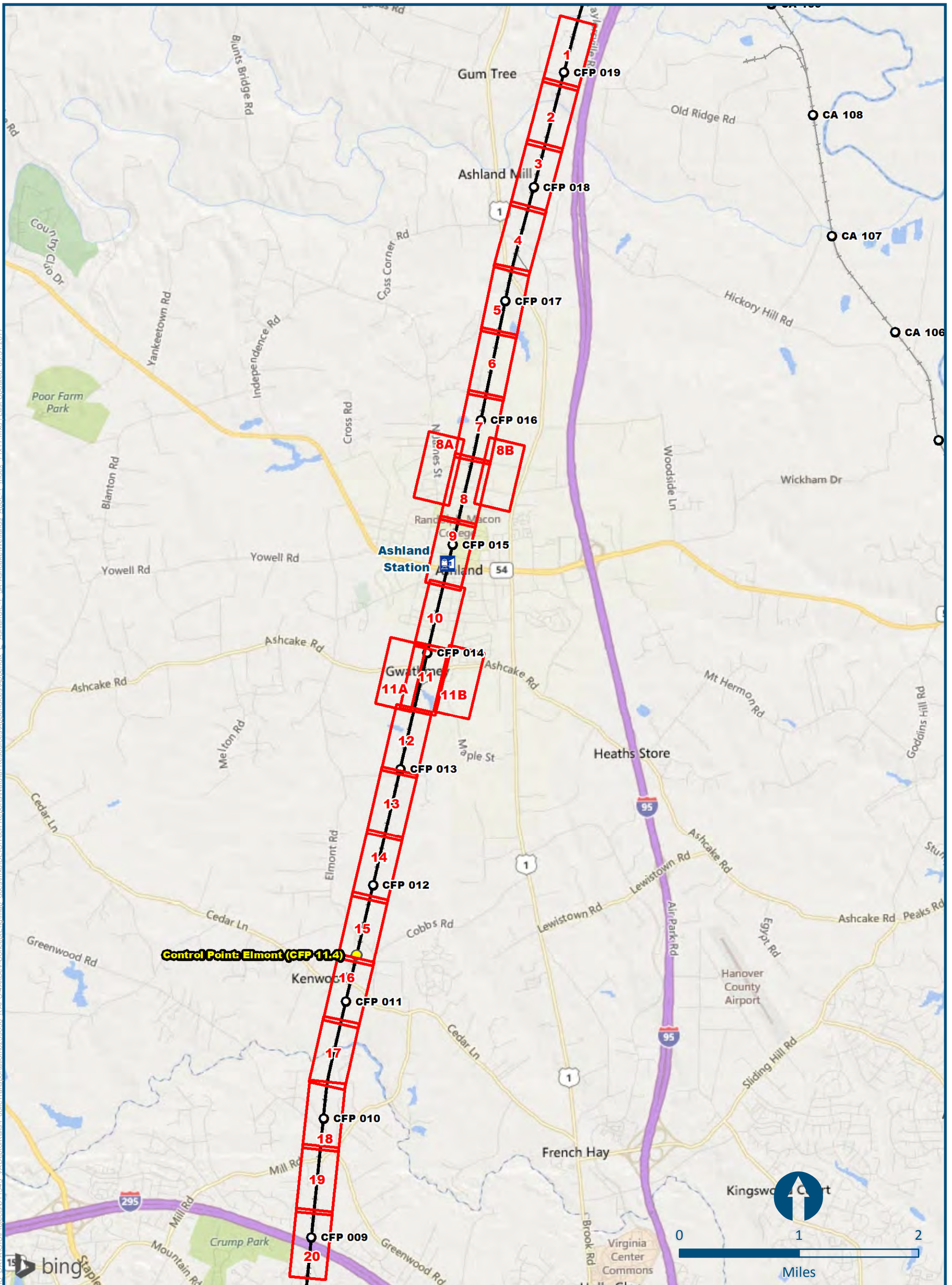
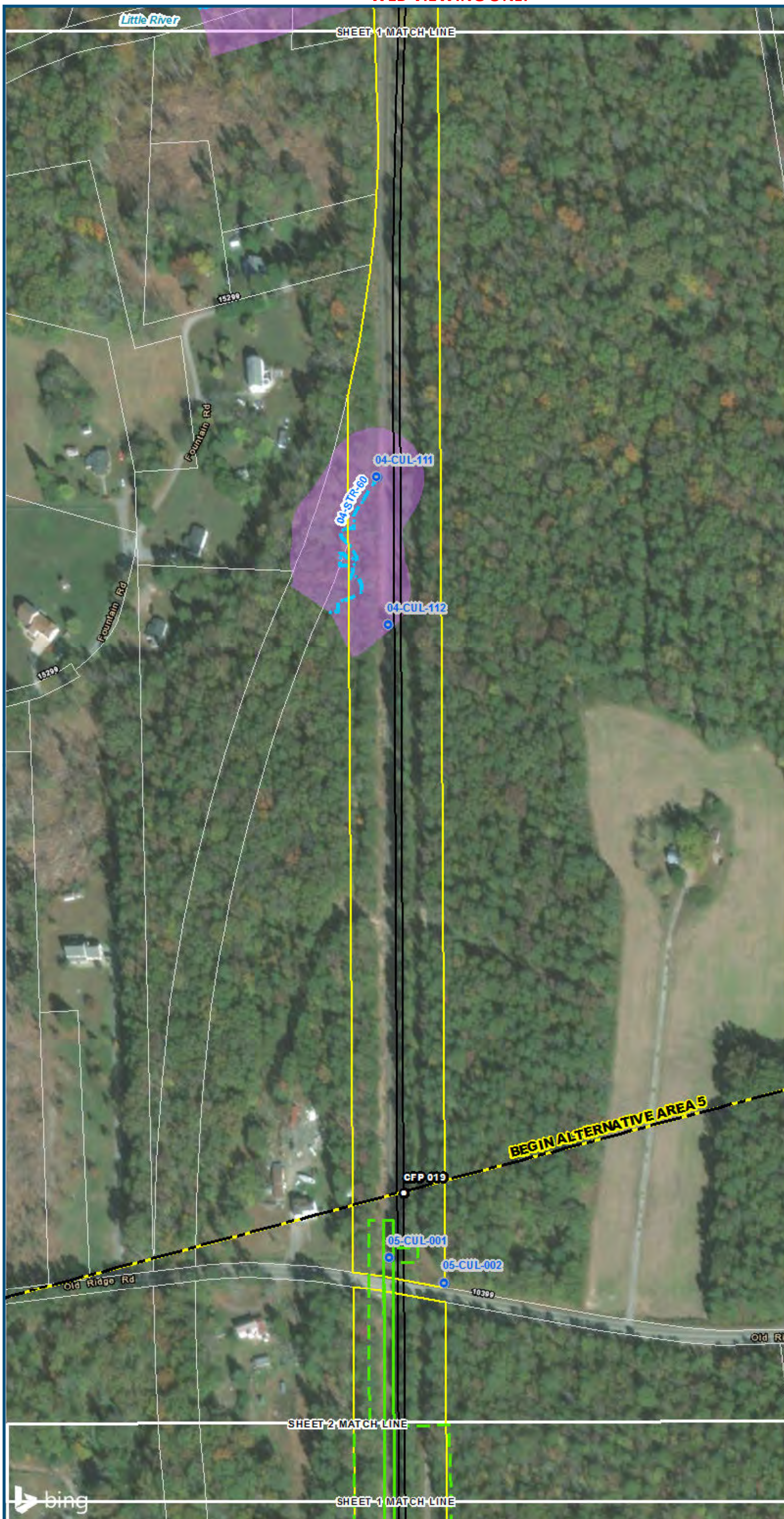


Appendix E-1: Build Alternatives 5A, 5A–Ashcake Maintain Two Tracks Through Town, Index Sheet 1 of 1



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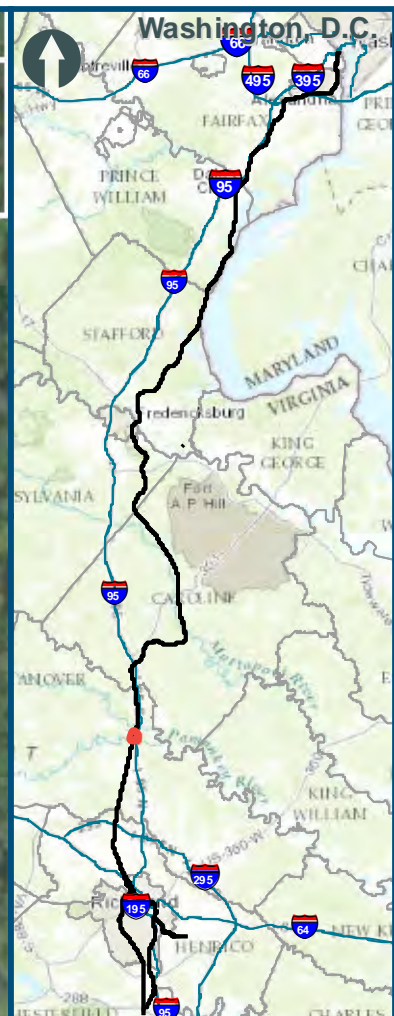
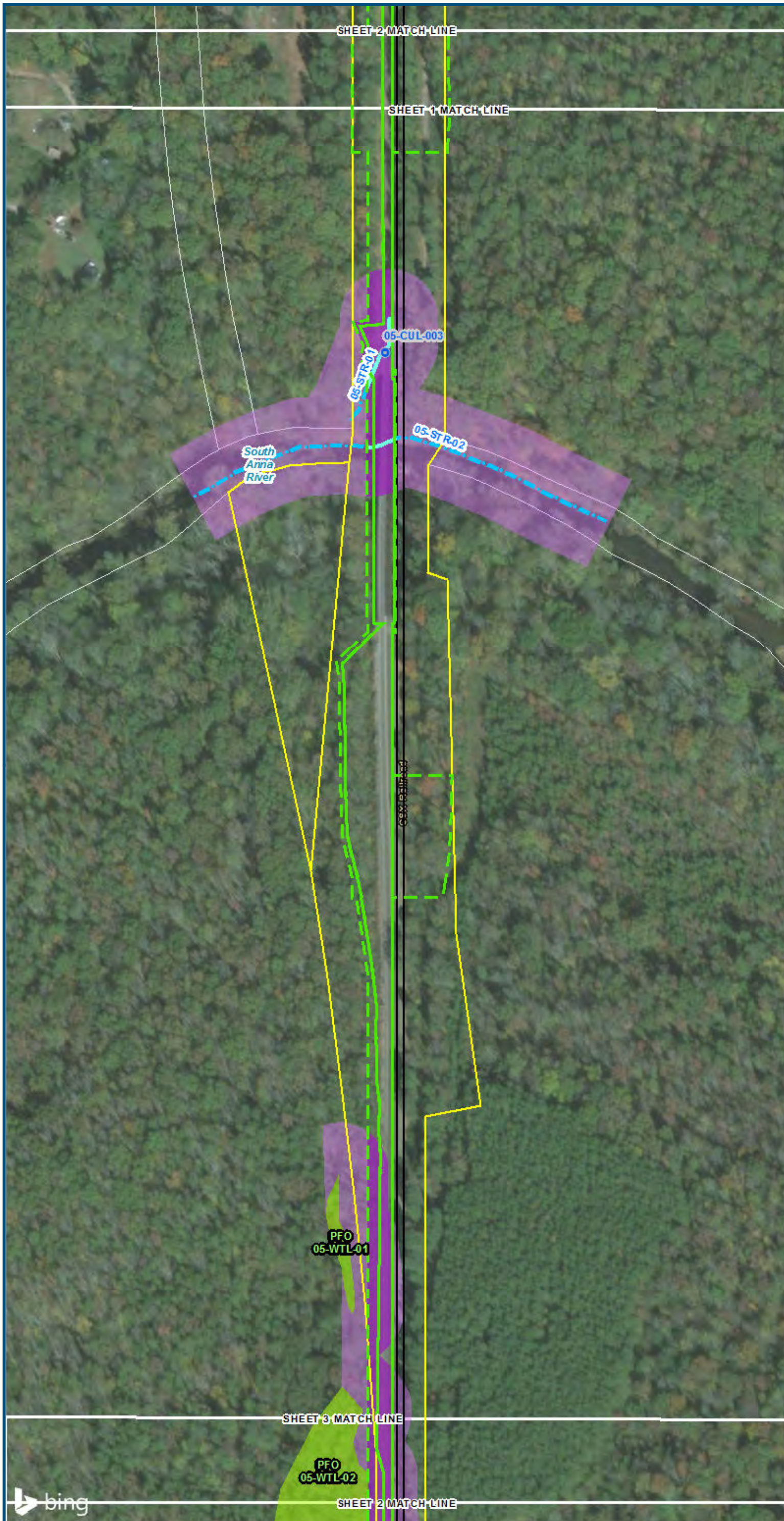
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 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery/Basemap Source: 2015 Bing
 Aerial Imagery; ESRI World Transportation

Legend

- Permanent Limits of Disturbance
- Temporary Limits of Disturbance
- CSXT Mileposts
- Track - Existing
- Stations
- Proposed Stations
- Culverts
- Delineated Stream Impacts
- Delineated Streams
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- Resource Protection Area Impacts
- Impaired Waters
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- City/County Parcels
- City/County Boundary

Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)

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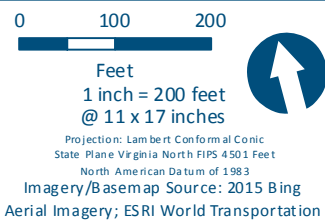
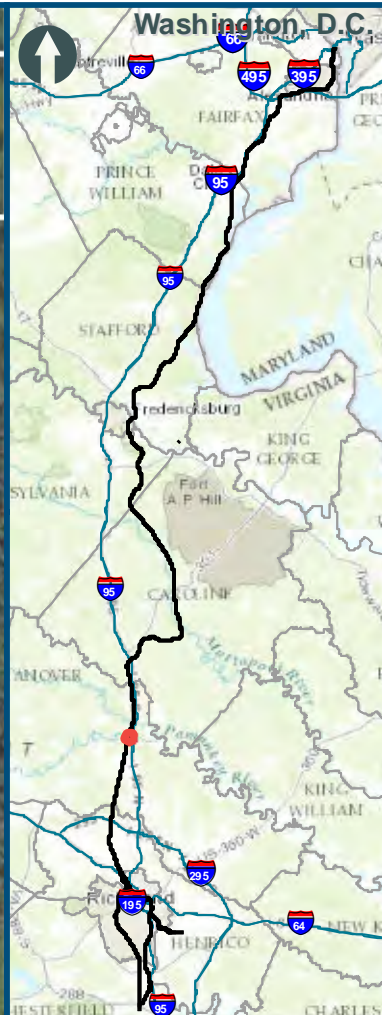


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 North American Datum of 1983
 Imagery/Basemap Source: 2015 Bing
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Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)

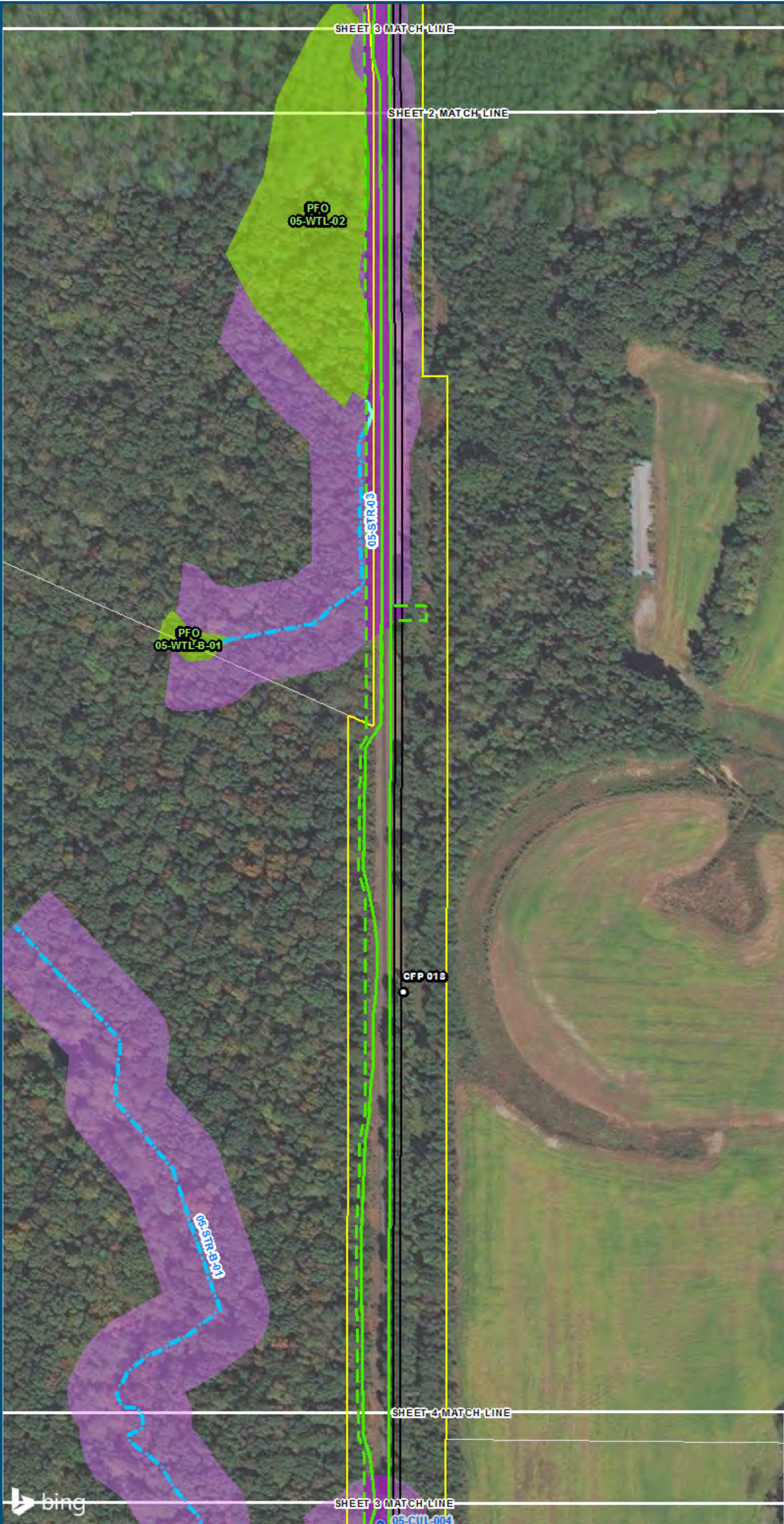
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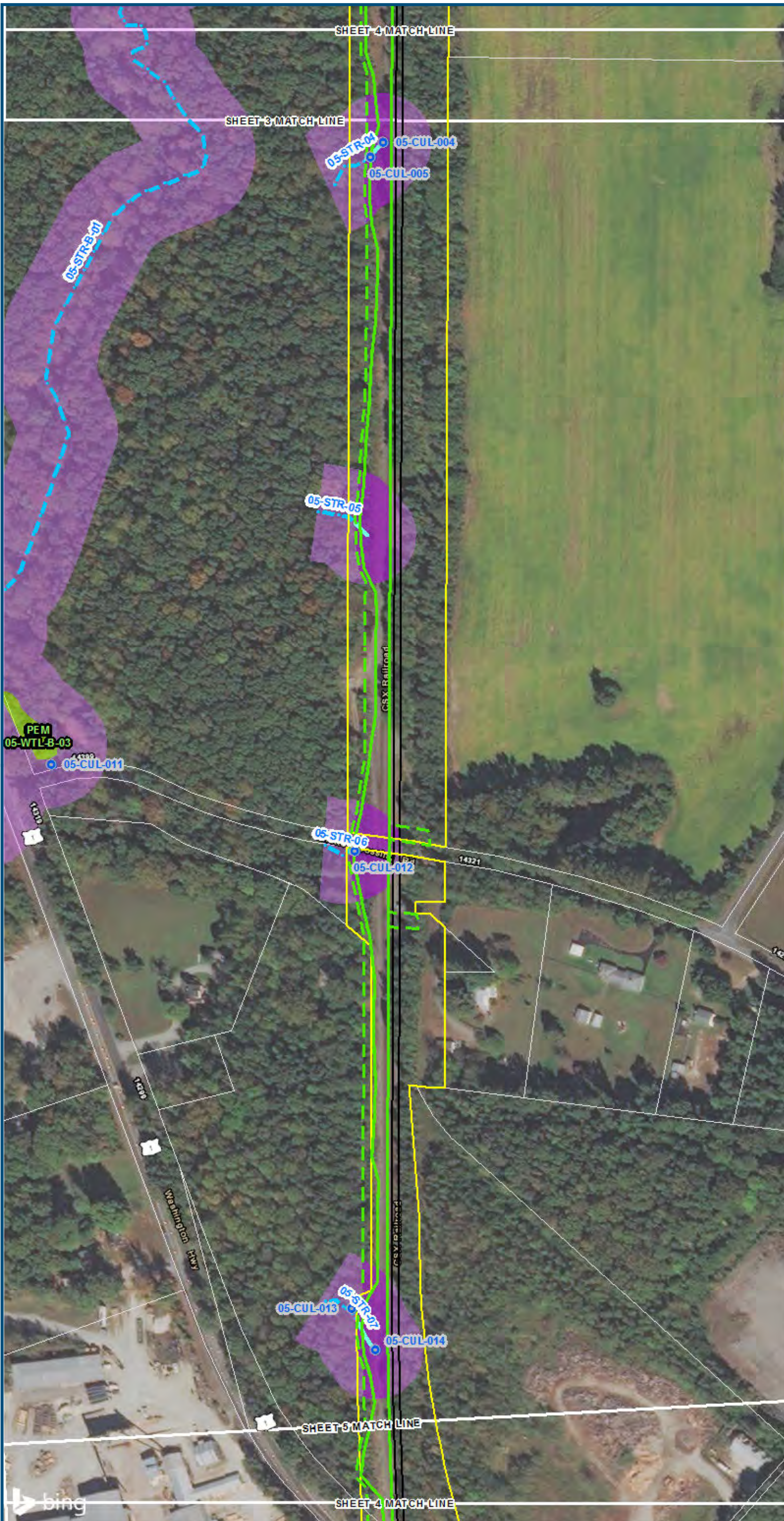
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**Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)**



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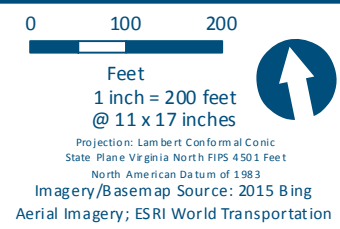
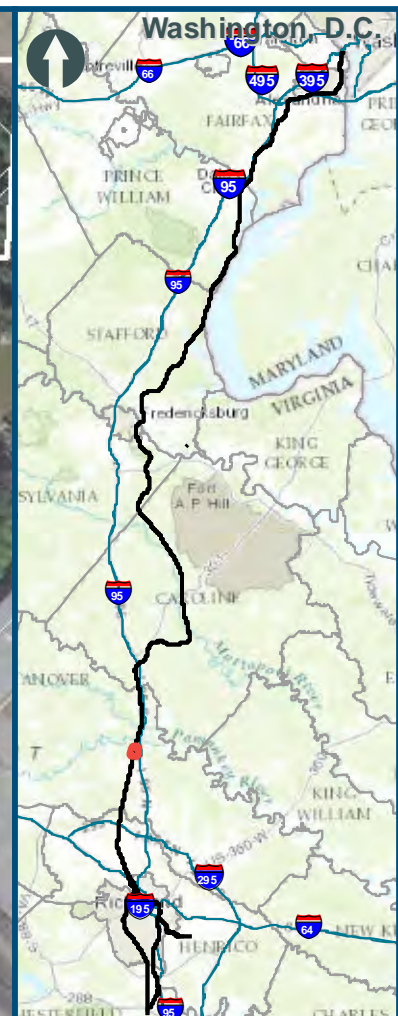
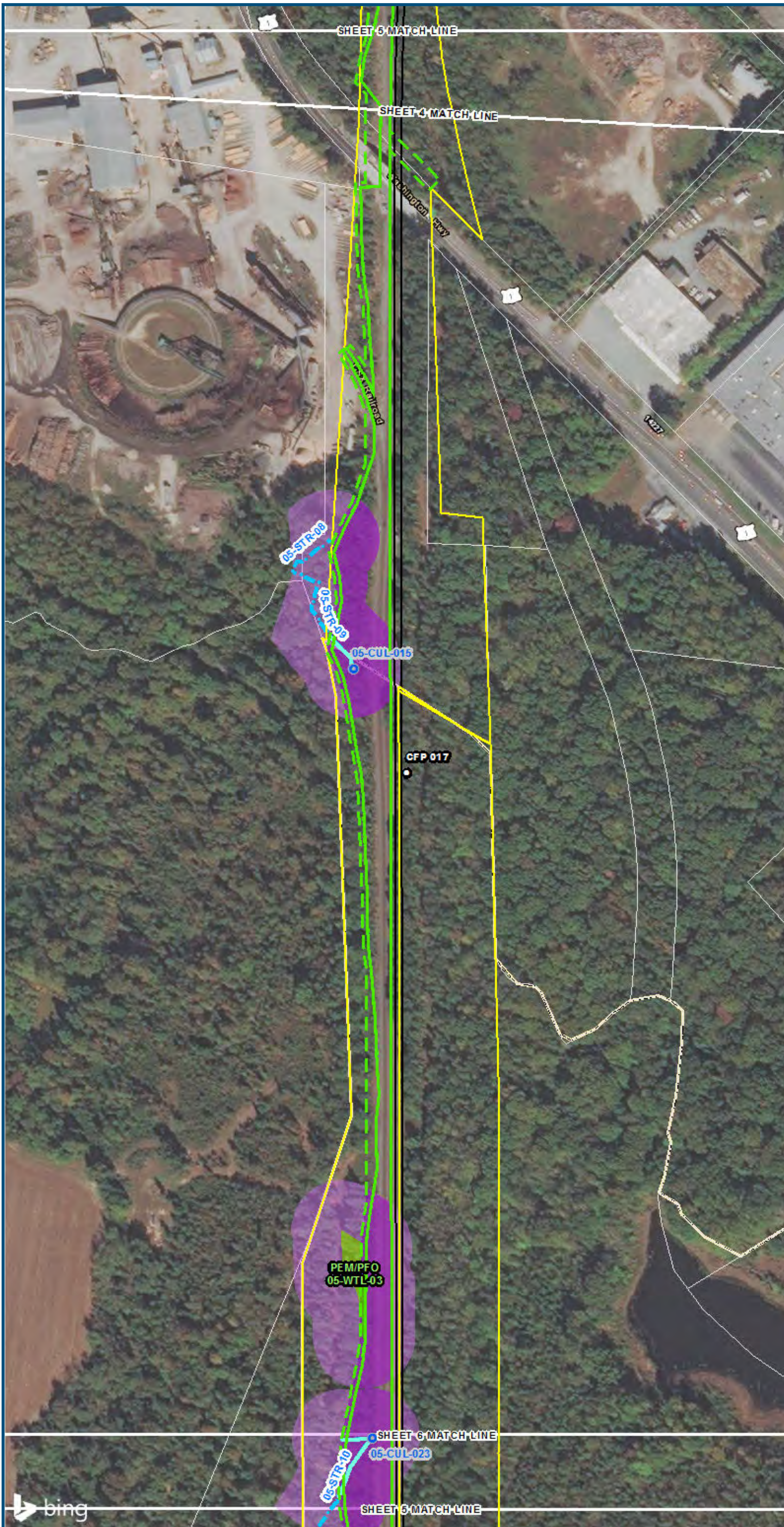
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 Imagery/Basemap Source: 2015 Bing
 Aerial Imagery; ESRI World Transportation

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Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)

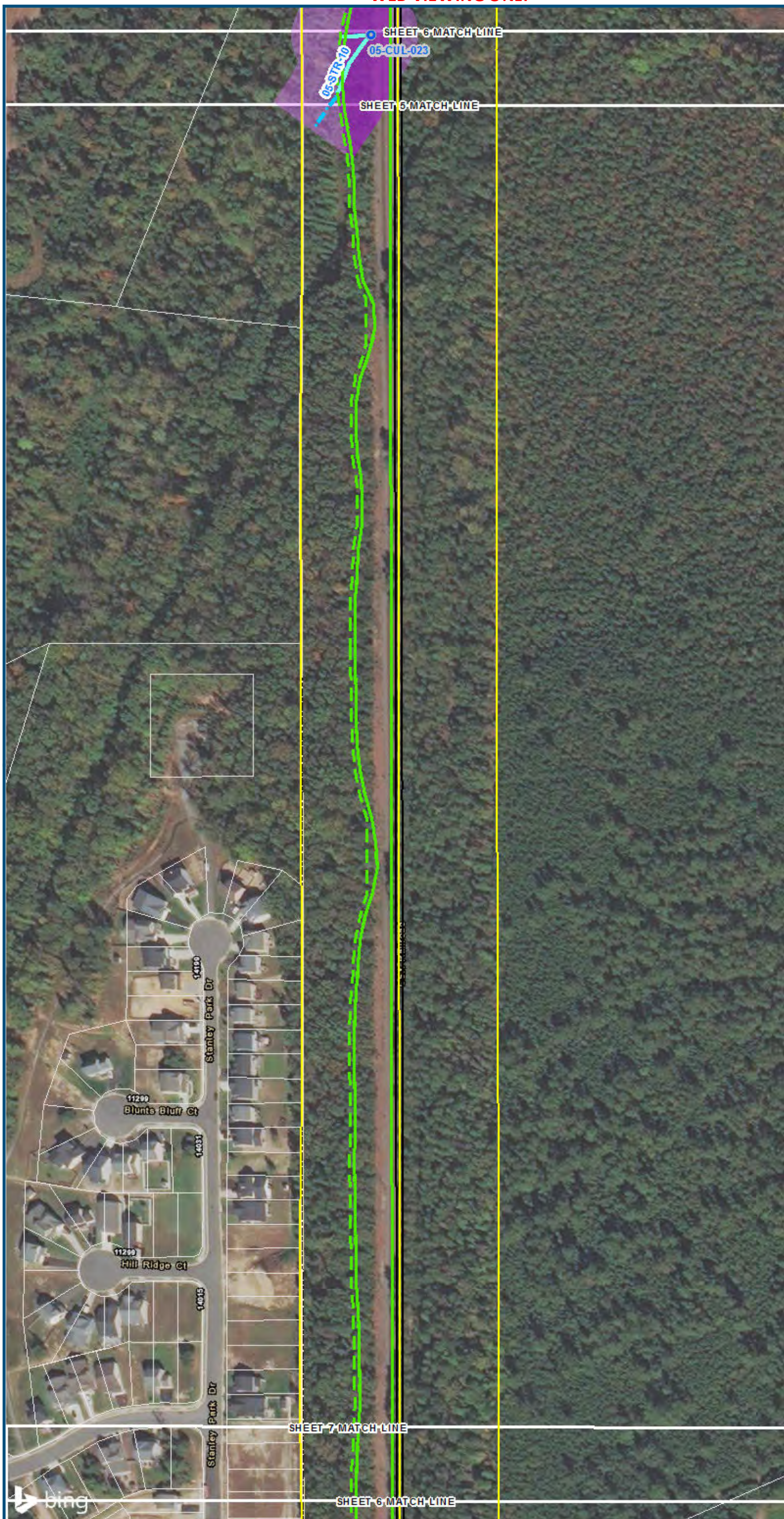
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- Legend**
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**Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)**

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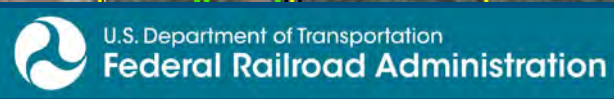
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 North American Datum of 1983
 Imagery/Basemap Source: 2015 Bing
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(Virginia Department of Environmental Quality)
- Impaired Waters
- CSXT ROW (County Parcel Data)
- City/County Parcels
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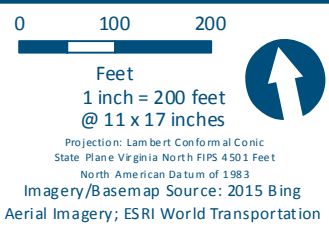
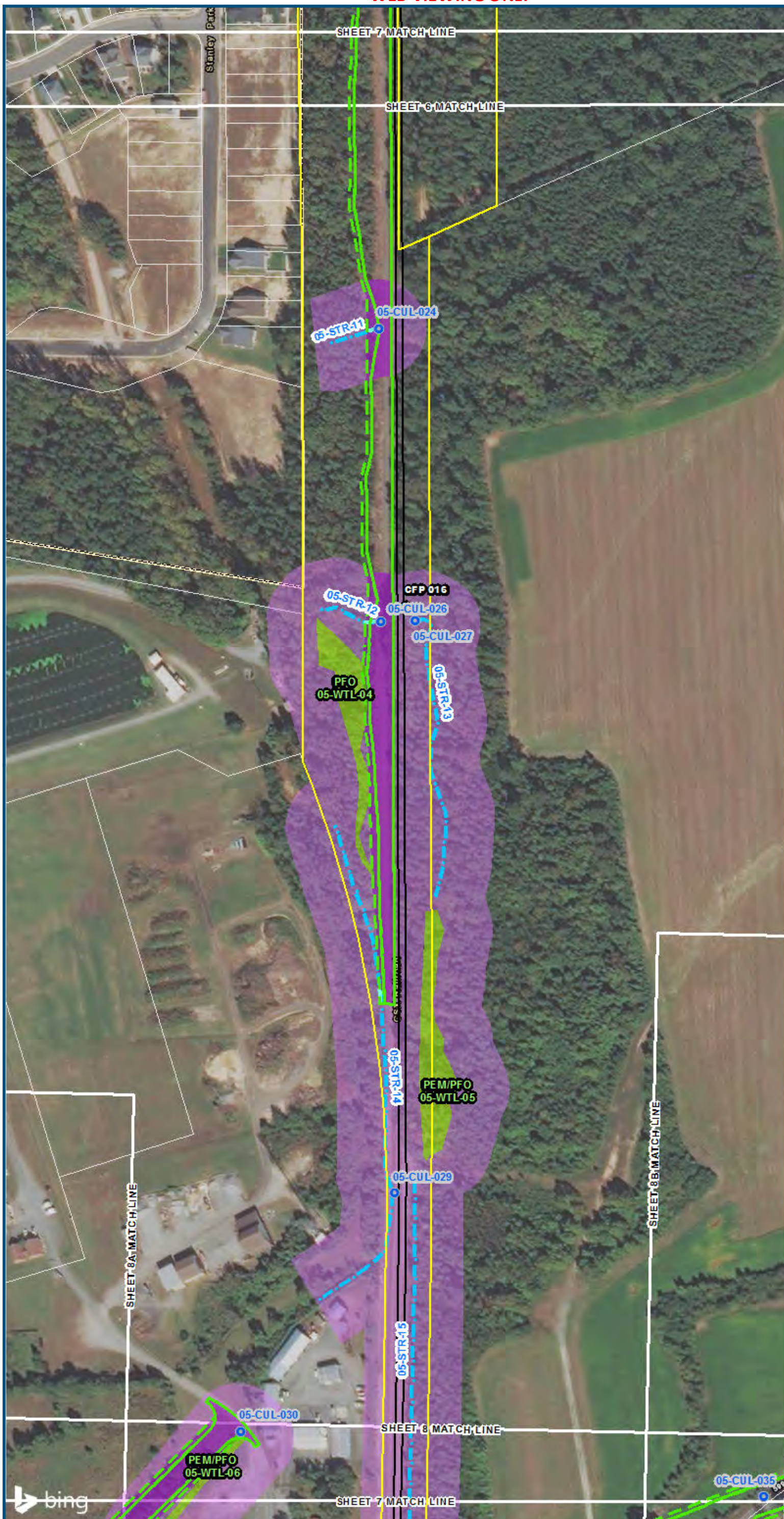
Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)

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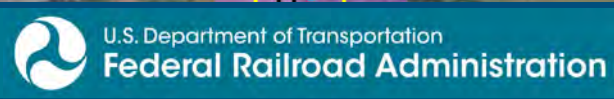




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 - ▭ City/County Parcels
 - ▭ City/County Boundary
- (Virginia Department of Environmental Quality)

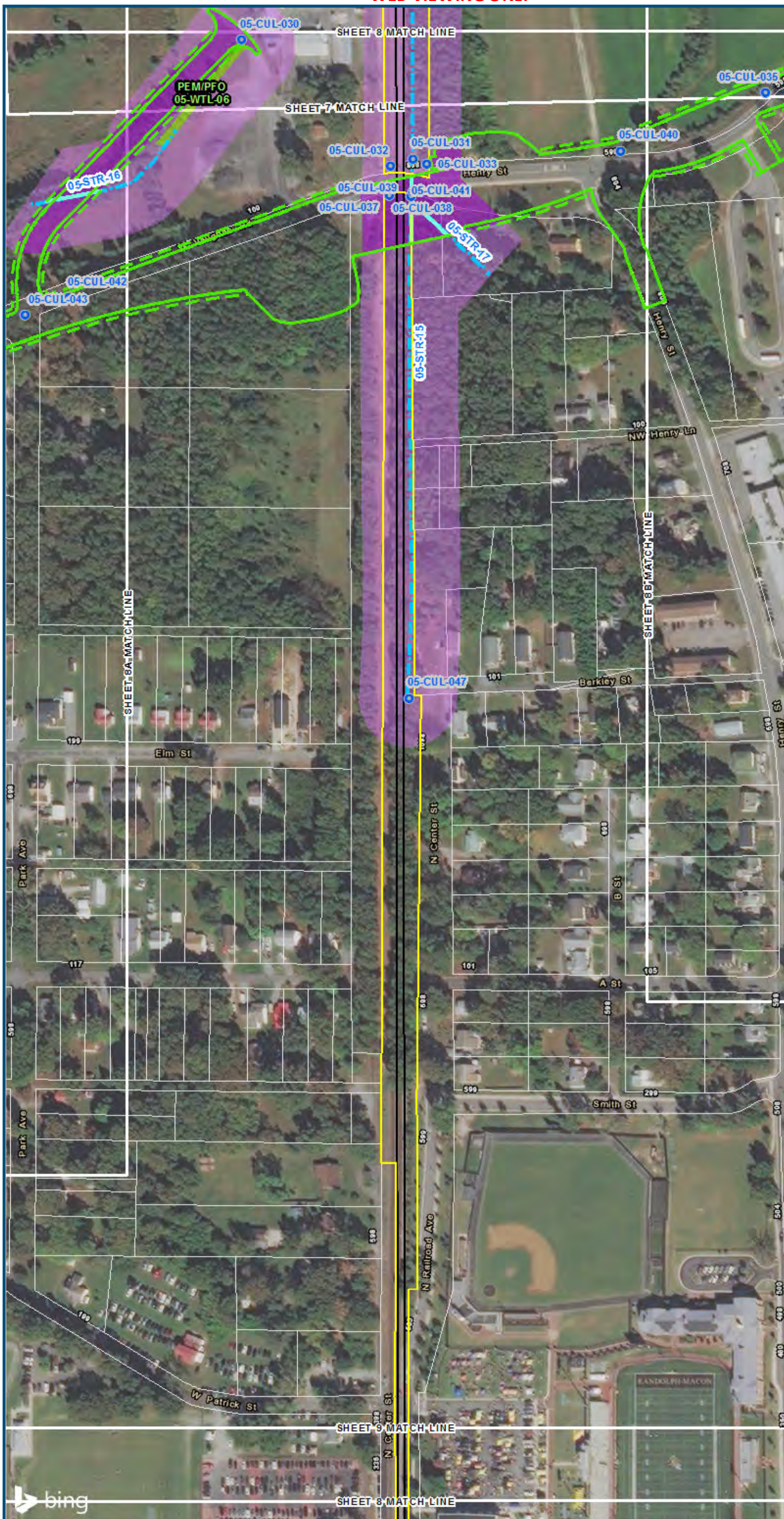
**Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)**

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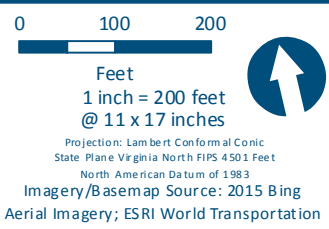
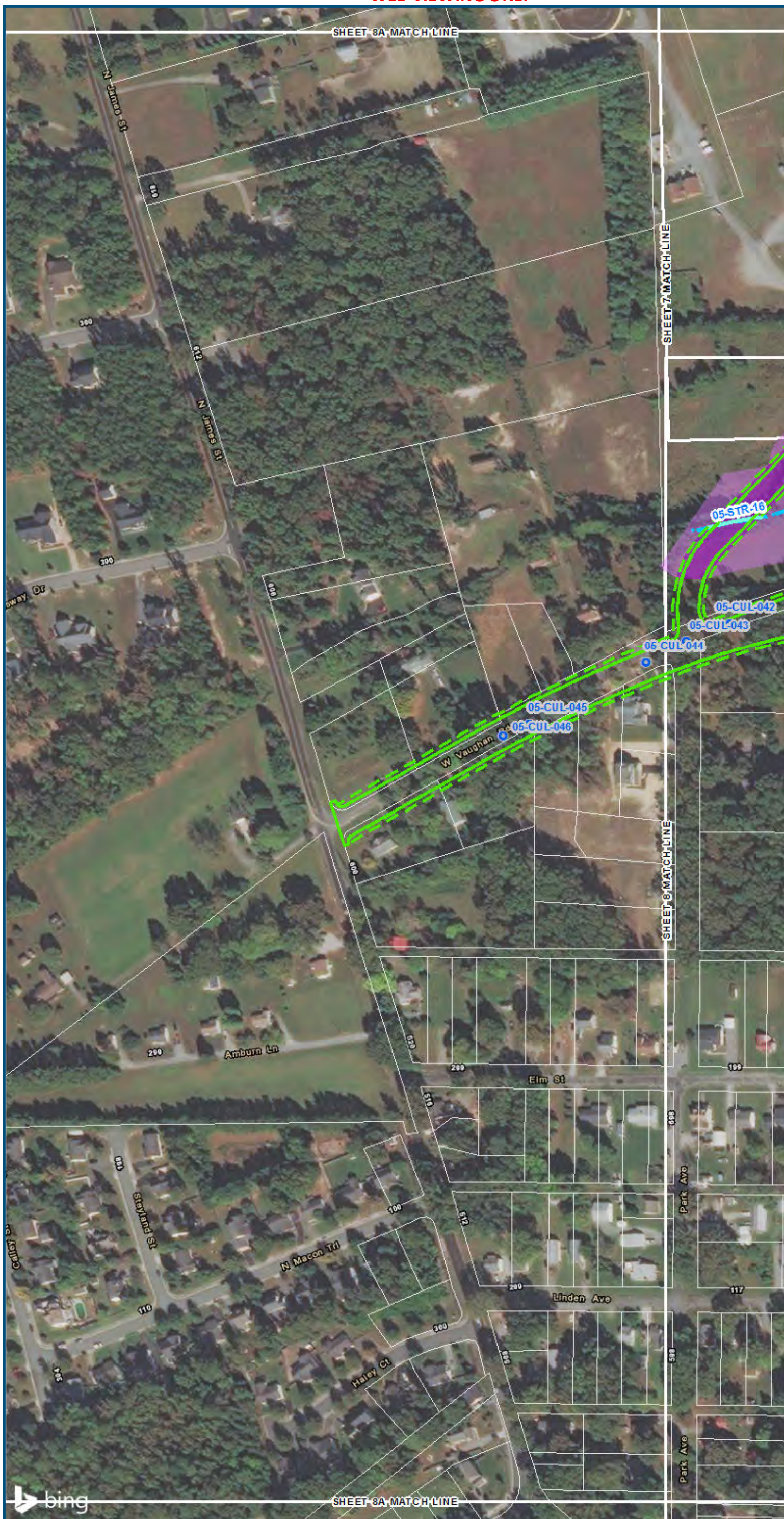


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 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery/Basemap Source: 2015 Bing
 Aerial Imagery; ESRI World Transportation

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 - City/County Boundary
- (Virginia Department of Environmental Quality)*

**Mapbook E-1
 Potential Impacts to
 Wetlands and Streams
 Build Alternative 5A
 Ashland
 Maintain Two Tracks
 Through Town
 (850-ft Platforms)**

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- (Virginia Department of Environmental Quality)*

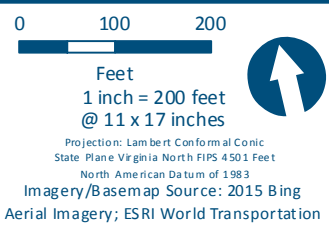
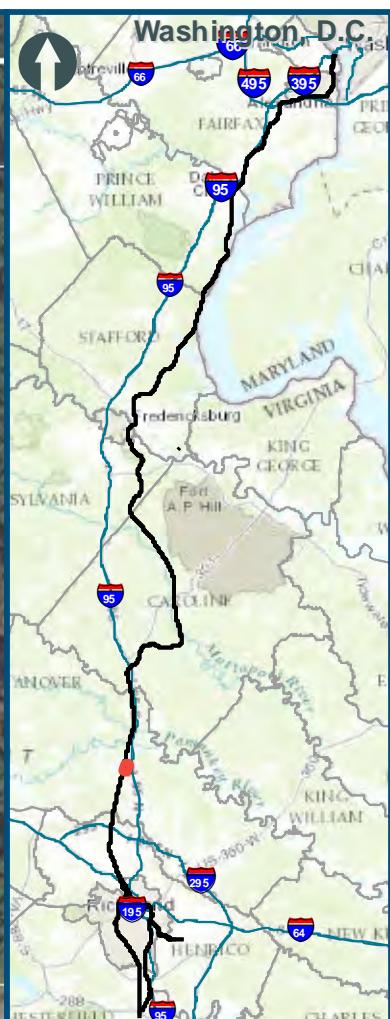
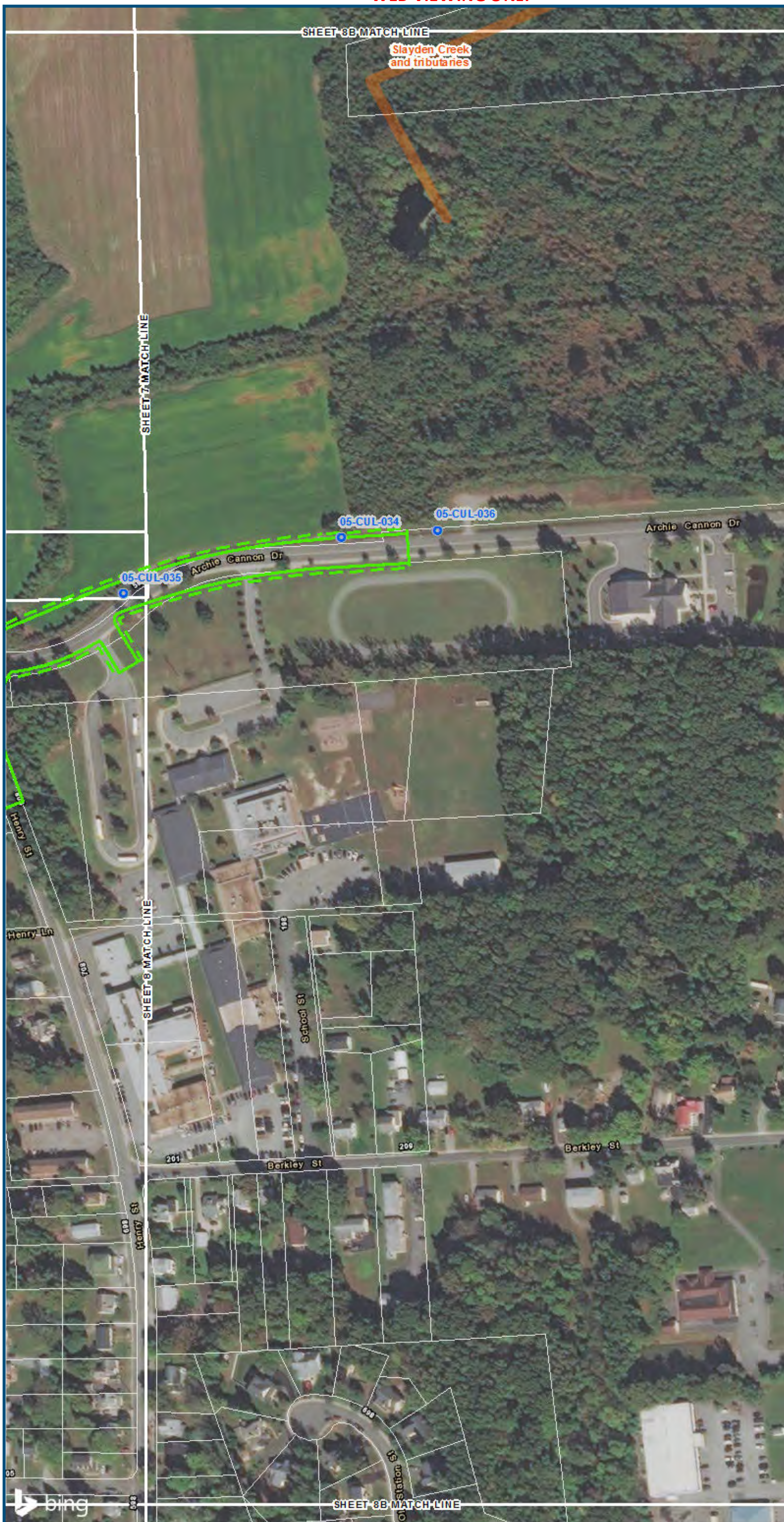
**Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)**



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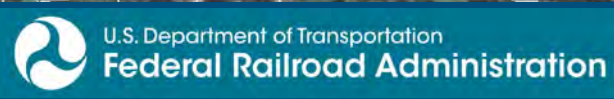
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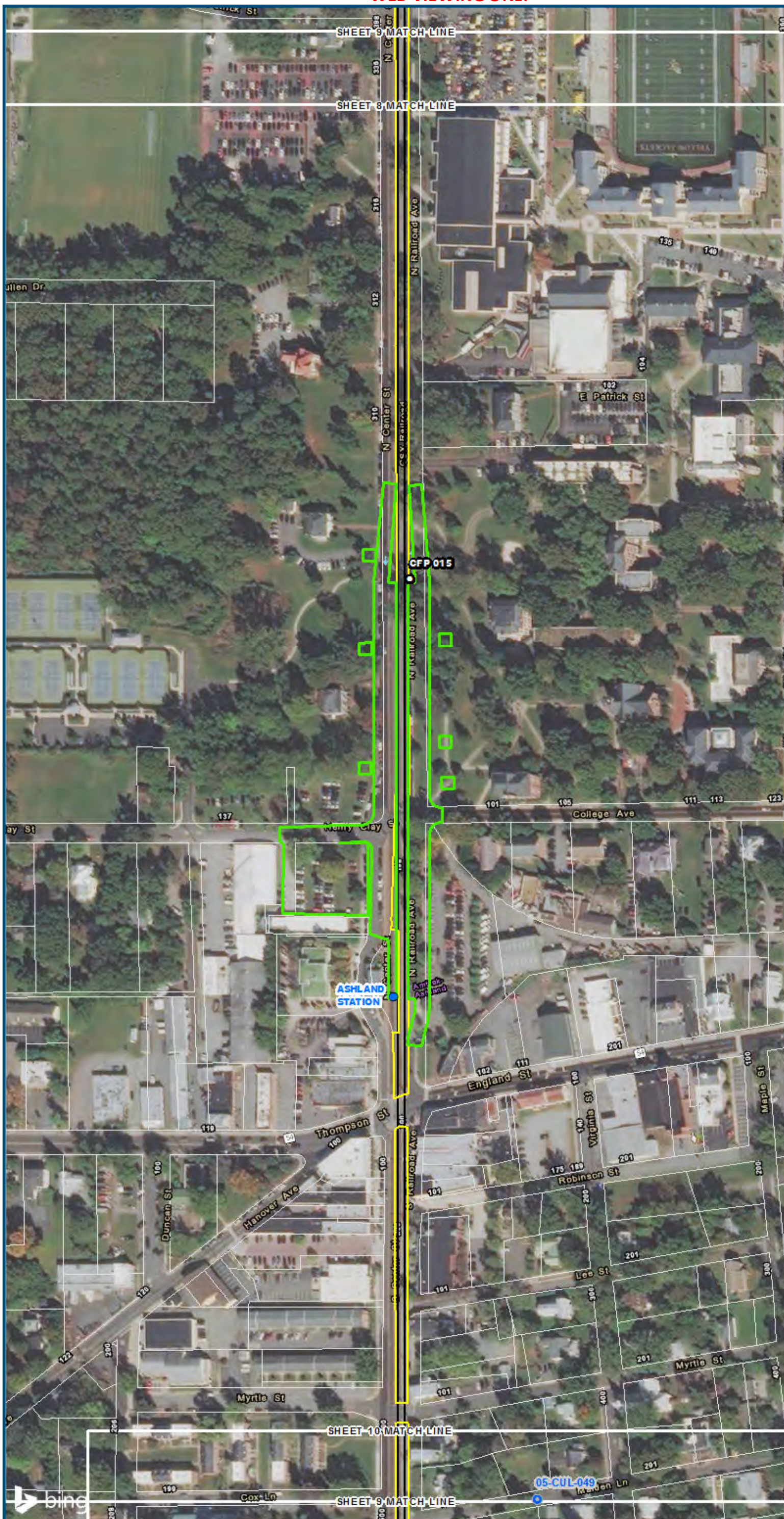
Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)

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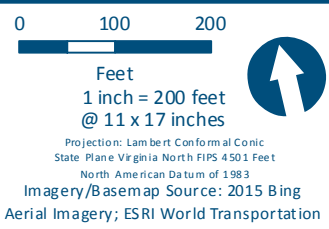
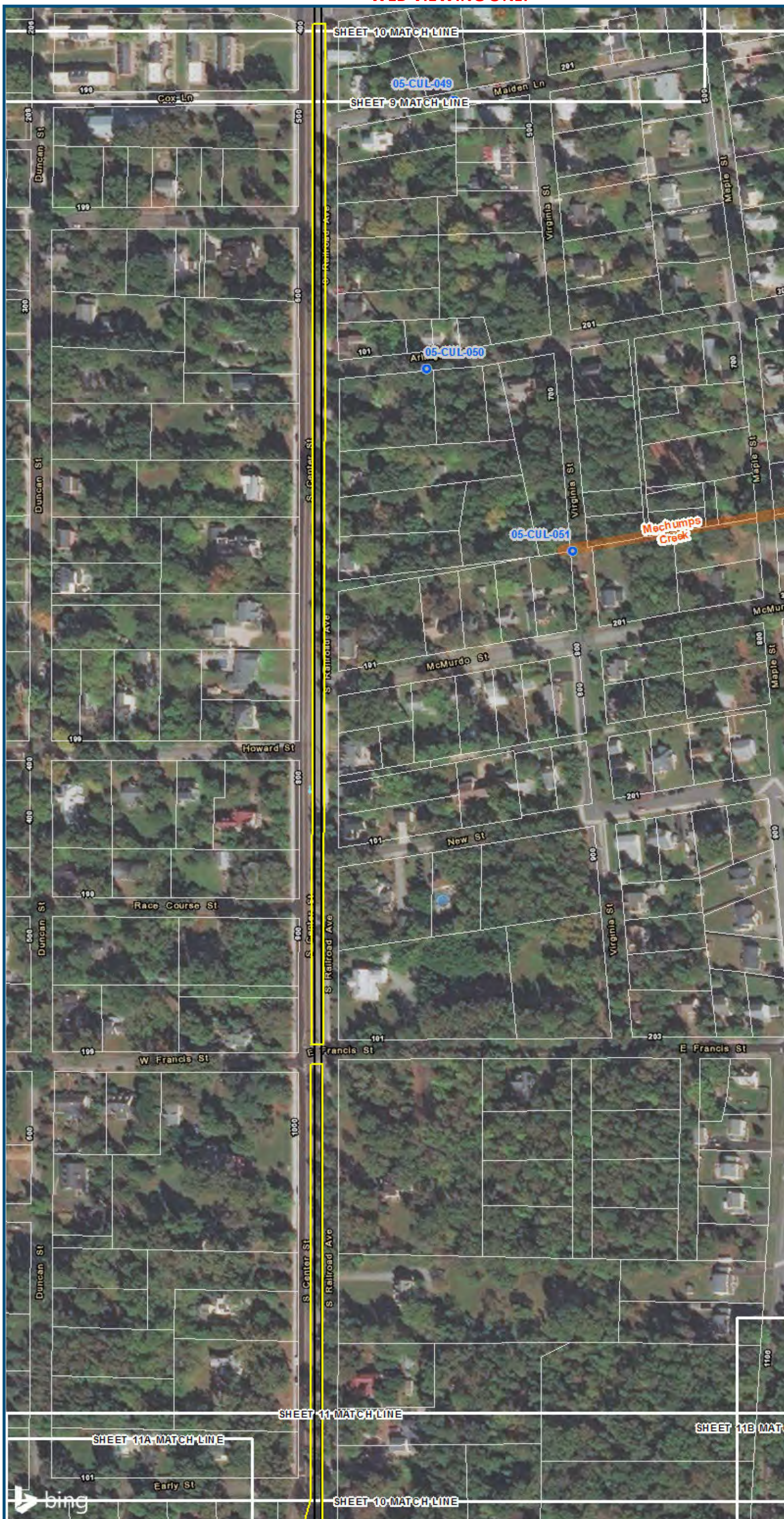
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 Imagery/Basemap Source: 2015 Bing
 Aerial Imagery; ESRI World Transportation

