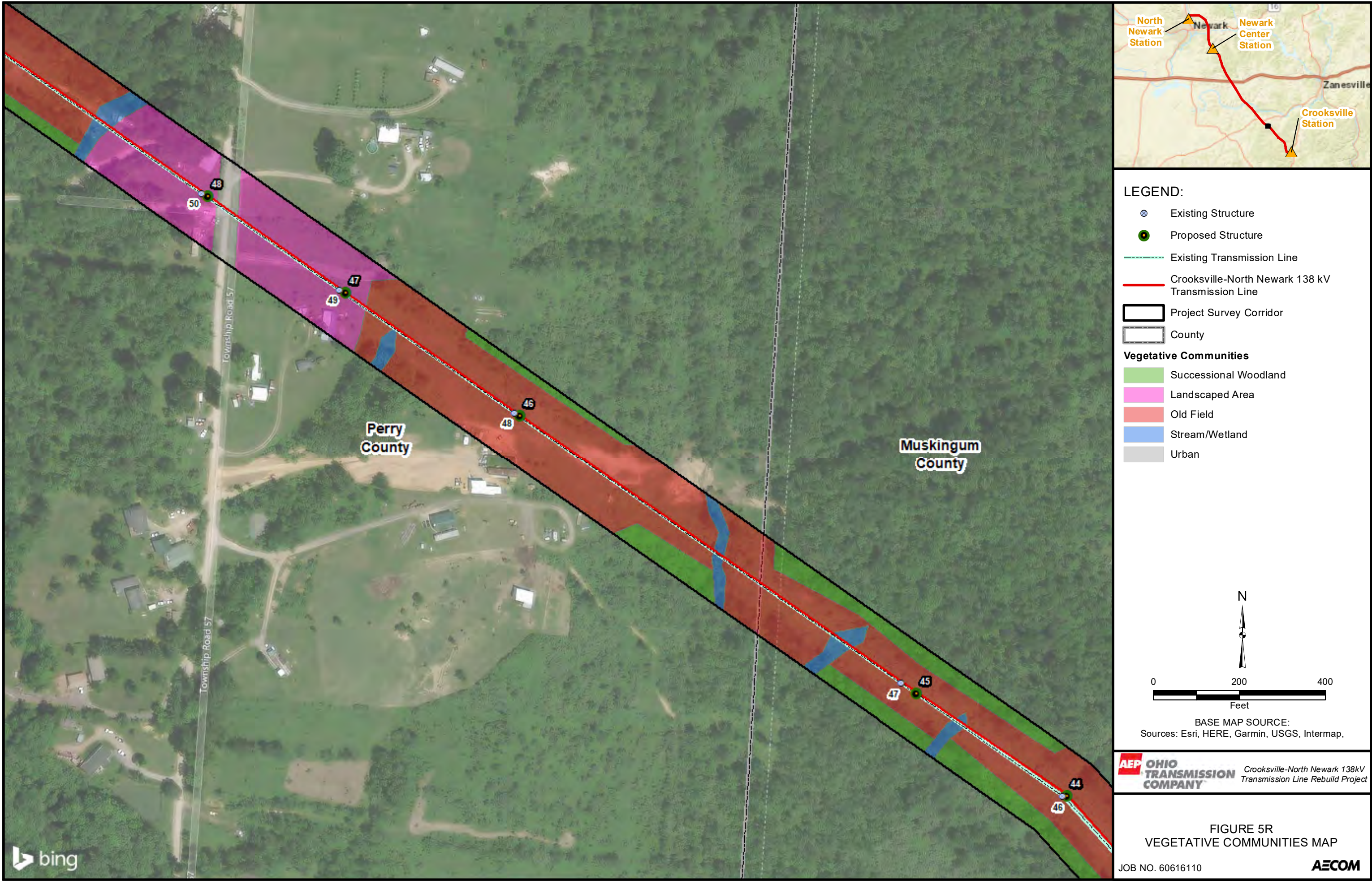
🟩 Successional Woodland

🟥 Old Field

🟦 Stream/Wetland

Perry County

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 5M
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

- - - Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▭ Potential Northern Harrier Habitat

▭ Project Survey Corridor

▭ County

Vegetative Communities

■ Successional Woodland

■ Hay Field/Pasture

■ Old Field

■ Shrub/Scrub

■ Stream/Wetland

Perry County

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 5N
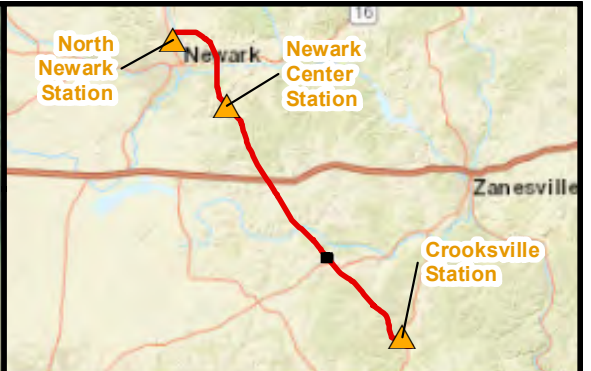VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

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FIGURE 5O
VEGETATIVE COMMUNITIES MAP

LEGEND:

- ⊗ Existing Structure
- ⦿ Proposed Structure
- Existing Transmission Line
- Crooksville-North Newark 138 kV Transmission Line
- Potential Northern Harrier Habitat
- Project Survey Corridor
- County

Vegetative Communities

- Agricultural Land
- Successional Woodland
- Hay Field/Pasture
- Landscaped Area
- Old Field
- Shrub/Scrub
- Stream/Wetland
- Urban

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

AEP OHIO TRANSMISSION COMPANY

Crooksville-North Newark 138kV Transmission Line Rebuild Project

JOB NO. 60616110

AECOM

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

- - - Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

☐ Project Survey Corridor

☐ County

Vegetative Communities

Agricultural Land

Successional Woodland

Old Field

Shrub/Scrub

Stream/Wetland

Muskingum County

Perry County

N

0   200   400
Feet

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

AEP OHIO TRANSMISSION COMPANY

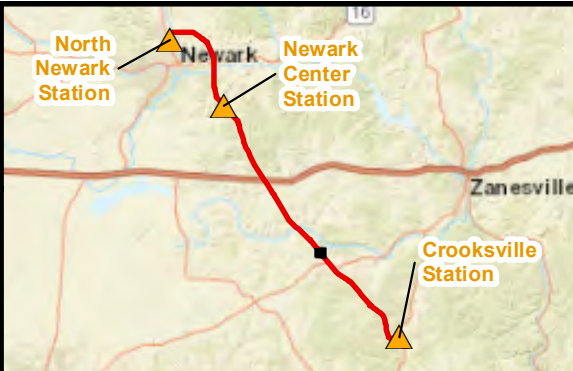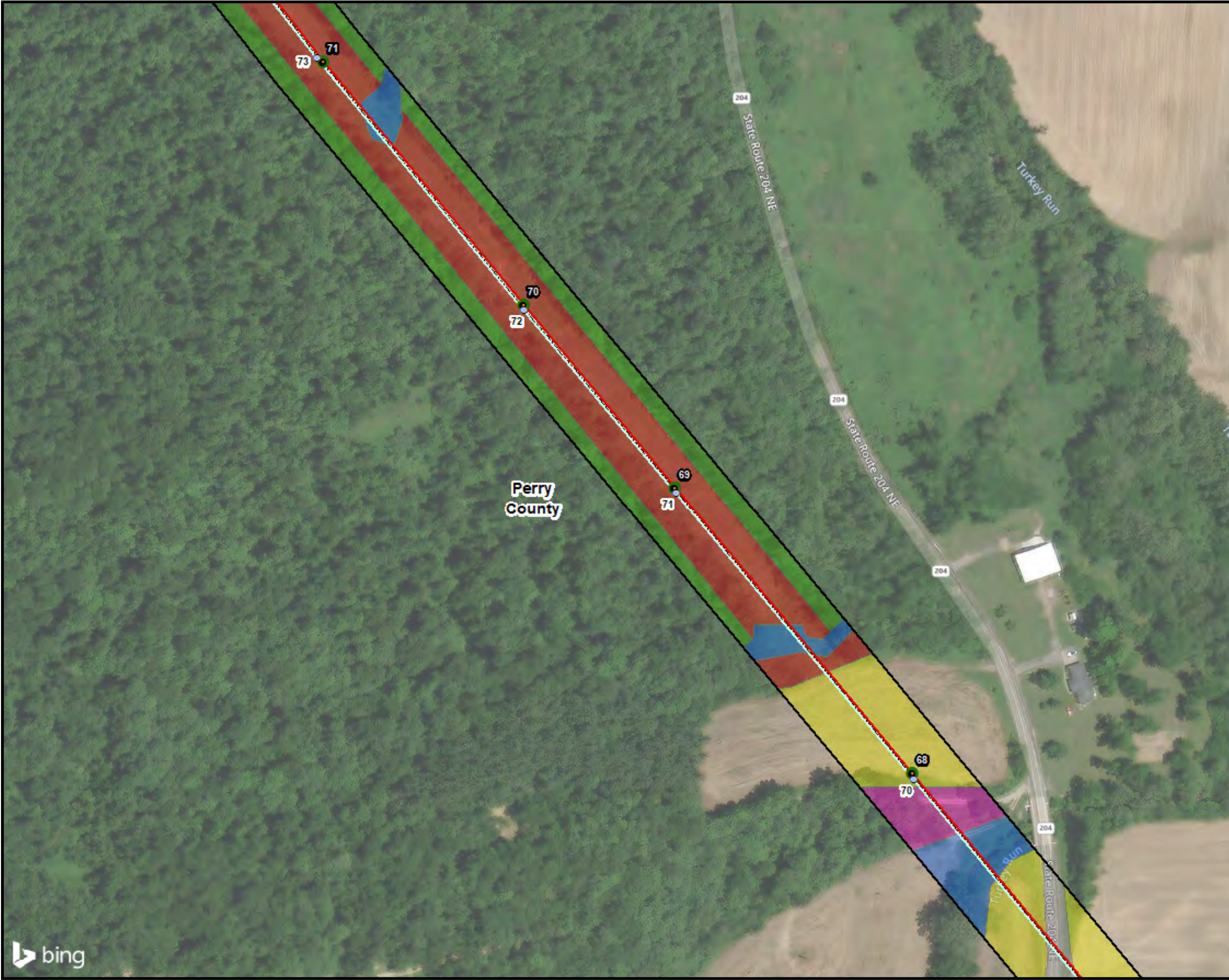*Crooksville-North Newark 138kV Transmission Line Rebuild Project*

FIGURE 5P
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

North Newark Station   Newark   Newark Center Station   Zanesville   Crooksville Station

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LEGEND:

⊗ Existing Structure

◉ Proposed Structure

— · — · — Existing Transmission Line

——— Crooksville-North Newark 138 kV Transmission Line

☐ Project Survey Corridor

☐ County

Vegetative Communities

🟩 Successional Woodland

🟥 Old Field

🟩 Shrub/Scrub

🟦 Stream/Wetland

Muskingum County

North Newark Station
Newark
Newark Center Station
Zanesville
Crooksville Station
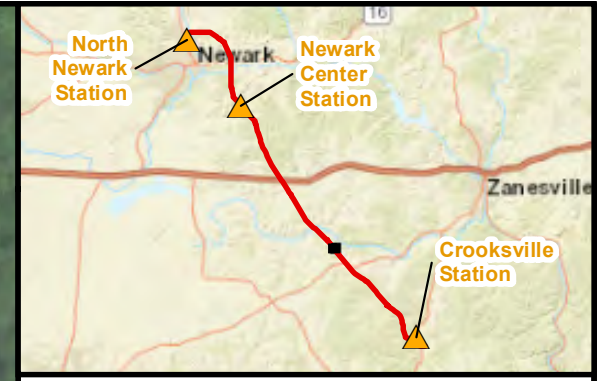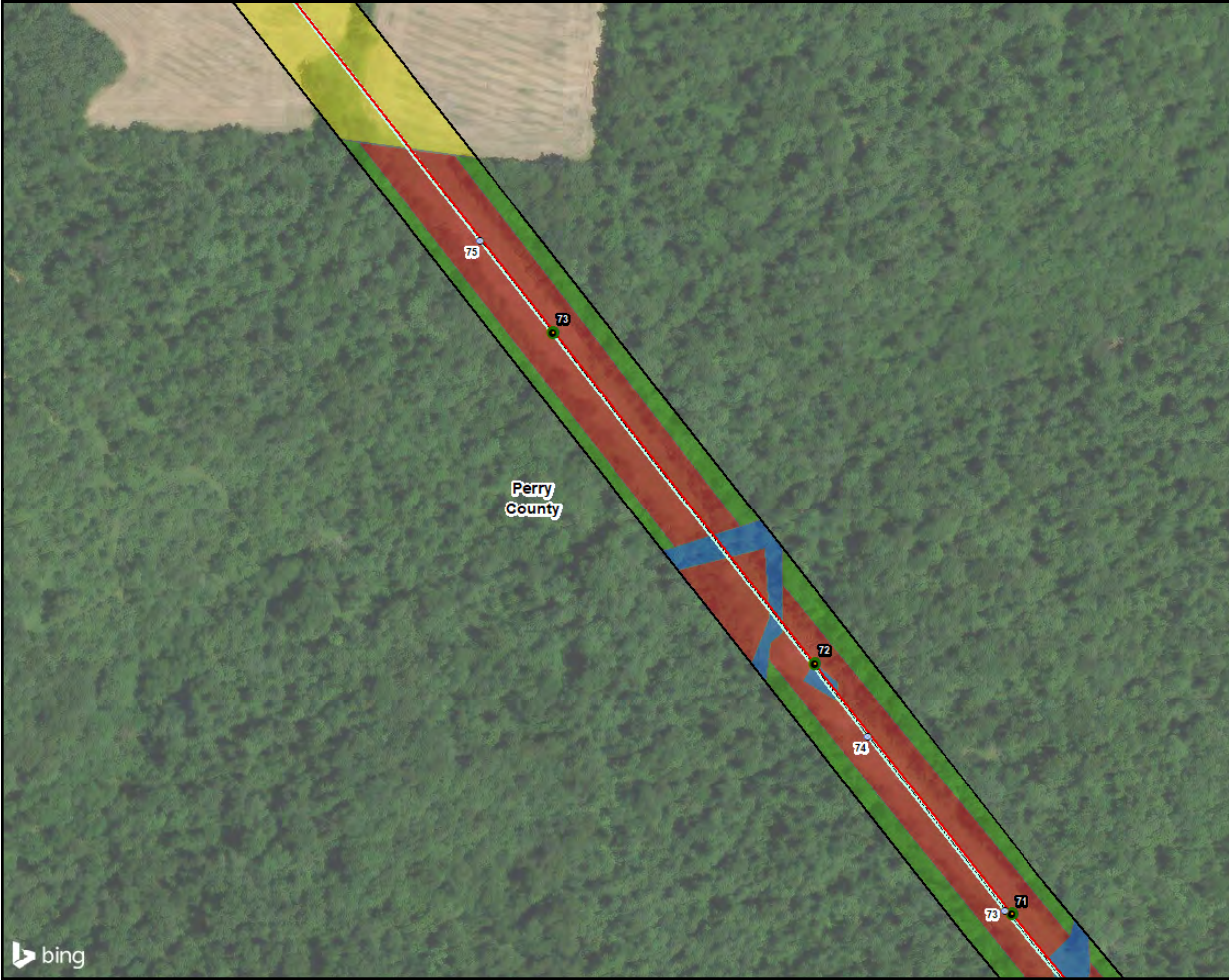
N

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 5Q
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crookslab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

‐ ‐ ‐ Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

☐ Project Survey Corridor

☐ County

Vegetative Communities

🟩 Successional Woodland

🟪 Landscaped Area

🟥 Old Field
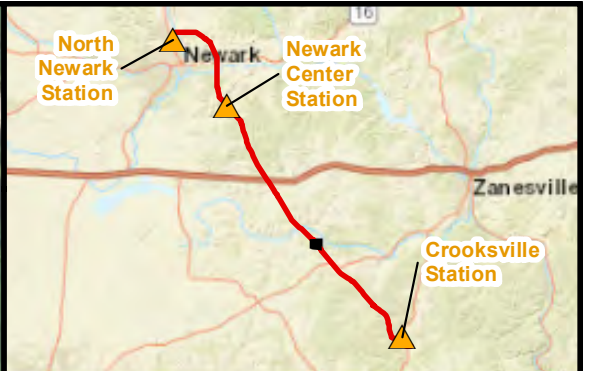
🟦 Stream/Wetland

⬜ Urban

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 5R
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Perry County

Muskingum County

LEGEND:

