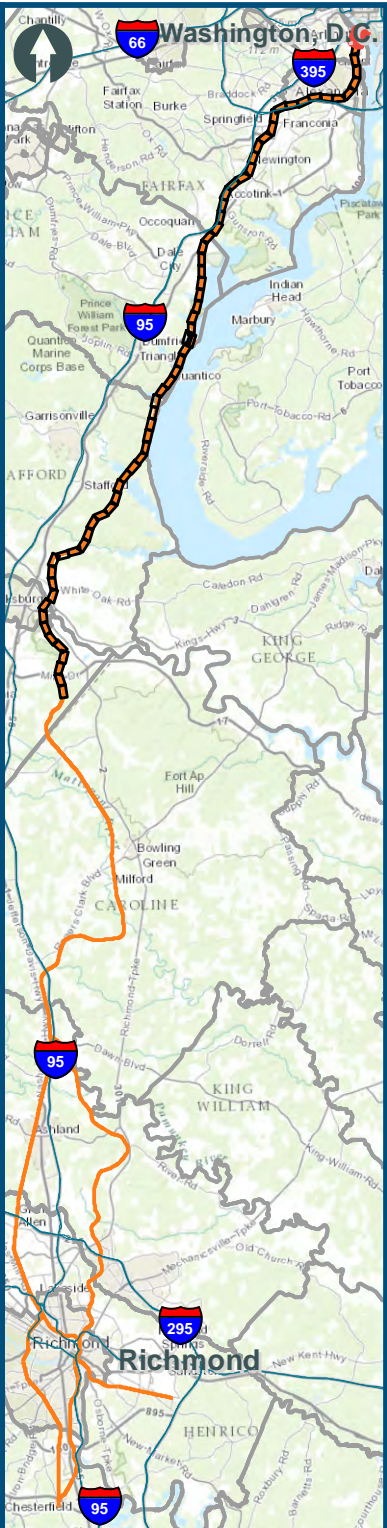


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0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

Legend

- CSXT Mileposts
- New Track
- Shifted Track
- Existing Track
- CSXT Right-of-Way
- Streams

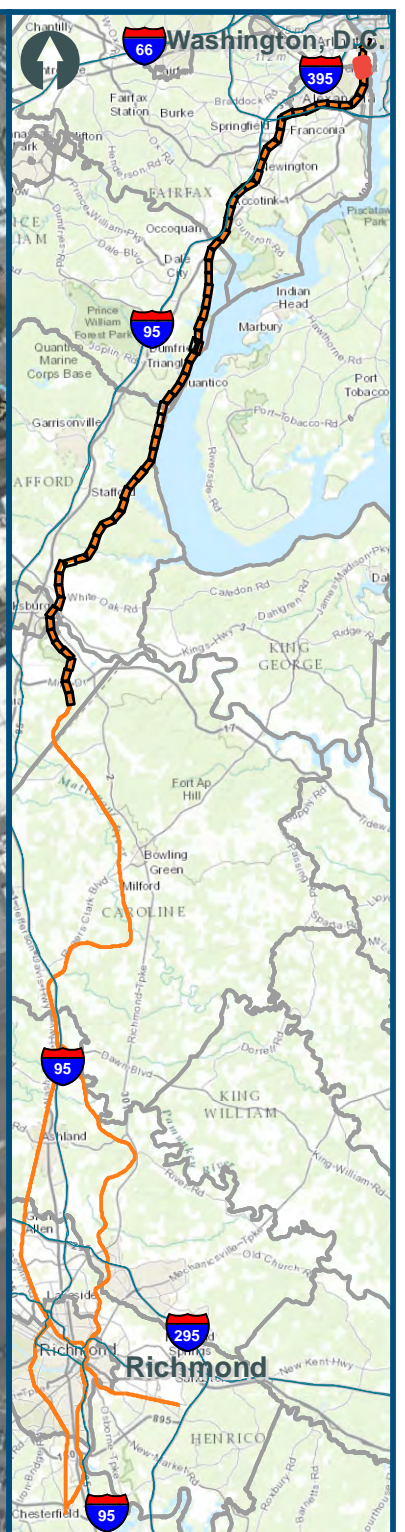
Figure G-1
Northern Virginia
Constrained
Alignment Option

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- Legend**
- WMATA
 - VRE Station
 - CSXT Mileposts
 - New Track
 - Shifted Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure G-2
Northern Virginia
Constrained
Alignment Option



0 150 300






Feet

1 inch = 300 feet
@ 11 x 17 inches

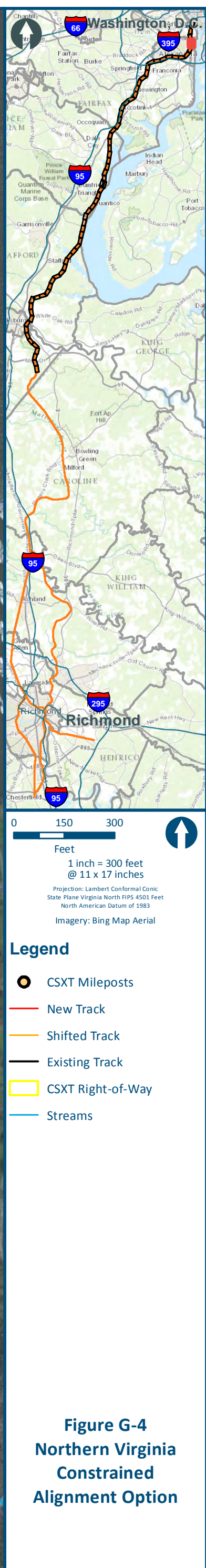
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983

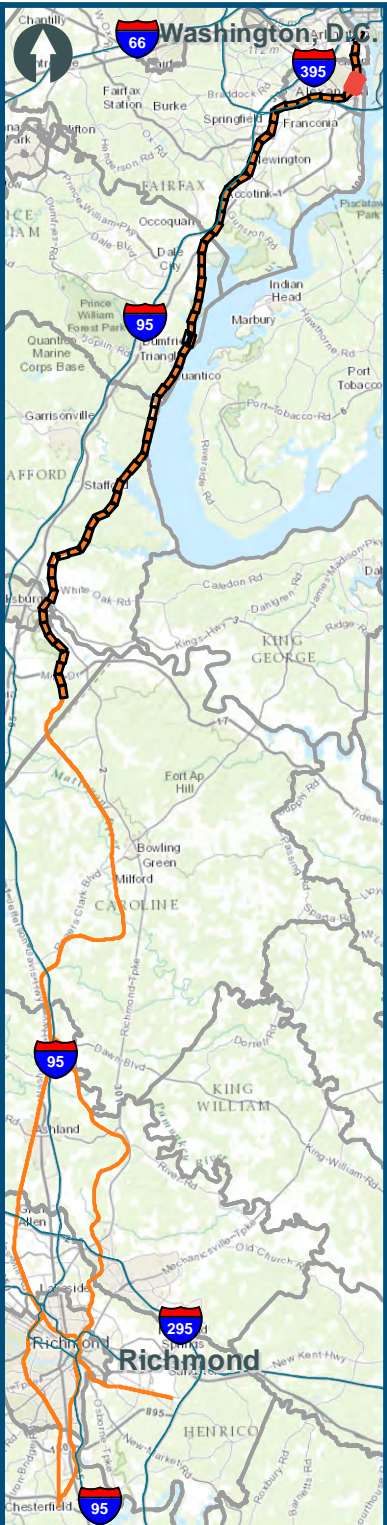
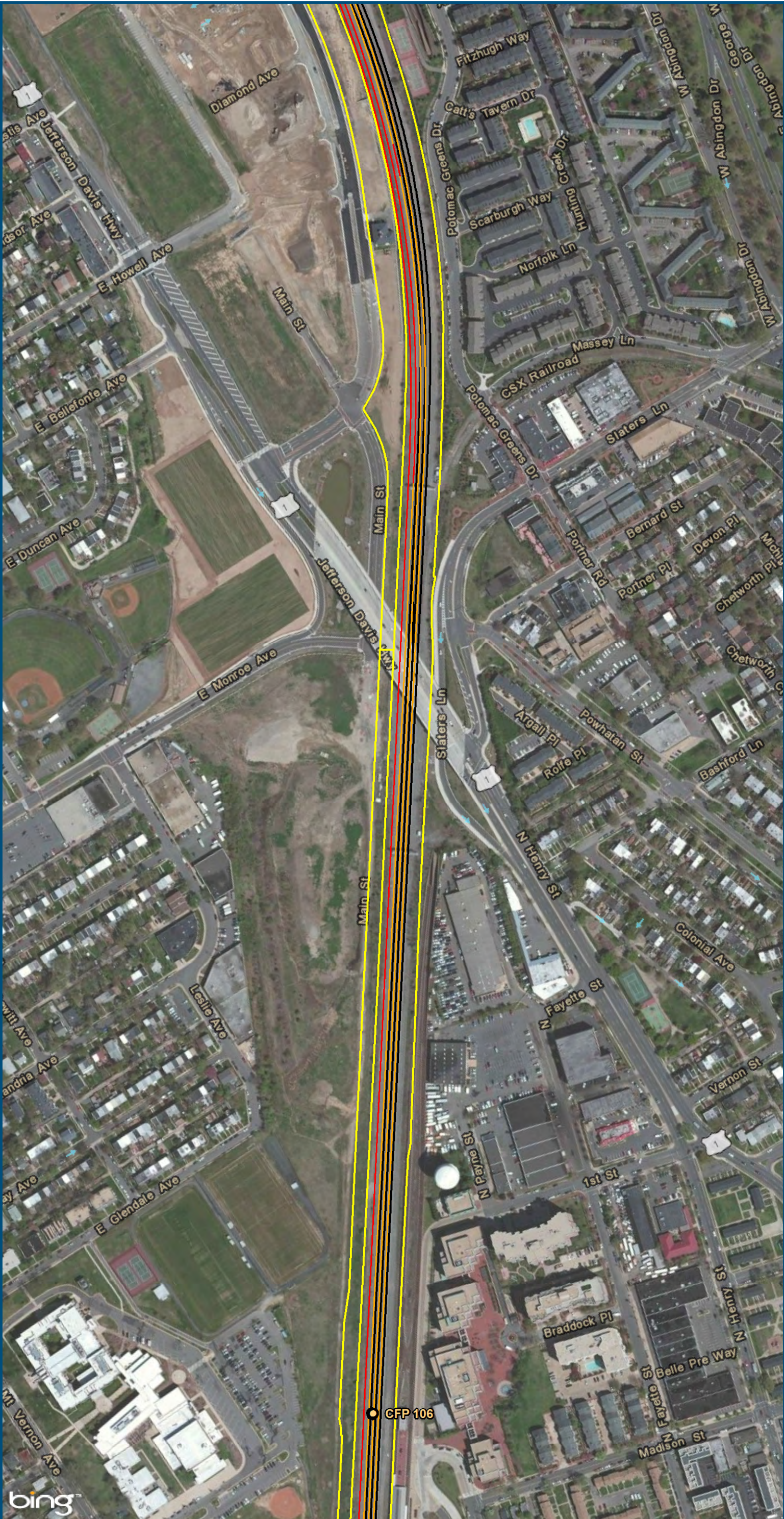
Imagery: Bing Map Aerial

Legend

-  CSXT Mileposts
-  New Track
-  Shifted Track
-  Existing Track
-  CSXT Right-of-Way
-  Streams

**Figure G-3
Northern Virginia
Constrained
Alignment Option**





Legend

- CSXT Mileposts
- New Track
- Shifted Track
- Existing Track
- CSXT Right-of-Way
- Streams