Legend

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Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)

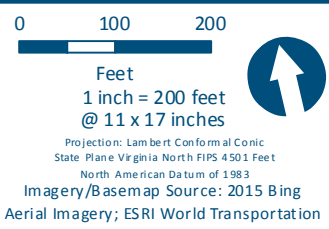
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**Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)**

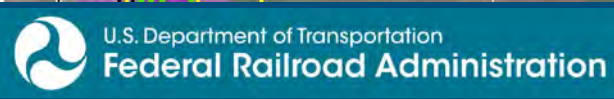
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Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)

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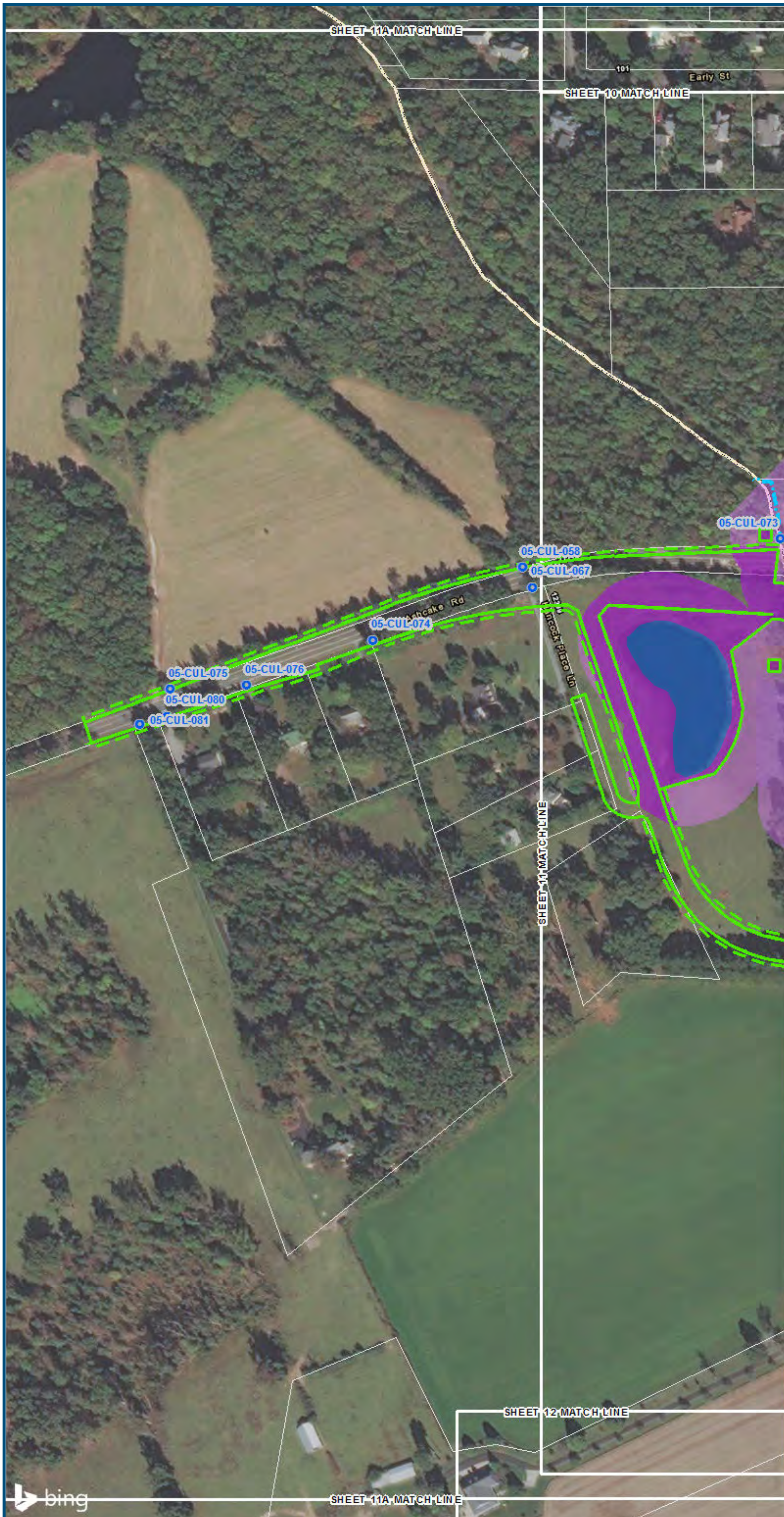


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**Mapbook E-1
 Potential Impacts to
 Wetlands and Streams
 Build Alternative
 5A-Ashcake
 Maintain Two Tracks
 Through Town
 (Relocation Station to
 Ashcake)**

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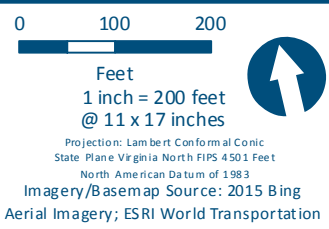
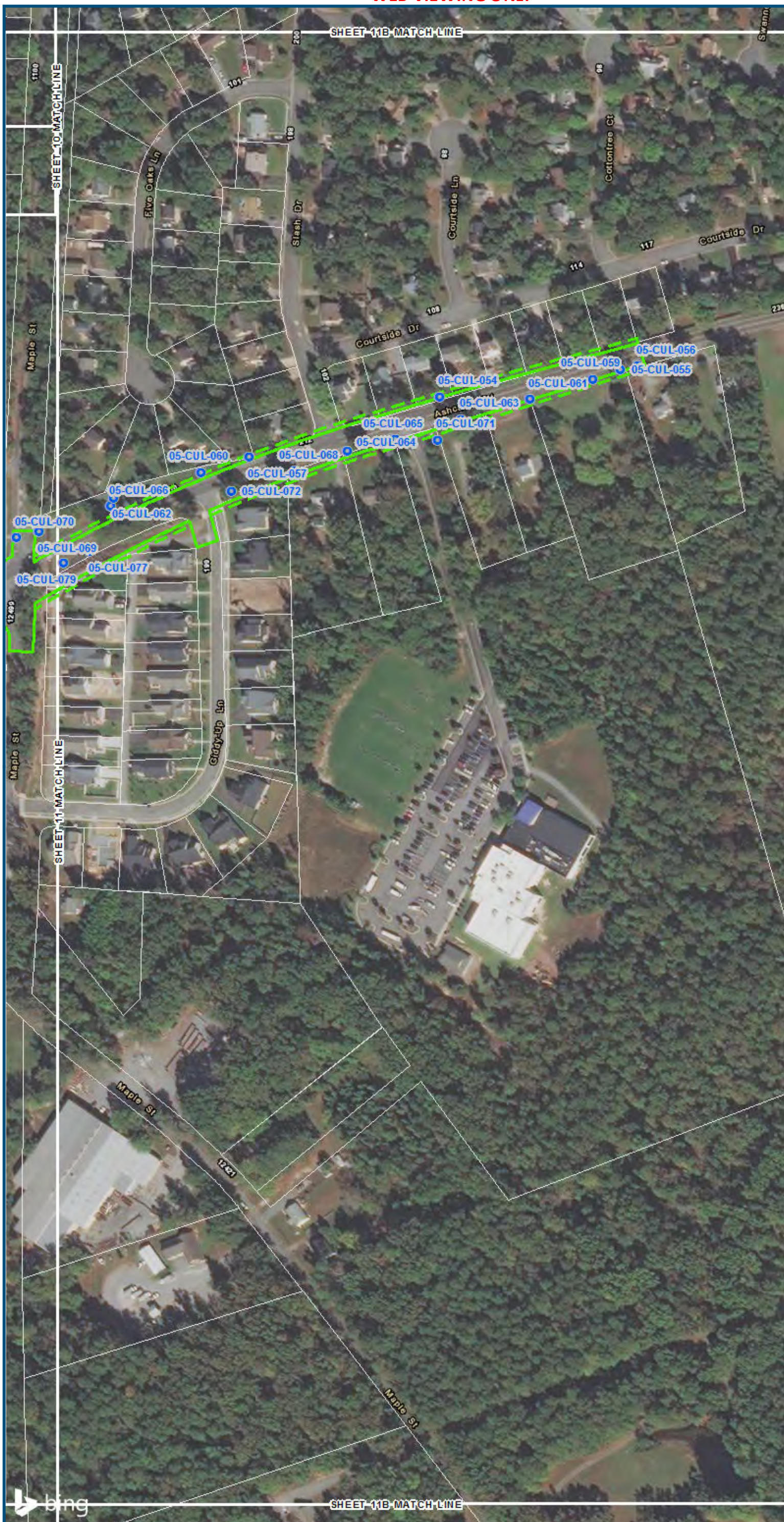
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Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)



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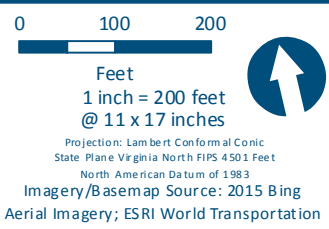
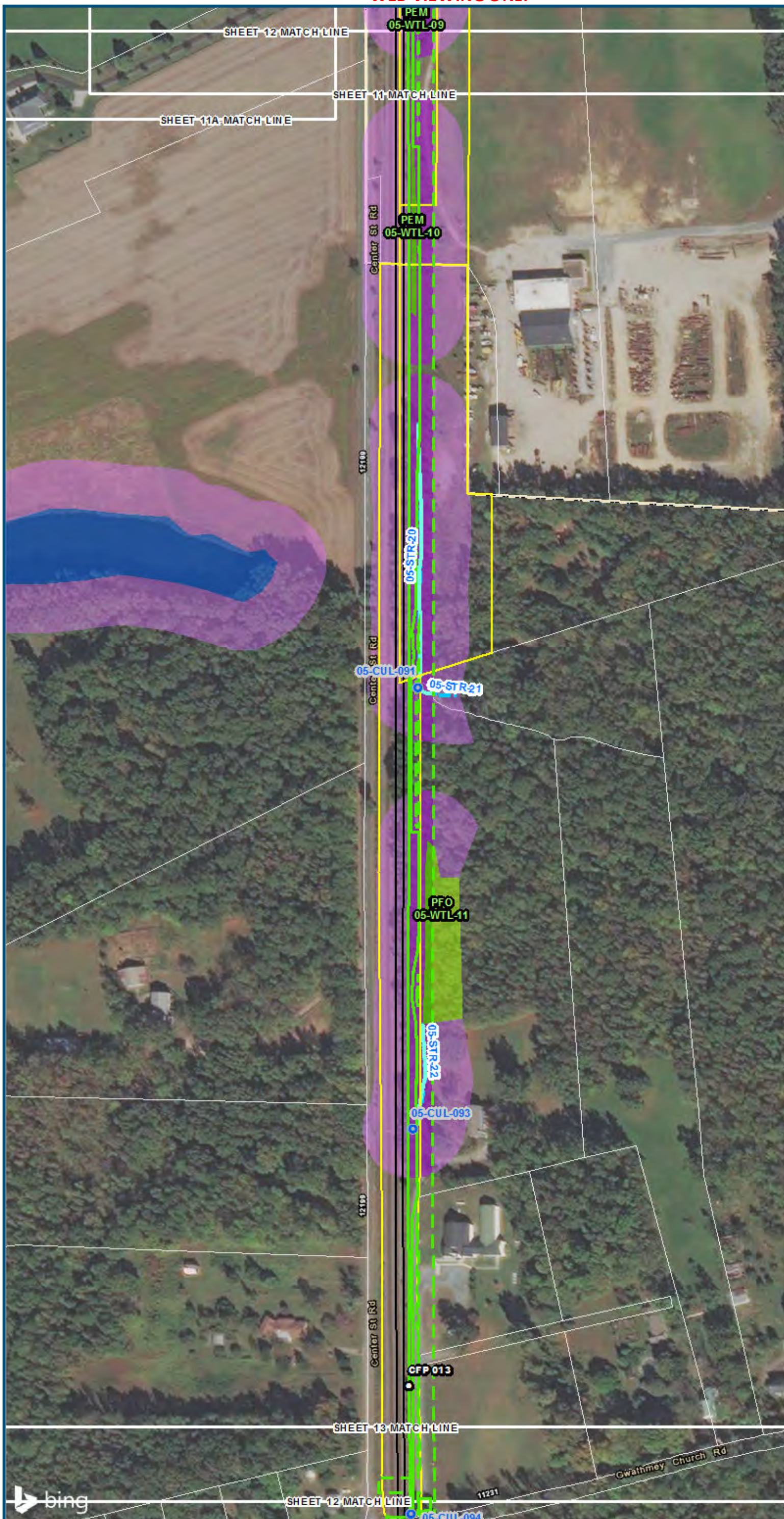




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 - Temporary Limits of Disturbance
 - CSXT Mileposts
 - Track - Existing
 - Stations
 - Proposed Stations
 - Culverts
 - Delineated Stream Impacts
 - Delineated Streams
 - Major River Impacts
 - Waterbodies
 - Delineated Wetlands
 - Delineated Wetland Impacts
 - Resource Protection Areas
 - Resource Protection Area Impacts
 - Impaired Waters
 - CSXT ROW (County Parcel Data)
 - City/County Parcels
 - City/County Boundary

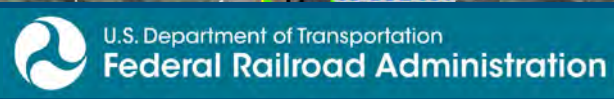
**Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)**

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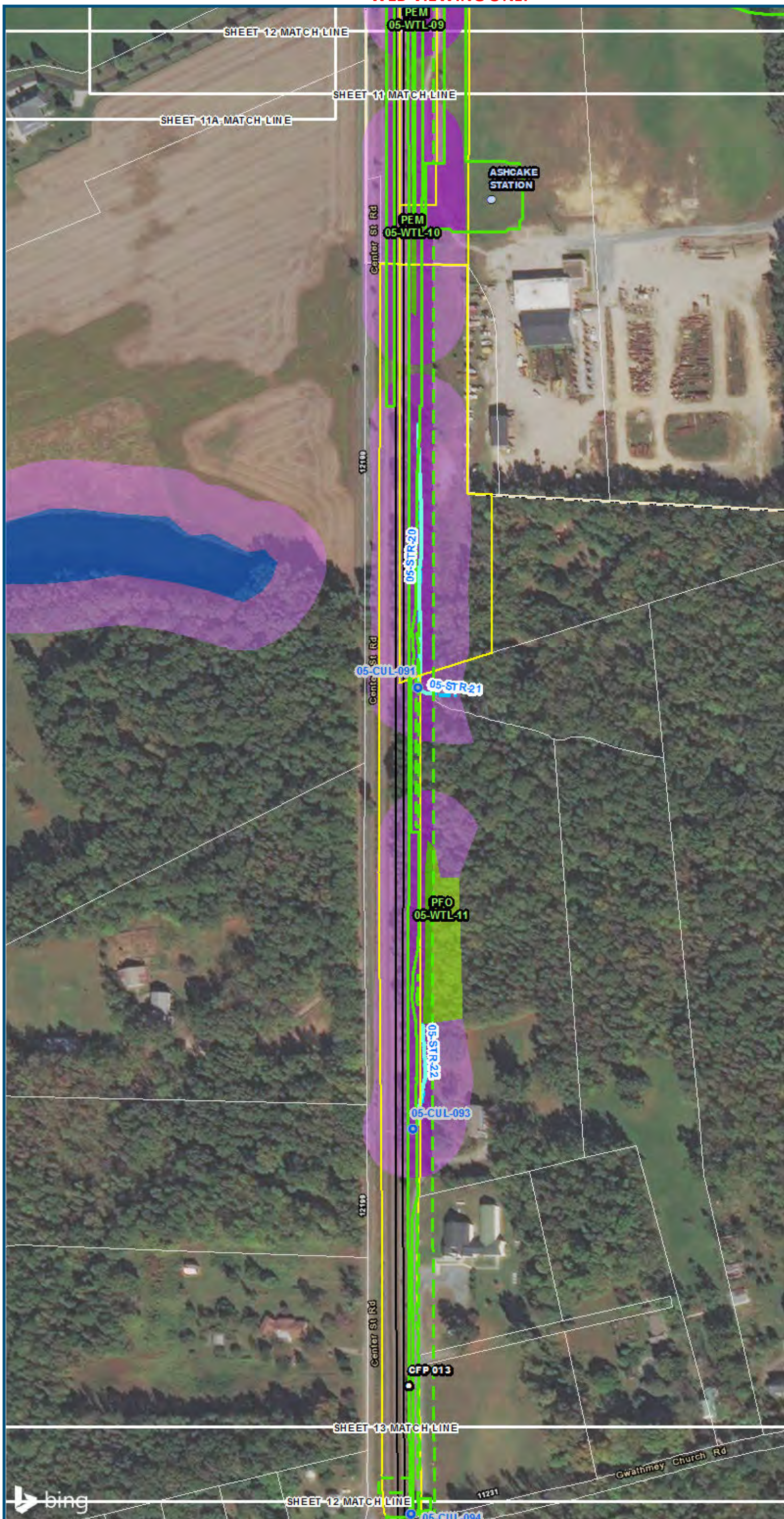
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 - Temporary Limits of Disturbance
 - CSXT Mileposts
 - Track - Existing
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**Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)**



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WEB VIEWING ONLY



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 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery/Basemap Source: 2015 Bing
 Aerial Imagery; ESRI World Transportation

Legend

- ▭ Permanent Limits of Disturbance
- ▭ Temporary Limits of Disturbance
- CSXT Mileposts
- Track - Existing
- Stations
- Proposed Stations
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- Delineated Stream Impacts
- Delineated Streams
- Major River Impacts
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- Delineated Wetland Impacts
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- Resource Protection Area Impacts
(Virginia Department of Environmental Quality)
- Impaired Waters
- ▭ CSXT ROW (County Parcel Data)
- ▭ City/County Parcels
- ▭ City/County Boundary

**Mapbook E-1
 Potential Impacts to
 Wetlands and Streams
 Build Alternative
 5A-Ashcake
 Maintain Two Tracks
 Through Town
 (Relocation Station to
 Ashcake)**

Sheet 12 of 20

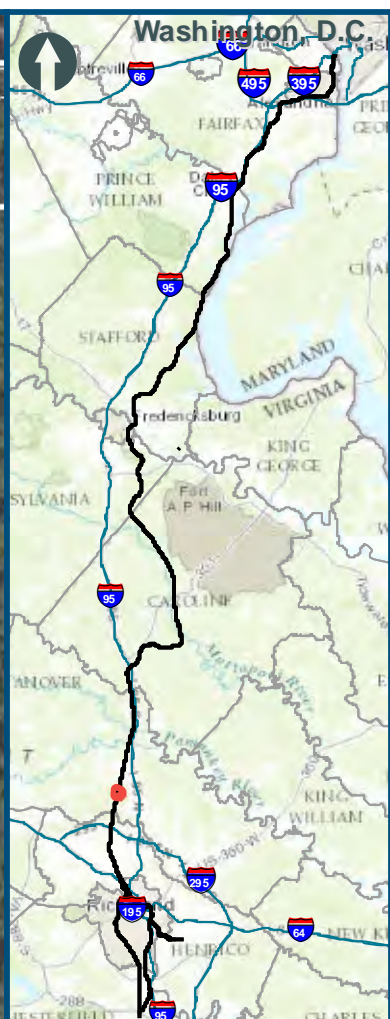
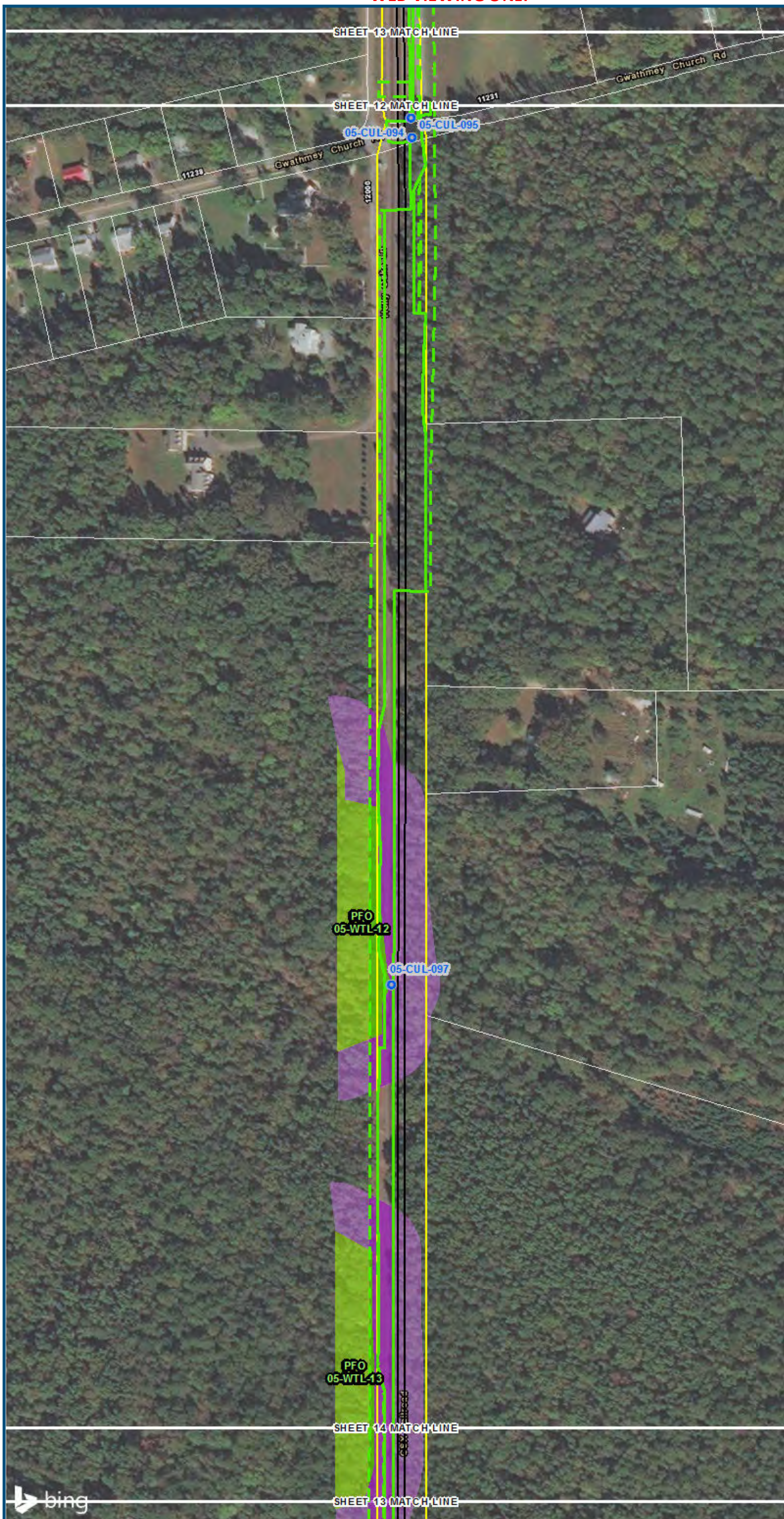


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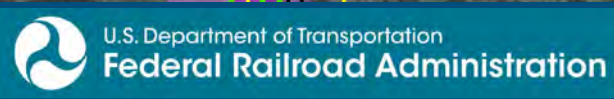
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 Imagery/Basemap Source: 2015 Bing
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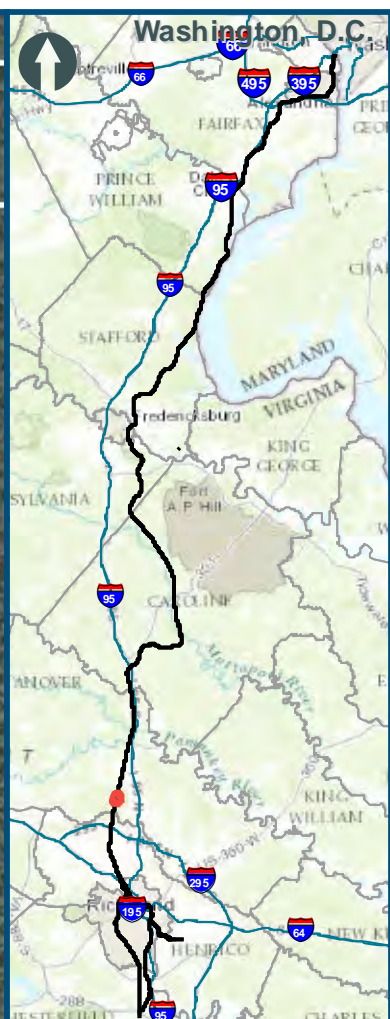
Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)



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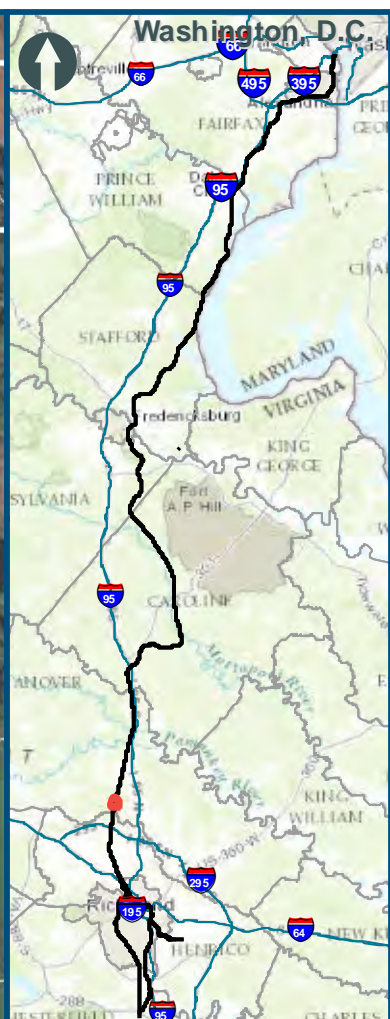
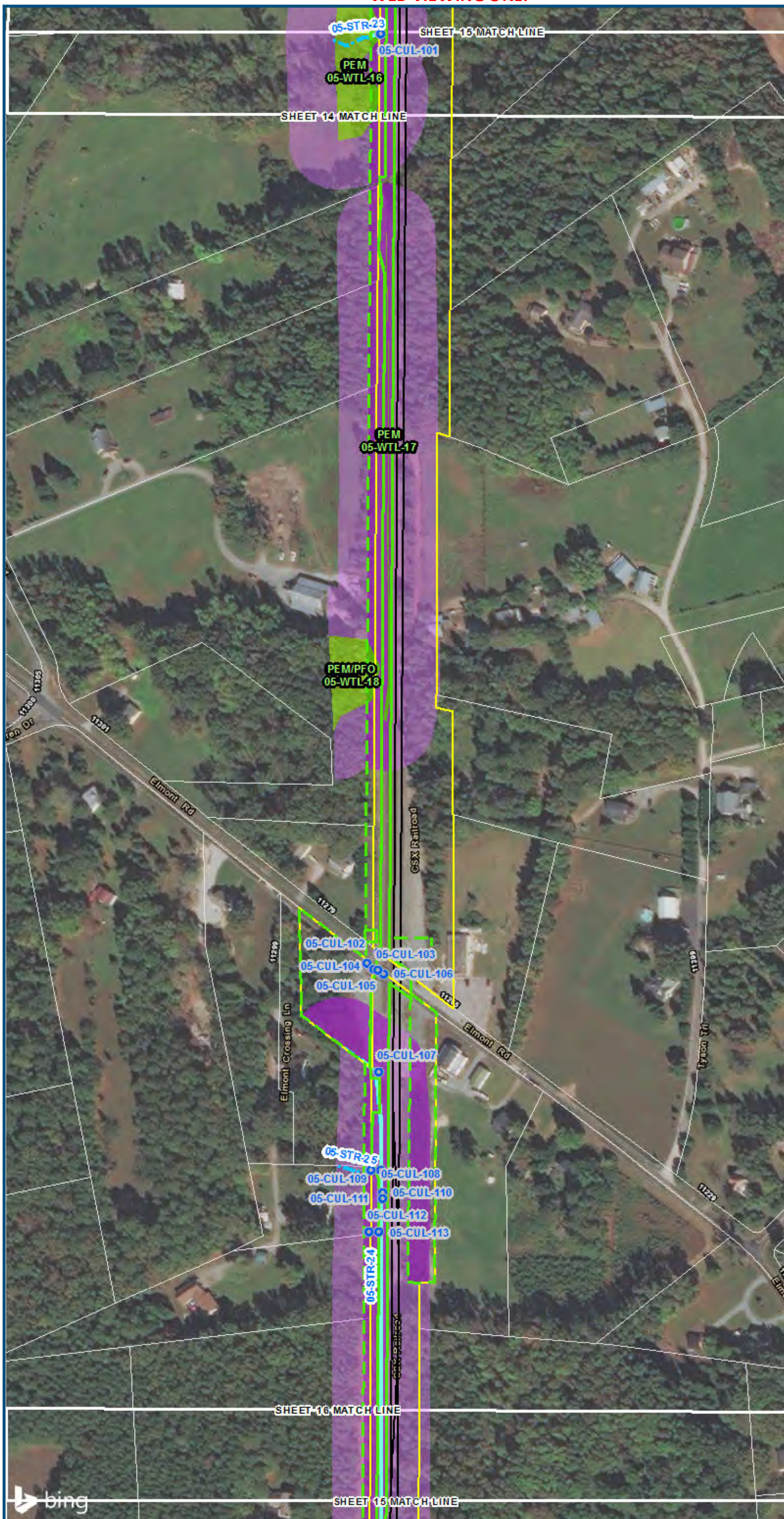


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Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)

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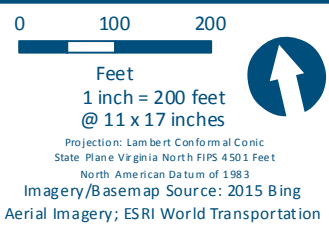
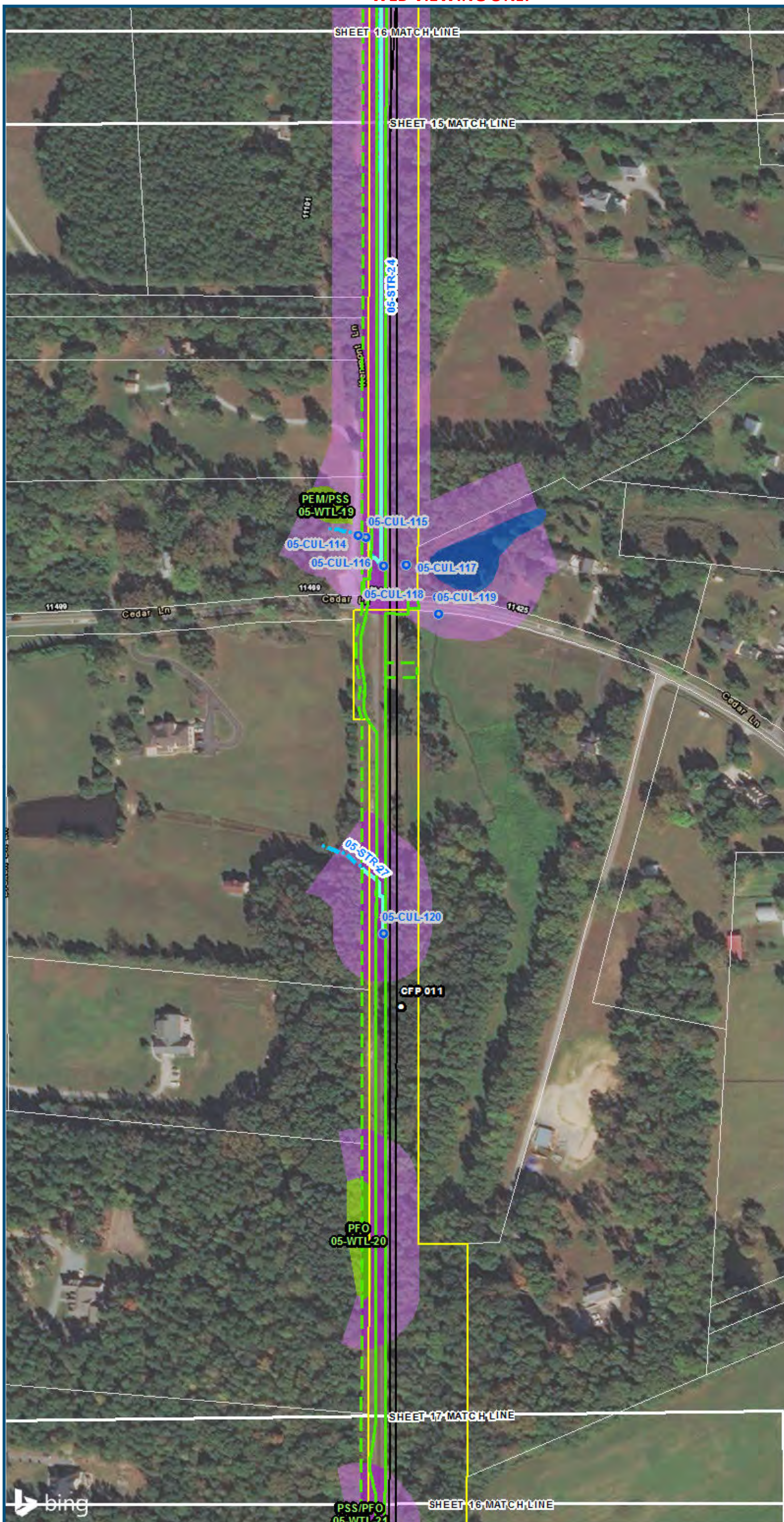
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Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)

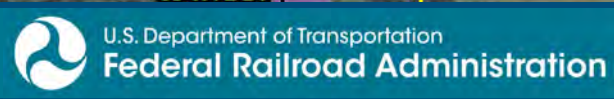
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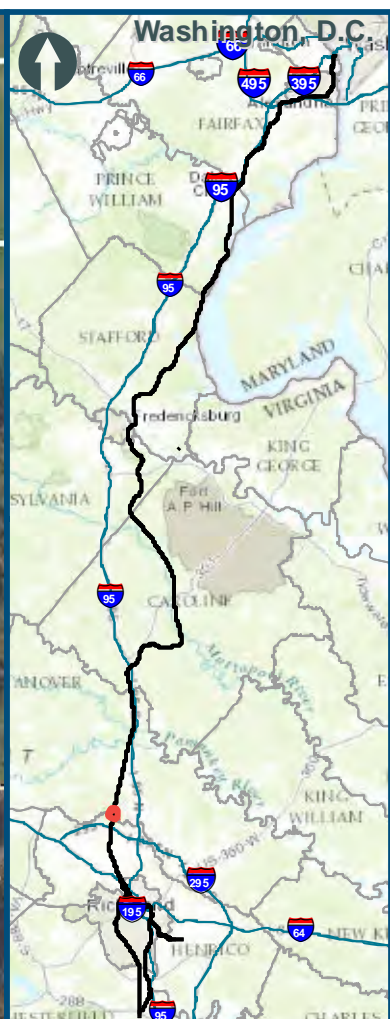
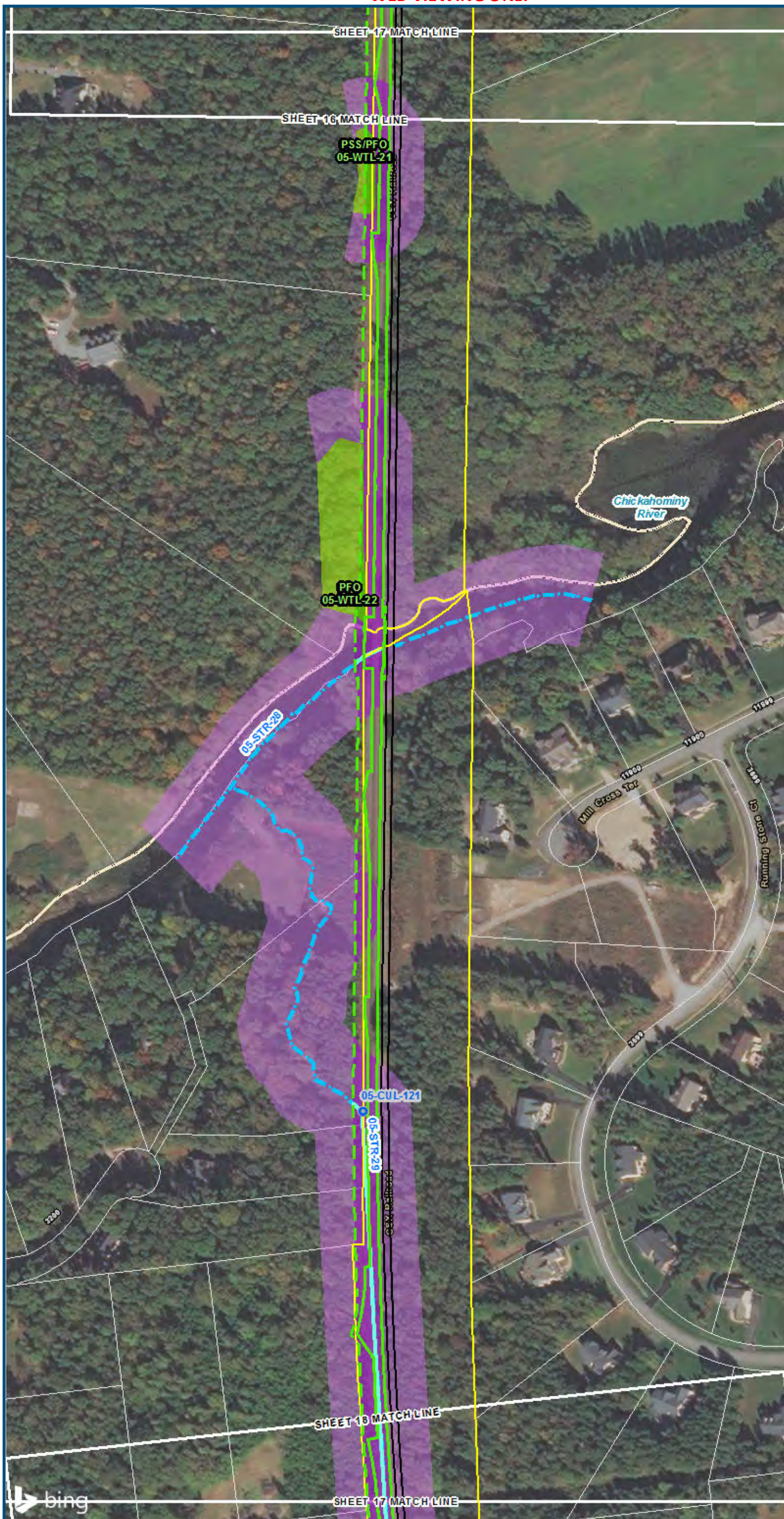
Mapbook E-1
Potential Impacts to Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks Through Town
(850-ft Platforms)

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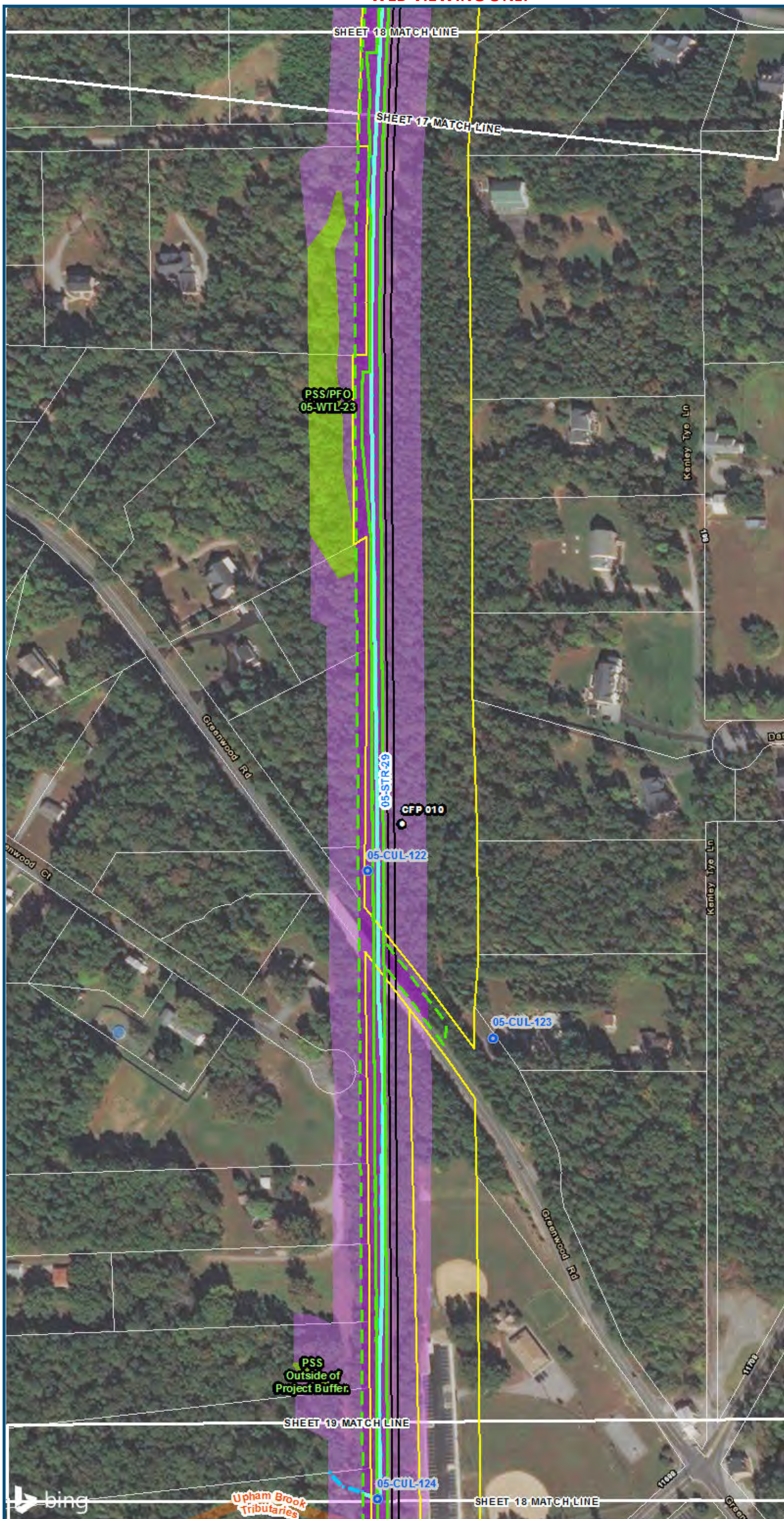
Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)

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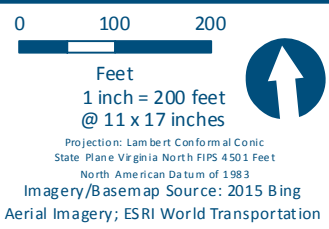
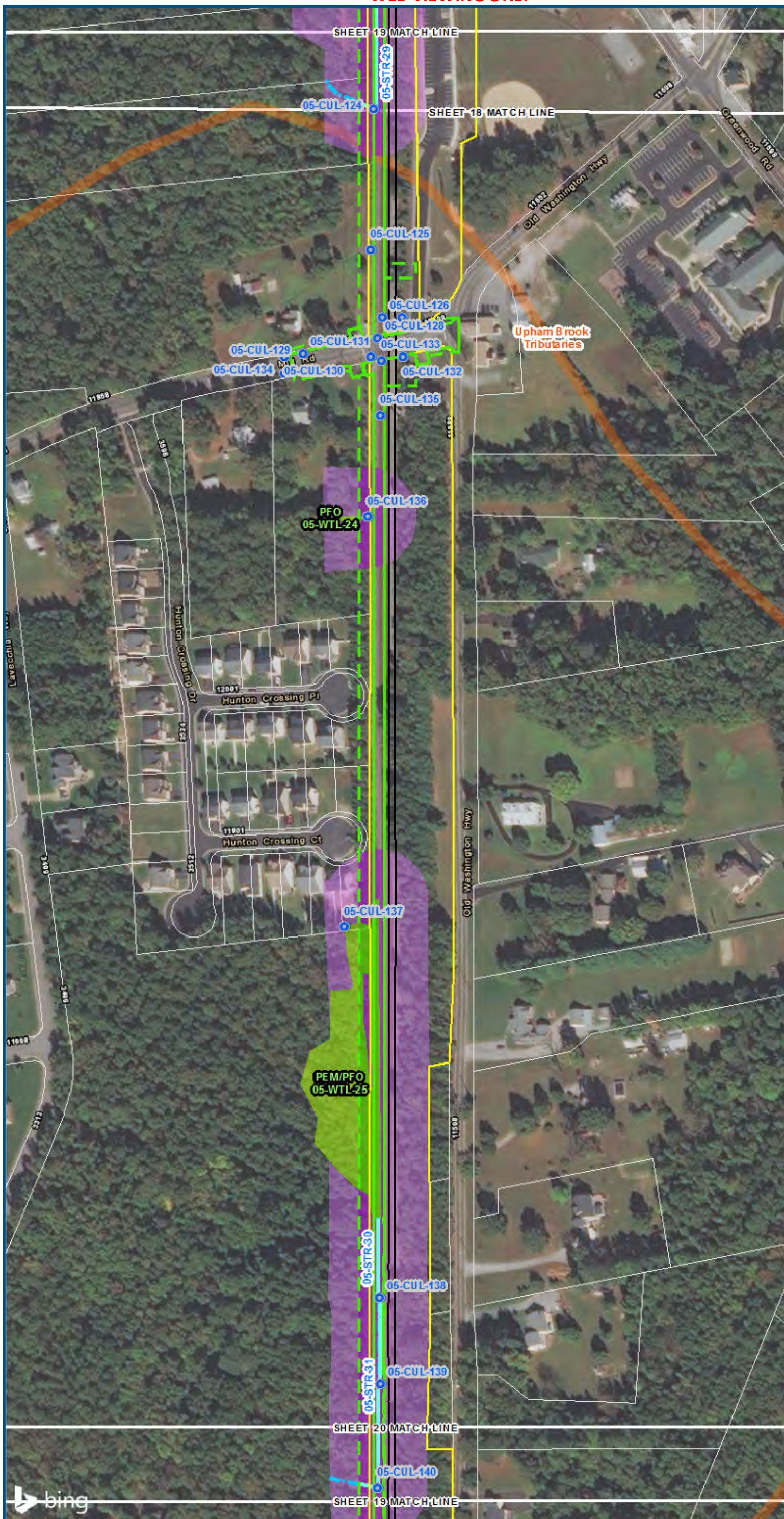


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**Mapbook E-1
 Potential Impacts to
 Wetlands and Streams
 Build Alternative 5A
 Ashland
 Maintain Two Tracks
 Through Town
 (850-ft Platforms)**

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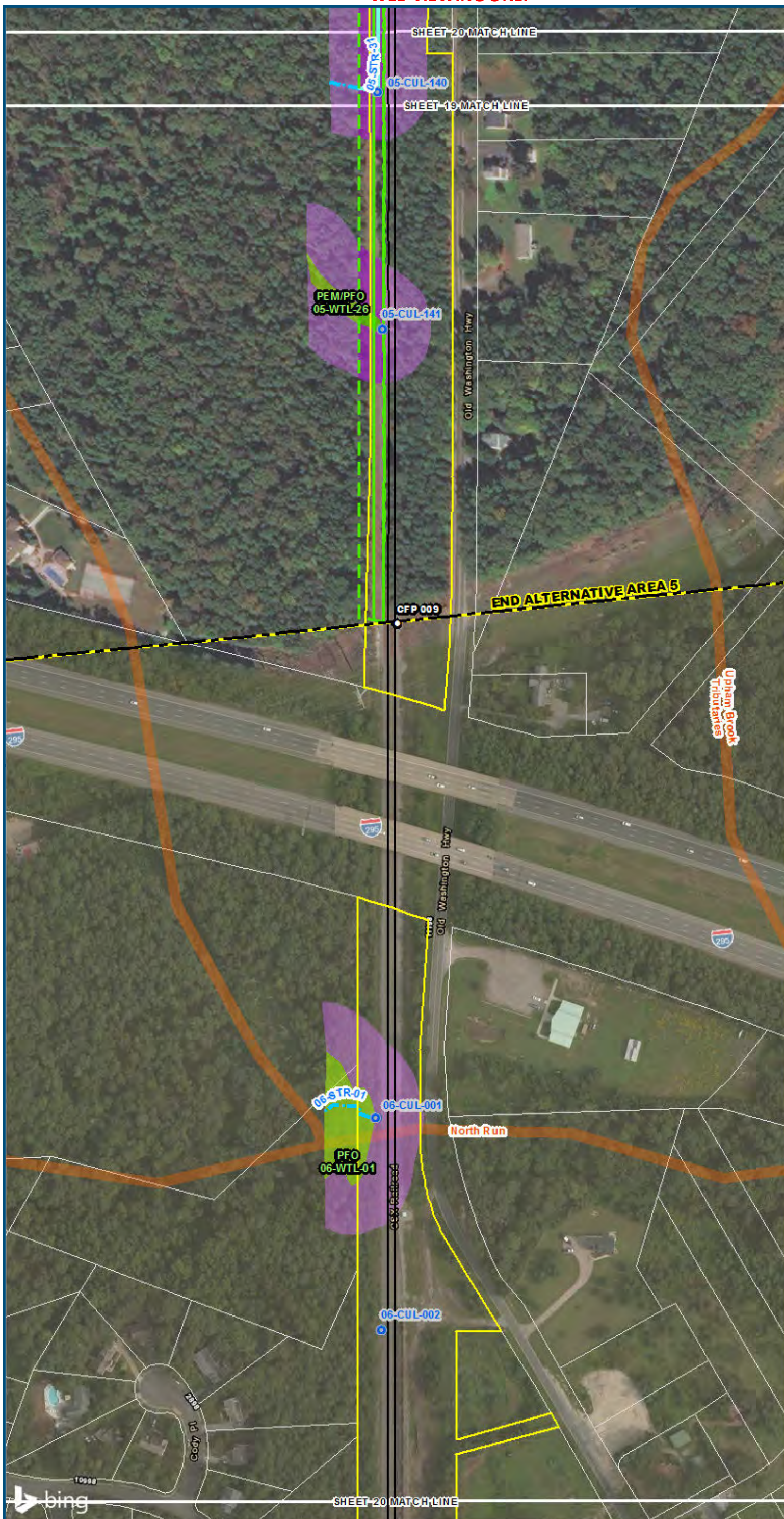
**Mapbook E-1
Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)**

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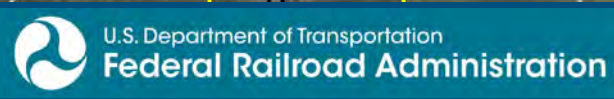


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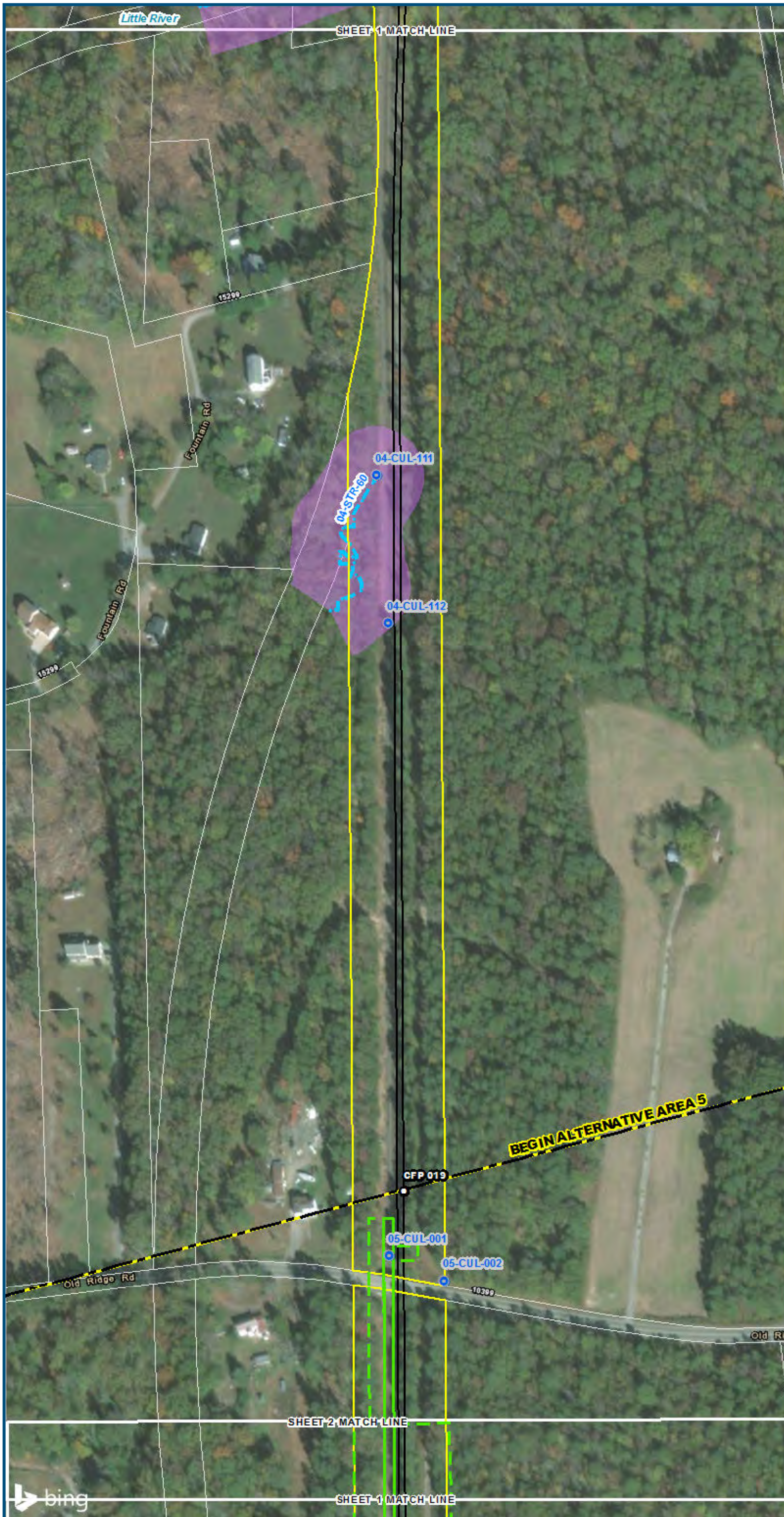
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Potential Impacts to
Wetlands and Streams
Build Alternative 5A
Ashland
Maintain Two Tracks
Through Town
(850-ft Platforms)

