

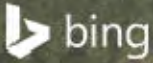


0 250 500
Feet
1 inch = 500 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery/Basemap Source: 2015 Bing
Aerial Imagery; ESRI World Transportation

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

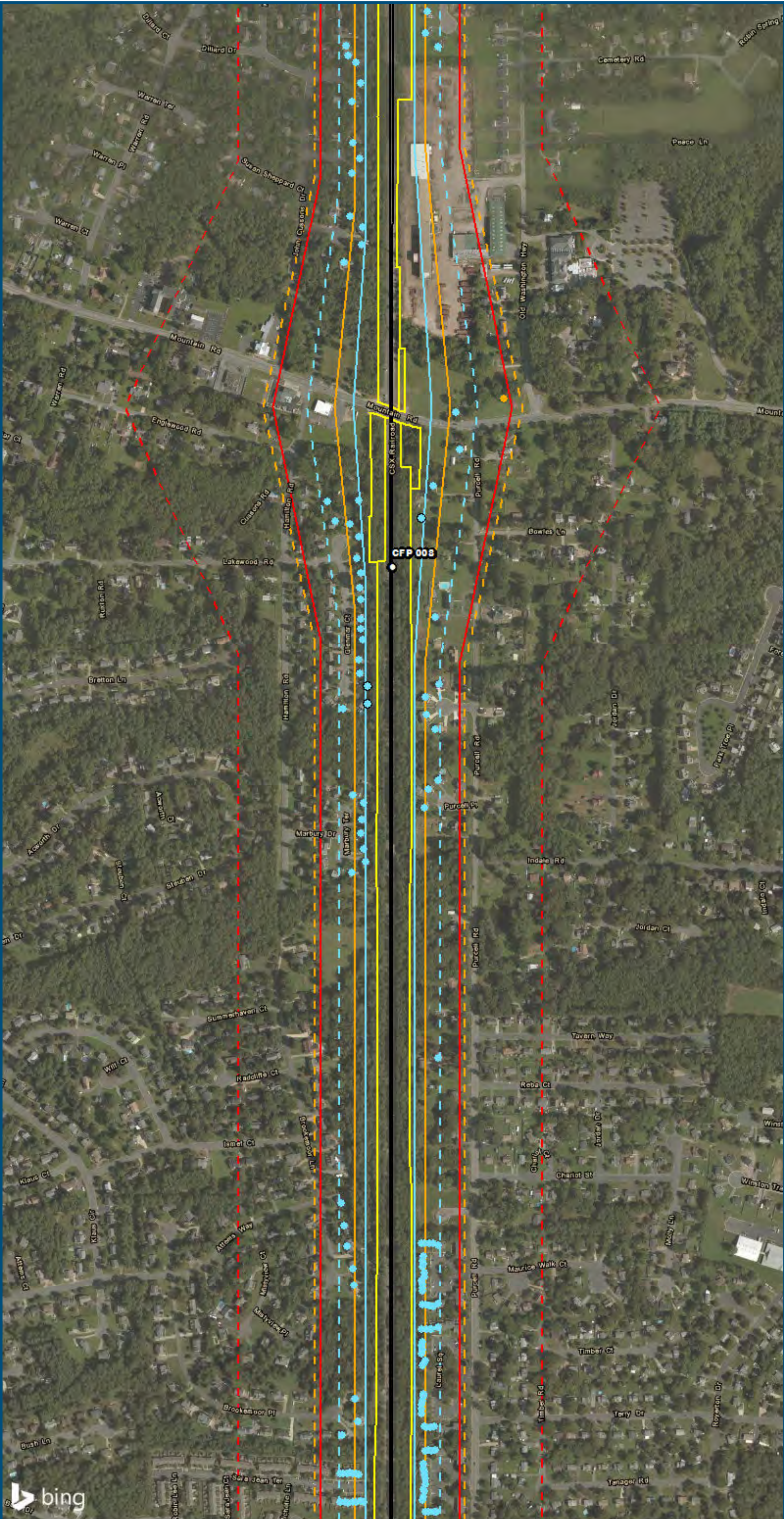
Appendix O
Noise Analysis
Area 6G:
Main Street and
Staples Mill Road
Shared Service



U.S. Department of Transportation
Federal Railroad Administration

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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

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- Category 1 Moderate Noise Impact Contour
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Noise Analysis
Area 6G:
Main Street and
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Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983

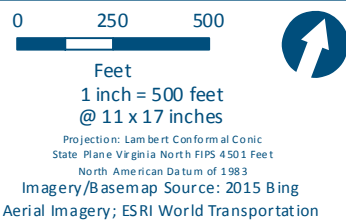
Imagery/Basemap Source: 2015 Bing
Aerial Imagery; ESRI World Transportation