Figure G-5
Northern Virginia
Constrained
Alignment Option

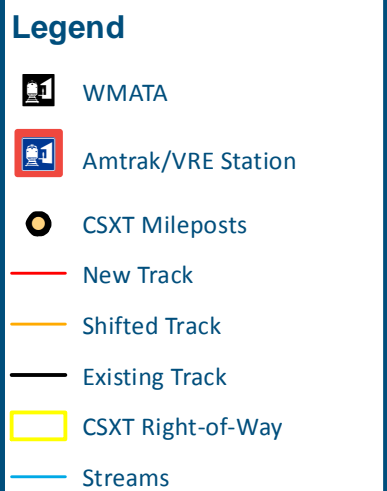
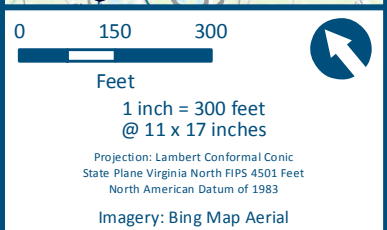
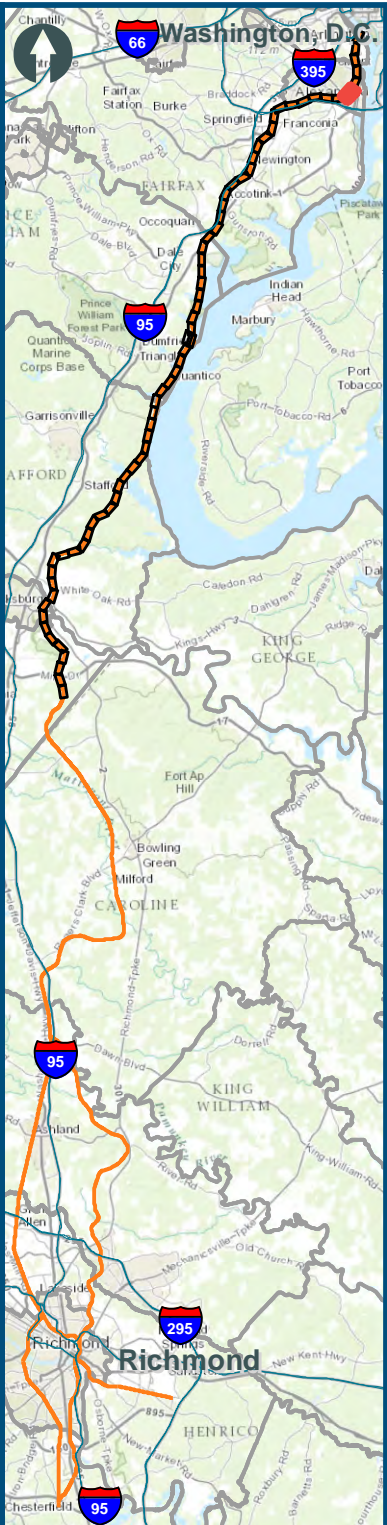
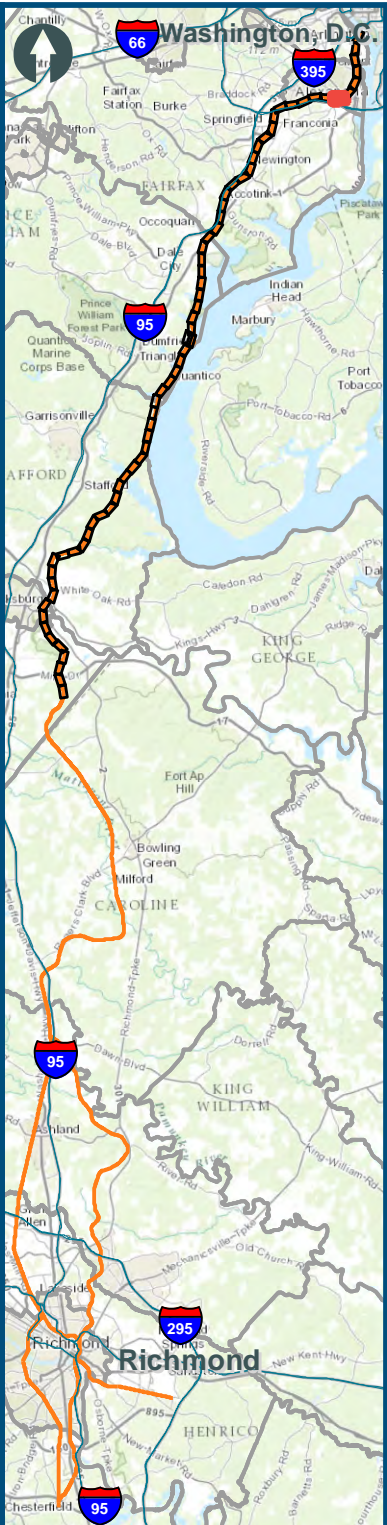
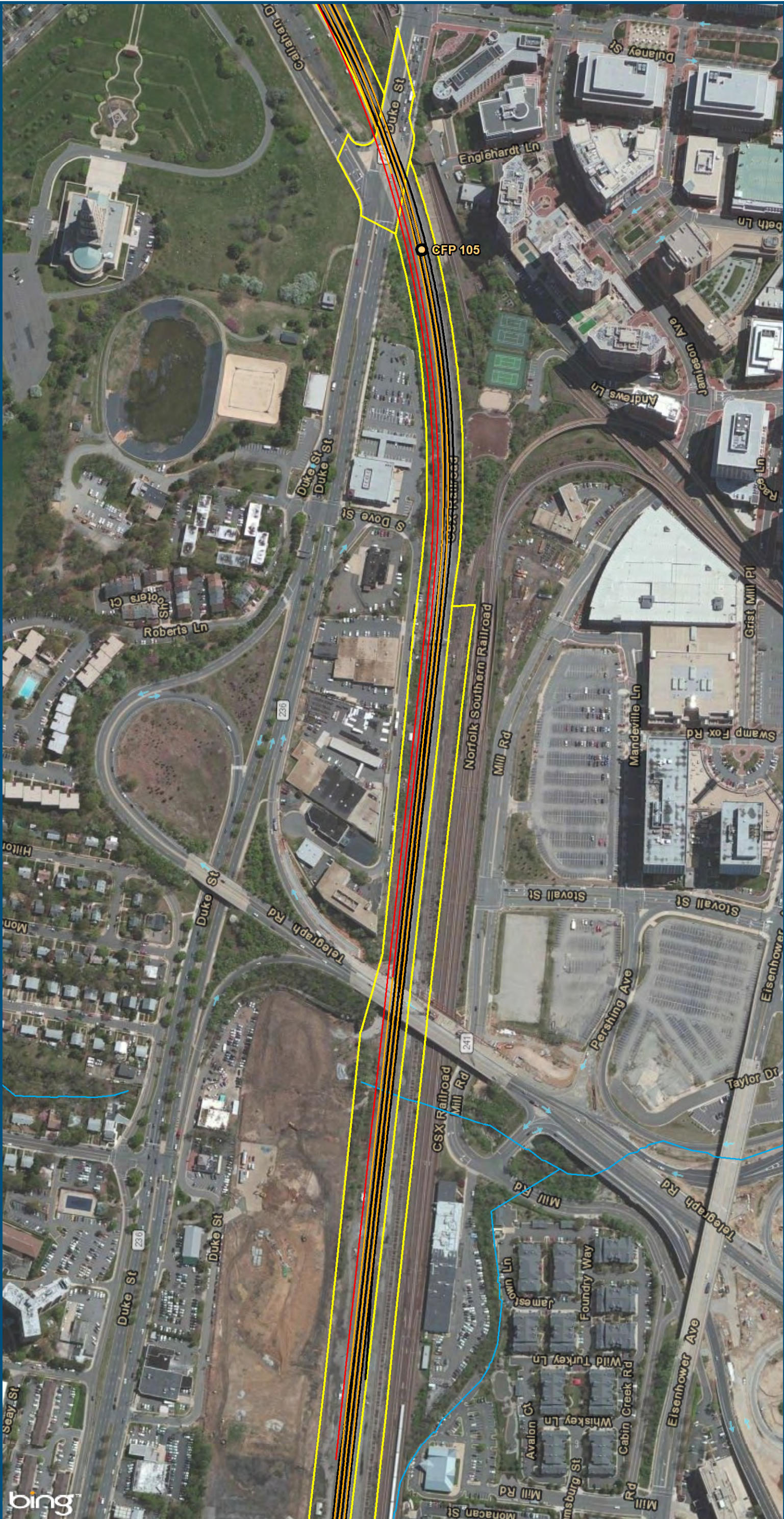


Figure G-6
Northern Virginia
Constrained
Alignment Option

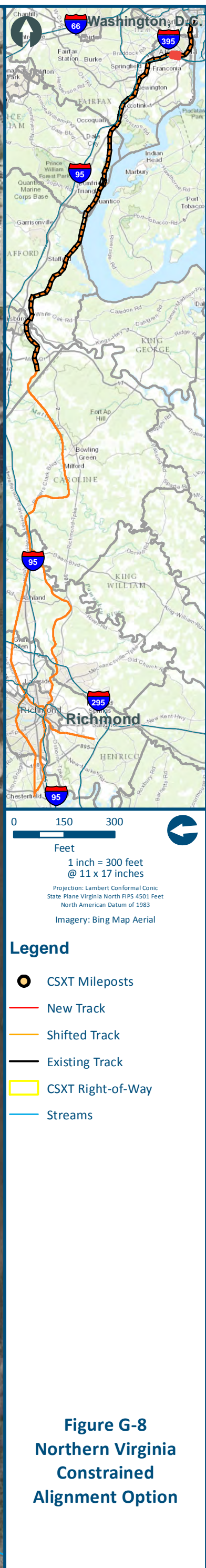
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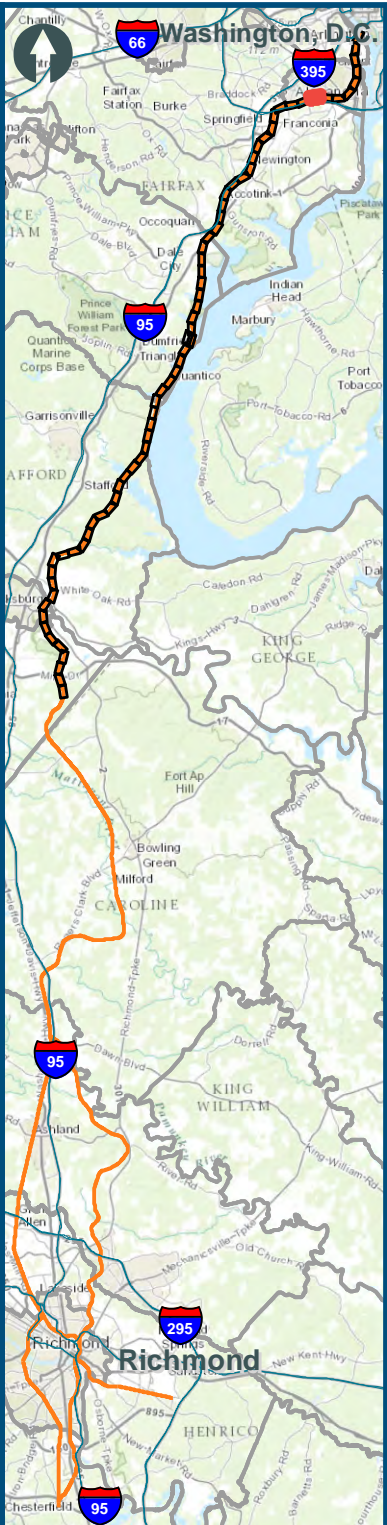
0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

- Legend**
- CSXT Mileposts
 - New Track
 - Shifted Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure G-7
Northern Virginia
Constrained
Alignment Option



\\dlsmain\GIS_DATA\GIS\Projects\011545_VA Dept of Rail\Public\Transportation\0239056_RAPS-4\AltDev-Concept\Eng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Ch6_Appendices_NOV_Constrained_Alignments_11x17.mxd | Last Updated: 11.04.2015



