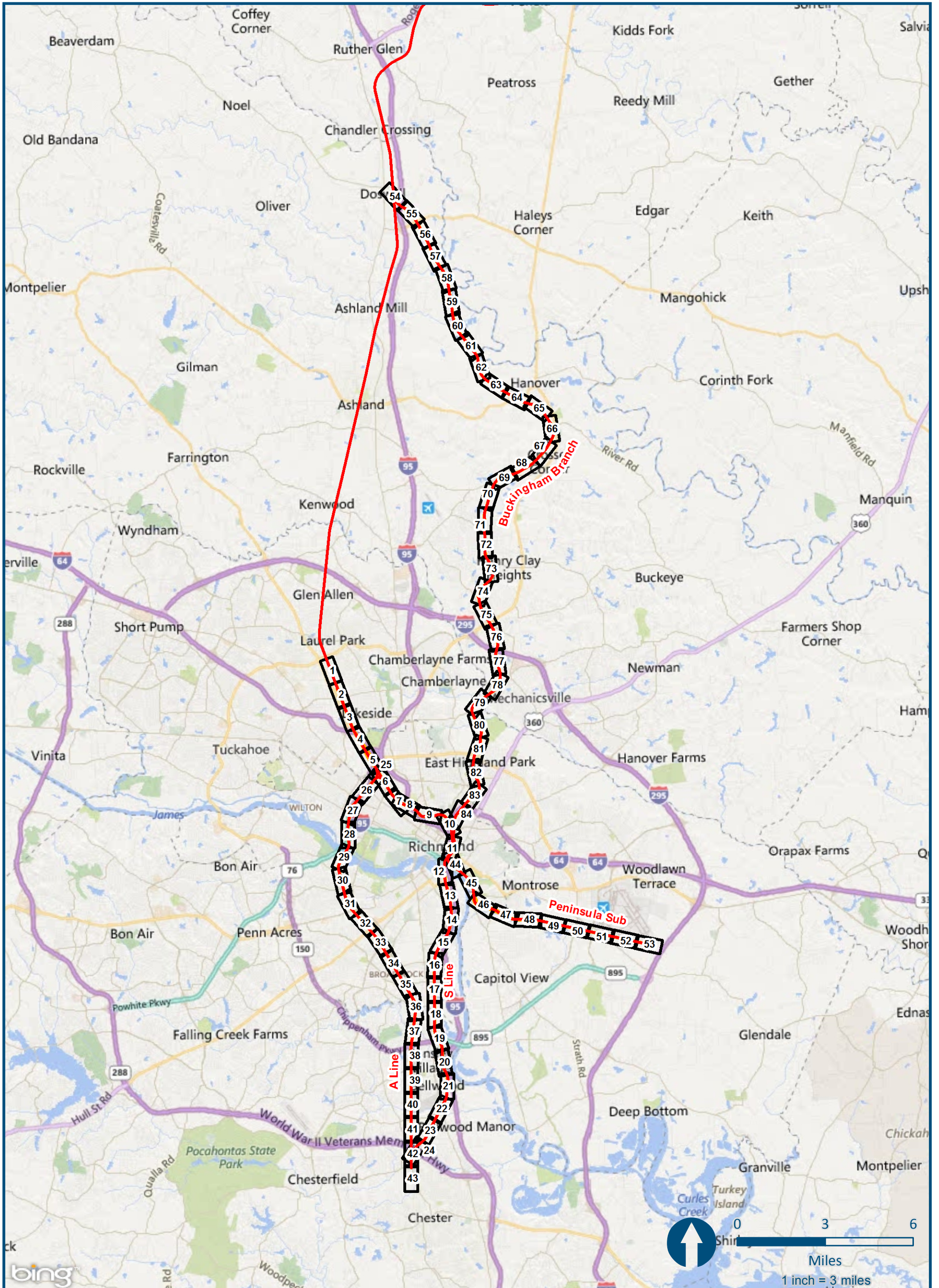


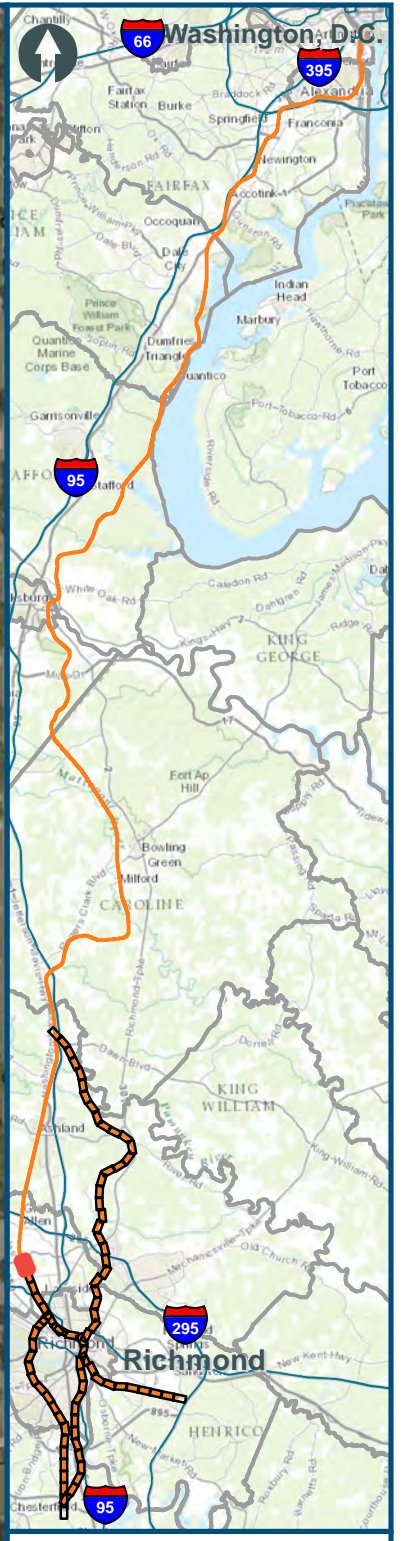
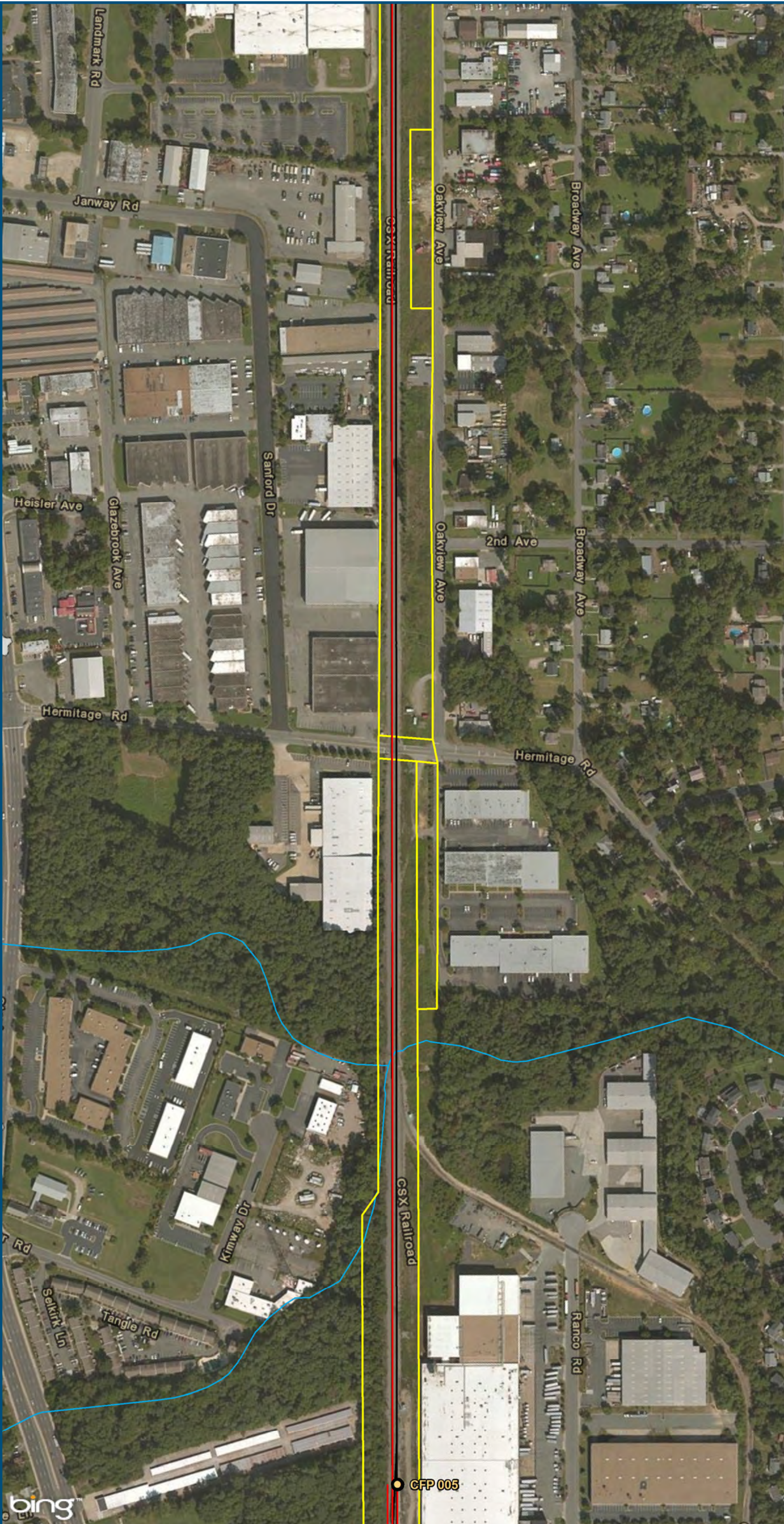
Richmond, Virginia (RIC) Project Section