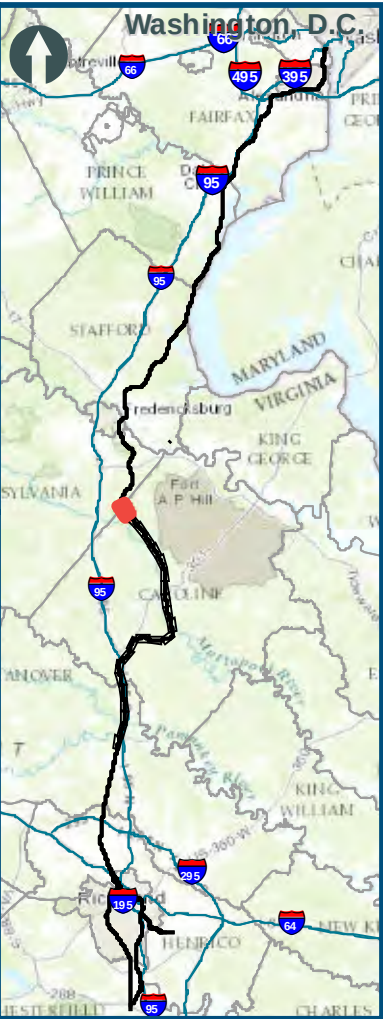


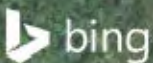


0 250 500
Feet
1 inch = 500 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery/Basemap Source: 2015 Bing
Aerial Imagery; ESRI World Transportation

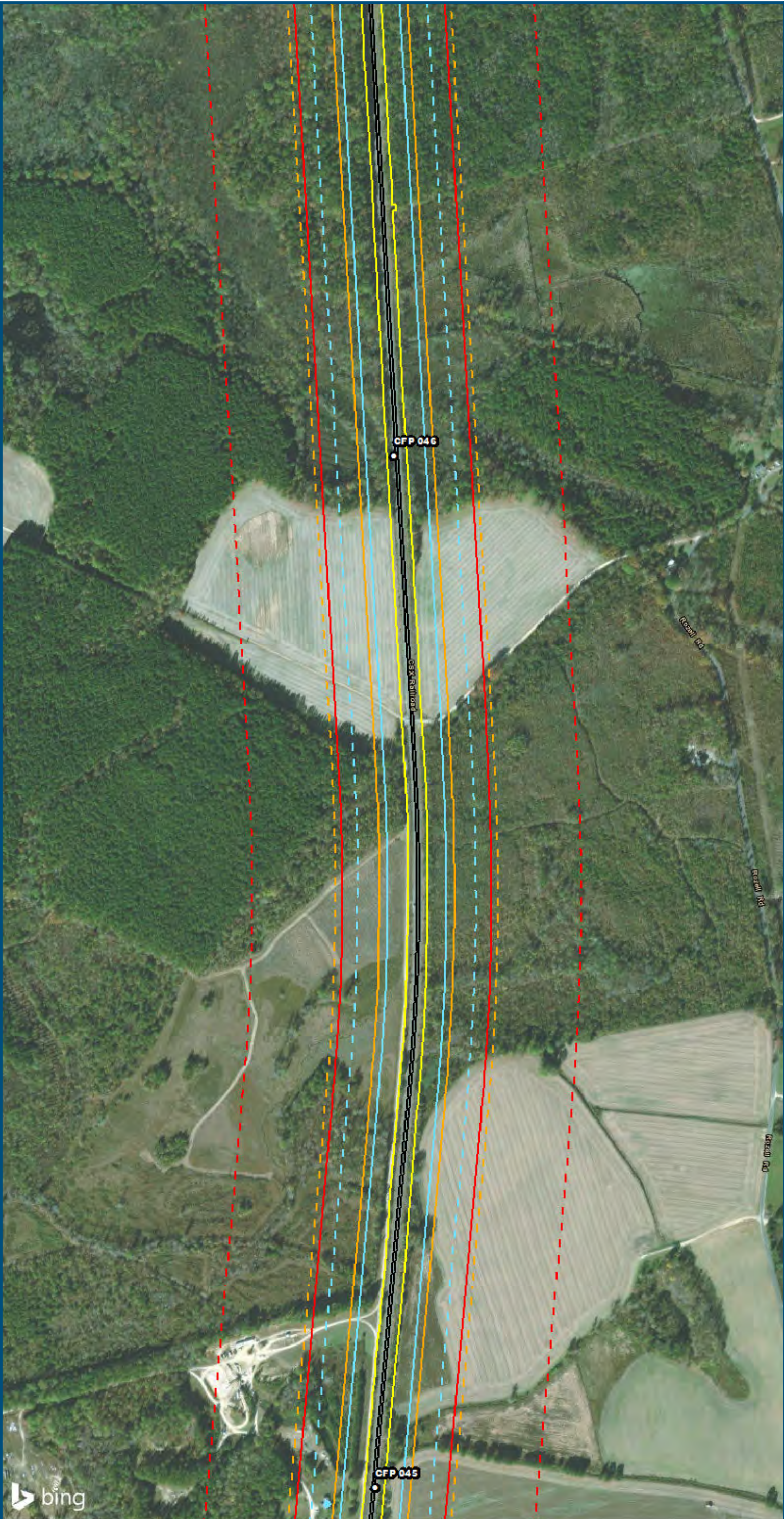
Legend

- Category 1 Moderate Noise Impact Contour
- Category 1 Severe Noise Impact Contour
- Category 1 Moderate Noise Impacts
- Category 1 Severe Noise Impacts
- Category 2 Moderate Noise Impact Contour
- Category 2 Severe Noise Impact Contour
- Category 2 Moderate Noise Impacts
- Category 2 Severe Noise Impacts
- Category 3 Moderate Noise Impact Contour
- Category 3 Severe Noise Impact Contour
- Category 3 Moderate Noise Impacts
- Category 3 Severe Noise Impacts
- CSXT Mileposts
- Track - Existing
- Stations
- Proposed Stations
- CSXT ROW (County Parcel Data)
- City/County Boundary

Appendix E
Noise Analysis
Area 4:
Central Virginia



Sheet 2 of 22



0250500

Feet

1 inch = 500 feet

@ 11 x 17 inches

Projection: Lambert Conformal Conic

State: Plane Virginia North FIPS 4501 Feet

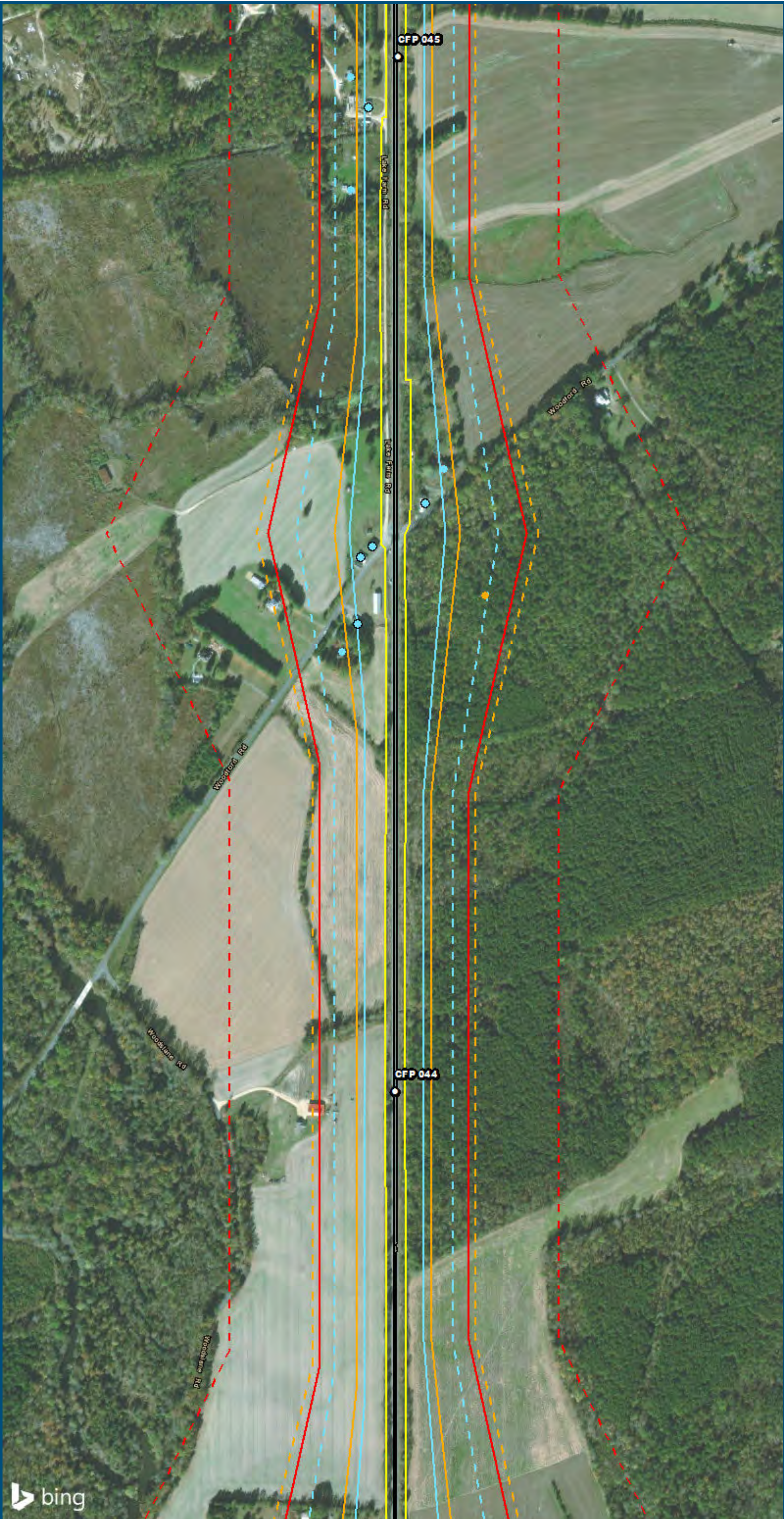
North American Datum of 1983

Imagery/Basemap Source: 2015 Bing

Aerial Imagery; ESRI World Transportation

- Legend
- Category 1 Moderate Noise Impact Contour
- Category 1 Severe Noise Impact Contour
- Category 1 Moderate Noise Impacts
- Category 1 Severe Noise Impacts
- Category 2 Moderate Noise Impact Contour
- Category 2 Severe Noise Impact Contour
- Category 2 Moderate Noise Impacts
- Category 2 Severe Noise Impacts
- Category 3 Moderate Noise Impact Contour
- Category 3 Severe Noise Impact Contour
- Category 3 Moderate Noise Impacts
- Category 3 Severe Noise Impacts
- CSXT Mileposts
- Track - Existing
- Stations
- Proposed Stations
- CSXT ROW (County Parcel Data)
- City/County Boundary