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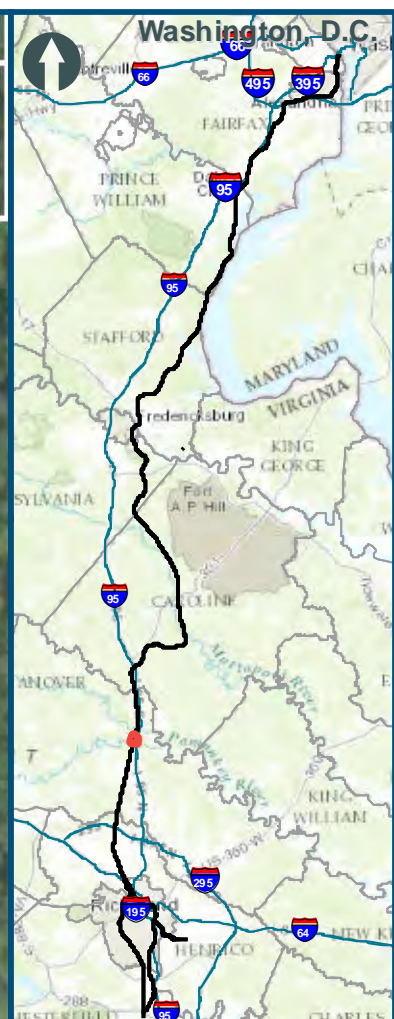
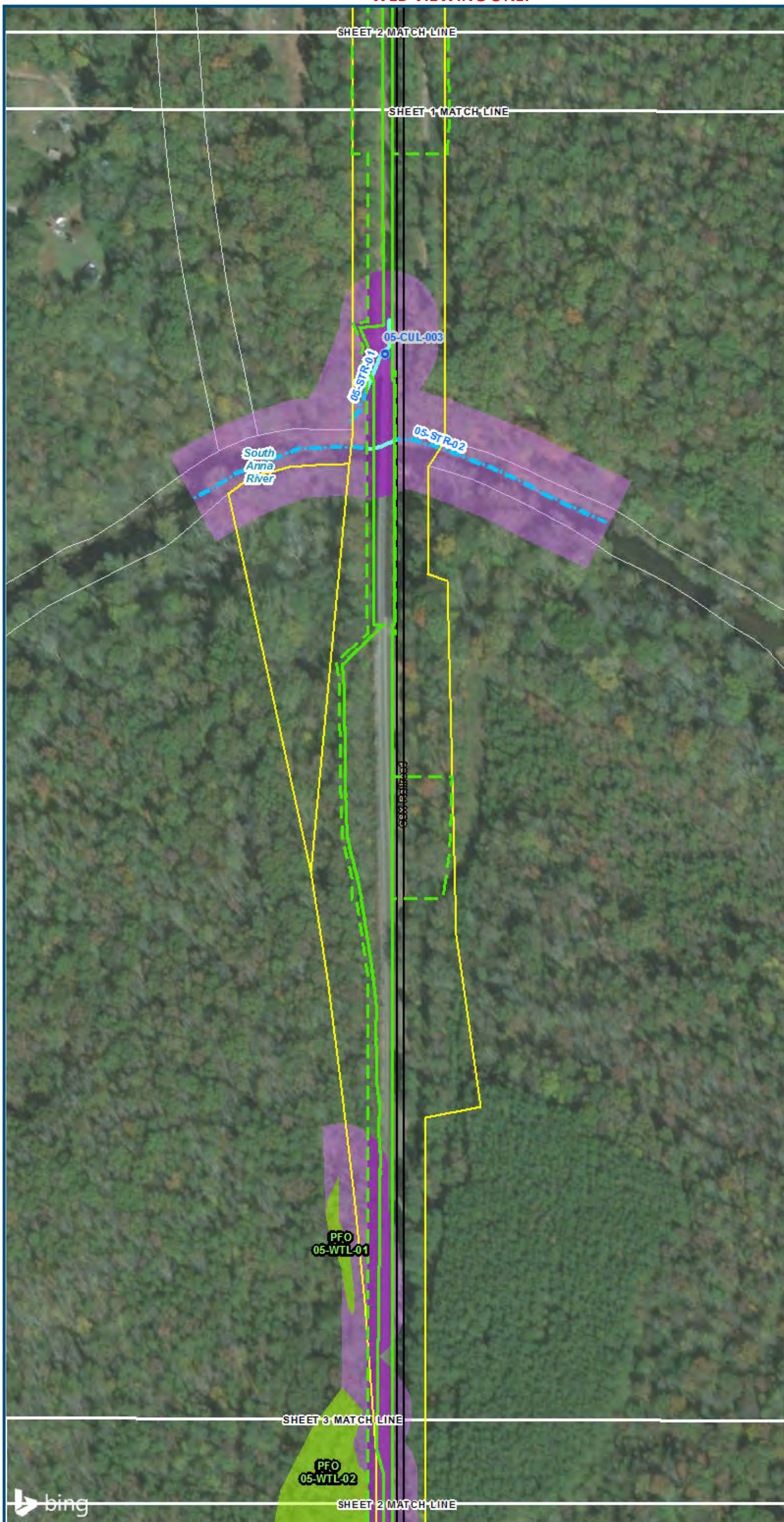
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Legend

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**Mapbook E-2
 Potential Impacts to
 Wetlands and Streams
 Build Alternative 5B
 Ashland
 Add One Track
 East of Existing
 (850-ft Platforms)**

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Legend

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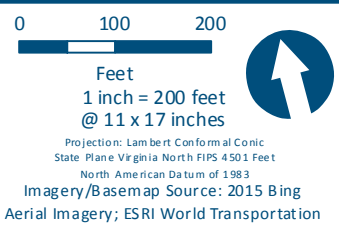
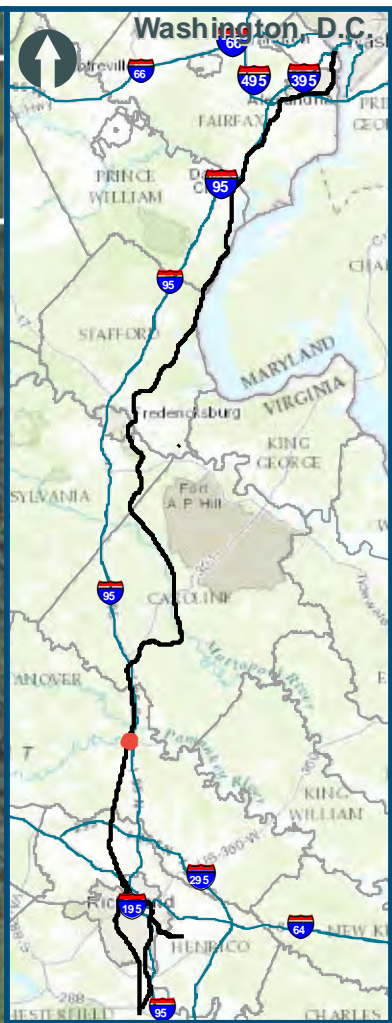
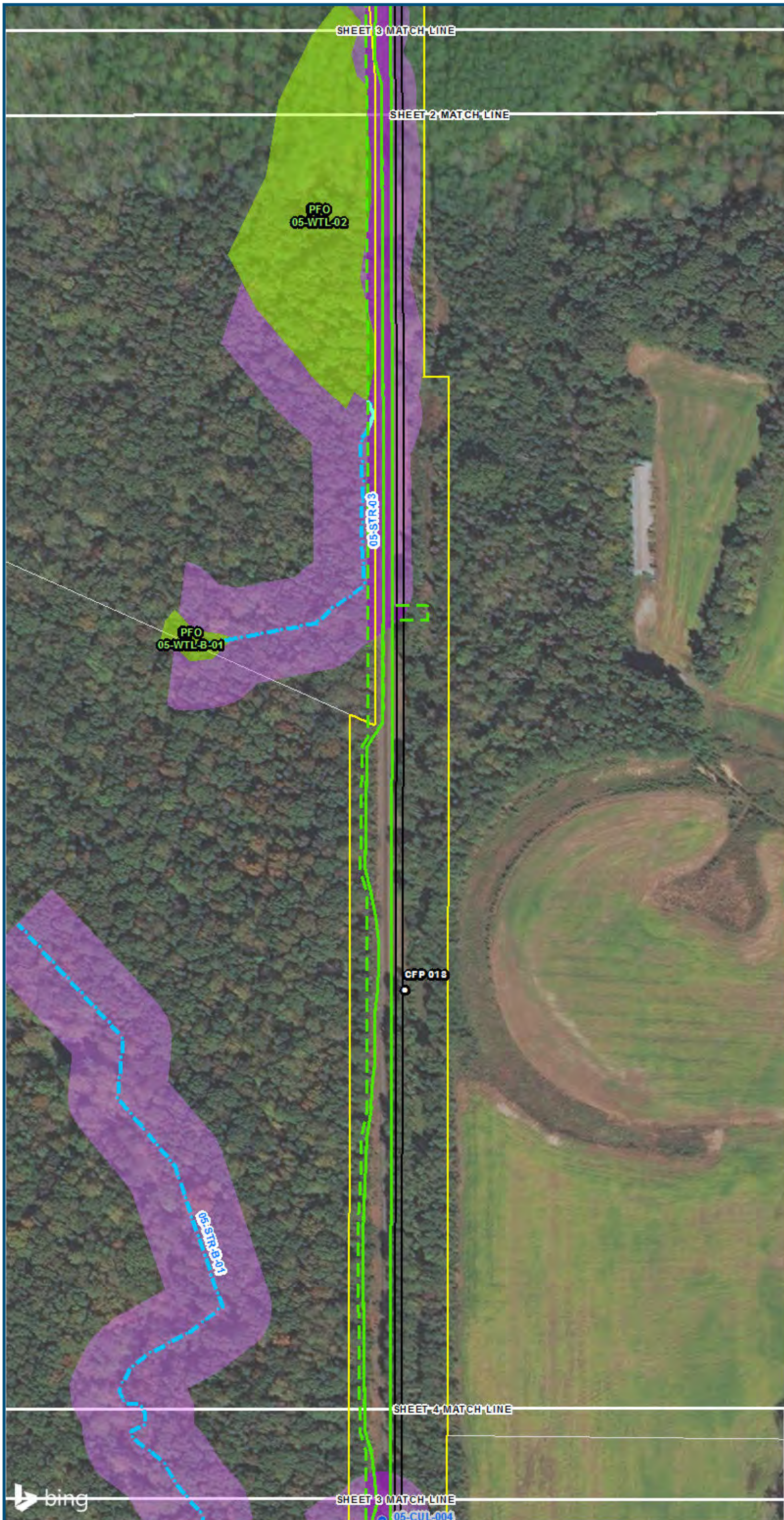
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 Potential Impacts to
 Wetlands and Streams
 Build Alternative 5B
 Ashland
 Add One Track
 East of Existing
 (850-ft Platforms)**



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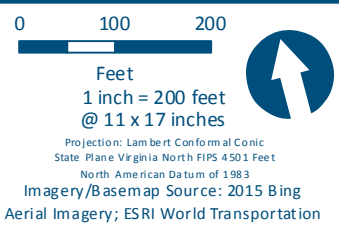
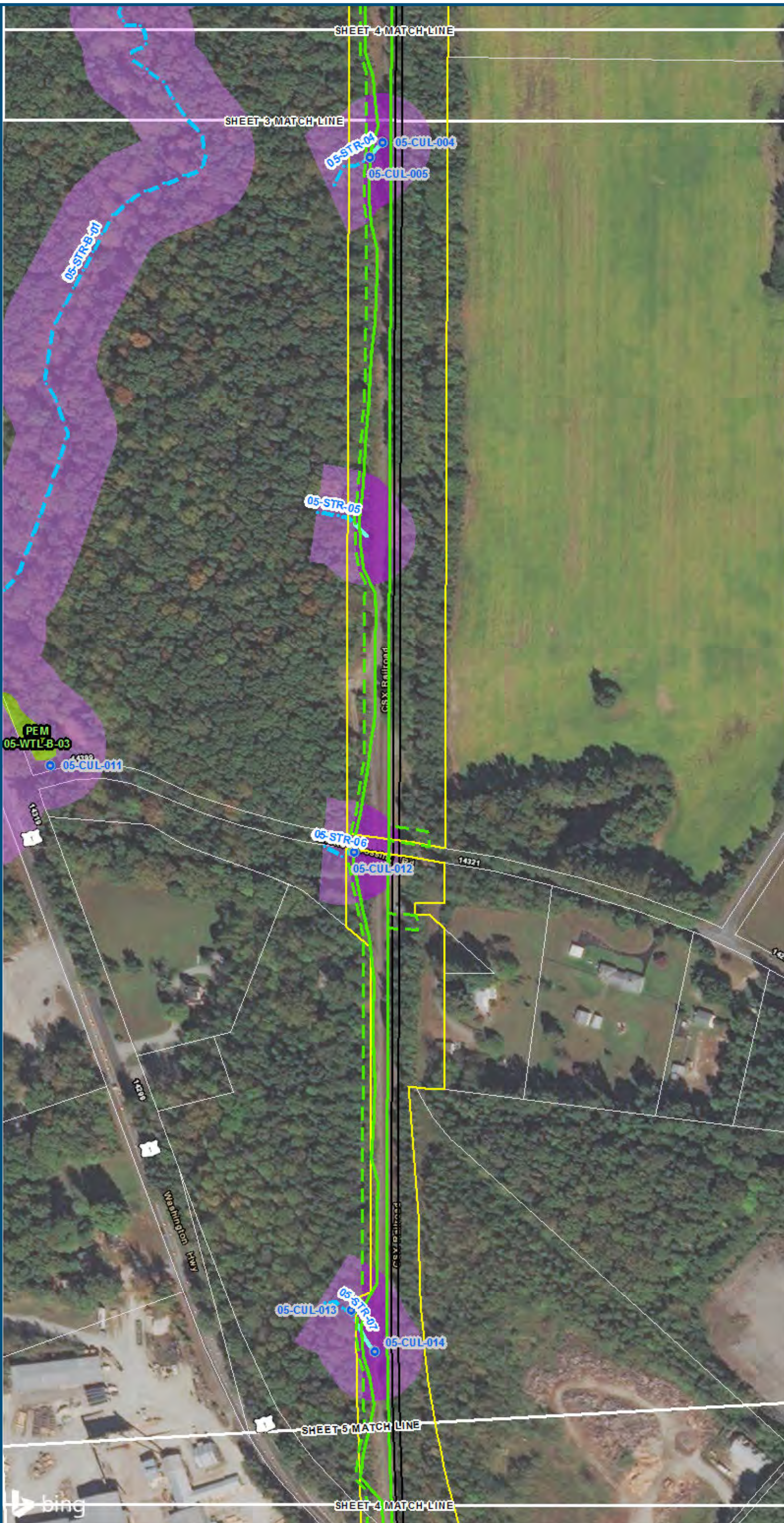
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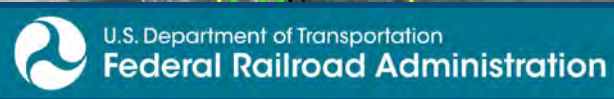
**Mapbook E-2
Potential Impacts to
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Build Alternative 5B
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Add One Track
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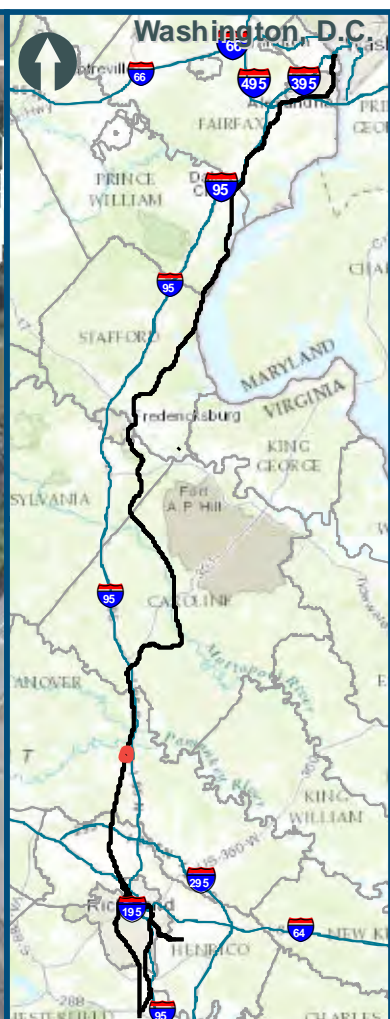
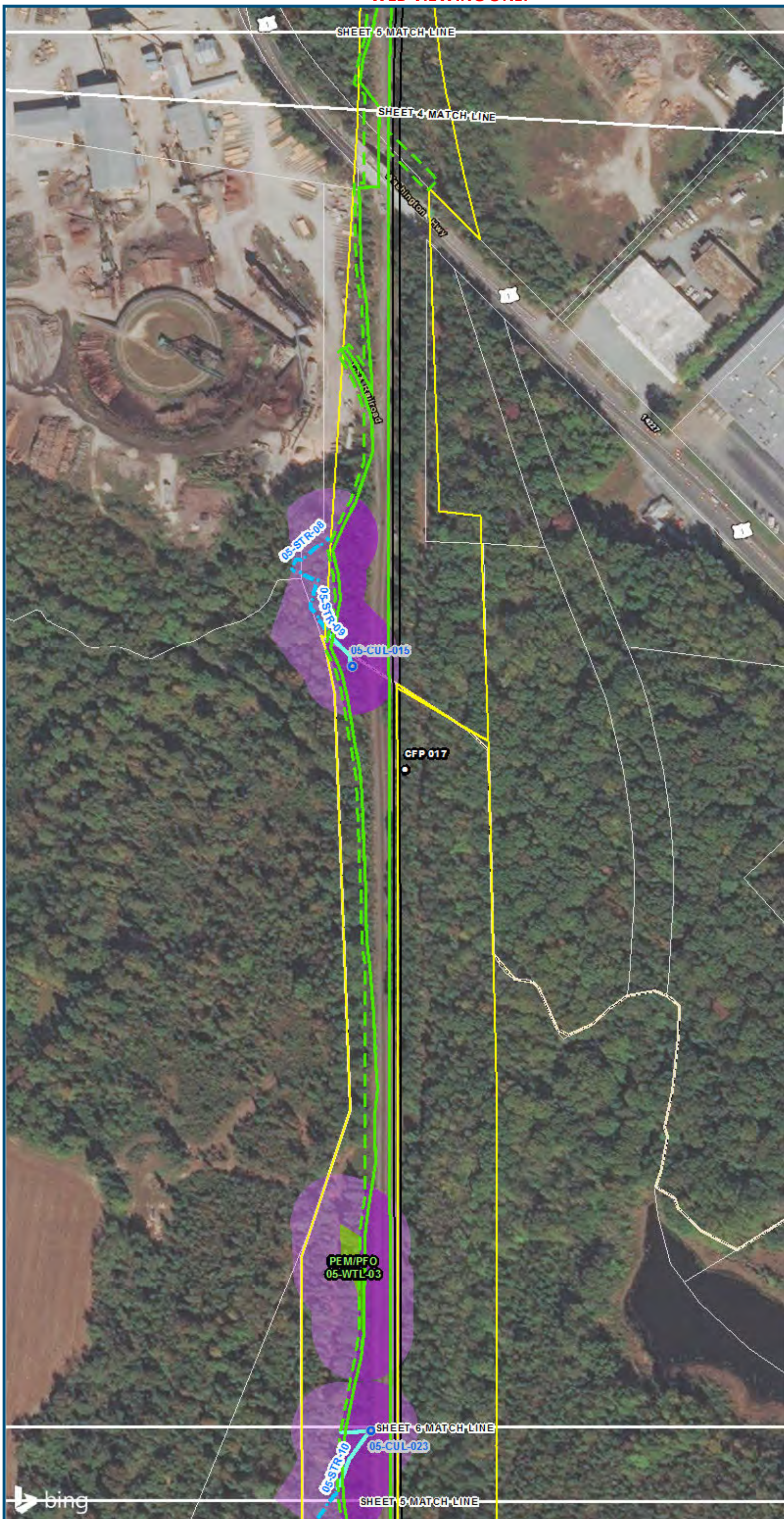
**Mapbook E-2
Potential Impacts to
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Build Alternative 5B
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Add One Track
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(850-ft Platforms)**



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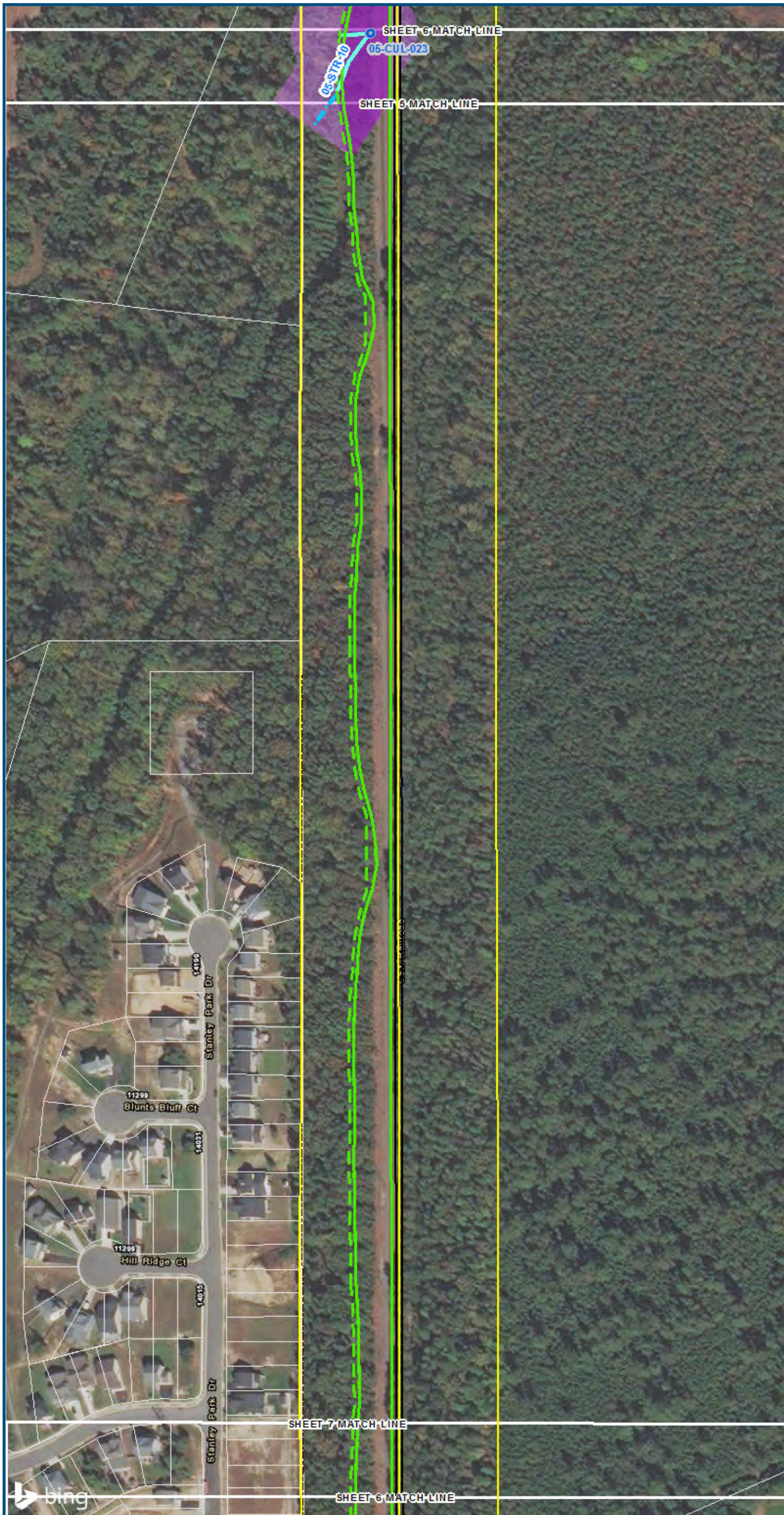
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- City/County Boundary

Mapbook E-2
Potential Impacts to
Wetlands and Streams
Build Alternative 5B
Ashland
Add One Track
East of Existing
(850-ft Platforms)

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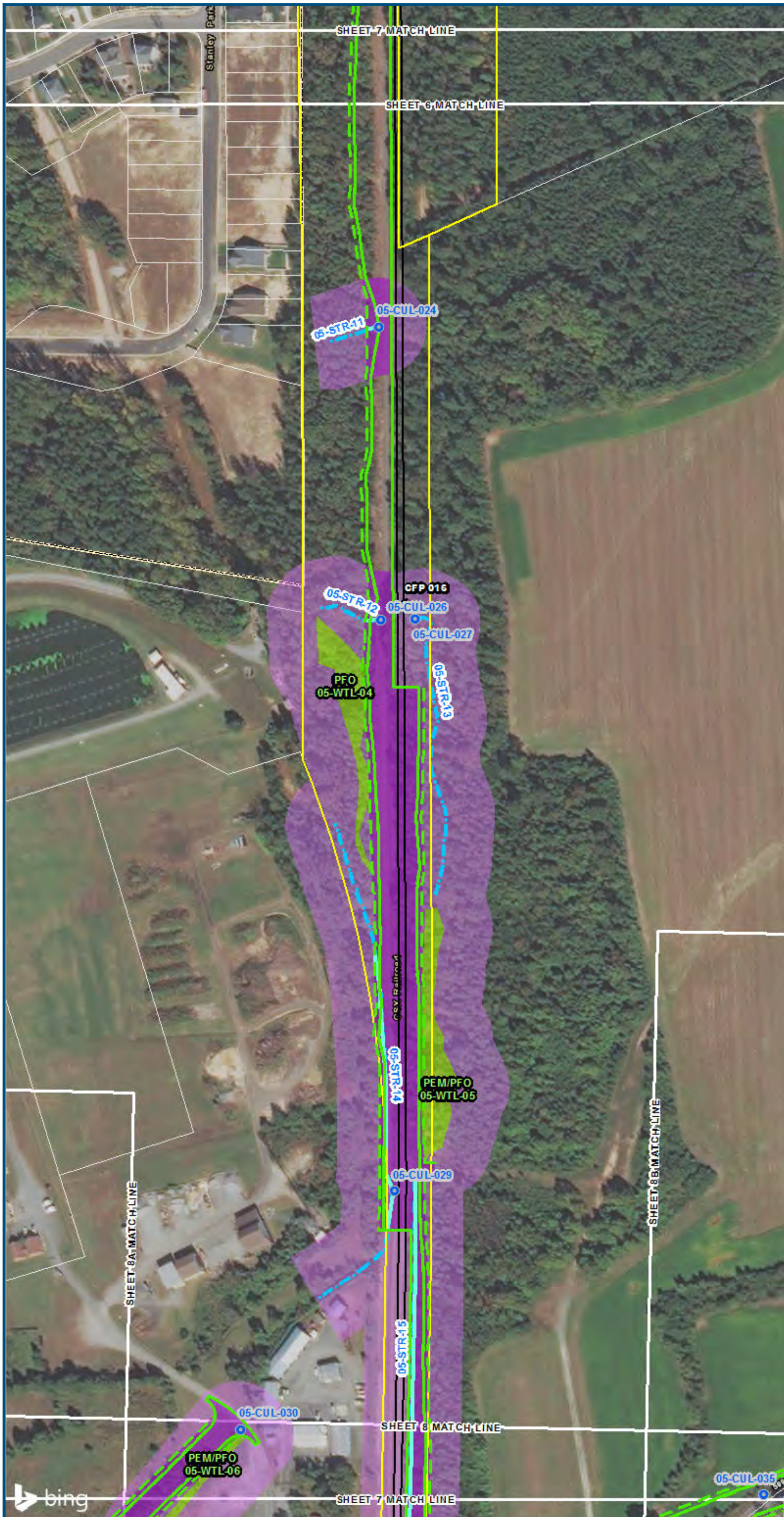


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Imagery/Basemap Source: 2015 Bing
Aerial Imagery; ESRI World Transportation

- Legend**
- Permanent Limits of Disturbance
 - Temporary Limits of Disturbance
 - CSXT Mileposts
 - Track - Existing
 - Stations
 - Proposed Stations
 - Culverts
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**Mapbook E-2
Potential Impacts to
Wetlands and Streams
Build Alternative 5B
Ashland
Add One Track
East of Existing
(850-ft Platforms)**

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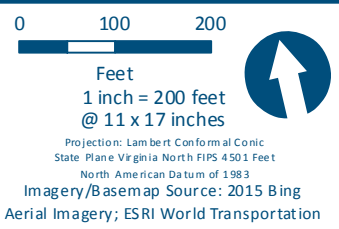
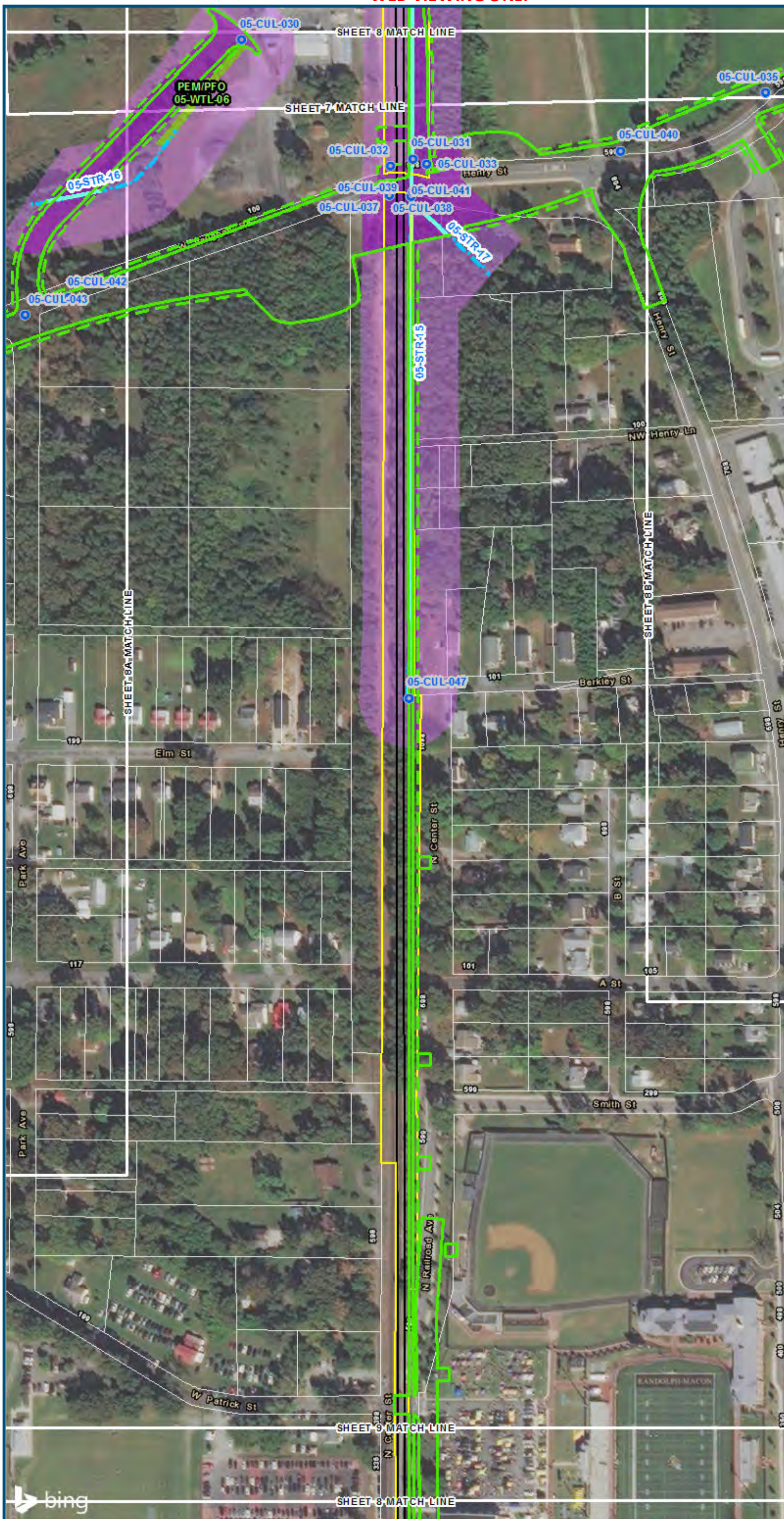
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 Imagery/Basemap Source: 2015 Bing
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Legend

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**Mapbook E-2
 Potential Impacts to
 Wetlands and Streams
 Build Alternative 5B
 Ashland
 Add One Track
 East of Existing
 (850-ft Platforms)**

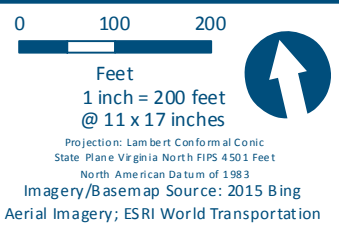
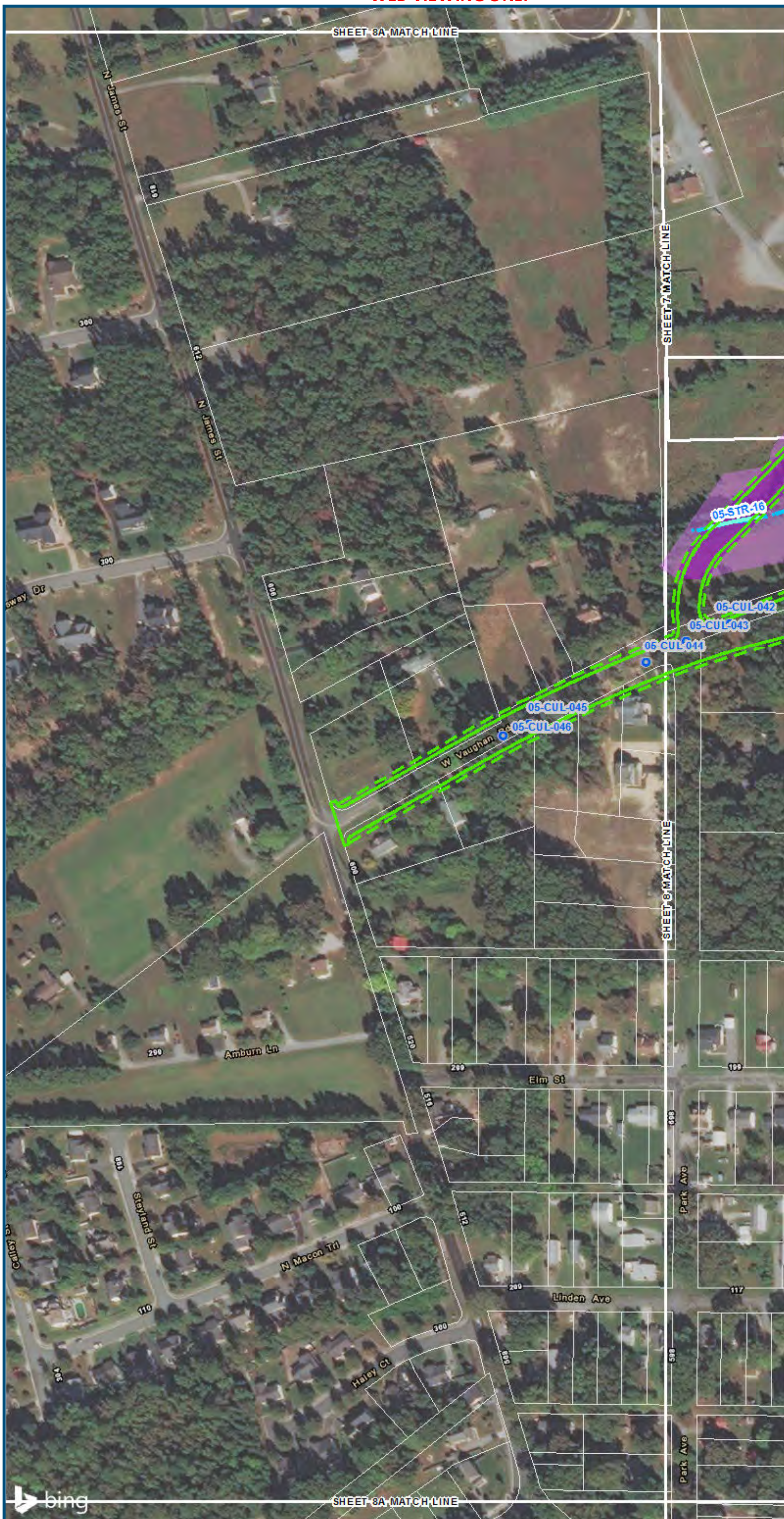
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**Mapbook E-2
Potential Impacts to
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Build Alternative 5B
Ashland
Add One Track
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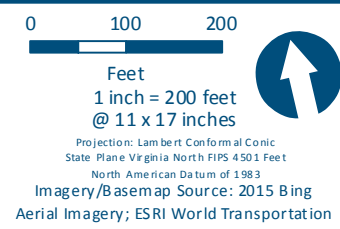
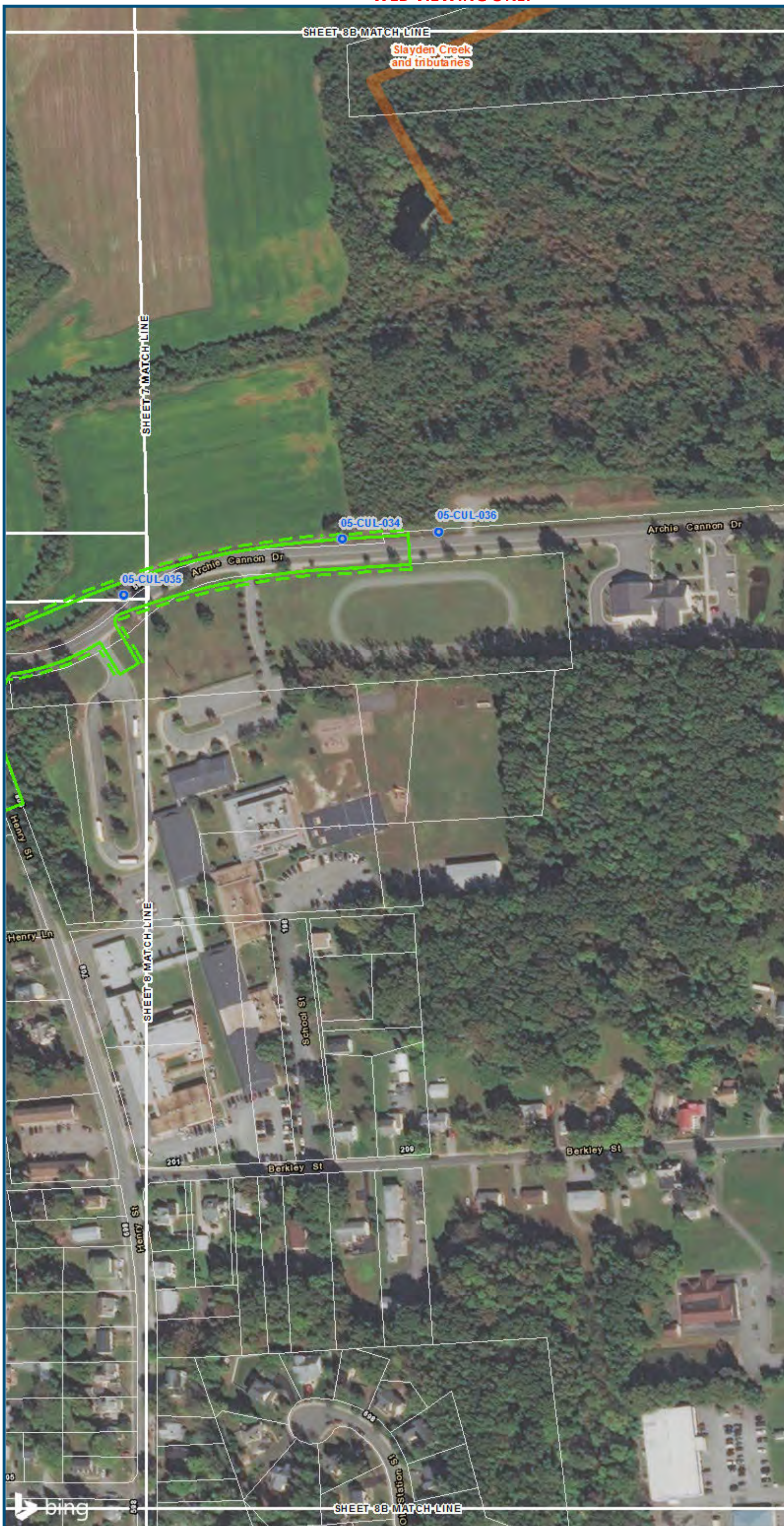
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**Mapbook E-2
Potential Impacts to
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Build Alternative 5B
Ashland
Add One Track
East of Existing
(850-ft Platforms)**

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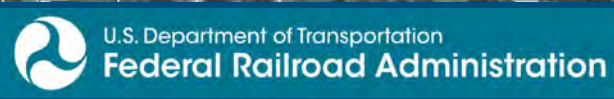


Legend

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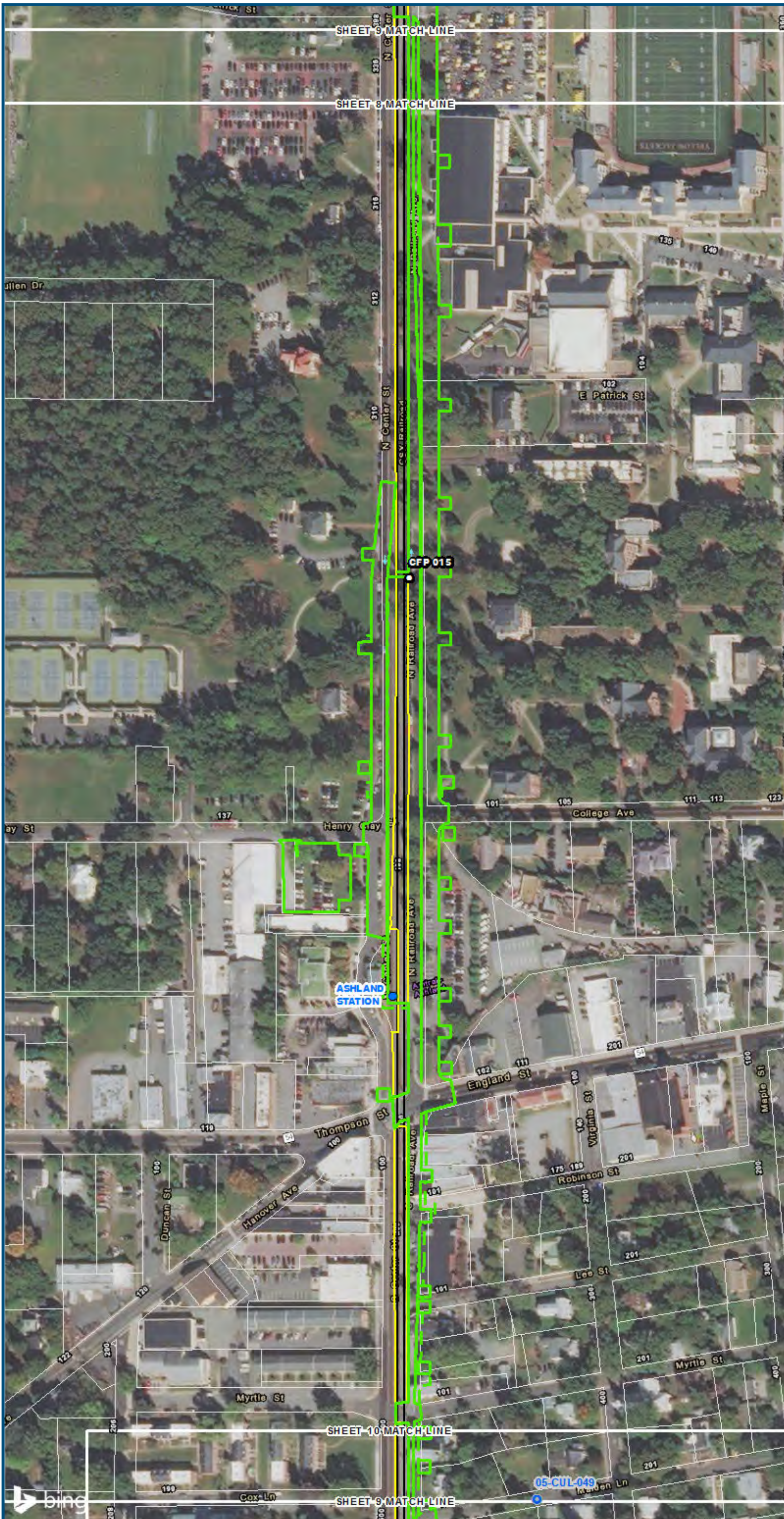
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Potential Impacts to
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Build Alternative 5B
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Add One Track
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(850-ft Platforms)**

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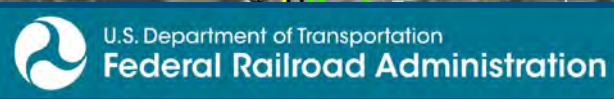
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 Imagery/Basemap Source: 2015 Bing
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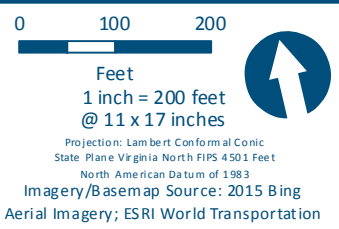
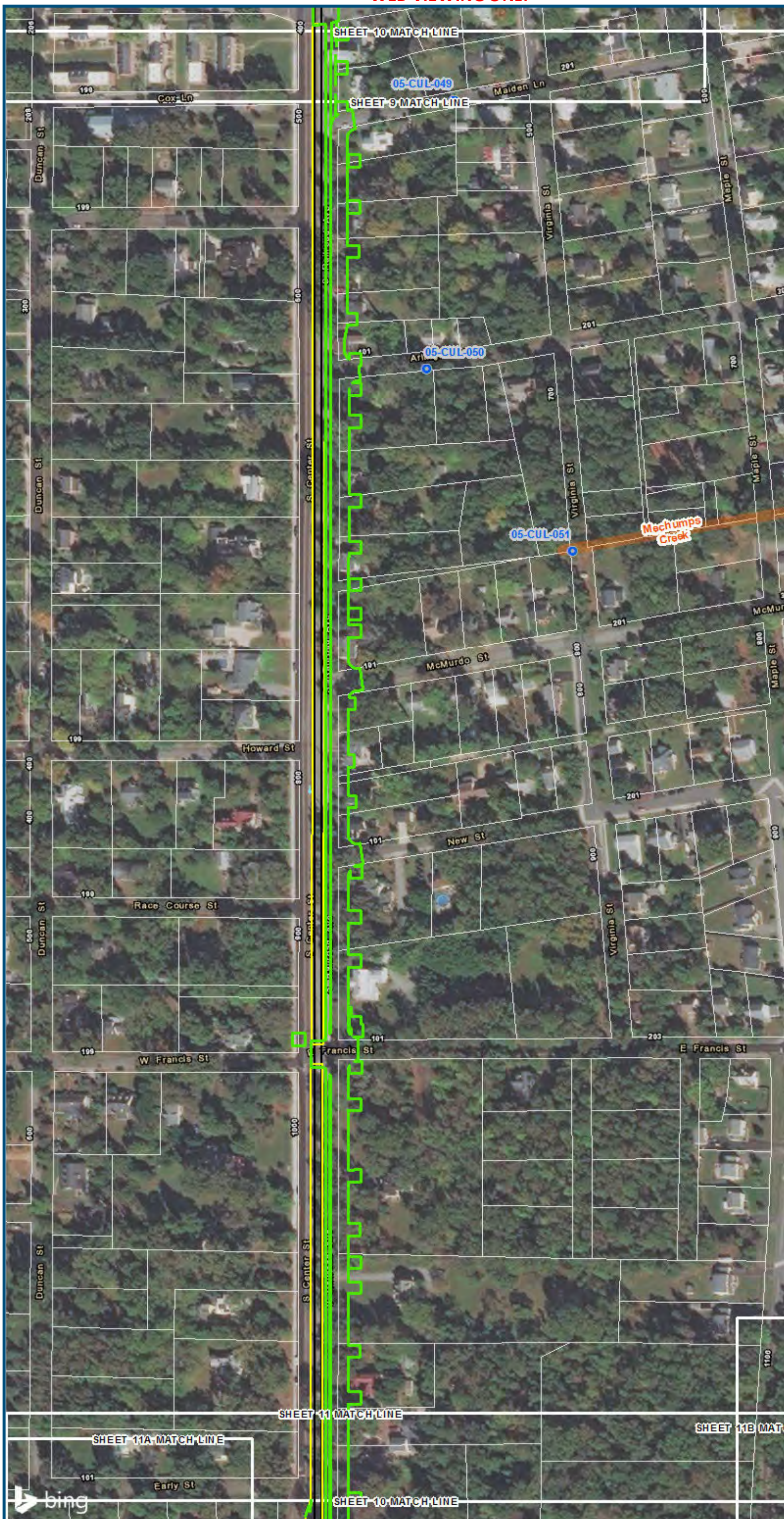
**Mapbook E-2
 Potential Impacts to
 Wetlands and Streams
 Build Alternative 5B
 Ashland
 Add One Track
 East of Existing
 (850-ft Platforms)**

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**Mapbook E-2
Potential Impacts to
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Build Alternative 5B
Ashland
Add One Track
East of Existing
(850-ft Platforms)**

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 North American Datum of 1983
 Imagery/Basemap Source: 2015 Bing
 Aerial Imagery; ESRI World Transportation

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**Mapbook E-2
 Potential Impacts to
 Wetlands and Streams
 Build Alternative 5B
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 Add One Track
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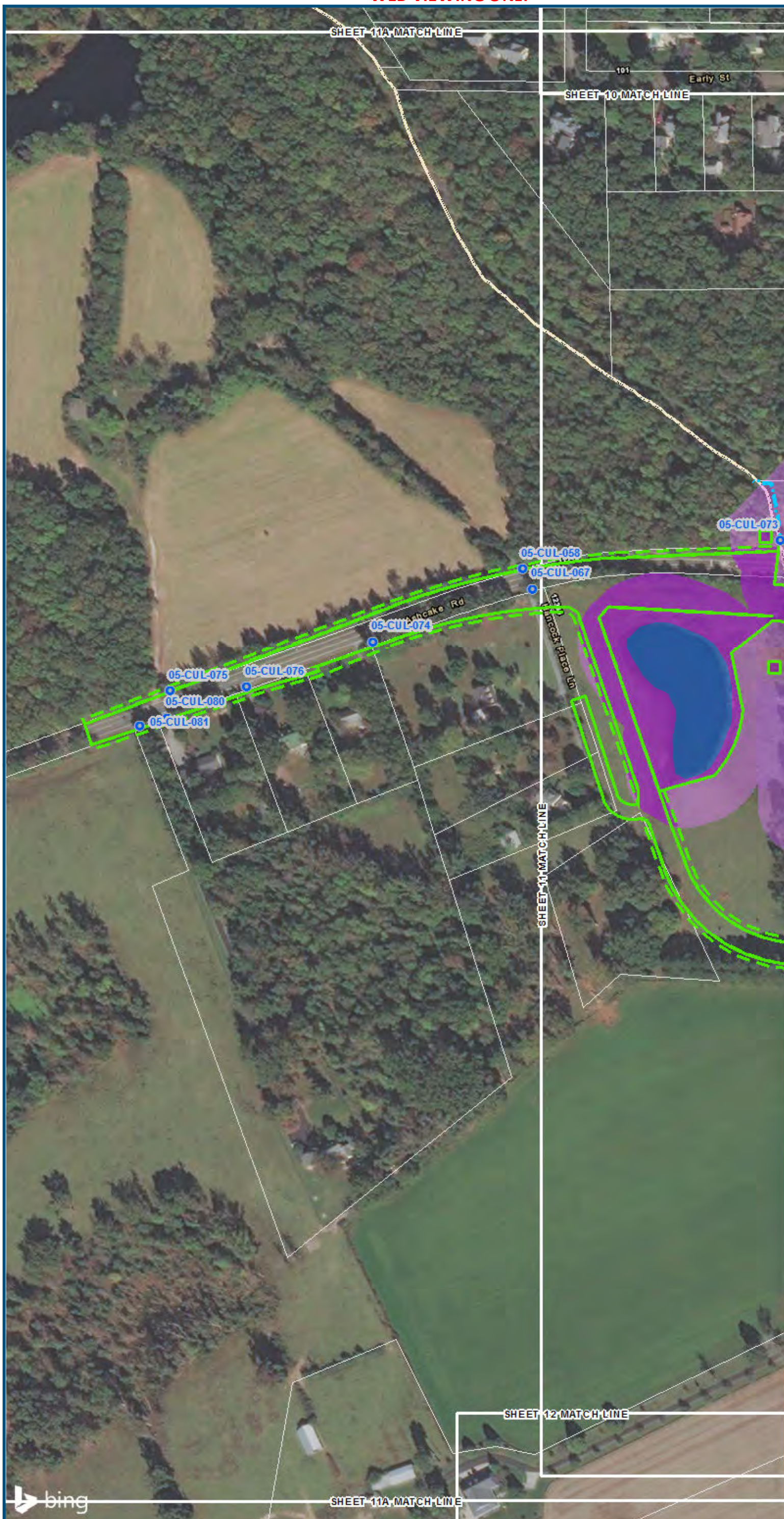
**Mapbook E-2
 Potential Impacts to
 Wetlands and Streams
 Build Alternative
 5B—Ashcake
 Add One Track
 East of Existing
 (Relocate Station to
 Ashcake)**



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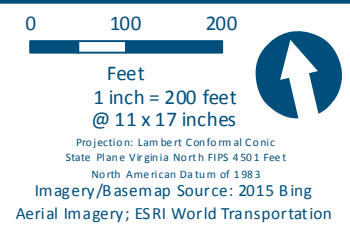
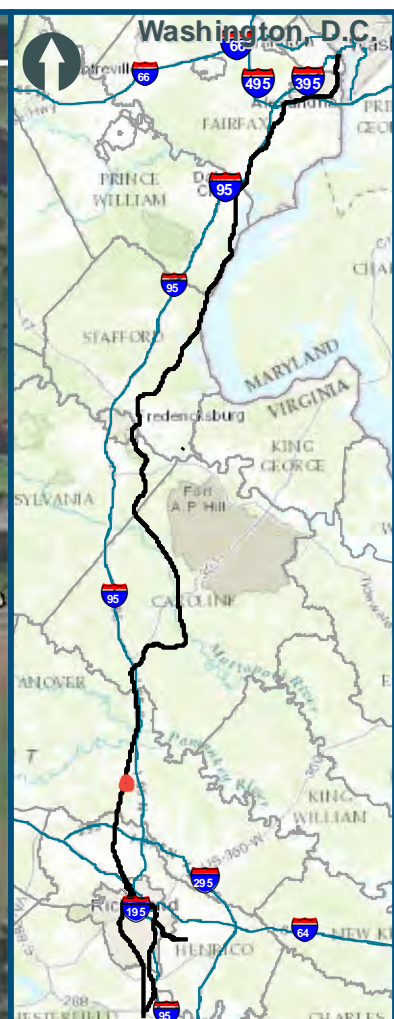
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 Potential Impacts to
 Wetlands and Streams
 Build Alternative 5B
 Ashland
 Add One Track
 East of Existing
 (850-ft Platforms)**



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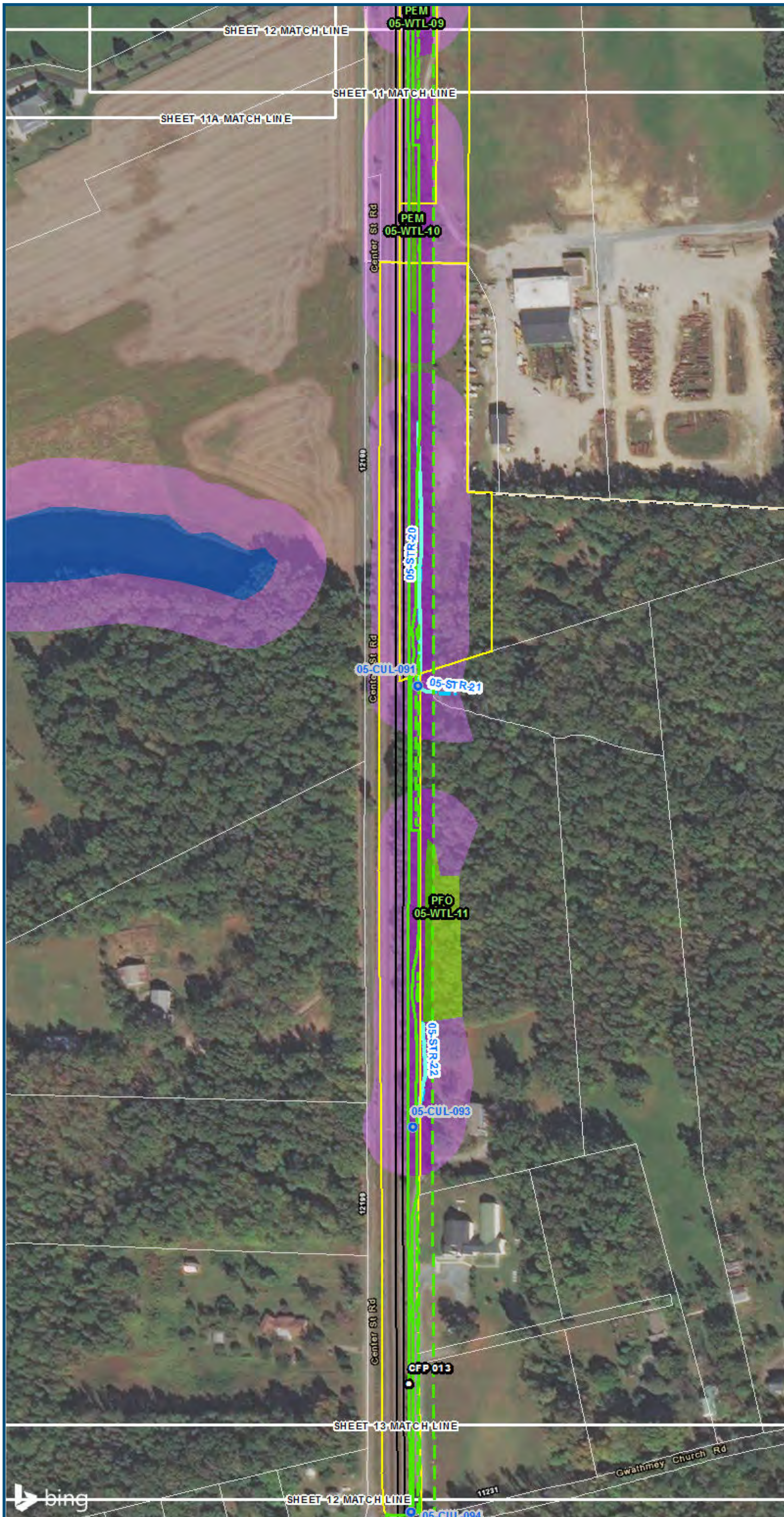
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- Legend**
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 - ▭ Temporary Limits of Disturbance
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**Mapbook E-2
Potential Impacts to
Wetlands and Streams
Build Alternative 5B
Ashland
Add One Track
East of Existing
(850-ft Platforms)**