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
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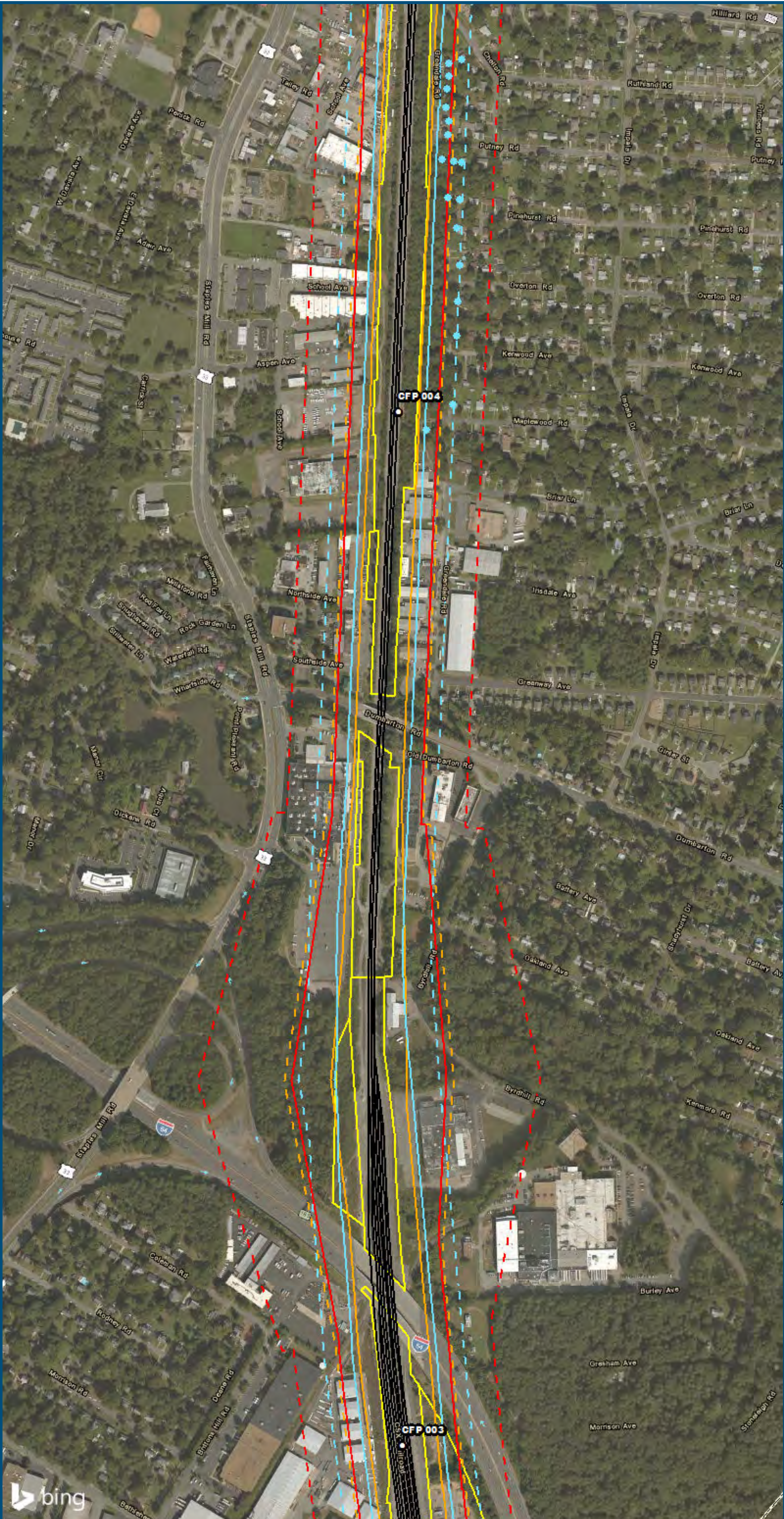
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Noise Analysis
Area 6G:
Main Street and
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- Category 1 Moderate Noise Impact Contour
- Category 1 Severe Noise Impact Contour
- Category 1 Moderate Noise Impacts
- Category 1 Severe Noise Impacts
- 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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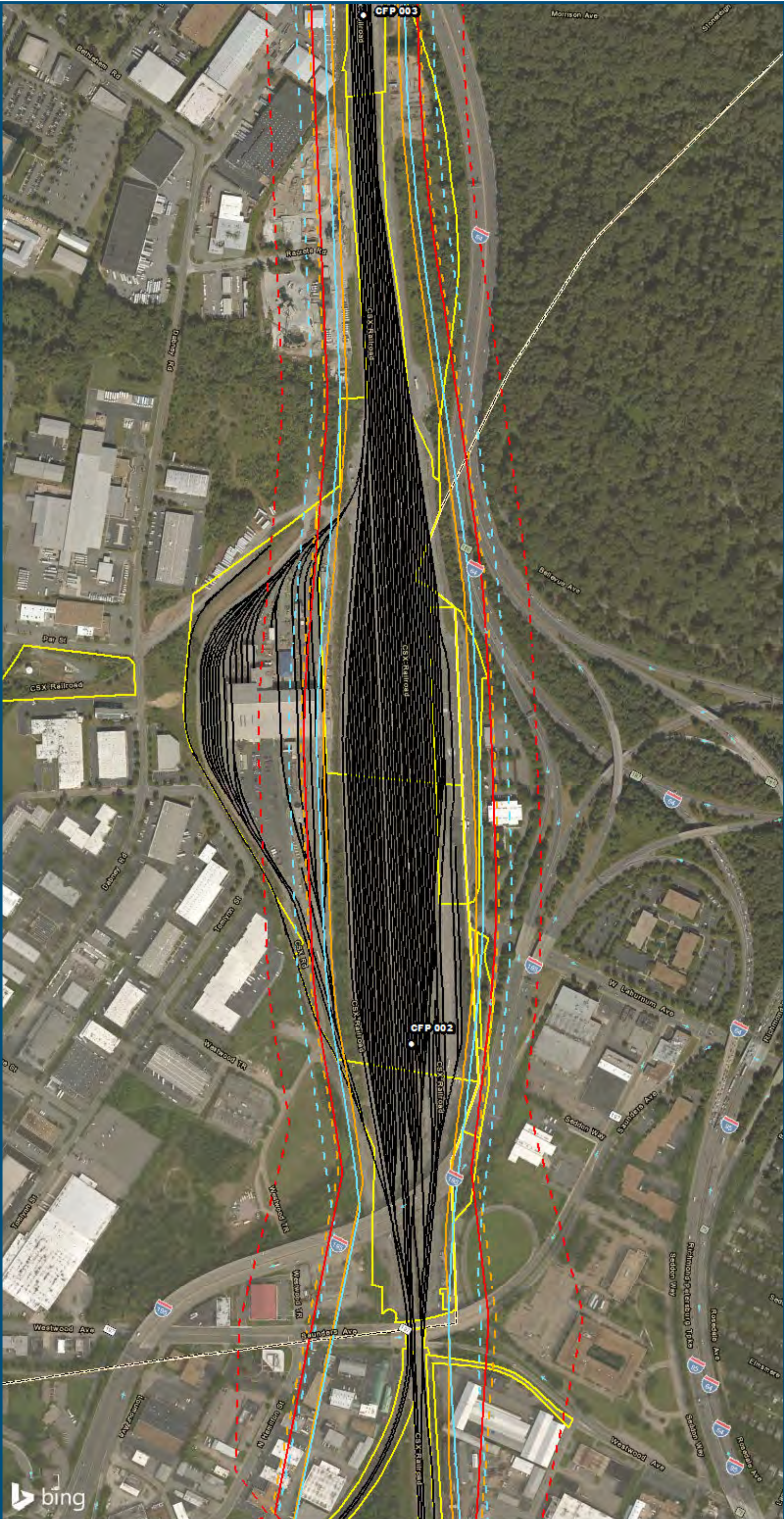
Sheet 4 of 28