⊗ Existing Structure

⊙ Proposed Structure

⎓ Existing Transmission Line

━━ Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

🟩 Successional Woodland

🟧 Hay Field/Pasture

🟪 Landscaped Area

🟥 Old Field

🟦 Stream/Wetland
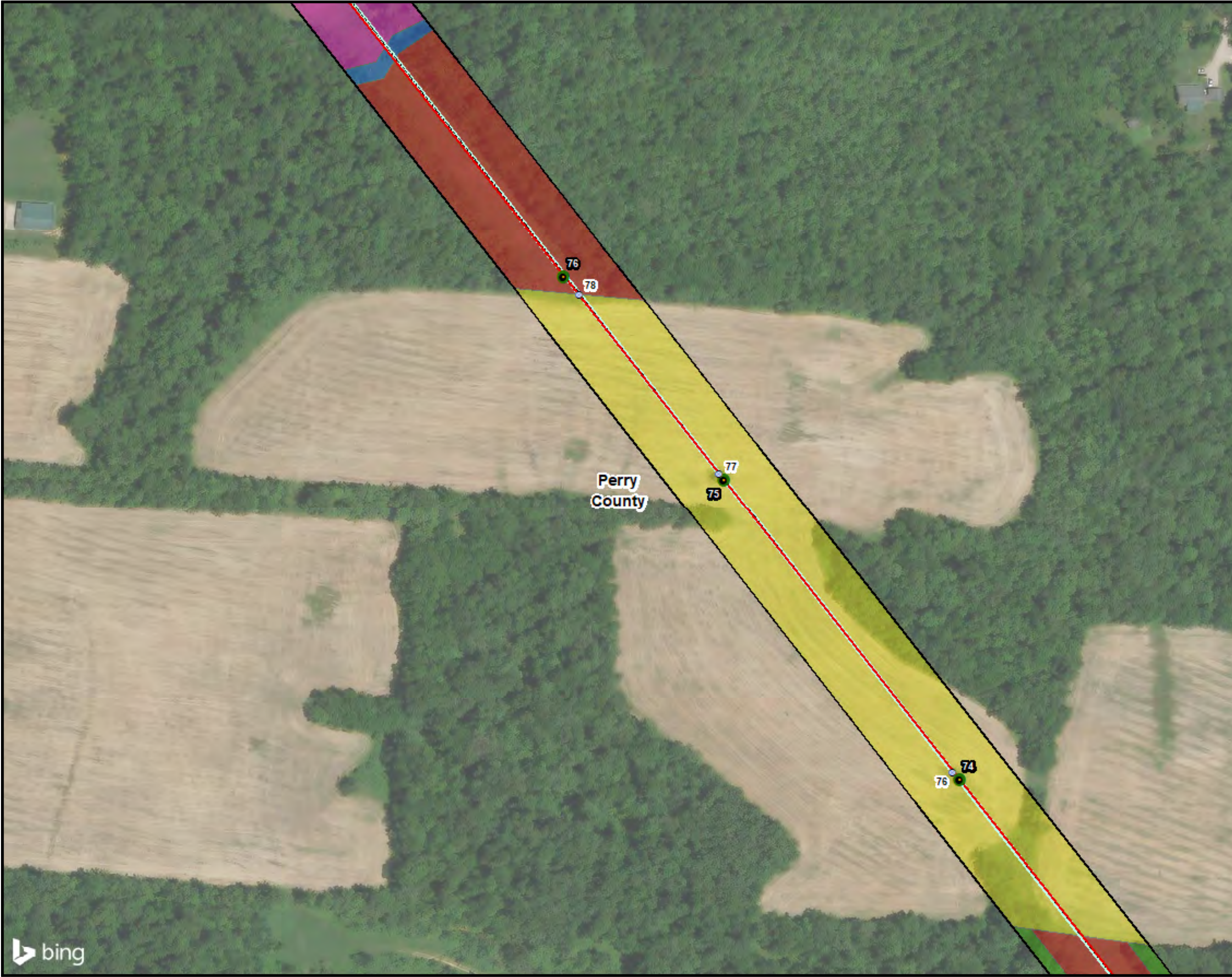
Perry County

N

0   200   400
Feet

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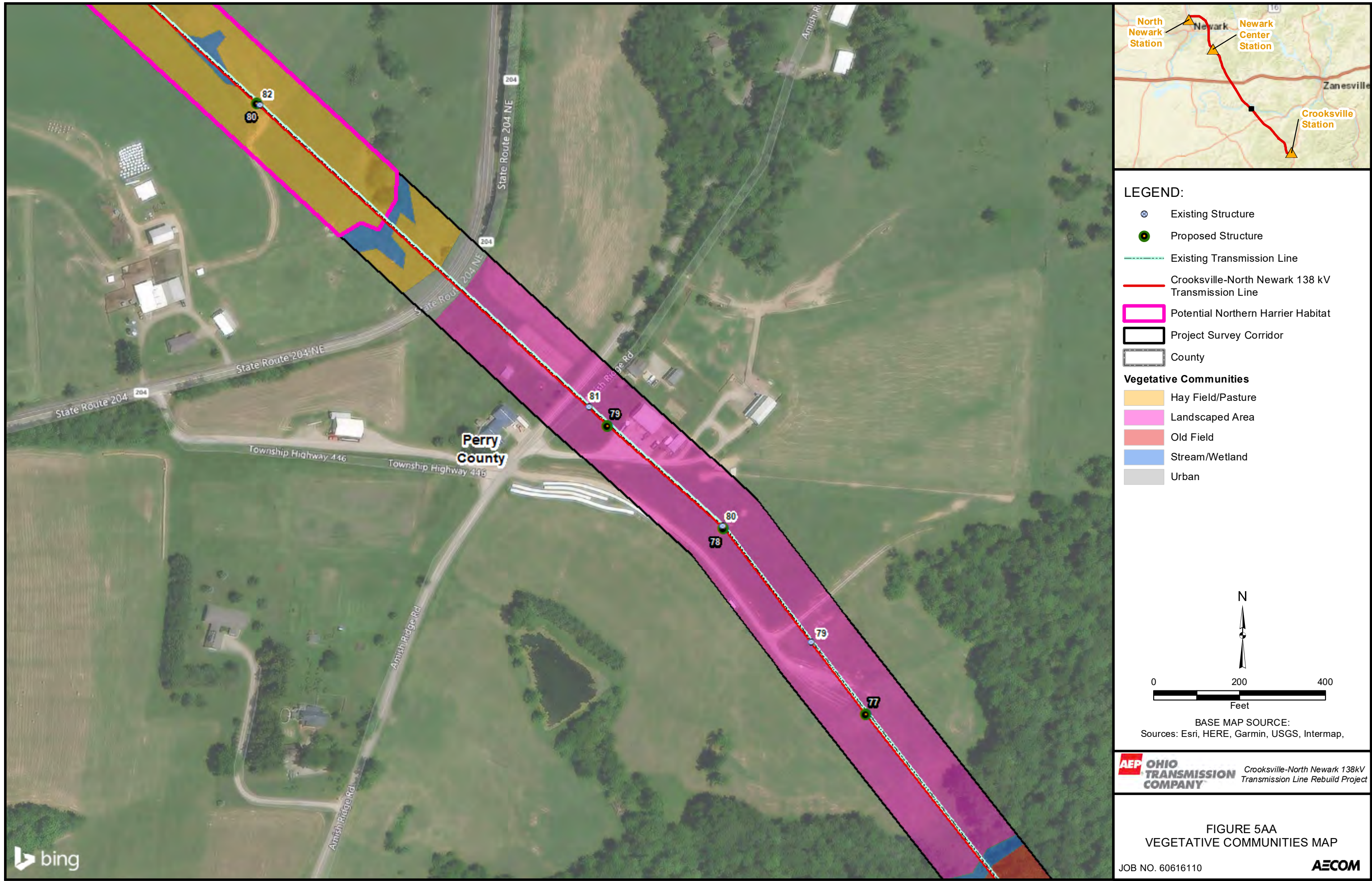Sources: Esri, HERE, Garmin, USGS, Intermap,

AEP OHIO TRANSMISSION COMPANY

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5S
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

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bing

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

- - - Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

☐ Project Survey Corridor

☐ County

Vegetative Communities

- Successional Woodland
- Hay Field/Pasture
- Landscaped Area
- Old Field
- Shrub/Scrub
- Stream/Wetland
- Urban

Perry County

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
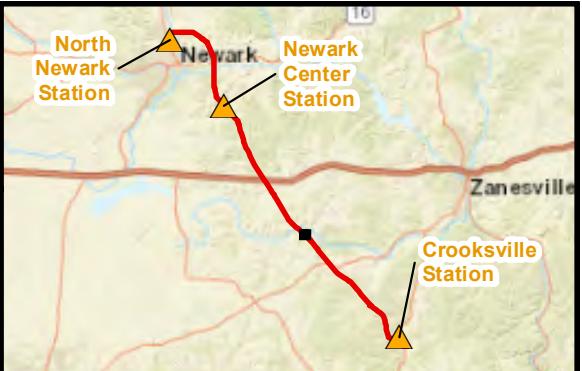
FIGURE 5T
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

North Newark Station

Newark Center Station

Newark

Zanesville

Crooksville Station

bing

LEGEND:

⊗ Existing Structure

⦿ Proposed Structure

– – – Existing Transmission Line

——— Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

🟨 Agricultural Land

🟩 Successional Woodland

🟪 Landscaped Area

🟥 Old Field

🟦 Stream/Wetland

⬜ Urban

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

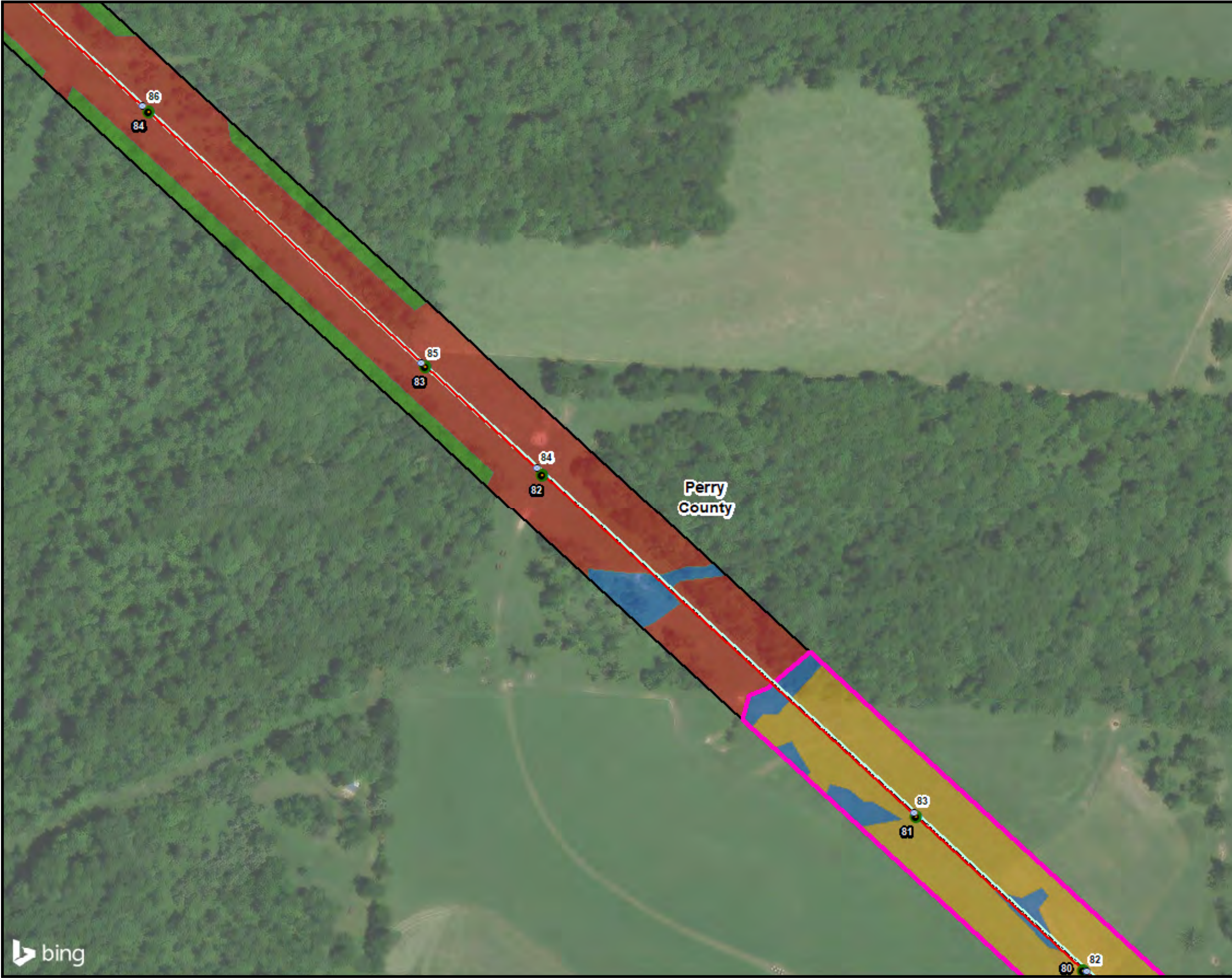FIGURE 5U
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Perry County

US Highway 22

Wesley Chapel Rd

North Newark Station   Newark   Newark Center Station   Zanesville   Crooksville Station

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LEGEND:

- ⊗ Existing Structure
- ● Proposed Structure
- ─ ─ Existing Transmission Line
- ─── Crooksville-North Newark 138 kV Transmission Line
- ▭ Project Survey Corridor
- ▭ County

Vegetative Communities

- 🟨 Agricultural Land
- 🟩 Successional Woodland
- 🟪 Landscaped Area
- 🟥 Old Field
- 🟦 Stream/Wetland
- ⬜ Urban

Perry County

US Highway 22

N

0   200   400
Feet

BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,
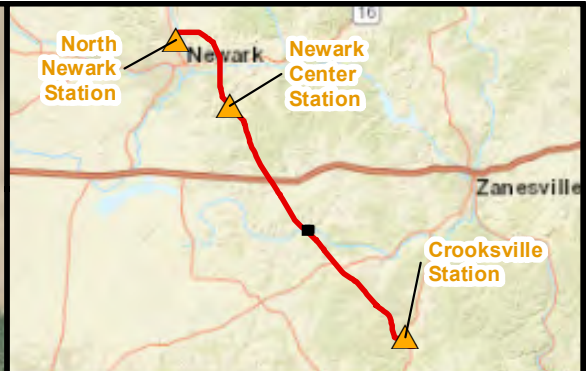
AEP OHIO TRANSMISSION COMPANY
Crooksville-North Newark 138kV Transmission Line Rebuild Project
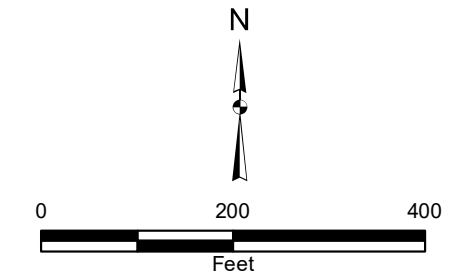
FIGURE 5V
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

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LEGEND:
- ⊗ Existing Structure
- ◉ Proposed Structure
- ‑‑‑ Existing Transmission Line
- —— Crooksville-North Newark 138 kV Transmission Line
- ☐ Project Survey Corridor
- ☐ County

Vegetative Communities
- 🟨 Agricultural Land
- 🟦 Stream/Wetland
- ⬜ Urban

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

AEP OHIO TRANSMISSION COMPANY

Crooksville-North Newark 138kV Transmission Line Rebuild Project
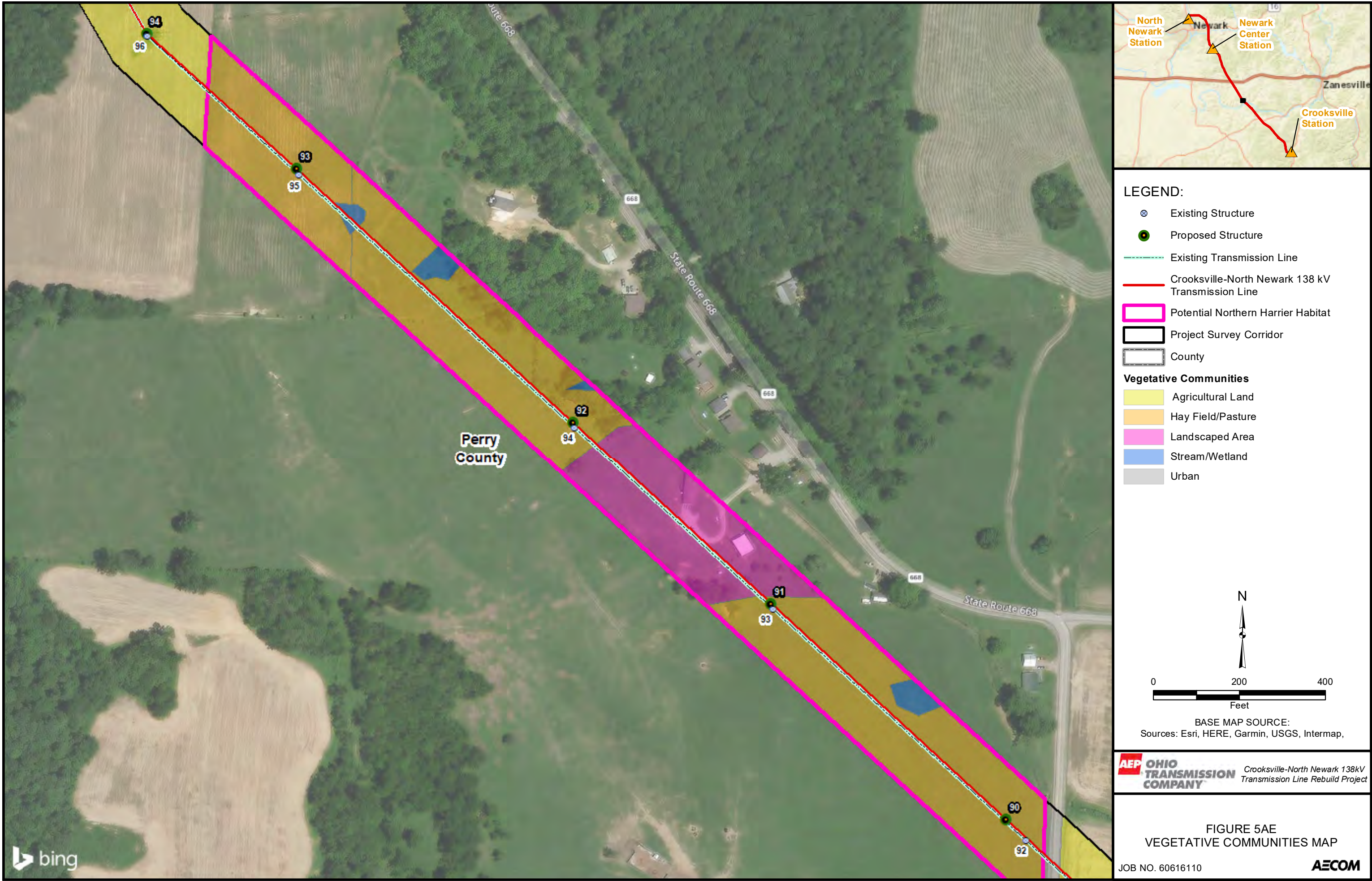
FIGURE 5W
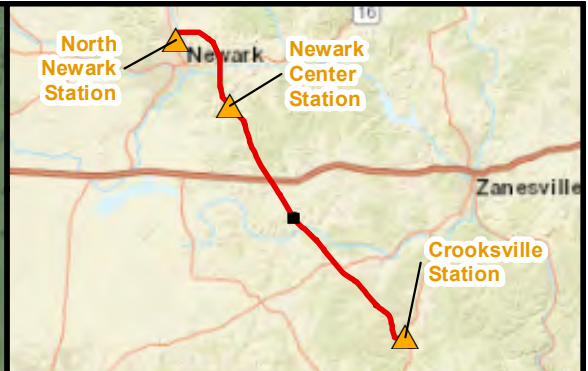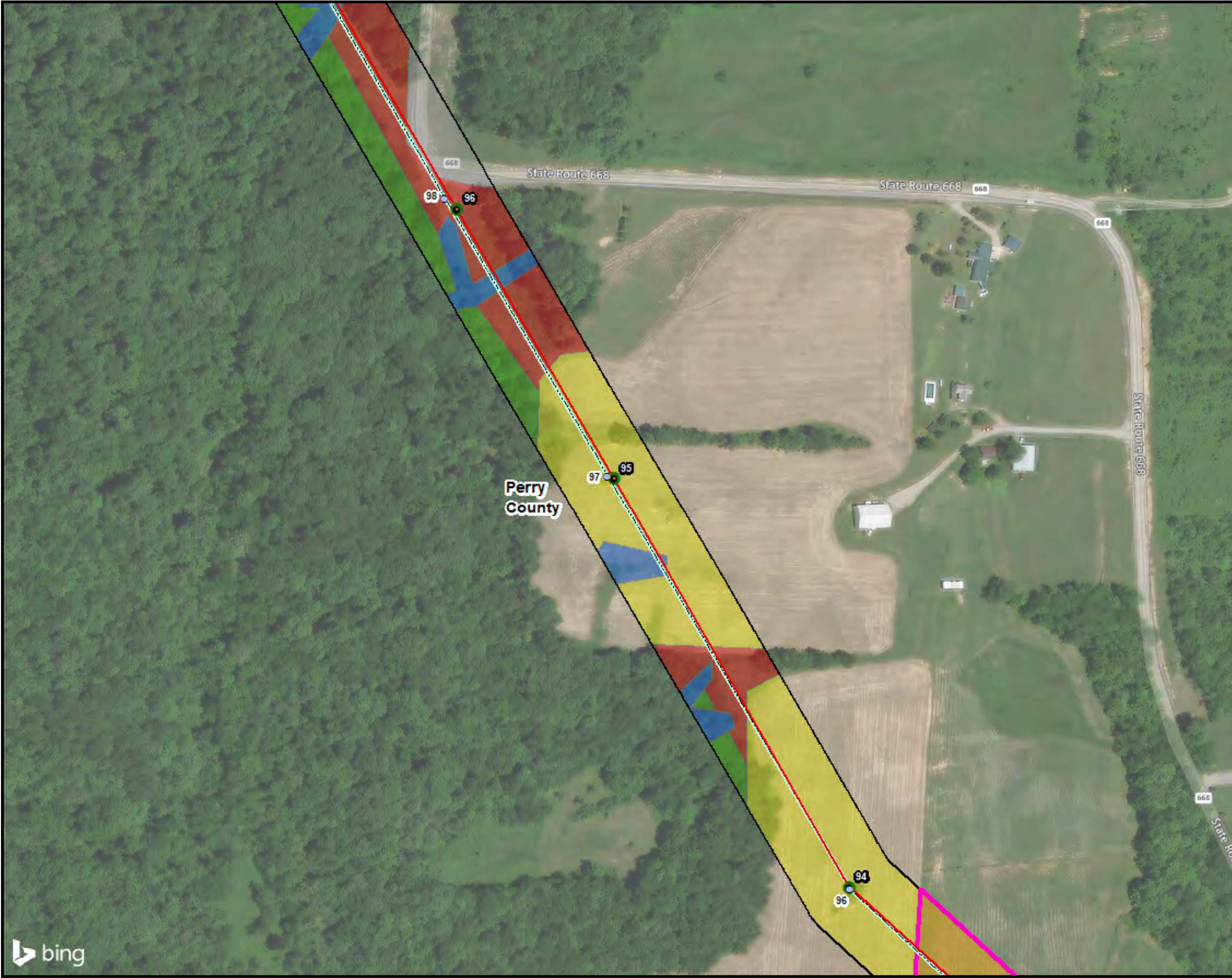VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

– – – Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

Agricultural Land

Successional Woodland

Landscaped Area

Old Field

Stream/Wetland

Urban

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

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5X
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AEP OHIO TRANSMISSION COMPANY

AECOM

Perry County

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crookslsb\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

--- Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

☐ Project Survey Corridor

☐ County

Vegetative Communities

■ Agricultural Land

■ Successional Woodland

■ Old Field

■ Stream/Wetland

Perry County

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 5Y
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

L:\DCS\GISArcMap_GeoDB_Projects\ENV\60616110_AEP_Crooksbab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

bing

LEGEND:
- ⊗ Existing Structure
- ◉ Proposed Structure
- — — Existing Transmission Line
- —— Crooksville-North Newark 138 kV Transmission Line
- ▭ Project Survey Corridor
- ▭ County

Vegetative Communities
- Agricultural Land
- Successional Woodland
- Landscaped Area
- Old Field
- Stream/Wetland

Perry County

North Newark Station
Newark
Newark Center Station
Zanesville
Crooksville Station

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 5Z
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

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bing

LEGEND:

- ⊗ Existing Structure
- ◉ Proposed Structure
- ‑‑‑‑ Existing Transmission Line
- —— Crooksville-North Newark 138 kV Transmission Line
- ▢ Potential Northern Harrier Habitat
- ▢ Project Survey Corridor
- ▢ County

Vegetative Communities

- Hay Field/Pasture
- Landscaped Area
- Old Field
- Stream/Wetland
- Urban

N

0   200   400
Feet

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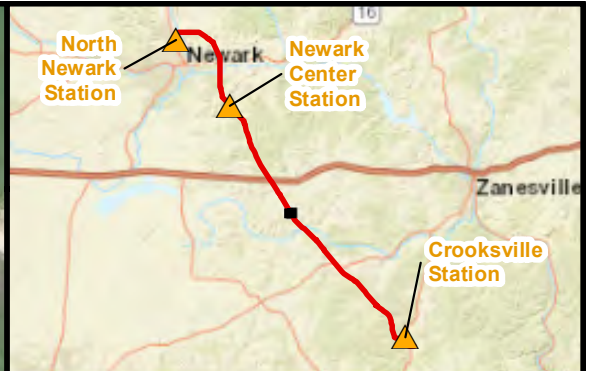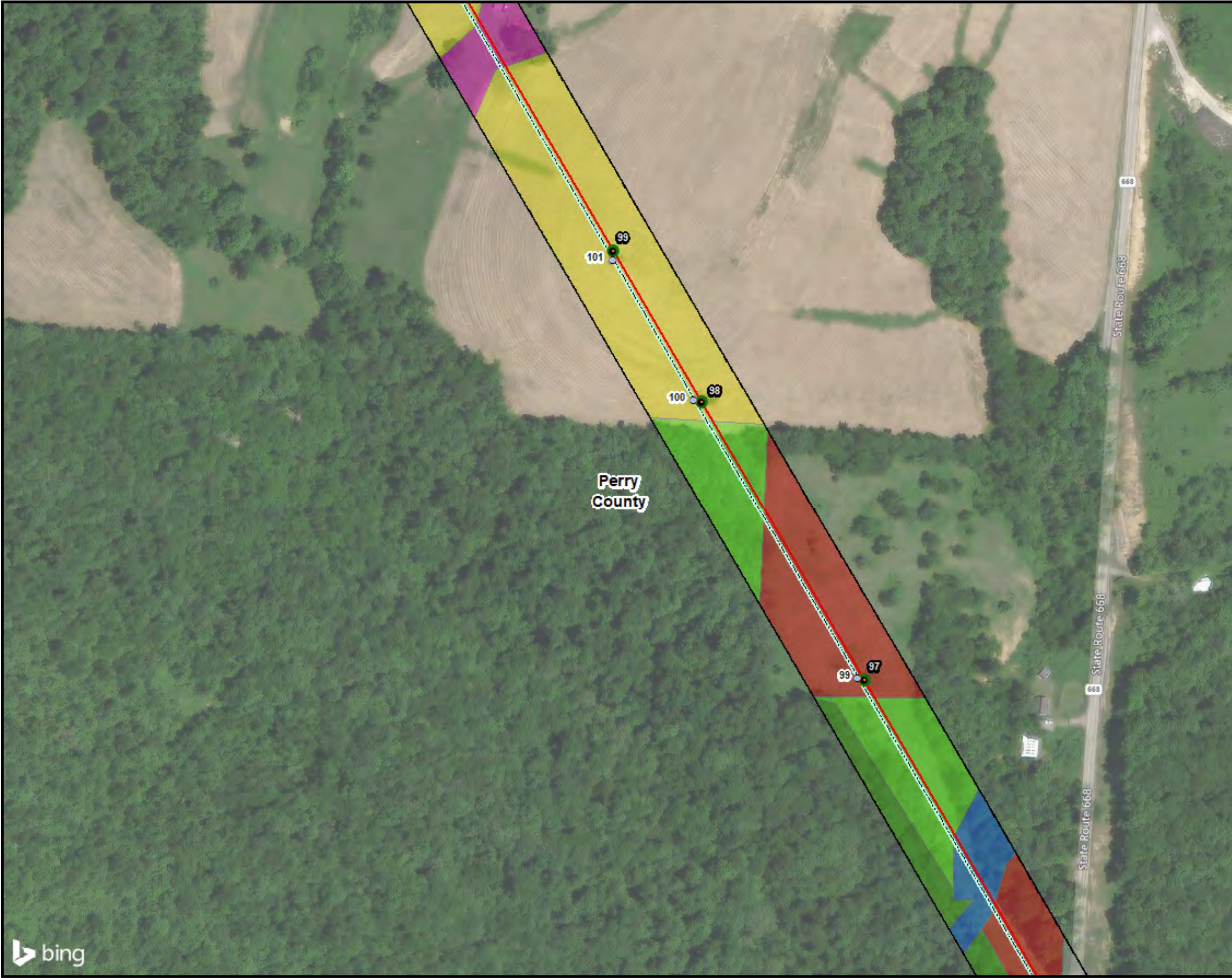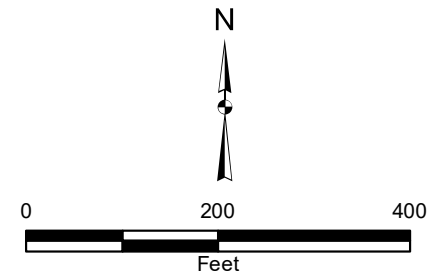Sources: Esri, HERE, Garmin, USGS, Intermap,

AEP OHIO TRANSMISSION COMPANY

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5AA
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

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LEGEND:

⊗ Existing Structure

⦿ Proposed Structure

--- Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

▭ Potential Northern Harrier Habitat

▭ Project Survey Corridor

▭ County

Vegetative Communities

🟩 Successional Woodland

🟧 Hay Field/Pasture

🟥 Old Field

🟦 Stream/Wetland

Perry County

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 5AB
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

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LEGEND:

⊗ Existing Structure

◉ Proposed Structure

— — Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▢ Project Survey Corridor

▢ County

Vegetative Communities

🟩 Successional Woodland

🟥 Old Field

🟦 Stream/Wetland

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 5AC
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

— — Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▭ Potential Northern Harrier Habitat

▭ Project Survey Corridor

▭ County

Vegetative Communities

▮ Agricultural Land

▮ Successional Woodland

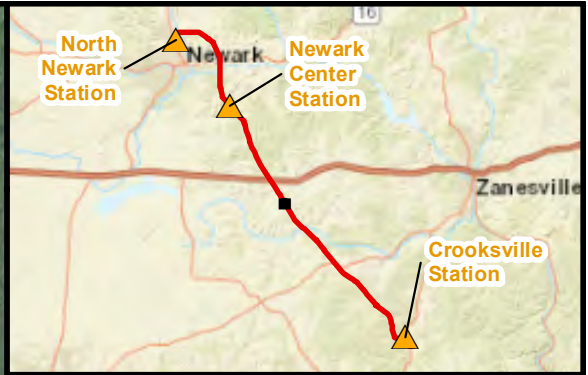▮ Hay Field/Pasture

▮ Old Field

▮ Stream/Wetland

▮ Urban

Perry County

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 5AD
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crooks|sab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

–·–·– Existing Transmission Line

━━━ Crooksville-North Newark 138 kV Transmission Line

▭ Potential Northern Harrier Habitat

▭ Project Survey Corridor

▭ County

Vegetative Communities

Agricultural Land

Hay Field/Pasture

Landscaped Area

Stream/Wetland

Urban

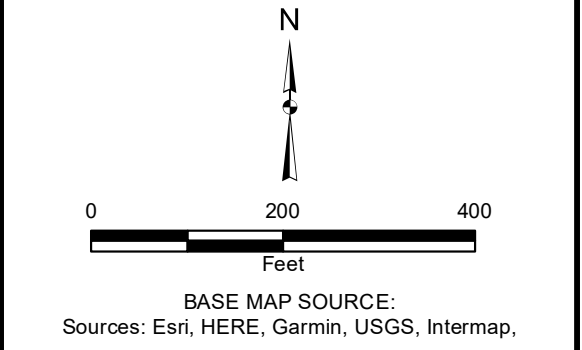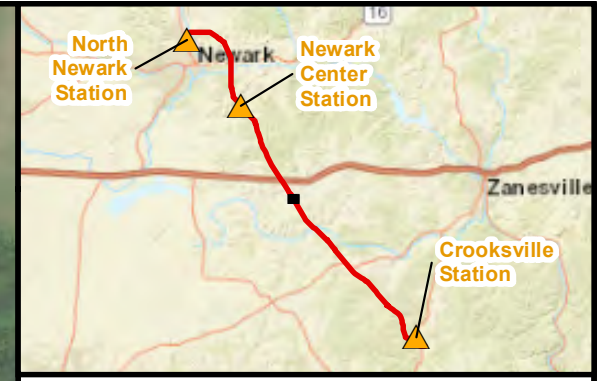BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,

AEP OHIO TRANSMISSION COMPANY

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5AE
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

Perry County
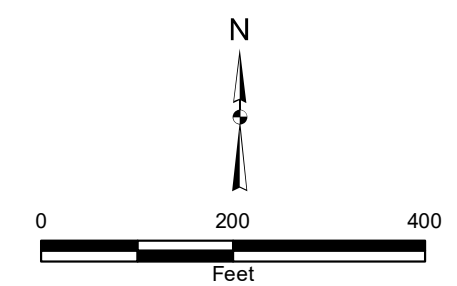
LEGEND:

⊗ Existing Structure

◉ Proposed Structure

– · – · Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▭ Potential Northern Harrier Habitat

▭ Project Survey Corridor

▭ County

Vegetative Communities

▮ Agricultural Land

▮ Successional Woodland
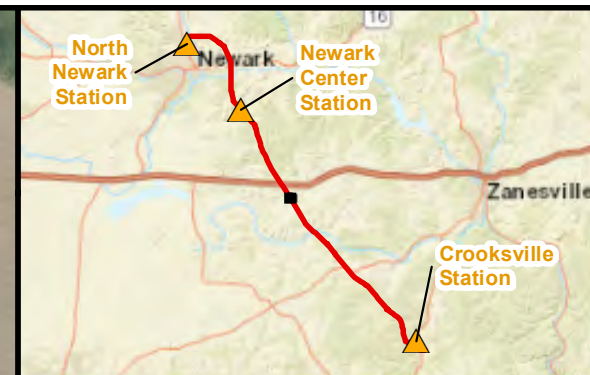
▮ Hay Field/Pasture

▮ Old Field

▮ Stream/Wetland

▮ Urban

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 5AF
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Perry County

State Route 668

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LEGEND:

⊗ Existing Structure

◉ Proposed Structure

----- Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▢ Project Survey Corridor

▢ County

Vegetative Communities

▮ Agricultural Land

▮ Successional Woodland

▮ Landscaped Area

▮ Old Field

▮ Shrub/Scrub

▮ Stream/Wetland

▮ Urban

Perry County

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

AEP OHIO TRANSMISSION COMPANY

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5AG
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

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LEGEND:

⊗ Existing Structure

◉ Proposed Structure

═ ═ Existing Transmission Line

━━ Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

Agricultural Land

Successional Woodland

Hay Field/Pasture

Landscaped Area

Old Field

Stream/Wetland

Urban

Perry County

Hopewell Indian Rd

Undefined (#269 in line)

Undefined (#270 in line)

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 5AH
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

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Licking County

Perry County

107
104
106
103
105

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

— · — Existing Transmission Line

——— Crooksville-North Newark 138 kV
Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

🟩 Successional Woodland

🟥 Old Field
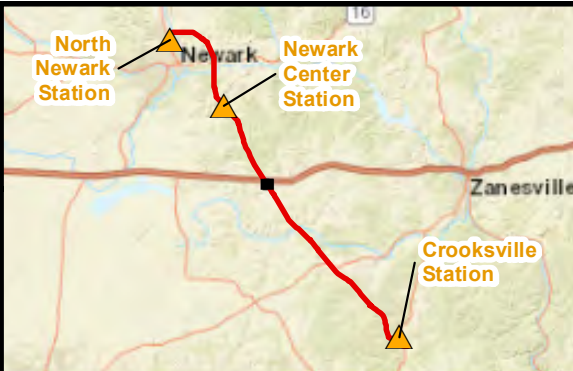
🟩 Shrub/Scrub

🟦 Stream/Wetland

North Newark Station
Newark
Newark Center Station
Zanesville
Crooksville Station

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 5AI
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