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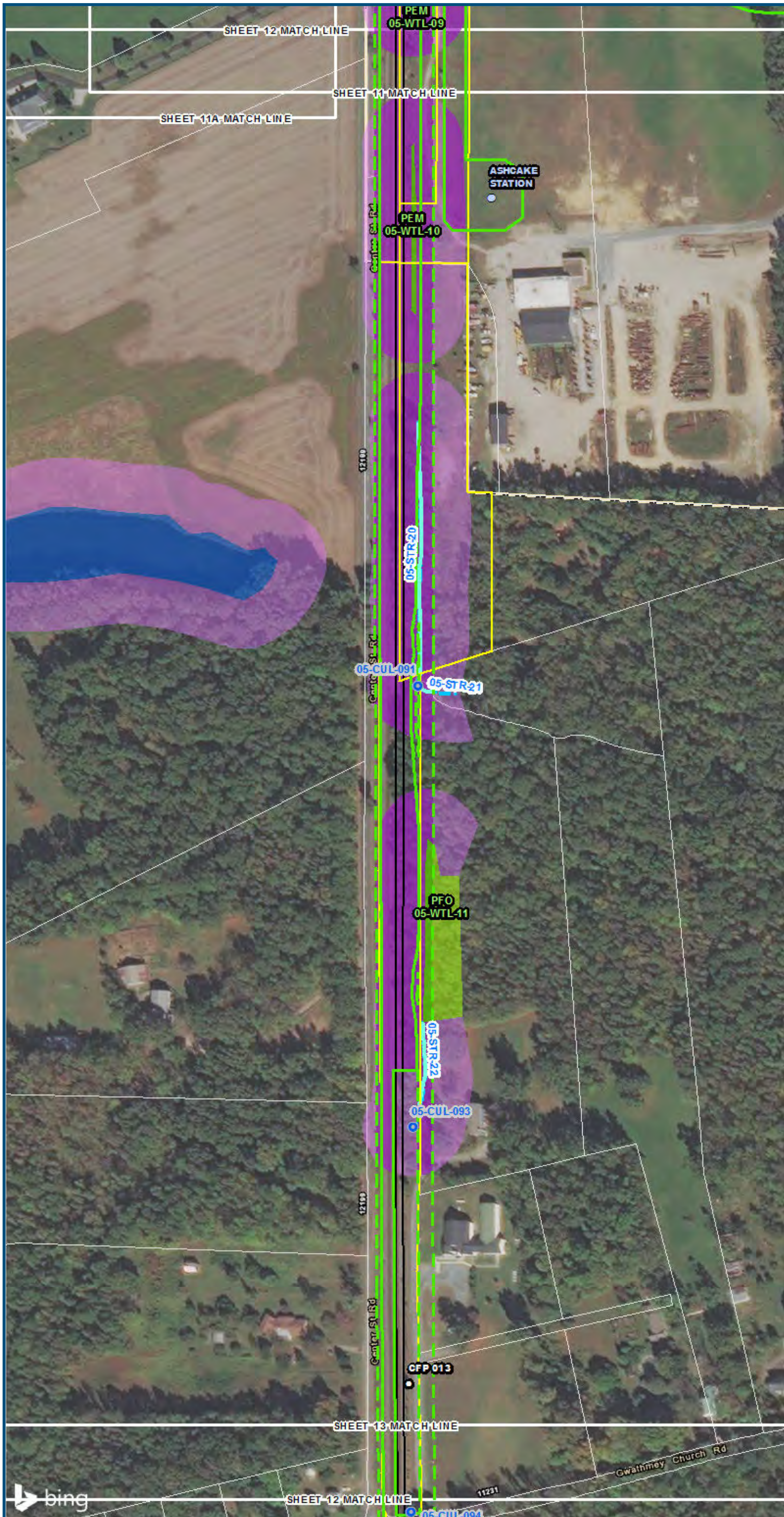
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**Mapbook E-2
 Potential Impacts to
 Wetlands and Streams
 Build Alternative 5B
 Ashland
 Add One Track
 East of Existing
 (850-ft Platforms)**

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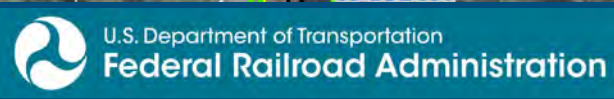


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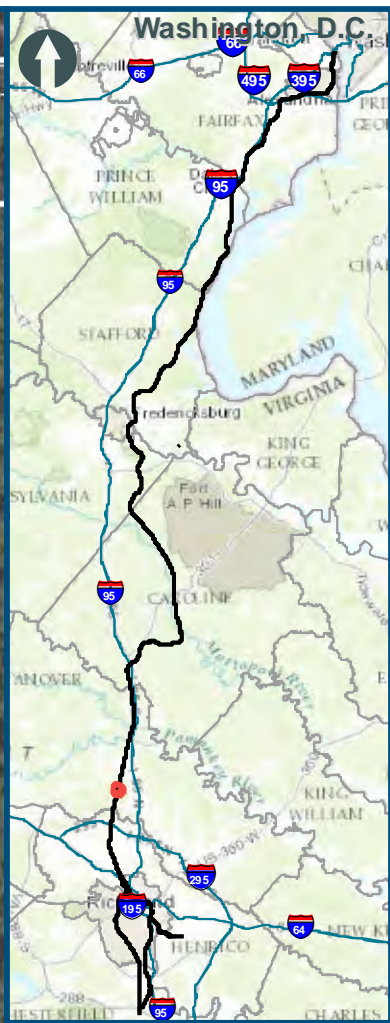
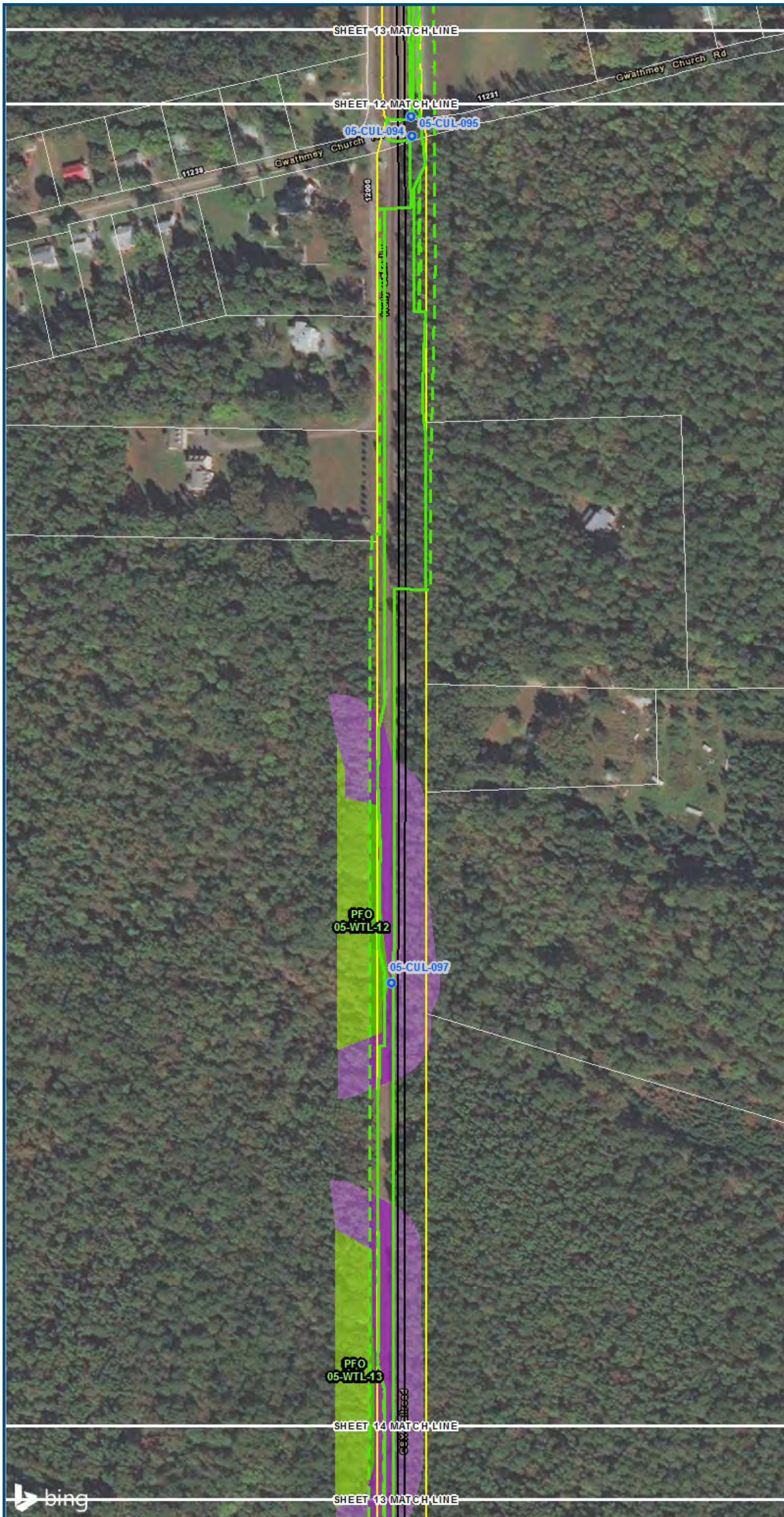
**Mapbook E-2
 Potential Impacts to
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 Build Alternative
 5B-Ashcake
 Add One Track
 East of Existing
 (Relocate Station to
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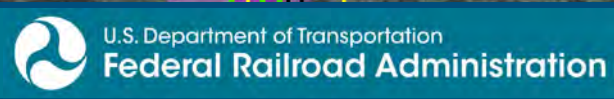
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Mapbook E-2
Potential Impacts to
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Build Alternative 5B
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Add One Track
East of Existing
(850-ft Platforms)



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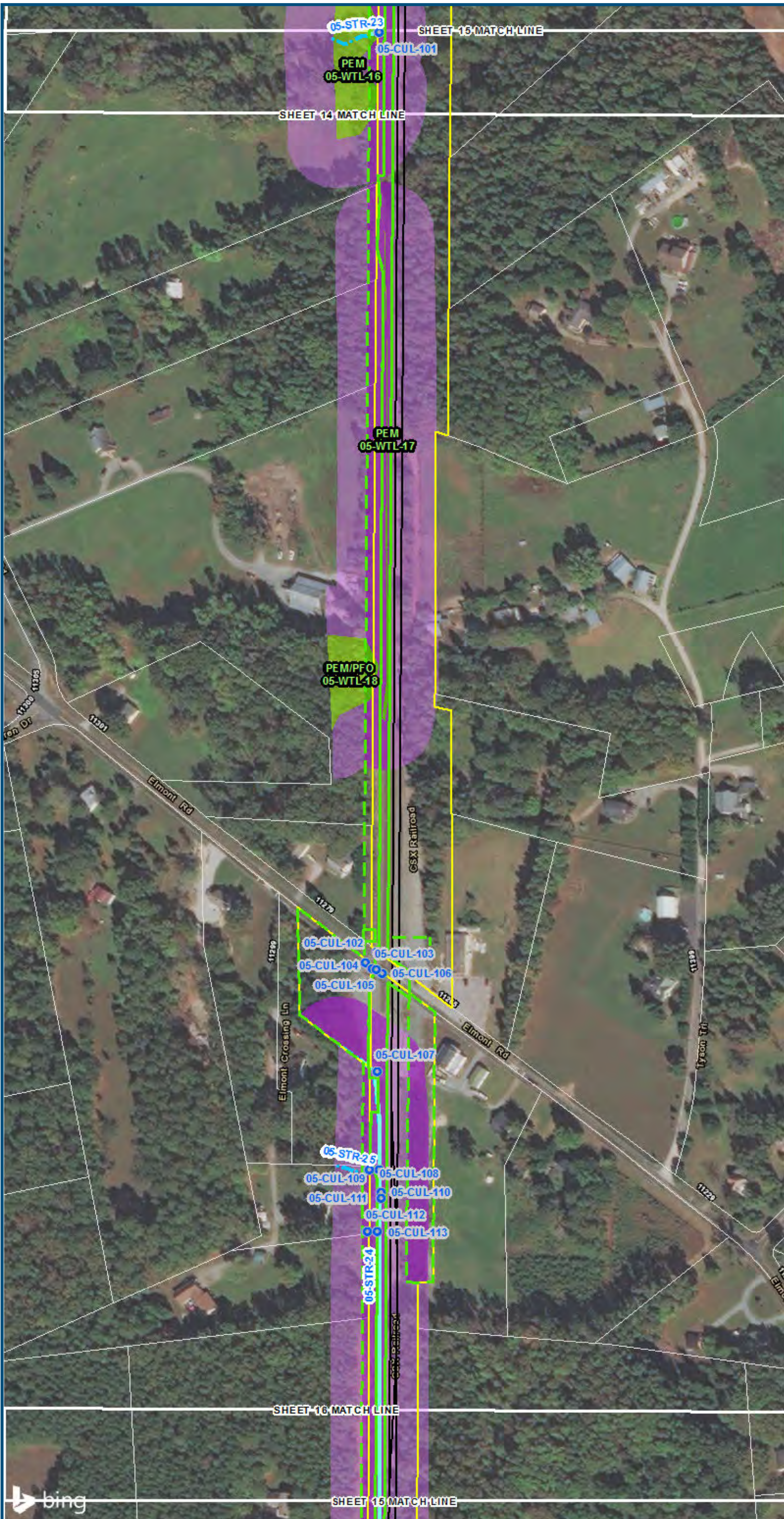
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Mapbook E-2
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Build Alternative 5B
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Add One Track
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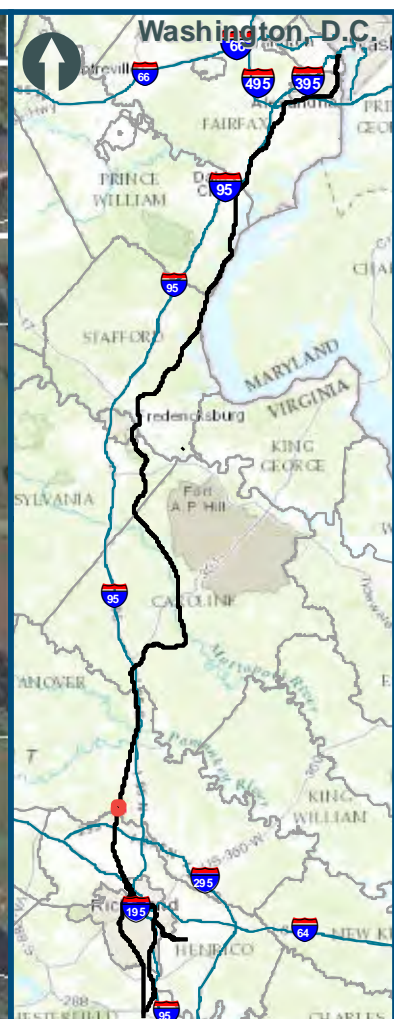
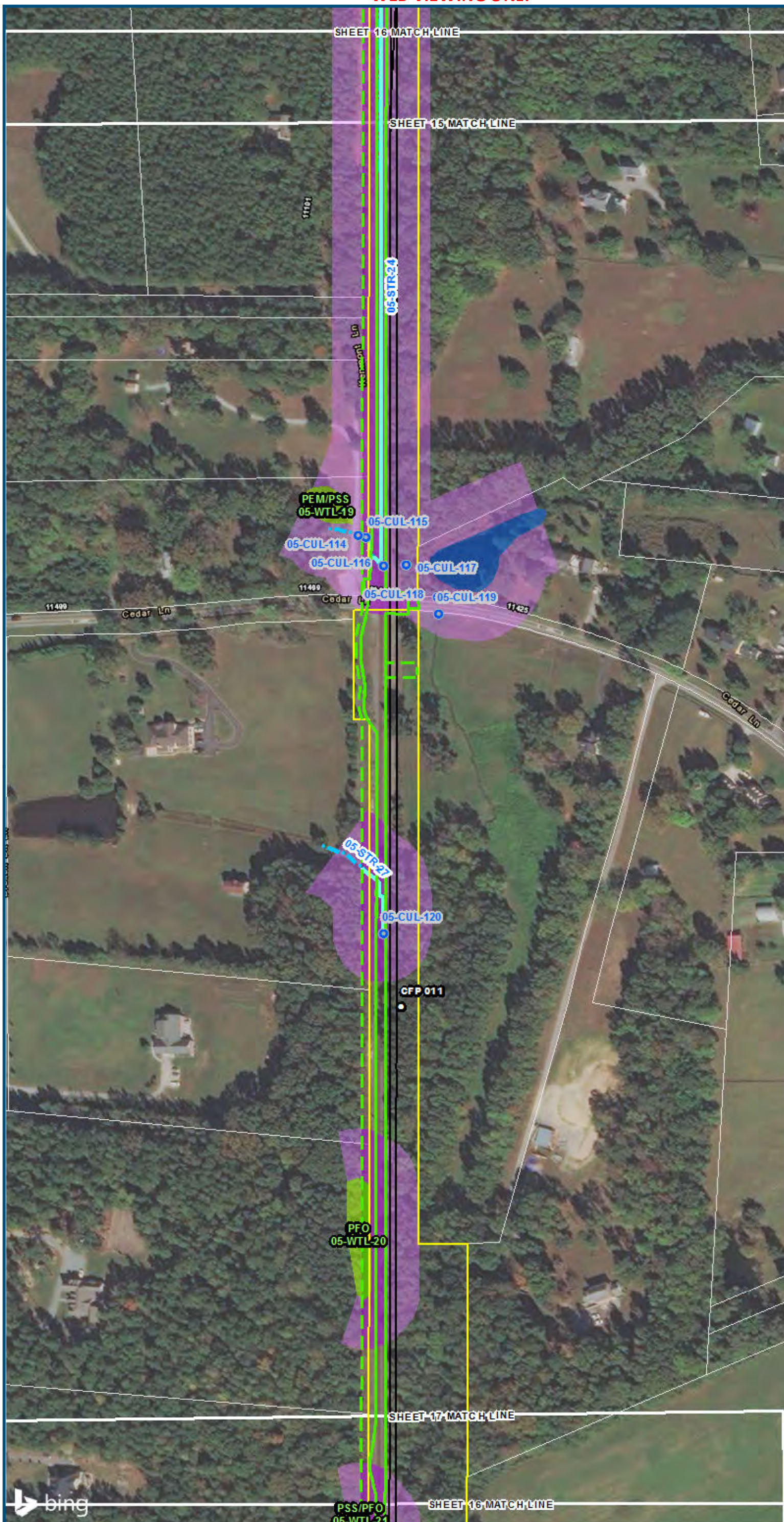
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Mapbook E-2
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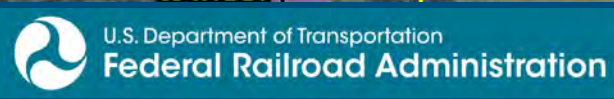


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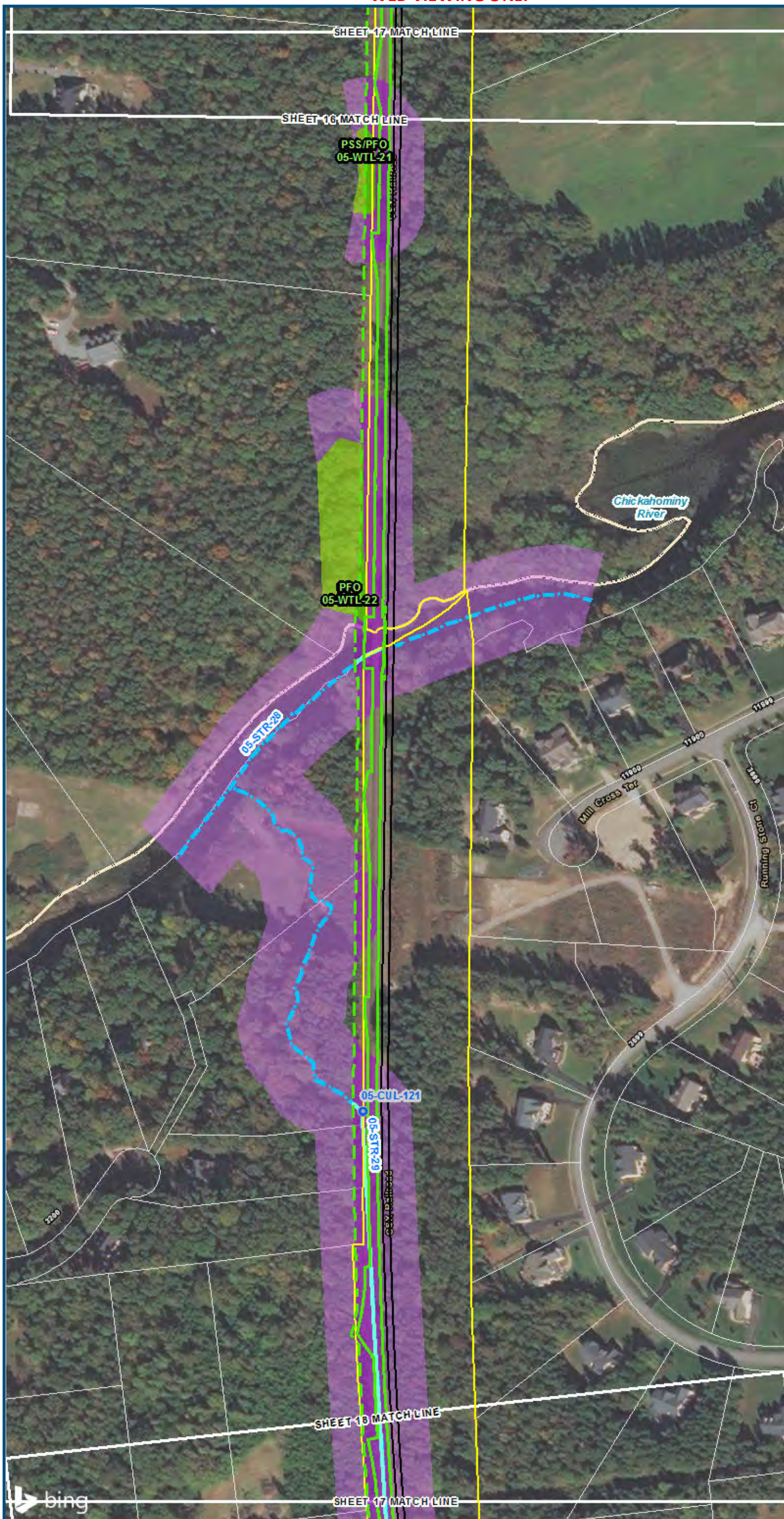
**Mapbook E-2
 Potential Impacts to
 Wetlands and Streams
 Build Alternative 5B
 Ashland
 Add One Track
 East of Existing
 (850-ft Platforms)**

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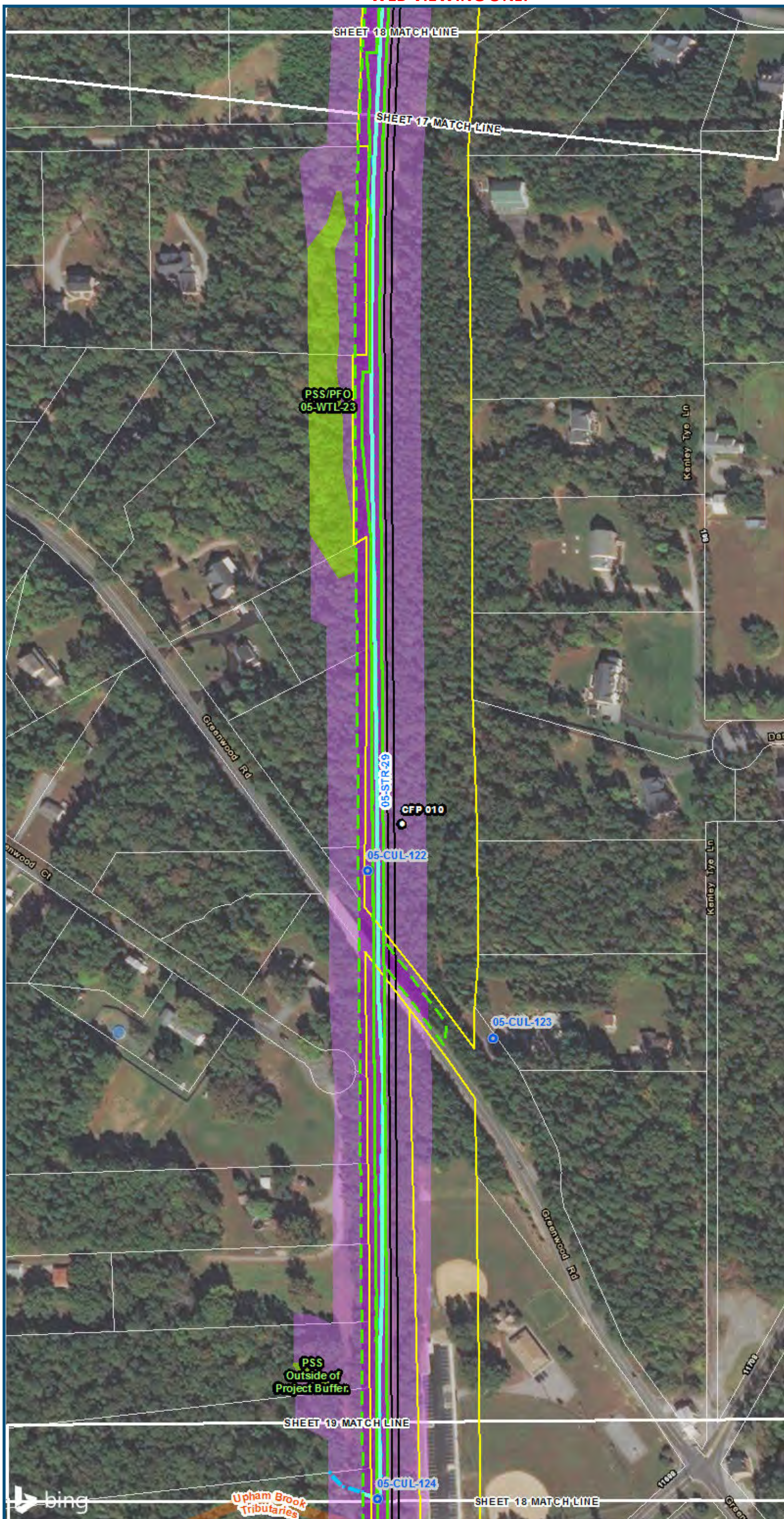
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Mapbook E-2
Potential Impacts to
Wetlands and Streams
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Ashland
Add One Track
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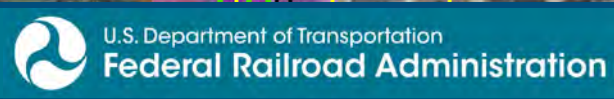


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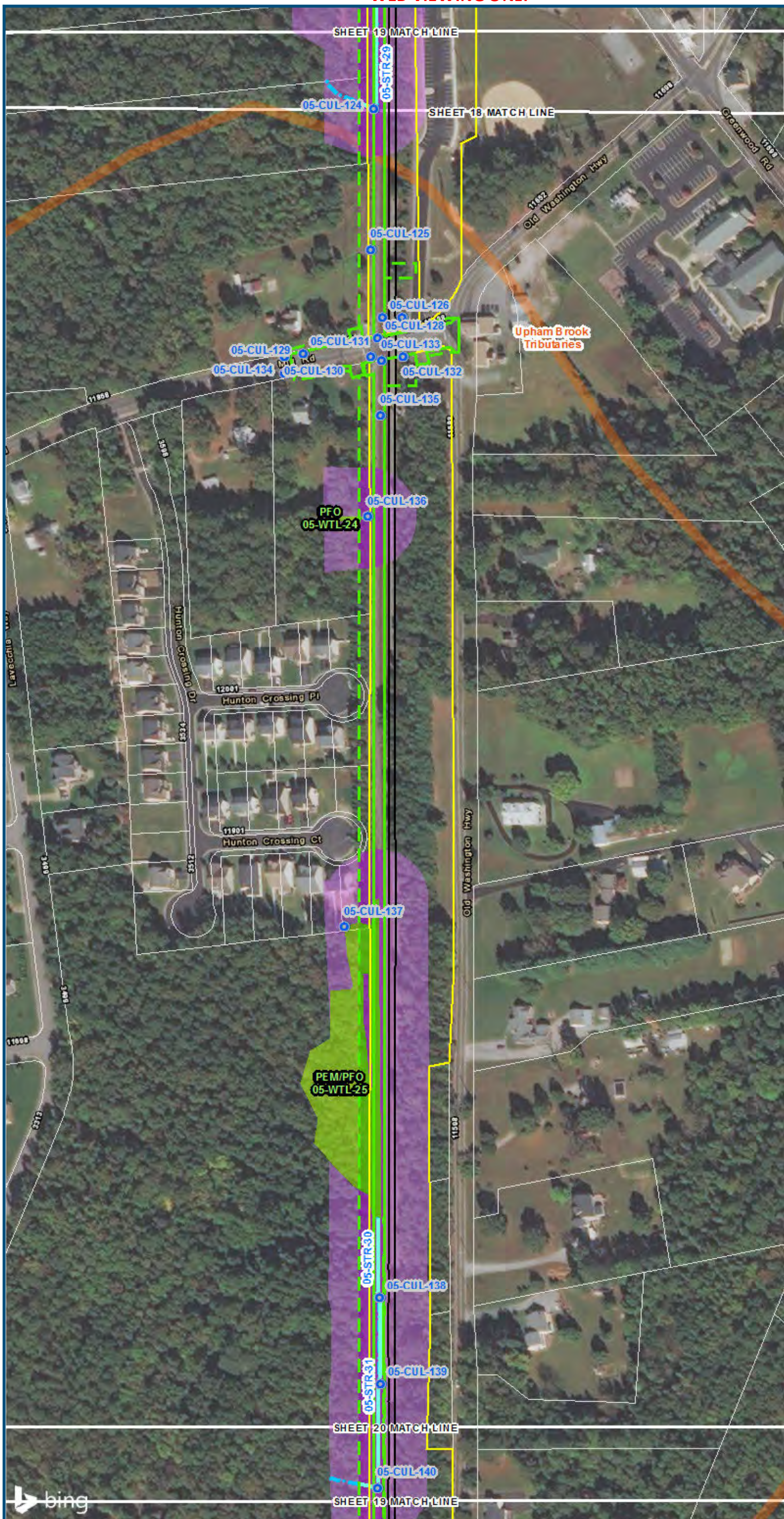
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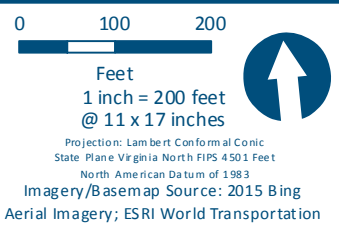
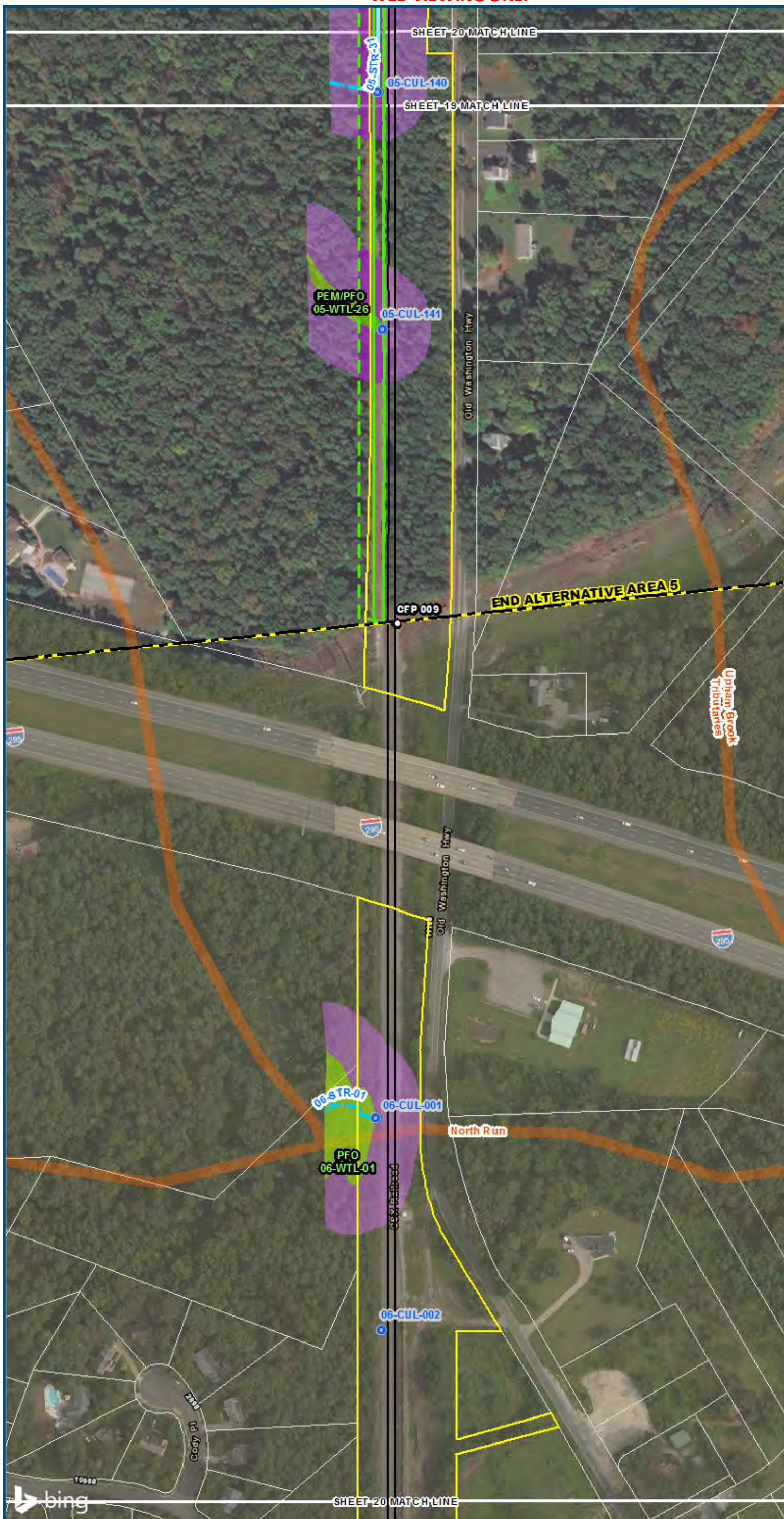


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**Mapbook E-2
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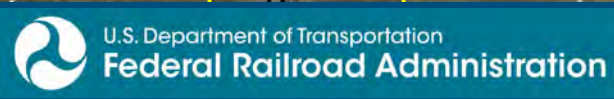
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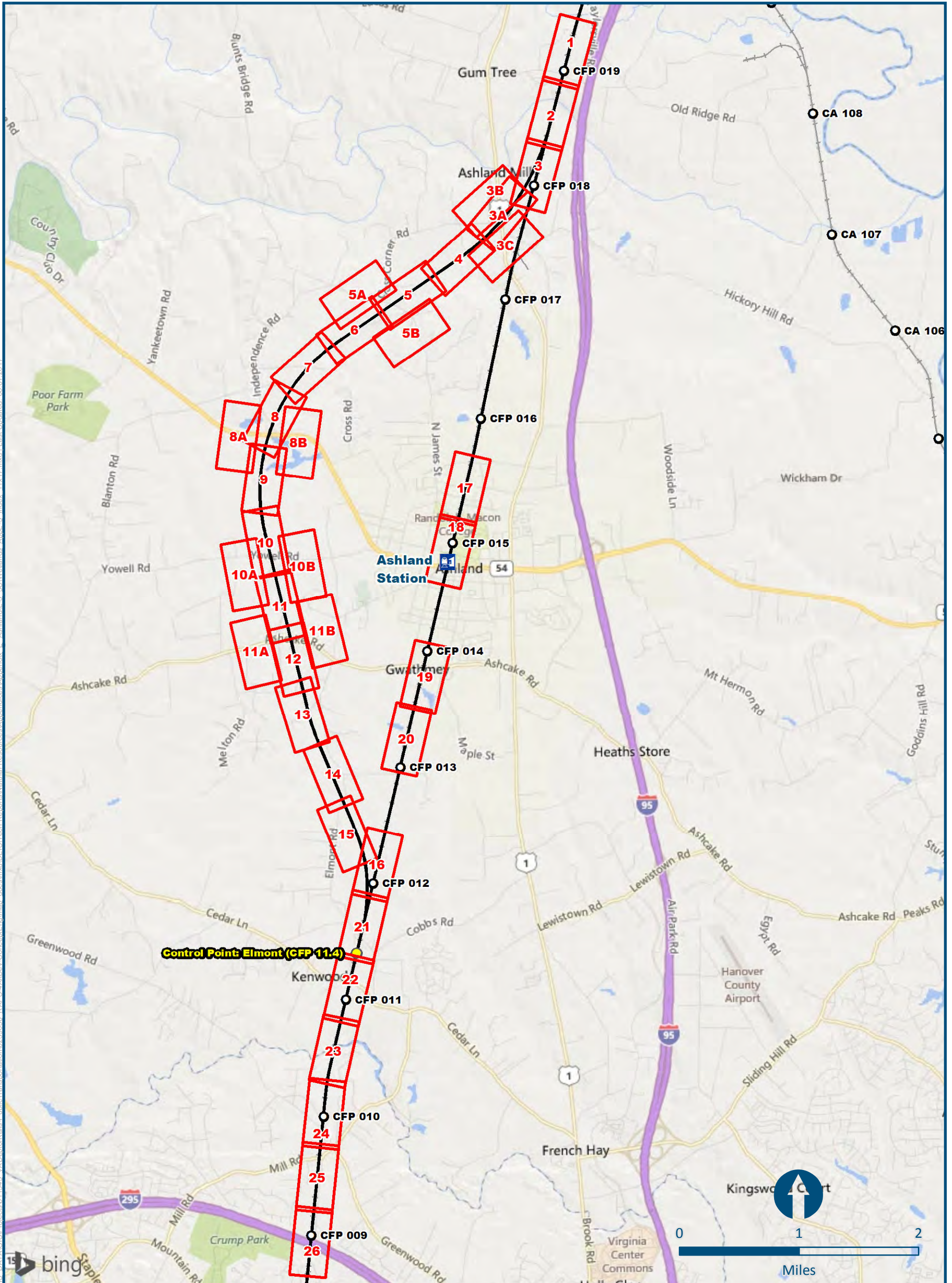
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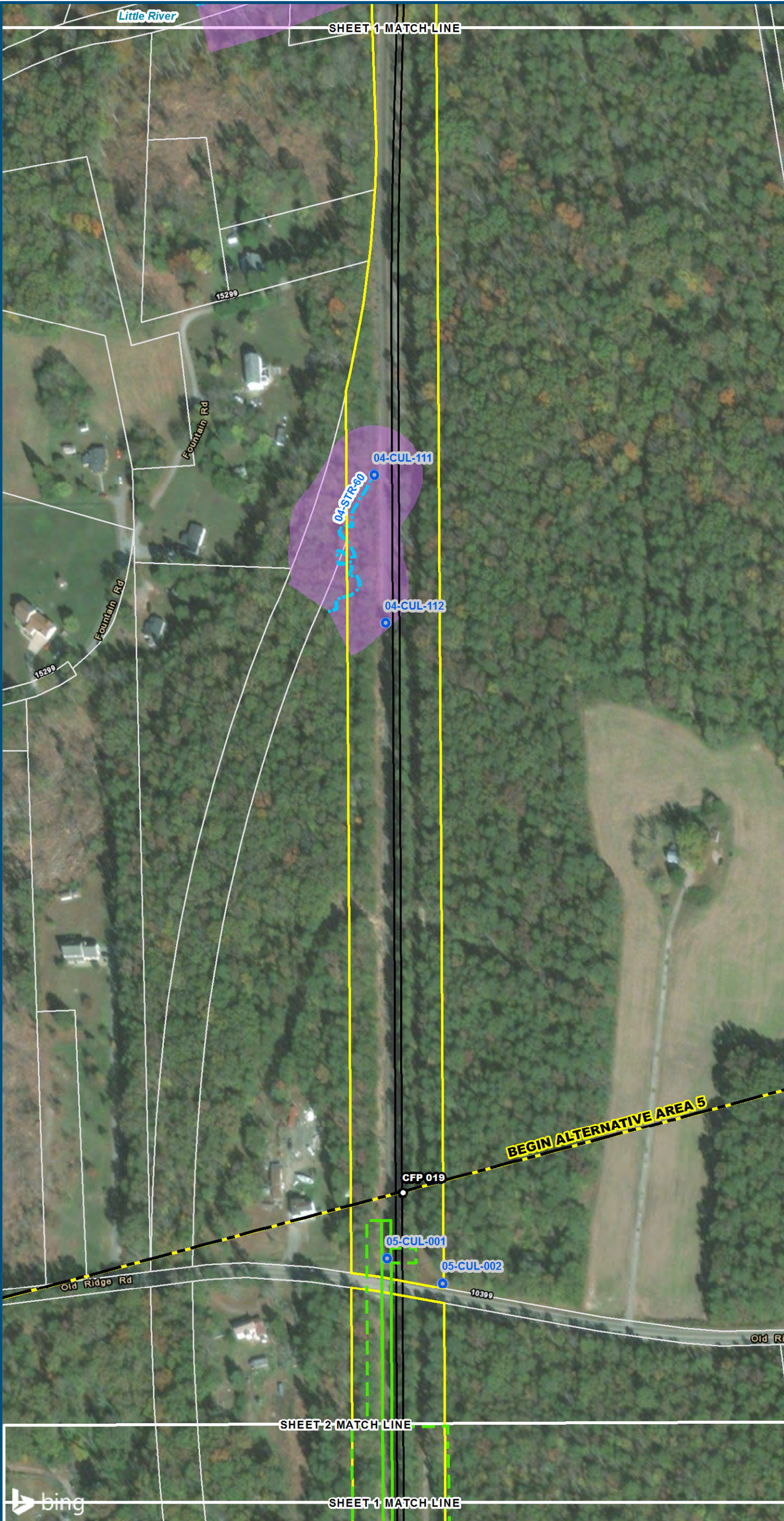


Appendix E-3: Build Alternatives 5C, 5C–Ashcake Add Two-Track West Bypass, Index Sheet 1 of 1



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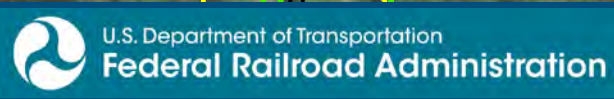


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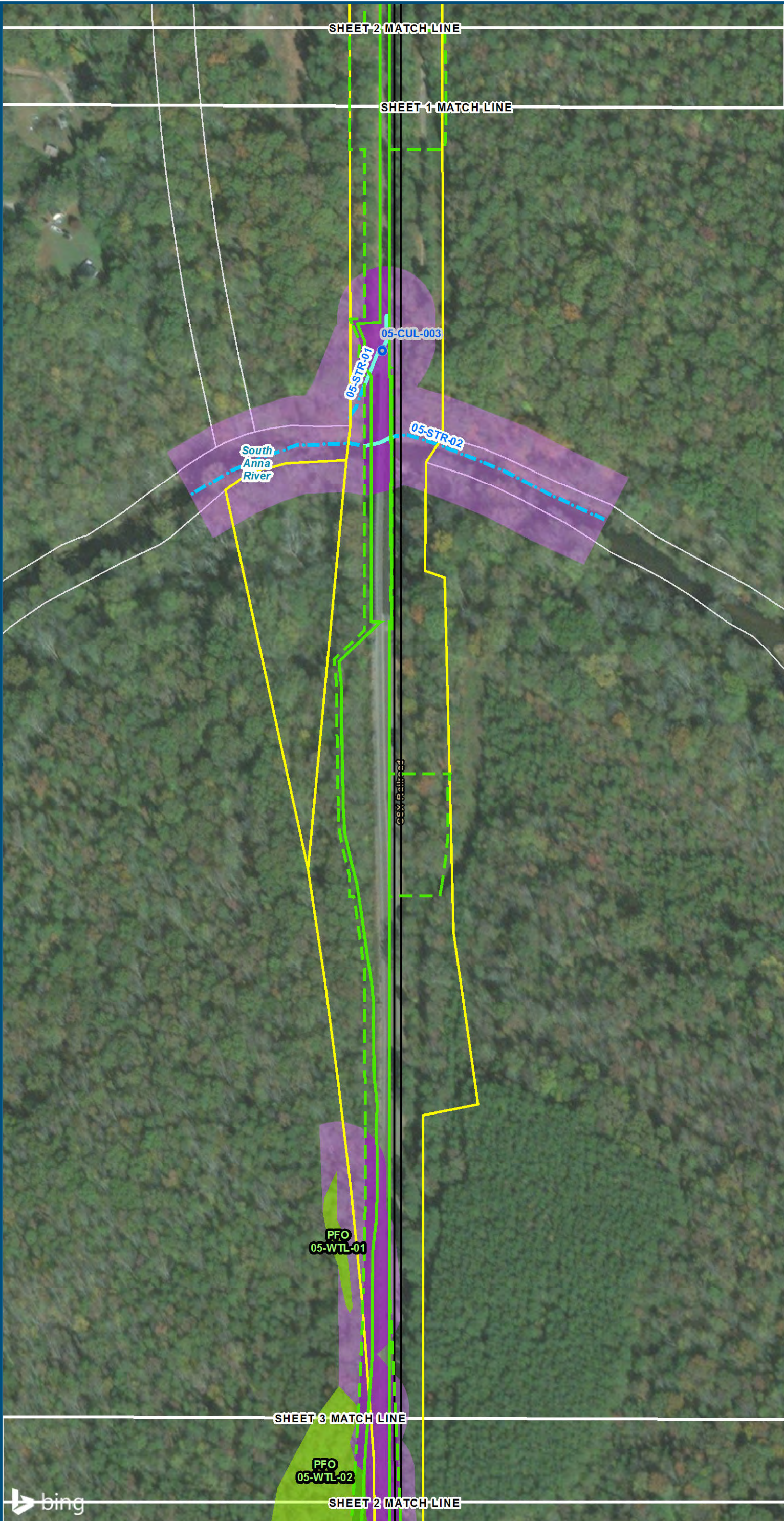
Mapbook E-3
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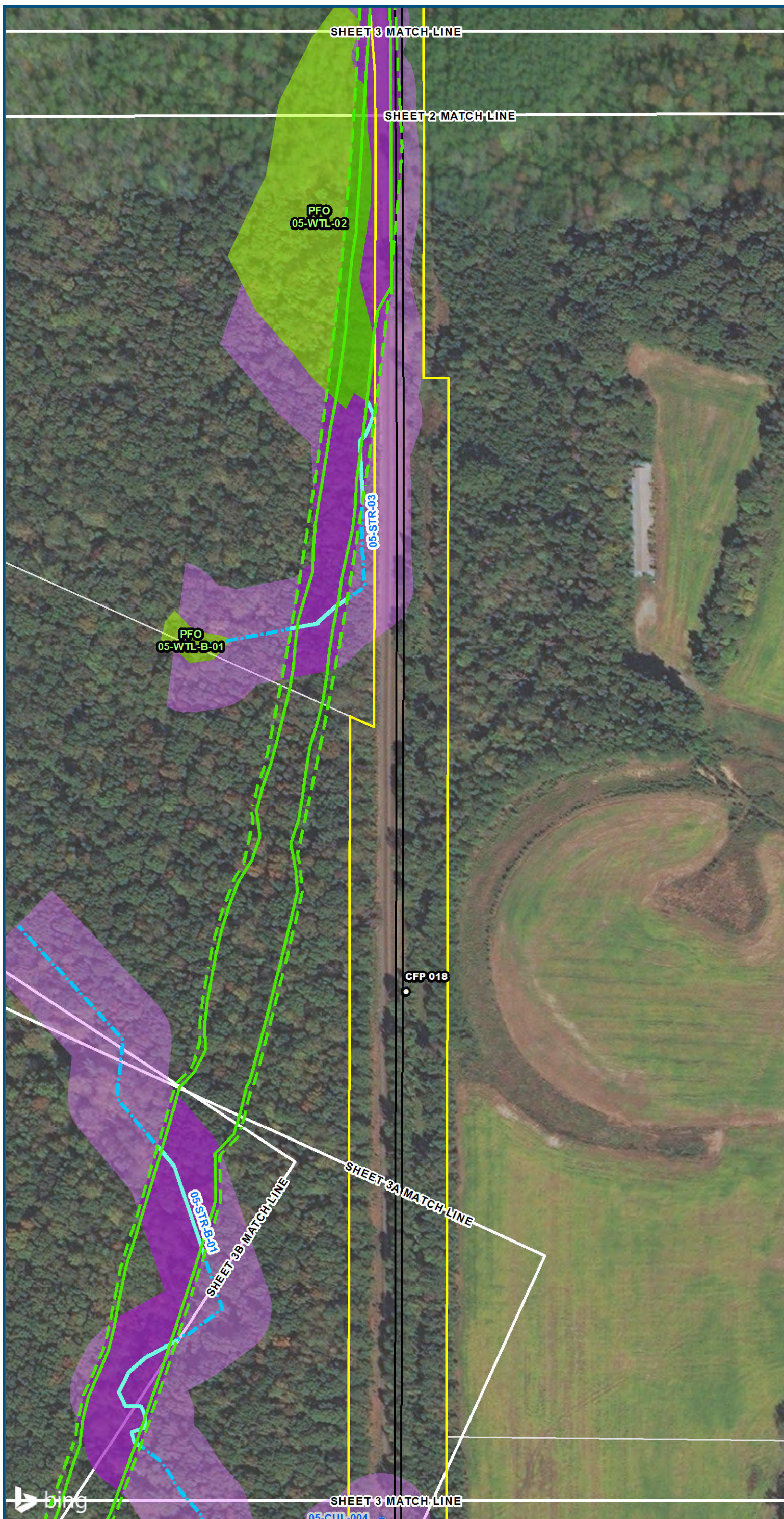
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**Mapbook E-3
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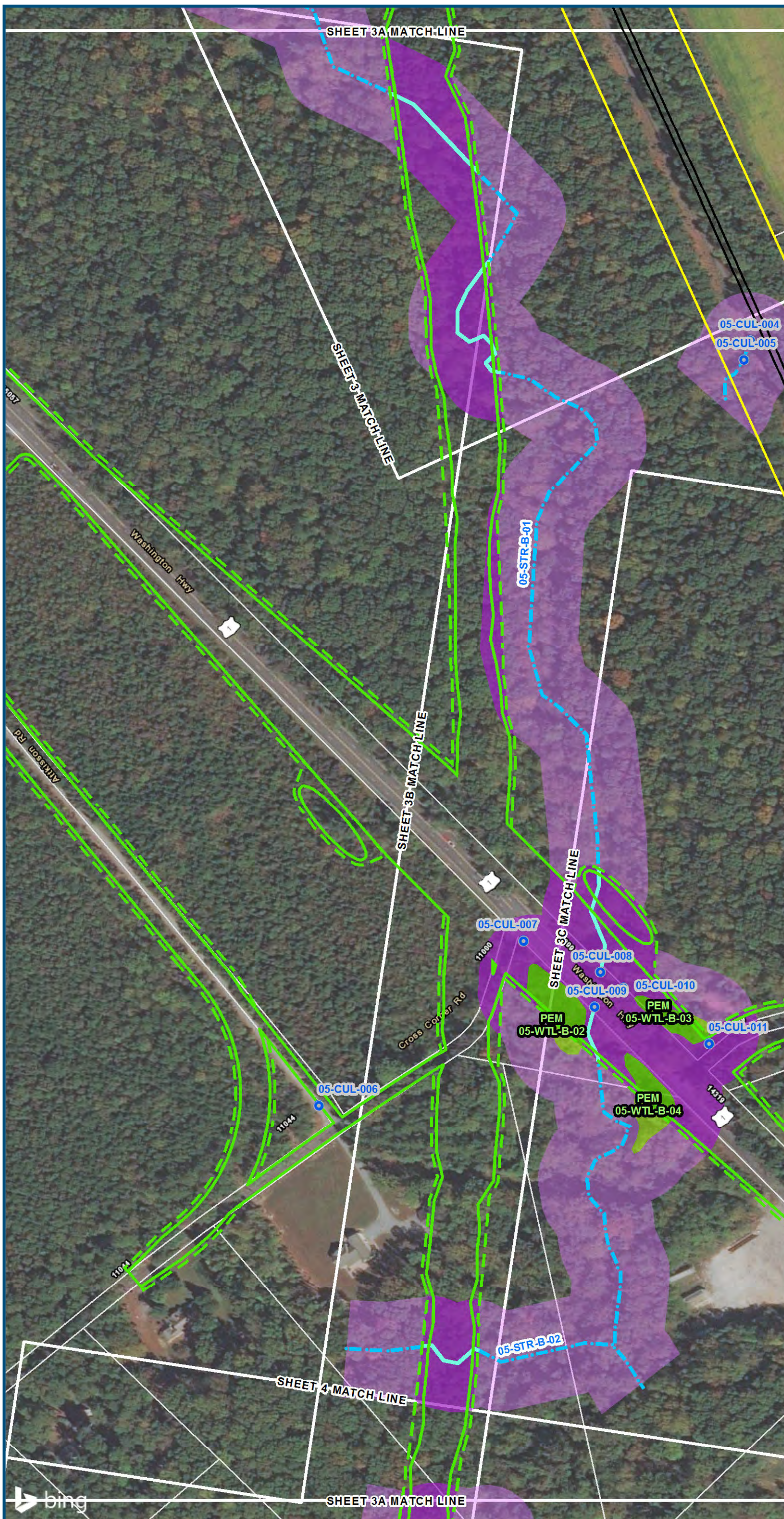
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**Mapbook E-3
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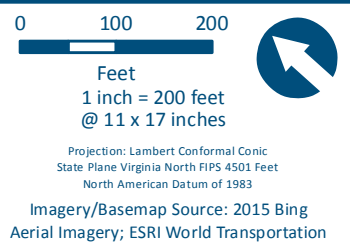
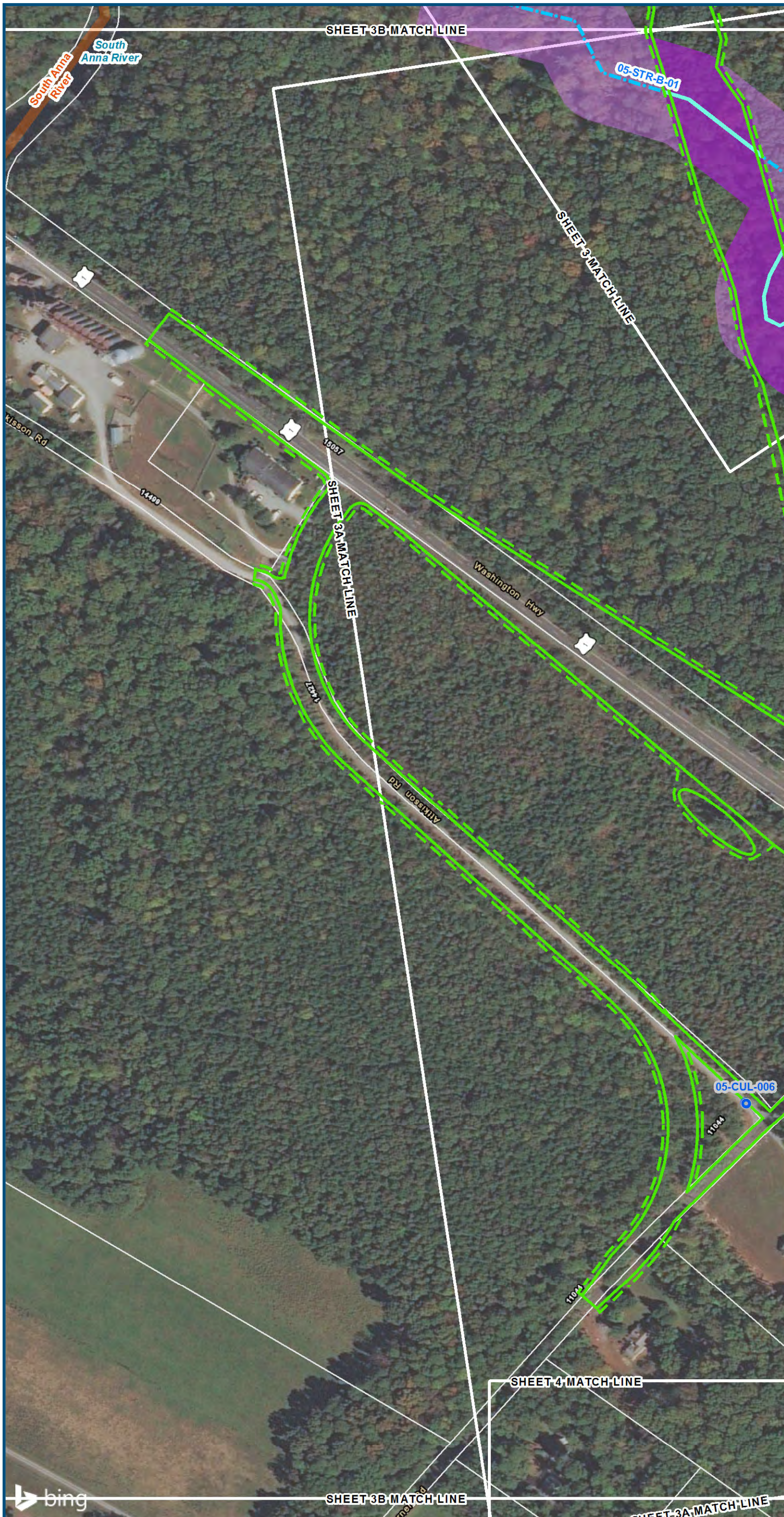
Sheet 3A of 26