0 250 500
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
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- Legend**
- Category 1 Moderate Noise Impact Contour
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 - Category 2 Moderate Noise Impact Contour
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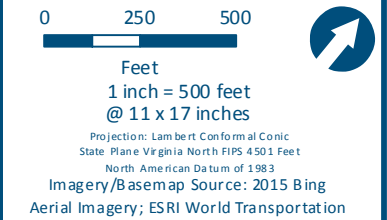
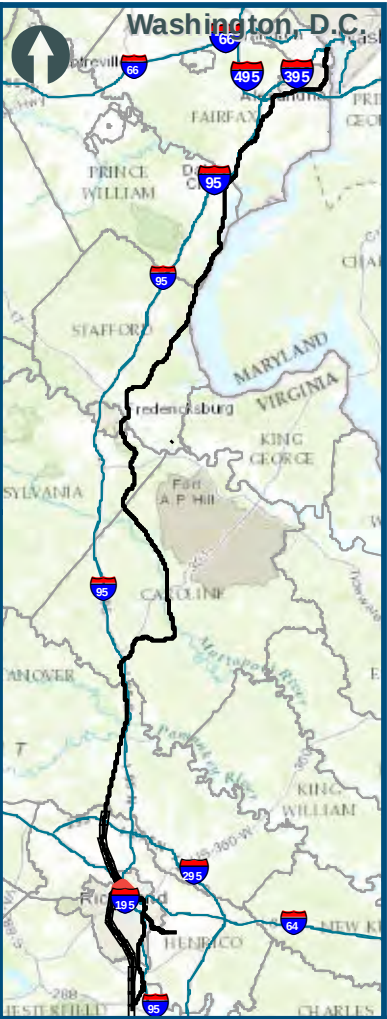
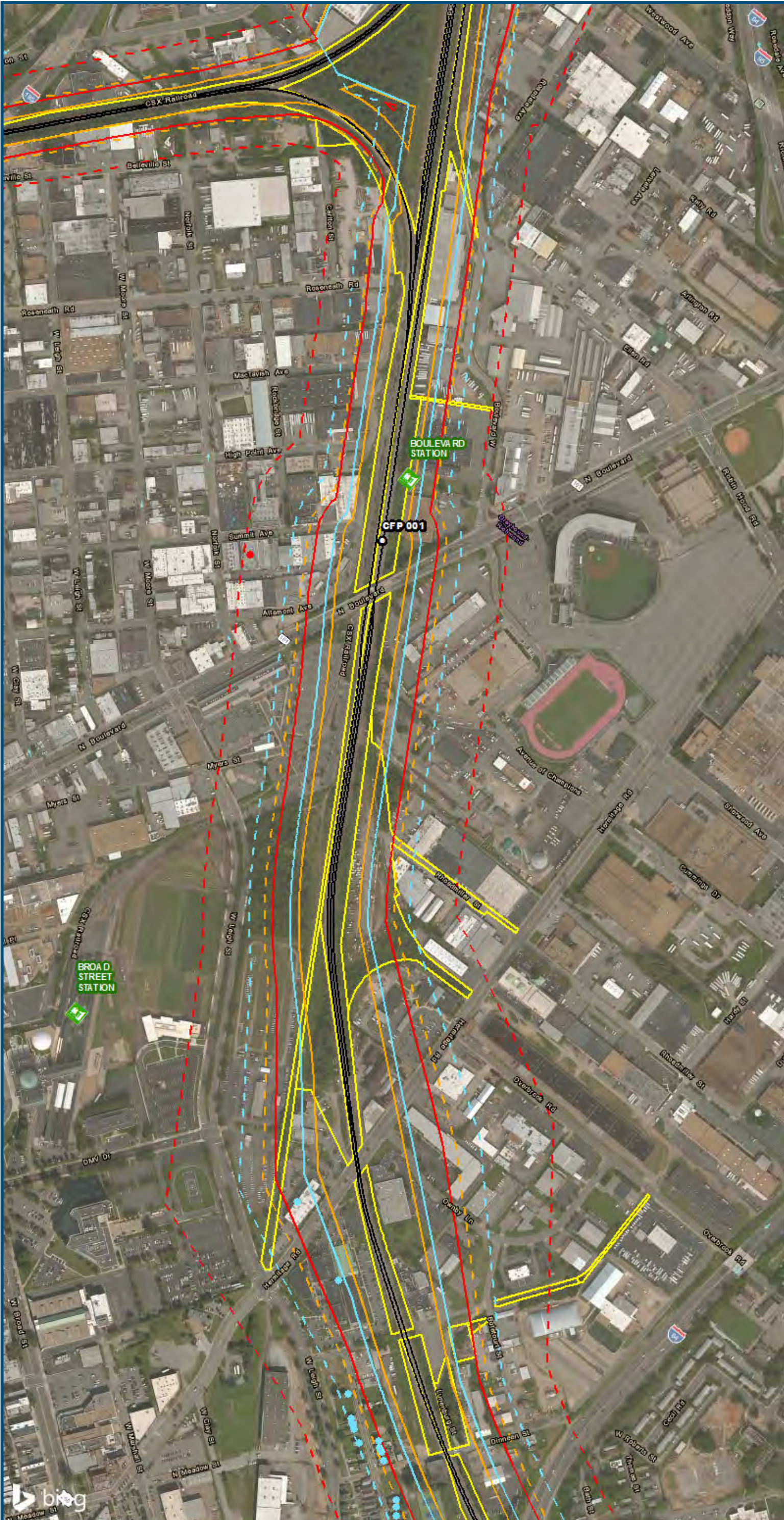
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Noise Analysis
Area 6G:
Main Street and
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Projection: Lambert Conformal Conic
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North American Datum of 1983
Imagery/Basemap Source: 2015 Bing
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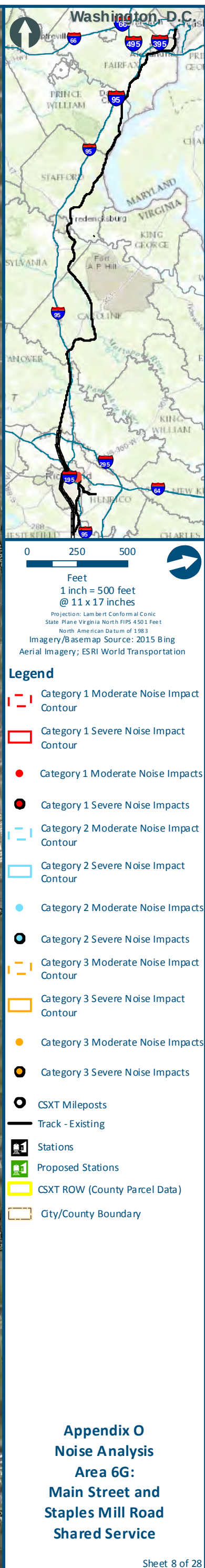
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 - Category 1 Severe Noise Impact Contour
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 - Category 2 Severe Noise Impact Contour
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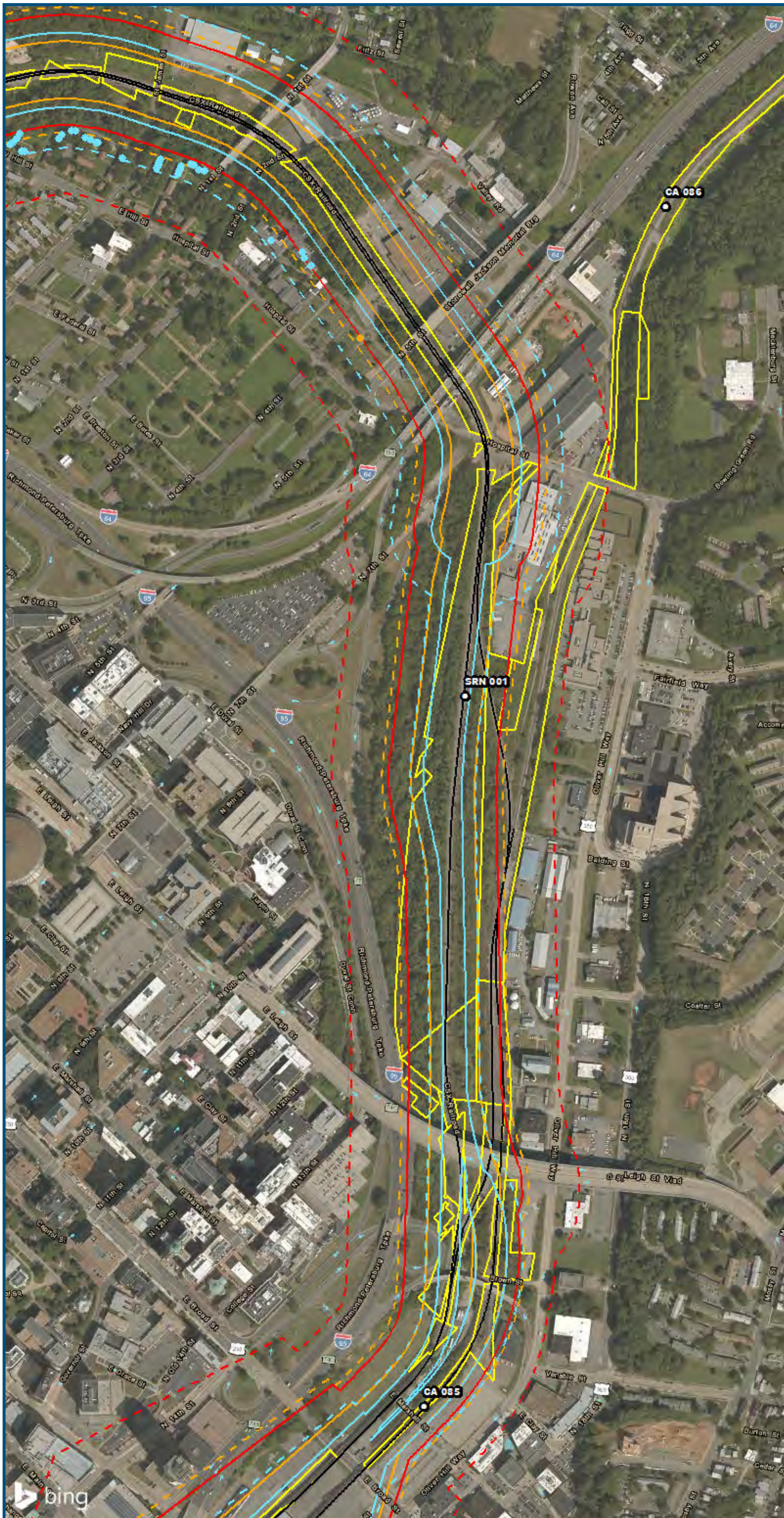
Appendix O
Noise Analysis
Area 6G:
Main Street and
Staples Mill Road
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- Legend**
- Category 1 Moderate Noise Impact Contour
 - Category 1 Severe Noise Impact Contour
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Noise Analysis
Area 6G:
Main Street and
Staples Mill Road
Shared Service