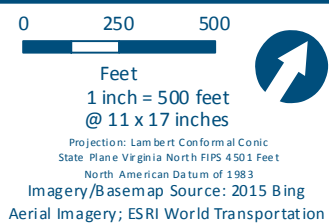
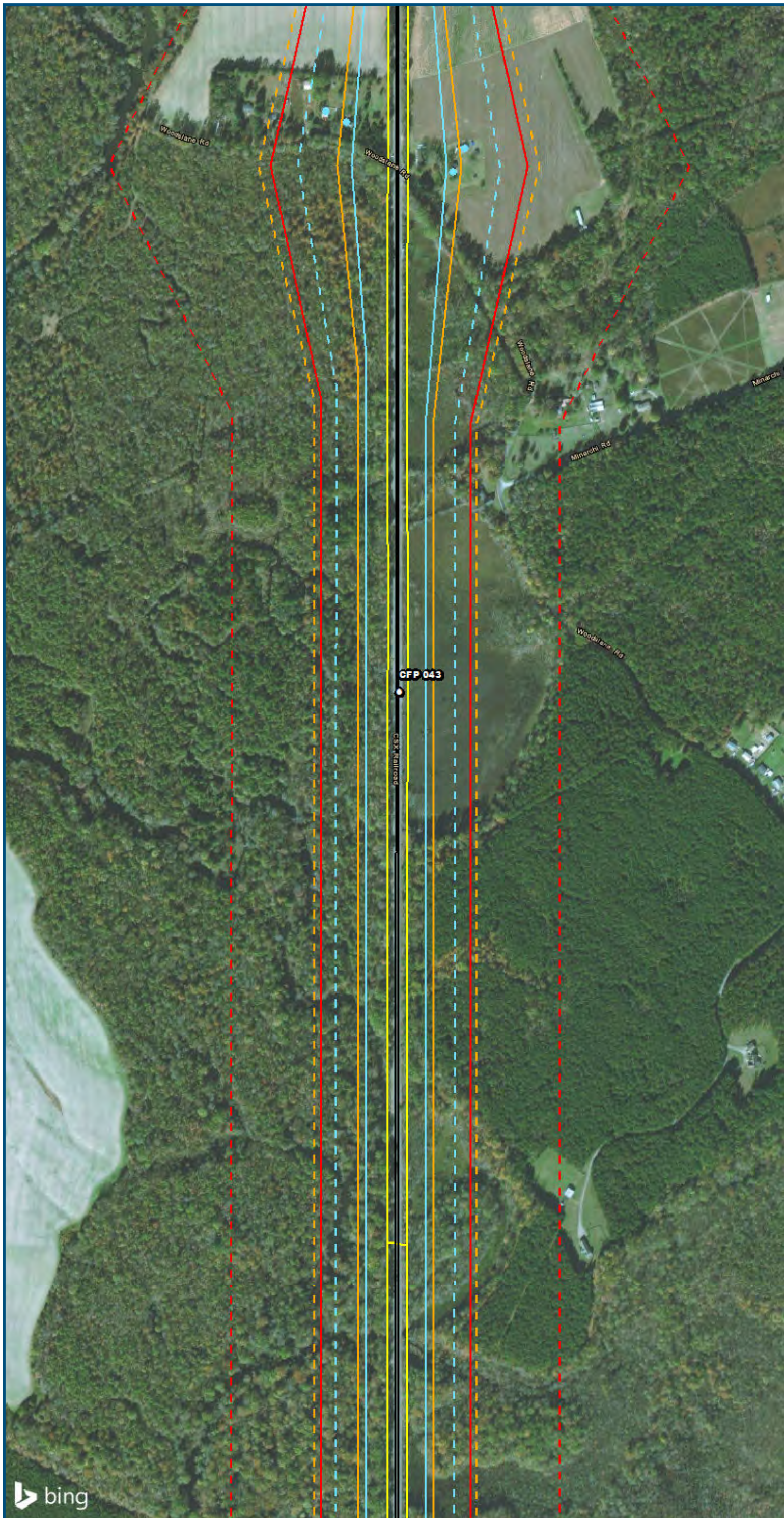
Appendix E
Noise Analysis
Area 4:
Central Virginia



0 250 500
Feet
1 inch = 500 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**
- Category 1 Moderate Noise Impact Contour
 - Category 1 Severe Noise Impact Contour
 - Category 1 Moderate Noise Impacts
 - Category 1 Severe Noise Impacts
 - Category 2 Moderate Noise Impact Contour
 - Category 2 Severe Noise Impact Contour
 - Category 2 Moderate Noise Impacts
 - Category 2 Severe Noise Impacts
 - Category 3 Moderate Noise Impact Contour
 - Category 3 Severe Noise Impact Contour
 - Category 3 Moderate Noise Impacts
 - Category 3 Severe Noise Impacts
 - CSXT Mileposts
 - Track - Existing
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 - Proposed Stations
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**Appendix E
Noise Analysis
Area 4:
Central Virginia**



- Category 1 Moderate Noise Impact Contour
- Category 1 Severe Noise Impact Contour
- Category 1 Moderate Noise Impacts
- Category 1 Severe Noise Impacts
- Category 2 Moderate Noise Impact Contour
- Category 2 Severe Noise Impact Contour
- Category 2 Moderate Noise Impacts
- Category 2 Severe Noise Impacts
- Category 3 Moderate Noise Impact Contour
- Category 3 Severe Noise Impact Contour
- Category 3 Moderate Noise Impacts
- Category 3 Severe Noise Impacts
- CSXT Mileposts
- Track - Existing
- Stations
- Proposed Stations
- CSXT ROW (County Parcel Data)
- City/County Boundary

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0250500

Feet

1 inch = 500 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
- Category 1 Moderate Noise Impact Contour

Category 1 Severe Noise Impact Contour

Category 1 Moderate Noise Impacts

Category 1 Severe Noise Impacts

Category 2 Moderate Noise Impact Contour

Category 2 Severe Noise Impact Contour

Category 2 Moderate Noise Impacts

Category 2 Severe Noise Impacts

Category 3 Moderate Noise Impact Contour

Category 3 Severe Noise Impact Contour

Category 3 Moderate Noise Impacts

Category 3 Severe Noise Impacts

CSXT Mileposts

Track - Existing

Stations

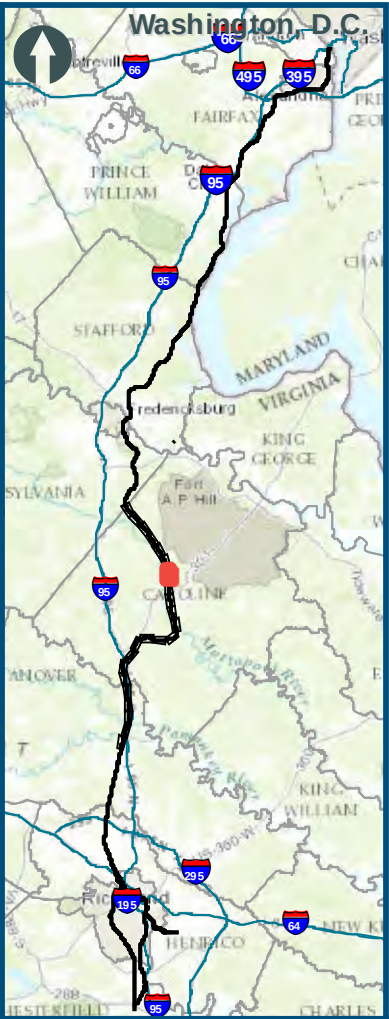
Proposed Stations

CSXT ROW (County Parcel Data)

City/County Boundary

Appendix E
Noise Analysis
Area 4:
Central Virginia





0250500

Feet

1 inch = 500 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

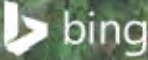
- Legend
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- Category 1 Severe Noise Impact Contour
- Category 1 Moderate Noise Impacts
- Category 1 Severe Noise Impacts
- Category 2 Moderate Noise Impact Contour
- Category 2 Severe Noise Impact Contour
- Category 2 Moderate Noise Impacts
- Category 2 Severe Noise Impacts
- Category 3 Moderate Noise Impact Contour
- Category 3 Severe Noise Impact Contour
- Category 3 Moderate Noise Impacts
- Category 3 Severe Noise Impacts
- CSXT Mileposts
- Track - Existing
- Stations
- Proposed Stations
- CSXT ROW (County Parcel Data)
- City/County Boundary

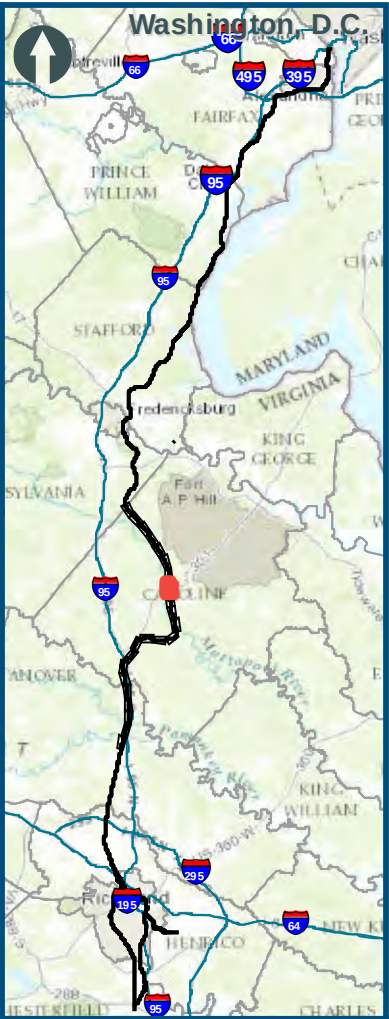
Appendix E

Noise Analysis

Area 4:

Central Virginia





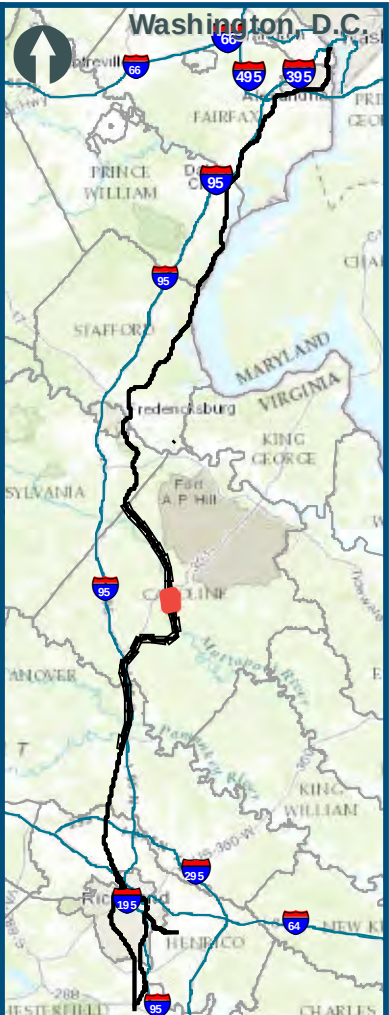
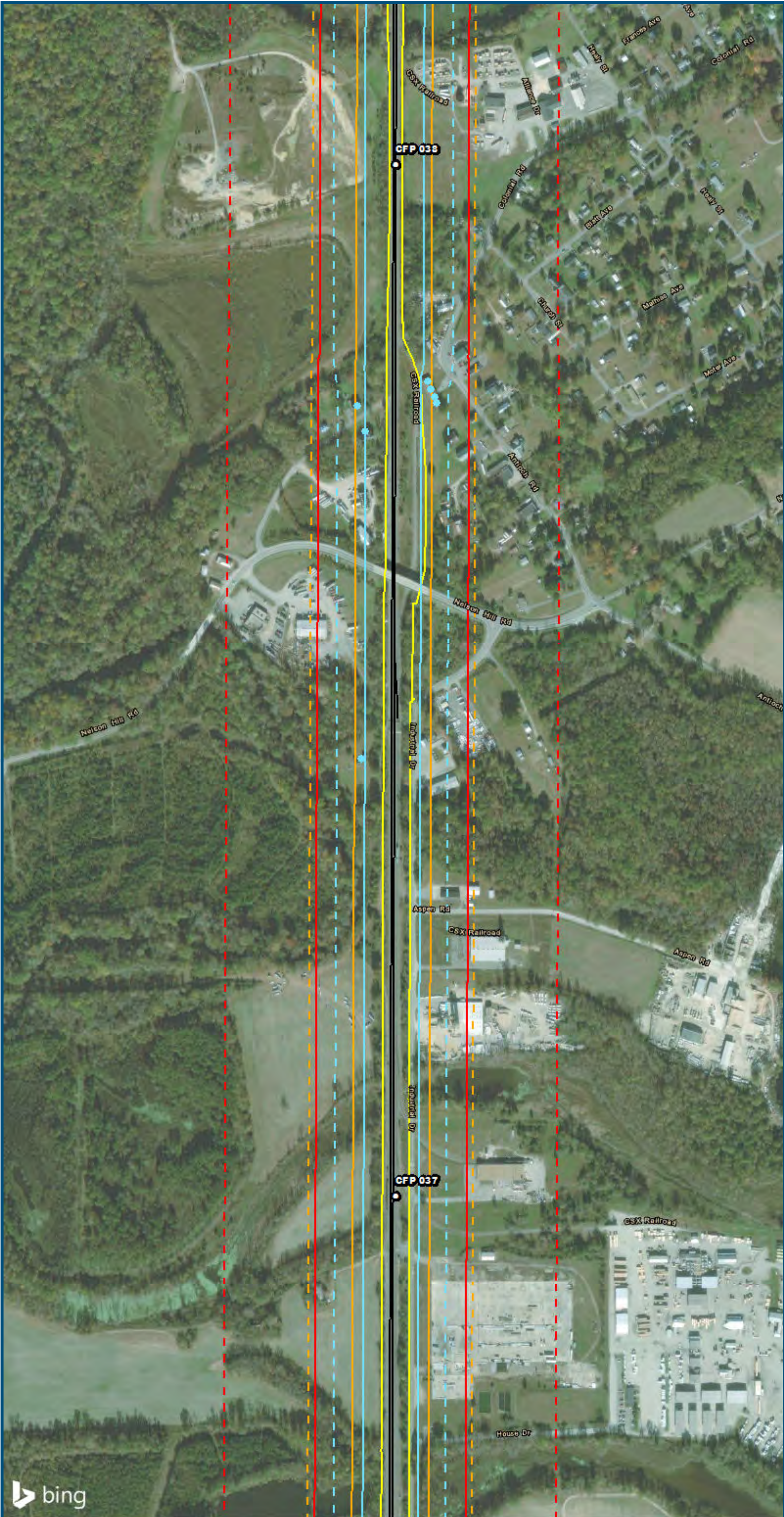
0250500

Feet
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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

- Legend
- Category 1 Moderate Noise Impact Contour
-
- Category 1 Severe Noise Impact Contour
-
- Category 1 Moderate Noise Impacts
-
- Category 1 Severe Noise Impacts
-
- Category 2 Moderate Noise Impact Contour
-
- Category 2 Severe Noise Impact Contour
-
- Category 2 Moderate Noise Impacts
-
- Category 2 Severe Noise Impacts
-
- Category 3 Moderate Noise Impact Contour
-
- Category 3 Severe Noise Impact Contour
-
- Category 3 Moderate Noise Impacts
-
- Category 3 Severe Noise Impacts
-
- CSXT Mileposts
-
- Track - Existing
-
- Stations
-
- Proposed Stations
-
- CSXT ROW (County Parcel Data)
-
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Appendix E
Noise Analysis
Area 4:
Central Virginia



0250500

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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
- Category 1 Moderate Noise Impact Contour

Category 1 Severe Noise Impact Contour

Category 1 Moderate Noise Impacts

Category 1 Severe Noise Impacts

Category 2 Moderate Noise Impact Contour

Category 2 Severe Noise Impact Contour

Category 2 Moderate Noise Impacts

Category 2 Severe Noise Impacts

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Category 3 Severe Noise Impact Contour

Category 3 Moderate Noise Impacts

Category 3 Severe Noise Impacts

CSXT Mileposts

Track - Existing

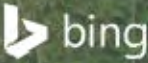
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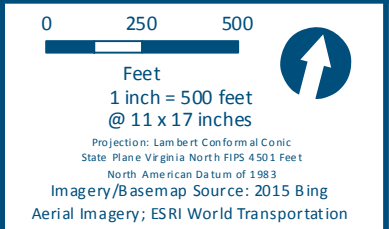
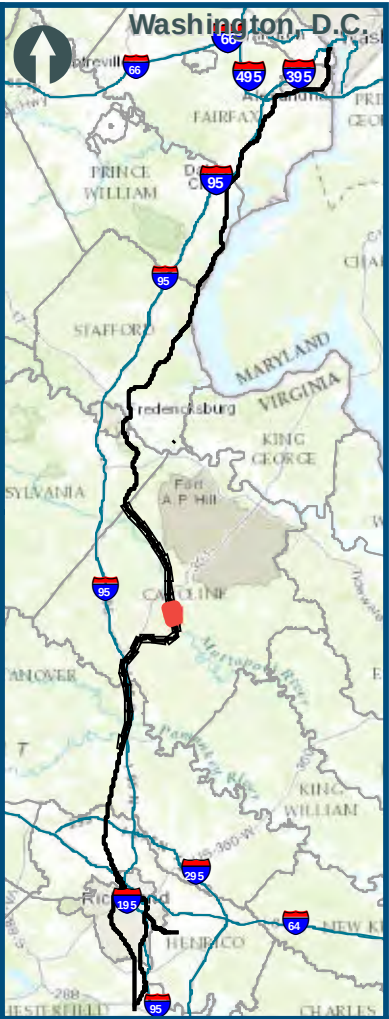
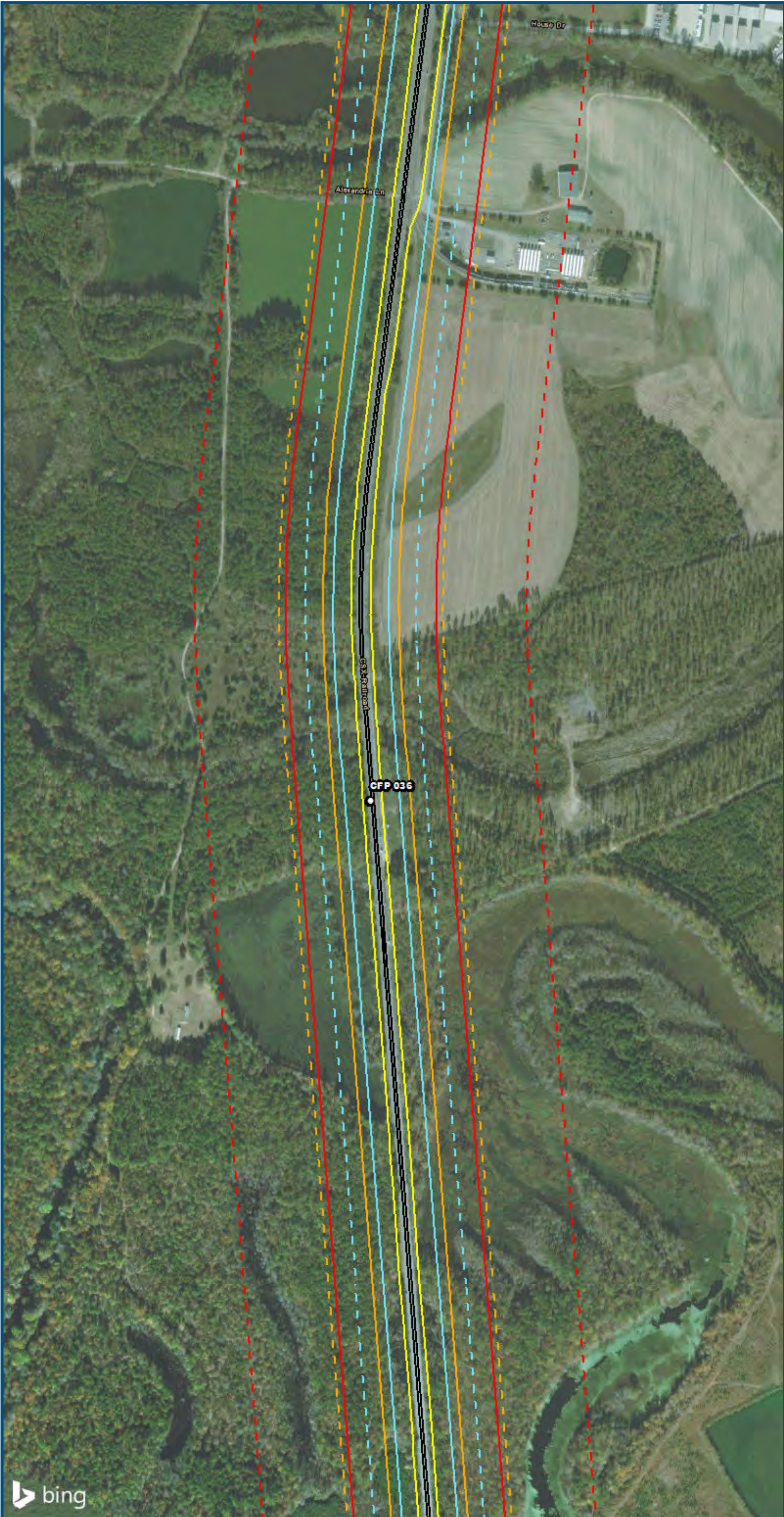
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CSXT ROW (County Parcel Data)