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b bing

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

– – – Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

☐ Project Survey Corridor

☐ County

Vegetative Communities

Agricultural Land

Successional Woodland

Hay Field/Pasture

Old Field

Stream/Wetland

Licking County

0   200   400
Feet

N

BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,
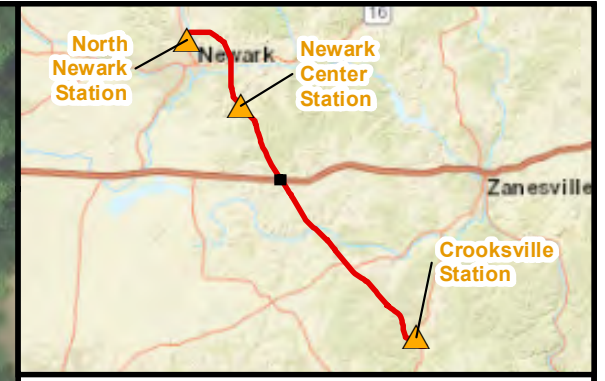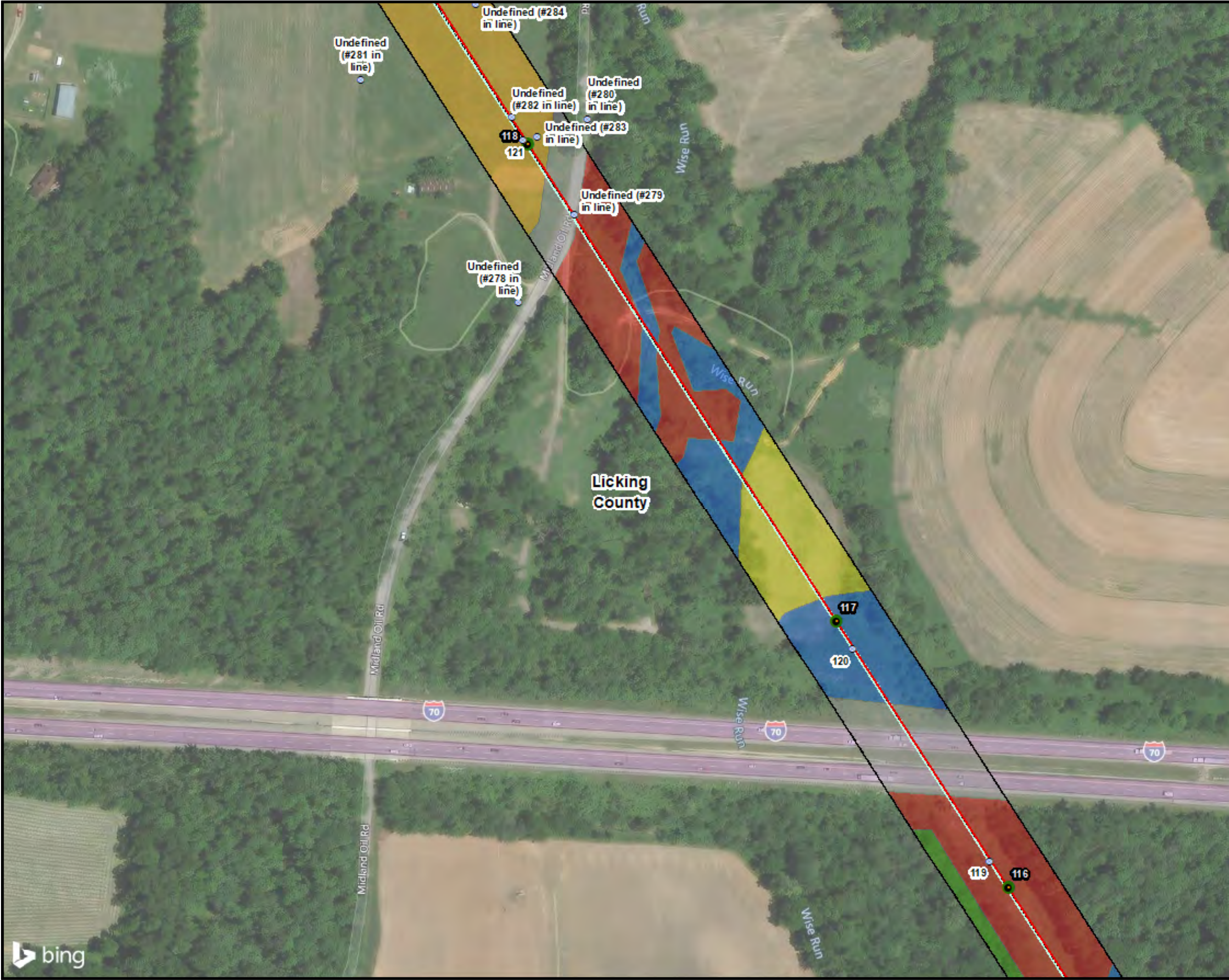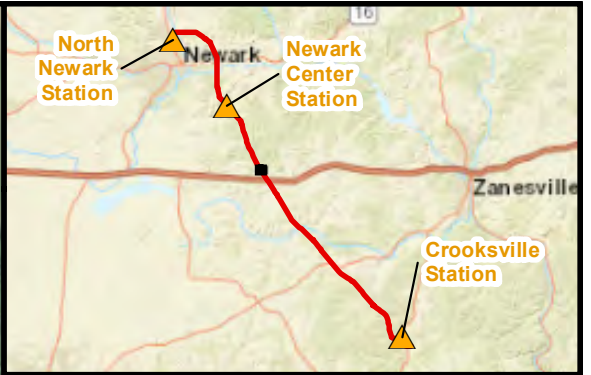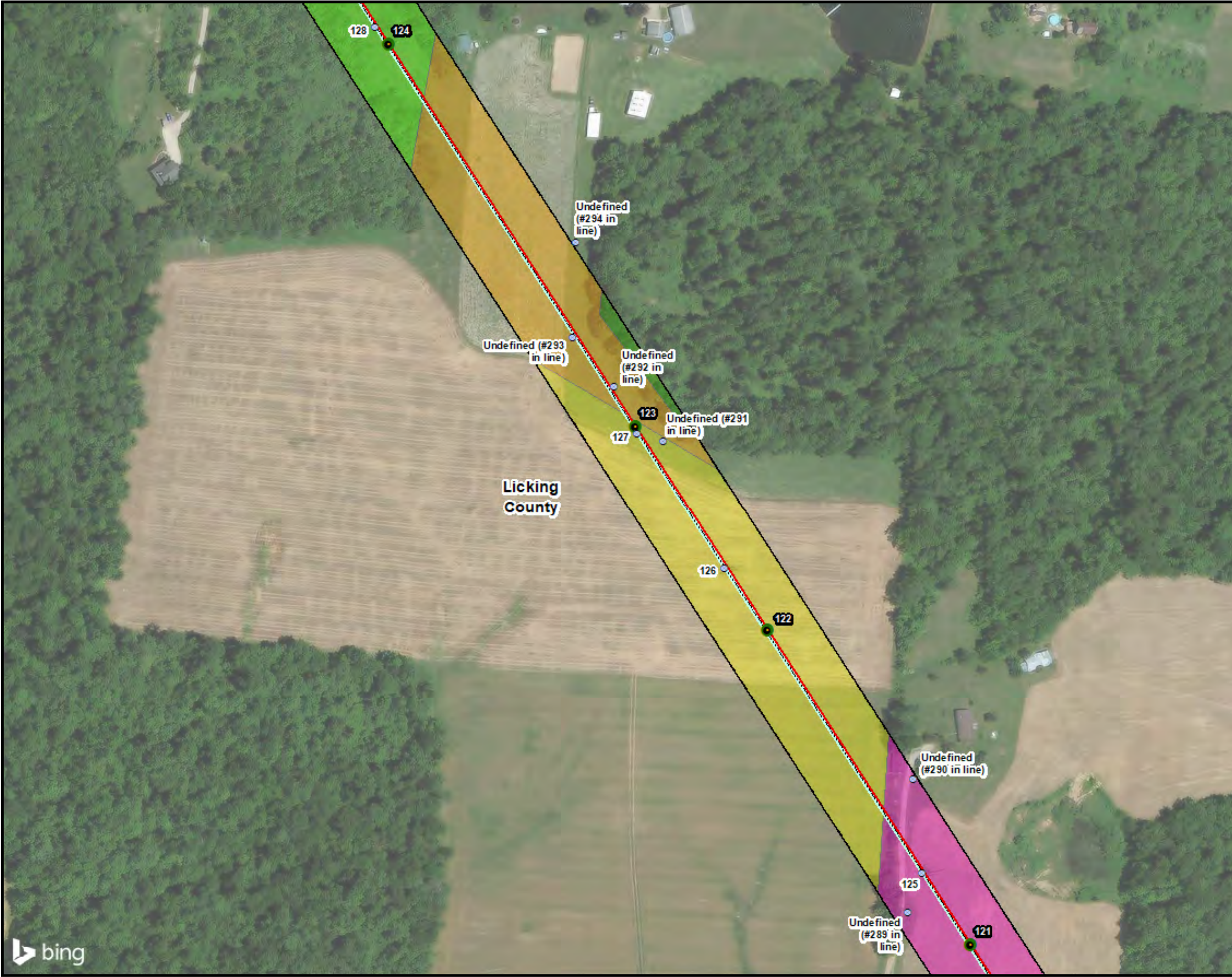
AEP OHIO TRANSMISSION COMPANY

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5AJ
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

L:\DCS\GIS\ArcMap_GeoDB_Project\s\ENV\60616110_AEP_Crookslab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

– – – Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▢ Project Survey Corridor

▢ County

Vegetative Communities

▮ Agricultural Land

▮ Hay Field/Pasture

▮ Old Field

▮ Shrub/Scrub

▮ Stream/Wetland

▮ Urban

N

0   200   400
Feet

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

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5AK
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

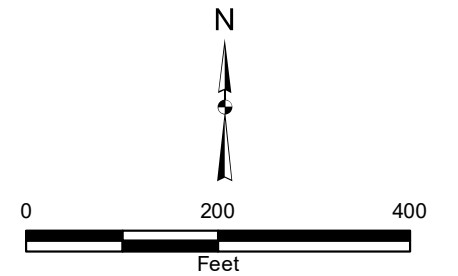Licking County

112

109

Undefined
(#272 in line)

Undefined
(#271 in line)

111

108

110

107

North Newark Station

Newark Center Station

Newark

Zanesville

Crooksville Station

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

- - - Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

▢ Project Survey Corridor

▢ County

Vegetative Communities

▨ Agricultural Land

▨ Old Field

▨ Shrub/Scrub

▨ Stream/Wetland

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

Crooksville-North Newark 138kV Transmission Line Rebuild Project

AEP OHIO TRANSMISSION COMPANY

FIGURE 5AL
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

Licking County

Wise Run

Undefined (#274 in line)

Undefined (#273 in line)

North Newark Station

Newark

Newark Center Station
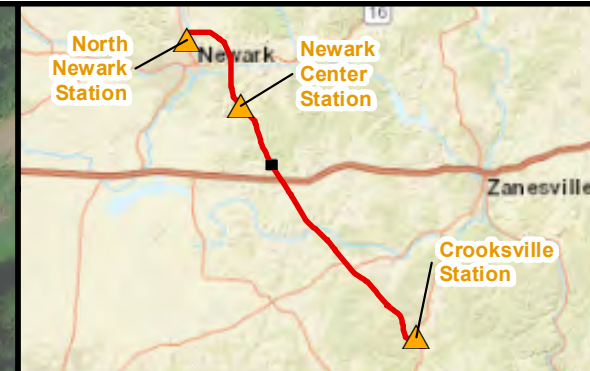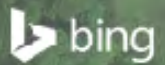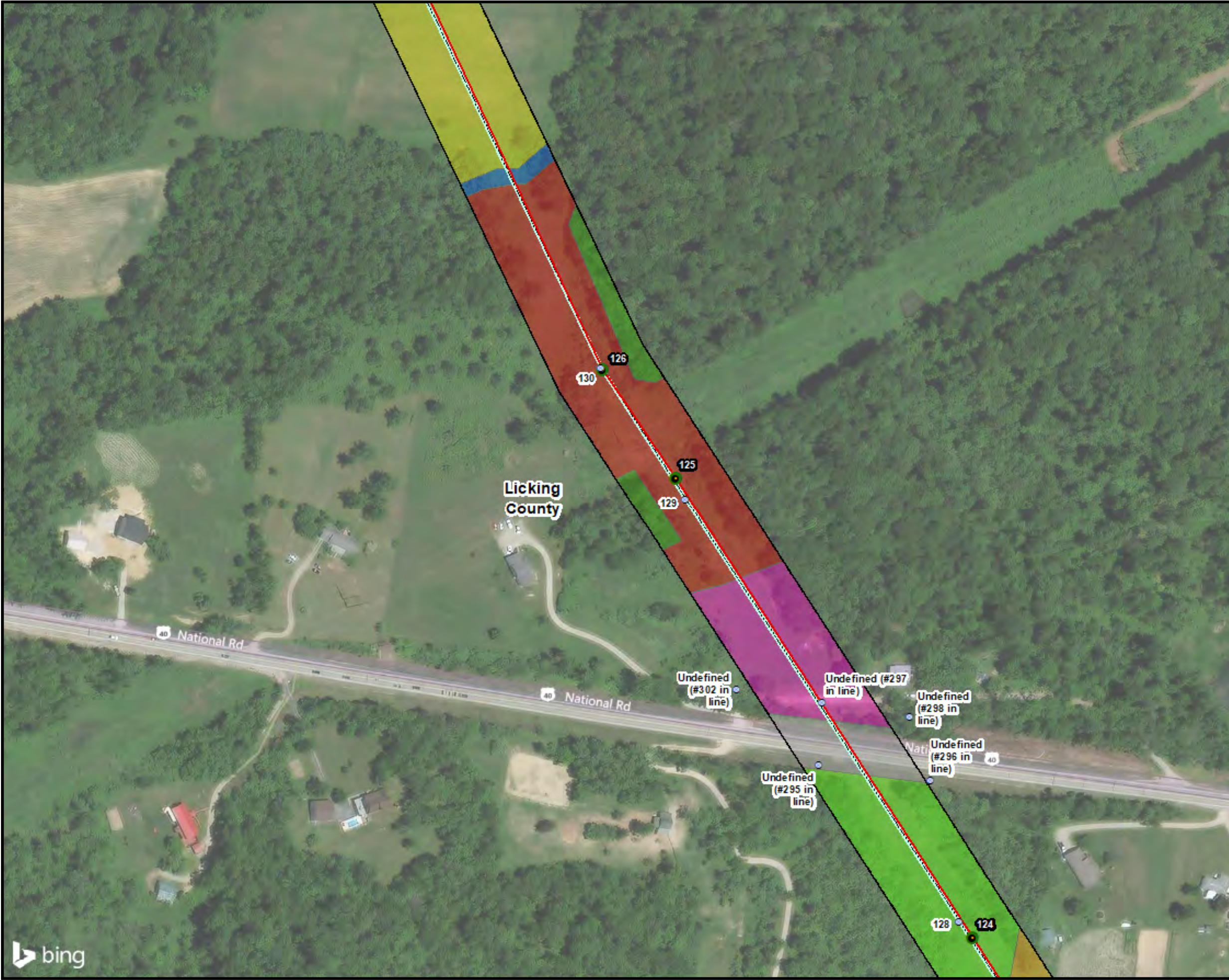
Zanesville

Crooksville Station

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

--- Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

Agricultural Land

Successional Woodland

Old Field

Stream/Wetland

Urban

Licking County

North Newark Station
Newark
Newark Center Station
Zanesville
Crooksville Station

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 5AM
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

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FIGURE 5AN
VEGETATIVE COMMUNITIES MAP

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

Existing Transmission Line

Crooksville-North Newark 138 kV Transmission Line

Project Survey Corridor

County

Vegetative Communities

Agricultural Land

Successional Woodland

Hay Field/Pasture

Old Field

Stream/Wetland

Urban

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

AEP OHIO TRANSMISSION COMPANY

Crooksville-North Newark 138kV Transmission Line Rebuild Project

JOB NO. 60616110

AECOM

0   200   400
Feet

N

Licking County

Undefined (#284 in line)
Undefined (#281 in line)
Undefined (#282 in line)
Undefined (#280 in line)
Undefined (#283 in line)
Undefined (#279 in line)
Undefined (#278 in line)

118
121
117
120
119
116

Wise Run
Midland Oil Rd

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

--- Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

☐ Project Survey Corridor

☐ County

Vegetative Communities

🟩 Successional Woodland

🟧 Hay Field/Pasture

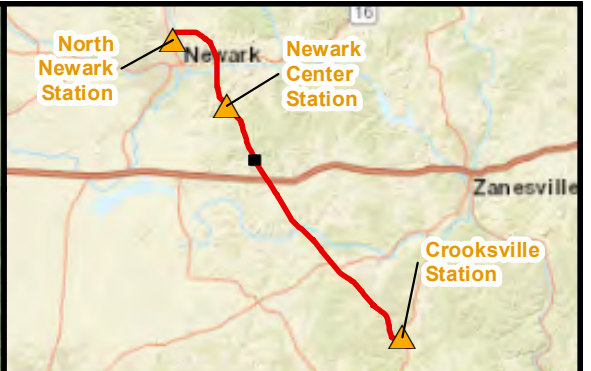🟪 Landscaped Area

🟥 Old Field

🟦 Stream/Wetland

⬜ Urban

N

0   200   400
Feet

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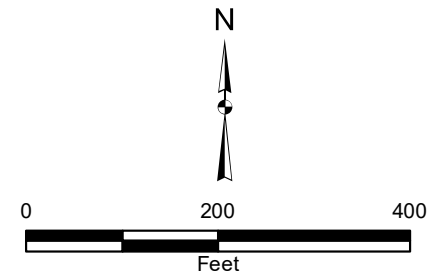Sources: Esri, HERE, Garmin, USGS, Intermap,

Crooksville-North Newark 138kV Transmission Line Rebuild Project

AEP OHIO TRANSMISSION COMPANY

FIGURE 5AO
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Licking County

Cooperrider Rd SE

Cooperrider Rd SE

Midland Oil Rd

Wise Run

Undefined (#287 in line)
Undefined (#286 in line)
Undefined (#288 in line)
Undefined (#285 in line)
Undefined (#284 in line)
Undefined (#281 in line)

North Newark Station
Newark Center Station
Crooksville Station
Newark
Zanesville

LEGEND:

Symbol	Description
⊗	Existing Structure
◉	Proposed Structure
– – –	Existing Transmission Line
——	Crooksville-North Newark 138 kV Transmission Line
▭	Project Survey Corridor
▭	County

Vegetative Communities

Color	Description
Yellow	Agricultural Land
Green	Successional Woodland
Orange	Hay Field/Pasture
Magenta	Landscaped Area
Light Green	Shrub/Scrub

Licking County

Undefined (#294 in line)
Undefined (#293 in line)
Undefined (#292 in line)
Undefined (#291 in line)
Undefined (#290 in line)
Undefined (#289 in line)

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 5AP
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

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LEGEND:

⊗ Existing Structure

◉ Proposed Structure

--- Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

☐ Project Survey Corridor

☐ County

Vegetative Communities

Agricultural Land

Successional Woodland

Hay Field/Pasture

Landscaped Area

Old Field

Shrub/Scrub
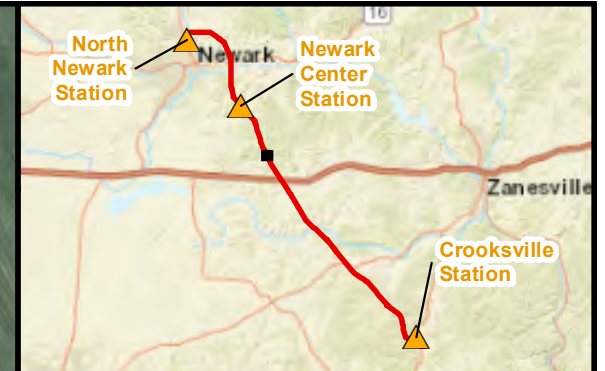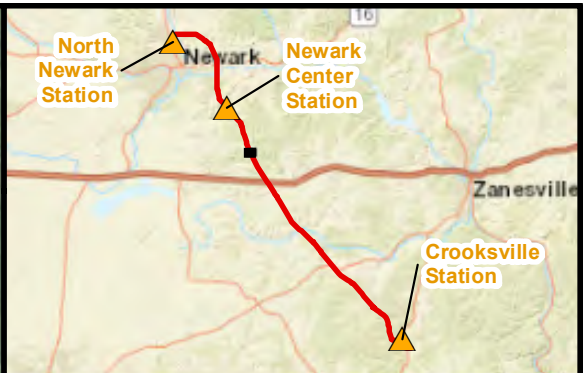
Stream/Wetland

Urban

Licking County

Undefined (#302 in line)

Undefined (#297 in line)

Undefined (#298 in line)

Undefined (#296 in line)

Undefined (#295 in line)

National Rd

126
130
125
129
128
124

N

0   200   400
Feet

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

AEP OHIO TRANSMISSION COMPANY

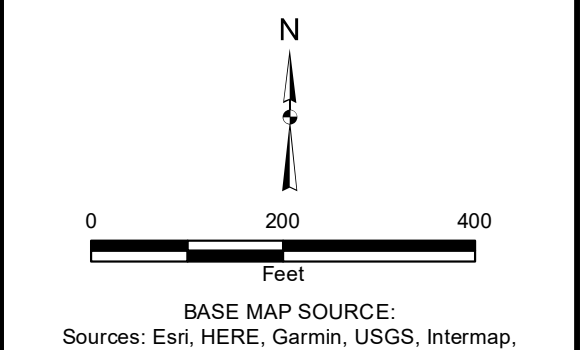*Crooksville-North Newark 138kV Transmission Line Rebuild Project*