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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

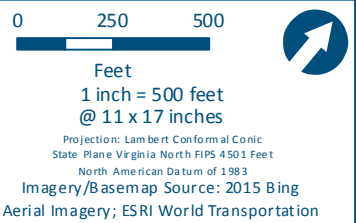
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Noise Analysis

Area 6G: Main Street and Staples Mill Road Shared Service

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- 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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Appendix O Noise Analysis Area 6G: Main Street and Staples Mill Road Shared Service

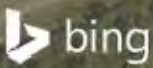
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0 250 500
Feet
1 inch = 500 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery/Basemap Source: 2015 Bing
Aerial Imagery; ESRI World Transportation

- Legend**
- Category 1 Moderate Noise Impact Contour
 - Category 1 Severe Noise Impact Contour
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 - Category 2 Moderate Noise Impact Contour
 - Category 2 Severe Noise Impact Contour
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Noise Analysis
Area 6G:
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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

 City/County Boundary

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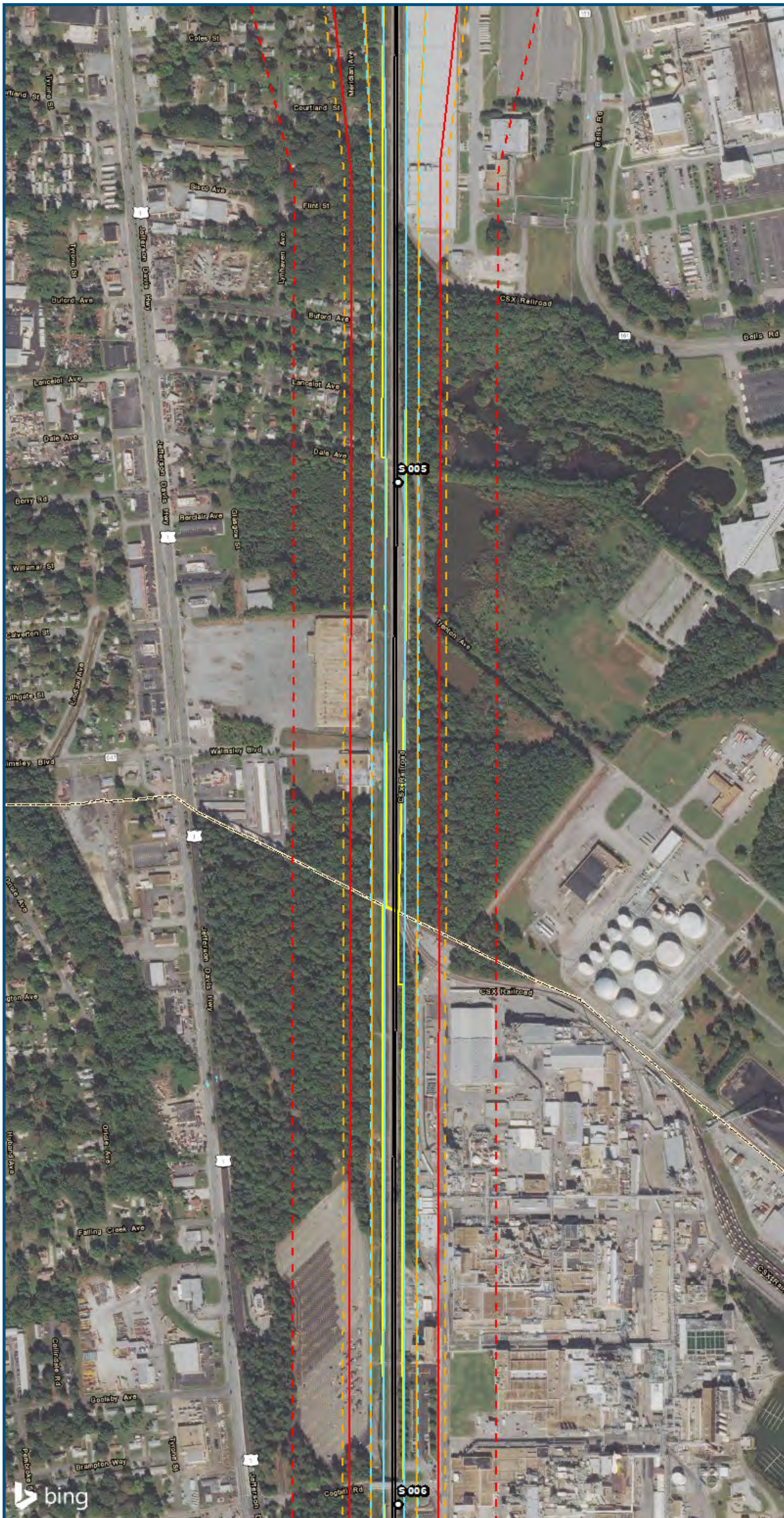


0 250 500
Feet
1 inch = 500 feet
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Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery/Basemap Source: 2015 Bing
Aerial Imagery; ESRI World Transportation

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
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Appendix O
Noise Analysis
Area 6G:
Main Street and
Staples Mill Road
Shared Service