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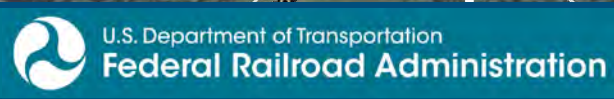


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**Mapbook E-3
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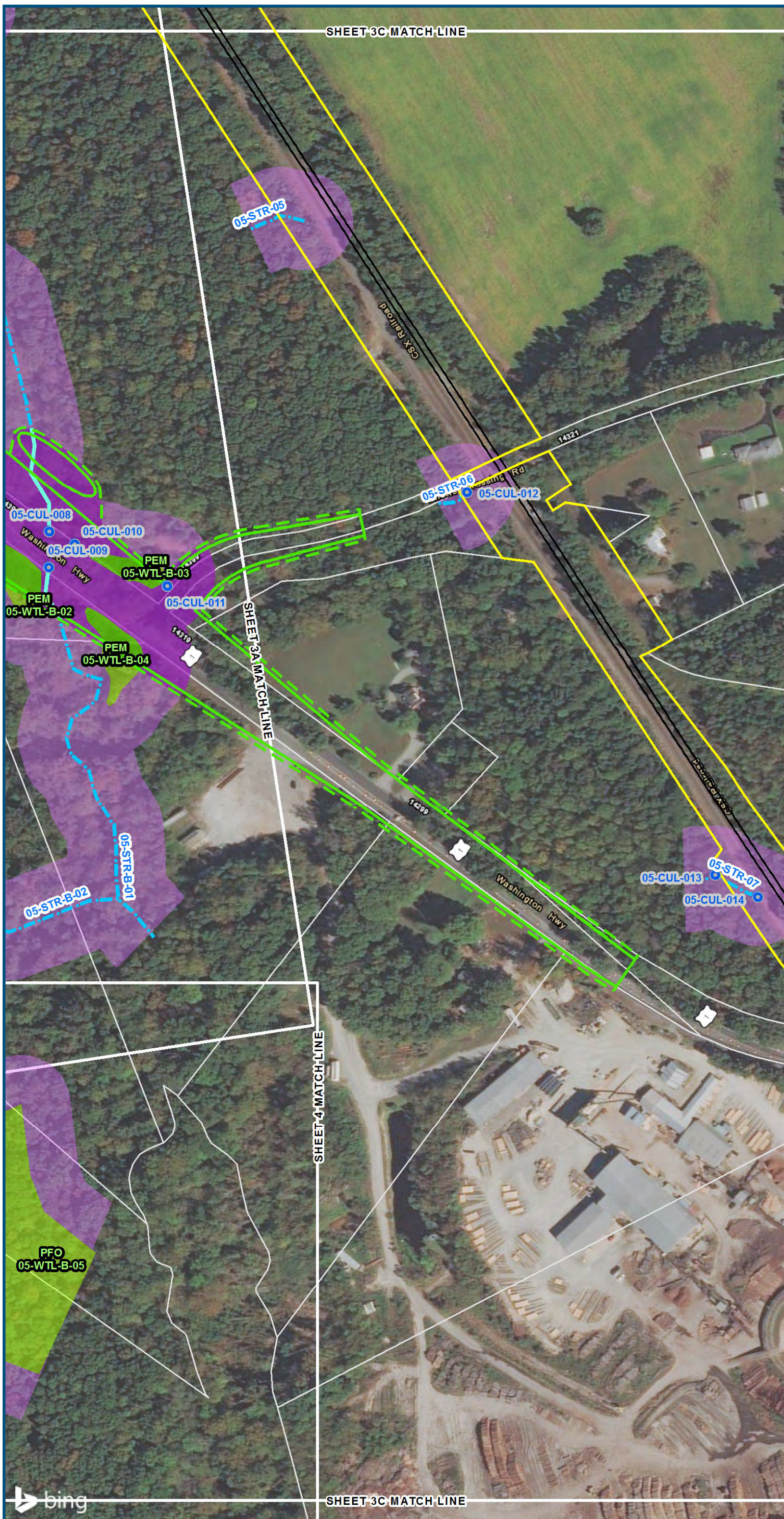
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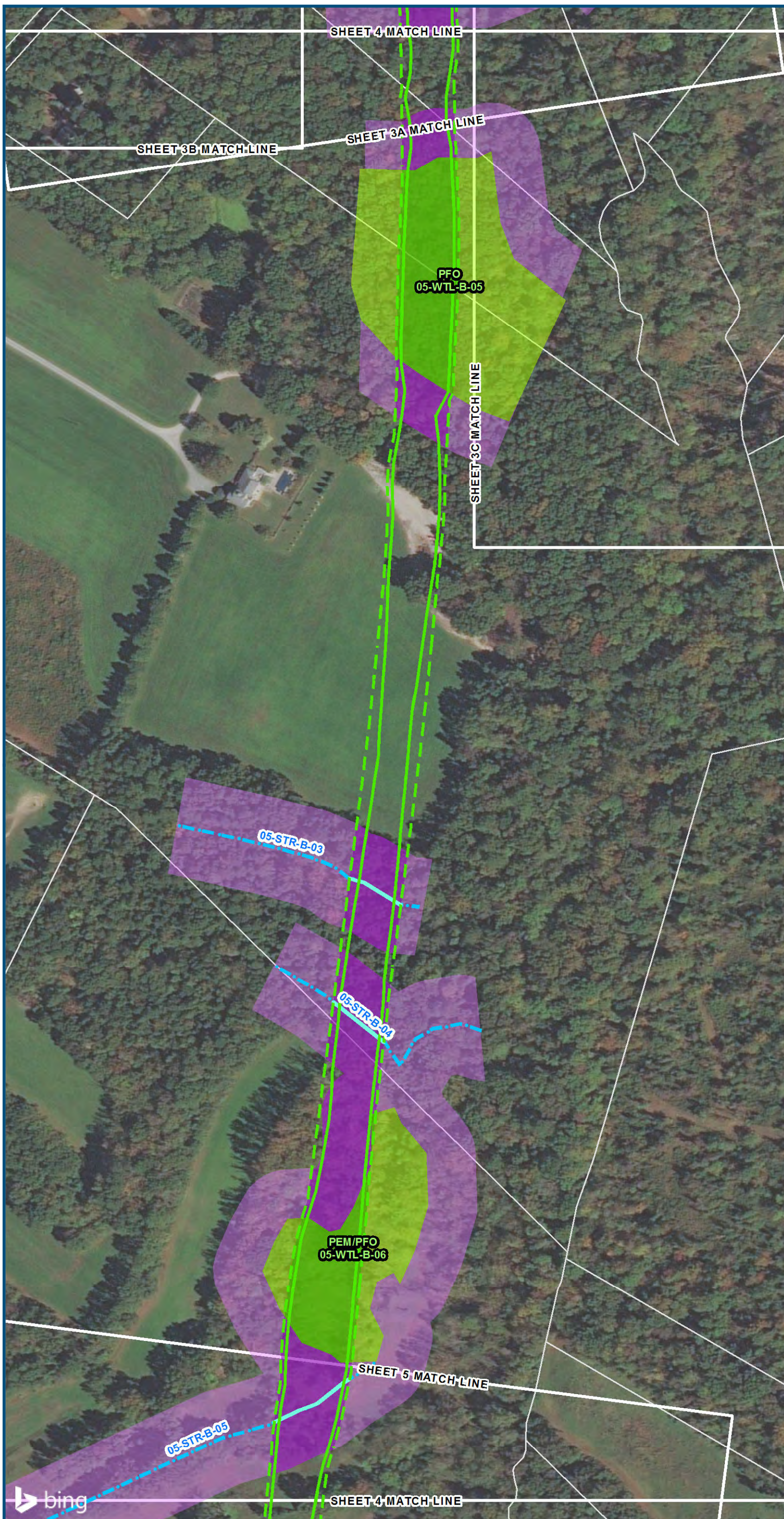
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**Mapbook E-3
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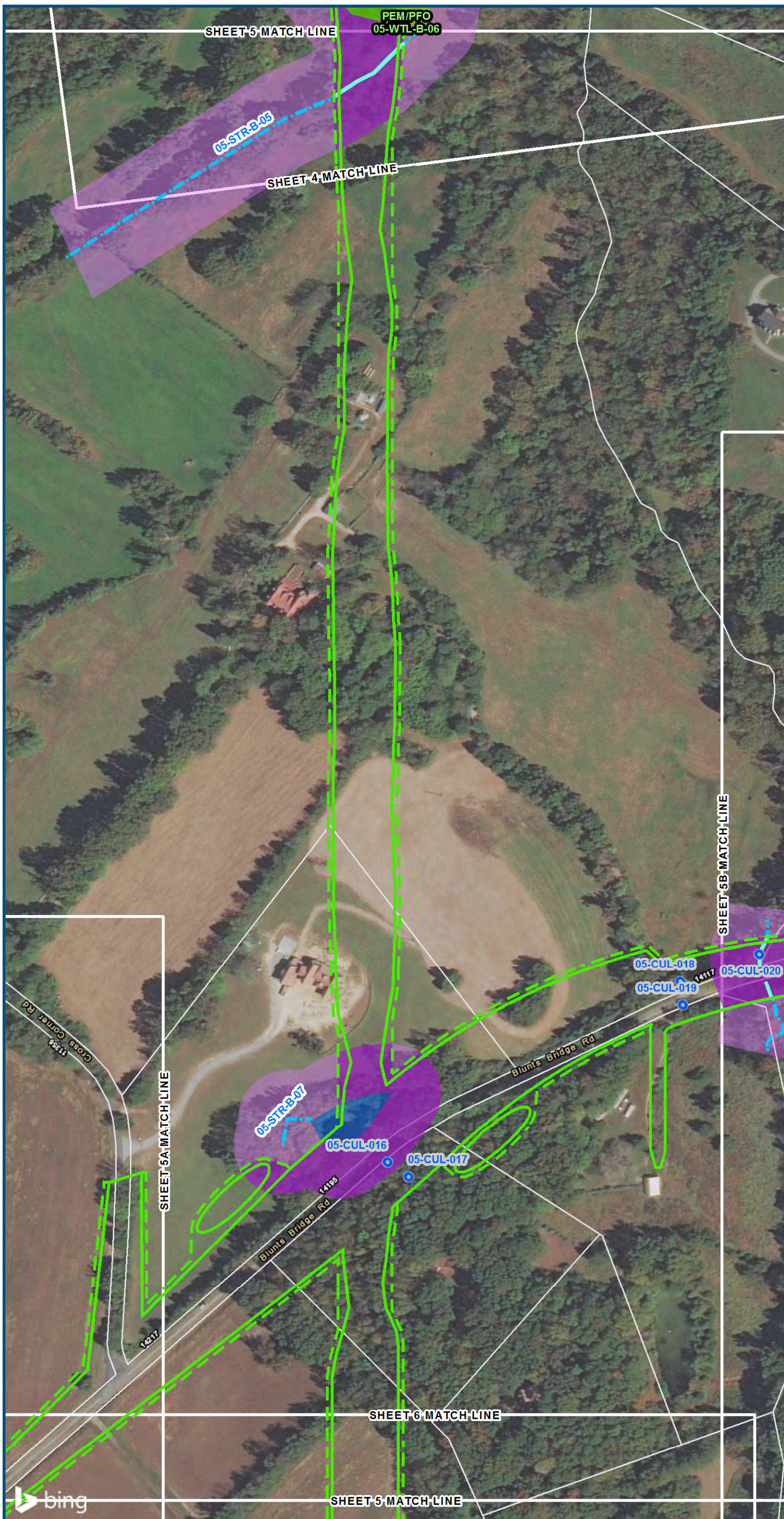
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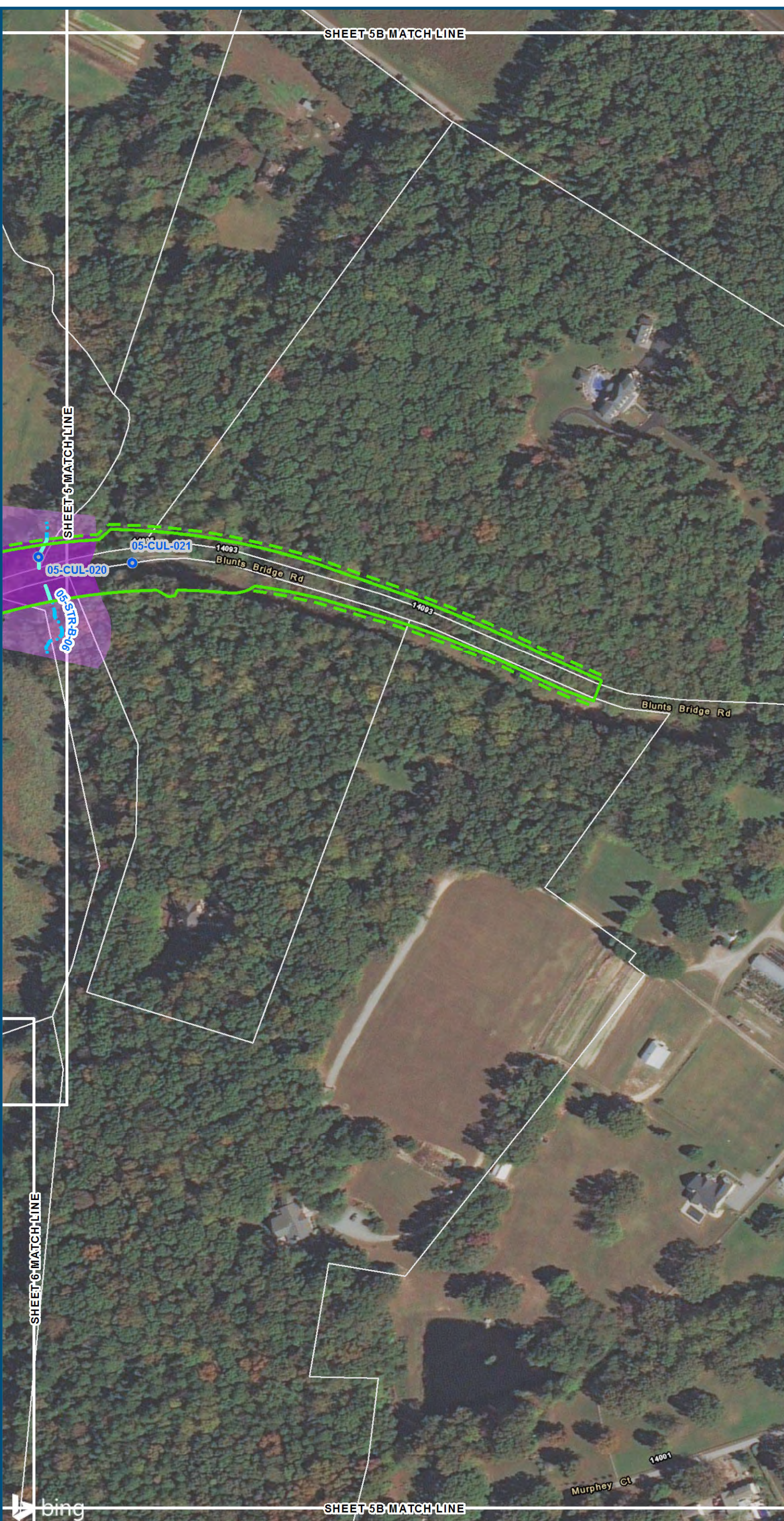
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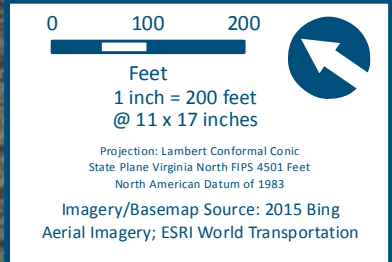
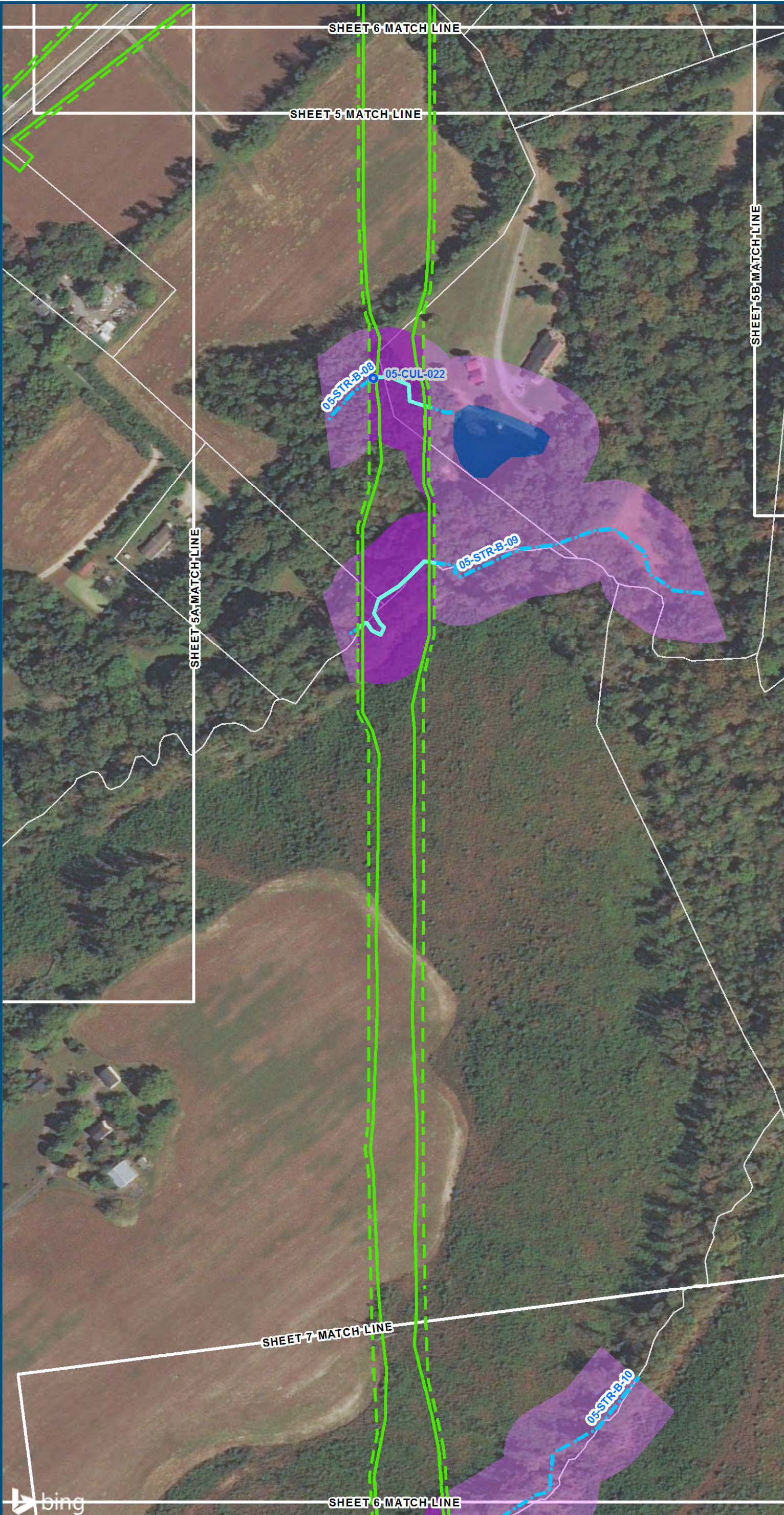


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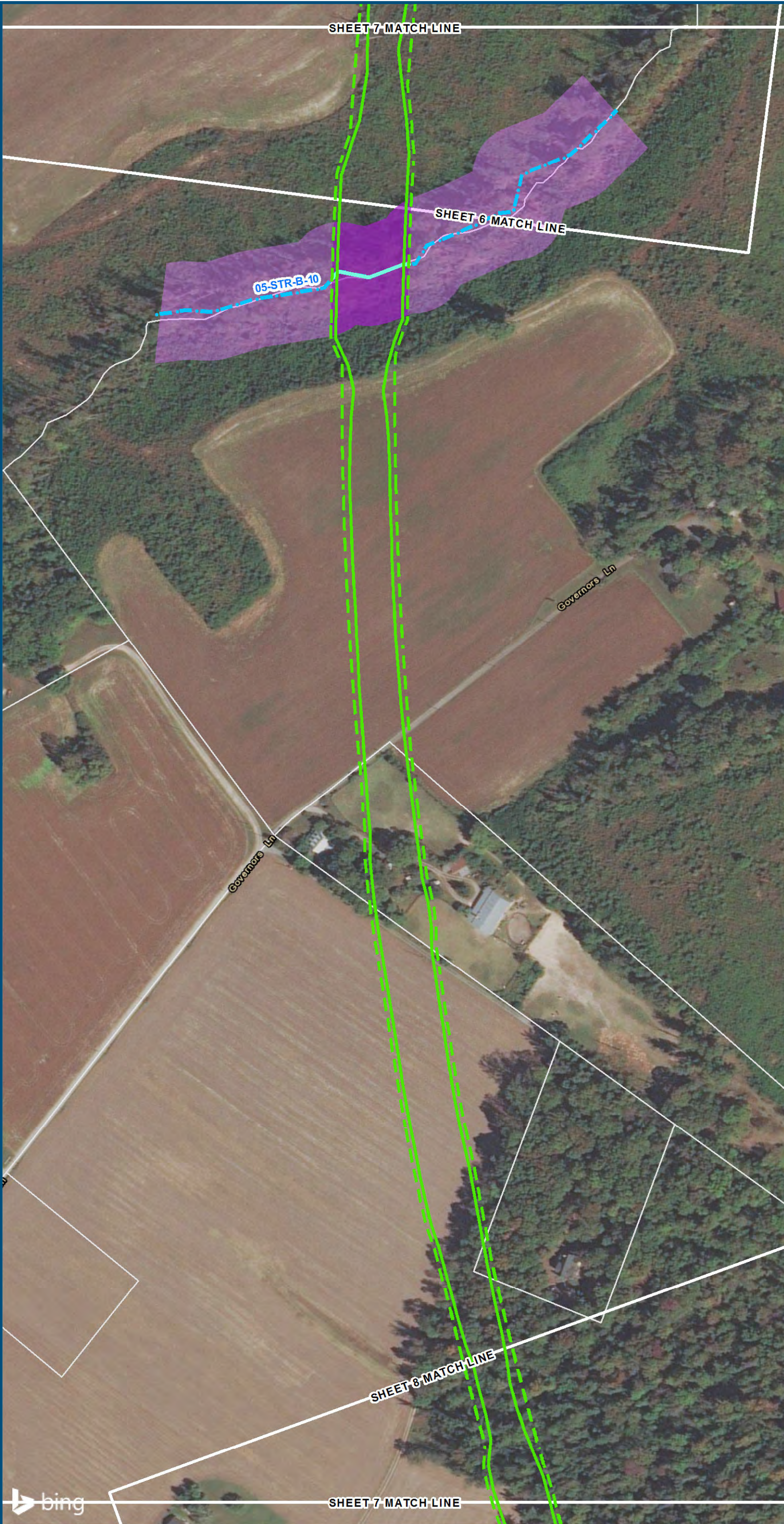
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(850-ft Platforms)**

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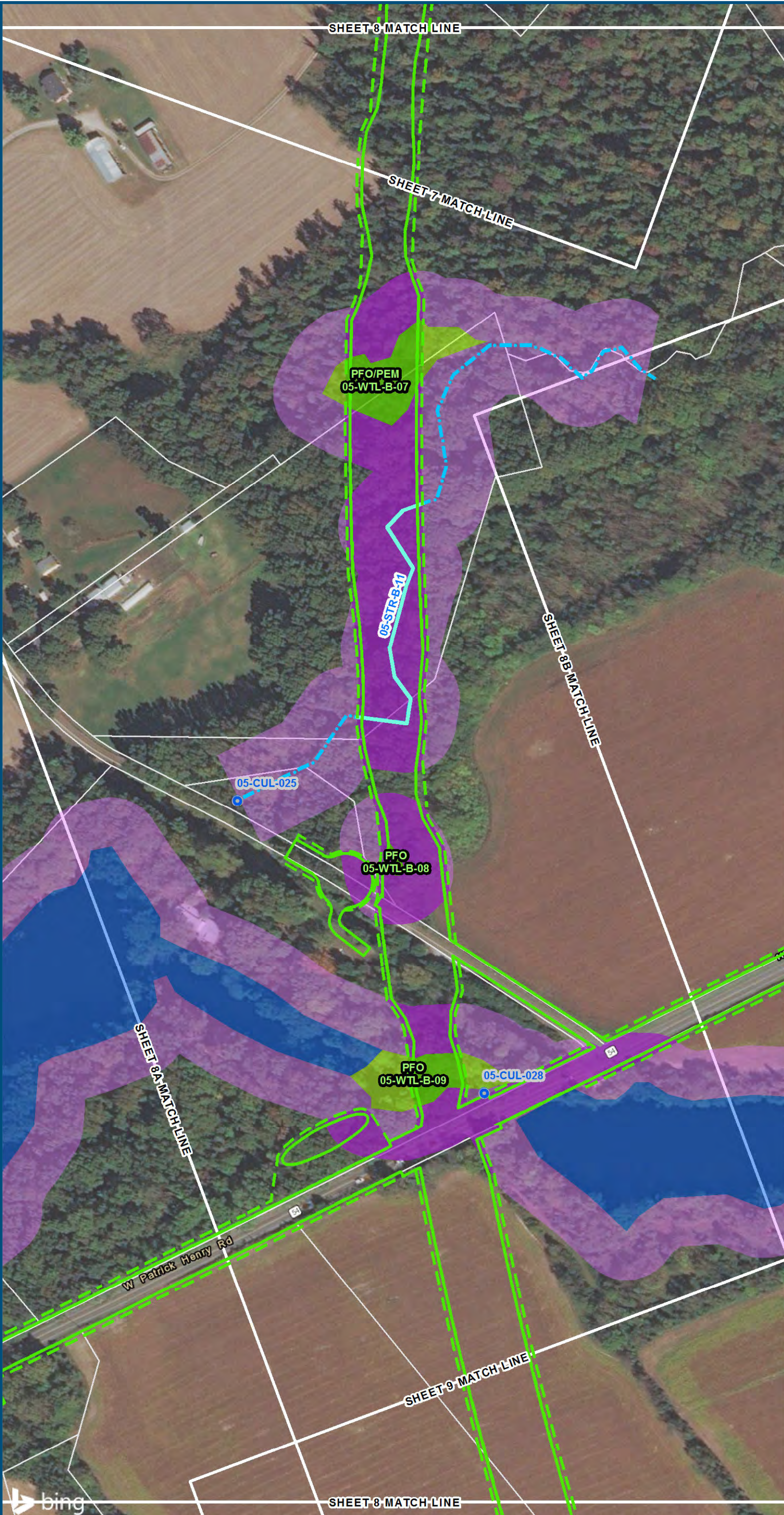


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Projection: Lambert Conformal Conic
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Imagery/Basemap Source: 2015 Bing
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**Mapbook E-3
Potential Impacts to
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Build Alternative 5C
Ashland
Add Two-Track West
Bypass
(850-ft Platforms)**

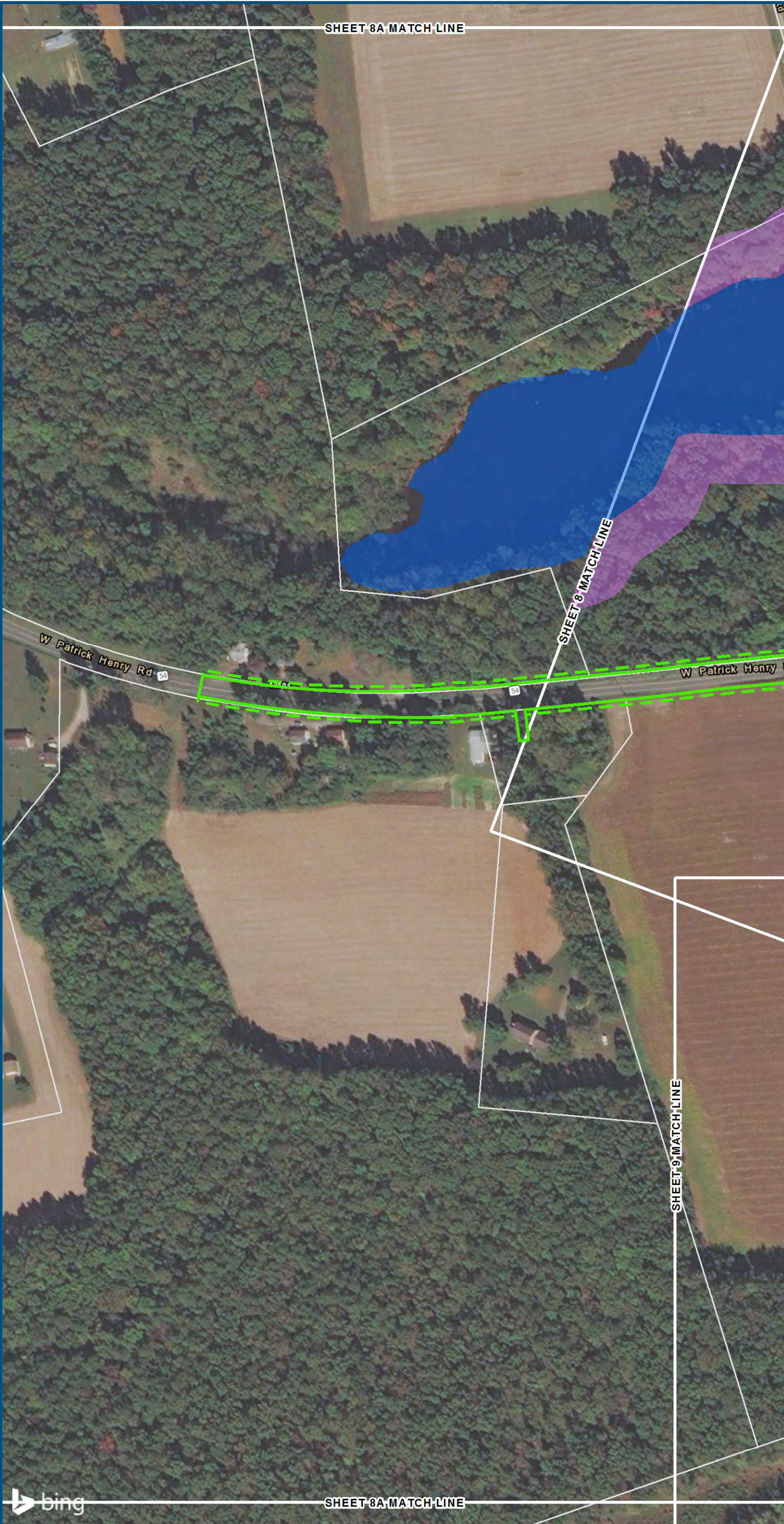
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**Mapbook E-3
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 Bypass
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Mapbook E-3
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Bypass
(850-ft Platforms)

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**Mapbook E-3
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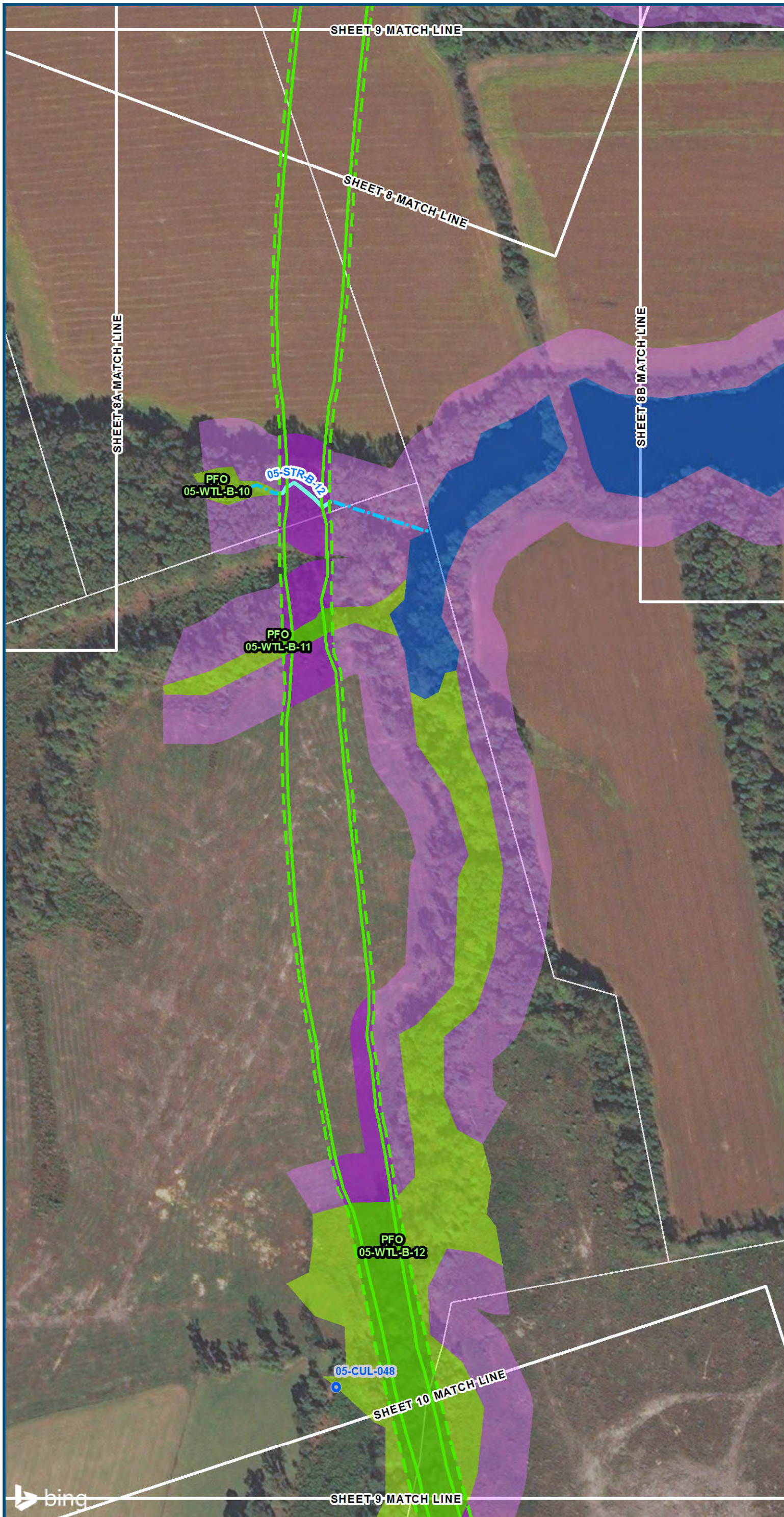
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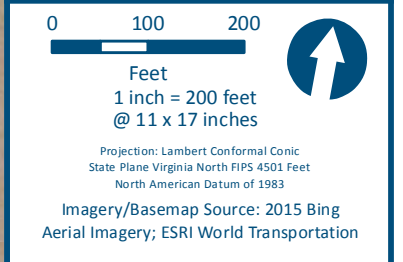
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**Mapbook E-3
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**Mapbook E-3
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**Mapbook E-3
Potential Impacts to
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Build Alternative 5C
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Add Two-Track West
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SHEET 10A MATCH-LINE

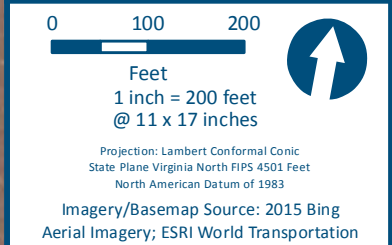
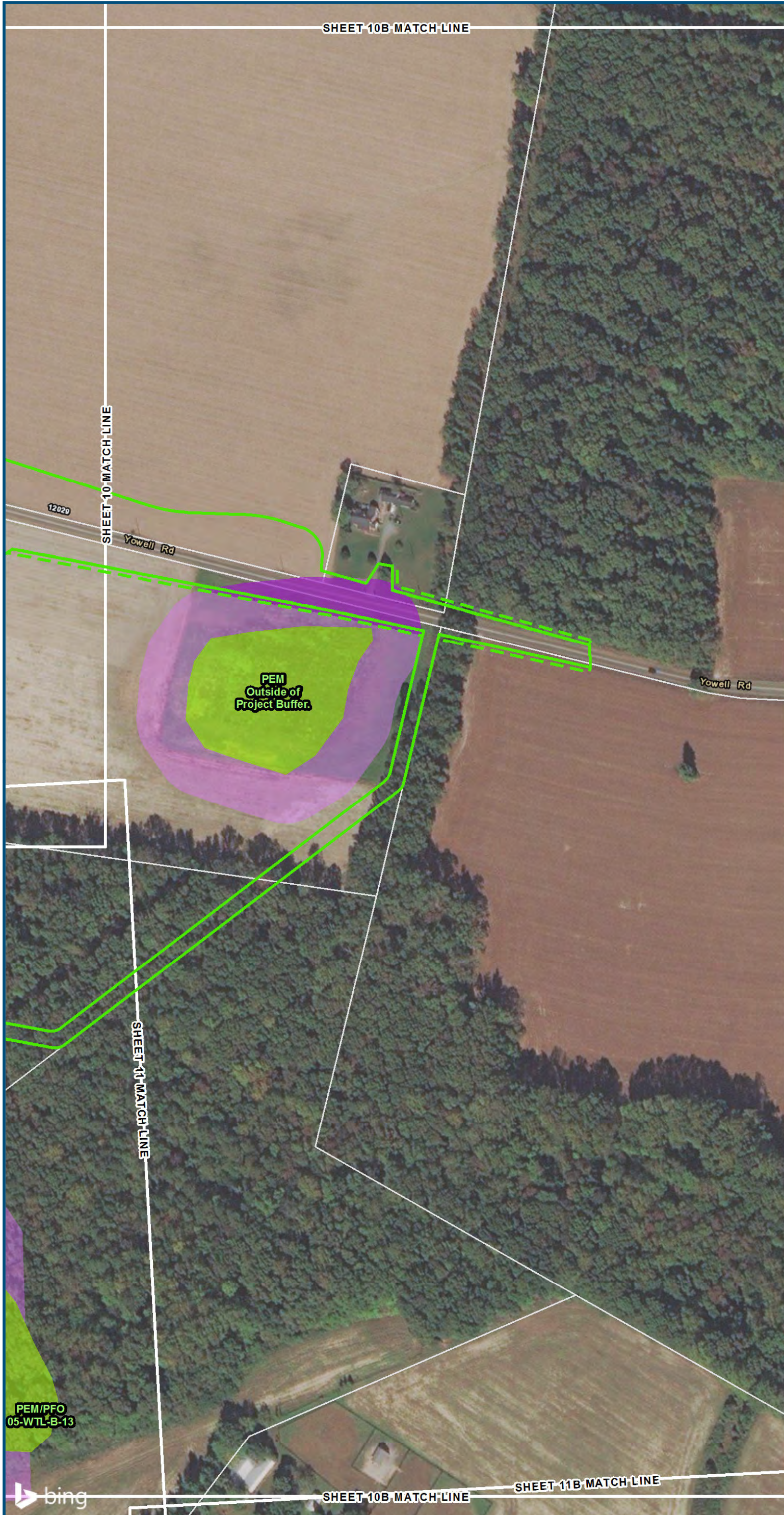


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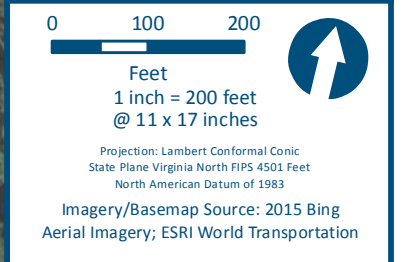
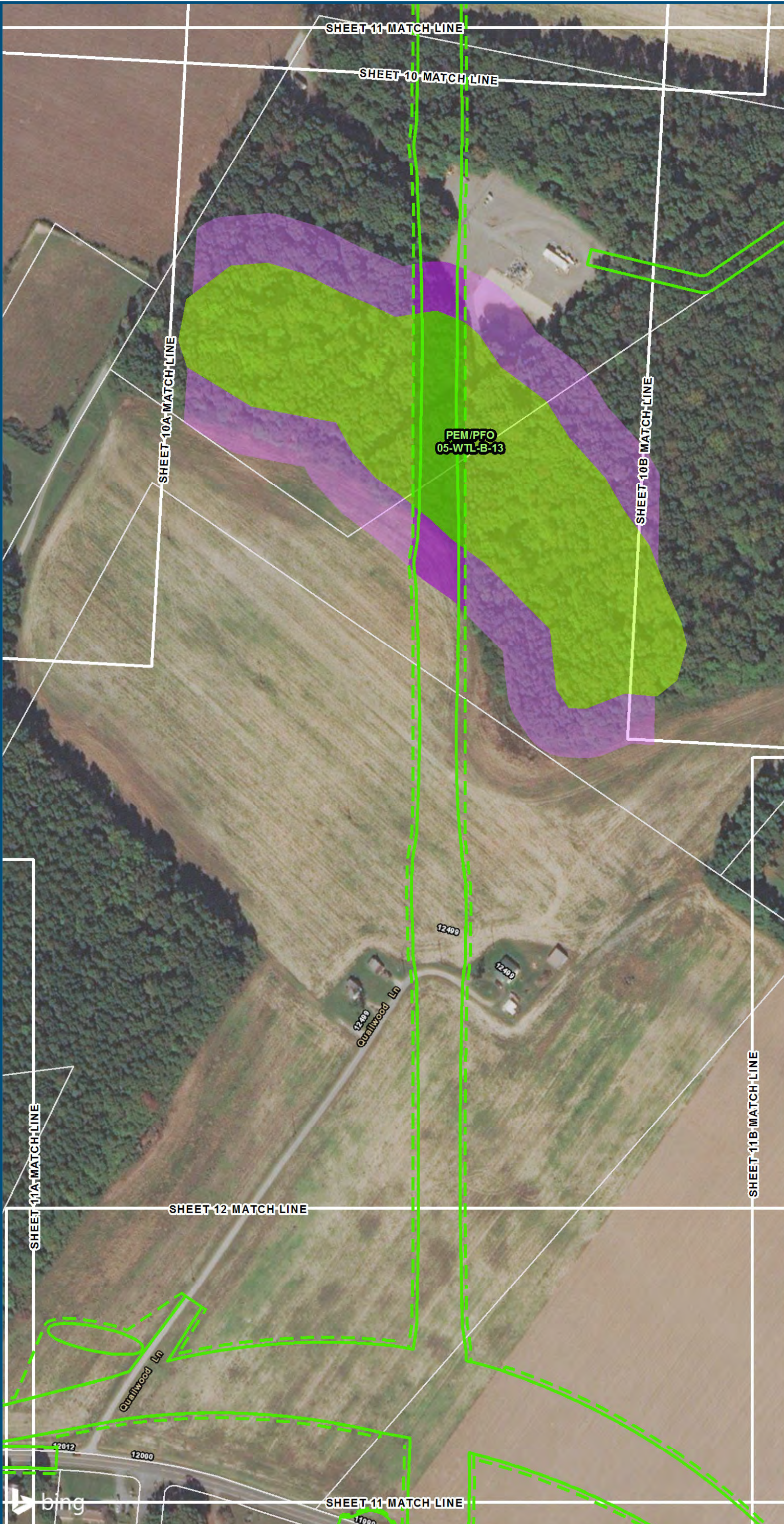
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**Mapbook E-3
Potential Impacts to
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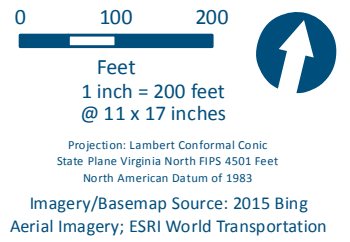
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**Mapbook E-3
Potential Impacts to
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Build Alternative 5C
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Add Two-Track West
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(850-ft Platforms)**

SHEET 11A MATCH-LINE

SHEET 11 MATCH-LINE

SHEET 12 MATCH-LINE



Legend

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SHEET 11A MATCH-LINE



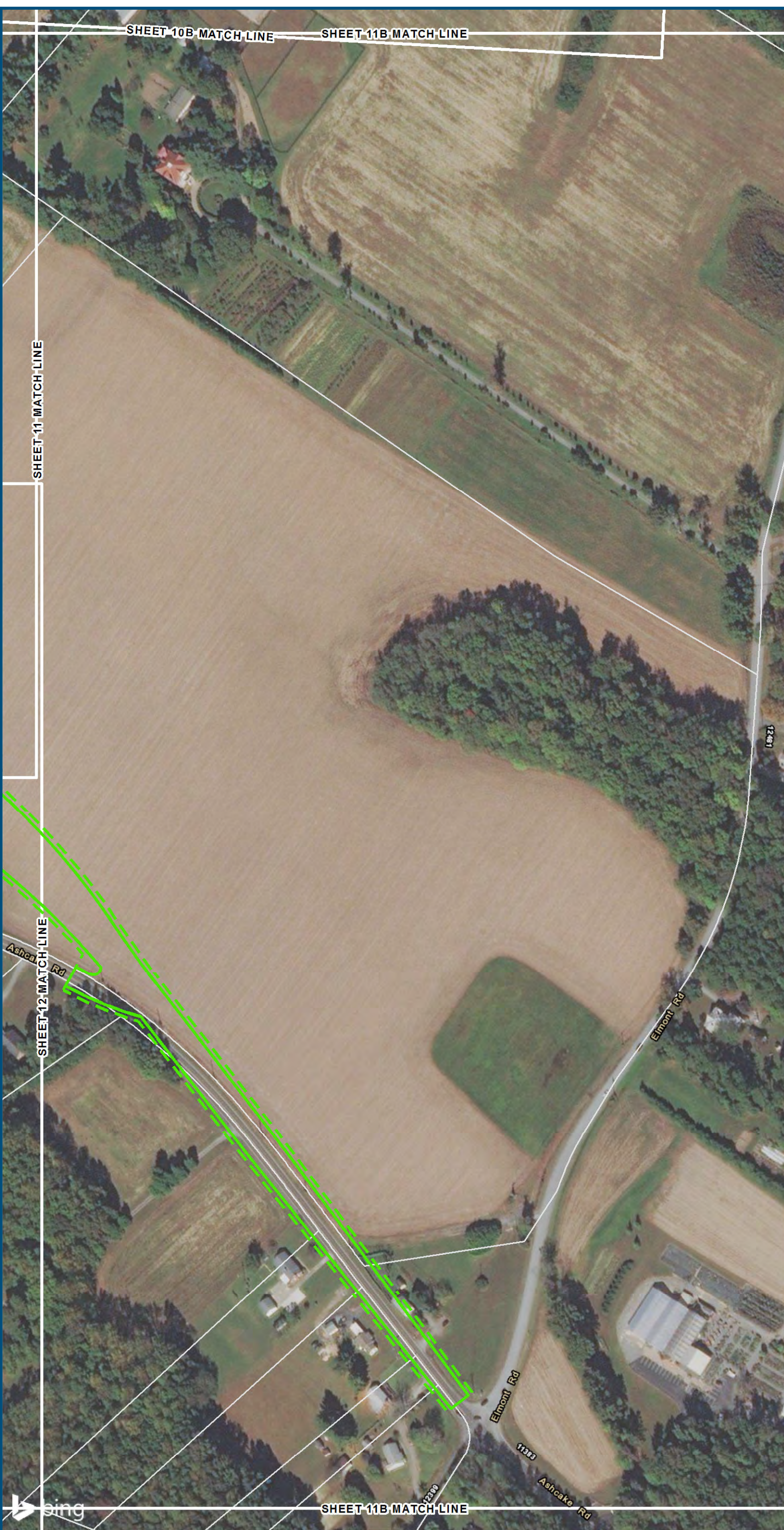
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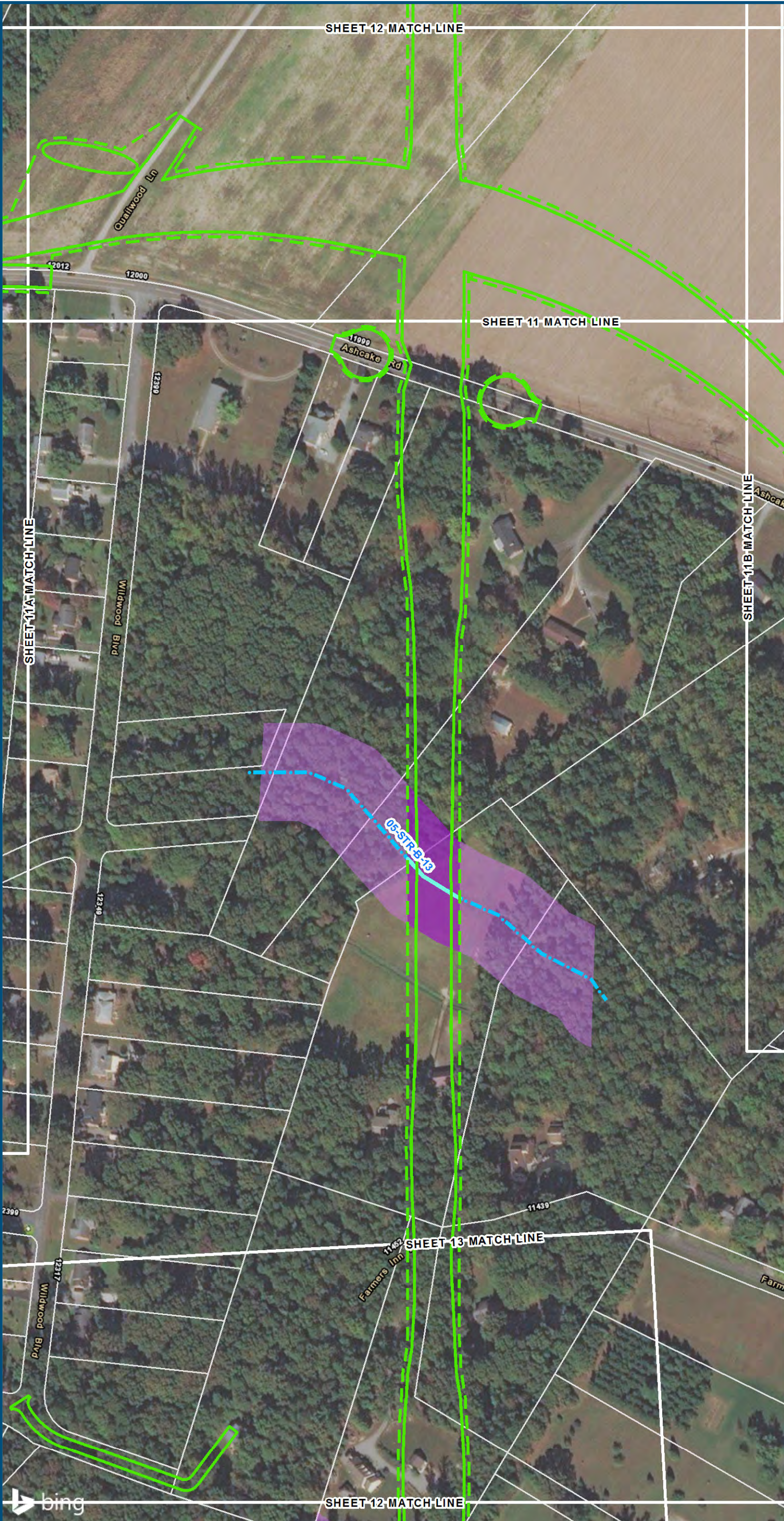