0150300

Feet

1 inch = 300 feet
@ 11 x 17 inches

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

Imagery: Bing Map Aerial

Legend

CSXT Mileposts

New Track

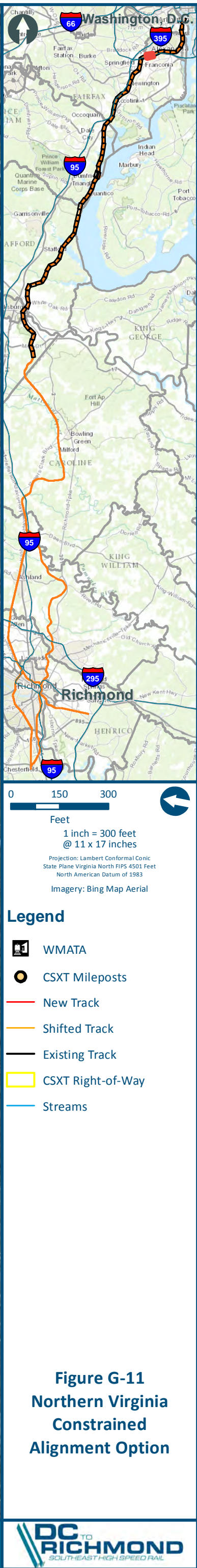
Shifted Track

Existing Track

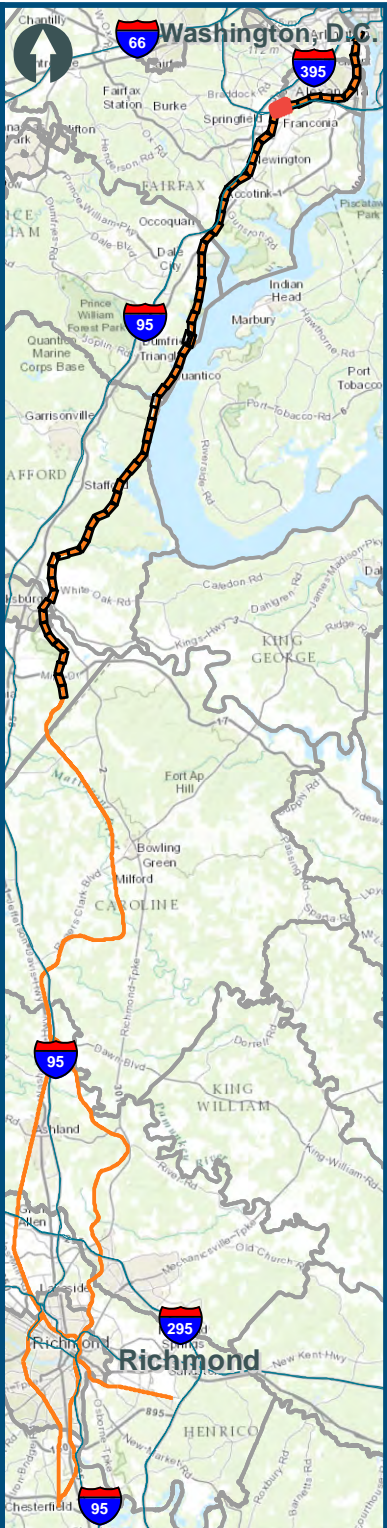
CSXT Right-of-Way

Streams

Figure G-9
Northern Virginia
Constrained
Alignment Option



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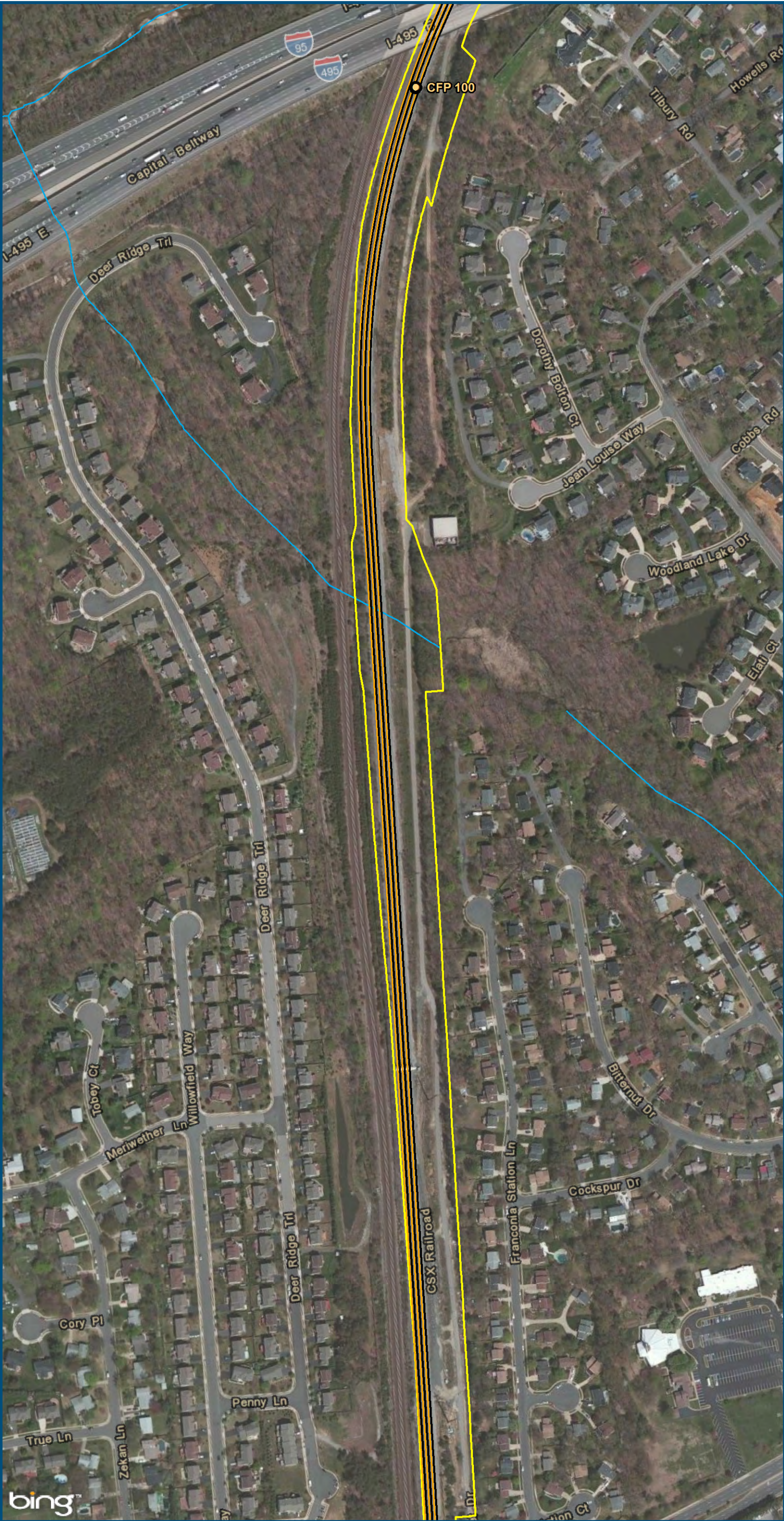


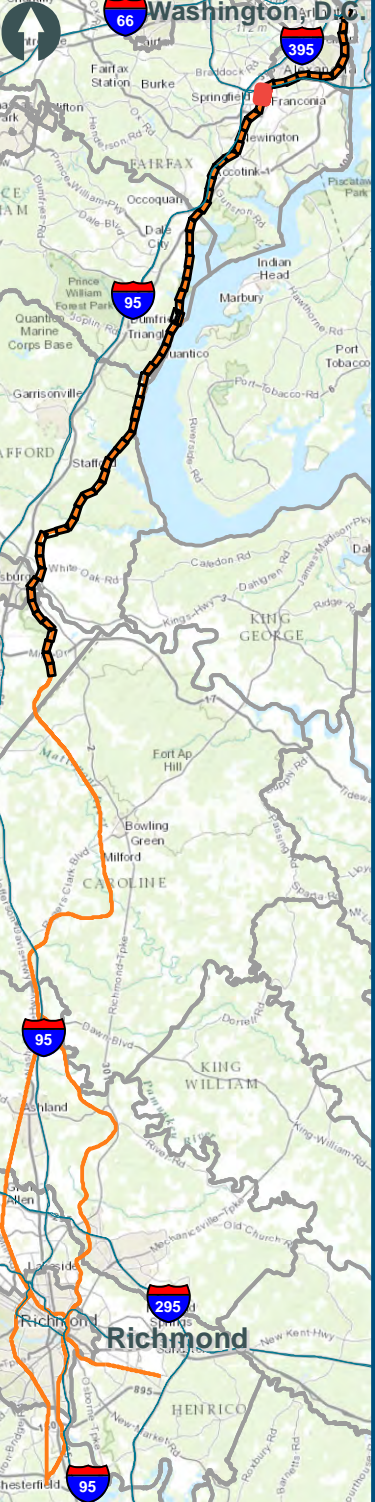

Legend

- CSXT Mileposts
- New Track
- Shifted Track
- Existing Track
- CSXT Right-of-Way
- Streams

Figure G-12
Northern Virginia
Constrained
Alignment Option


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Washington, D.C.

Richmond



0 150 300

Feet

1 inch = 300 feet
@ 11 x 17 inches

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

Imagery: Bing Map Aerial

Legend









-  CSXT Mileposts
-  New Track
-  Shifted Track
-  Existing Track
-  CSXT Right-of-Way
-  Streams