Feet
1 inch = 500 feet
@ 11 x 17 inches

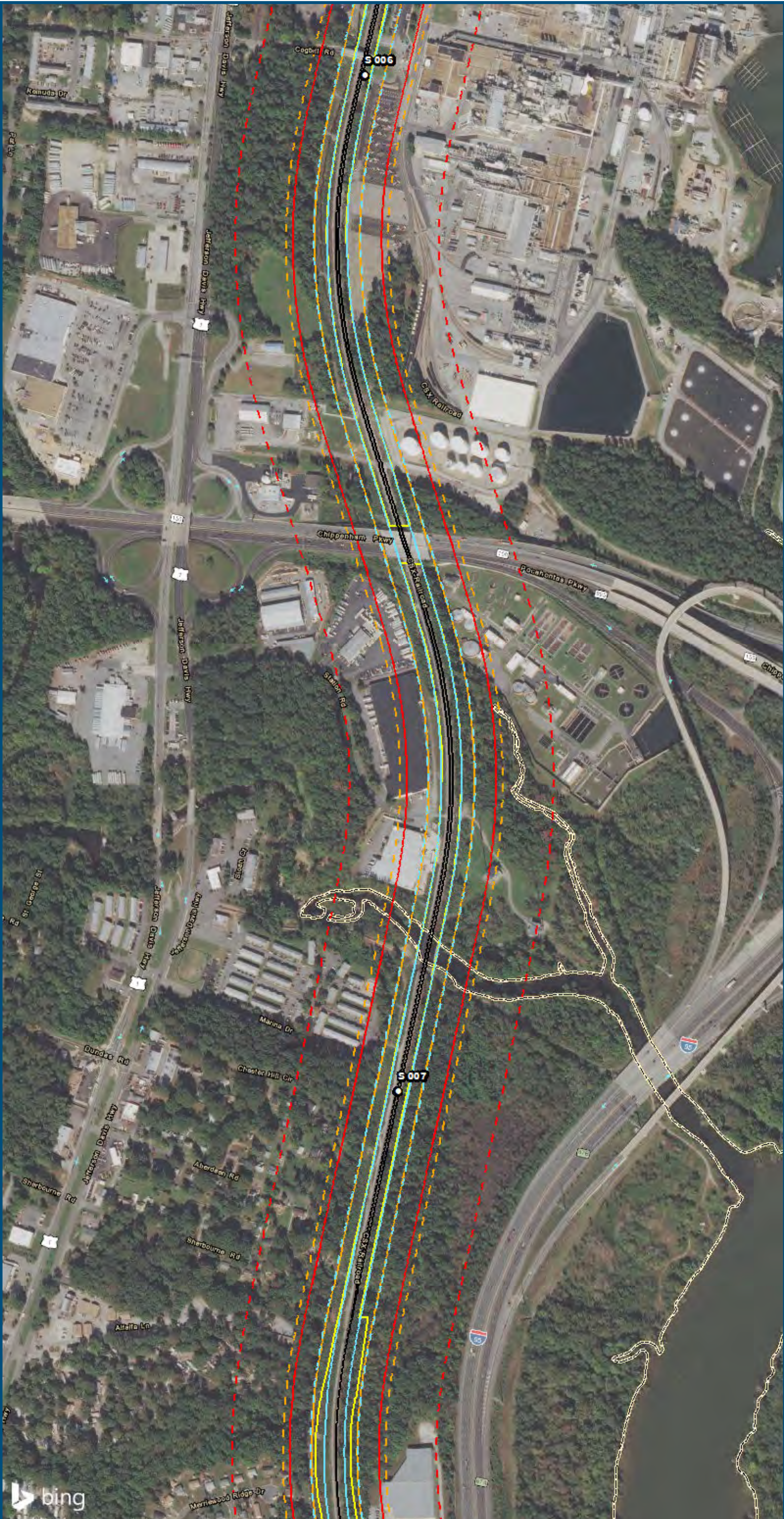
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State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery/Basemap Source: 2015 Bing
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Legend

-  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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Appendix O
Noise Analysis
Area 6G:
Main Street and
Staples Mill Road
Shared Service

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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
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Appendix O
Noise Analysis
Area 6G:
Main Street and
Staples Mill Road
Shared Service

\\dcslmain\gis_data\GIS\Projects\0115_45_VA\Depot\Railis-Public\T ransportation\0239056_RAPS-4\AltDev-Concept\Eng\map_docs\mxd\01EJSTech Reports\Noise and Vibration\Map_Versions\NoiseVib_Area6G_Mapbook_11x17_WEB.mxd | Last Updated: 08.15.2017



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

 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 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

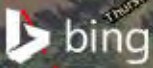
— Track - Existing

Stations Proposed Stations

 CSXT ROW (County Parcel Data)

 City/County Boundary

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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

 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

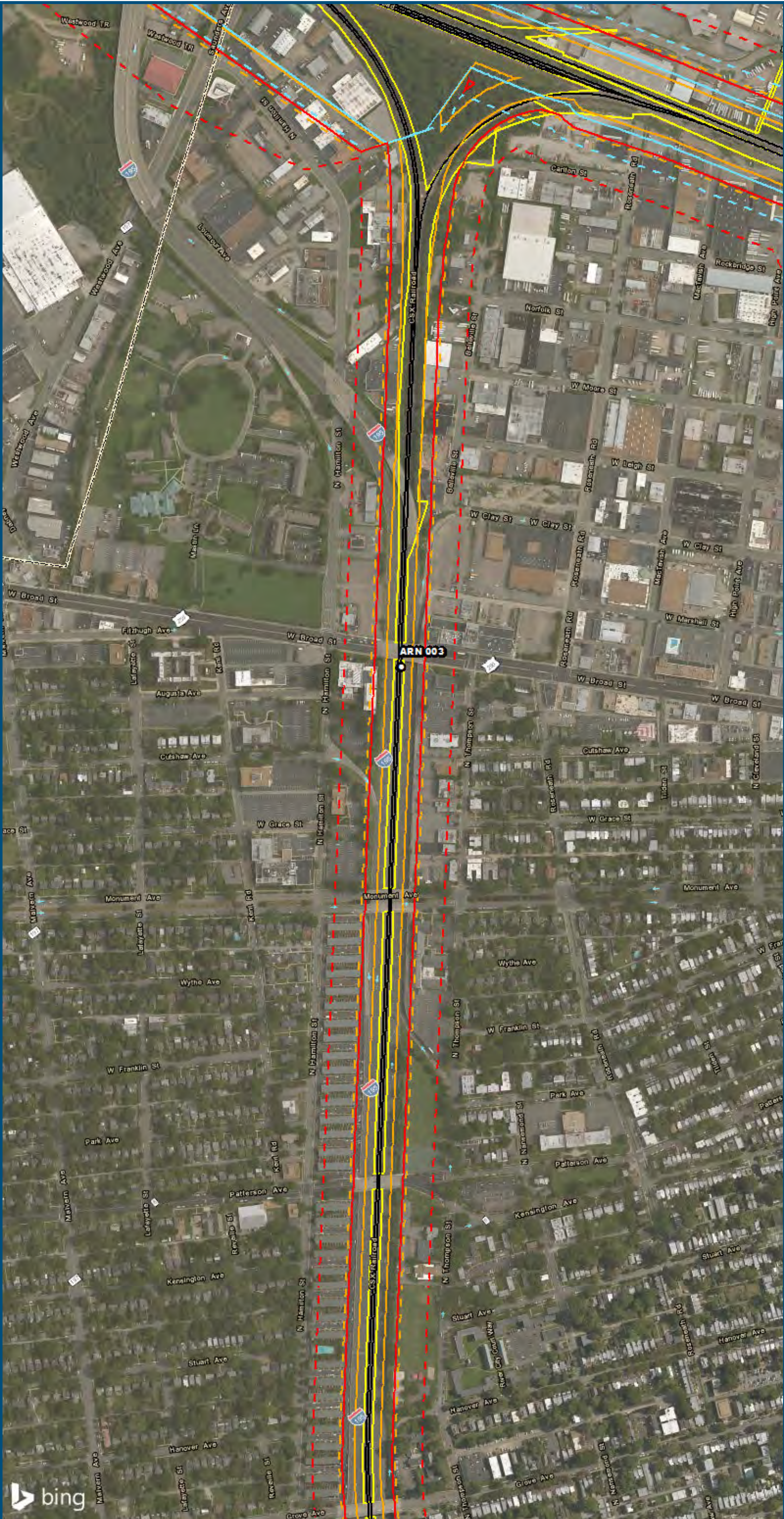
— Track - Existing

 Stations Proposed Stations

 CSXT ROW (County Parcel Data)