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**Mapbook E-3
Potential Impacts to
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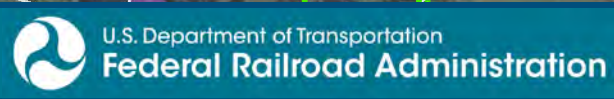
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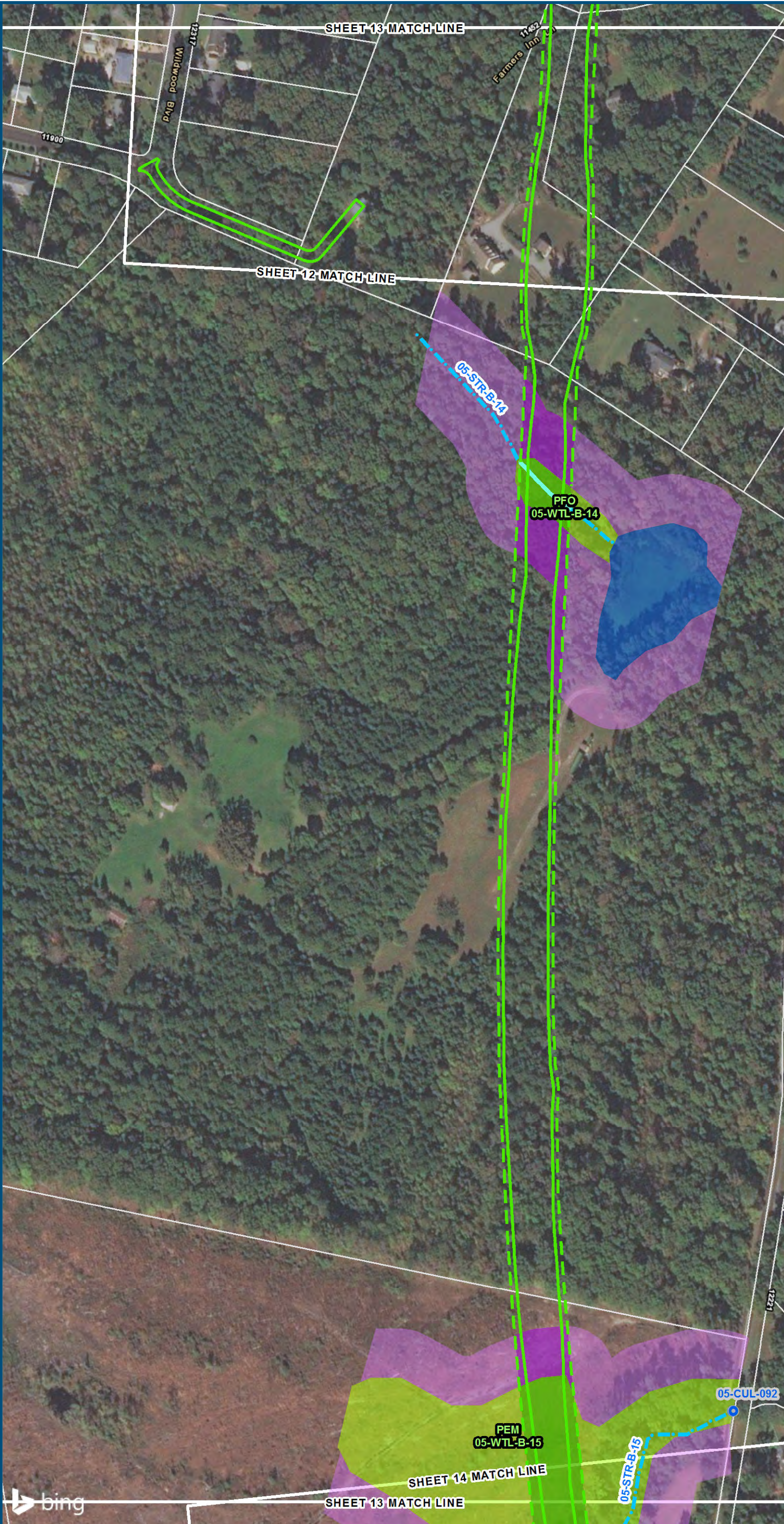
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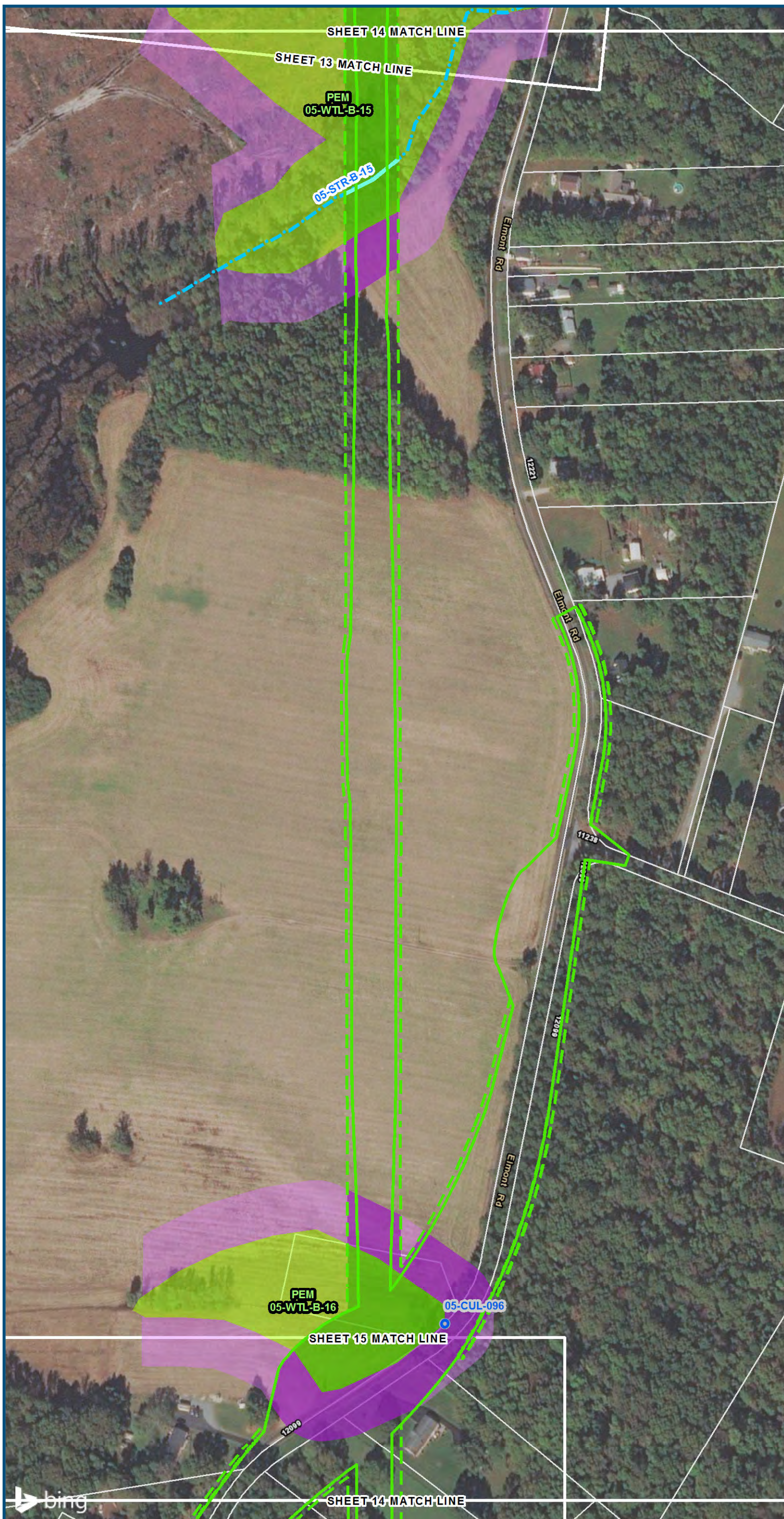
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Potential Impacts to
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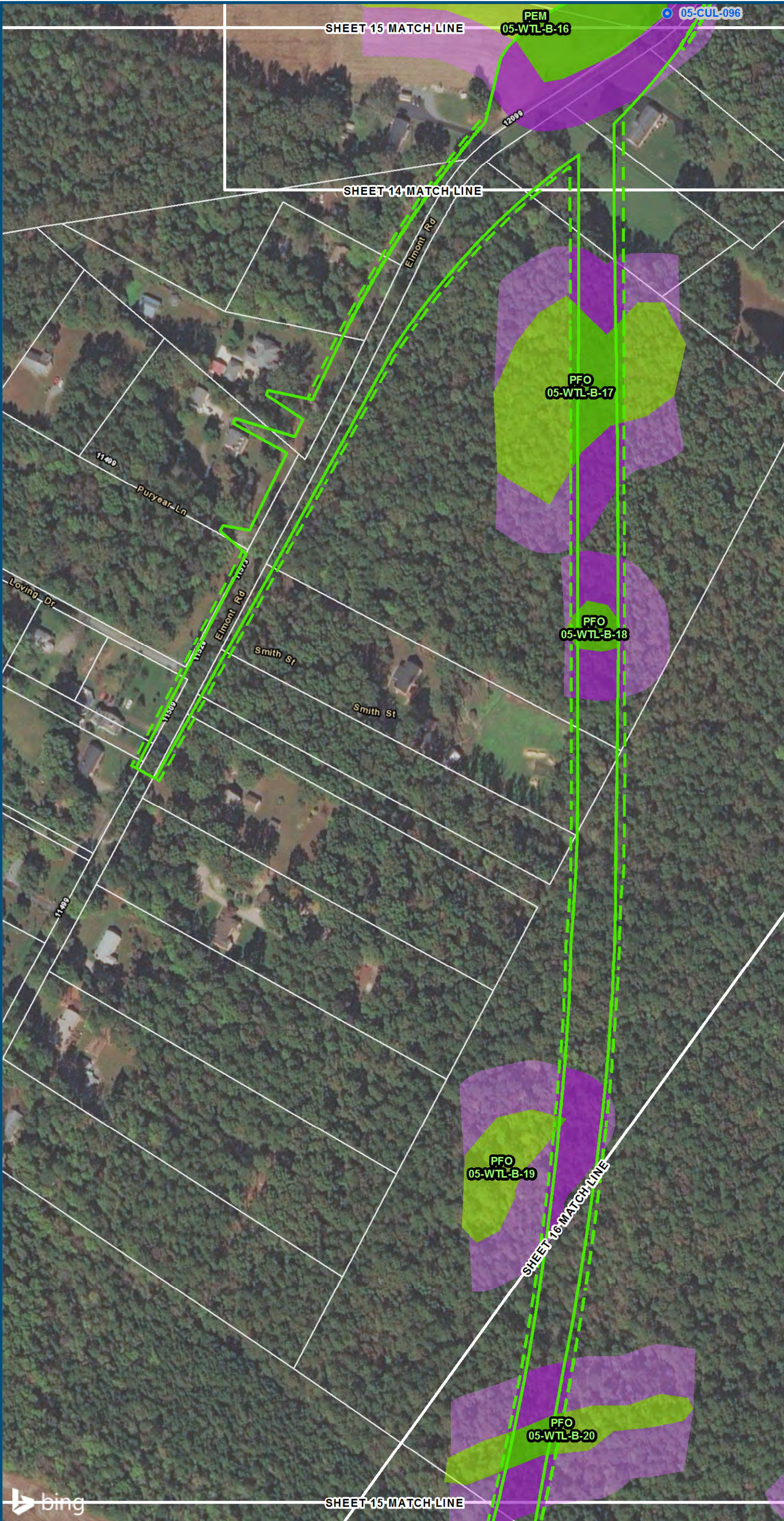
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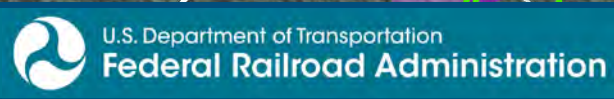
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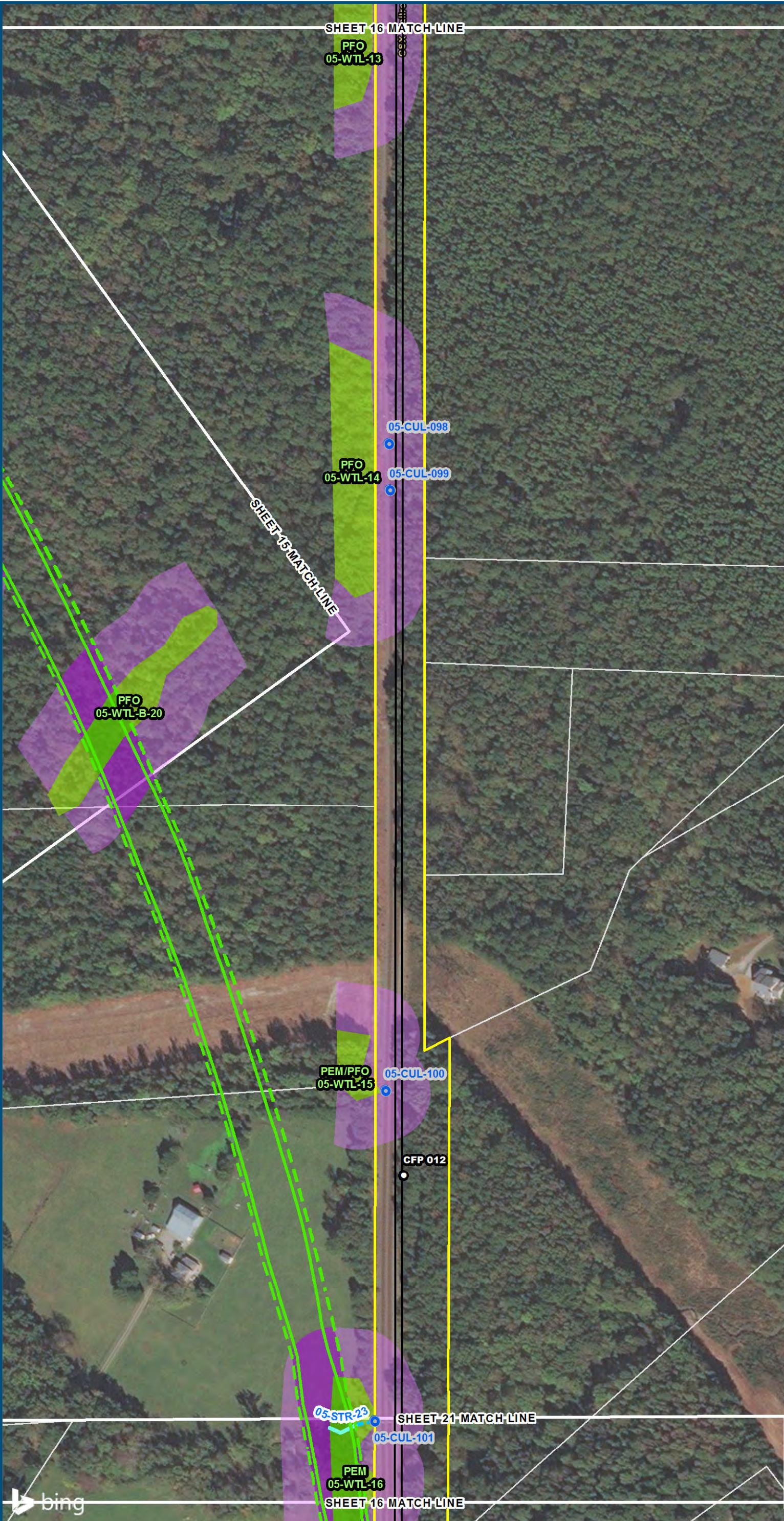
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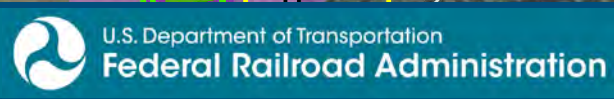
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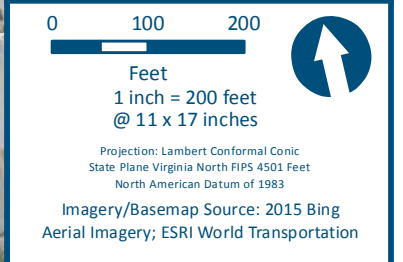
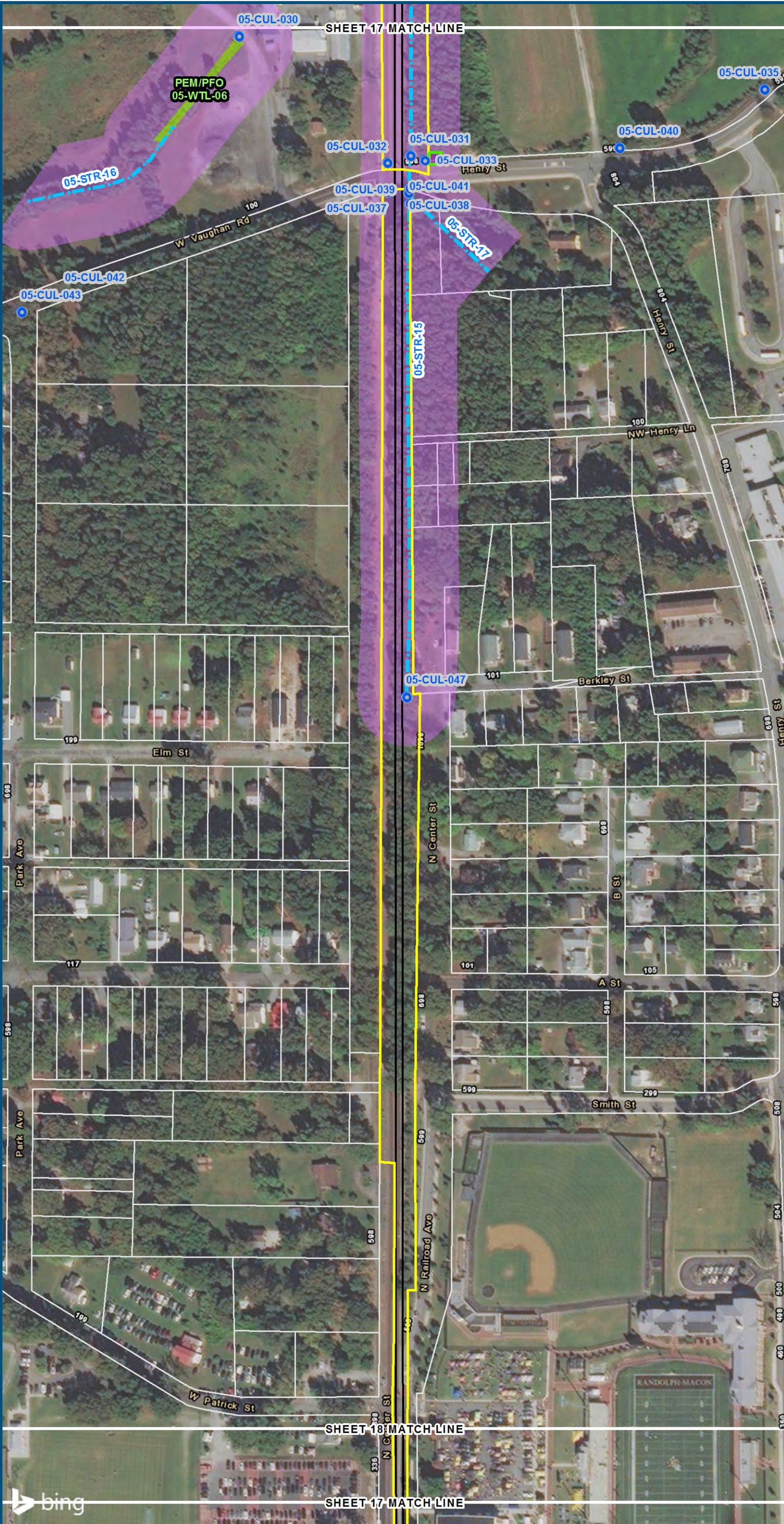
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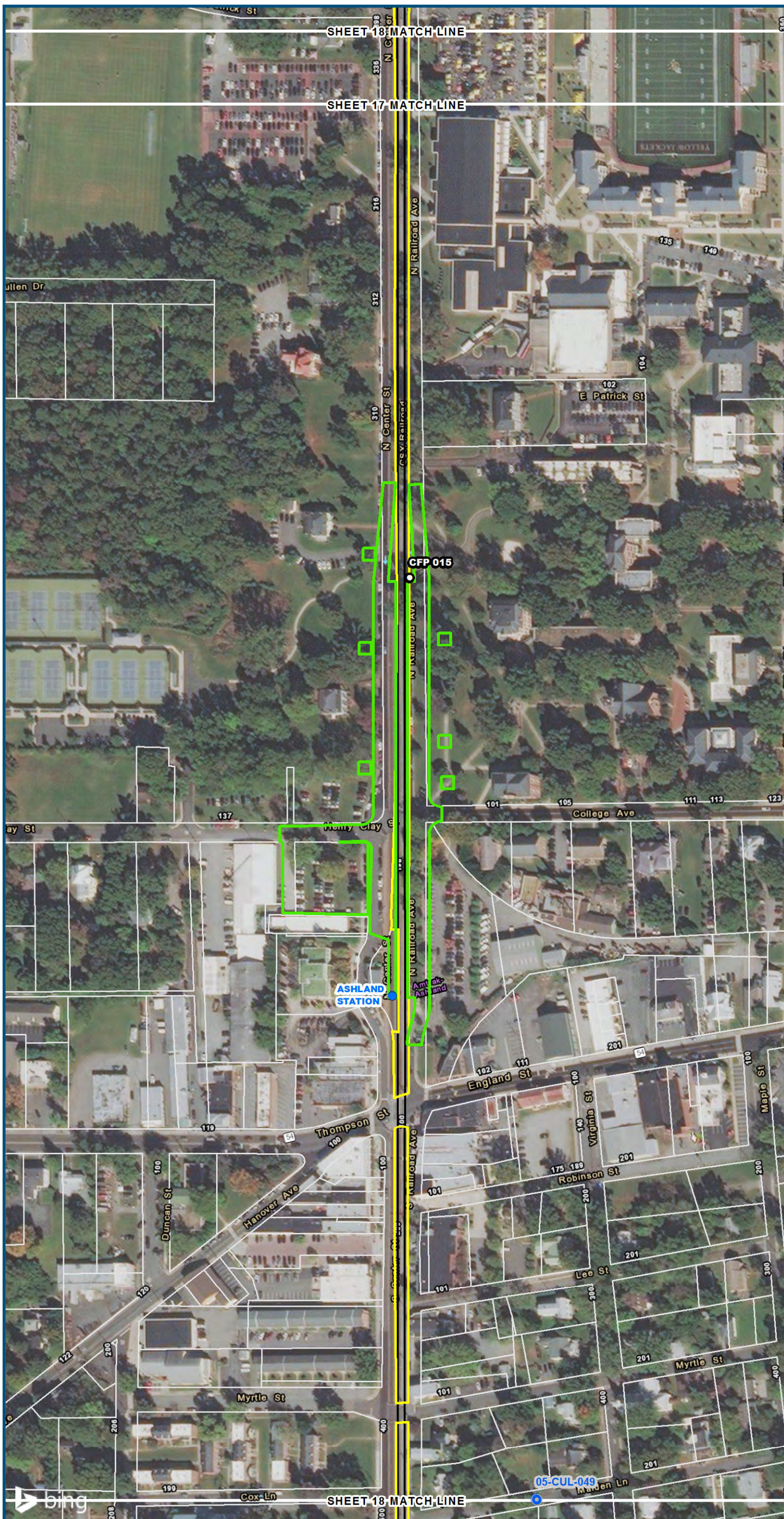
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Bypass
(850-ft Platforms)

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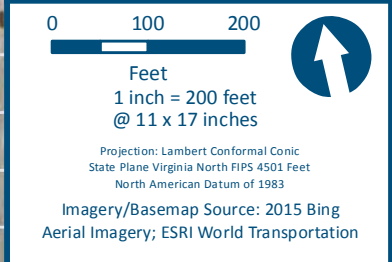
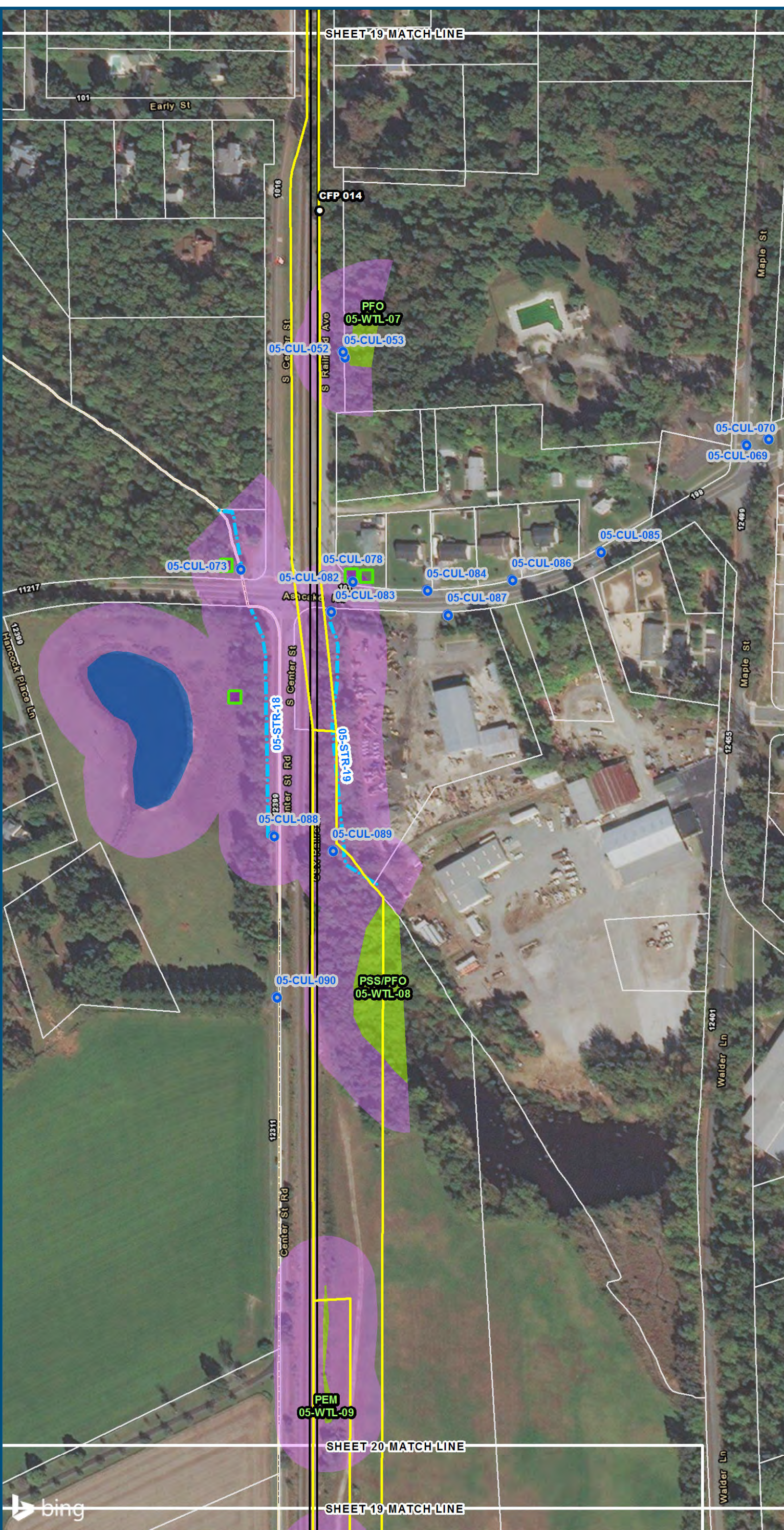
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 Imagery/Basemap Source: 2015 Bing
 Aerial Imagery; ESRI World Transportation

Legend

- Permanent Limits of Disturbance
 - Temporary Limits of Disturbance
 - CSXT Mileposts
 - Track - Existing
 - Stations
 - Culverts
 - Delineated Stream Impacts
 - Delineated Streams
 - Major River Impacts
 - Waterbodies
 - Delineated Wetlands
 - Delineated Wetland Impacts
 - Resource Protection Areas
 - Resource Protection Area Impacts
 - Impaired Waters
 - CSXT ROW (County Parcel Data)
 - City/County Parcels
 - City/County Boundary
- (Virginia Department of Environmental Quality)*

**Mapbook E-3
 Potential Impacts to
 Wetlands and Streams
 Build Alternative 5C
 Ashland
 Add Two-Track West
 Bypass
 (850-ft Platforms)**

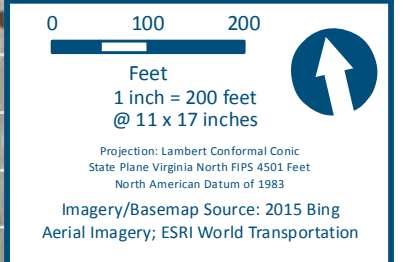
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- Legend**
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 - Temporary Limits of Disturbance
 - CSXT Mileposts
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 - Culverts
 - Delineated Stream Impacts
 - Delineated Streams
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 - Resource Protection Areas
 - Resource Protection Area Impacts
 - Impaired Waters
 - CSXT ROW (County Parcel Data)
 - City/County Parcels
 - City/County Boundary
- (Virginia Department of Environmental Quality)*

Mapbook E-3
Potential Impacts to
Wetlands and Streams
Build Alternative 5C
Ashland
Add Two-Track West
Bypass
(850-ft Platforms)

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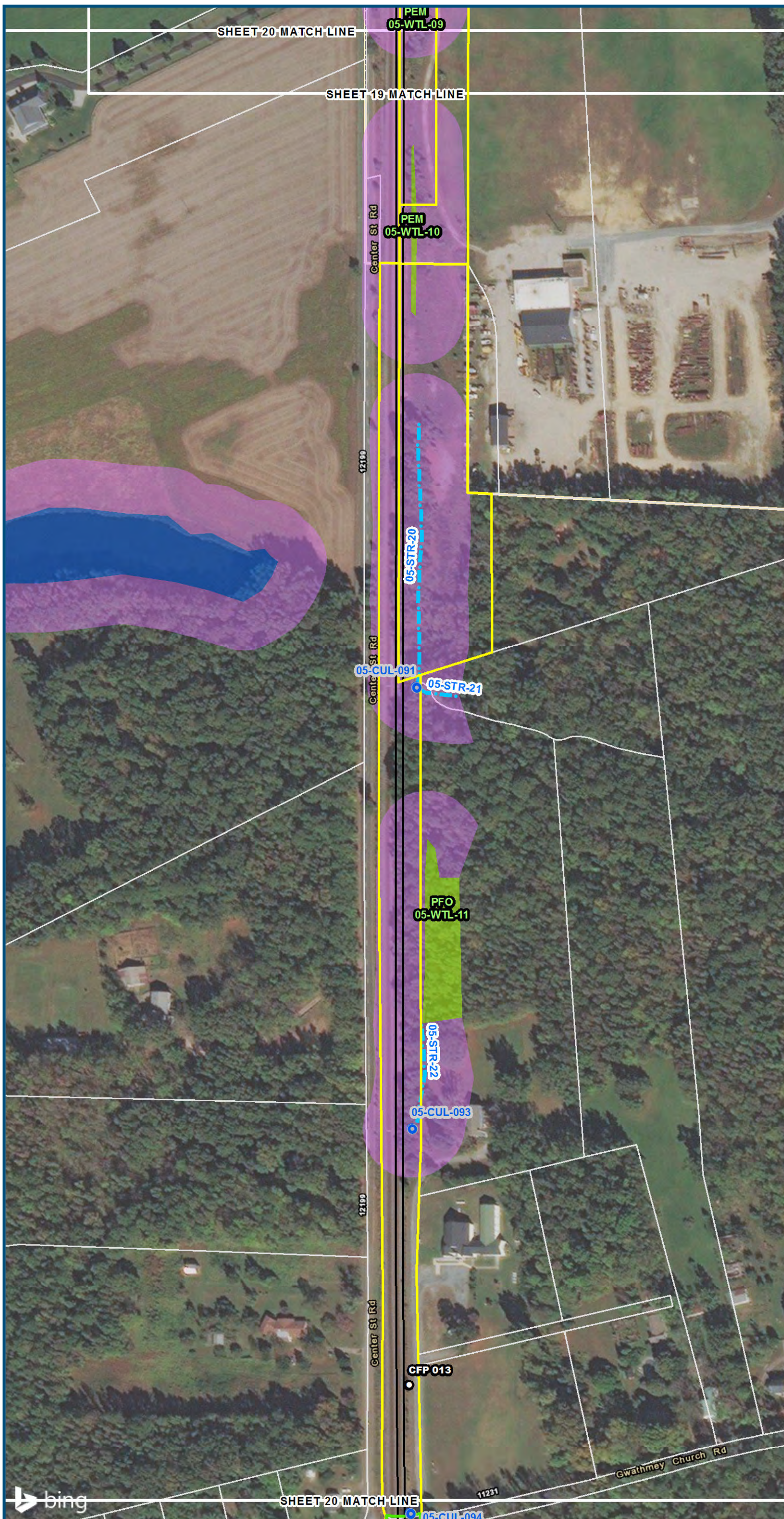


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 - Temporary Limits of Disturbance
 - CSXT Mileposts
 - Track - Existing
 - Stations
 - Culverts
 - Delineated Stream Impacts
 - Delineated Streams
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 - Resource Protection Areas
 - Resource Protection Area Impacts
 - Impaired Waters
 - CSXT ROW (County Parcel Data)
 - City/County Parcels
 - City/County Boundary
- (Virginia Department of Environmental Quality)*

**Mapbook E-3
Potential Impacts to
Wetlands and Streams
Build Alternative
5C-Ashcake
Add Two-Track West
Bypass
(Relocate Station to
Ashcake)**

Sheet 19 of 26

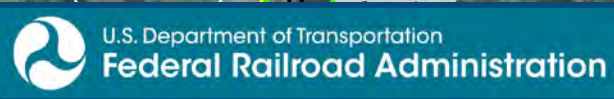
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Feet
1 inch = 200 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery/Basemap Source: 2015 Bing
Aerial Imagery; ESRI World Transportation

- Legend**
- Permanent Limits of Disturbance
 - Temporary Limits of Disturbance
 - CSXT Mileposts
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 - Stations
 - Culverts
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 - Delineated Streams
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 - Resource Protection Areas
 - Resource Protection Area Impacts
 - Impaired Waters
 - CSXT ROW (County Parcel Data)
 - City/County Parcels
 - City/County Boundary
- (Virginia Department of Environmental Quality)*

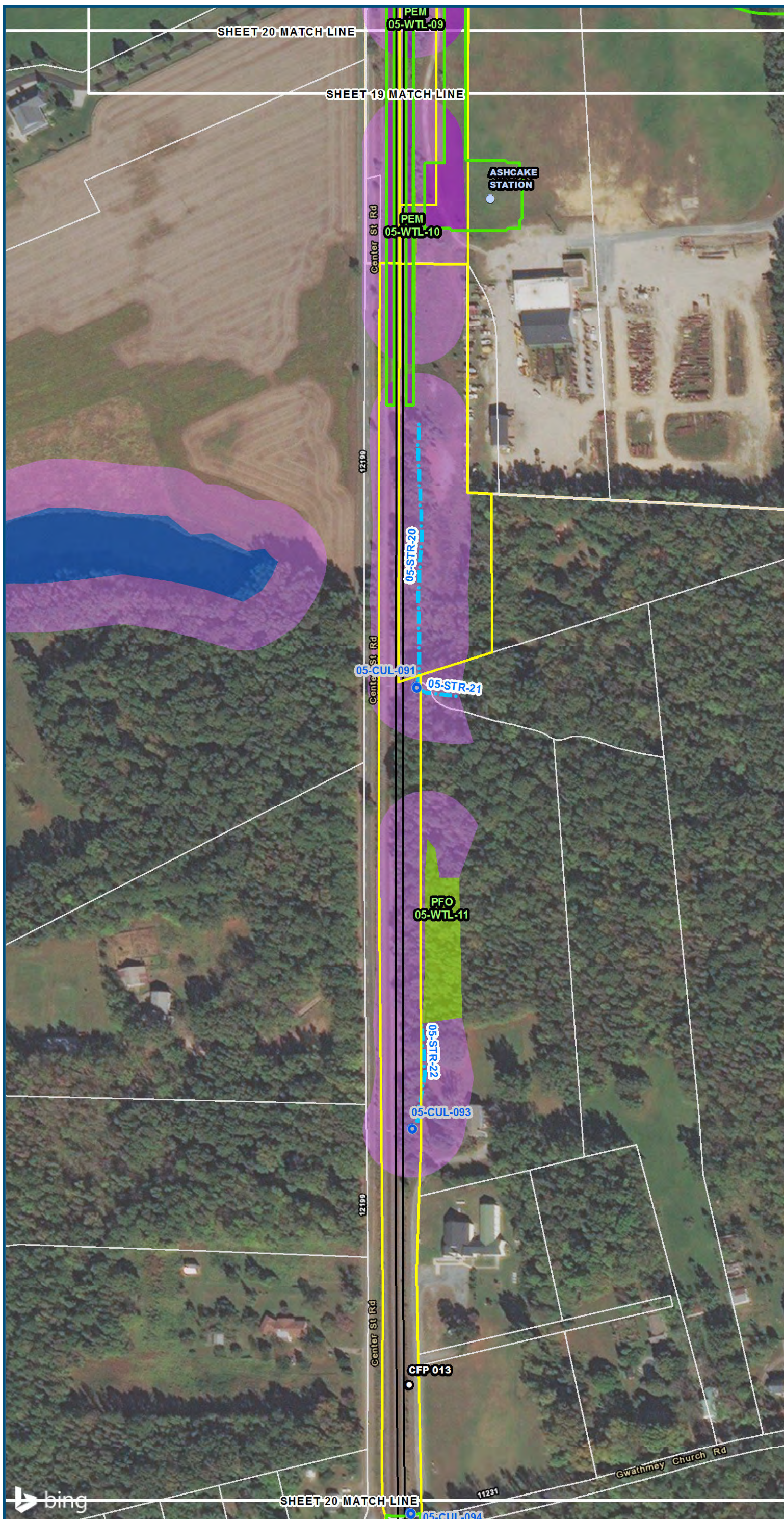
**Mapbook E-3
Potential Impacts to
Wetlands and Streams
Build Alternative 5C
Ashland
Add Two-Track West
Bypass
(850-ft Platforms)**



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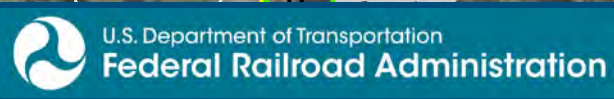
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@ 11 x 17 inches
Projection: Lambert Conformal Conic
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North American Datum of 1983
Imagery/Basemap Source: 2015 Bing
Aerial Imagery; ESRI World Transportation

- Legend**
- Permanent Limits of Disturbance
 - Temporary Limits of Disturbance
 - CSXT Mileposts
 - Track - Existing
 - Stations
 - Culverts
 - Delimited Stream Impacts
 - Delimited Streams
 - Major River Impacts
 - Waterbodies
 - Delimited Wetlands
 - Delimited Wetland Impacts
 - Resource Protection Areas
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(Virginia Department of Environmental Quality)
 - Impaired Waters
 - CSXT ROW (County Parcel Data)
 - City/County Parcels
 - City/County Boundary

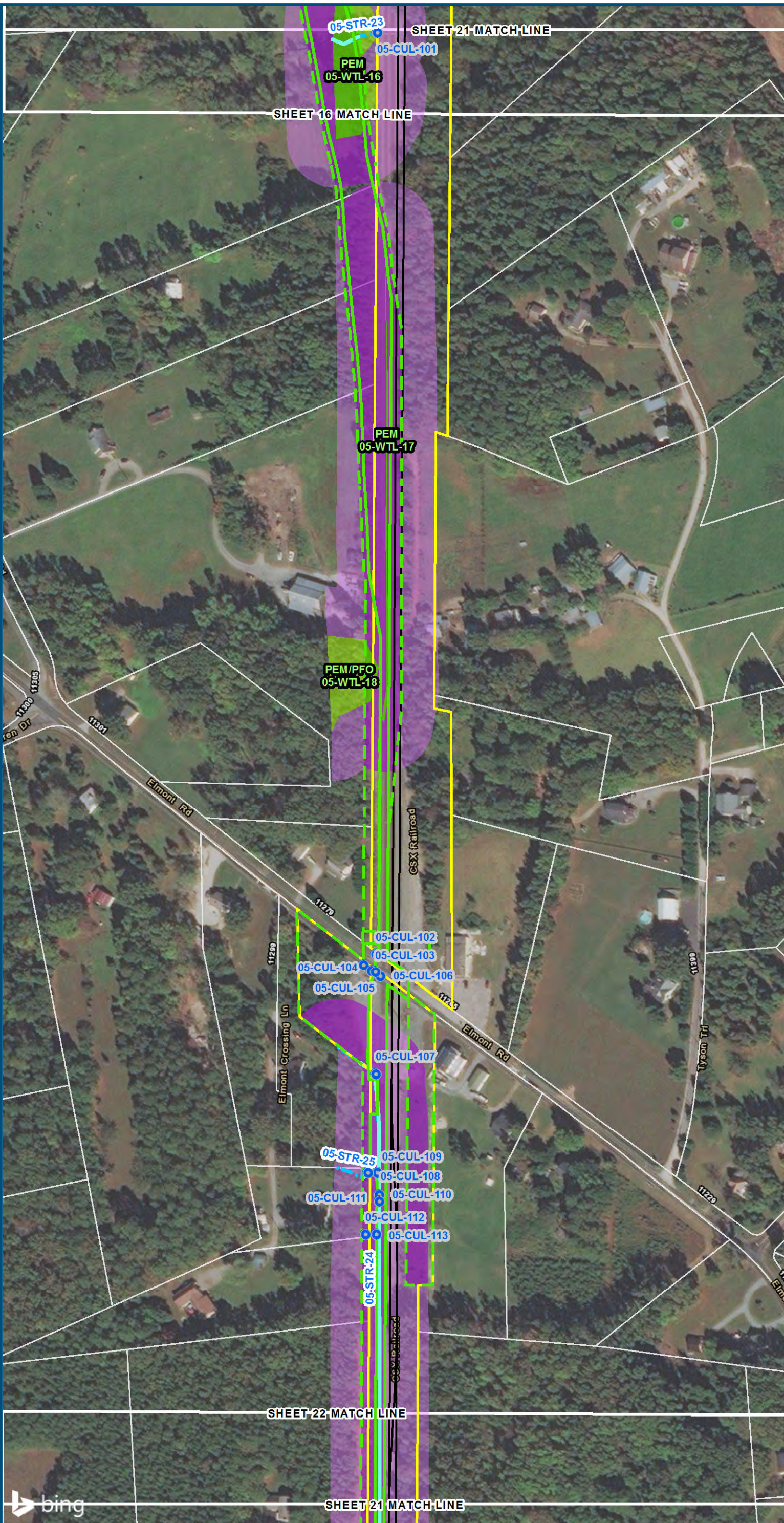
**Mapbook E-3
Potential Impacts to
Wetlands and Streams
Build Alternative
5C-Ashcake
Add Two-Track West
Bypass
(Relocate Station to
Ashcake)**



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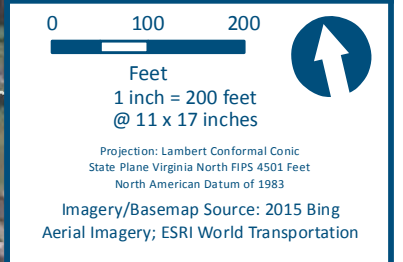
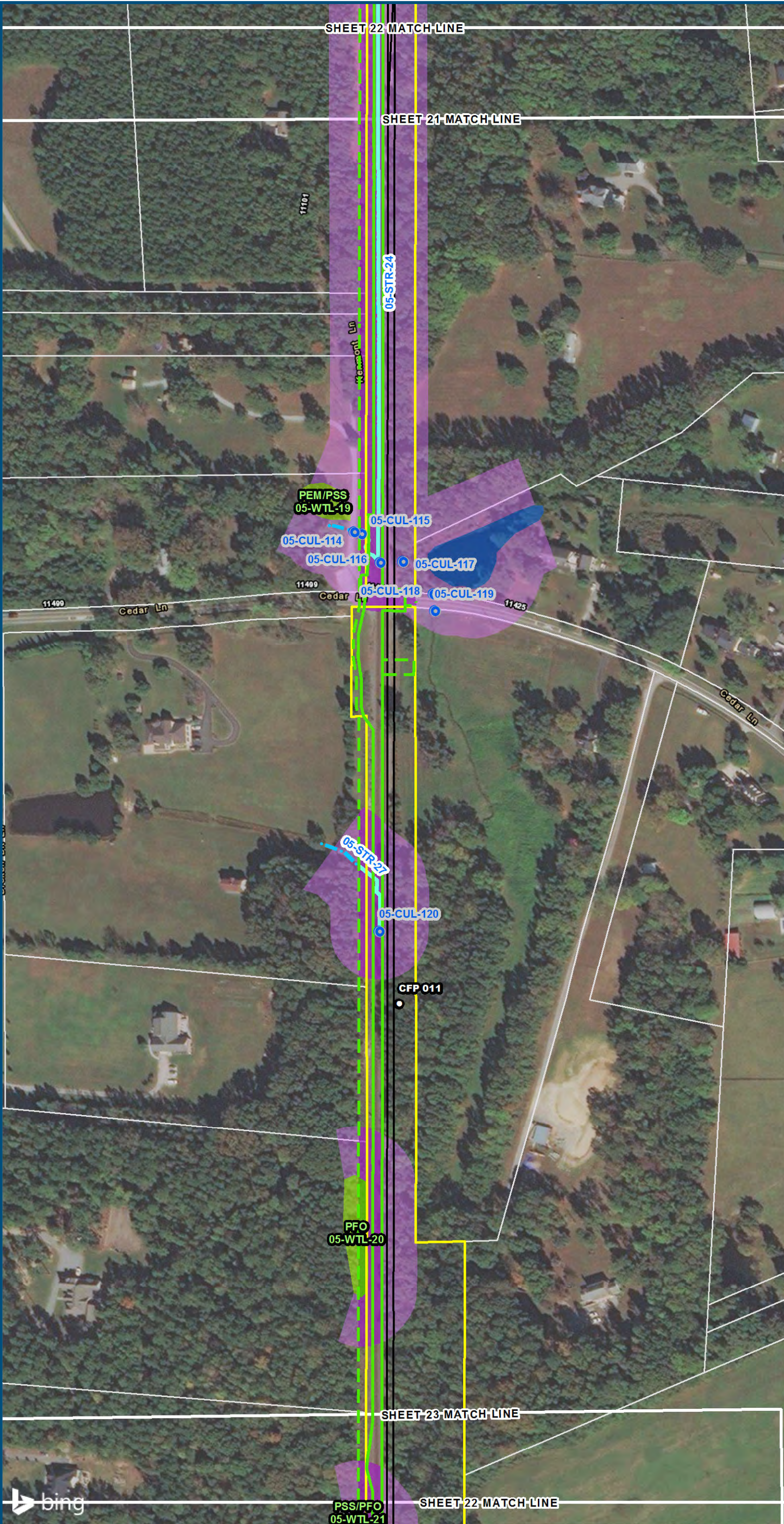


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@ 11 x 17 inches
Projection: Lambert Conformal Conic
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North American Datum of 1983
Imagery/Basemap Source: 2015 Bing
Aerial Imagery; ESRI World Transportation

- Legend**
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 - Waterbodies
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 - Delineated Wetland Impacts
 - Resource Protection Areas
 - Resource Protection Area Impacts
 - Impaired Waters
 - CSXT ROW (County Parcel Data)
 - City/County Parcels
 - City/County Boundary

Mapbook E-3
Potential Impacts to
Wetlands and Streams
Build Alternative 5C
Ashland
Add Two-Track West
Bypass
(850-ft Platforms)

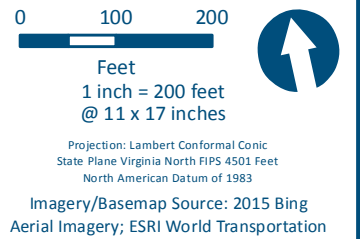
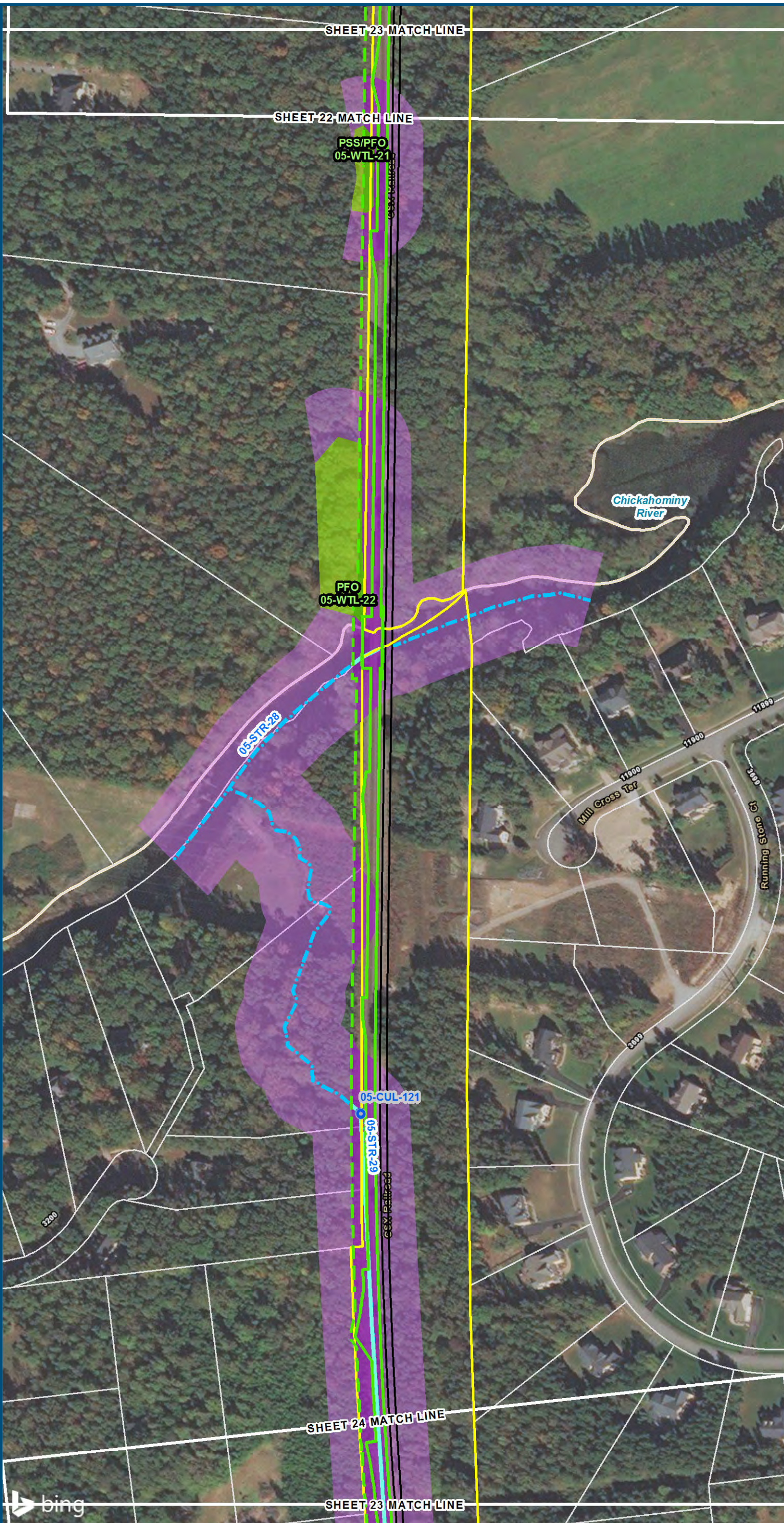
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- Legend**
- Permanent Limits of Disturbance
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 - City/County Boundary
- (Virginia Department of Environmental Quality)

**Mapbook E-3
Potential Impacts to
Wetlands and Streams
Build Alternative 5C
Ashland
Add Two-Track West
Bypass
(850-ft Platforms)**

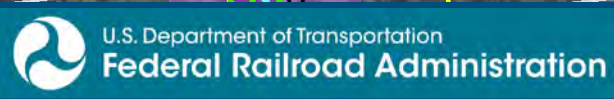
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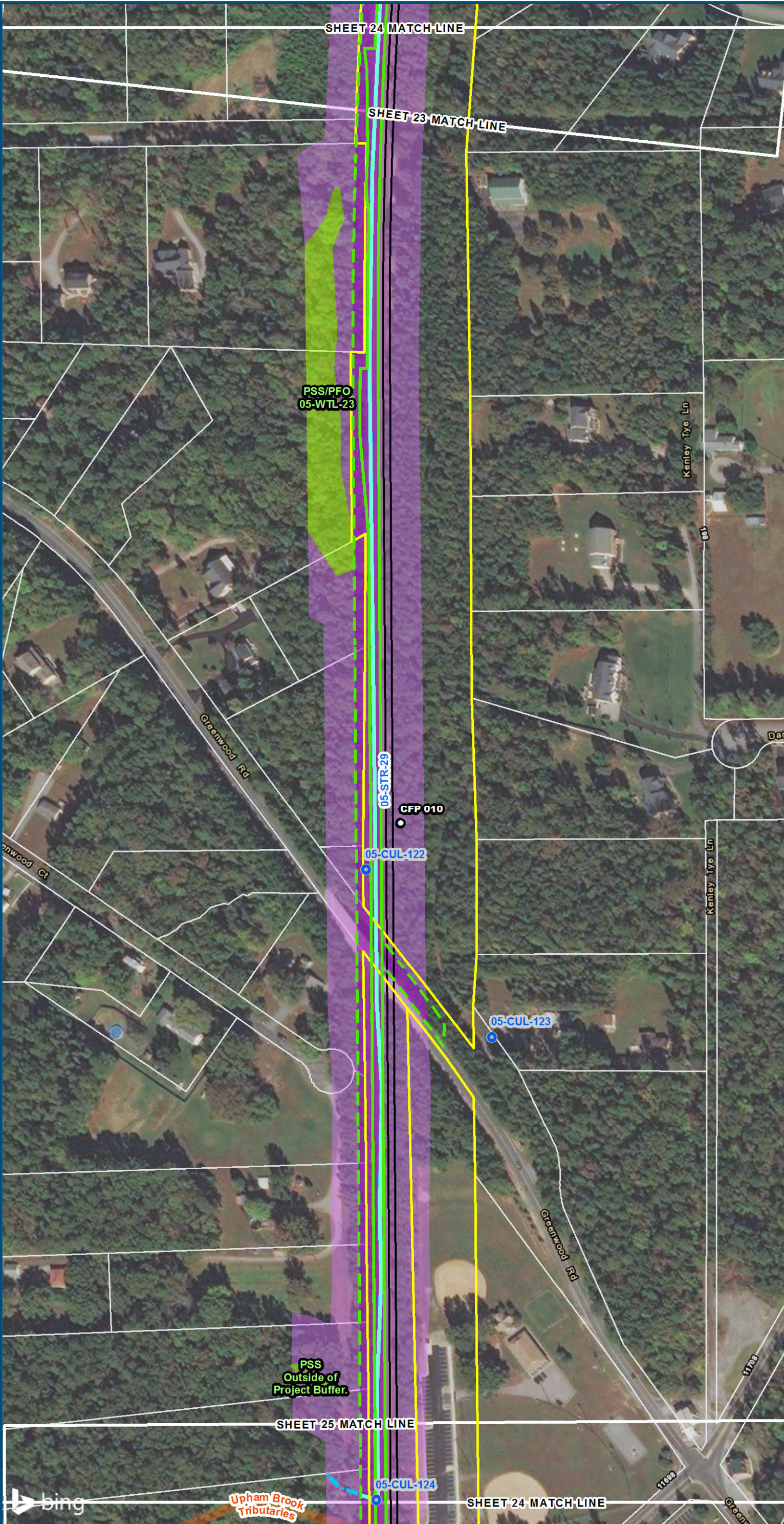
Legend

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 - CSXT Mileposts
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**Mapbook E-3
Potential Impacts to
Wetlands and Streams
Build Alternative 5C
Ashland
Add Two-Track West
Bypass
(850-ft Platforms)**



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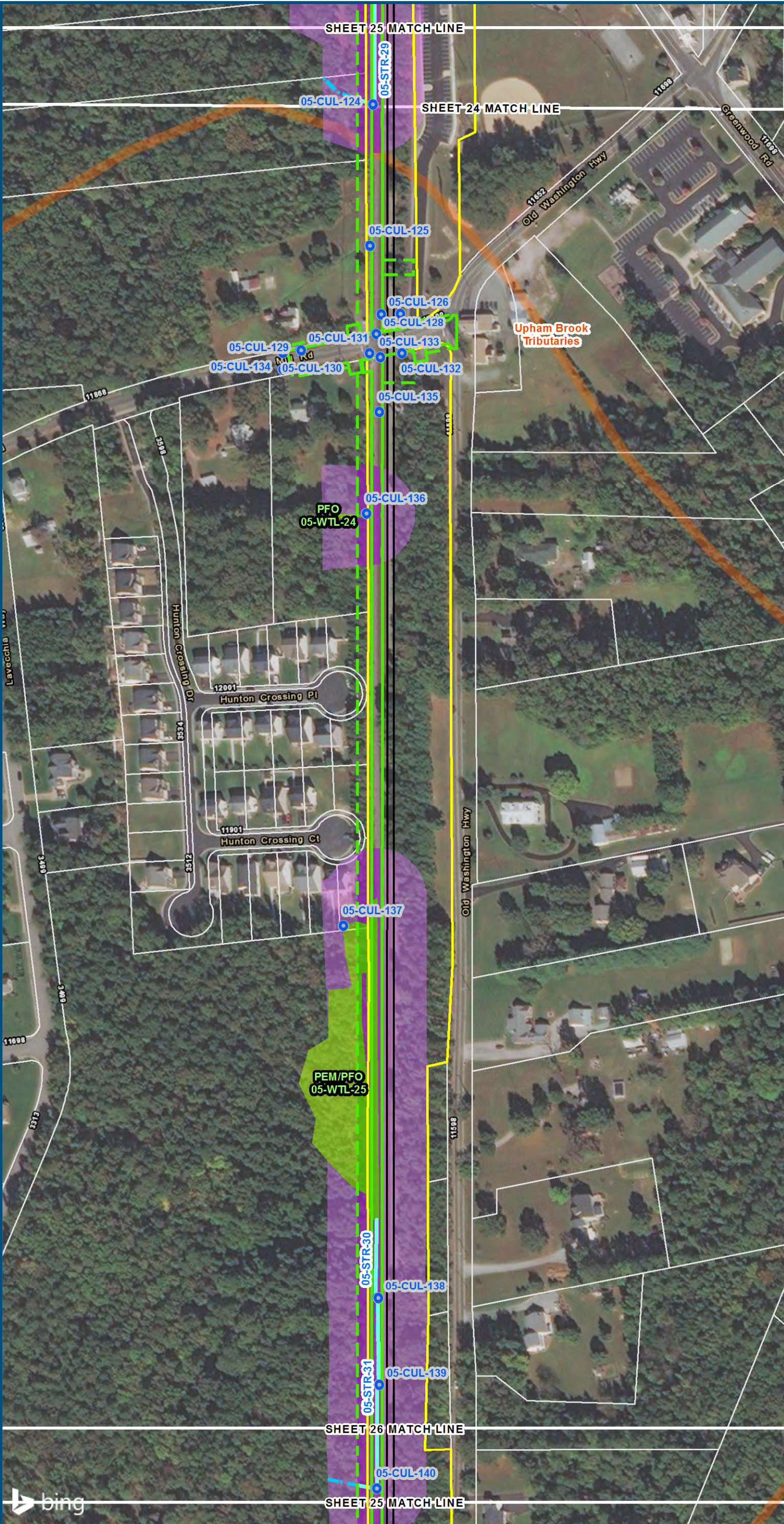