Figure G-13
Northern Virginia
Constrained
Alignment Option

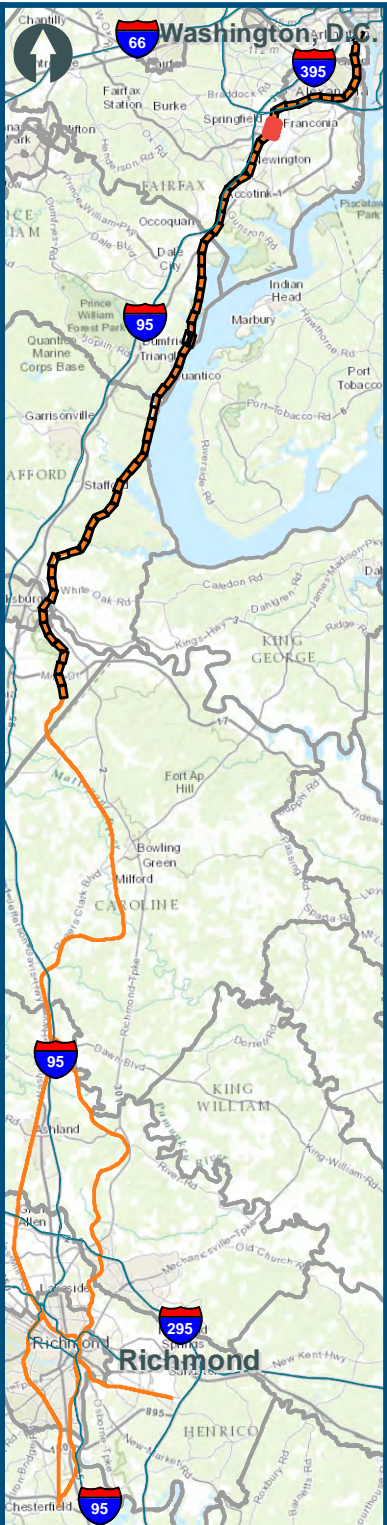


U.S. Department of Transportation
Federal Railroad Administration

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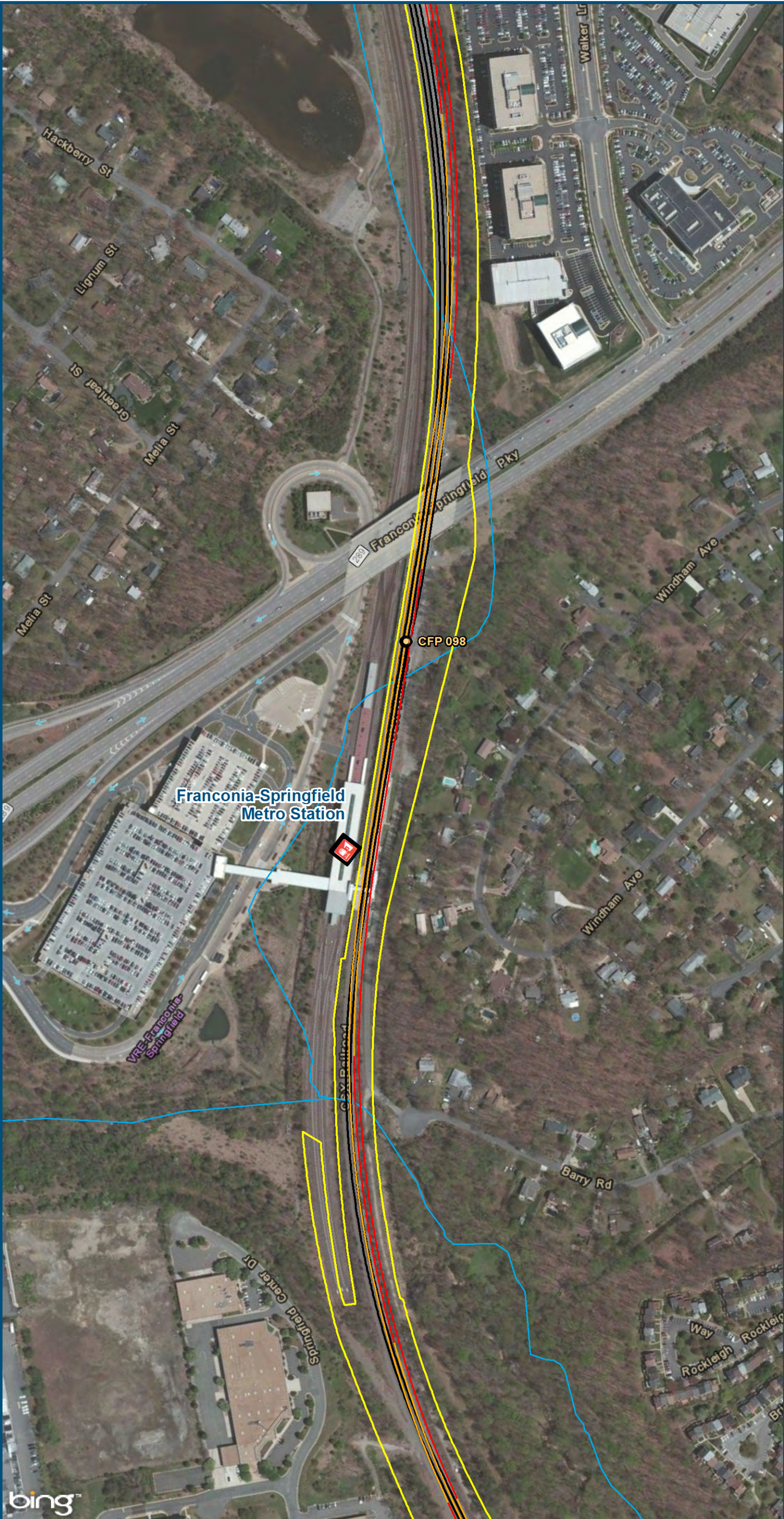
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- Legend**
- CSXT Mileposts
 - New Track
 - Shifted Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure G-14
Northern Virginia
Constrained
Alignment Option

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1 inch = 300 feet
@ 11 x 17 inches

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

Imagery: Bing Map Aerial

Legend

- VRE/Wmata Station
- CSXT Mileposts
- New Track
- Shifted Track
- Existing Track
- CSXT Right-of-Way
- Streams

Figure G-15
Northern Virginia
Constrained
Alignment Option

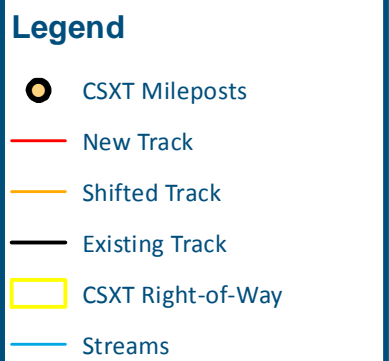
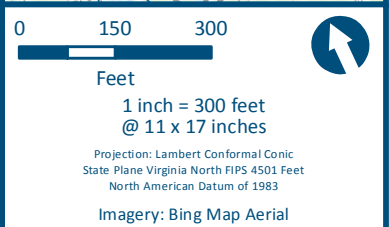
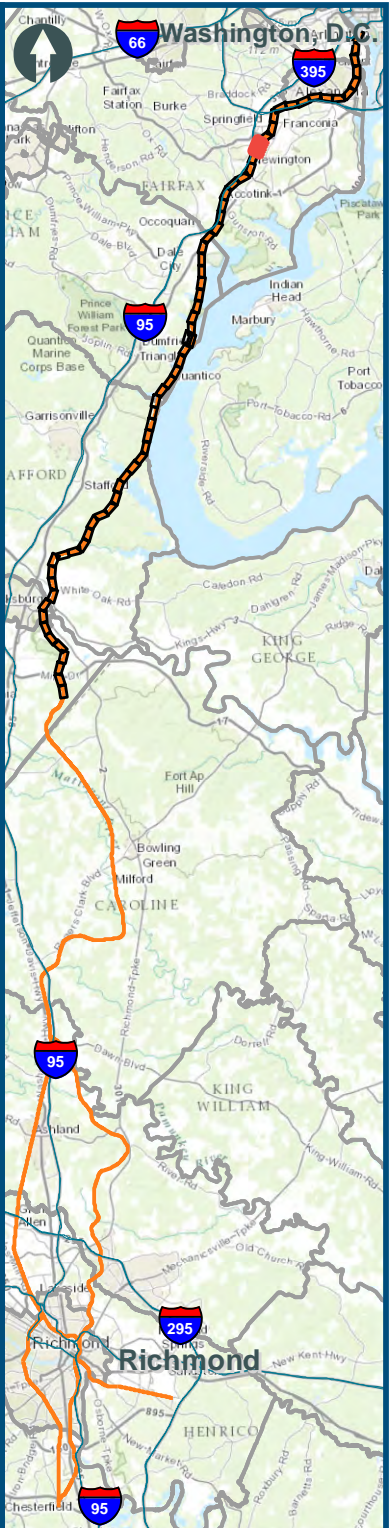
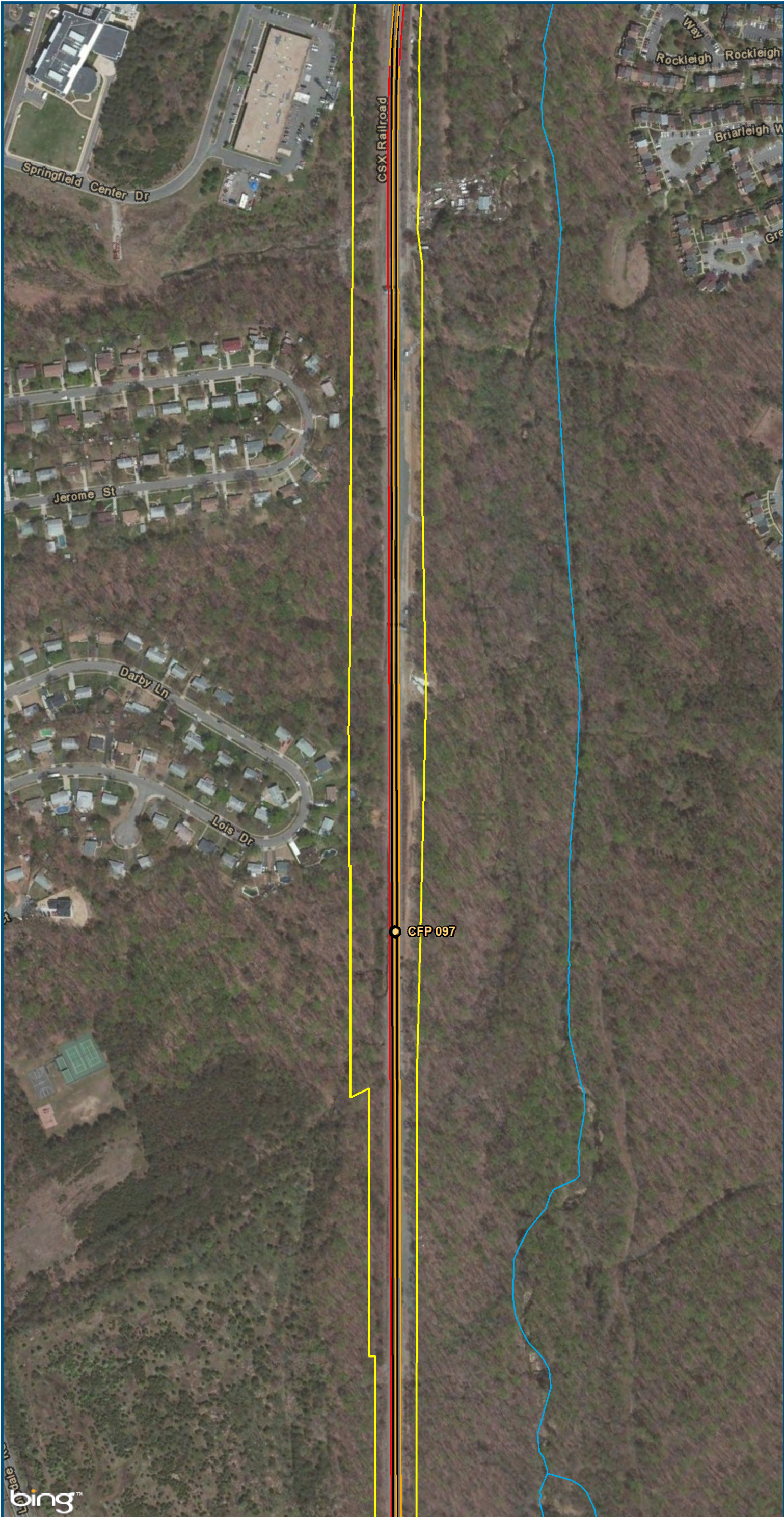
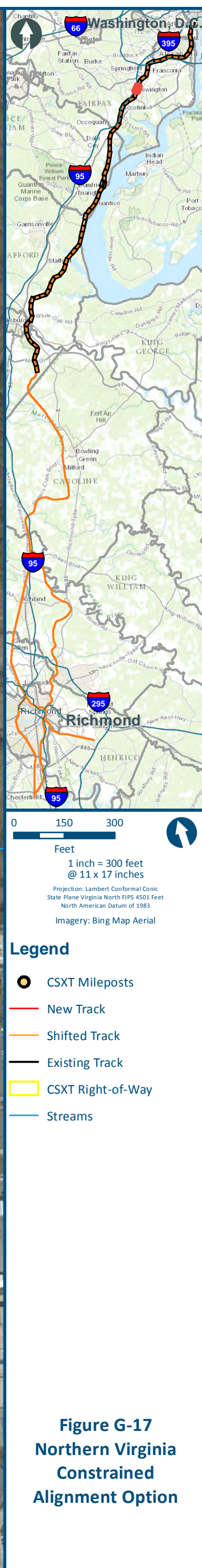


Figure G-16
Northern Virginia
Constrained
Alignment Option



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North Arrow

66

Washington, D.C.