City/County Boundary

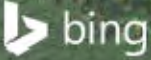
Appendix E
Noise Analysis
Area 4:
Central Virginia

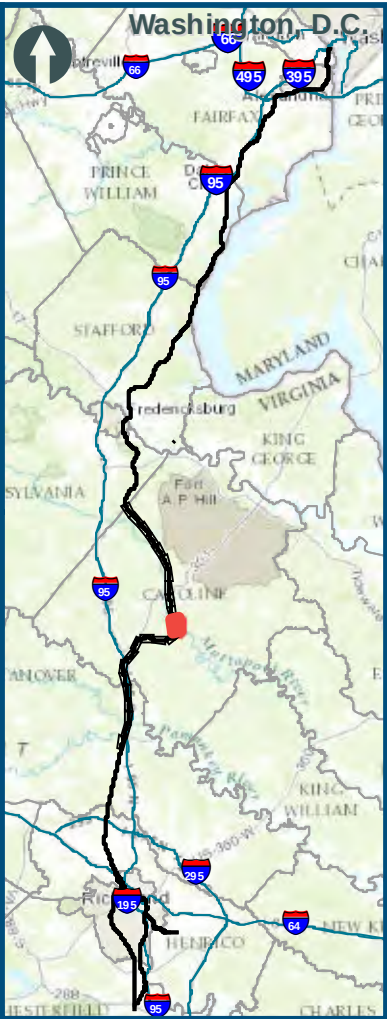




- Legend**
- Category 1 Moderate Noise Impact Contour
 - Category 1 Severe Noise Impact Contour
 - Category 1 Moderate Noise Impacts
 - Category 1 Severe Noise Impacts
 - Category 2 Moderate Noise Impact Contour
 - Category 2 Severe Noise Impact Contour
 - Category 2 Moderate Noise Impacts
 - Category 2 Severe Noise Impacts
 - Category 3 Moderate Noise Impact Contour
 - Category 3 Severe Noise Impact Contour
 - Category 3 Moderate Noise Impacts
 - Category 3 Severe Noise Impacts
 - CSXT Mileposts
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Appendix E
Noise Analysis
Area 4:
Central Virginia





0250500

Feet
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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
- Category 1 Moderate Noise Impact Contour

Category 1 Severe Noise Impact Contour

Category 1 Moderate Noise Impacts

Category 1 Severe Noise Impacts

Category 2 Moderate Noise Impact Contour

Category 2 Severe Noise Impact Contour

Category 2 Moderate Noise Impacts

Category 2 Severe Noise Impacts

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Category 3 Severe Noise Impact Contour

Category 3 Moderate Noise Impacts

Category 3 Severe Noise Impacts

CSXT Mileposts

Track - Existing

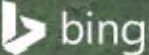
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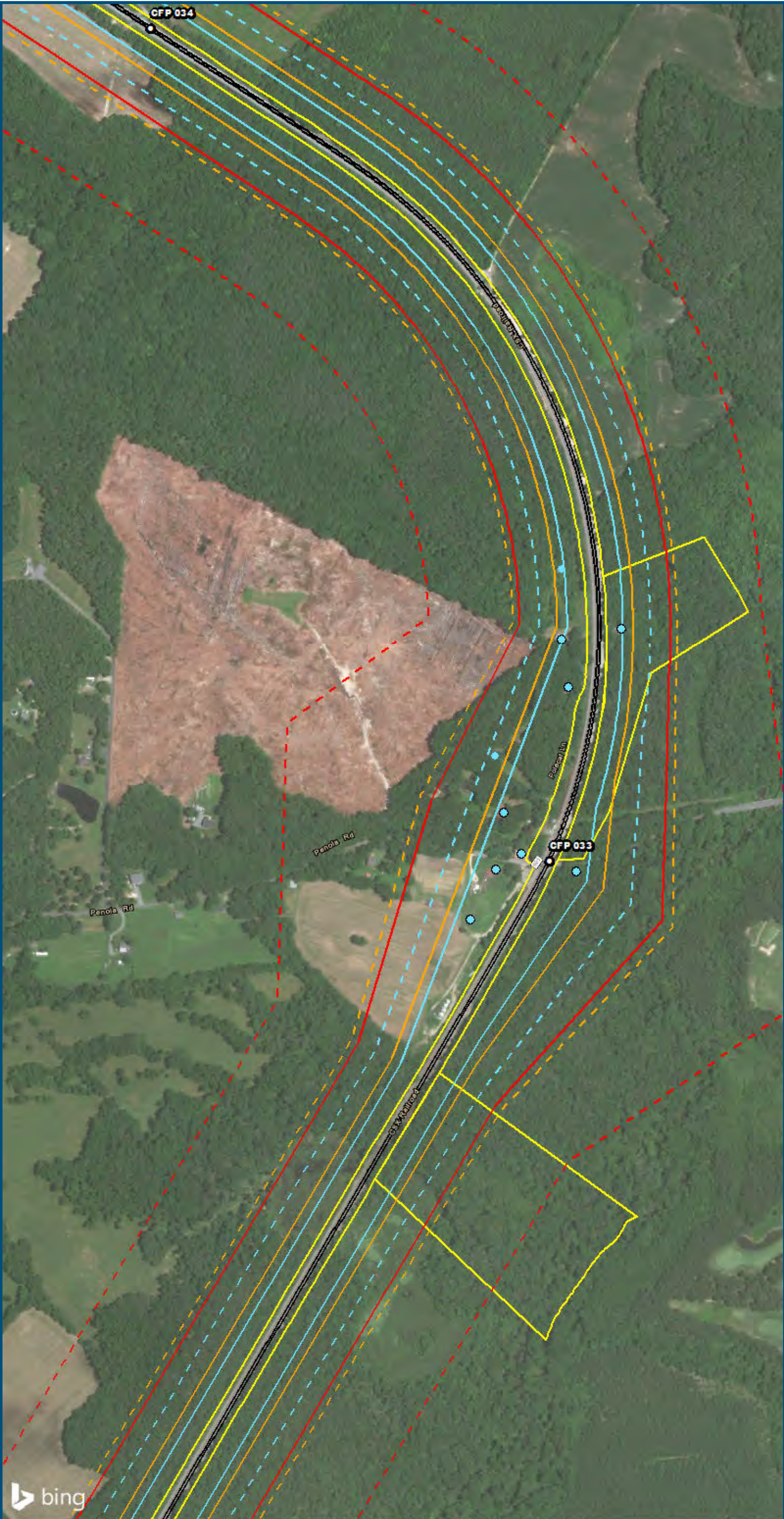
Proposed Stations

CSXT ROW (County Parcel Data)

City/County Boundary

Appendix E
Noise Analysis
Area 4:
Central Virginia





0250500

Feet

1 inch = 500 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
- Category 1 Moderate Noise Impact Contour

Category 1 Severe Noise Impact Contour

Category 1 Moderate Noise Impacts

Category 1 Severe Noise Impacts

Category 2 Moderate Noise Impact Contour

Category 2 Severe Noise Impact Contour

Category 2 Moderate Noise Impacts

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Category 3 Moderate Noise Impacts