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@ 11 x 17 inches
Projection: Lambert Conformal Conic
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North American Datum of 1983
Imagery/Basemap Source: 2015 Bing
Aerial Imagery; ESRI World Transportation

- Legend**
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 - Resource Protection Area Impacts
 - Impaired Waters
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 - City/County Parcels
 - City/County Boundary

**Mapbook E-3
Potential Impacts to
Wetlands and Streams
Build Alternative 5C
Ashland
Add Two-Track West
Bypass
(850-ft Platforms)**

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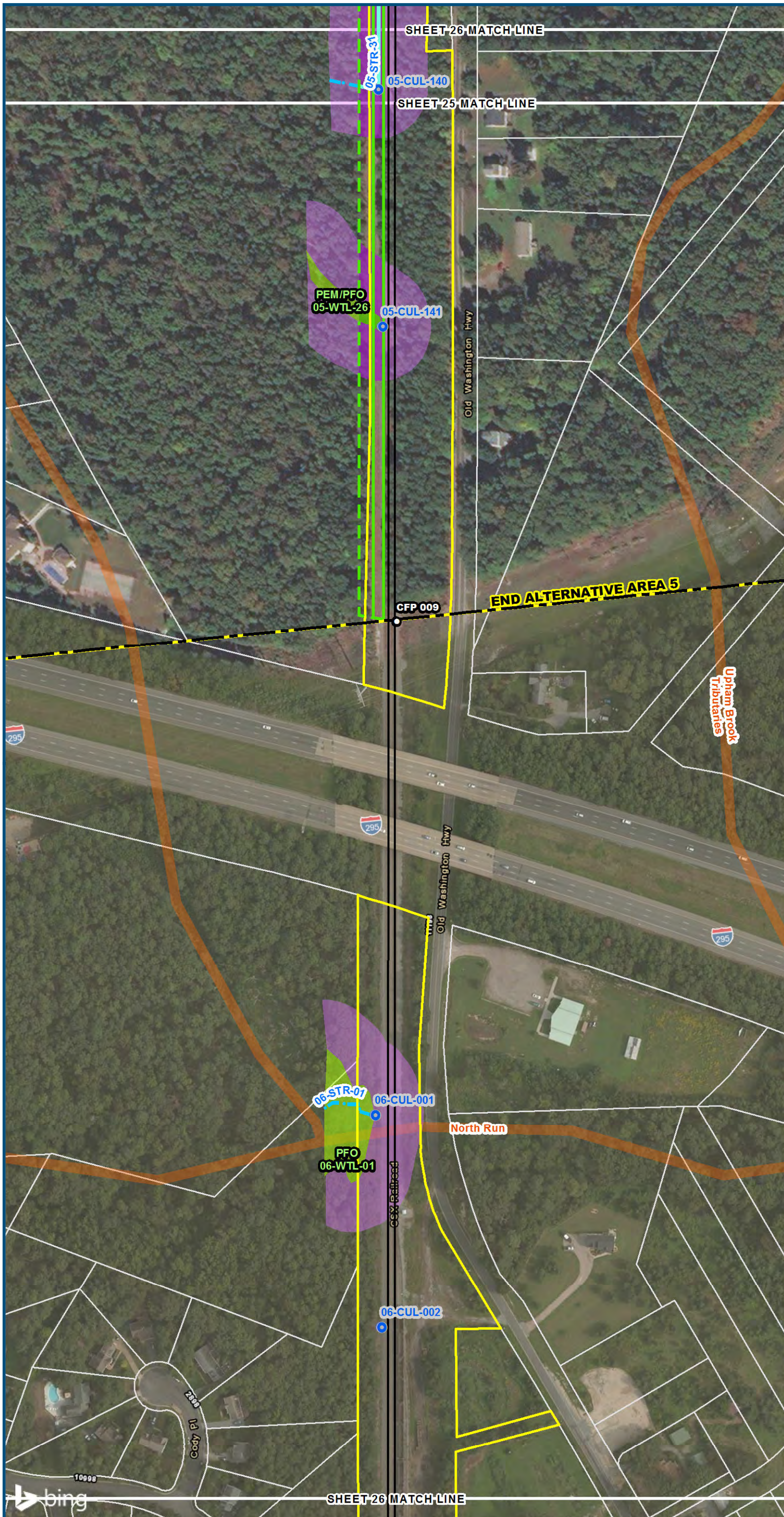


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 @ 11 x 17 inches
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 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery/Basemap Source: 2015 Bing
 Aerial Imagery; ESRI World Transportation

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 - Resource Protection Area Impacts
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 - City/County Parcels
 - City/County Boundary
- (Virginia Department of Environmental Quality)*

**Mapbook E-3
 Potential Impacts to
 Wetlands and Streams
 Build Alternative 5C
 Ashland
 Add Two-Track West
 Bypass
 (850-ft Platforms)**

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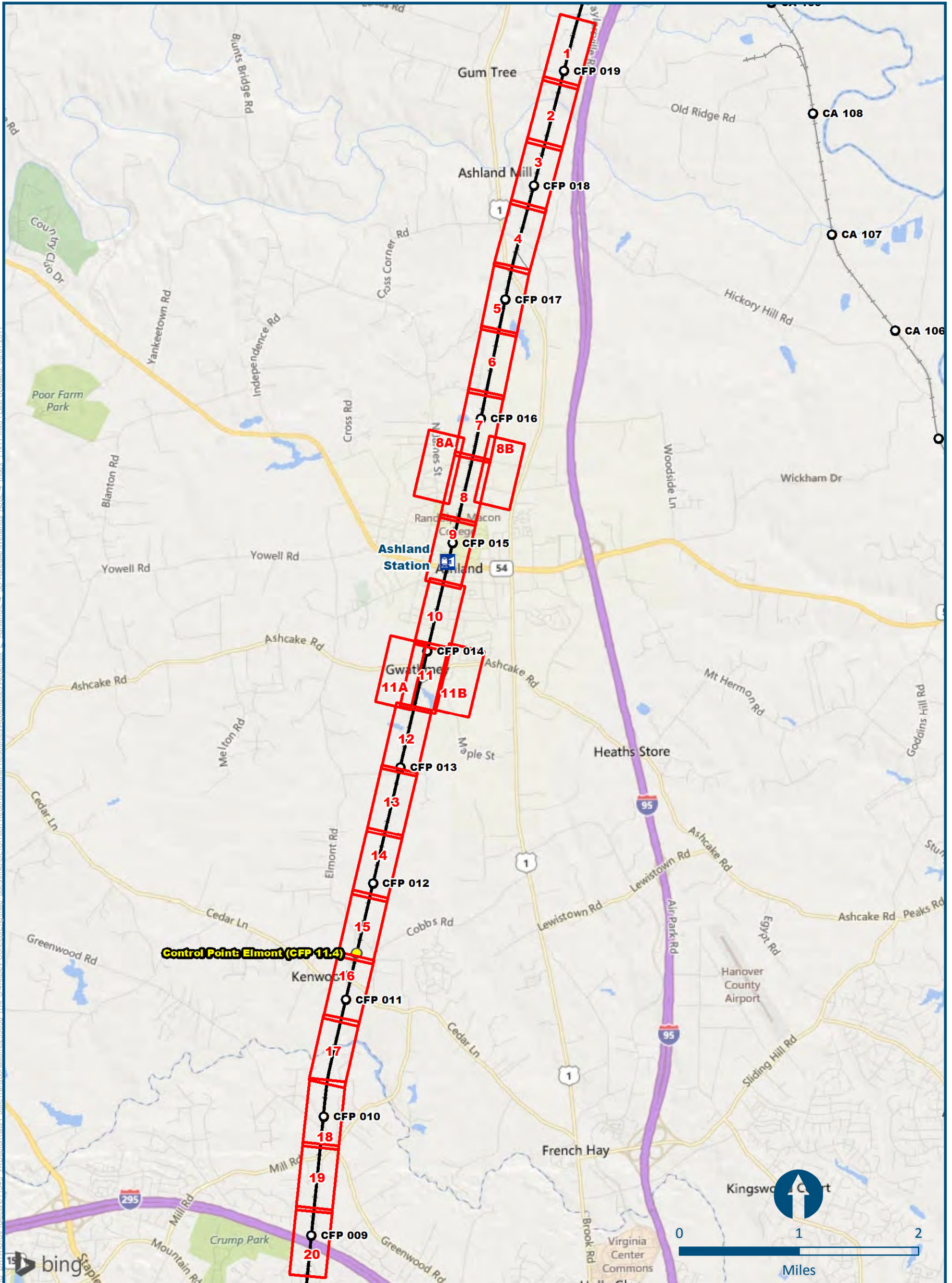
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@ 11 x 17 inches
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North American Datum of 1983
Imagery/Basemap Source: 2015 Bing
Aerial Imagery; ESRI World Transportation

Legend

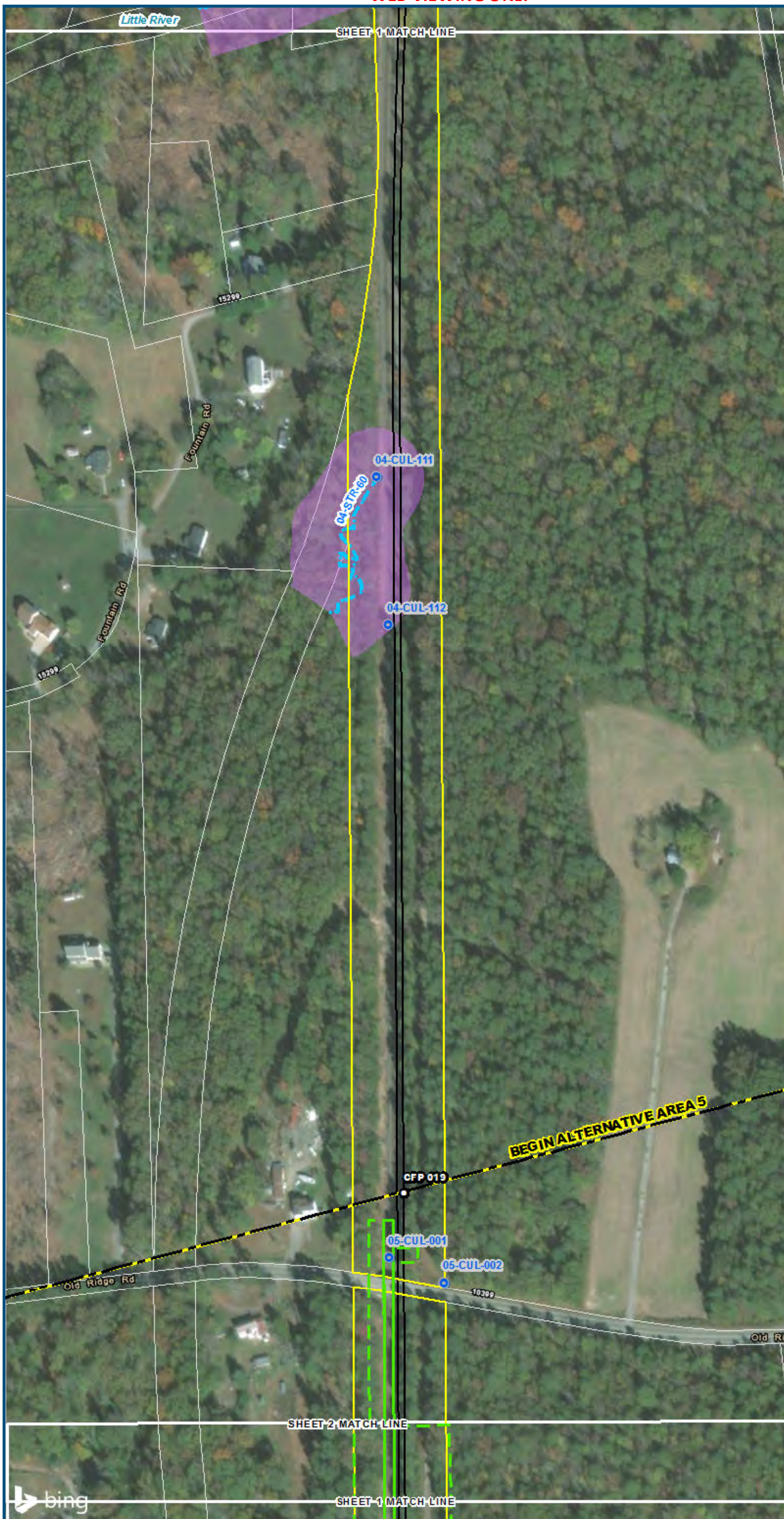
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- Delineated Streams
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- Waterbodies
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- Delineated Wetland Impacts
- Resource Protection Areas
- Resource Protection Area Impacts
(Virginia Department of Environmental Quality)
- Impaired Waters
- CSXT ROW (County Parcel Data)
- City/County Parcels
- City/County Boundary

Mapbook E-3
Potential Impacts to
Wetlands and Streams
Build Alternative 5C
Ashland
Add Two-Track West
Bypass
(850-ft Platforms)

Appendix E-4: Build Alternative 5D–Ashcake Three Tracks Centered Through Town, Index Sheet 1 of 1



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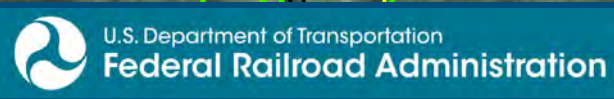
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 Projection: Lambert Conformal Conic
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 Imagery/Basemap Source: 2015 Bing
 Aerial Imagery; ESRI World Transportation

Legend

- Permanent Limits of Disturbance
- Temporary Limits of Disturbance
- CSXT Mileposts
- Track - Existing
- Stations
- Proposed Stations
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- Delineated Wetland Impacts
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- Resource Protection Area Impacts
- Impaired Waters
- CSXT ROW (County Parcel Data)
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- City/County Boundary

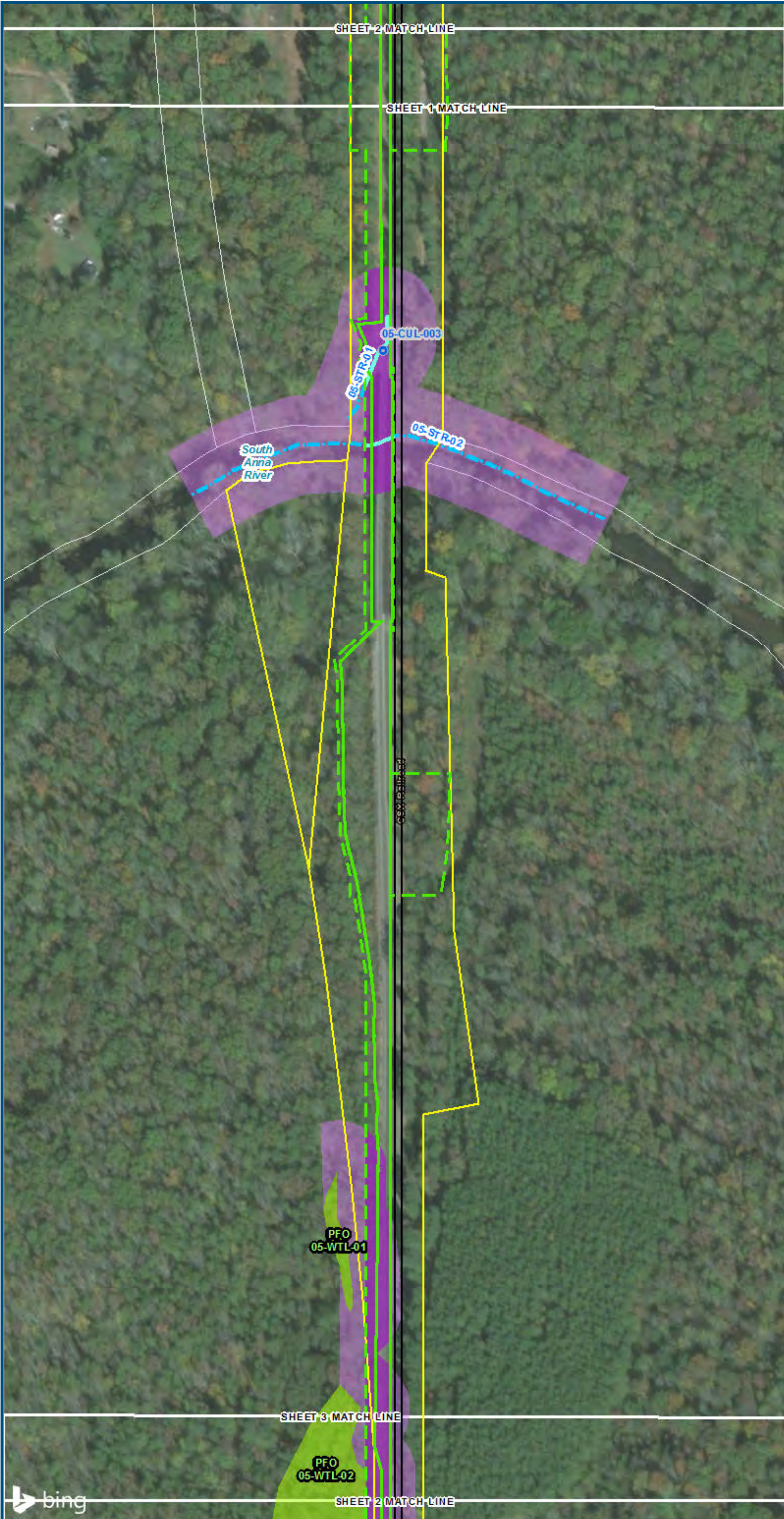
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 Potential Impacts to
 Wetlands and Streams
 Build Alternative
 5D-Ashcake
 Three Tracks Centered
 Through Town
 (Add 1 Track; Relocate
 Station to Ashcake)**

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 1 inch = 200 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery/Basemap Source: 2015 Bing
 Aerial Imagery; ESRI World Transportation

- Legend**
- Permanent Limits of Disturbance
 - Temporary Limits of Disturbance
 - CSXT Mileposts
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 - Stations
 - Proposed Stations
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 - Delineated Streams
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 - Delineated Wetlands
 - Delineated Wetland Impacts
 - Resource Protection Areas
 - Resource Protection Area Impacts
 - Impaired Waters
 - CSXT ROW (County Parcel Data)
 - City/County Parcels
 - City/County Boundary
- (Virginia Department of Environmental Quality)*

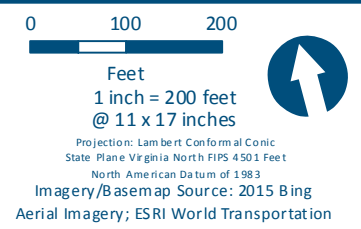
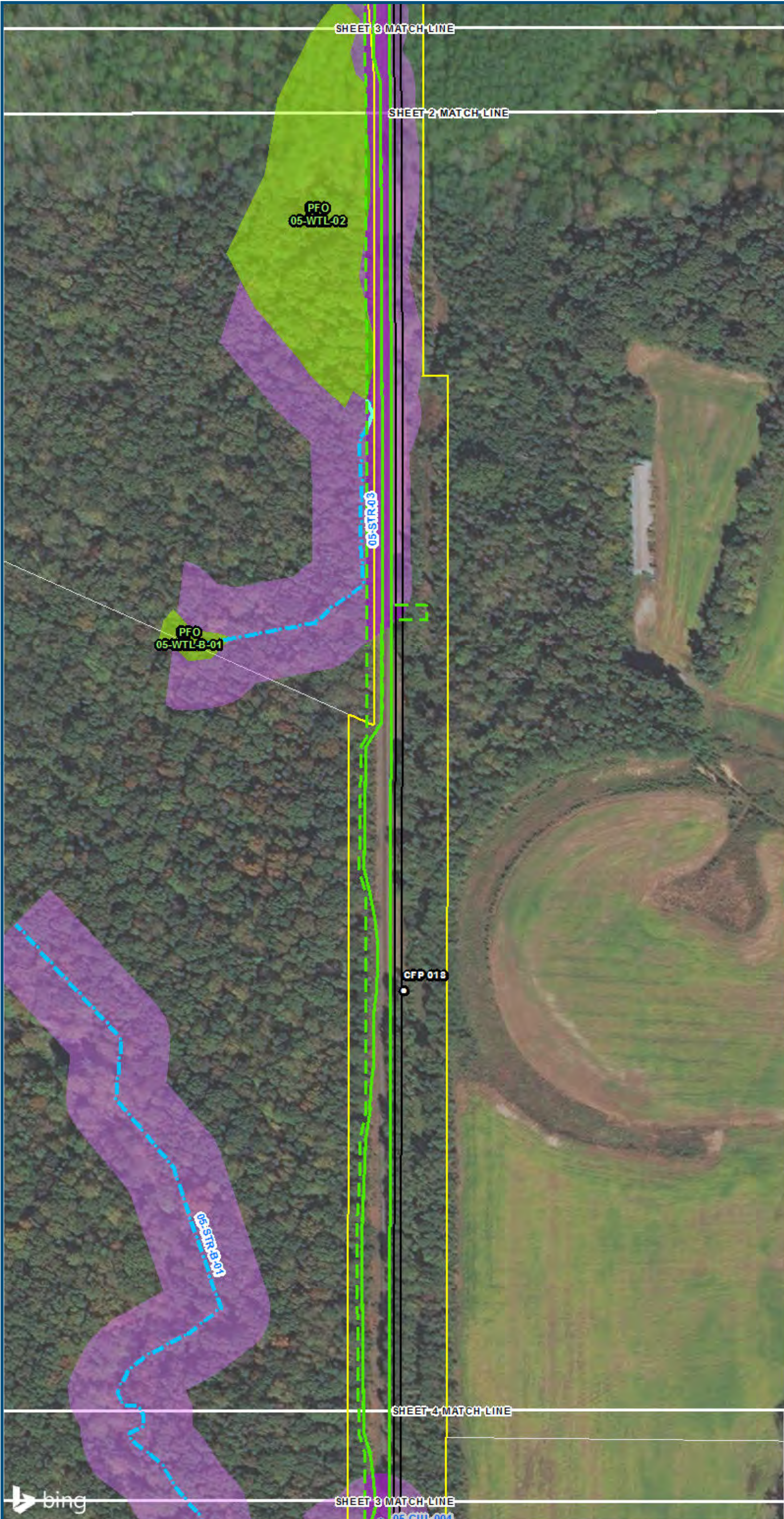
**Mapbook E-4
 Potential Impacts to
 Wetlands and Streams
 Build Alternative
 5D-Ashcake
 Three Tracks Centered
 Through Town
 (Add 1 Track; Relocate
 Station to Ashcake)**



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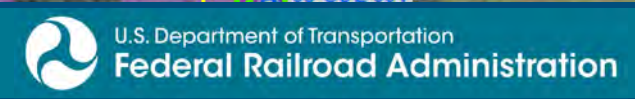


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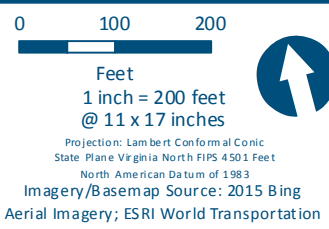
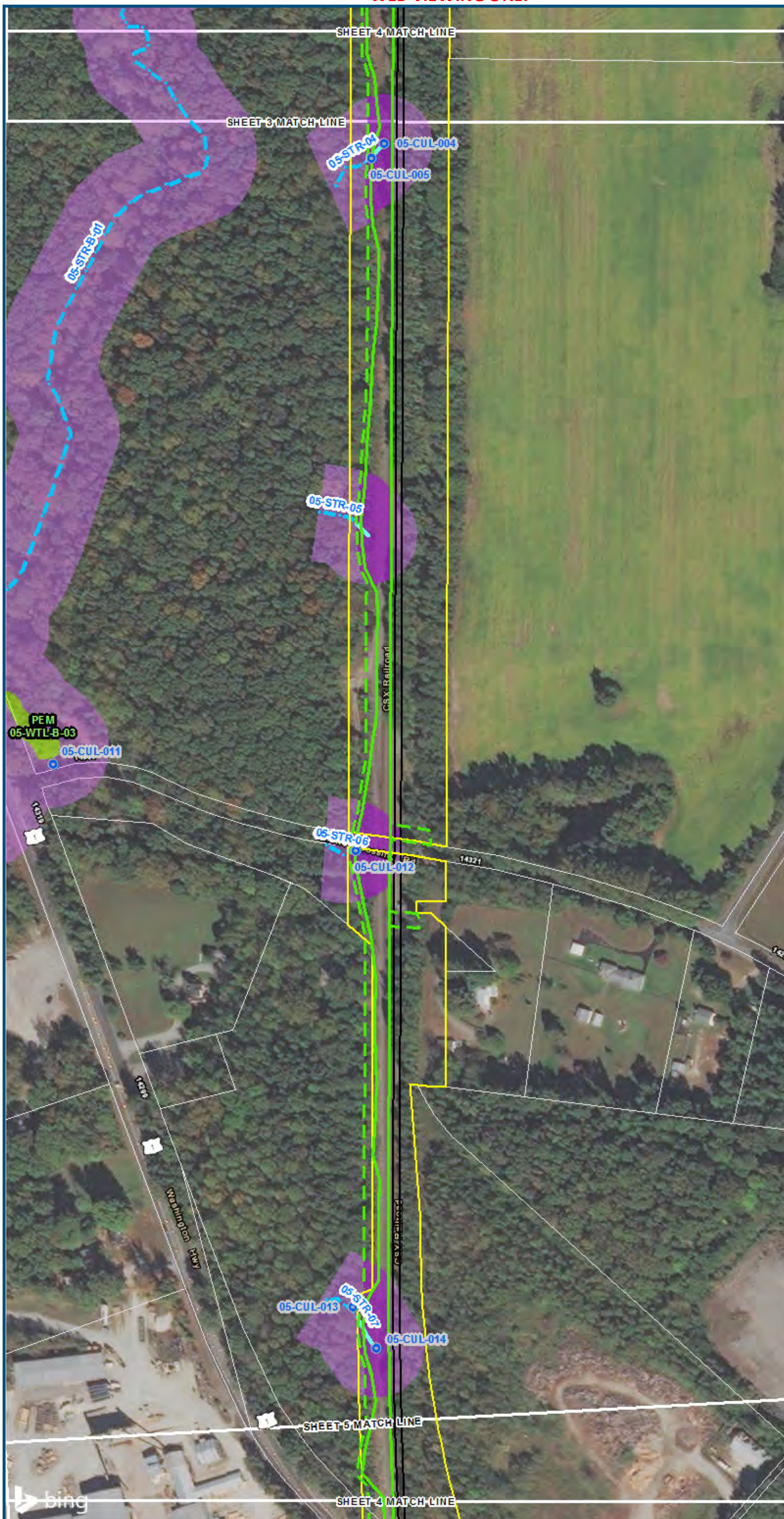


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 - Temporary Limits of Disturbance
 - CSXT Mileposts
 - Track - Existing
 - Stations
 - Proposed Stations
 - Culverts
 - Delineated Stream Impacts
 - Delineated Streams
 - Major River Impacts
 - Waterbodies
 - Delineated Wetlands
 - Delineated Wetland Impacts
 - Resource Protection Areas
 - Resource Protection Area Impacts
 - Impaired Waters (Virginia Department of Environmental Quality)
 - CSXT ROW (County Parcel Data)
 - City/County Parcels
 - City/County Boundary

Mapbook E-4
Potential Impacts to
Wetlands and Streams
Build Alternative
5D-Ashcake
Three Tracks Centered
Through Town
(Add 1 Track; Relocate
Station to Ashcake)



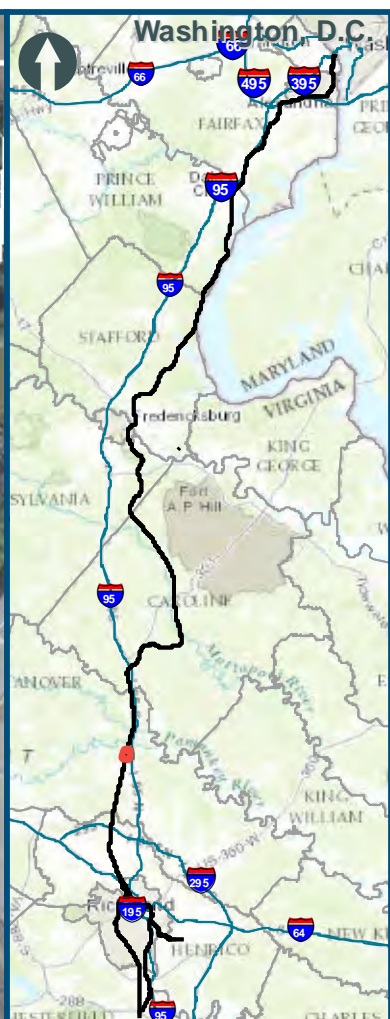
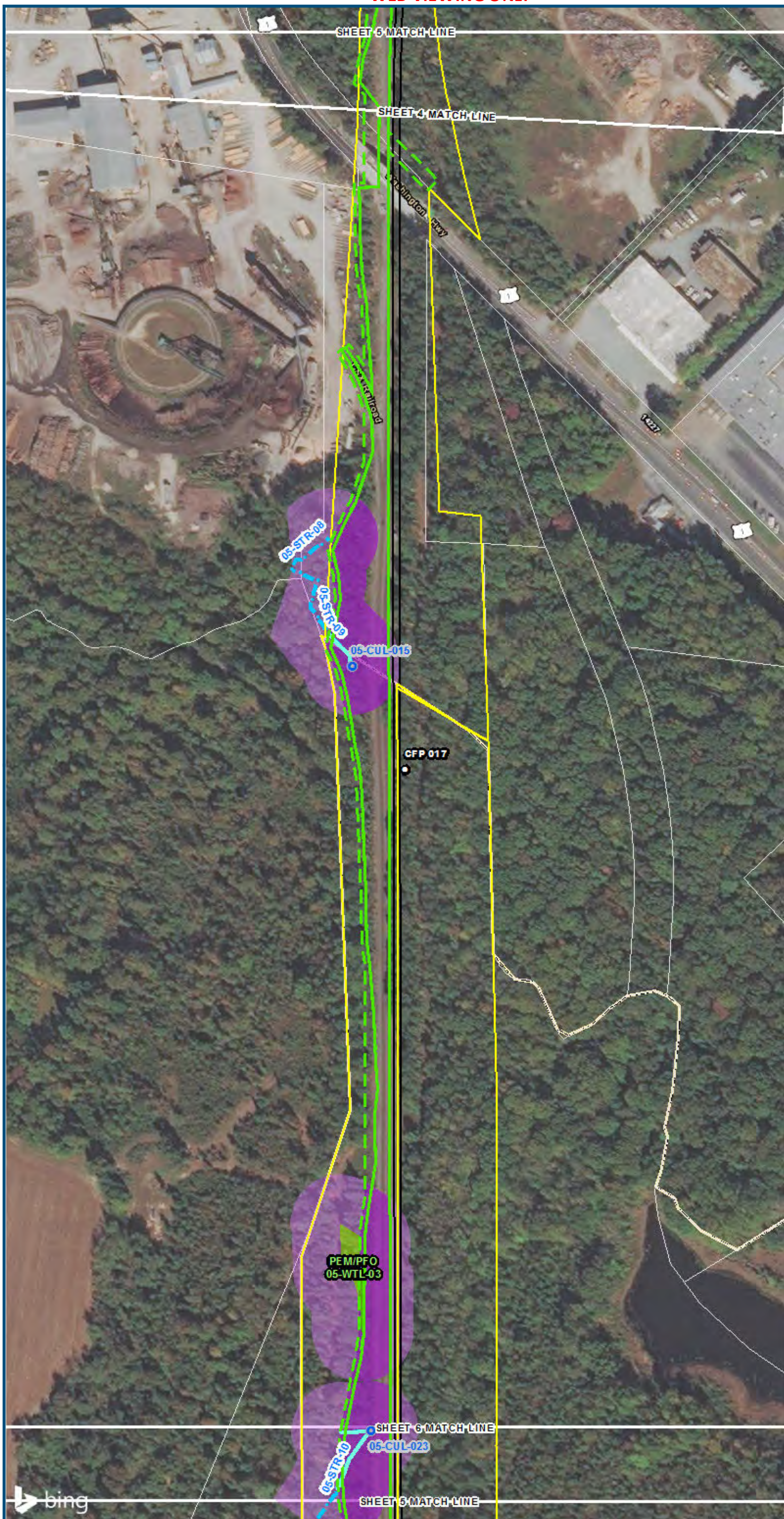
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- Legend**
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 - Delineated Wetlands
 - Delineated Wetland Impacts
 - Resource Protection Areas
 - Resource Protection Area Impacts
 - Impaired Waters
 - CSXT ROW (County Parcel Data)
 - City/County Parcels
 - City/County Boundary

**Mapbook E-4
Potential Impacts to
Wetlands and Streams
Build Alternative
5D-Ashcake
Three Tracks Centered
Through Town
(Add 1 Track; Relocate
Station to Ashcake)**

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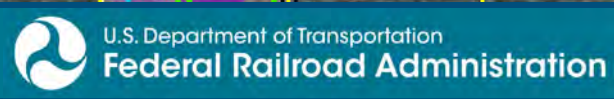
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 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery/Basemap Source: 2015 Bing
 Aerial Imagery; ESRI World Transportation

Legend

- Permanent Limits of Disturbance
- Temporary Limits of Disturbance
- CSXT Mileposts
- Track - Existing
- Stations
- Proposed Stations
- Culverts
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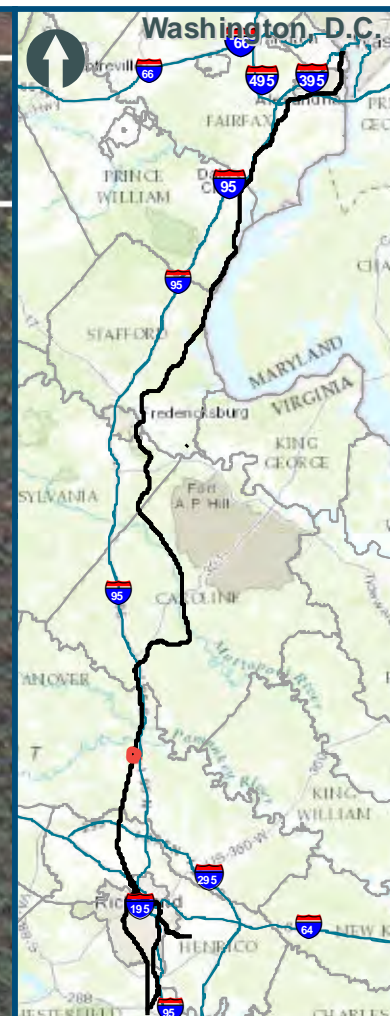
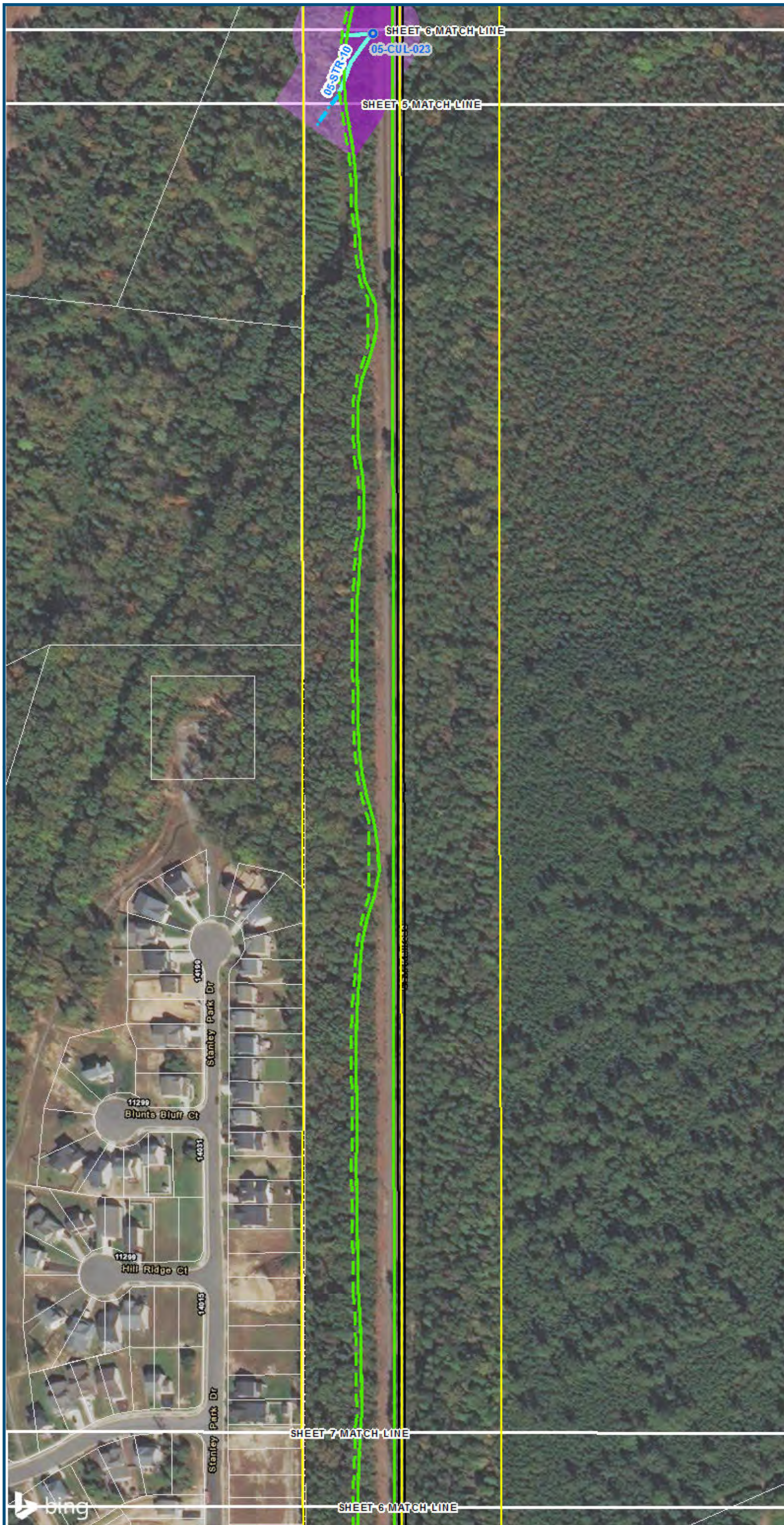
**Mapbook E-4
 Potential Impacts to
 Wetlands and Streams
 Build Alternative
 5D-Ashcake
 Three Tracks Centered
 Through Town
 (Add 1 Track; Relocate
 Station to Ashcake)**

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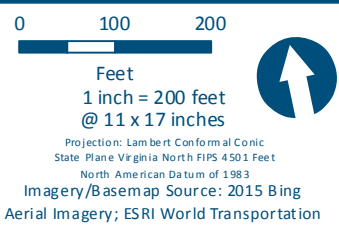
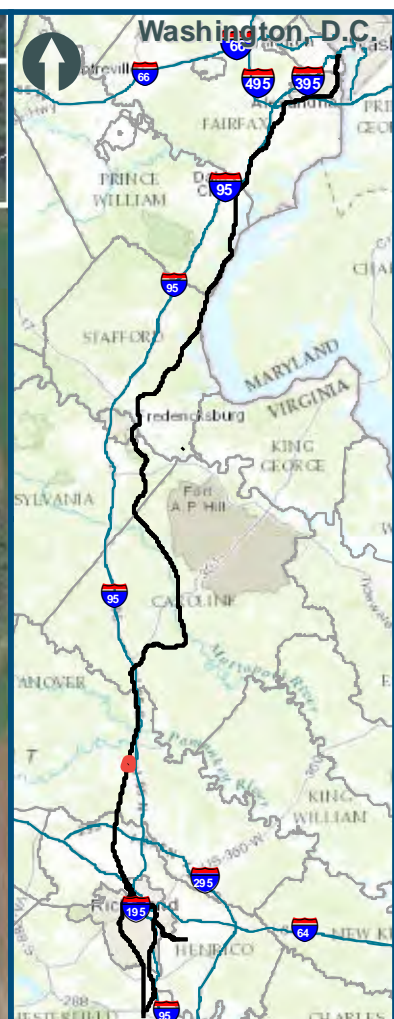
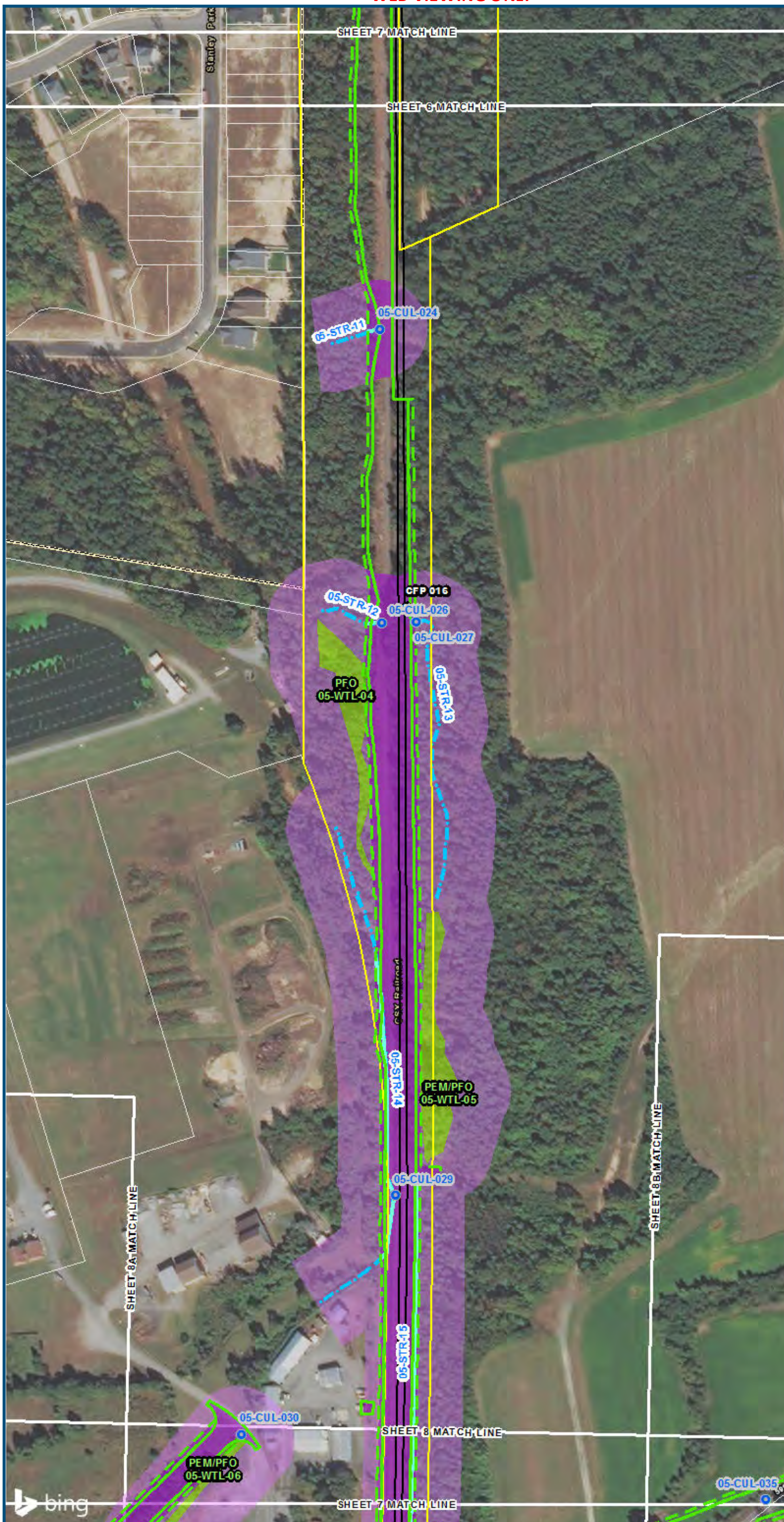




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@ 11 x 17 inches
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Imagery/Basemap Source: 2015 Bing
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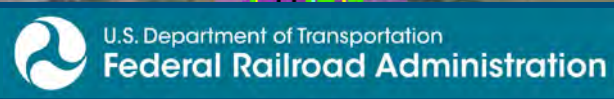
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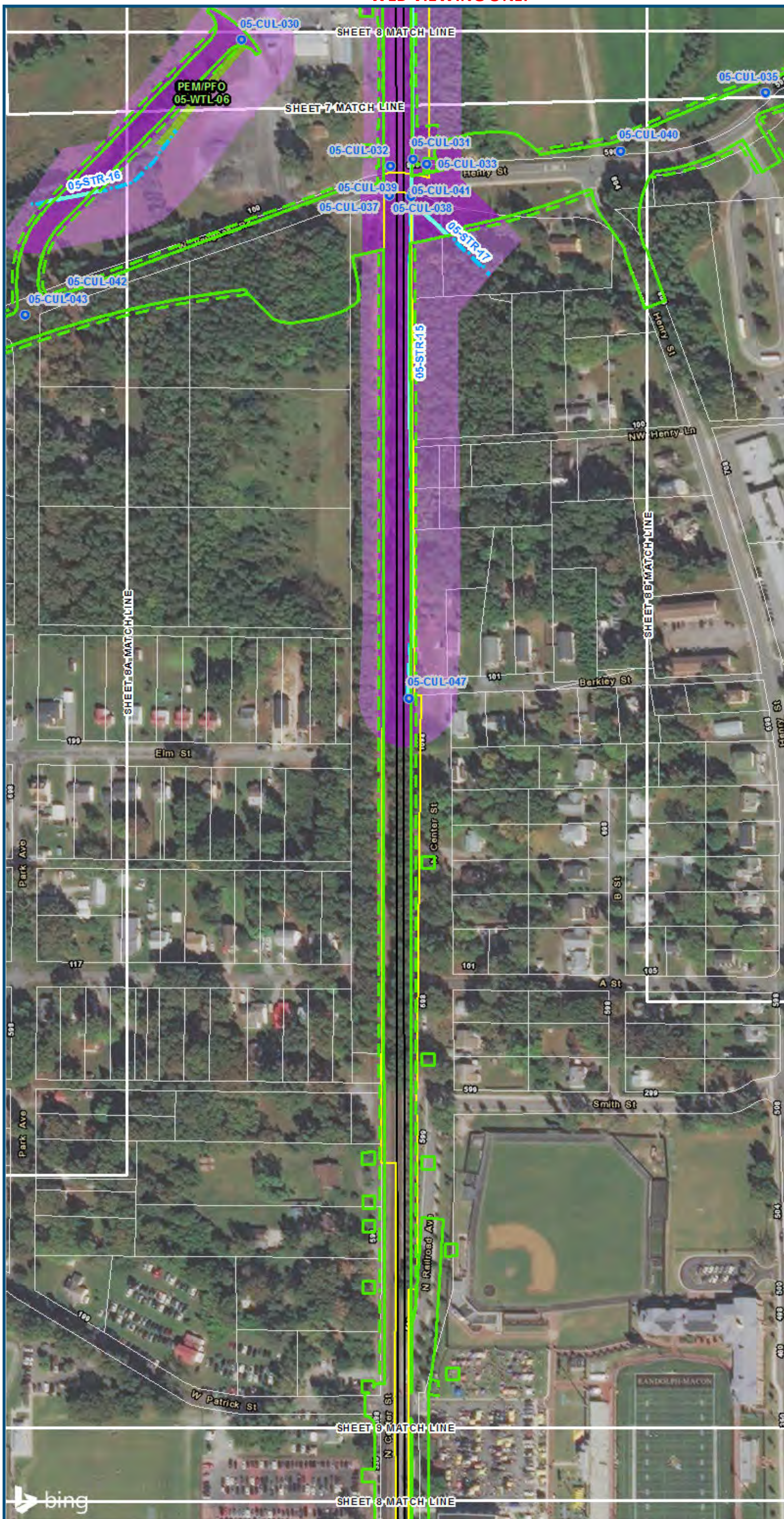
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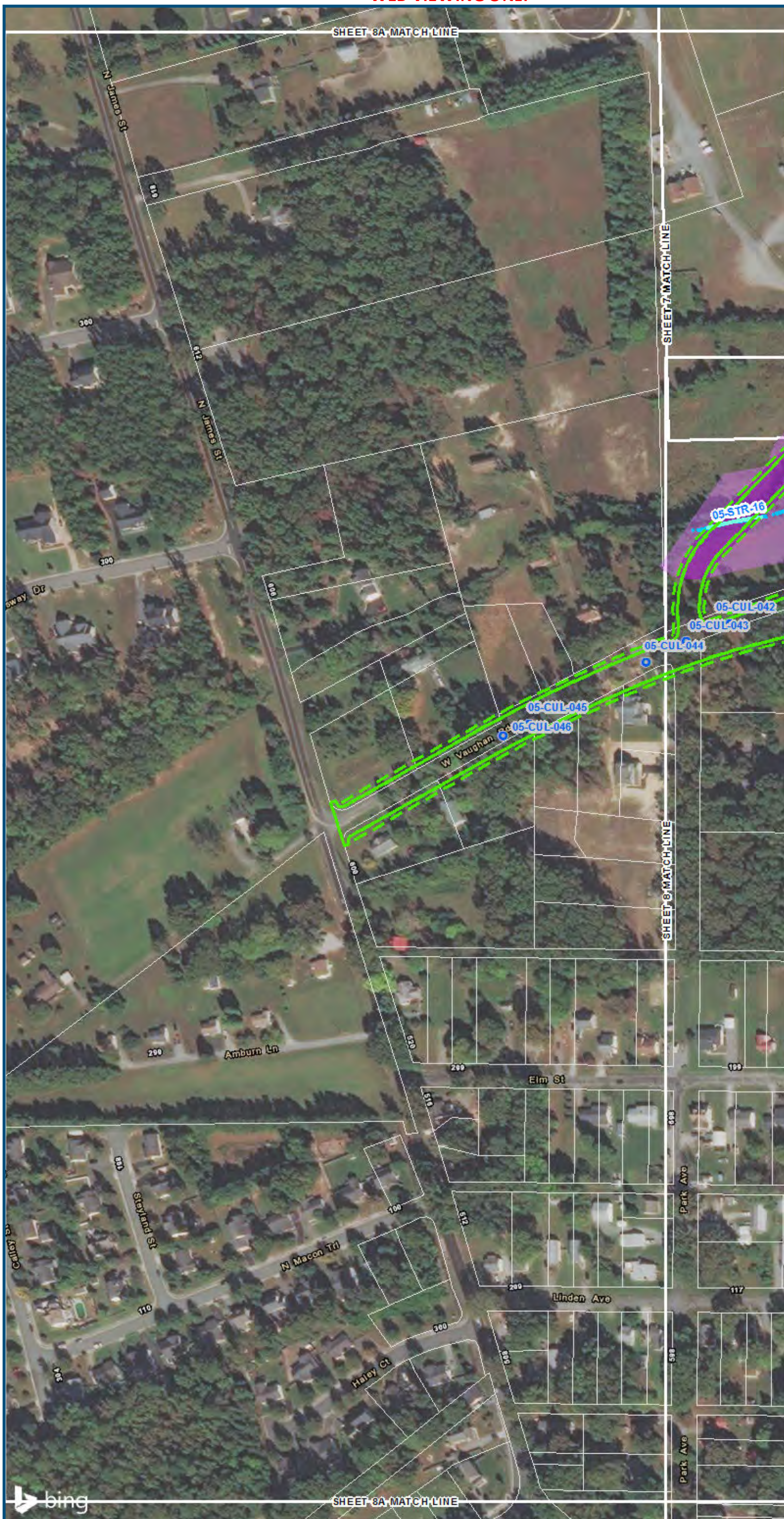