395

Springfield

95

Richmond

95

Richmond

95

Richmond

0

150

300

Feet

1 inch = 300 feet

@ 11 x 17 inches

Projection: Lambert Conformal Conic

State Plane Virginia North FIPS 4501 Feet

North American Datum of 1983

Imagery: Bing Map Aerial

CSXT Mileposts

New Track

Shifted Track

Existing Track

CSXT Right-of-Way

Streams

Figure G-18

Northern Virginia

Constrained

Alignment Option

DC

TO

RICHMOND

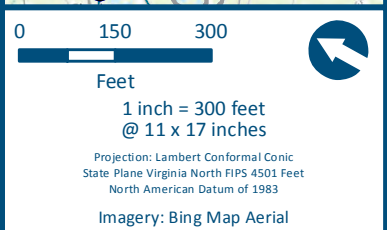
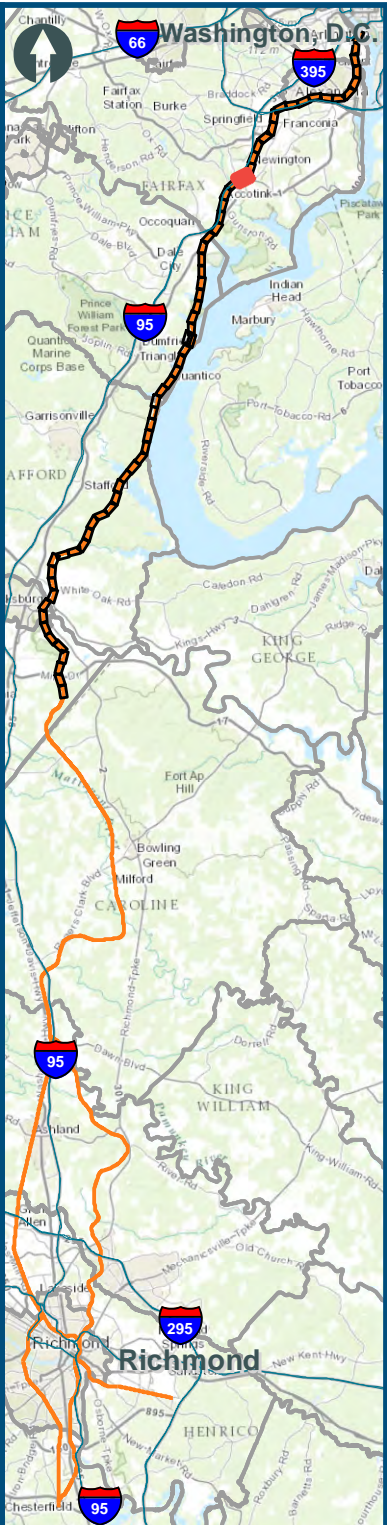
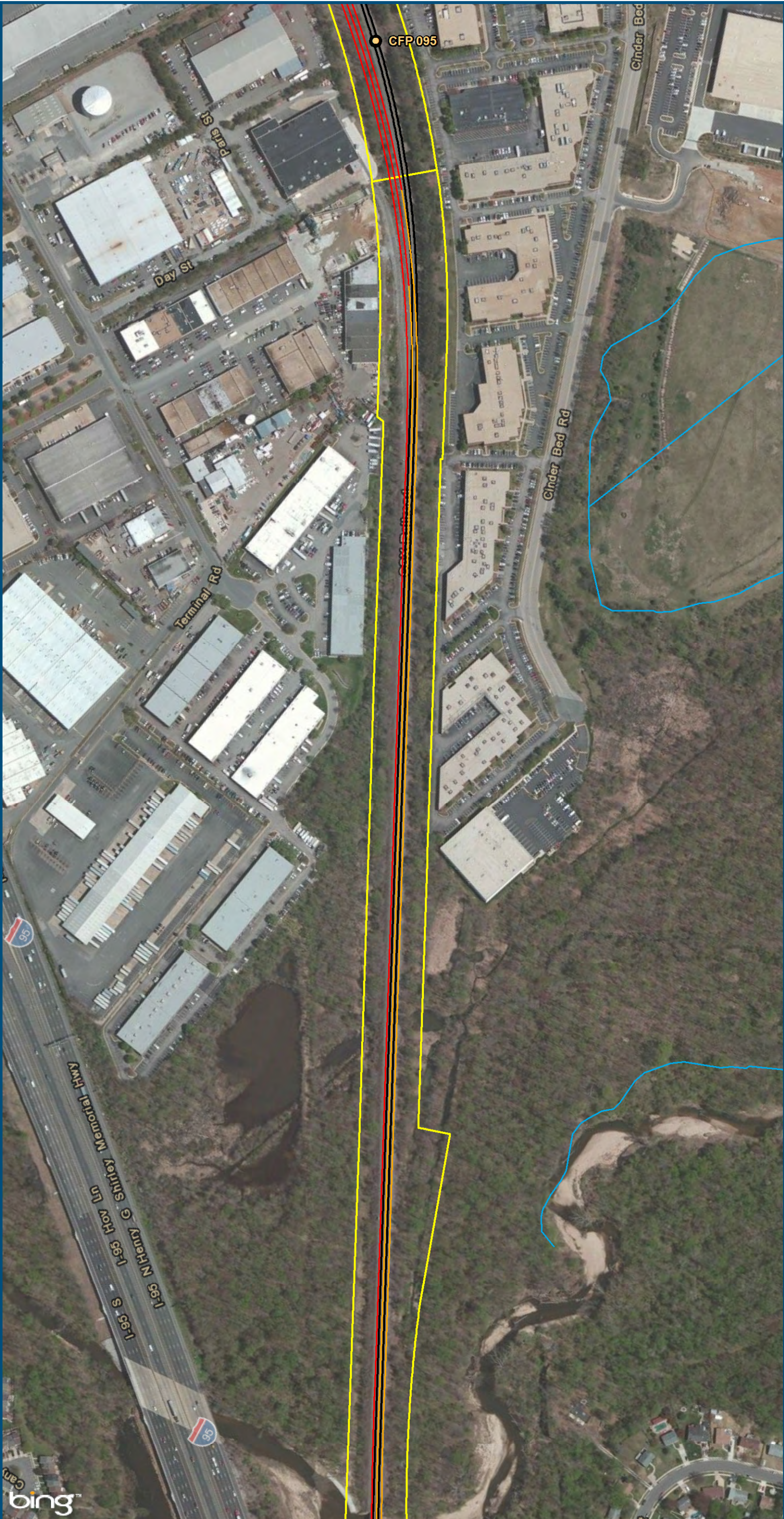
SOUTHEAST HIGH SPEED RAIL

U.S. Department of Transportation

Federal Railroad Administration

www.DC2RVArail.com

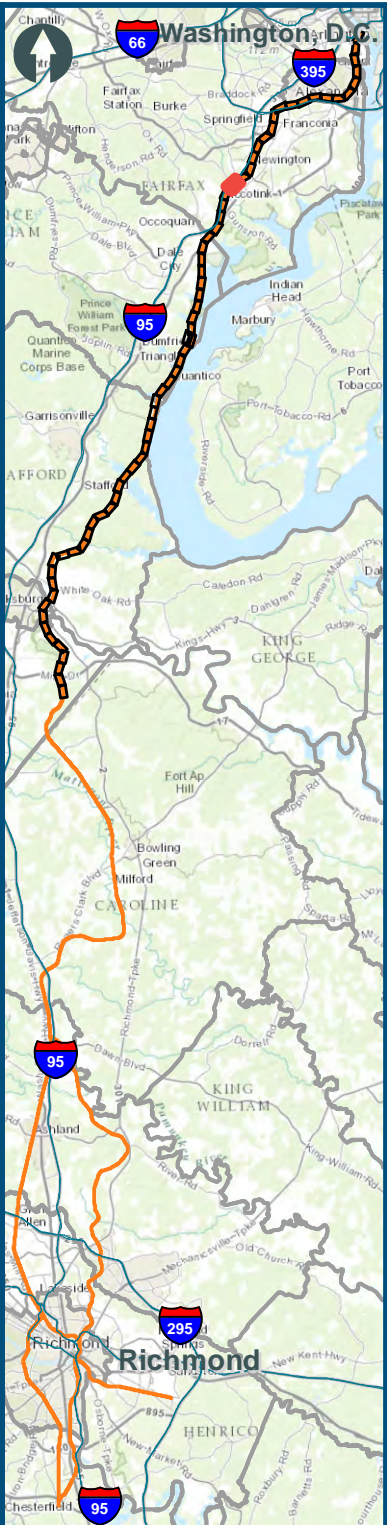
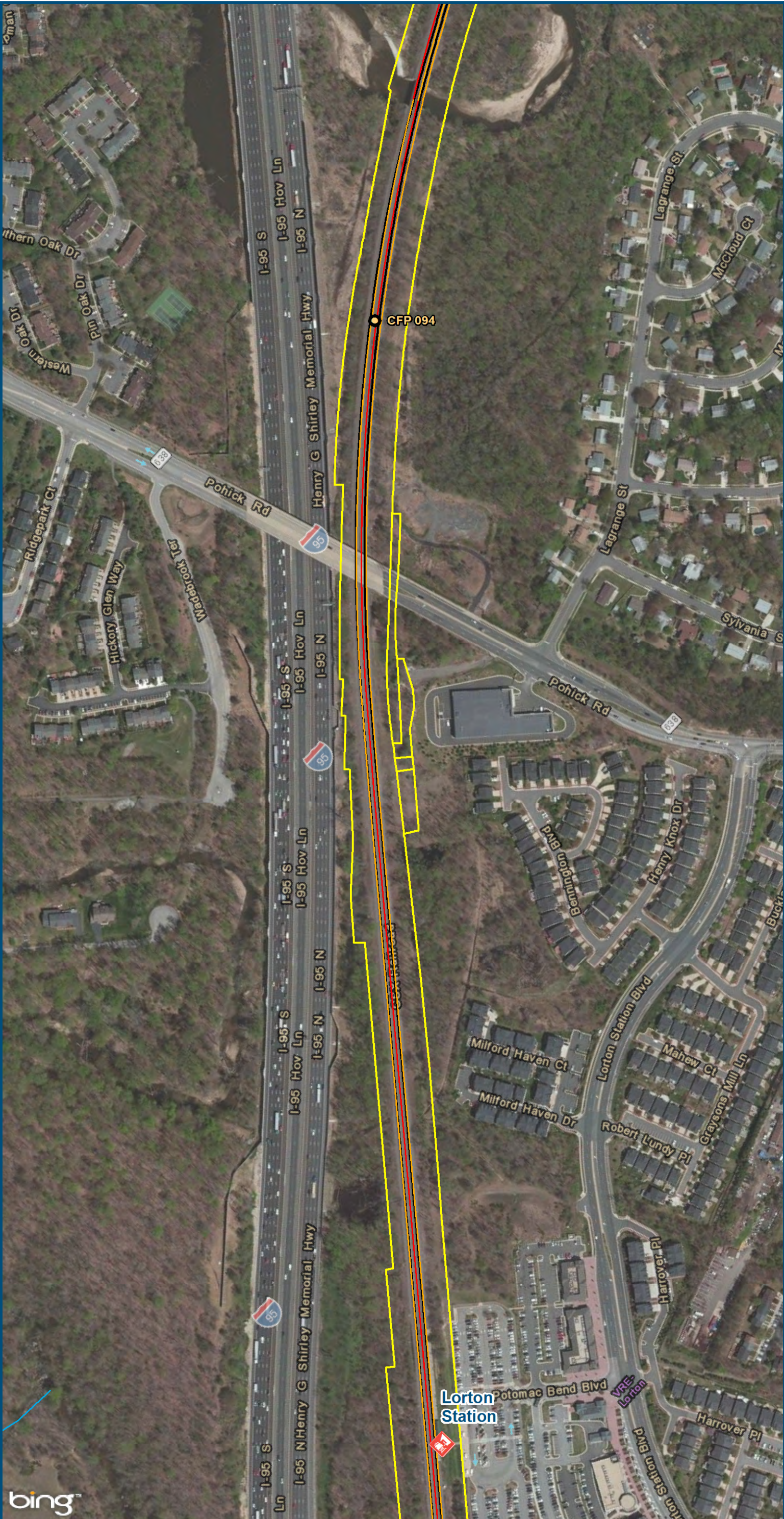
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- Legend**
- CSXT Mileposts
 - New Track
 - Shifted Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure G-19
Northern Virginia
Constrained
Alignment Option