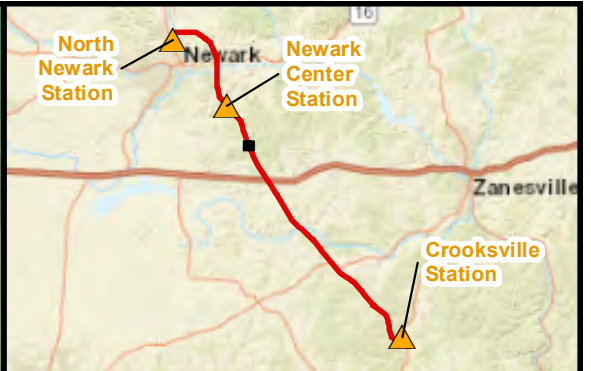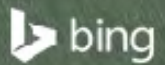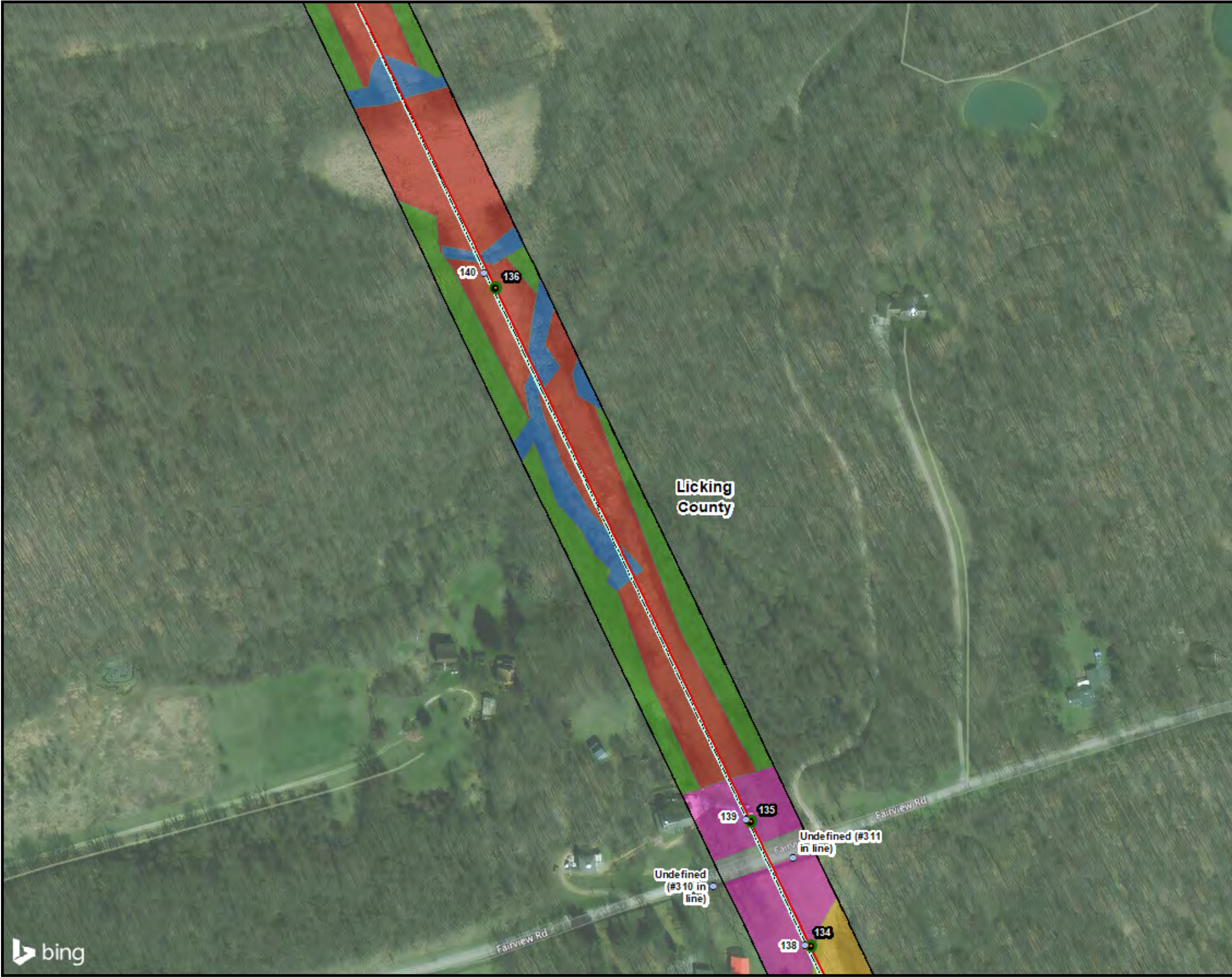FIGURE 5AQ
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

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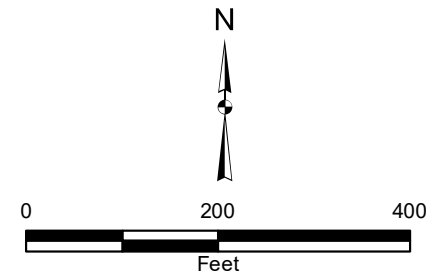
LEGEND:

⊗ Existing Structure

◉ Proposed Structure

‒ ‒ ‒ Existing Transmission Line

── Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

Agricultural Land

Successional Woodland

Hay Field/Pasture

Landscaped Area

Old Field

Urban

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

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5AR
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

Licking County

Undefined (#305 in line)

Undefined (#304 in line)

Undefined (#303 in line)

North Newark Station

Newark Center Station

Crooksville Station

Newark

Zanesville

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crooksta\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

⎯ ⎯ Existing Transmission Line

⎯⎯ Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

■ Successional Woodland

■ Hay Field/Pasture

■ Landscaped Area

■ Old Field

■ Shrub/Scrub

■ Stream/Wetland

Licking County

Undefined (#309 in line)

Undefined (#308 in line)

Undefined (#307 in line)

Undefined (#306 in line)

Sand Hollow Rd

North Newark Station

Newark

Newark Center Station
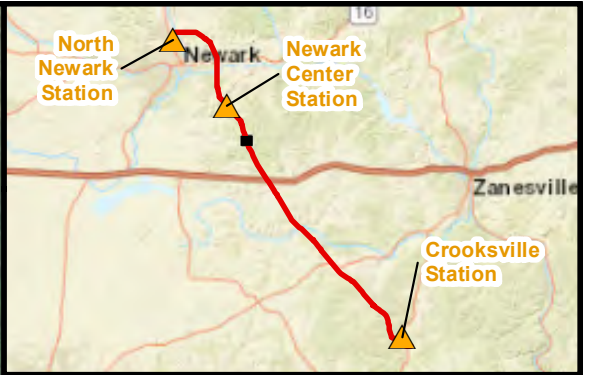
Zanesville

Crooksville Station

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 5AS
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crooksbab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

– – – Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

🟩 Successional Woodland

🟧 Hay Field/Pasture

🟪 Landscaped Area

🟥 Old Field

🟩 Shrub/Scrub

🟦 Stream/Wetland

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 5AT
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Licking County

Fairview Rd

Sand Hollow Rd

138 134

137 133

North Newark Station   Newark   Newark Center Station   Zanesville   Crooksville Station

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crooksbab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

● Proposed Structure

--- Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

■ Successional Woodland

■ Hay Field/Pasture

■ Landscaped Area

■ Old Field

■ Stream/Wetland

■ Urban

Licking County

140 136

139 135

Undefined (#311 in line)

Undefined (#310 in line)

138 134

Fairview Rd

N

0   200   400
Feet

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

North Newark Station
Newark
Newark Center Station
Zanesville
Crooksville Station

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

FIGURE 5AU
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crooksd\ab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

--- Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

□ Project Survey Corridor

□ County

Vegetative Communities

Agricultural Land

Successional Woodland

Hay Field/Pasture

Old Field

Stream/Wetland

Licking County

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 5AV
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM
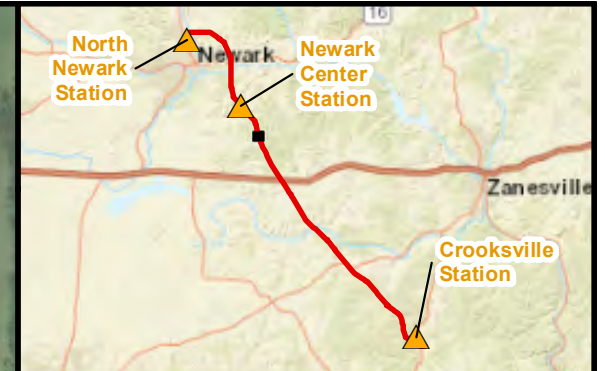
LEGEND:

⊗ Existing Structure

◉ Proposed Structure

- - - Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

■ Agricultural Land
■ Hay Field/Pasture
■ Landscaped Area
■ Stream/Wetland

Licking County

Claylick Creek

145

140

Undefined (#315 in line)

Undefined (#314 in line)

Undefined (#313 in line)

144   139
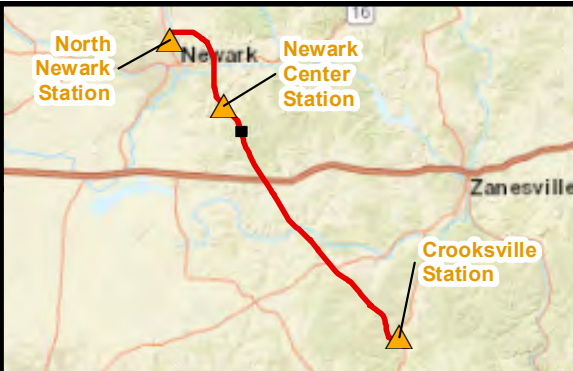
Undefined (#312 in line)

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 5AW
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

North Newark Station   Newark   Newark Center Station   Zanesville   Crooksville Station

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FIGURE 5AX
VEGETATIVE COMMUNITIES MAP

Crooksville-North Newark 138kV
Transmission Line Rebuild Project

AEP OHIO TRANSMISSION COMPANY

JOB NO. 60616110

AECOM

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

- - - Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

▭ Potential Northern Harrier Habitat

▭ Project Survey Corridor

▭ County

Vegetative Communities

Agricultural Land

Hay Field/Pasture

Landscaped Area

Stream/Wetland
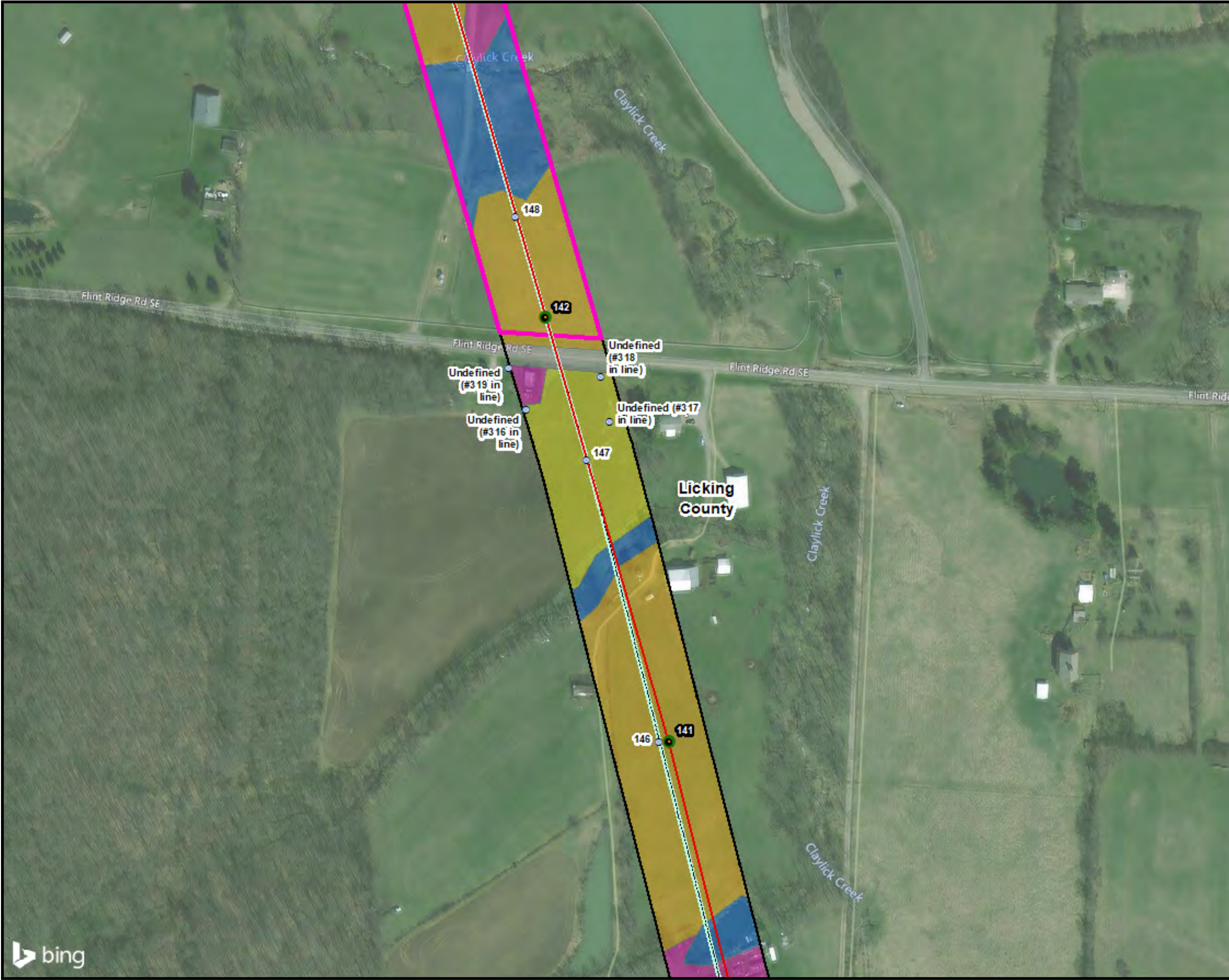
Urban

N

0   200   400
Feet

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

Claylick Creek

Flint Ridge Rd SE

148

142

Undefined (#318 in line)

Undefined (#319 in line)

Undefined (#316 in line)

Undefined (#317 in line)

147

Licking County

146   141

North Newark Station

Newark

Newark Center Station

Zanesville

Crooksville Station

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bing

LEGEND:

⊗ Existing Structure

⊙ Proposed Structure

- - - Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

▭ Potential Northern Harrier Habitat

▭ Project Survey Corridor

▭ County

Vegetative Communities

Successional Woodland

Hay Field/Pasture

Landscaped Area

Old Field

Stream/Wetland

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 5AY
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

Licking County

Claylick Creek

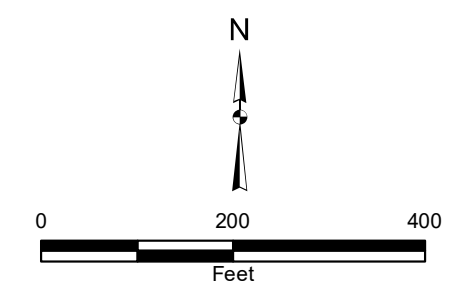L:\DCS\GISArcMap_GeoDB_Projects\ENV\60616110_AEP_Crooksiab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

● Proposed Structure

Existing Transmission Line

Crooksville-North Newark 138 kV Transmission Line

Potential Northern Harrier Habitat

Project Survey Corridor

County

Vegetative Communities

Successional Woodland

Landscaped Area

Old Field

Shrub/Scrub

Stream/Wetland

Urban

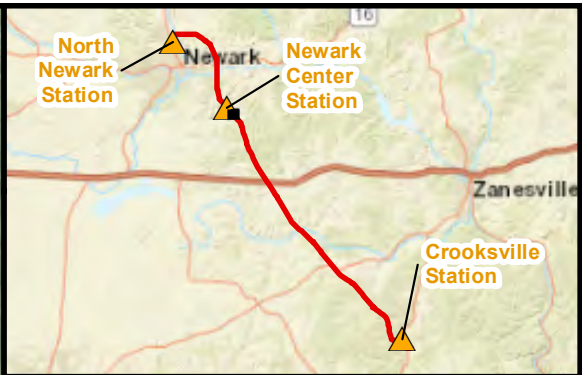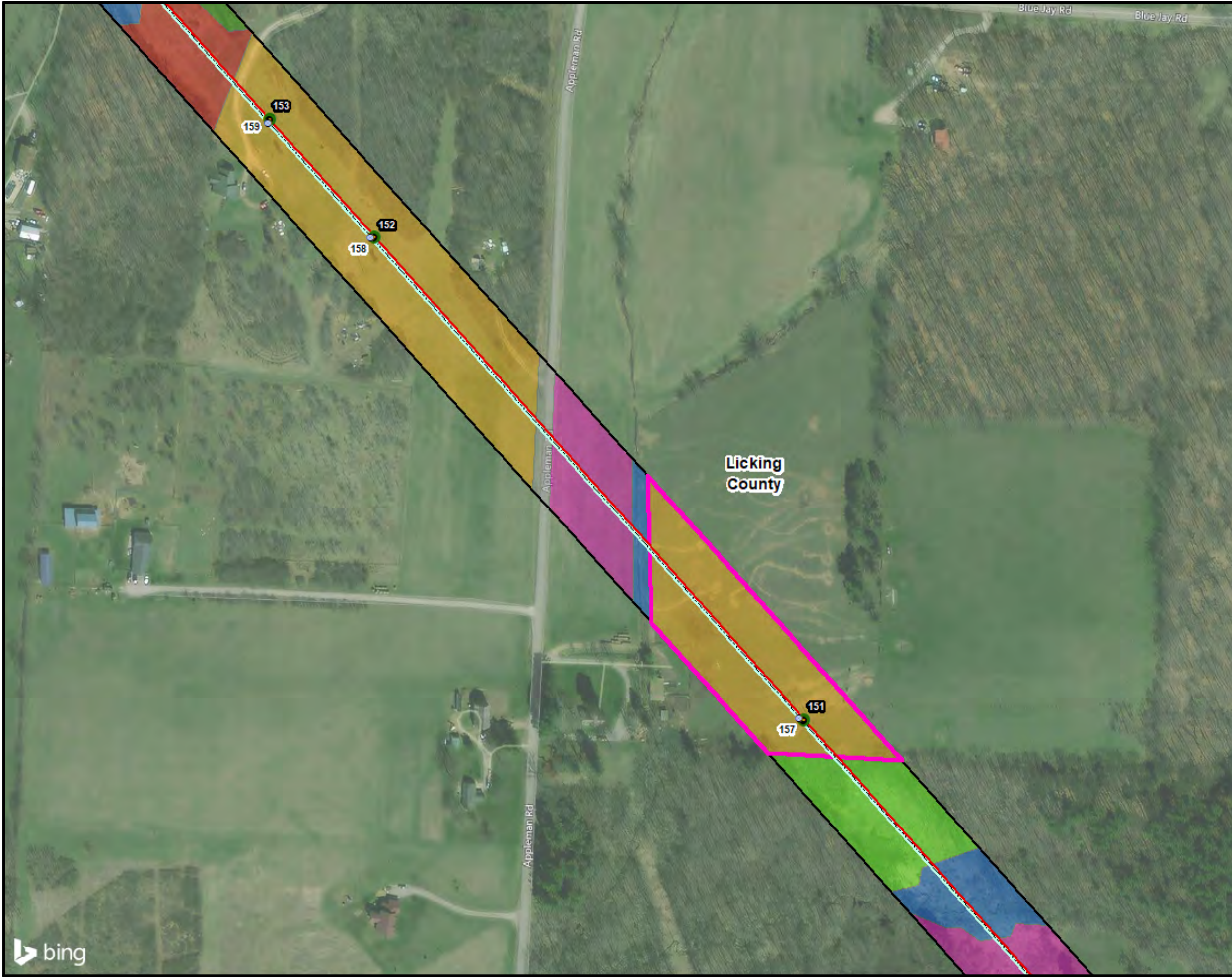Licking County