 City/County Boundary

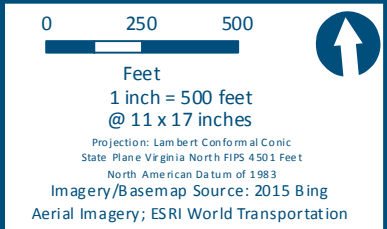
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0 250 500
Feet
1 inch = 500 feet
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Projection: Lambert Conformal Conic
State: Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery/Basemap Source: 2015 Bing
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Noise Analysis
Area 6G:
Main Street and
Staples Mill Road
Shared Service



- Legend**
- Category 1 Moderate Noise Impact Contour
 - Category 1 Severe Noise Impact Contour
 - Category 1 Moderate Noise Impacts
 - Category 1 Severe Noise Impacts
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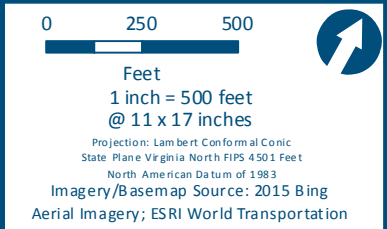
Appendix O
Noise Analysis
Area 6G:
Main Street and
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State Plane Virginia North FIPS 4501 Feet
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Imagery/Basemap Source: 2015 Bing
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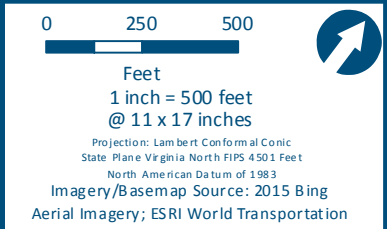
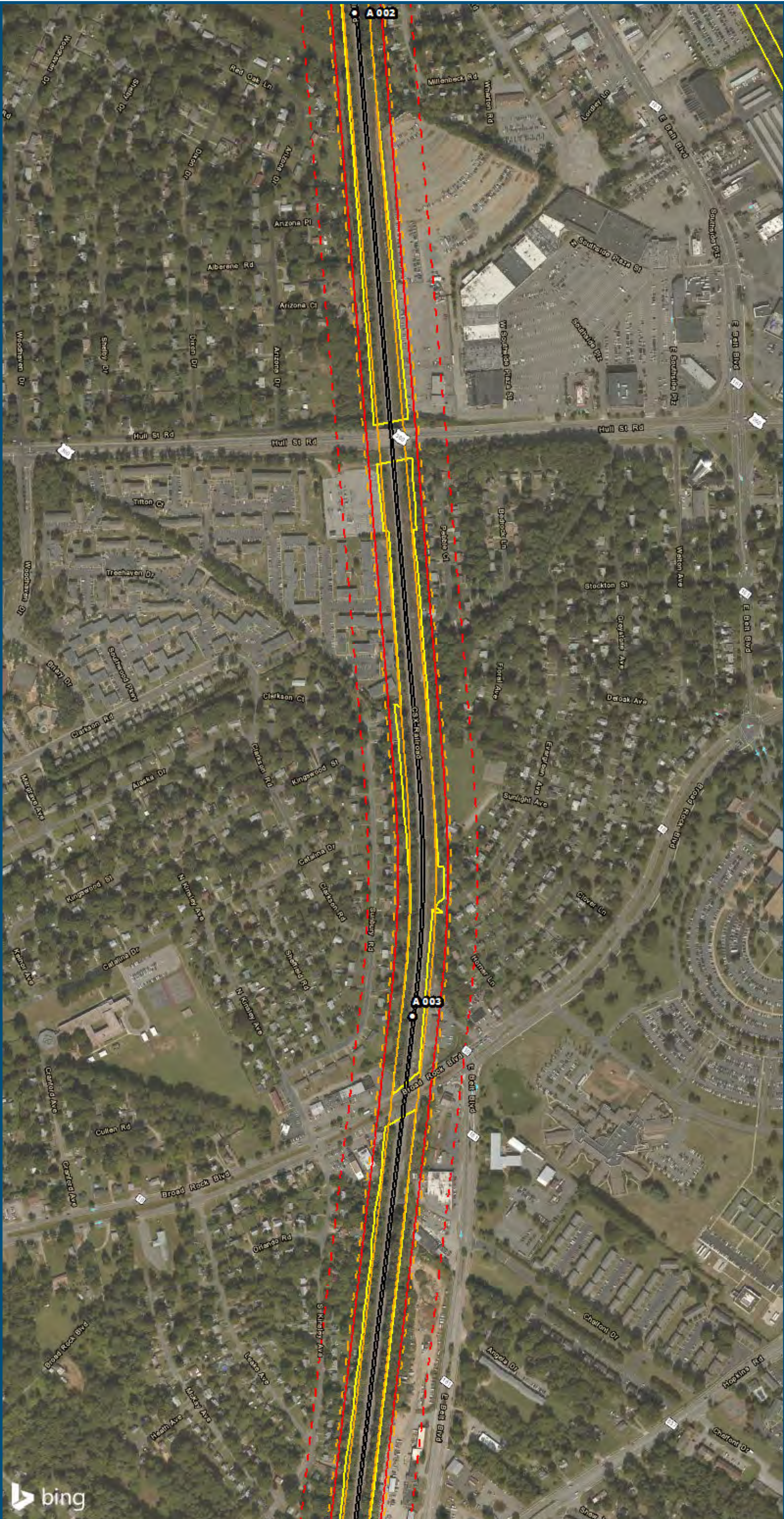
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 - Category 1 Moderate Noise Impacts
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Noise Analysis
Area 6G:
Main Street and
Staples Mill Road
Shared Service