Category 3 Severe Noise Impacts

CSXT Mileposts

Track - Existing

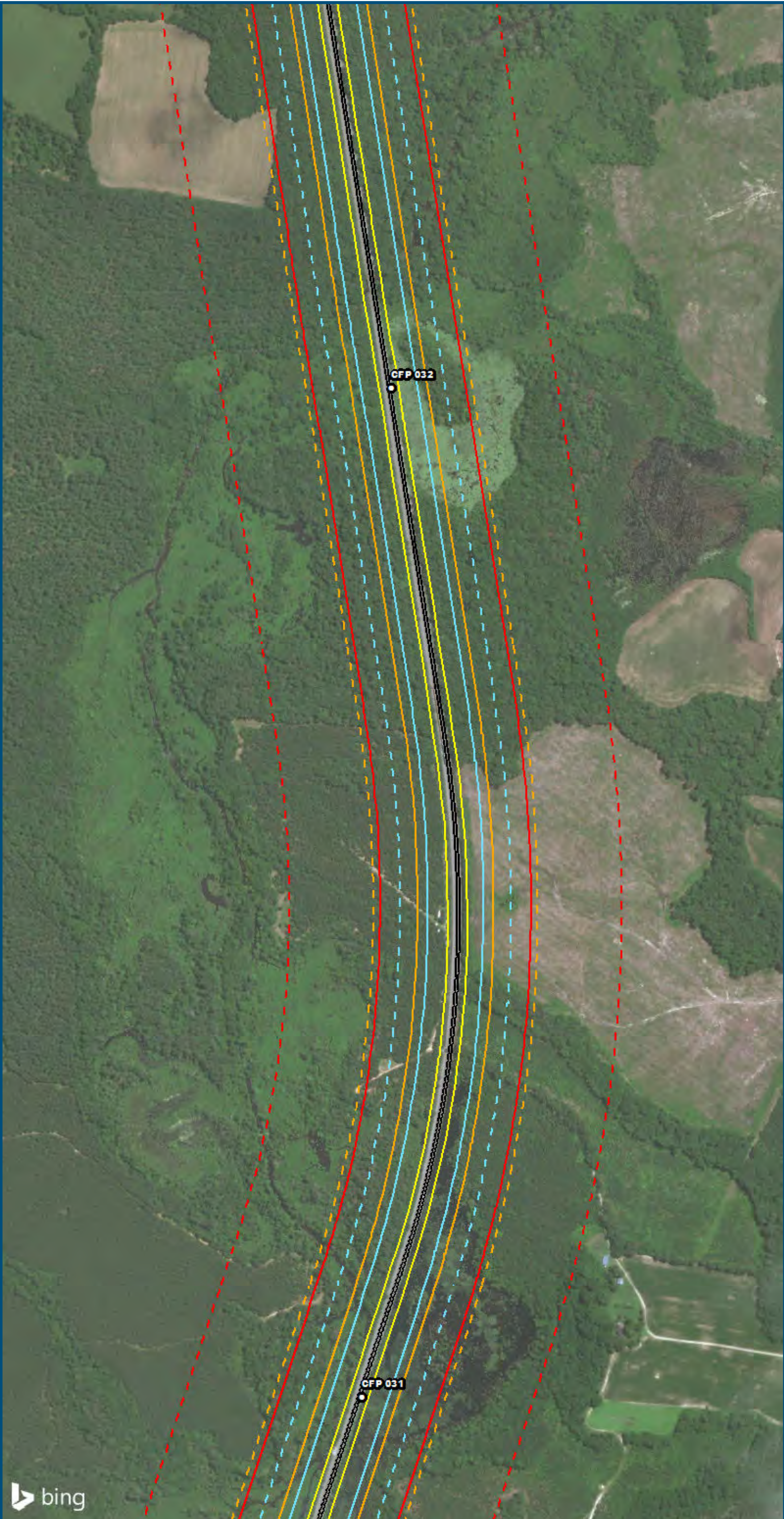
Stations

Proposed Stations

CSXT ROW (County Parcel Data)

City/County Boundary

Appendix E
Noise Analysis
Area 4:
Central Virginia



0250500

Feet

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@ 11 x 17 inches

Projection: Lambert Conformal Conic

State: Plane Virginia North FIPS 4501 Feet

North American Datum of 1983

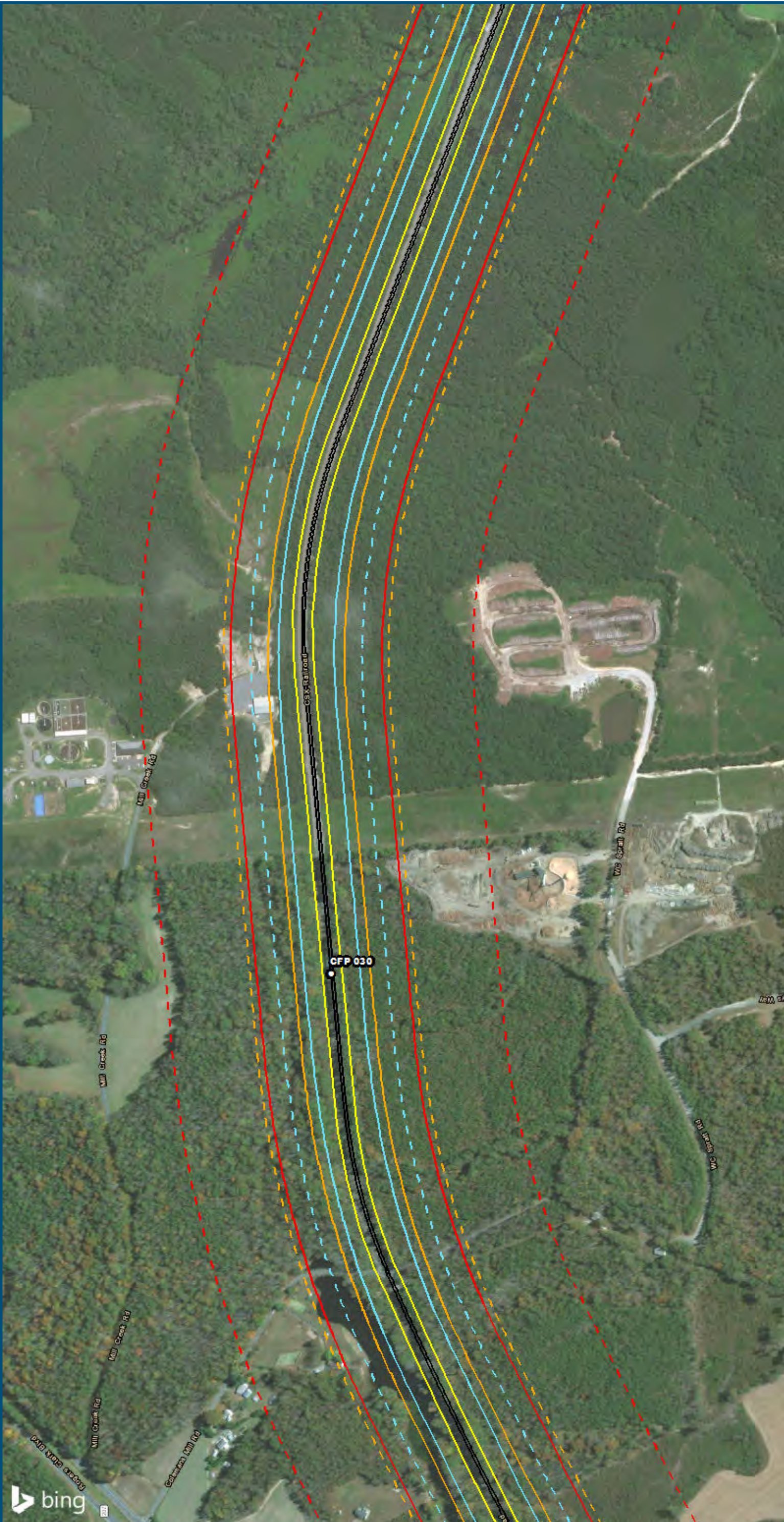
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Aerial Imagery; ESRI World Transportation

- Legend
- Category 1 Moderate Noise Impact Contour
- Category 1 Severe Noise Impact Contour
- Category 1 Moderate Noise Impacts
- Category 1 Severe Noise Impacts
- Category 2 Moderate Noise Impact Contour
- Category 2 Severe Noise Impact Contour
- Category 2 Moderate Noise Impacts
- Category 2 Severe Noise Impacts
- Category 3 Moderate Noise Impact Contour
- Category 3 Severe Noise Impact Contour
- Category 3 Moderate Noise Impacts
- Category 3 Severe Noise Impacts
- CSXT Mileposts
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Appendix E
Noise Analysis
Area 4:
Central Virginia





0250500

Feet

1 inch = 500 feet

@ 11 x 17 inches

Projection: Lambert Conformal Conic

State Plane Virginia North FIPS 4501 Feet

North American Datum of 1983

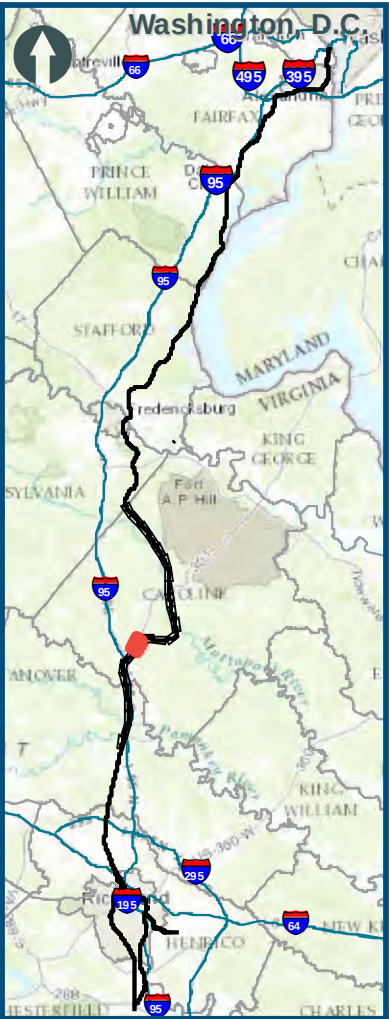
Imagery/Basemap Source: 2015 Bing

Aerial Imagery; ESRI World Transportation

- Legend
- Category 1 Moderate Noise Impact Contour
-
- Category 1 Severe Noise Impact Contour
-
- Category 1 Moderate Noise Impacts
-
- Category 1 Severe Noise Impacts
-
- Category 2 Moderate Noise Impact Contour
-
- Category 2 Severe Noise Impact Contour
-
- Category 2 Moderate Noise Impacts
-
- Category 2 Severe Noise Impacts
-
- Category 3 Moderate Noise Impact Contour
-
- Category 3 Severe Noise Impact Contour
-
- Category 3 Moderate Noise Impacts
-
- Category 3 Severe Noise Impacts
-
- CSXT Mileposts
-
- Track - Existing
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- Stations
-
- Proposed Stations
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Appendix E
Noise Analysis
Area 4:
Central Virginia

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0250500

Feet
1 inch = 500 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
- Category 1 Moderate Noise Impact Contour

Category 1 Severe Noise Impact Contour

Category 1 Moderate Noise Impacts

Category 1 Severe Noise Impacts

Category 2 Moderate Noise Impact Contour

Category 2 Severe Noise Impact Contour

Category 2 Moderate Noise Impacts

Category 2 Severe Noise Impacts

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Category 3 Severe Noise Impact Contour