Pleasant Chapel Rd

Undefined (#321 in line)

Undefined (#320 in line)

153
147
146
152

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 5AZ
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

North Newark Station
Newark
Newark Center Station
Zanesville
Crooksville Station

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LEGEND:

⊗	Existing Structure
⊙	Proposed Structure
-·-·-	Existing Transmission Line
▬▬▬	Crooksville-North Newark 138 kV Transmission Line
▭	Project Survey Corridor
▭	County

Vegetative Communities

▮	Successional Woodland
▮	Landscaped Area
▮	Old Field
▮	Shrub/Scrub
▮	Stream/Wetland

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

Crooksville-North Newark 138kV Transmission Line Rebuild Project
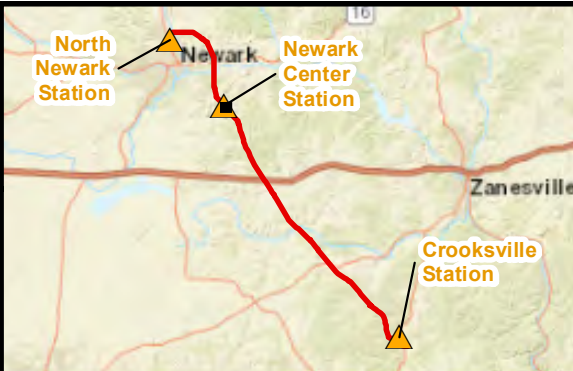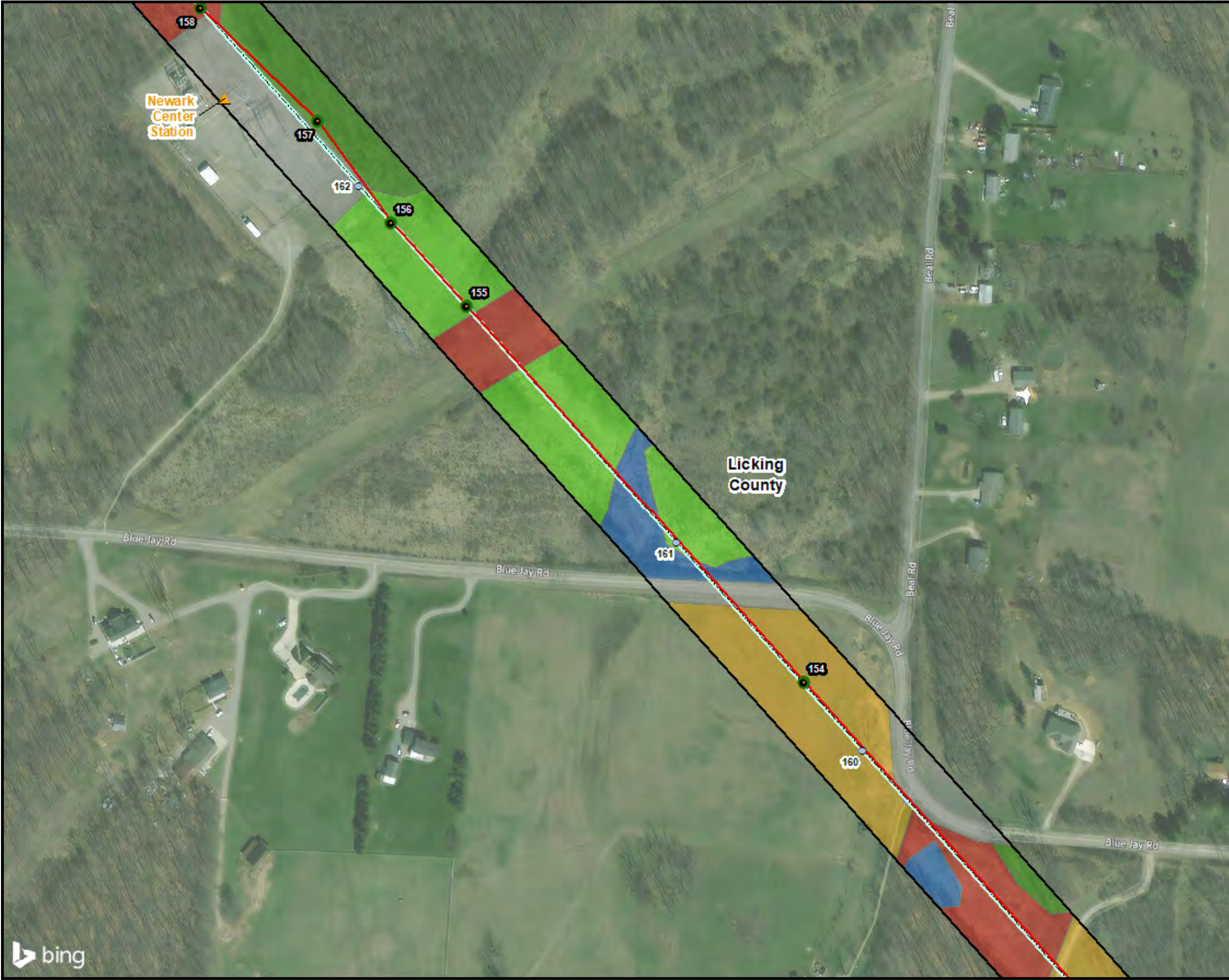
FIGURE 5BA
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

LEGEND:

⊗ Existing Structure

⊙ Proposed Structure

Existing Transmission Line

Crooksville-North Newark 138 kV Transmission Line

Potential Northern Harrier Habitat

Project Survey Corridor

County

Vegetative Communities

Successional Woodland

Hay Field/Pasture

Landscaped Area

Old Field

Shrub/Scrub

Stream/Wetland

Urban

Licking County

North Newark Station

Newark

Newark Center Station

Zanesville

Crooksville Station

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
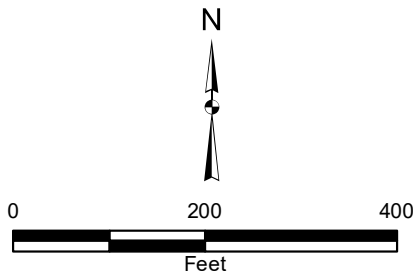
FIGURE 5BB
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

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LEGEND:

- ⊗ Existing Structure
- ◉ Proposed Structure
- ▲ Existing Station
- — · — Existing Transmission Line
- ——— Crooksville-North Newark 138 kV Transmission Line
- ☐ Project Survey Corridor
- ☐ County

Vegetative Communities

- 🟩 Successional Woodland
- 🟧 Hay Field/Pasture
- 🟥 Old Field
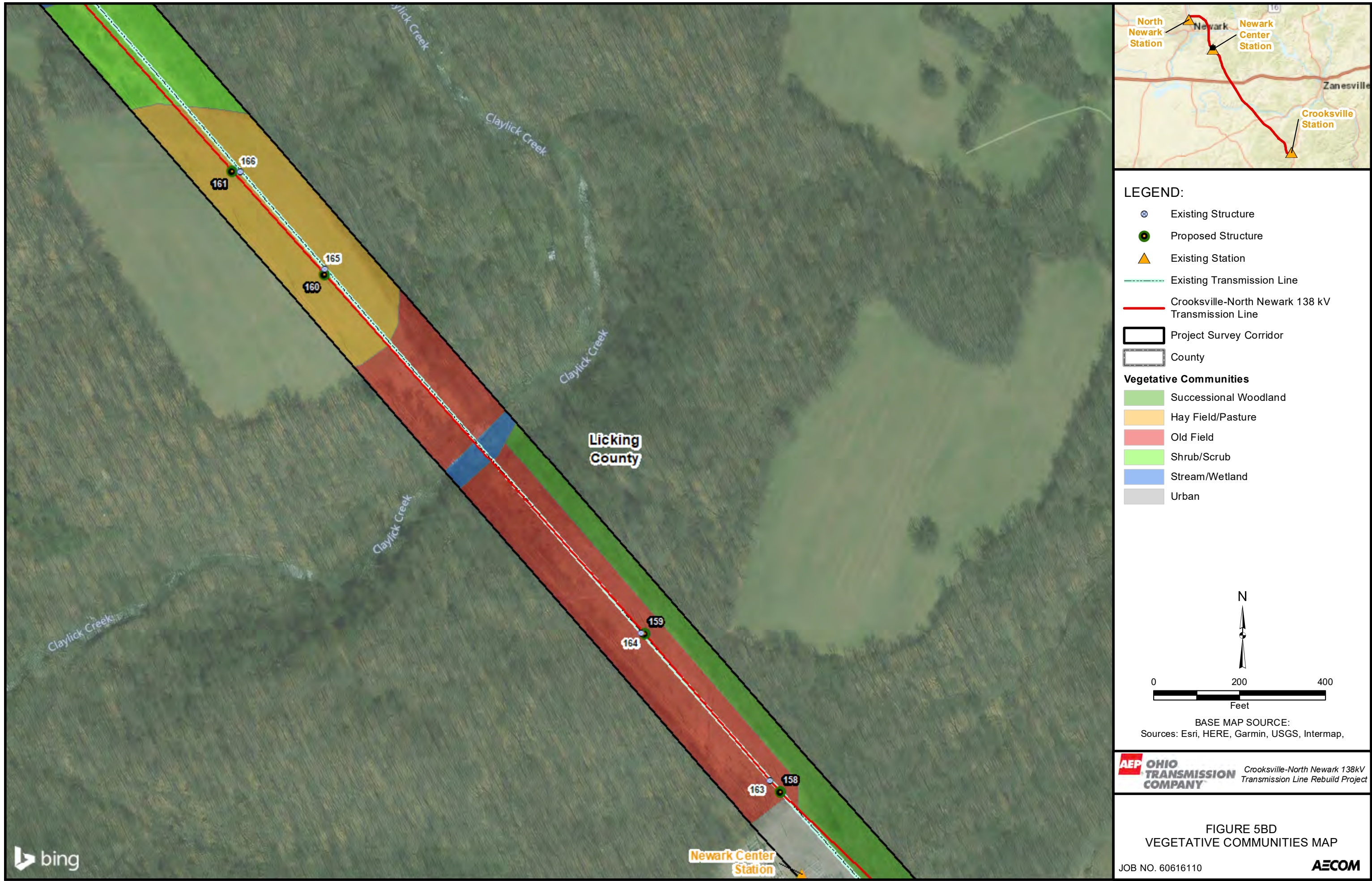- 🟢 Shrub/Scrub
- 🟦 Stream/Wetland
- ⬜ Urban

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

AEP OHIO TRANSMISSION COMPANY

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5BC
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

Newark Center Station

Licking County

North Newark Station

Newark

Newark Center Station

Zanesville

Crooksville Station

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LEGEND:

⊗   Existing Structure

◉   Proposed Structure

▲   Existing Station

– · – · –   Existing Transmission Line

———   Crooksville-North Newark 138 kV Transmission Line

☐   Project Survey Corridor

☐   County

Vegetative Communities

🟩   Successional Woodland

🟧   Hay Field/Pasture

🟥   Old Field

🟩   Shrub/Scrub

🟦   Stream/Wetland

⬜   Urban

Licking County

Newark Center Station

N

0   200   400

Feet

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

AEP OHIO TRANSMISSION COMPANY

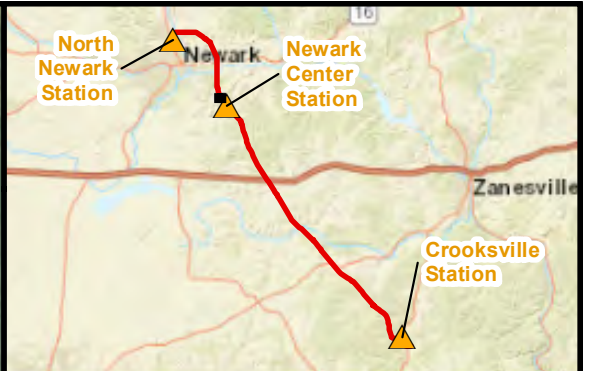*Crooksville-North Newark 138kV Transmission Line Rebuild Project*

FIGURE 5BD
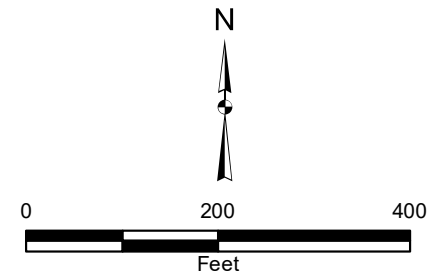VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

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LEGEND:

⊗ Existing Structure

◉ Proposed Structure

━ ━ Existing Transmission Line

━━━ Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

Hay Field/Pasture

Shrub/Scrub
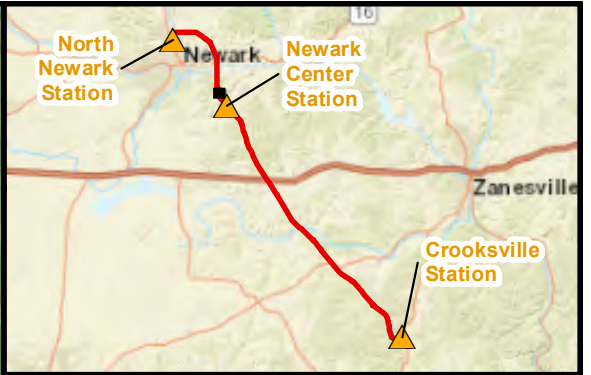
Stream/Wetland

Licking County

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 5BE
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

North Newark Station
Newark Center Station
Crooksville Station
Newark
Zanesville

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

– – – Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▭ Potential Northern Harrier Habitat

▭ Project Survey Corridor

▭ County

Vegetative Communities

Agricultural Land

Hay Field/Pasture

Landscaped Area

Shrub/Scrub

Stream/Wetland

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 5BF
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Licking County

Equality Run

LEGEND:
- ⊗ Existing Structure
- ◉ Proposed Structure
- ---- Existing Transmission Line
- —— Crooksville-North Newark 138 kV Transmission Line
- ▢ Potential Northern Harrier Habitat
- ▢ Project Survey Corridor
- ▢ County

Vegetative Communities
- Agricultural Land
- Successional Woodland
- Hay Field/Pasture
- Stream/Wetland
- Urban
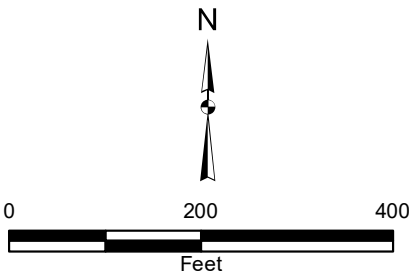
N

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 5BG
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

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LEGEND:

⊗ Existing Structure

◉ Proposed Structure

- - - Existing Transmission Line

─── Crooksville-North Newark 138 kV Transmission Line

▭ Potential Northern Harrier Habitat

▭ Project Survey Corridor

▭ County

Vegetative Communities

Successional Woodland

Hay Field/Pasture

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 5BH
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

Licking County

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

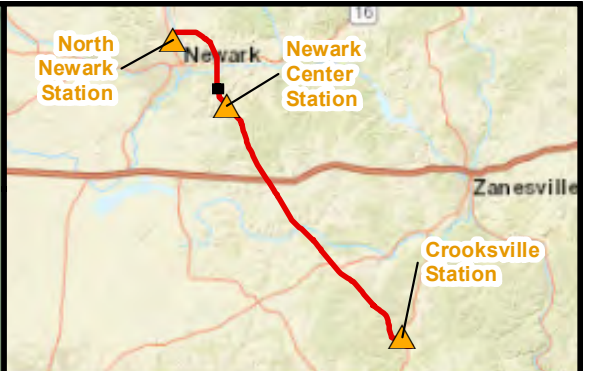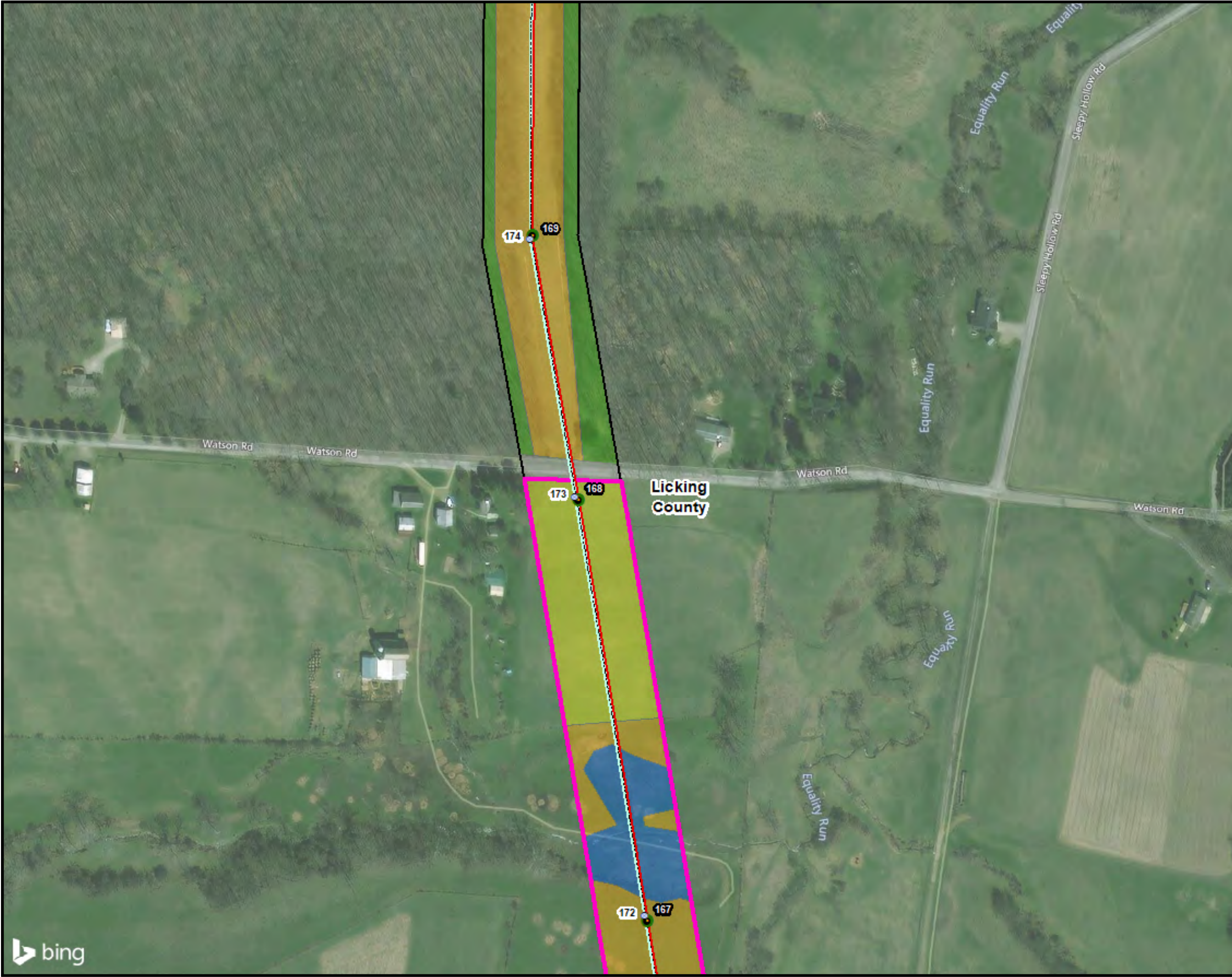----- Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▢ Potential Northern Harrier Habitat