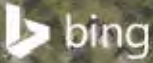
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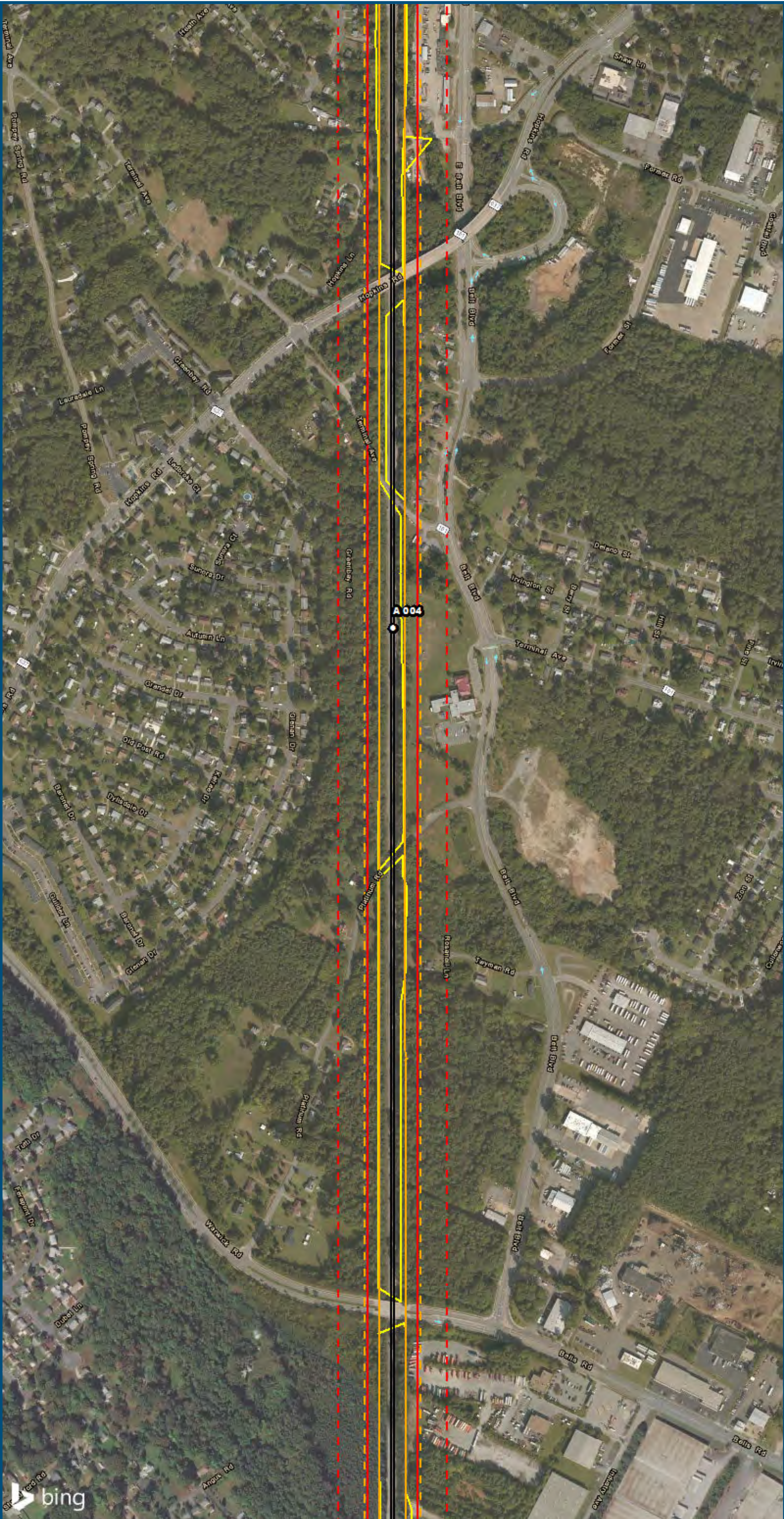
Appendix O
Noise Analysis
Area 6G:
Main Street and
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- Legend**
- Category 1 Moderate Noise Impact Contour
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Area 6G:
Main Street and
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0250500

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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
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- Category 1 Severe Noise Impacts
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- Category 2 Severe Noise Impact Contour
- Category 2 Moderate Noise Impacts
- Category 2 Severe Noise Impacts
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Appendix O

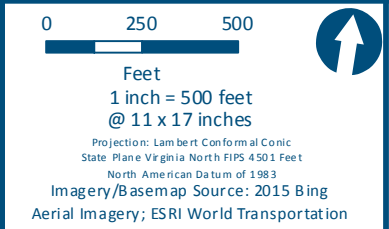
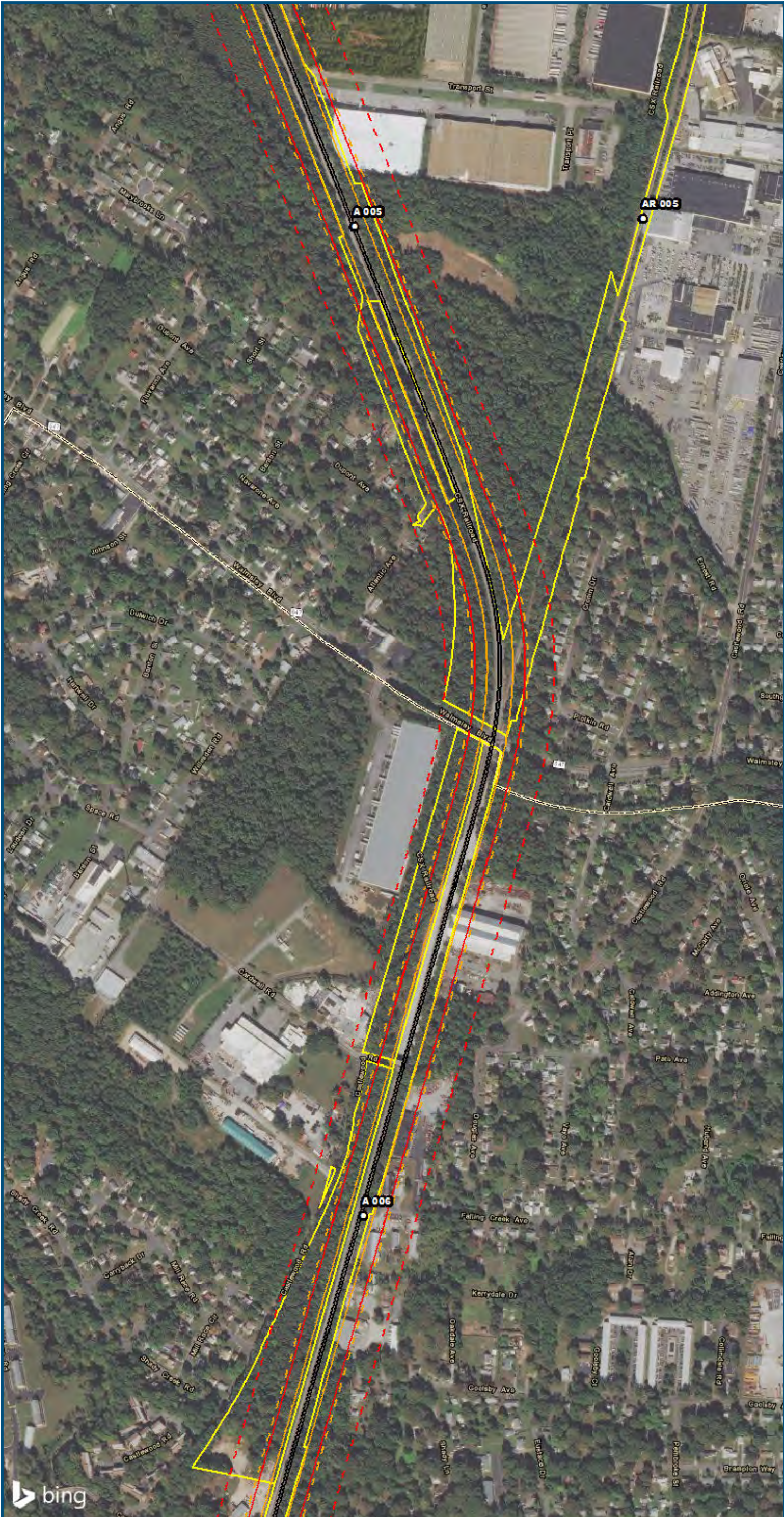
Noise Analysis

Area 6G:

Main Street and

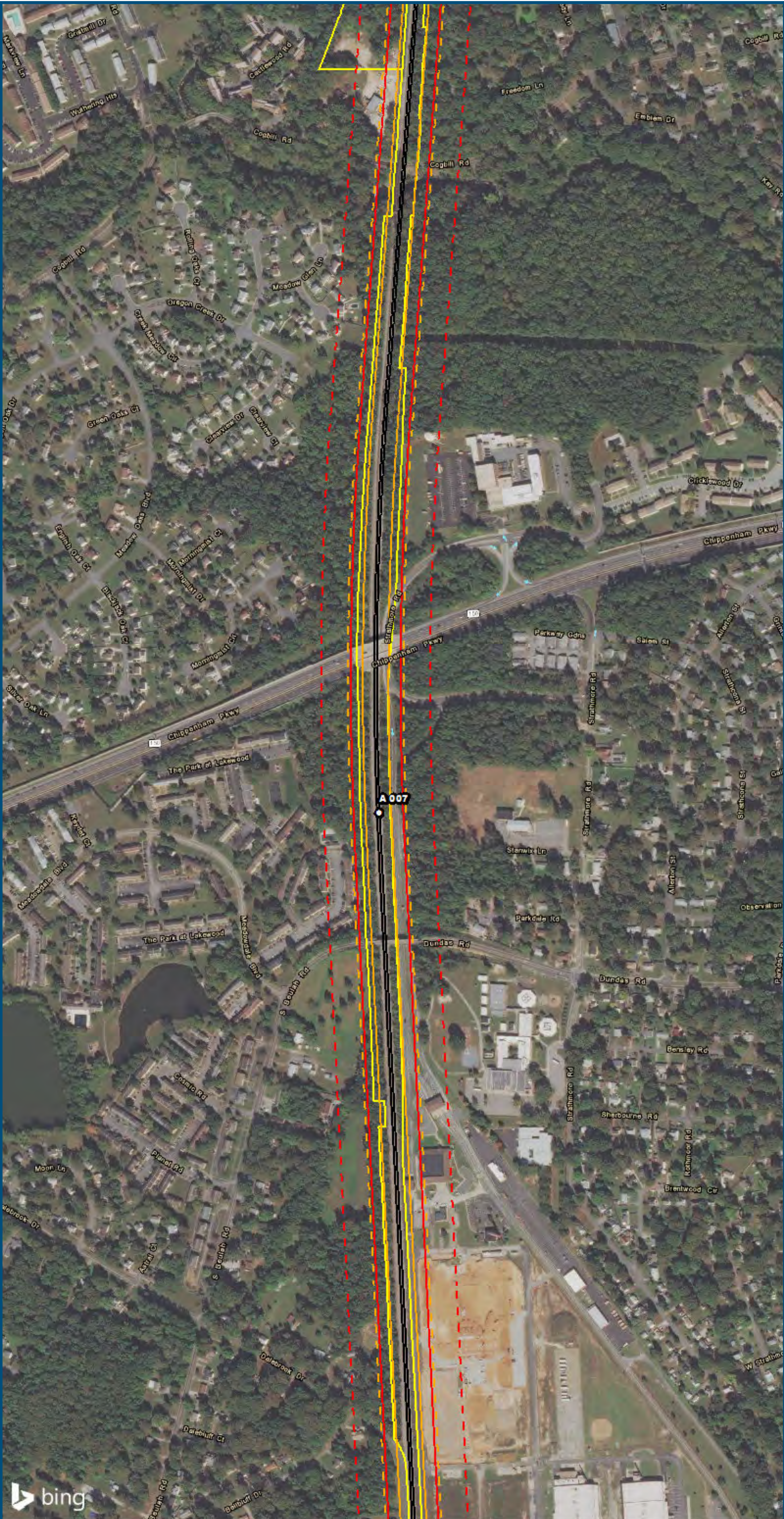
Staples Mill Road

Shared Service



- 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
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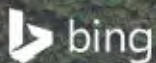
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Main Street and
Staples Mill Road
Shared Service



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 O
Noise Analysis
Area 6G:
Main Street and
Staples Mill Road
Shared Service



Feet
1 inch = 500 feet
@ 11 x 17 inches

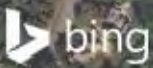
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983

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 O
Noise Analysis
Area 6G:
Main Street and
Staples Mill Road
Shared Service

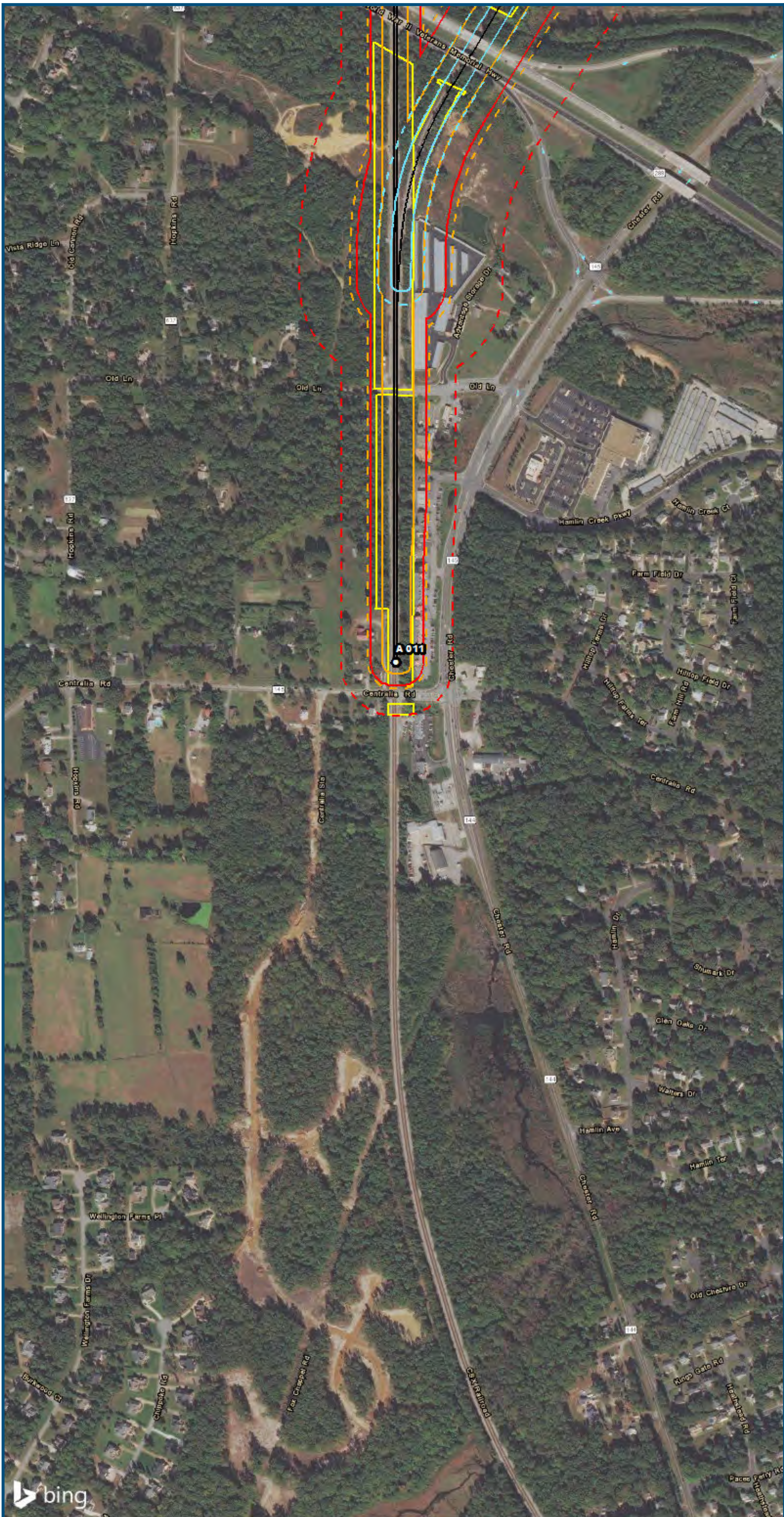


Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983

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

- 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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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
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-  Proposed Stations
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Appendix O
Noise Analysis
Area 6G:
Main Street and
Staples Mill Road
Shared Service

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