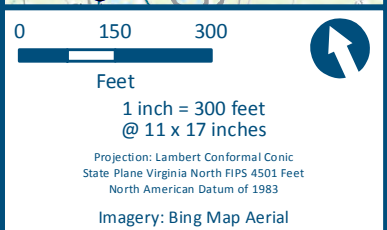
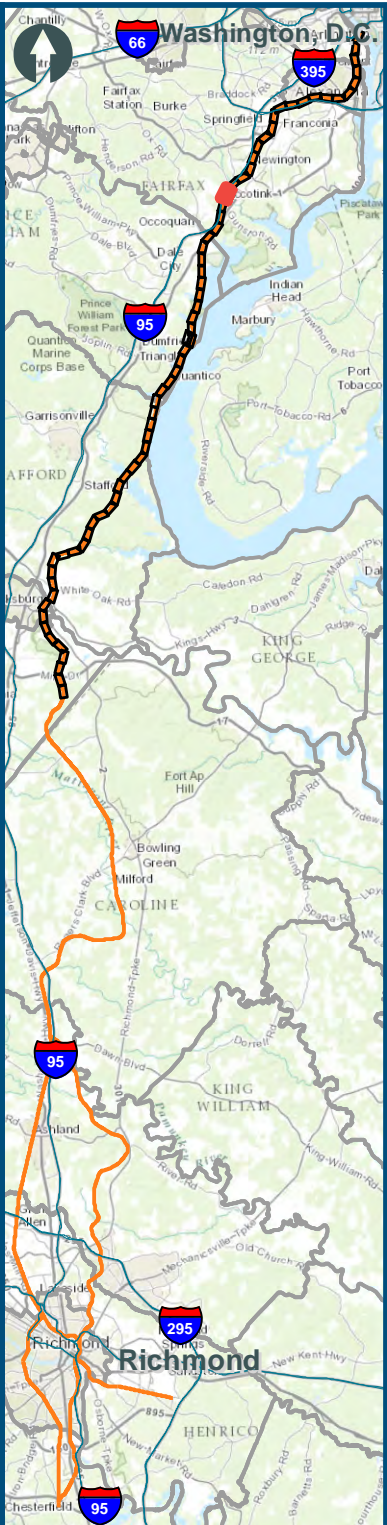
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- Legend**
- VRE Station
 - CSXT Mileposts
 - New Track
 - Shifted Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

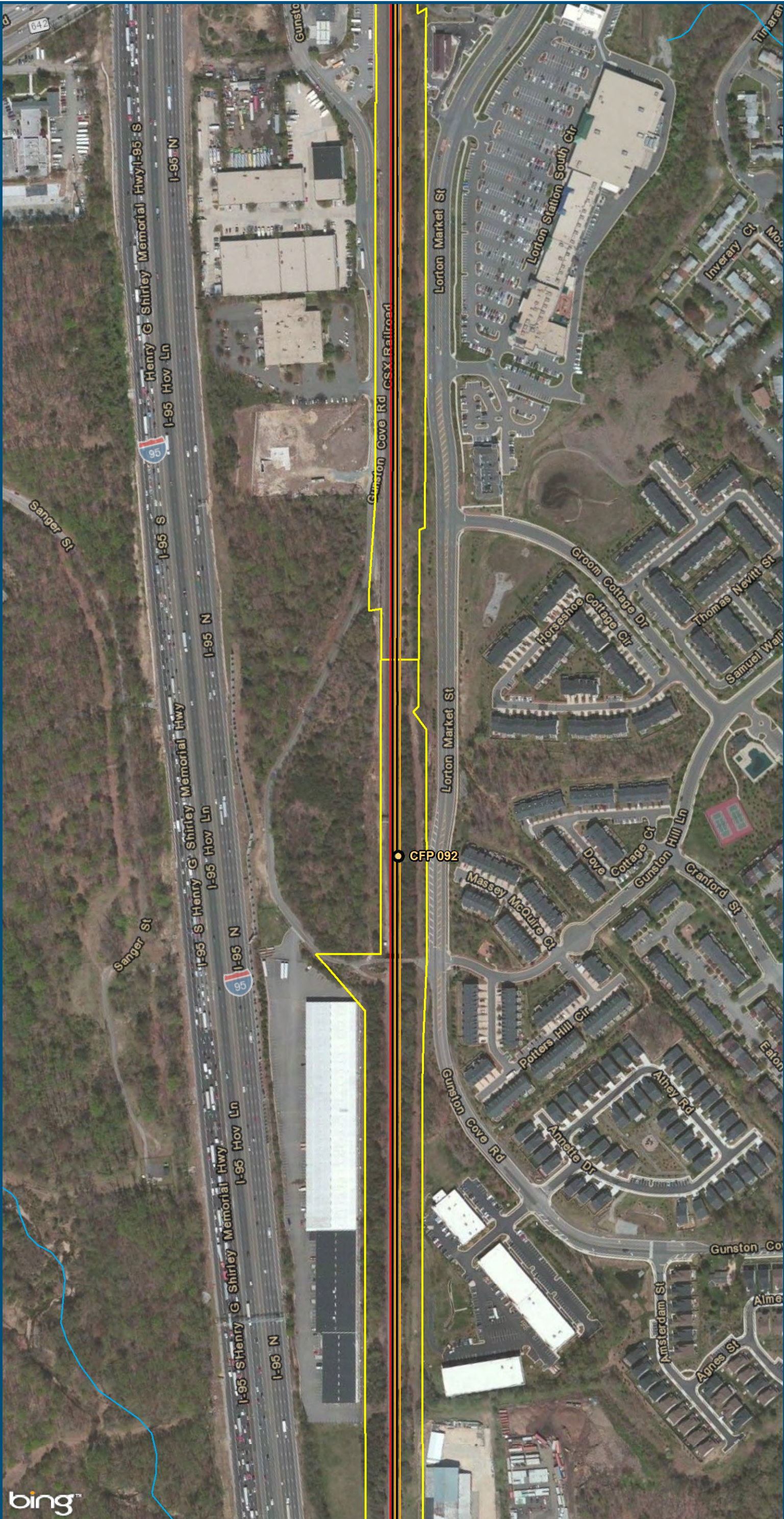
Figure G-20
Northern Virginia
Constrained
Alignment Option

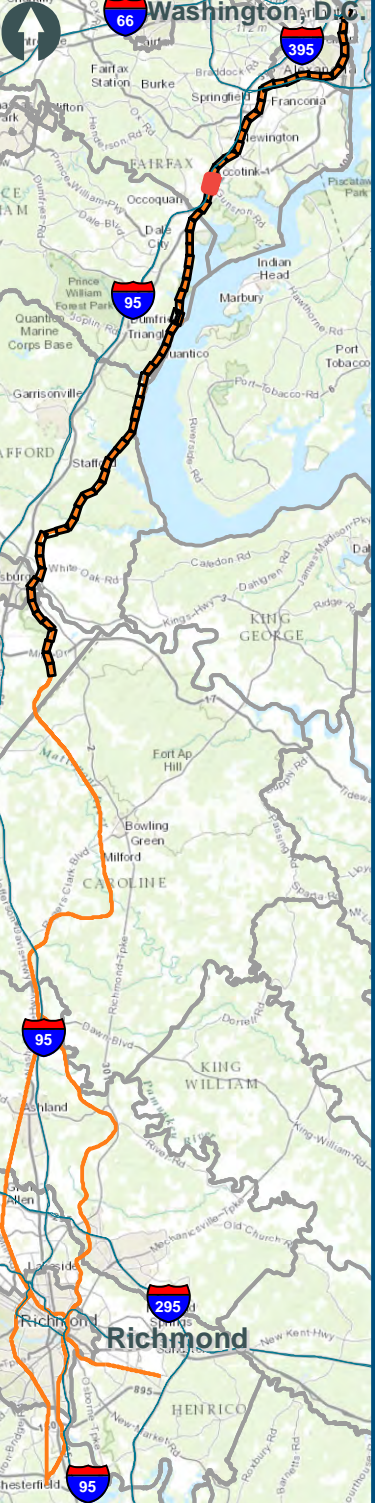

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- Legend**
- Amtrak Station
 - VRE Station
 - CSXT Mileposts
 - New Track
 - Shifted Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure G-21
Northern Virginia
Constrained
Alignment Option