▢ Project Survey Corridor

▢ County

Vegetative Communities

■ Successional Woodland

■ Hay Field/Pasture

■ Old Field

■ Shrub/Scrub

■ Stream/Wetland

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 5BI
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Licking County

174 179
173 178
177 172

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

Existing Transmission Line

Crooksville-North Newark 138 kV Transmission Line

Project Survey Corridor

County

Vegetative Communities

Agricultural Land

Successional Woodland

Shrub/Scrub

Stream/Wetland

Licking River

Licking County

175
180
179 174

North Newark Station
Newark
Newark Center Station
Zanesville
Crooksville Station

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 5BJ
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

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LEGEND:

⊗ Existing Structure

◉ Proposed Structure

— — — Existing Transmission Line

——— Crooksville-North Newark 138 kV Transmission Line

▢ Project Survey Corridor

▢ County

Vegetative Communities

▢ Agricultural Land

▢ Successional Woodland

▢ Shrub/Scrub

▢ Stream/Wetland

N

0   200   400
Feet

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

Licking County

Shawnee Run

Shawnee Run

Licking River

178 183
177 182
176 181

North Newark Station
Newark
Newark Center Station
Zanesville
Crooksville Station
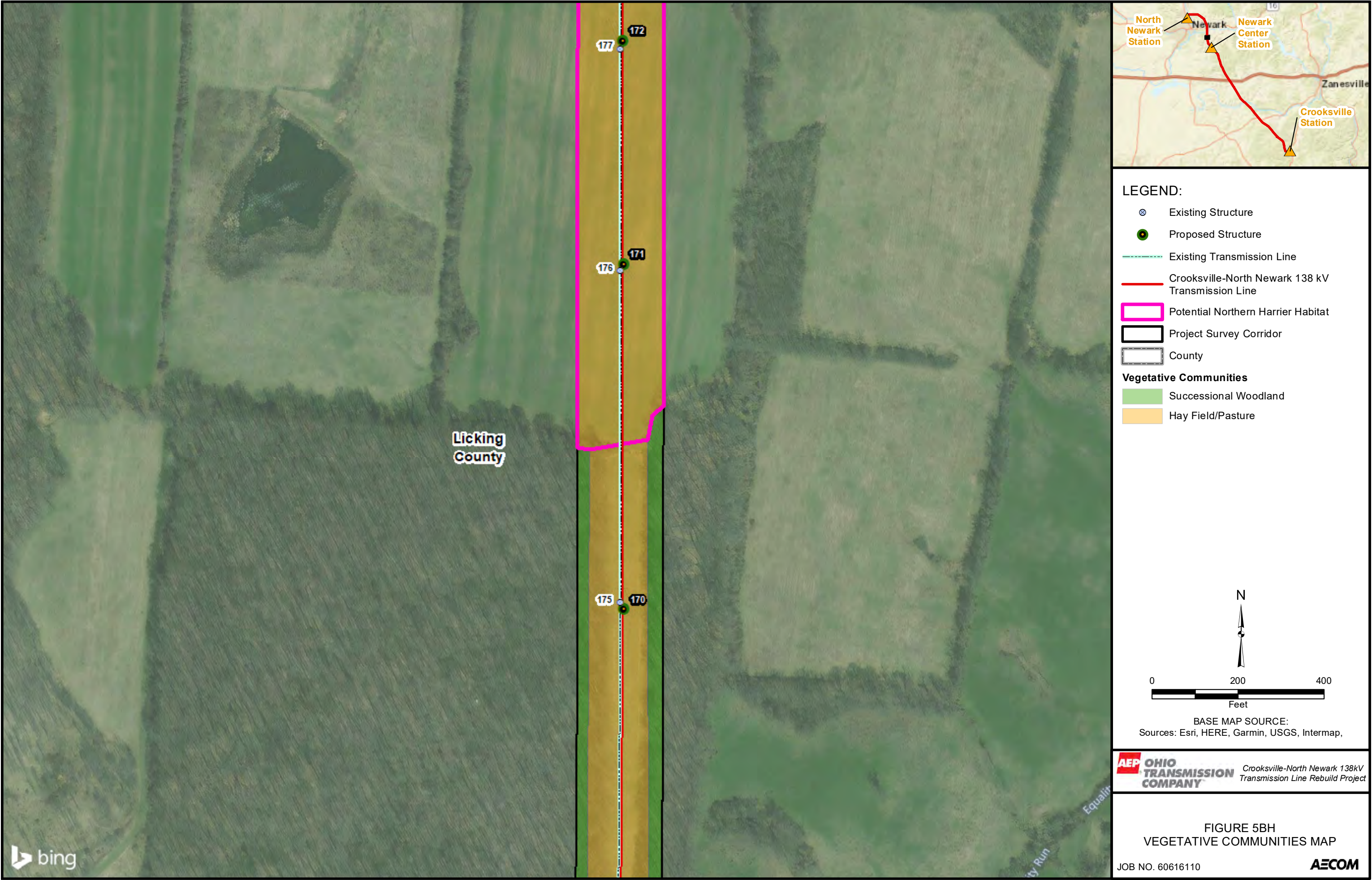
AEP OHIO TRANSMISSION COMPANY

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5BK
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

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bing

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

----- Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

▮ Agricultural Land (yellow)

▮ Landscaped Area (pink)

▮ Shrub/Scrub (green)

▮ Stream/Wetland (blue)

▮ Urban (gray)

N

0   200   400
Feet

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

Crooksville-North Newark 138kV Transmission Line Rebuild Project
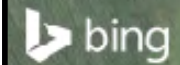
FIGURE 5BL
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

– – – Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

☐ Project Survey Corridor

☐ County

Vegetative Communities

☐ Agricultural Land

☐ Shrub/Scrub

☐ Urban

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 5BM
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

LEGEND:

⊗   Existing Structure

◉   Proposed Structure

– · – · –   Existing Transmission Line

———   Crooksville-North Newark 138 kV Transmission Line

▭   Project Survey Corridor

▭   County

Vegetative Communities

▮   Agricultural Land

▮   Landscaped Area

▮   Shrub/Scrub

▮   Urban

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

AEP OHIO TRANSMISSION COMPANY

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5BN
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Licking County

North Newark Station   Newark   Newark Center Station   Zanesville   Crooksville Station

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

‒‒‒ Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

▱ Potential Northern Harrier Habitat

▱ Project Survey Corridor

▱ County

Vegetative Communities

Agricultural Land

Hay Field/Pasture

Landscaped Area

Stream/Wetland

North Newark Station
Newark Center Station
Crooksville Station
Newark
Zanesville

Fairfield Dr

194

188

Licking County

193

187 192

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 5BO
VEGETATIVE COMMUNITIES MAP

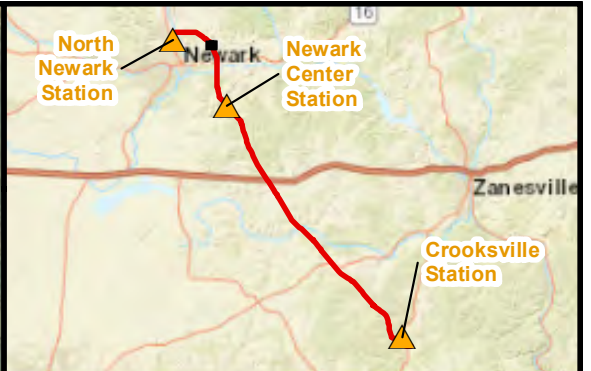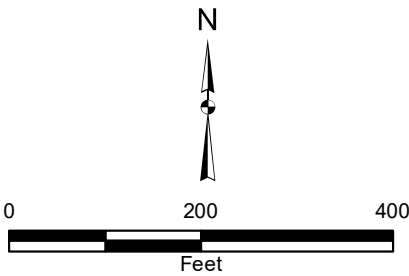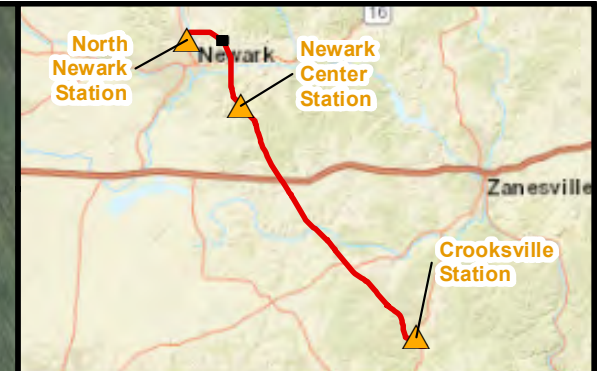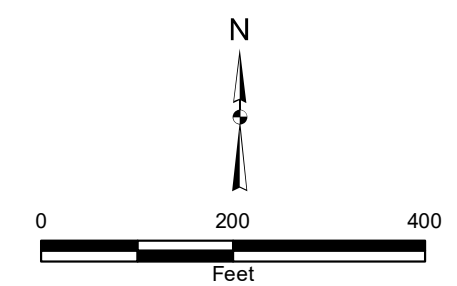JOB NO. 60616110   AECOM

bing

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LEGEND:

⊗ Existing Structure

● Proposed Structure

- - - Existing Transmission Line

— Crooksville-North Newark 138 kV Transmission Line

▭ Potential Northern Harrier Habitat

▭ Project Survey Corridor

▭ County

Vegetative Communities

▨ Agricultural Land

▨ Hay Field/Pasture

▨ Old Field

▨ Stream/Wetland

Licking County

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 5BP
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

North Newark Station
Newark
Newark Center Station
Zanesville
Crooksville Station

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crooksvab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

⊙ Proposed Structure

— — Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

☐ Potential Northern Harrier Habitat

☐ Project Survey Corridor

☐ County

Vegetative Communities

☐ Agricultural Land

☐ Successional Woodland

☐ Hay Field/Pasture

☐ Old Field
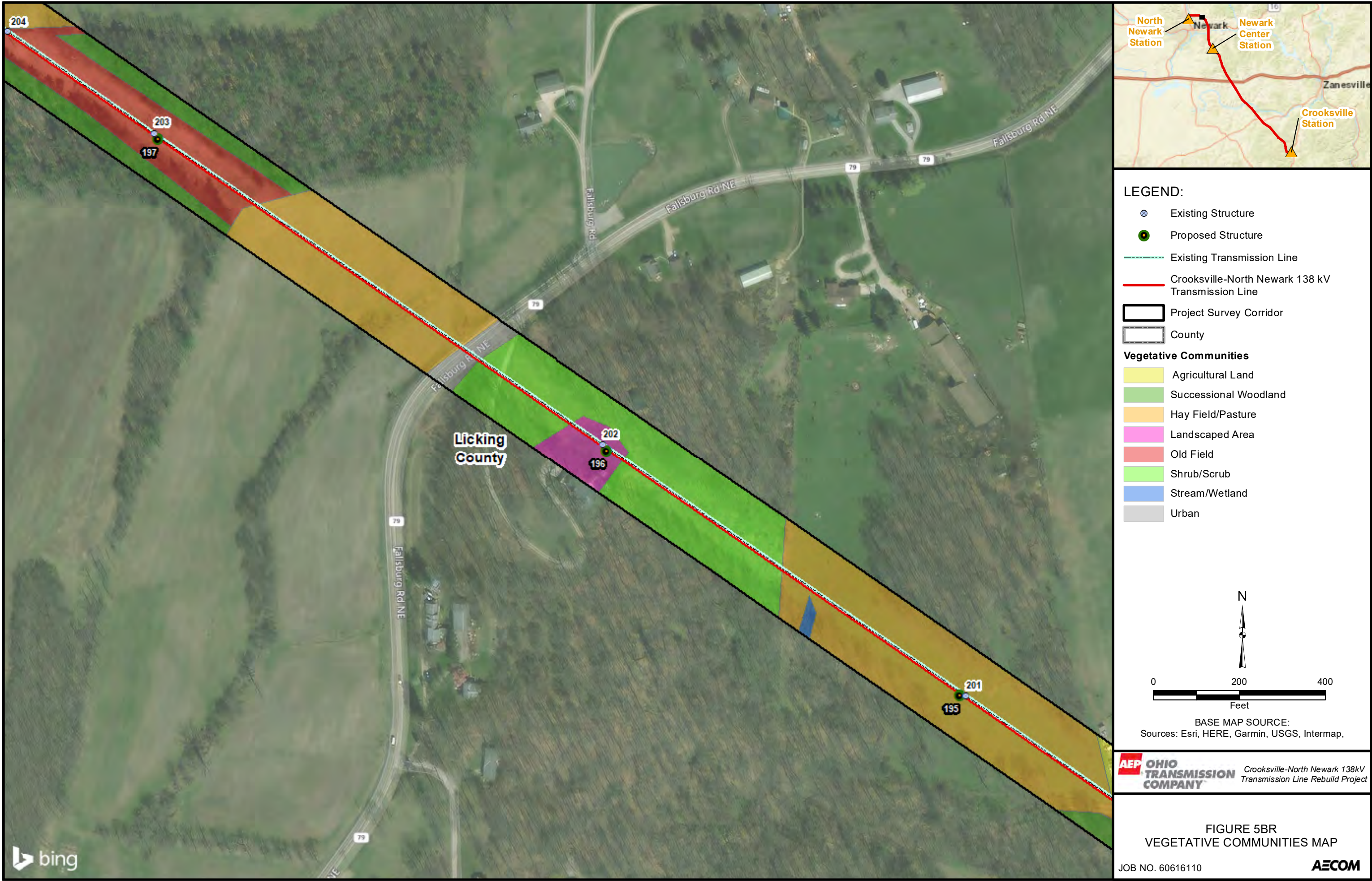
☐ Shrub/Scrub

☐ Stream/Wetland

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 5BQ
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Licking County

Shawnee Run

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crooklsab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

––– Existing Transmission Line

––– Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

- Agricultural Land
- Successional Woodland
- Hay Field/Pasture
- Landscaped Area
- Old Field
- Shrub/Scrub
- Stream/Wetland
- Urban

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 5BR
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Licking County

North Newark Station   Newark   Newark Center Station   Zanesville   Crooksville Station

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crookslab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

Existing Transmission Line

Crooksville-North Newark 138 kV Transmission Line

Project Survey Corridor

County

Vegetative Communities

Successional Woodland

Hay Field/Pasture

Landscaped Area

Old Field

Shrub/Scrub

Stream/Wetland

Urban

N

0   200   400
Feet

BASE MAP SOURCE:
Sources: Esri, HERE, Garmin, USGS, Intermap,
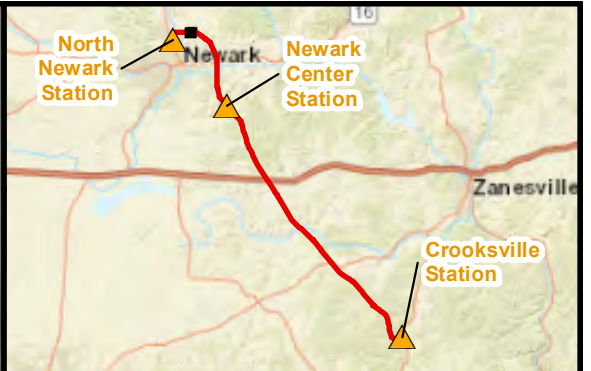
AEP OHIO TRANSMISSION COMPANY
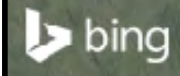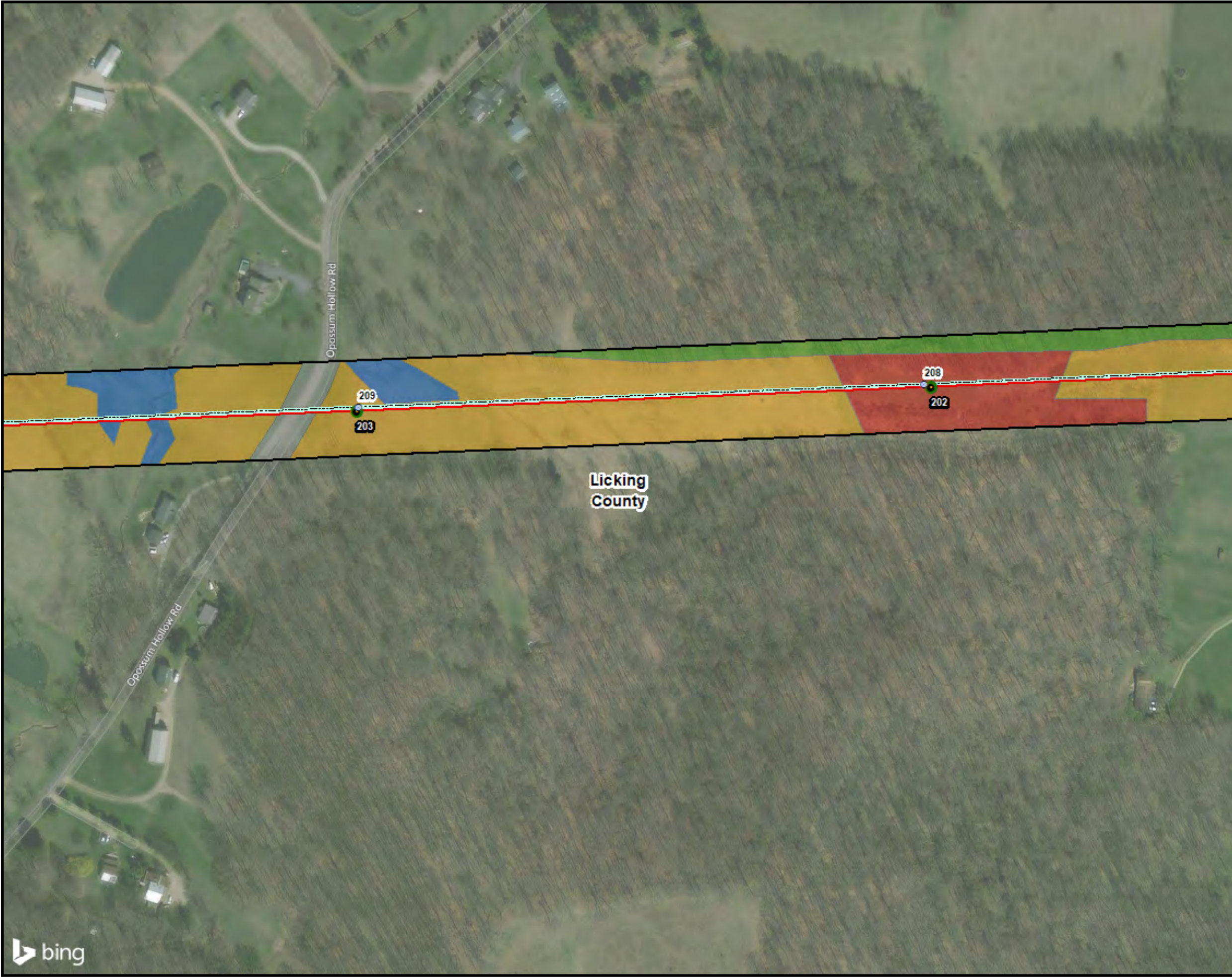
Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5BS
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