Category 3 Moderate Noise Impacts

Category 3 Severe Noise Impacts

CSXT Mileposts

Track - Existing

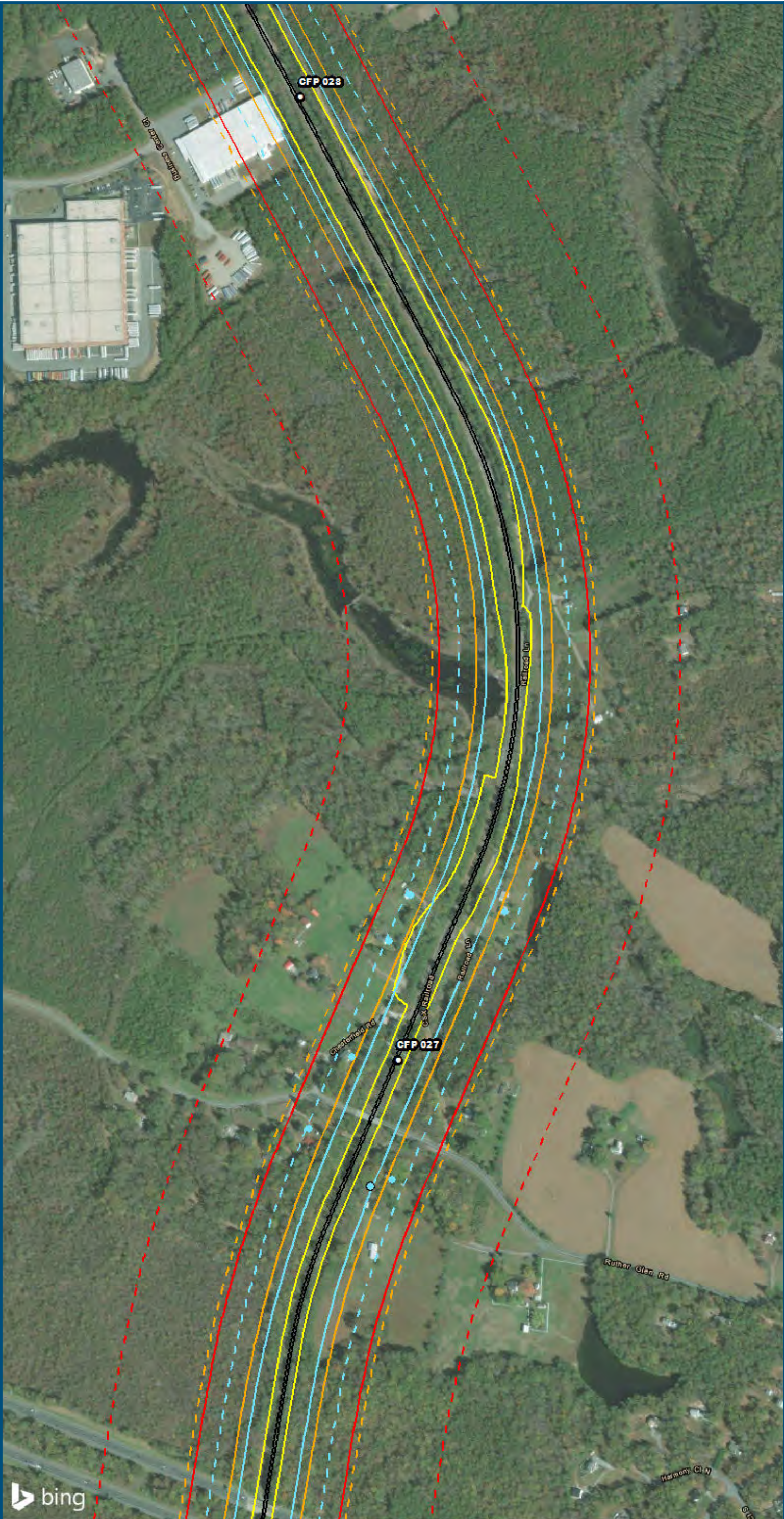
Stations

Proposed Stations

CSXT ROW (County Parcel Data)

City/County Boundary

Appendix E
Noise Analysis
Area 4:
Central Virginia



0250500

Feet
1 inch = 500 feet
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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

- Legend
- Category 1 Moderate Noise Impact Contour

Category 1 Severe Noise Impact Contour

Category 1 Moderate Noise Impacts

Category 1 Severe Noise Impacts

Category 2 Moderate Noise Impact Contour

Category 2 Severe Noise Impact Contour

Category 2 Moderate Noise Impacts

Category 2 Severe Noise Impacts

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Category 3 Severe Noise Impact Contour

Category 3 Moderate Noise Impacts

Category 3 Severe Noise Impacts

CSXT Mileposts

Track - Existing

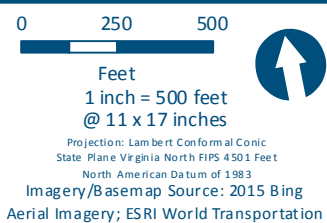
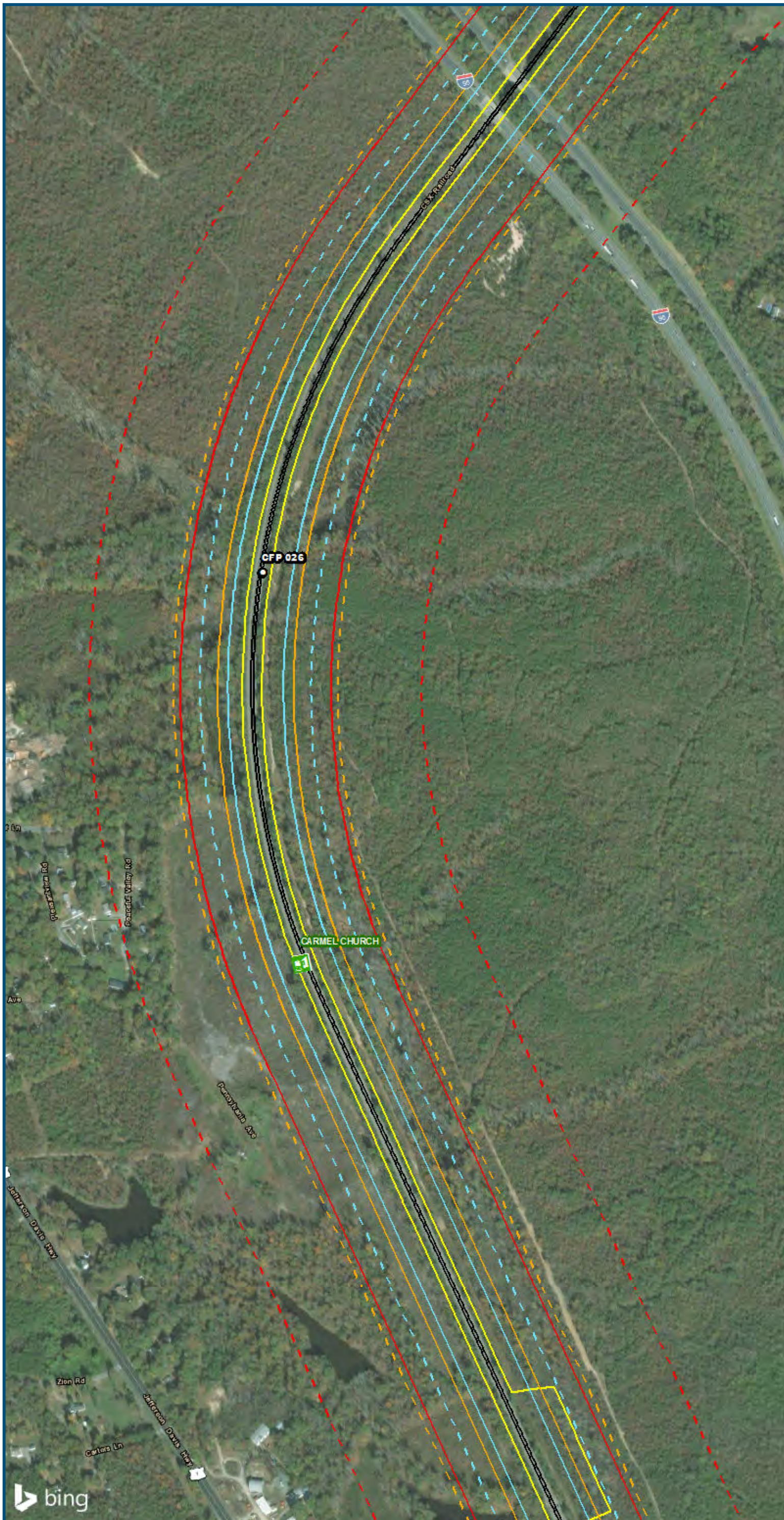
Stations

Proposed Stations

CSXT ROW (County Parcel Data)