0150300


Feet


1 inch = 300 feet
@ 11 x 17 inches


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


Imagery: Bing Map Aerial


Legend

 CSXT Mileposts

 New Track

 Shifted Track

 Existing Track

 CSXT Right-of-Way




 Streams


Figure G-22

Northern Virginia

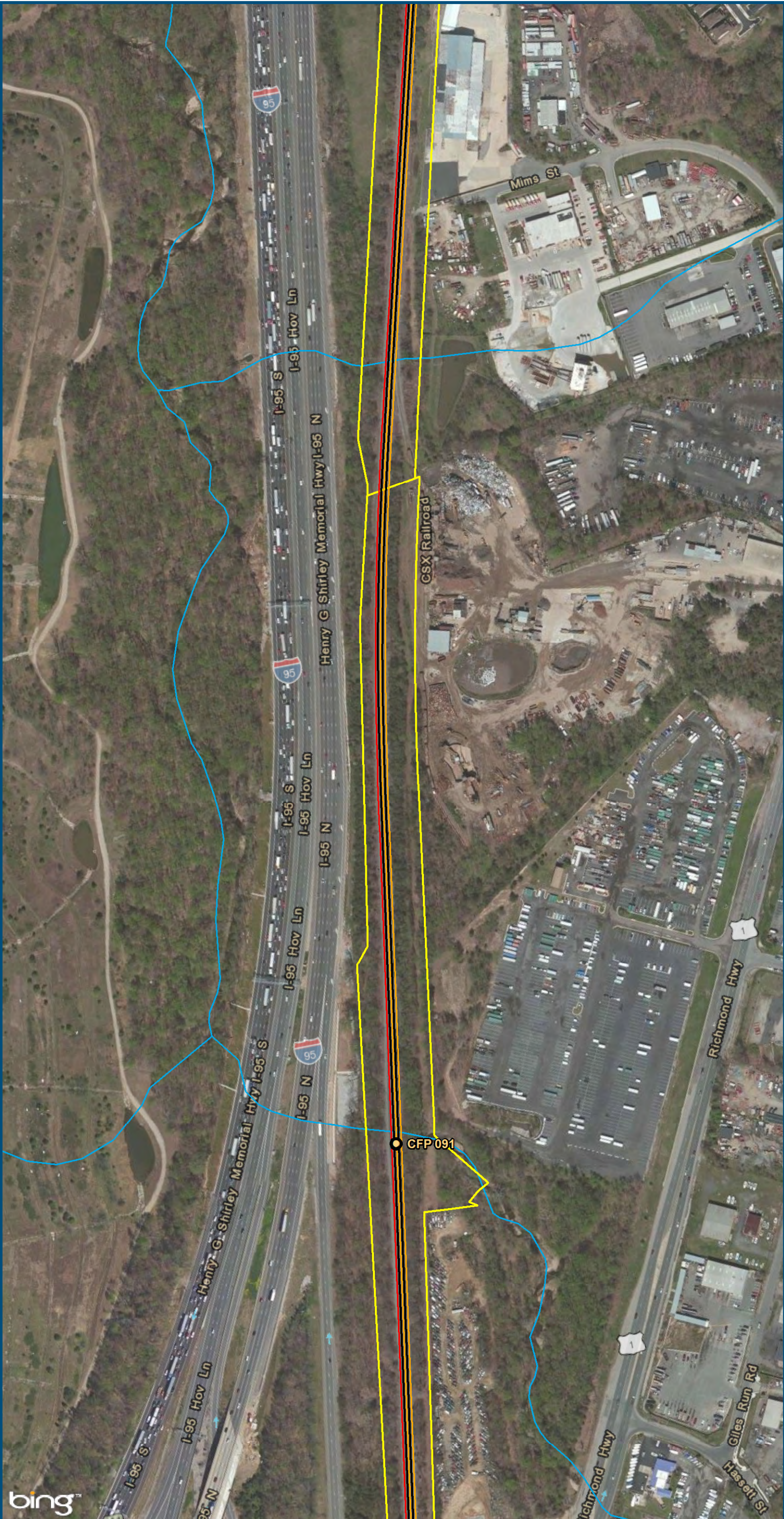
Constrained

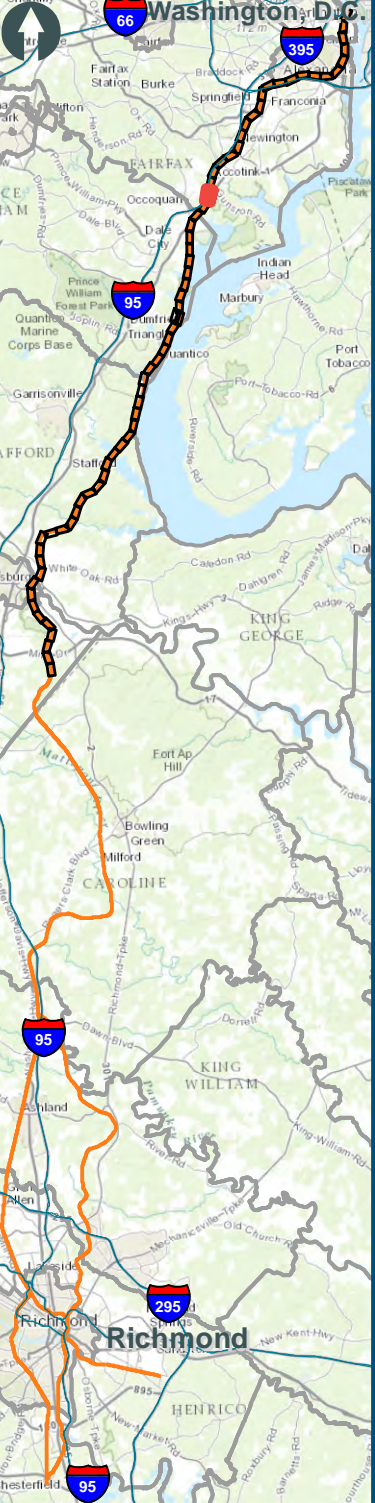

Alignment Option

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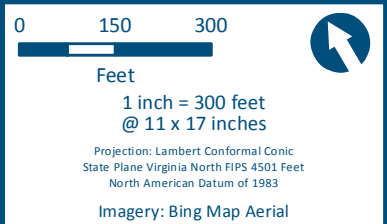
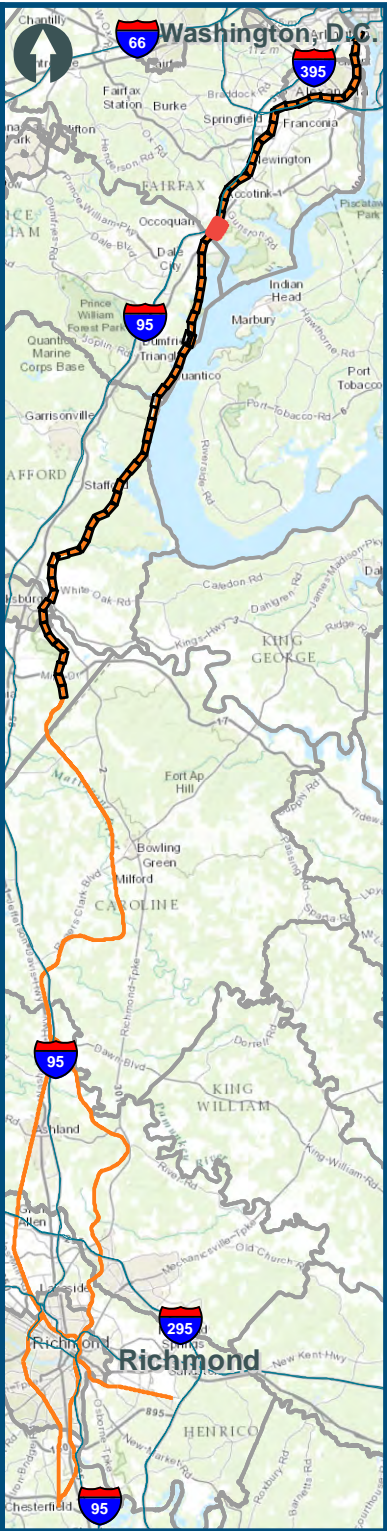
0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

Legend

- CSXT Mileposts
- New Track
- Shifted Track
- Existing Track
- CSXT Right-of-Way
- Streams

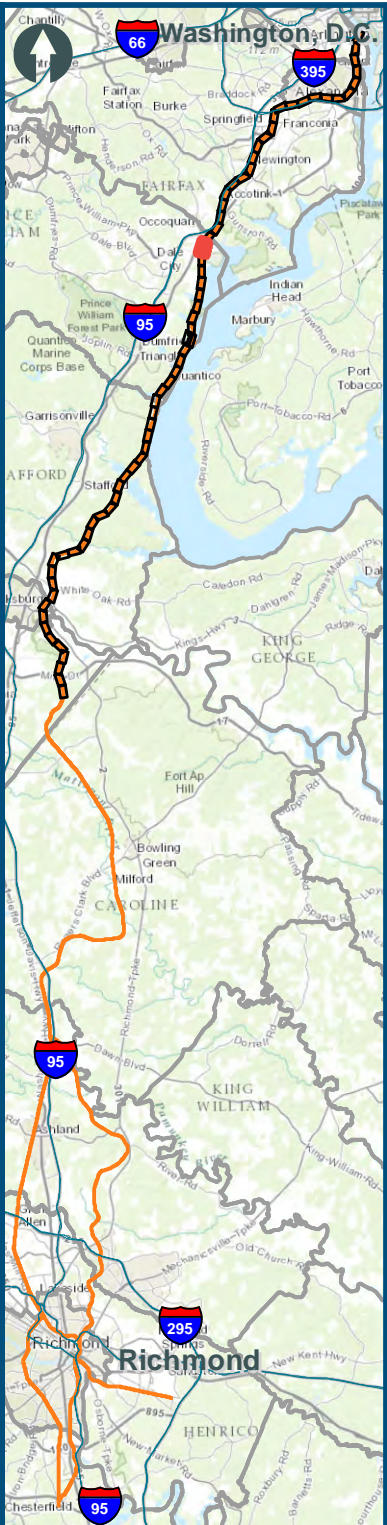
Figure G-23
Northern Virginia
Constrained
Alignment Option

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- Legend**
- CSXT Mileposts
 - New Track
 - Shifted Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure G-24
Northern Virginia
Constrained
Alignment Option

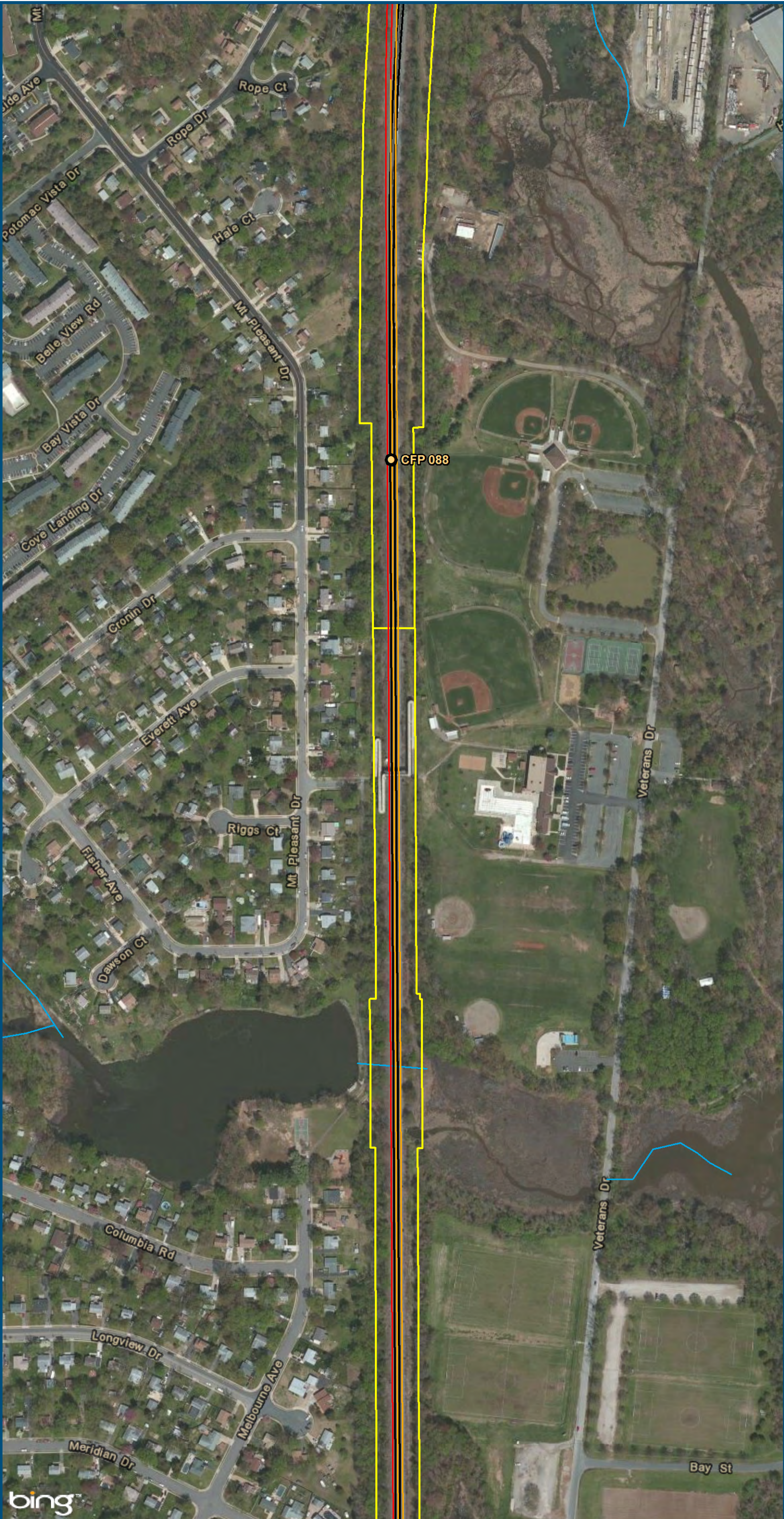


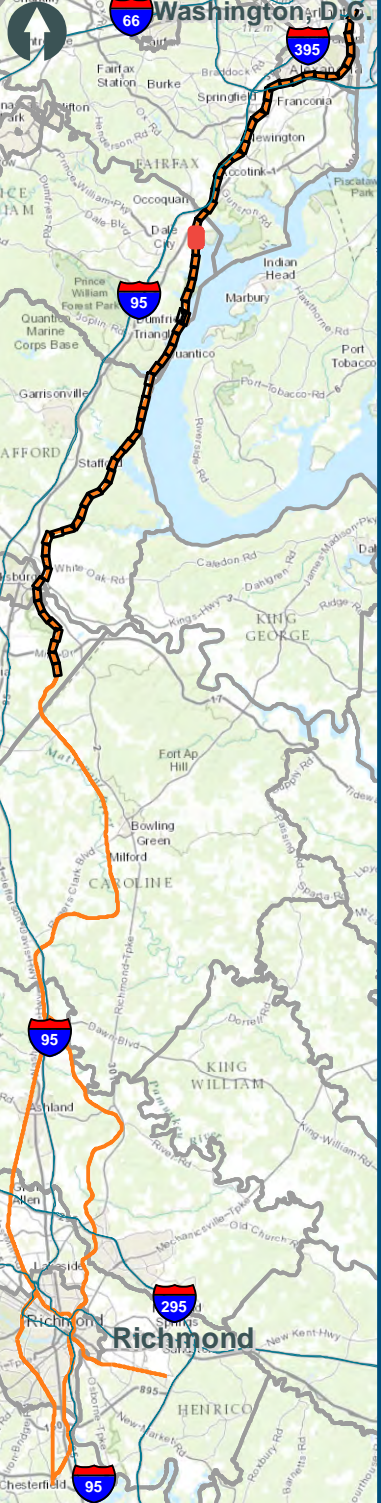

Legend

- Amtrak/VRE Station
- CSXT Mileposts
- New Track
- Shifted Track
- Existing Track
- CSXT Right-of-Way
- Streams

Figure G-26
Northern Virginia
Constrained
Alignment Option

\\dlsmain\GIS_DATA\GIS\Projects\11545_VA\DeptofRails-Public\Transportation\0239056_RAPS-4\AltDev-Concept\Eng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Ch6_Appendices_NOV_Constrained_Alignments_11x17.mxd | Last Updated: 11.04.2015