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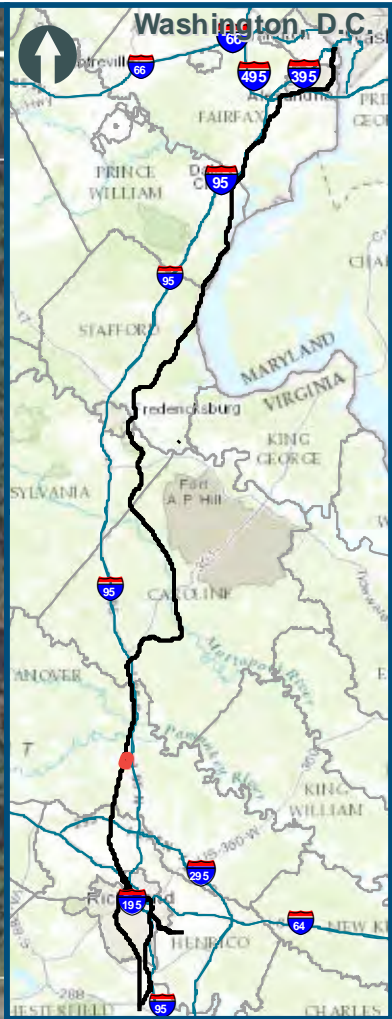
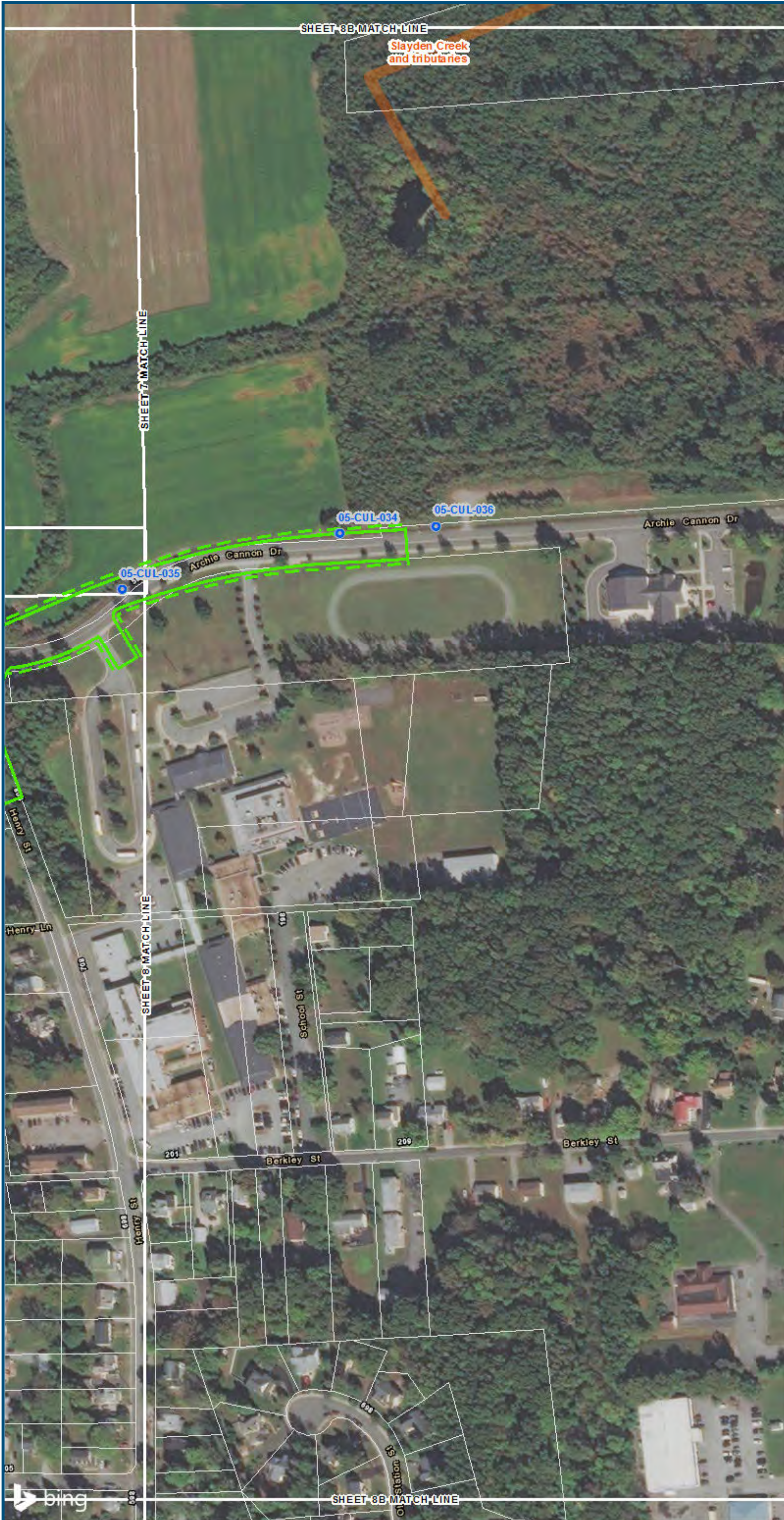
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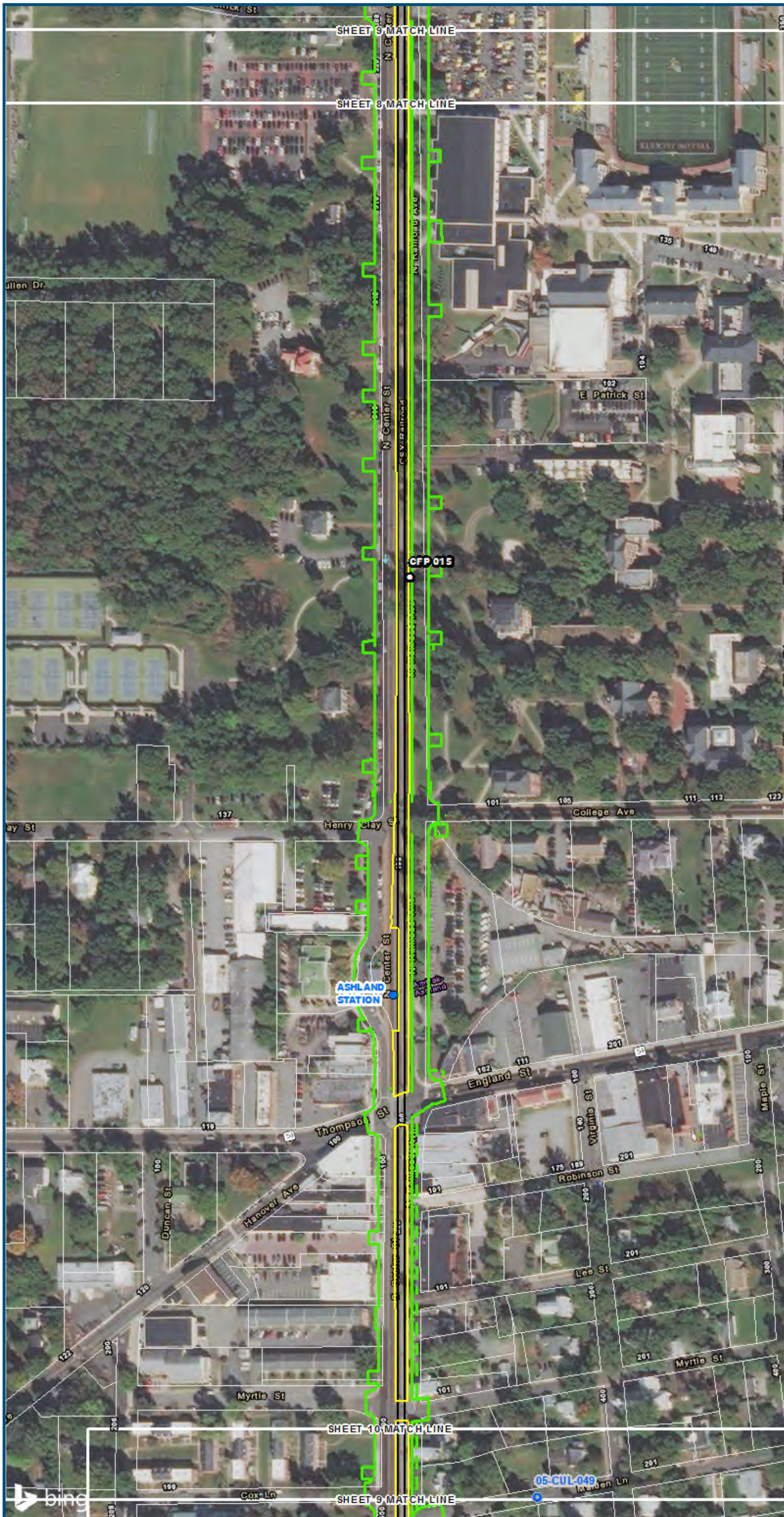
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Mapbook E-4
Potential Impacts to Wetlands and Streams
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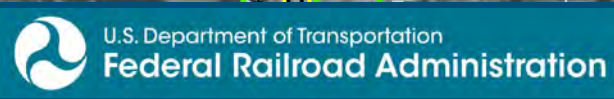
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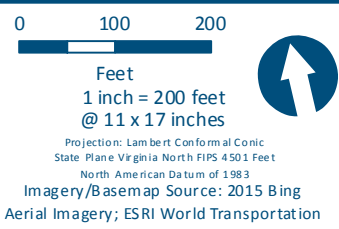
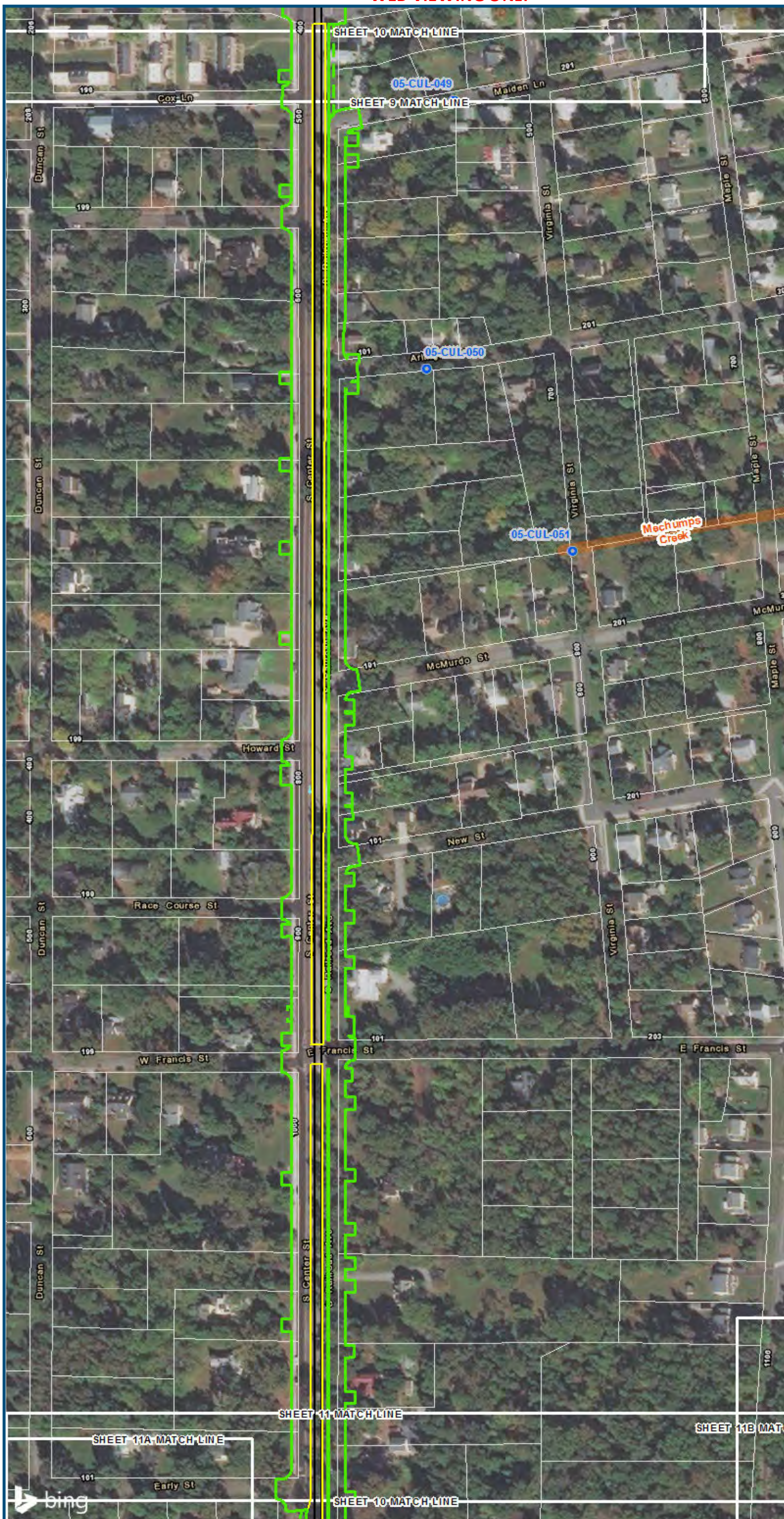
**Mapbook E-4
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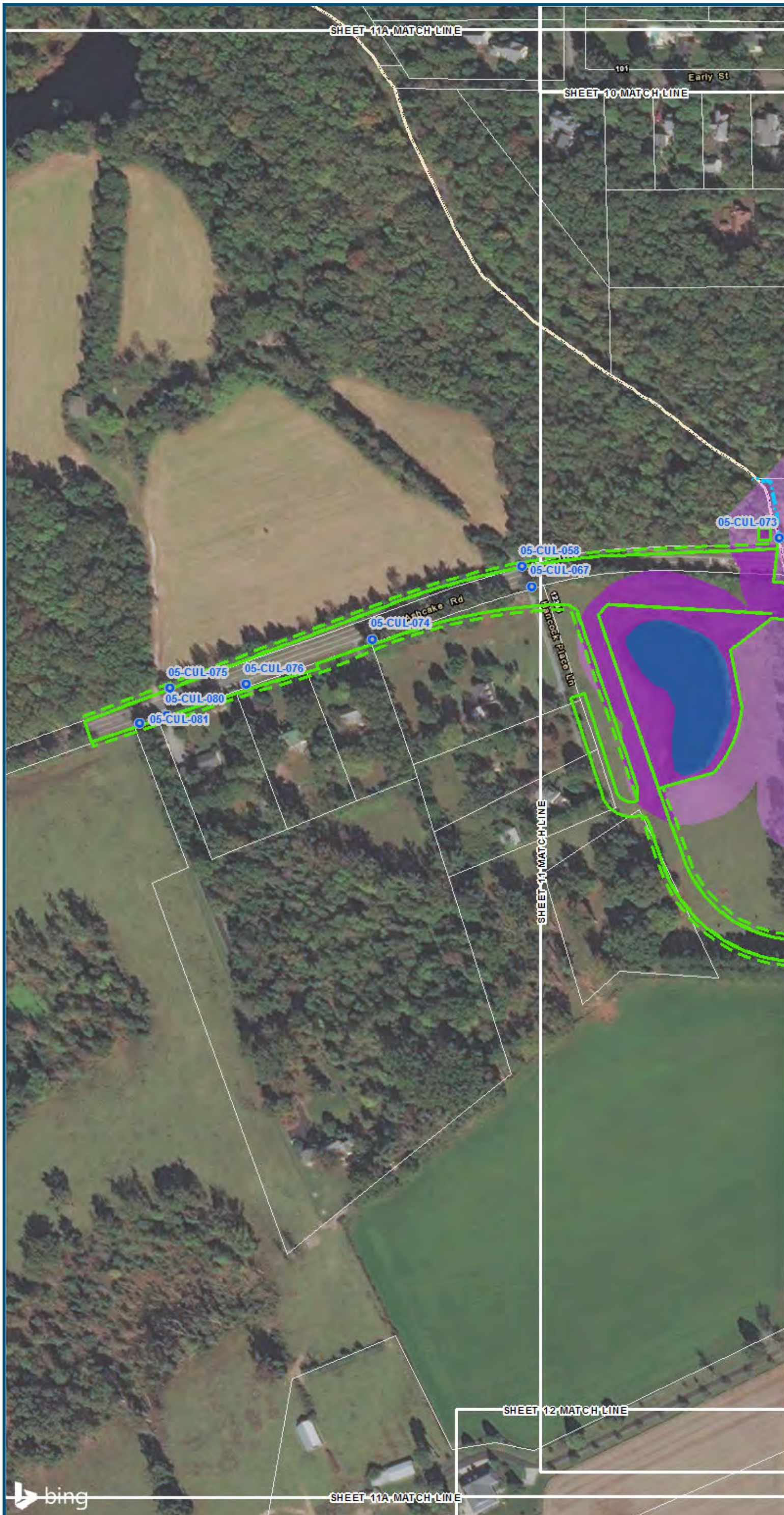
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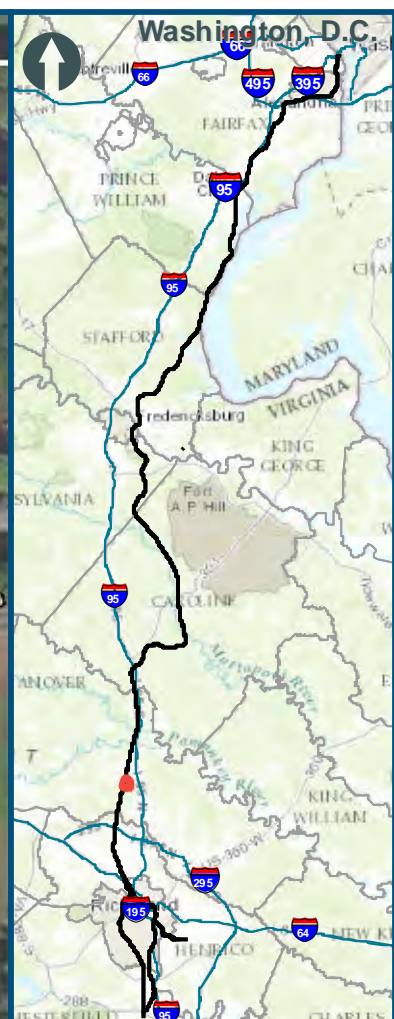


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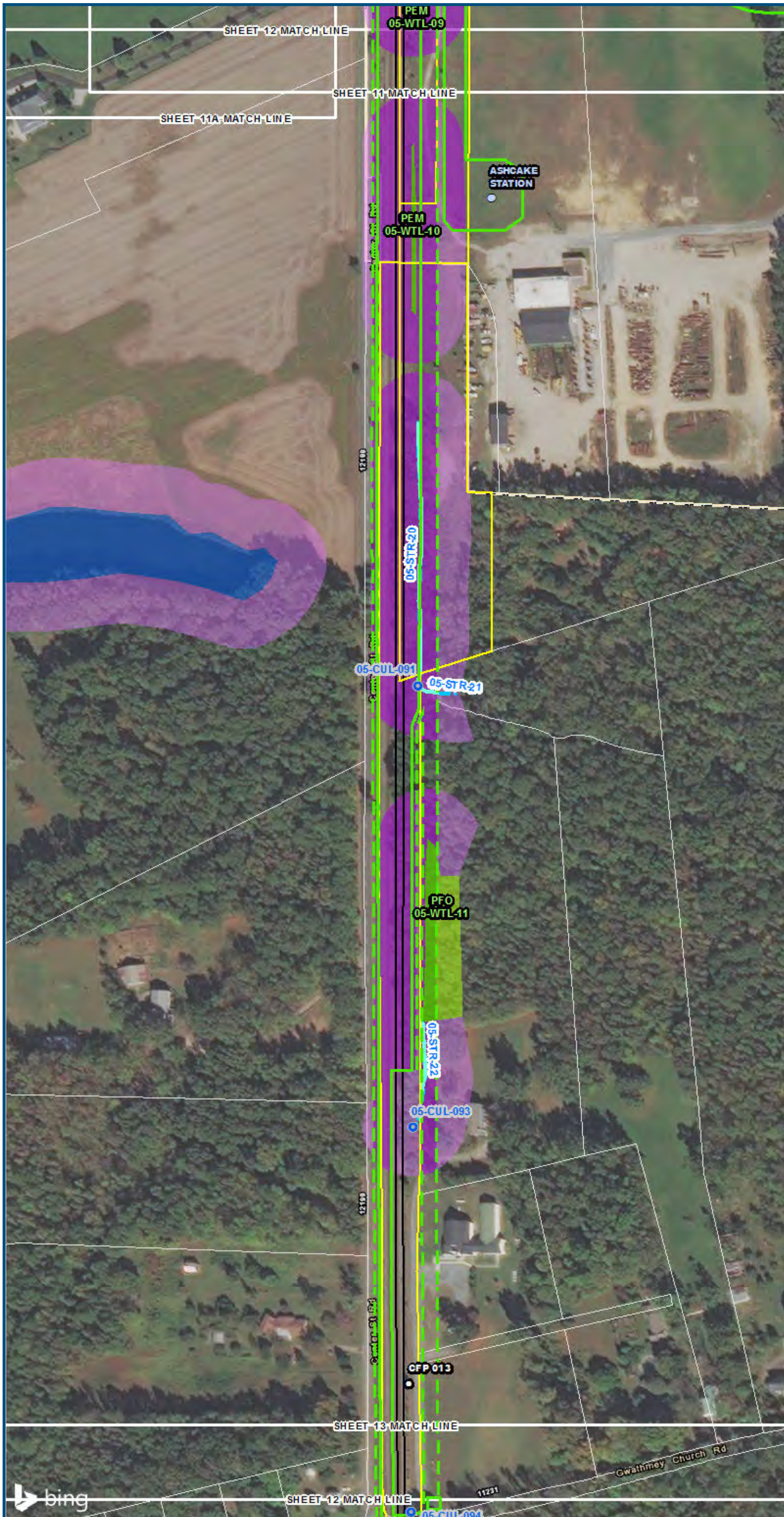
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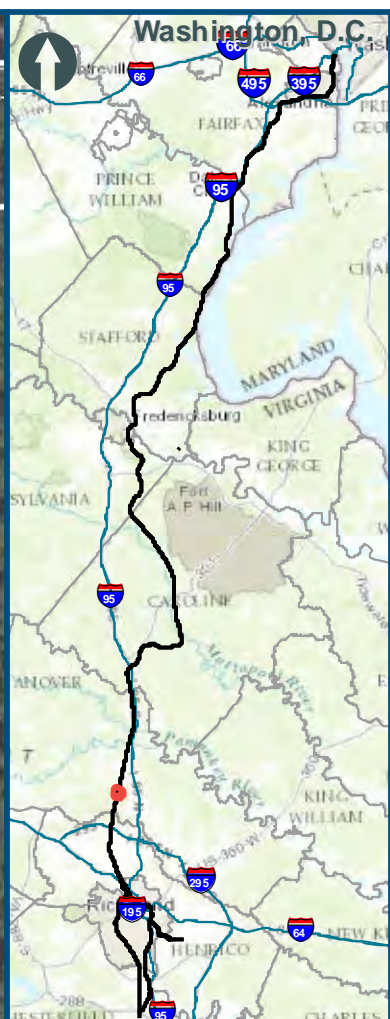
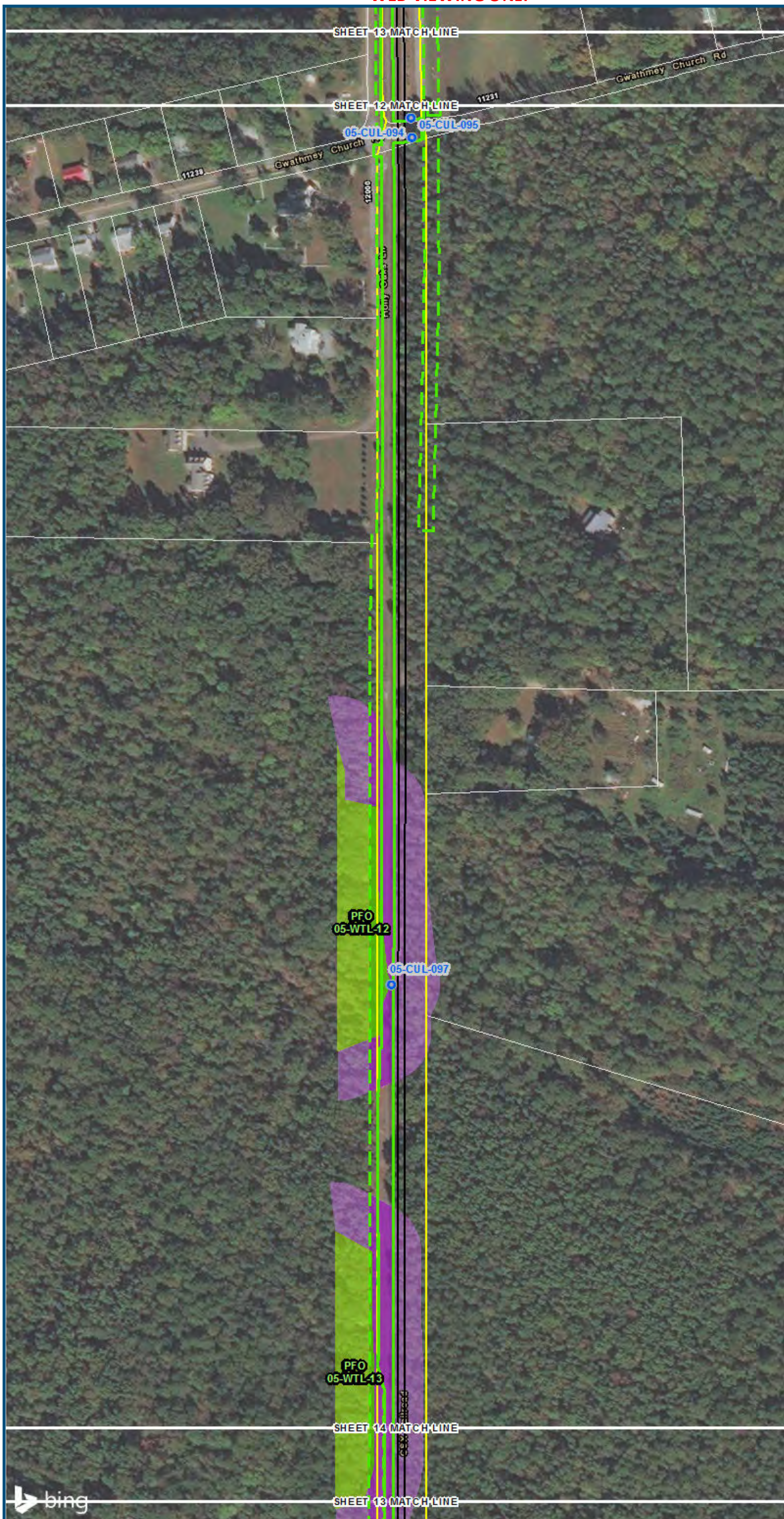


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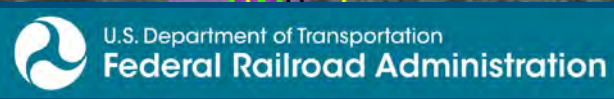
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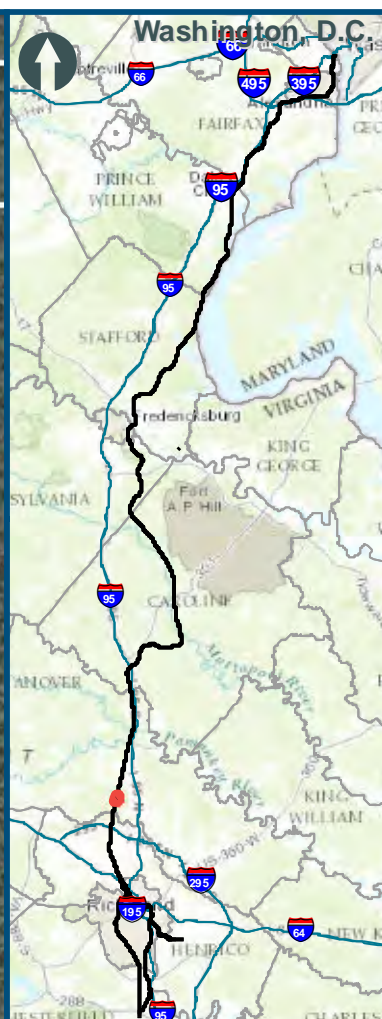
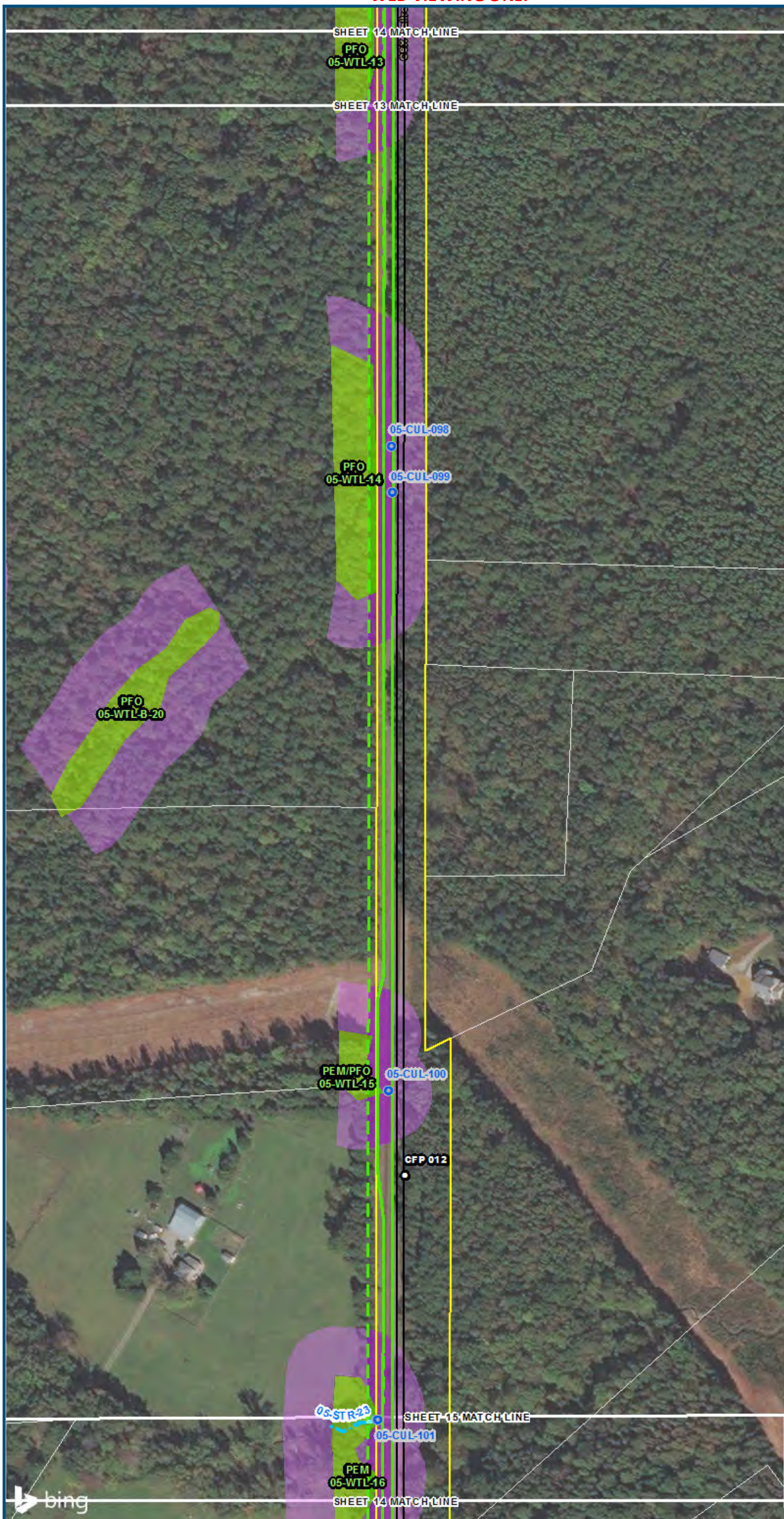
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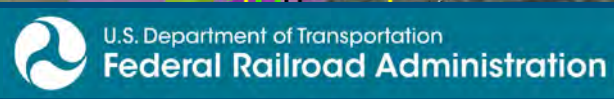
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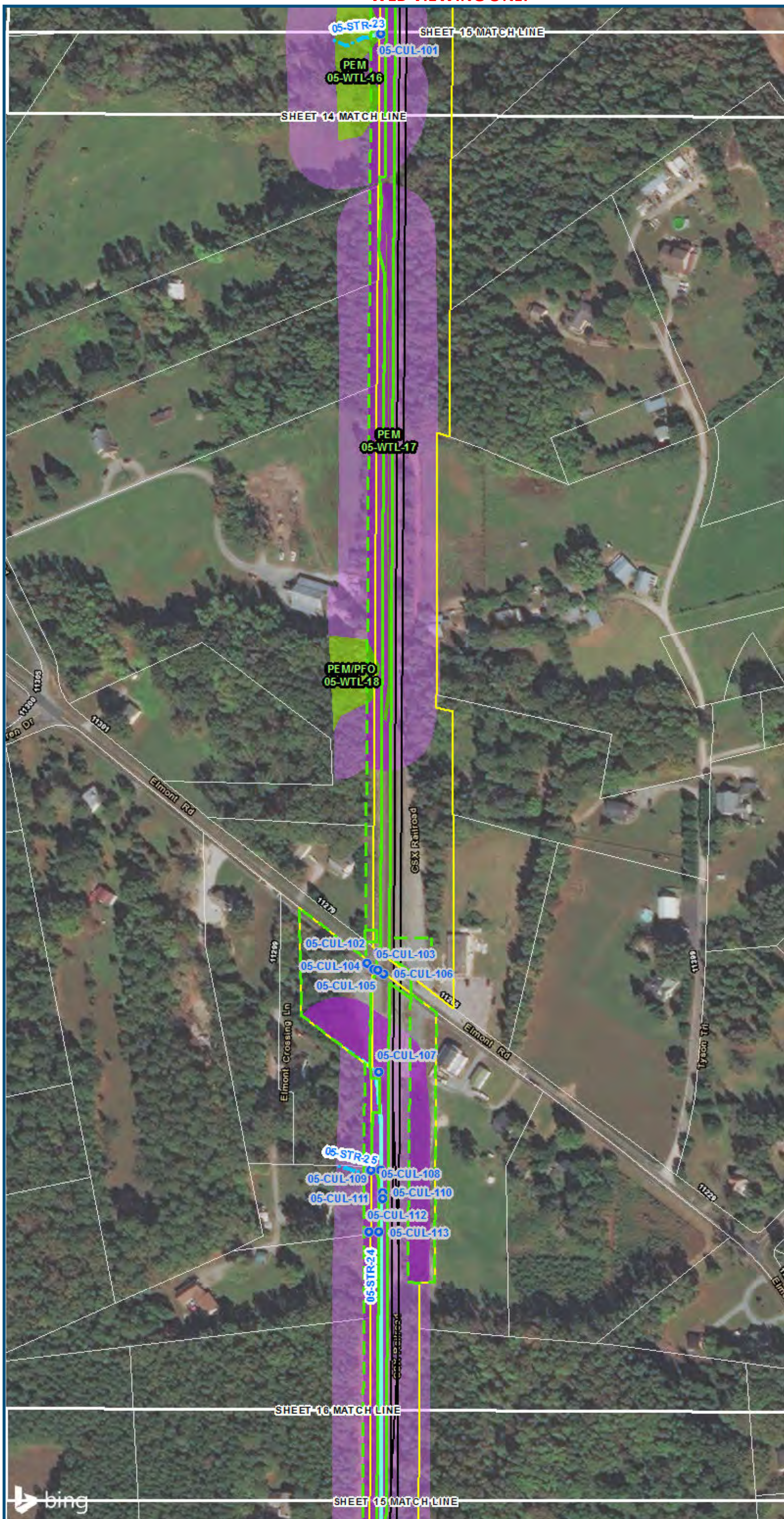
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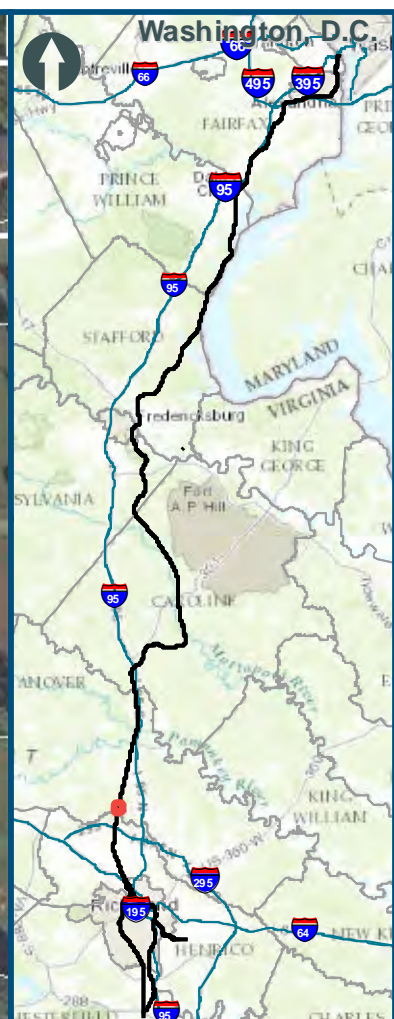
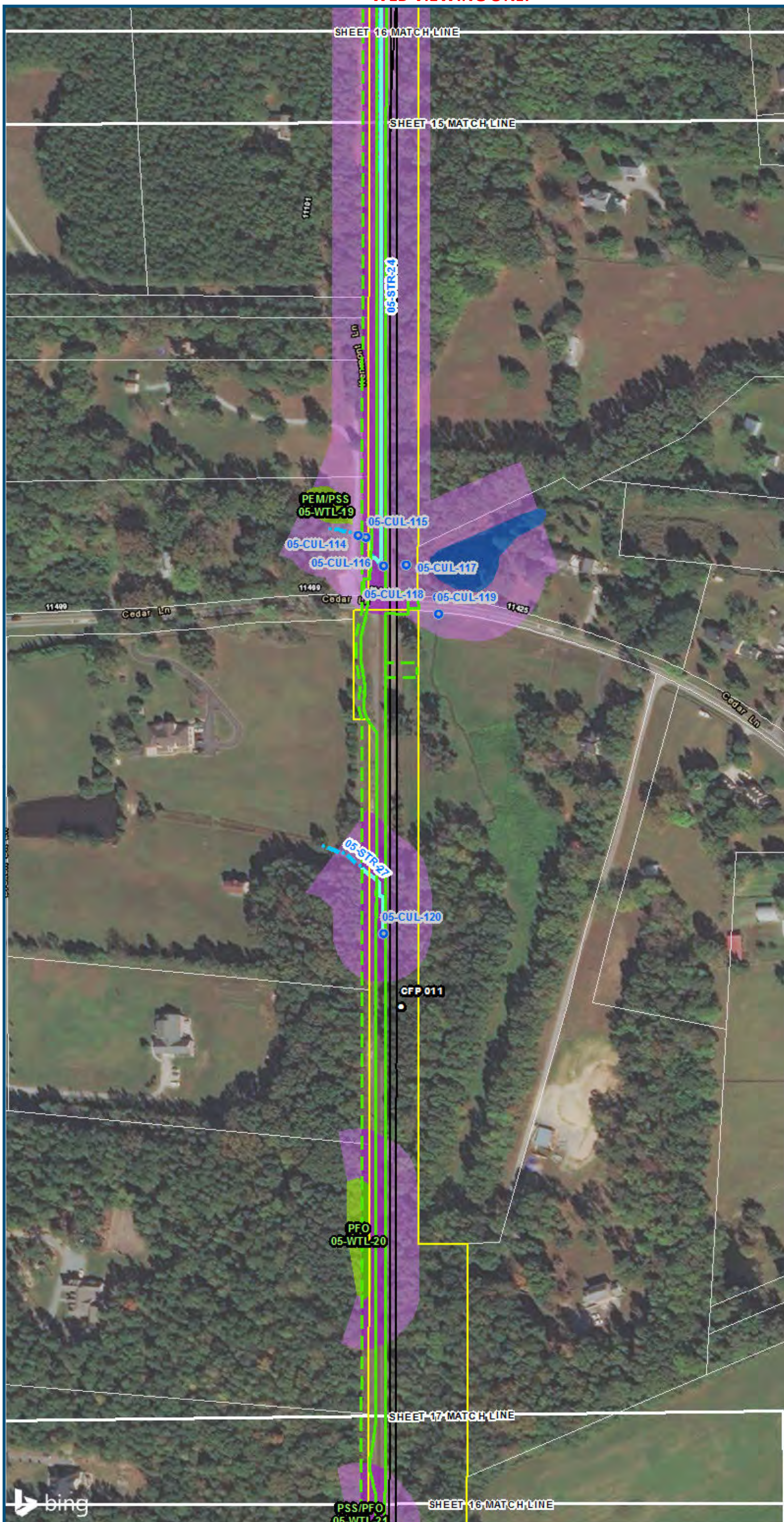
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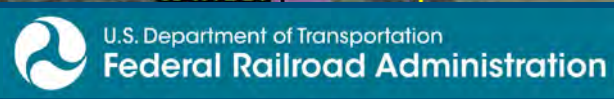
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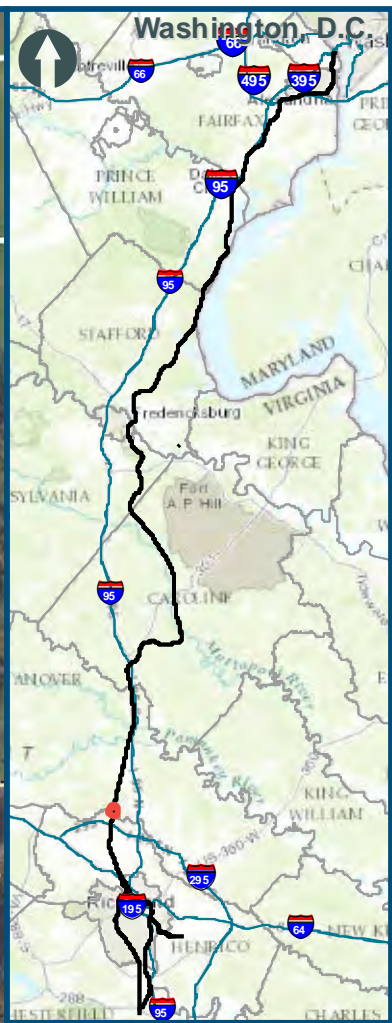
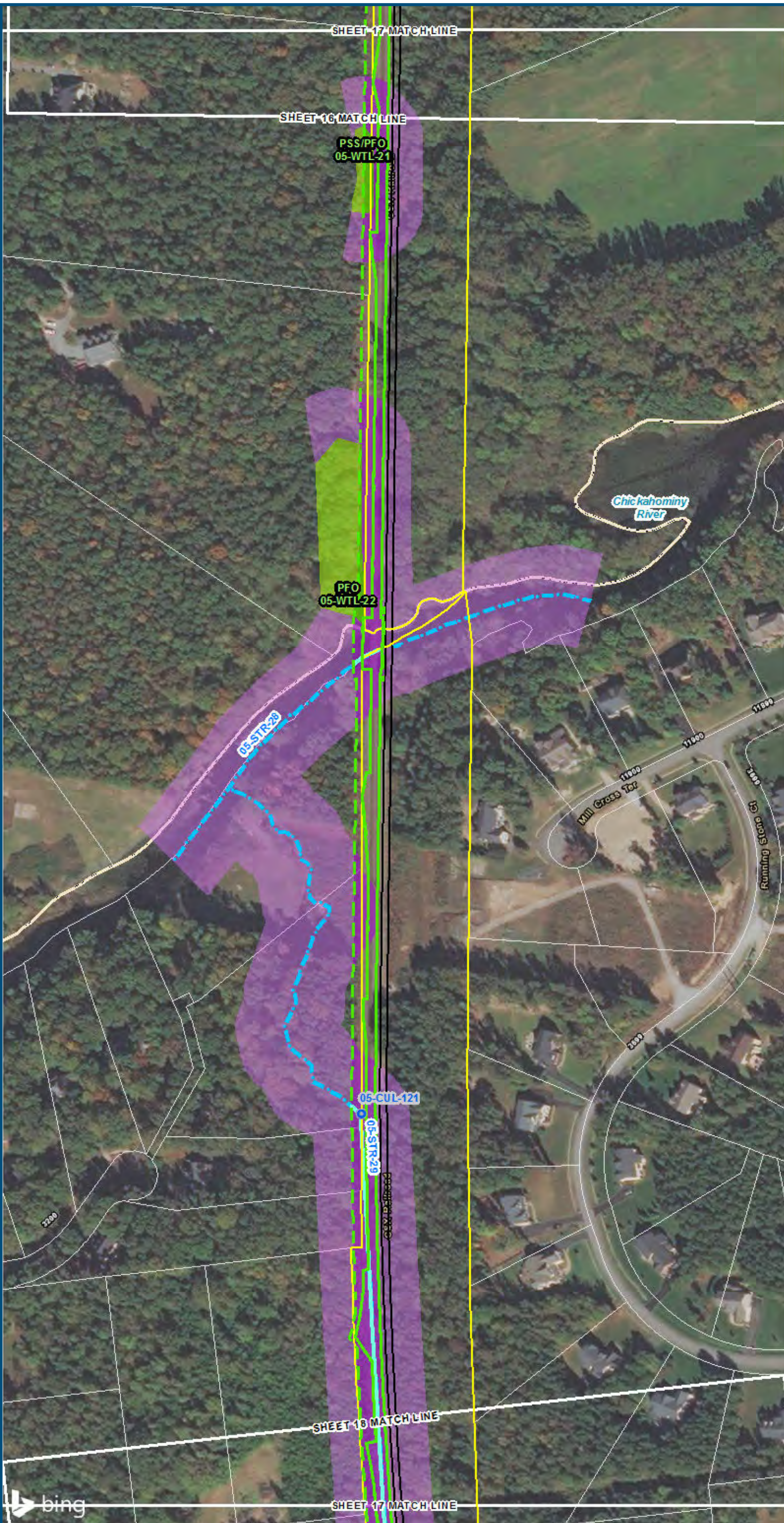
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0 100 200
 Feet
 1 inch = 200 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State: Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery/Basemap Source: 2015 Bing
 Aerial Imagery; ESRI World Transportation

Legend

- Permanent Limits of Disturbance
- Temporary Limits of Disturbance
- CSXT Mileposts
- Track - Existing
- Stations
- Proposed Stations
- Culverts
- Delineated Stream Impacts
- Delineated Streams
- Major River Impacts
- Waterbodies
- Delineated Wetlands
- Delineated Wetland Impacts
- Resource Protection Areas
- Resource Protection Area Impacts
- Impaired Waters
- CSXT ROW (County Parcel Data)
- City/County Parcels
- City/County Boundary

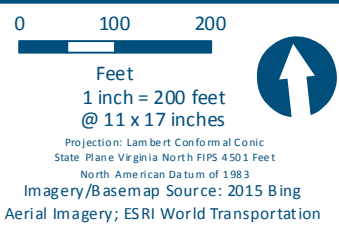
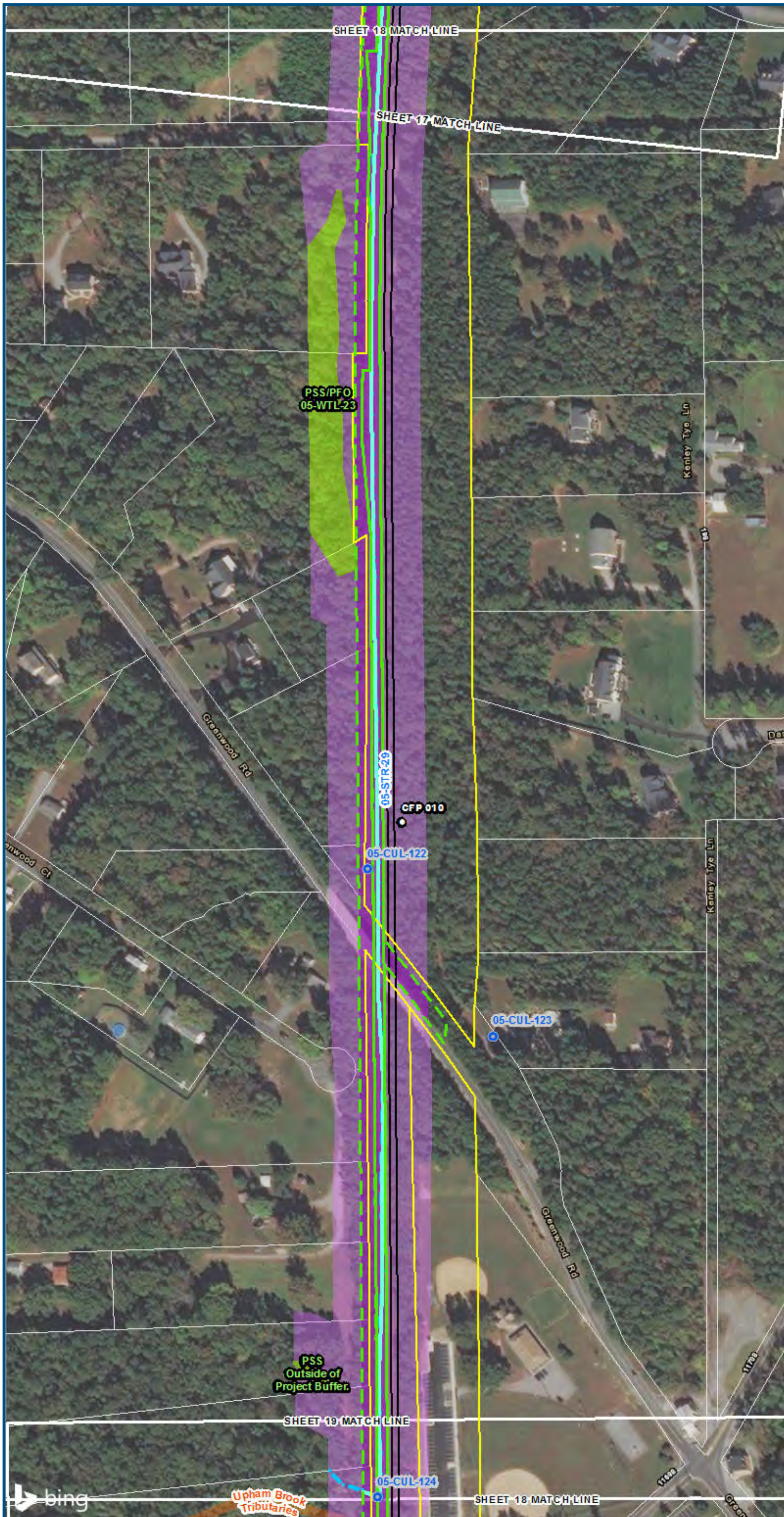
**Mapbook E-4
 Potential Impacts to
 Wetlands and Streams
 Build Alternative
 5D-Ashcake
 Three Tracks Centered
 Through Town
 (Add 1 Track; Relocate
 Station to Ashcake)**

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- Legend**
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 - City/County Parcels
 - City/County Boundary

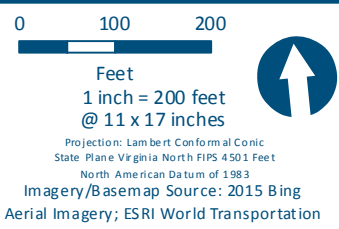
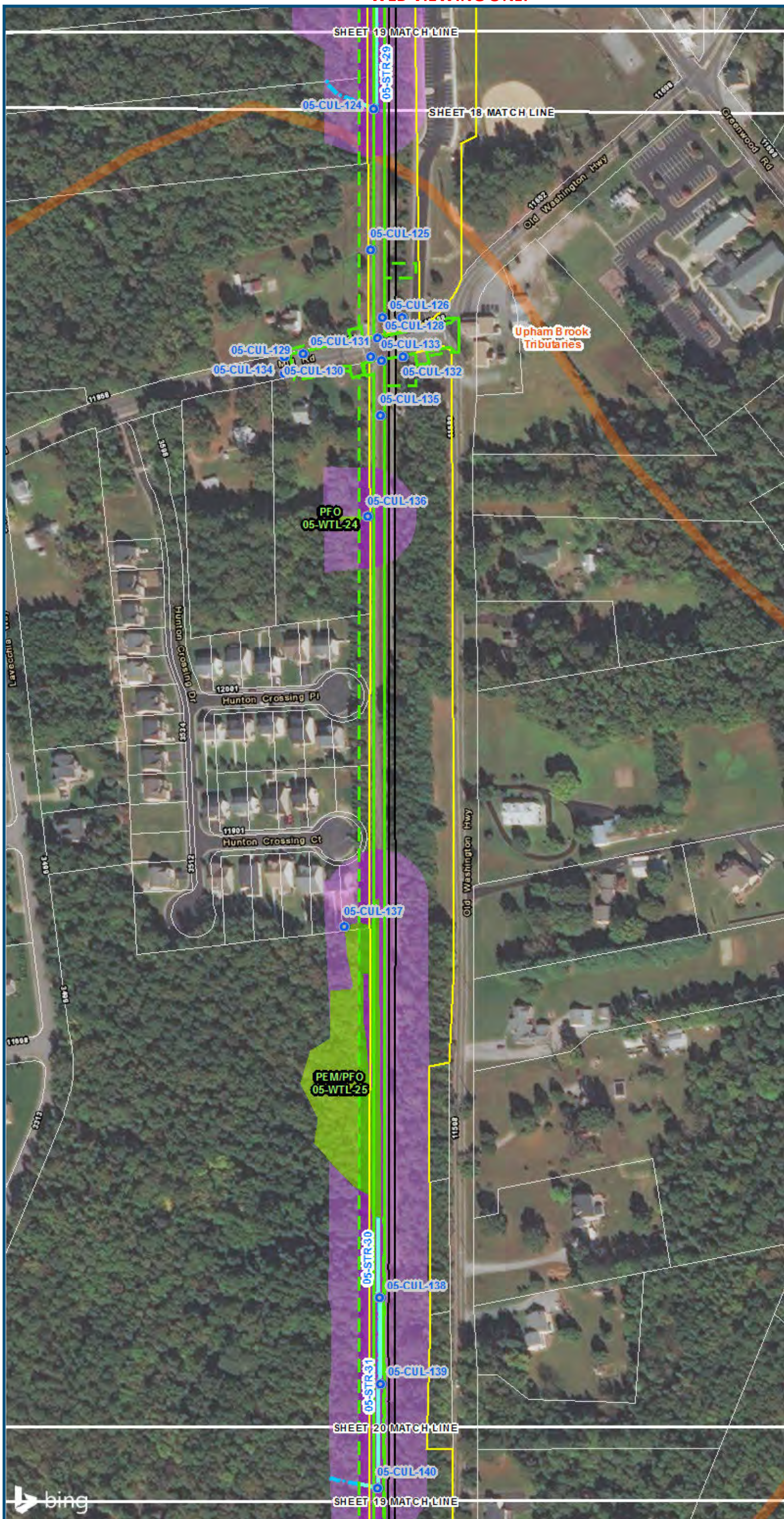
**Mapbook E-4
Potential Impacts to
Wetlands and Streams
Build Alternative
5D-Ashcake
Three Tracks Centered
Through Town
(Add 1 Track; Relocate
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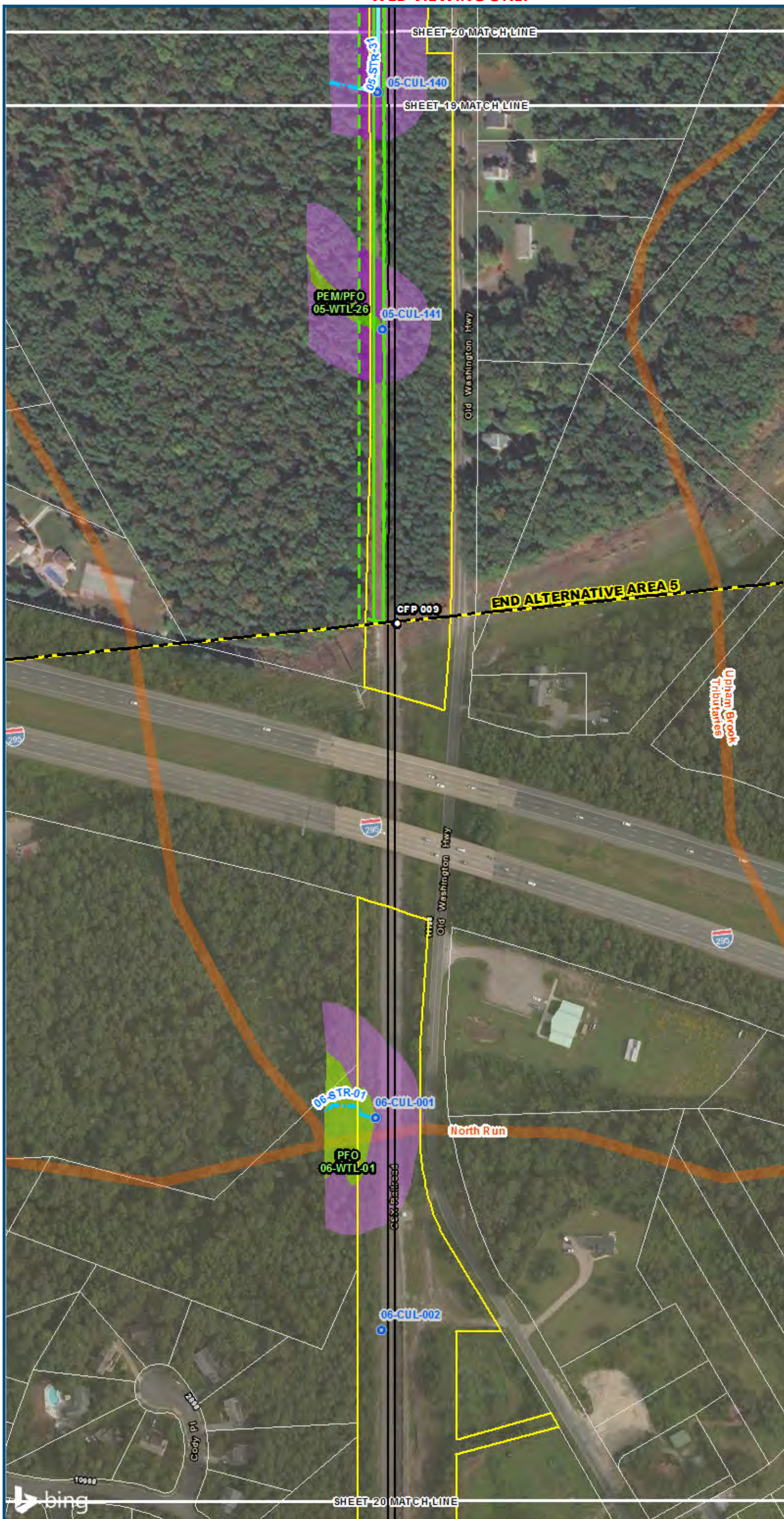




- Legend**
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**Mapbook E-4
Potential Impacts to
Wetlands and Streams
Build Alternative
5D-Ashcake
Three Tracks Centered
Through Town
(Add 1 Track; Relocate
Station to Ashcake)**

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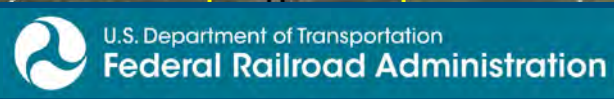
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Mapbook E-4
Potential Impacts to
Wetlands and Streams
Build Alternative
5D-Ashcake
Three Tracks Centered
Through Town
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