Licking County

Martinsburg Rd

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crookslab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

North Newark Station

Newark

Newark Center Station

Zanesville

Crooksville Station

LEGEND:

⊗ Existing Structure

⦿ Proposed Structure

– · – Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

☐ Project Survey Corridor

☐ County

Vegetative Communities

🟩 Successional Woodland

🟧 Hay Field/Pasture

🟥 Old Field

🟦 Stream/Wetland

⬜ Urban

North Newark Station

Newark Center Station

Crooksville Station

Newark

Zanesville

Opossum Hollow Rd

Licking County

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
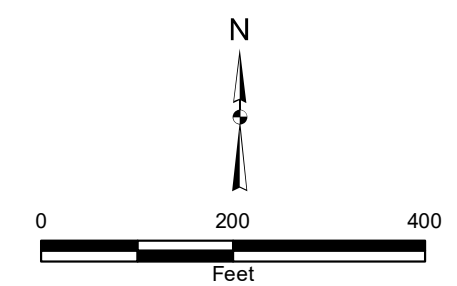
FIGURE 5BT
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

bing

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crookslsab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

‒·‒·‒ Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities

🟩 Successional Woodland

🟧 Hay Field/Pasture

🟩 Shrub/Scrub

🟦 Stream/Wetland

Licking County

N

0   200   400
Feet

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

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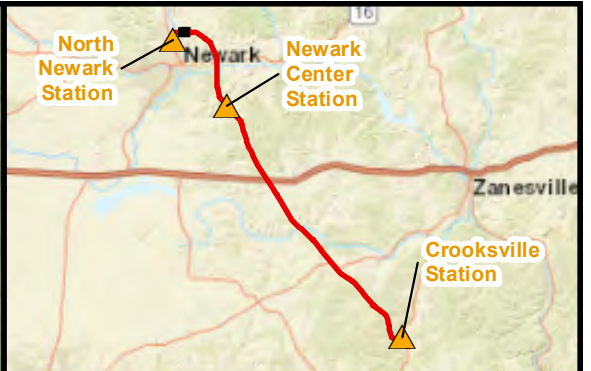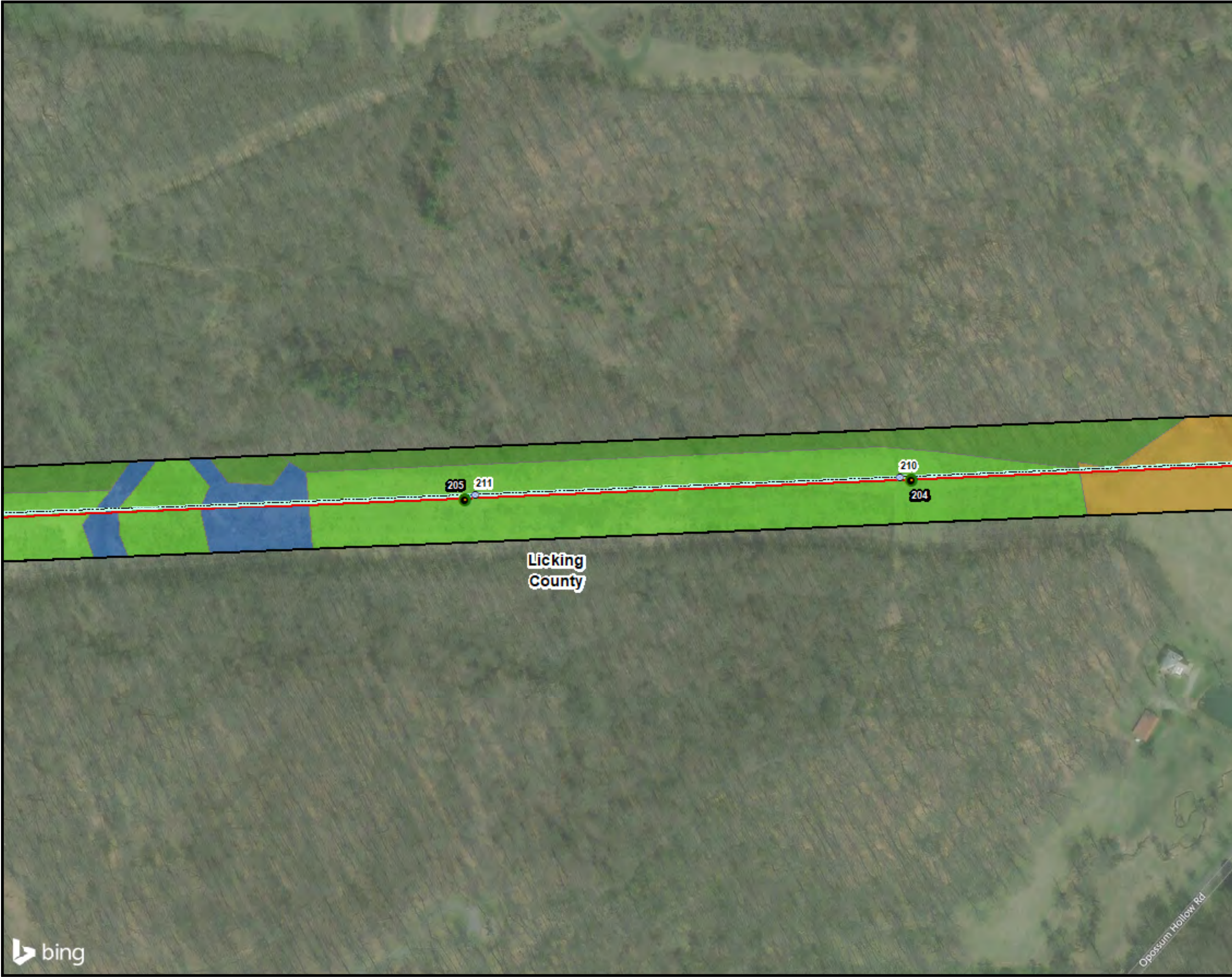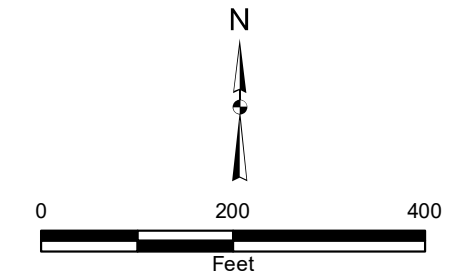
Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5BU
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

L:\DCS\GIS\ArcMap_GeoDB_Project\ENV\60616110_AEP_Crooksb\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

◉ Proposed Structure

— · — Existing Transmission Line

——— Crooksville-North Newark 138 kV Transmission Line

☐ Project Survey Corridor

☐ County

Vegetative Communities

🟩 Successional Woodland

🟧 Hay Field/Pasture

🟪 Landscaped Area

🟩 Shrub/Scrub

⬜ Urban

North Newark Station

Newark Center Station

Crooksville Station

Newark

Zanesville

Wildflower Dr

Meadowland Dr

Abby Dr

Carolina Dr

Lovie Dr

Horns Hill Rd

Licking County

214
208

213
207

212
206

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 5BV
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110

AECOM

L:\DCS\GIS\ArcMap_GeoDB_Projects\ENV\60616110_AEP_Crooksville\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

LEGEND:

⊗ Existing Structure

● Proposed Structure

- - - Existing Transmission Line

—— Crooksville-North Newark 138 kV Transmission Line

▭ Project Survey Corridor

▭ County

Vegetative Communities
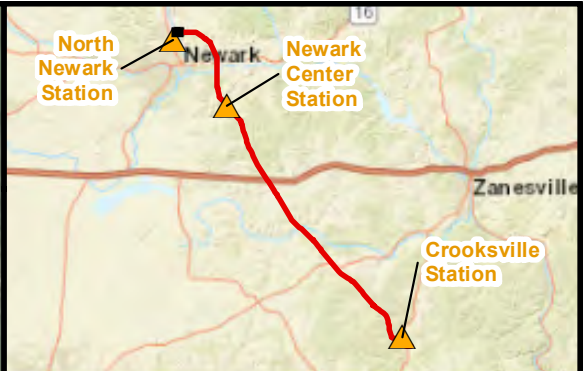
■ Successional Woodland

■ Hay Field/Pasture

■ Landscaped Area

■ Old Field

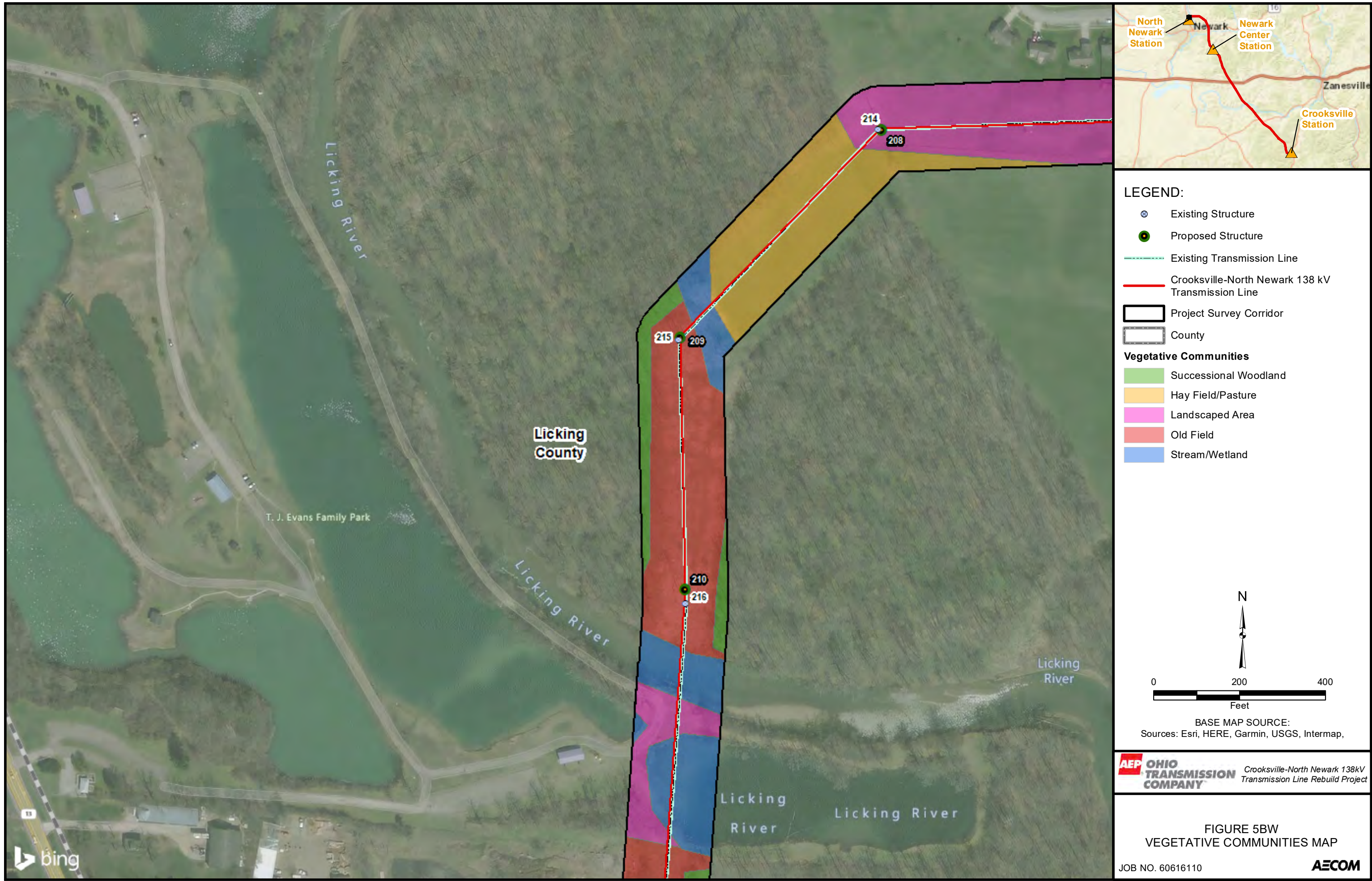■ Stream/Wetland

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 5BW
VEGETATIVE COMMUNITIES MAP

JOB NO. 60616110   AECOM

North Newark Station

Newark

Newark Center Station

Zanesville

Crooksville Station

Licking River

Licking County

T. J. Evans Family Park

Licking River

Licking River

Licking River

Licking River

214
208

215
209

210
216

L:\DCS\GISArcMap_GeoDB_Project\sIENV\60616110_AEP_Crookslab\AEP_Crooksville_NorthNewark_WDR_Figure5.mxd Date: 6/1/2021

bing

LEGEND:

- ⊗ Existing Structure
- ◉ Proposed Structure
- ▲ Existing Station
- —·—·— Existing Transmission Line
- —— Crooksville-North Newark 138 kV Transmission Line
- ▭ Project Survey Corridor
- ▭ County

Vegetative Communities

- 🟩 Successional Woodland
- 🟧 Hay Field/Pasture
- 🟪 Landscaped Area
- 🟥 Old Field
- 🟦 Stream/Wetland
- ⬜ Urban

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

Crooksville-North Newark 138kV Transmission Line Rebuild Project

FIGURE 5BX
VEGETATIVE COMMUNITIES MAP
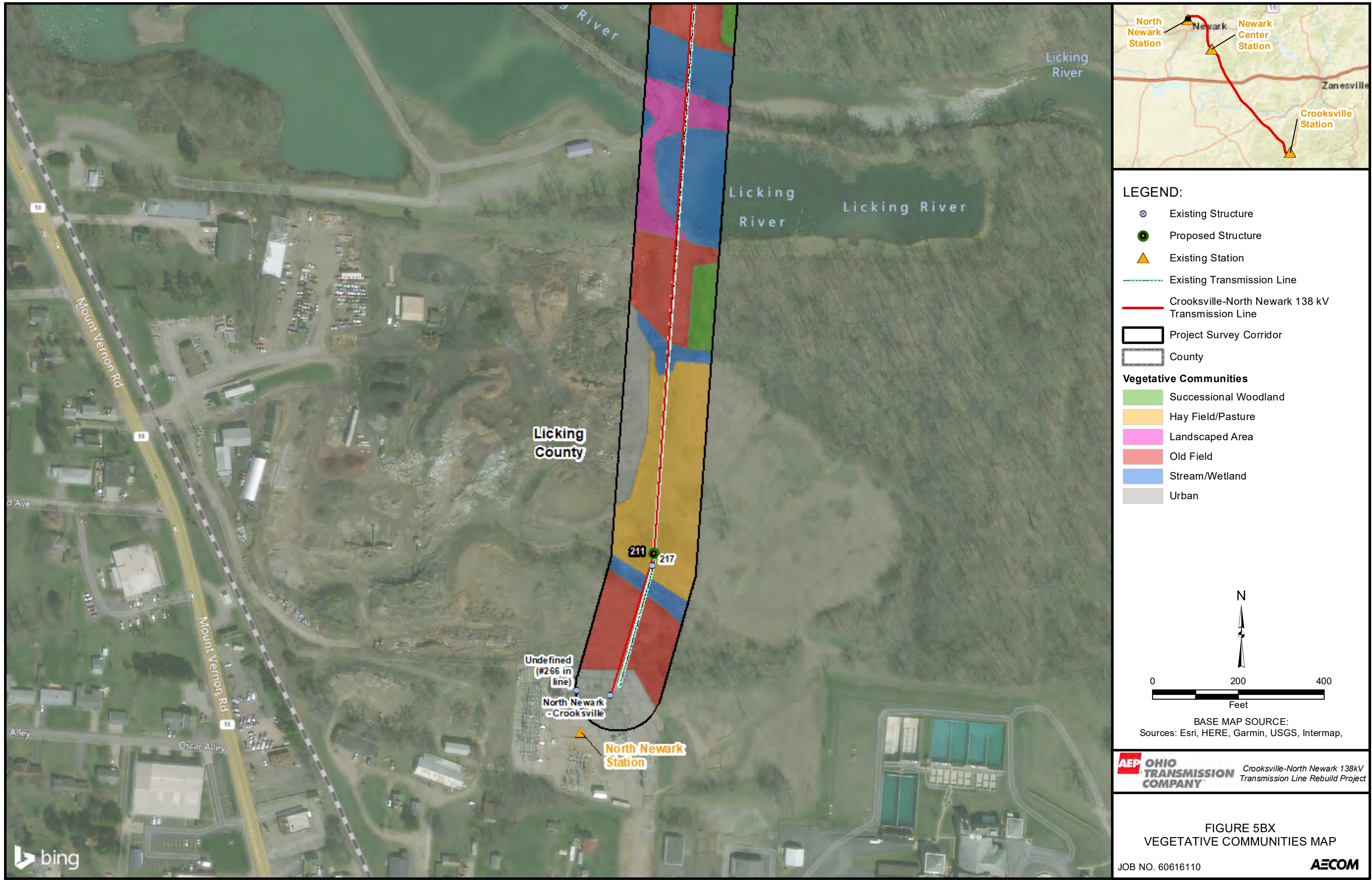
JOB NO. 60616110

APPENDIX A

PROJECT WETLAND TABLE

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

9/9/2021 7:47:38 PM

in

Case No(s). 21-0852-EL-BLN

Summary: Notice Letter of Notification for the Crooksville- North 138kV Transmission Line Rebuild Project Pages 242-341 electronically filed by Hector Garcia-Santana on behalf of AEP Ohio Transmission Company, Inc.