0 150 300

Feet

1 inch = 300 feet
@ 11 x 17 inches

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

Imagery: Bing Map Aerial

Legend











-  CSXT Mileposts
-  New Track
-  Shifted Track
-  Existing Track
-  CSXT Right-of-Way
-  Streams

Figure G-27

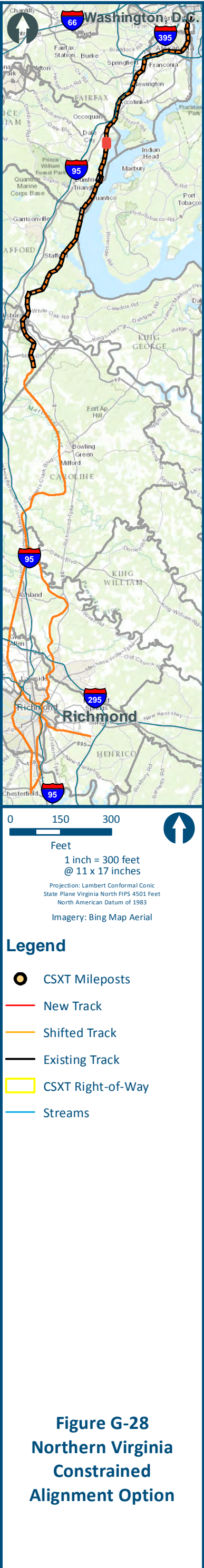
Northern Virginia

Constrained

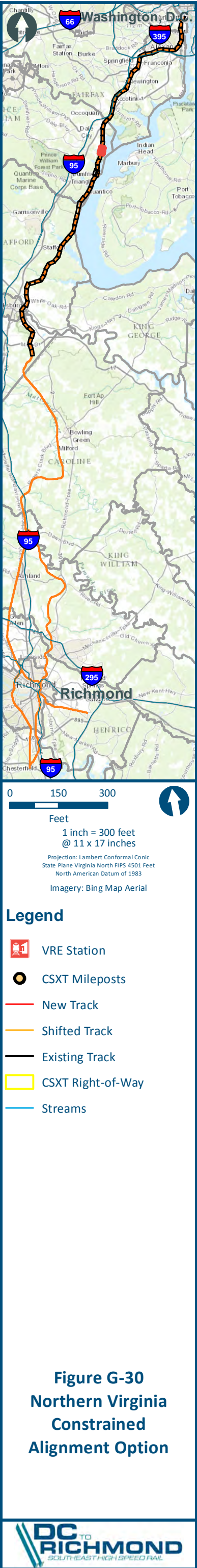
Alignment Option



\\dlismain\GIS_DATA\GIS\Projects\011545_VA Dept of Rail\Public Transportation\0239056_RAPS-4\AltDev-Concept\Eng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Ch6_Appendices_NOV_Constrained_Alignments_11x17.mxd | Last Updated: 11.04.2015

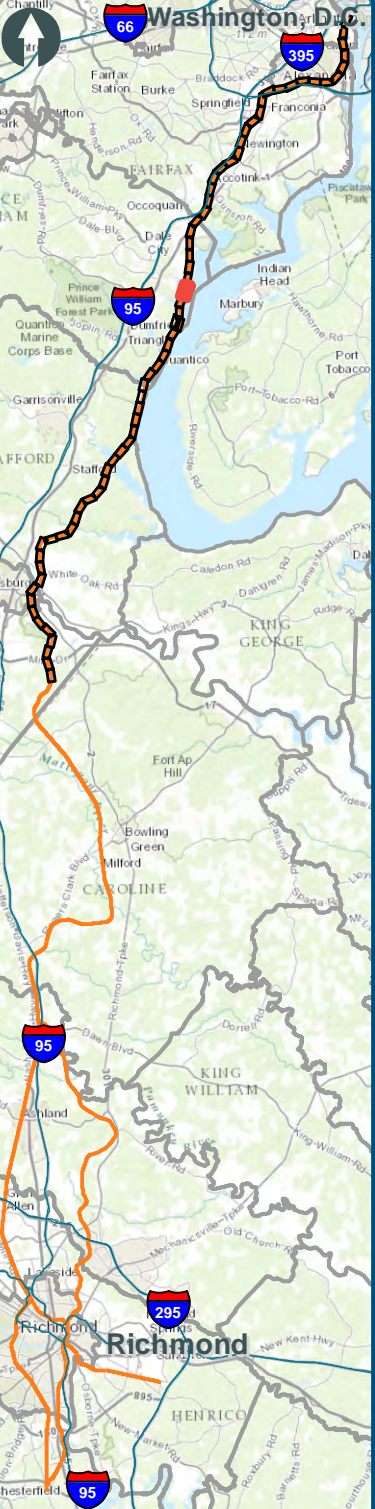



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0 150 300

Feet

1 inch = 300 feet
@ 11 x 17 inches

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

Imagery: Bing Map Aerial

Legend












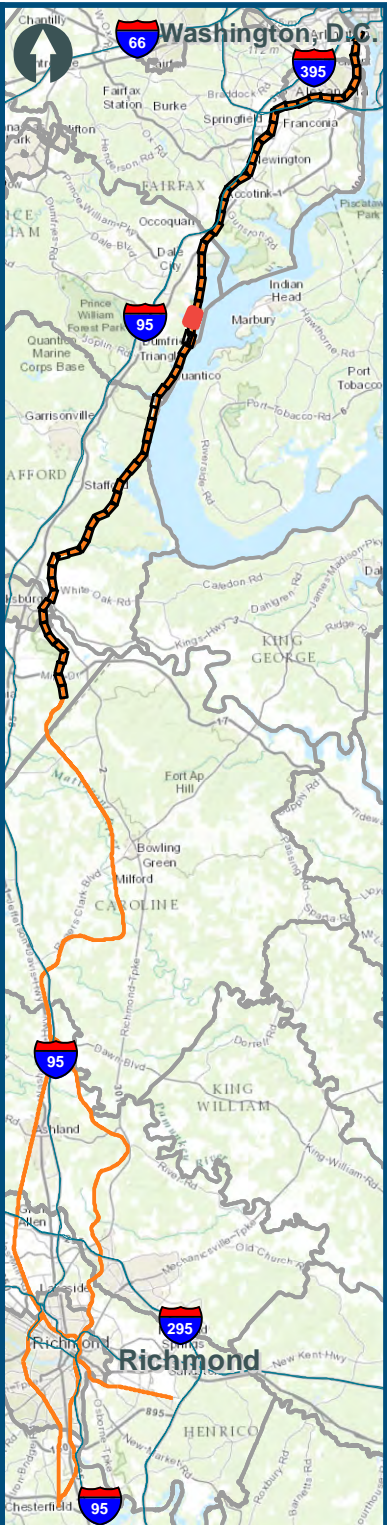
-  CSXT Mileposts
-  New Track
-  Shifted Track
-  Existing Track
-  CSXT Right-of-Way
-  Streams

Figure G-31
Northern Virginia
Constrained
Alignment Option



\\dlsmain\GIS_DATA\GIS\Projects\011545_VA Dept of Rails-Public\Transportation\0239056_RAPS-4\AltDev-Concept\Eng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Ch6_Appendices_NOV_Constrained_Alignments_11x17.mxd | Last Updated: 11.04.2015

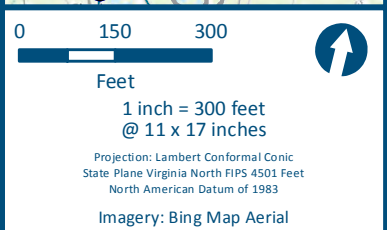
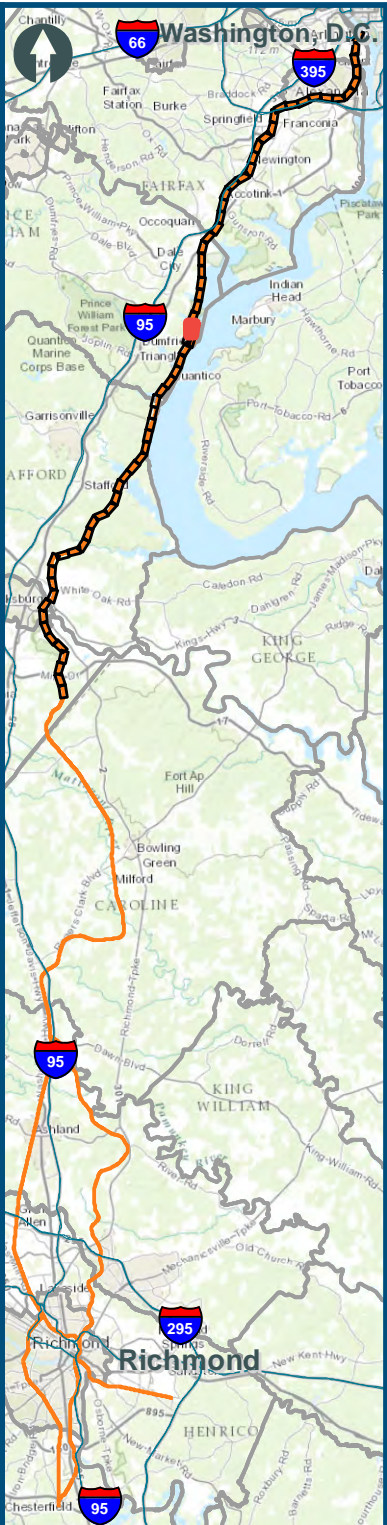


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

- Legend**
- CSXT Mileposts
 - New Track
 - Shifted Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure G-32
Northern Virginia
Constrained
Alignment Option

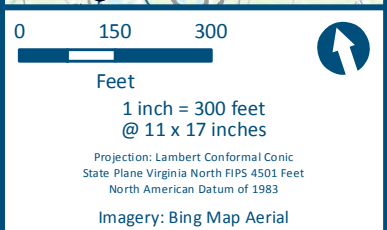
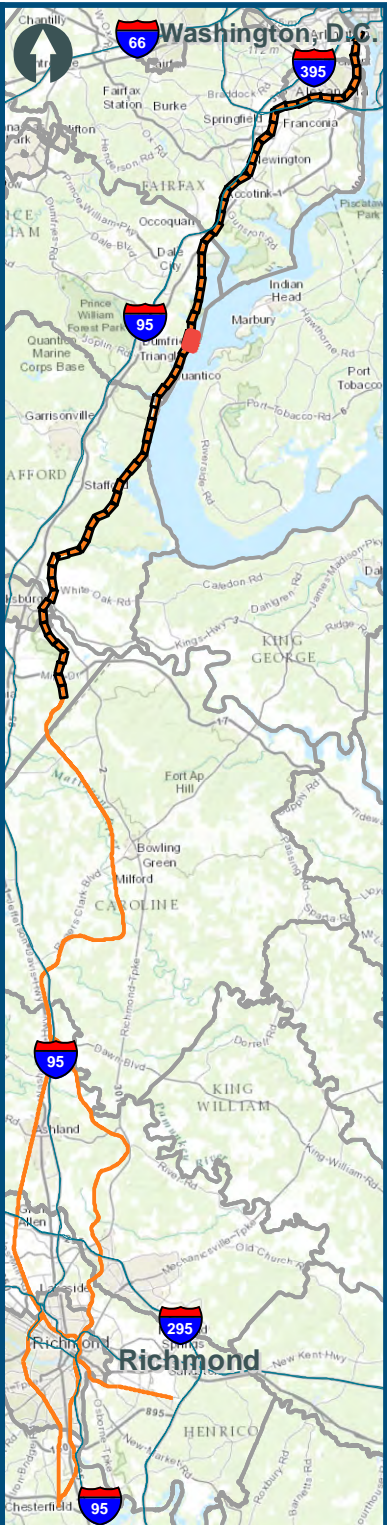
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- Legend**
- VRE Station
 - CSXT Mileposts
 - Third Track Under Construction by CSXT
 - New Track
 - Shifted Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure G-33
Northern Virginia
Constrained
Alignment Option

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- Legend**
- CSXT Mileposts
 - Third Track Under Construction by CSXT
 - New Track
 - Shifted Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure G-34
Northern Virginia
Constrained
Alignment Option