City/County Boundary

Appendix E
Noise Analysis
Area 4:
Central Virginia

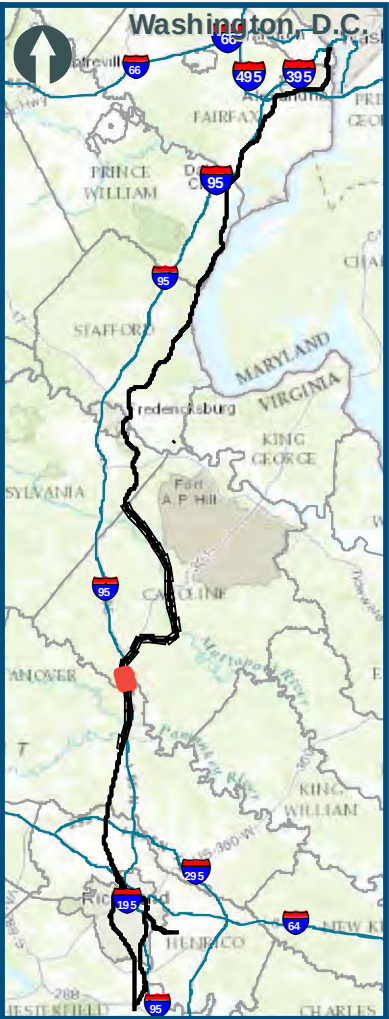
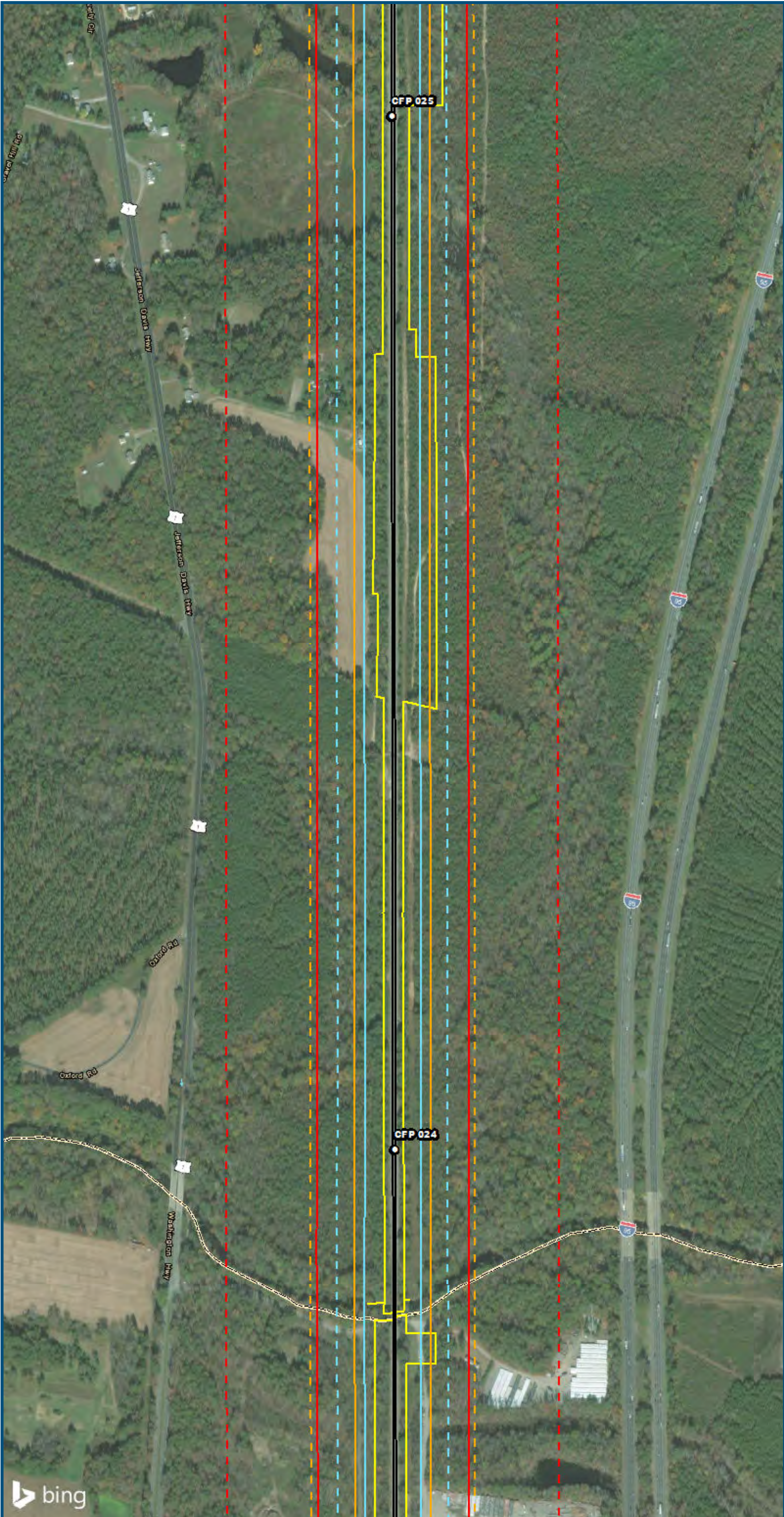


- Category 1 Moderate Noise Impact Contour
- Category 1 Severe Noise Impact Contour
- Category 1 Moderate Noise Impacts
- Category 1 Severe Noise Impacts
- Category 2 Moderate Noise Impact Contour
- Category 2 Severe Noise Impact Contour
- Category 2 Moderate Noise Impacts
- Category 2 Severe Noise Impacts
- Category 3 Moderate Noise Impact Contour
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- Category 3 Moderate Noise Impacts
- Category 3 Severe Noise Impacts
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Appendix E

Noise Analysis

Area 4: Central Virginia



0250500

Feet
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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

- Legend
- Category 1 Moderate Noise Impact Contour

Category 1 Severe Noise Impact Contour

Category 1 Moderate Noise Impacts

Category 1 Severe Noise Impacts

Category 2 Moderate Noise Impact Contour

Category 2 Severe Noise Impact Contour

Category 2 Moderate Noise Impacts

Category 2 Severe Noise Impacts

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Category 3 Severe Noise Impact Contour

Category 3 Moderate Noise Impacts

Category 3 Severe Noise Impacts

CSXT Mileposts

Track - Existing

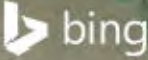
Stations

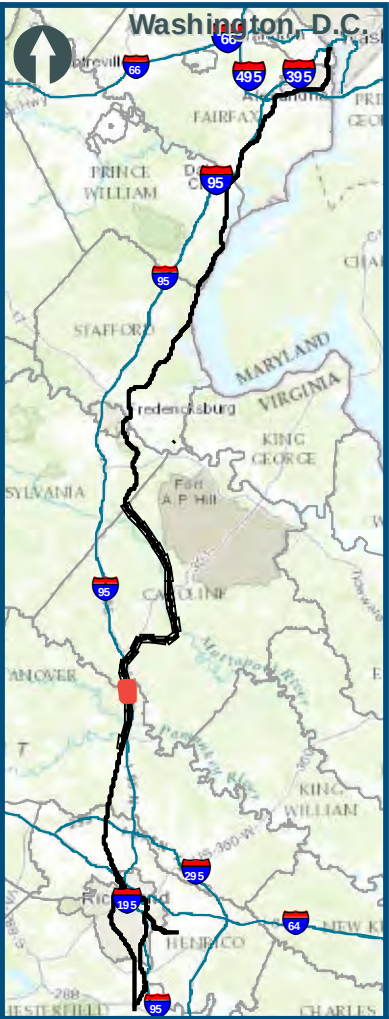
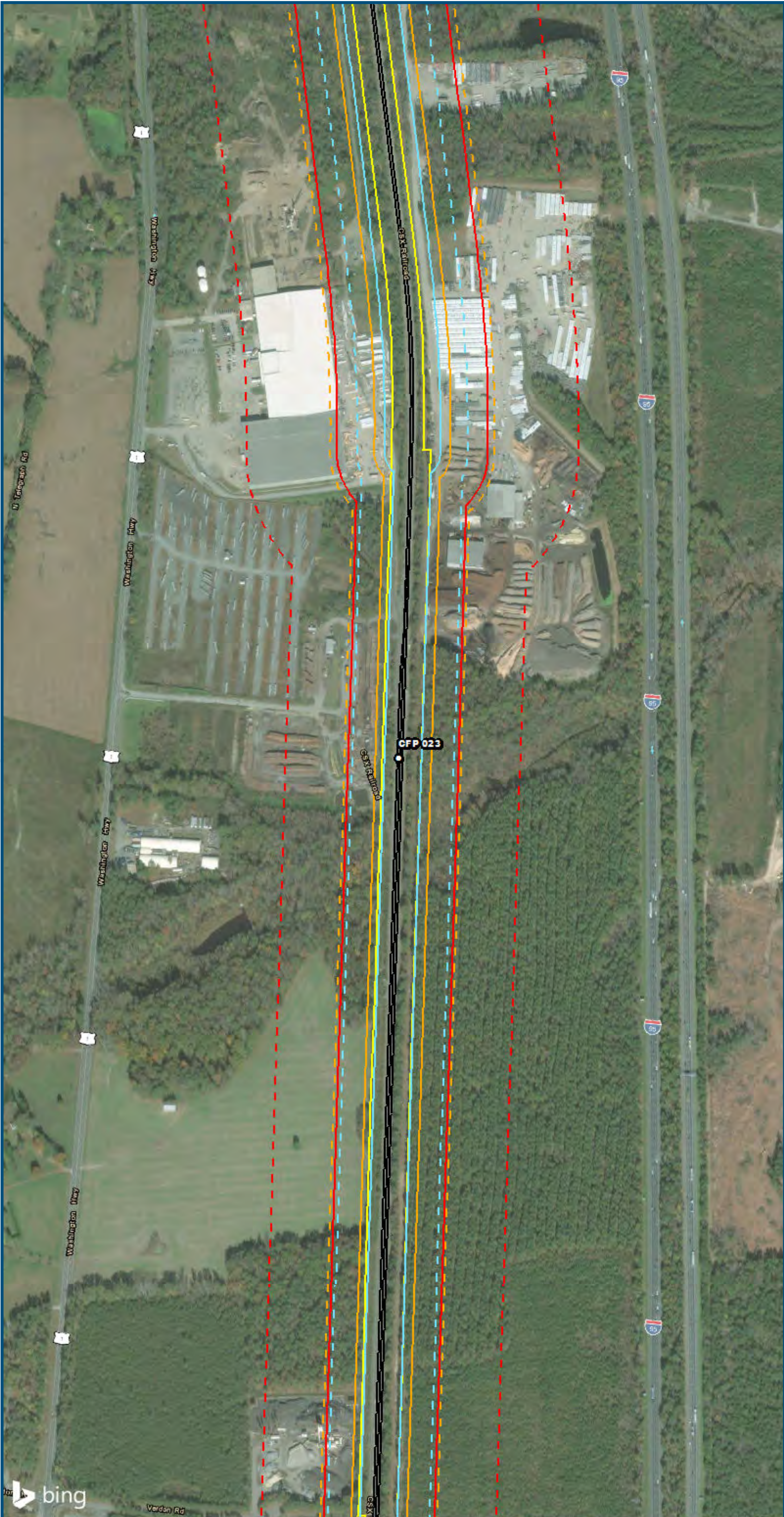
Proposed Stations

CSXT ROW (County Parcel Data)

City/County Boundary

Appendix E
Noise Analysis
Area 4:
Central Virginia





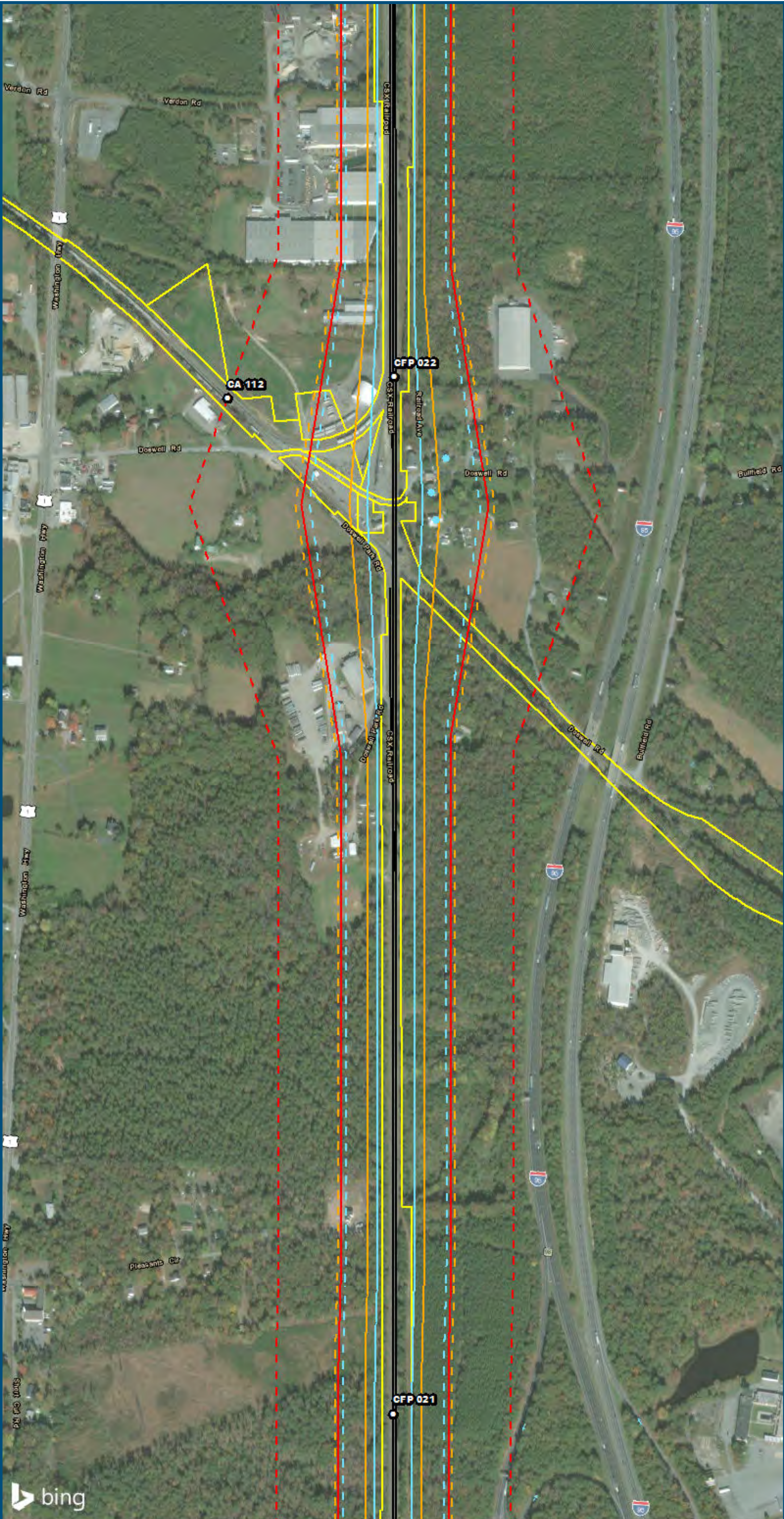
0250500

Feet
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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

- Legend
- Category 1 Moderate Noise Impact Contour
-
- Category 1 Severe Noise Impact Contour
-
- Category 1 Moderate Noise Impacts
-
- Category 1 Severe Noise Impacts
-
- Category 2 Moderate Noise Impact Contour
-
- Category 2 Severe Noise Impact Contour
-
- Category 2 Moderate Noise Impacts
-
- Category 2 Severe Noise Impacts
-
- Category 3 Moderate Noise Impact Contour
-
- Category 3 Severe Noise Impact Contour
-
- Category 3 Moderate Noise Impacts
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- Category 3 Severe Noise Impacts
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Appendix E
Noise Analysis
Area 4:
Central Virginia



0 250 500
Feet
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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

- Legend**
- Category 1 Moderate Noise Impact Contour
 - Category 1 Severe Noise Impact Contour
 - Category 1 Moderate Noise Impacts
 - Category 1 Severe Noise Impacts
 - Category 2 Moderate Noise Impact Contour
 - Category 2 Severe Noise Impact Contour
 - Category 2 Moderate Noise Impacts
 - Category 2 Severe Noise Impacts
 - Category 3 Moderate Noise Impact Contour
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Noise Analysis
Area 4:
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0250500

Feet

1 inch = 500 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
- Category 1 Moderate Noise Impact Contour
- Category 1 Severe Noise Impact Contour
- Category 1 Moderate Noise Impacts
- Category 1 Severe Noise Impacts
- Category 2 Moderate Noise Impact Contour
- Category 2 Severe Noise Impact Contour
- Category 2 Moderate Noise Impacts
- Category 2 Severe Noise Impacts
- Category 3 Moderate Noise Impact Contour
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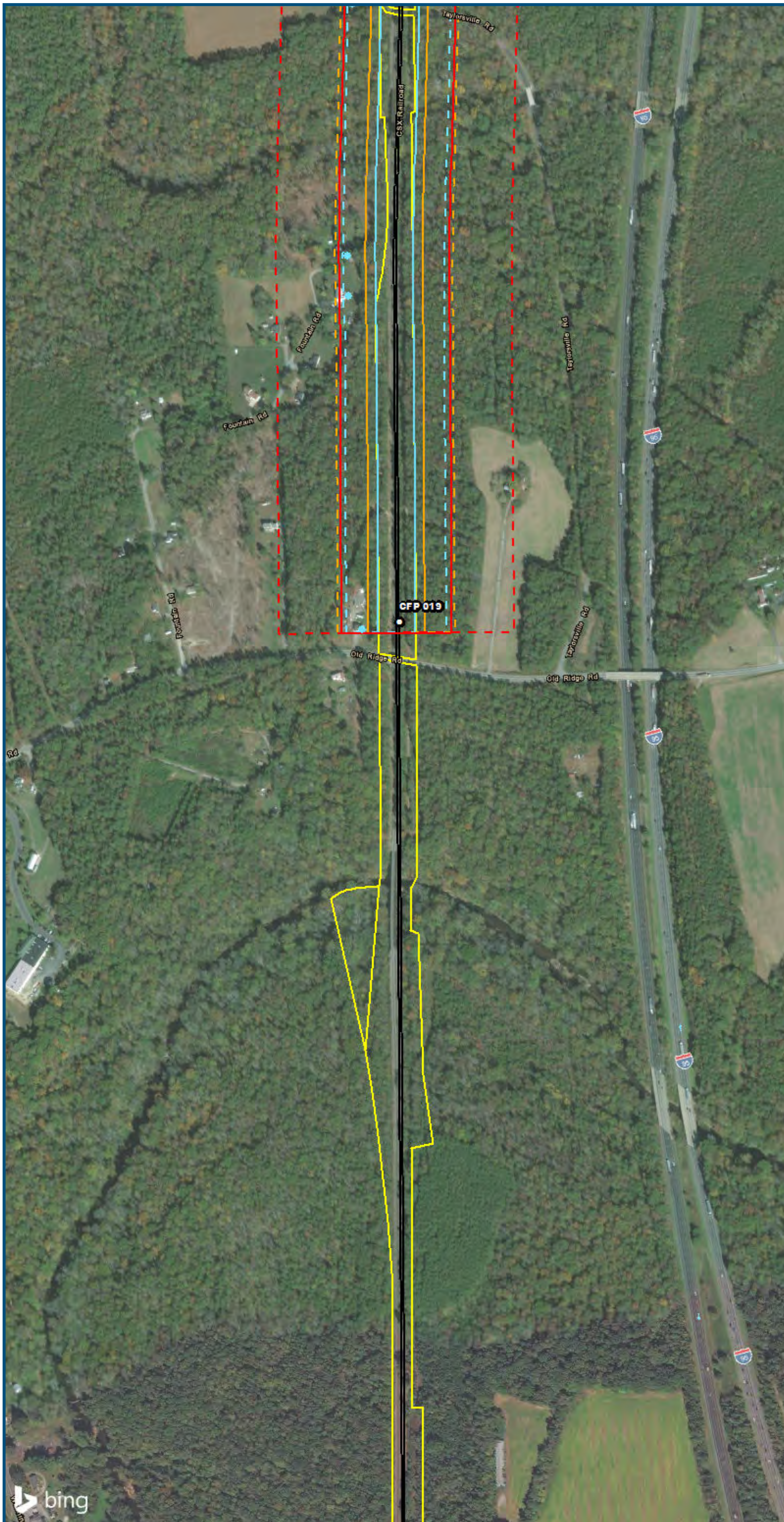
Appendix E

Noise Analysis

Area 4:

Central Virginia





Feet
1 inch = 500 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

-  Category 1 Moderate Noise Impact Contour
-  Category 1 Severe Noise Impact Contour
-  Category 1 Moderate Noise Impacts
-  Category 1 Severe Noise Impacts
-  Category 2 Moderate Noise Impact Contour
-  Category 2 Severe Noise Impact Contour
-  Category 2 Moderate Noise Impacts
-  Category 2 Severe Noise Impacts
-  Category 3 Moderate Noise Impact Contour
-  Category 3 Severe Noise Impact Contour
-  Category 3 Moderate Noise Impacts
-  Category 3 Severe Noise Impacts
-  CSXT Mileposts
-  Track - Existing
-  Stations
-  Proposed Stations
-  CSXT ROW (County Parcel Data)
-  City/County Boundary

Appendix E

Noise Analysis

Area 4: Central Virginia

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