Hold Bridges Alignment Option Index Map



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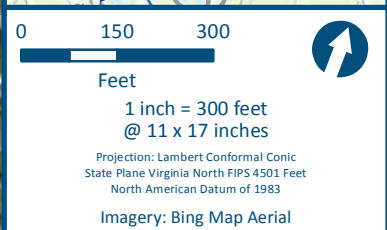
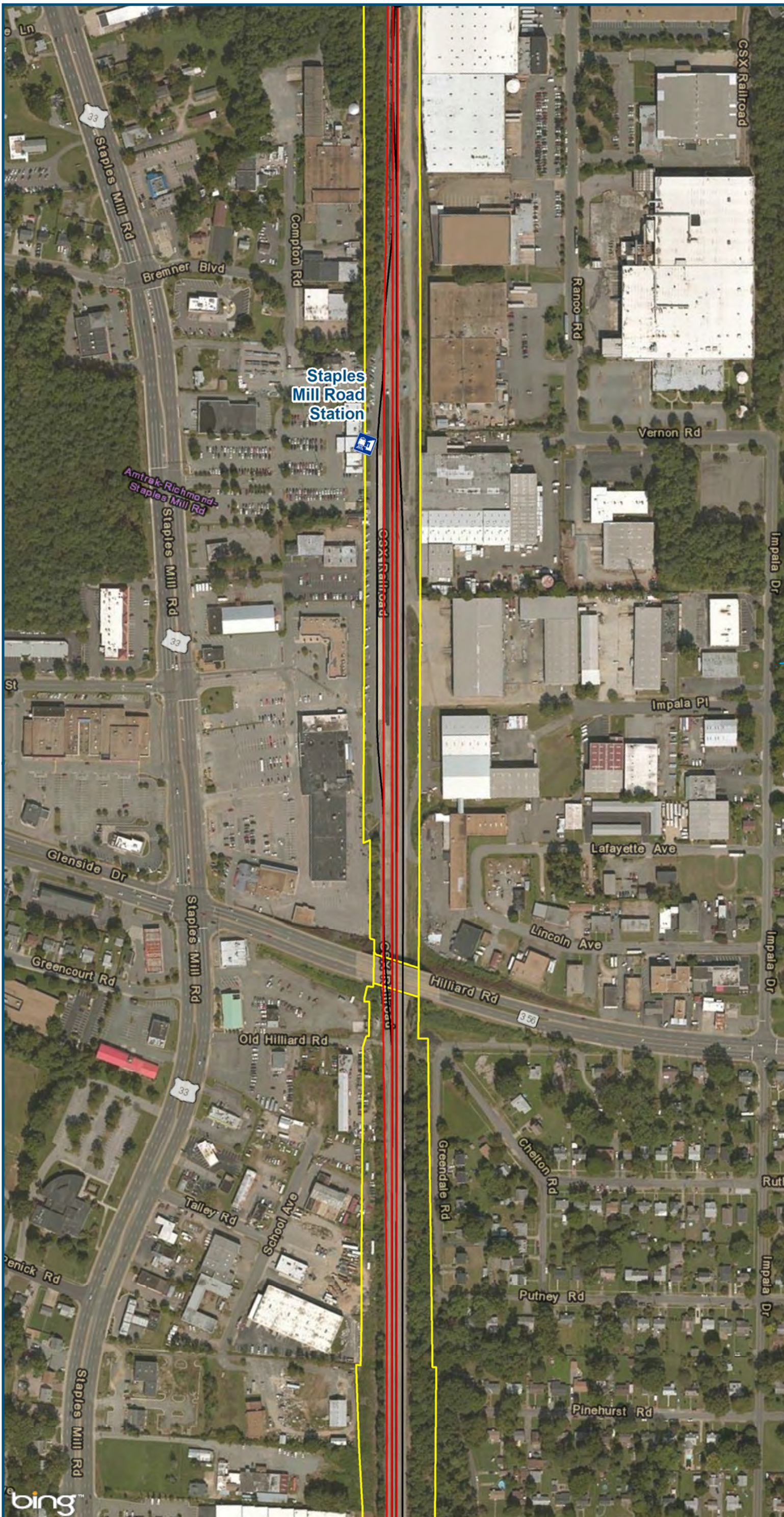
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0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-1
Richmond Segment
Hold Bridges
Alignment Option

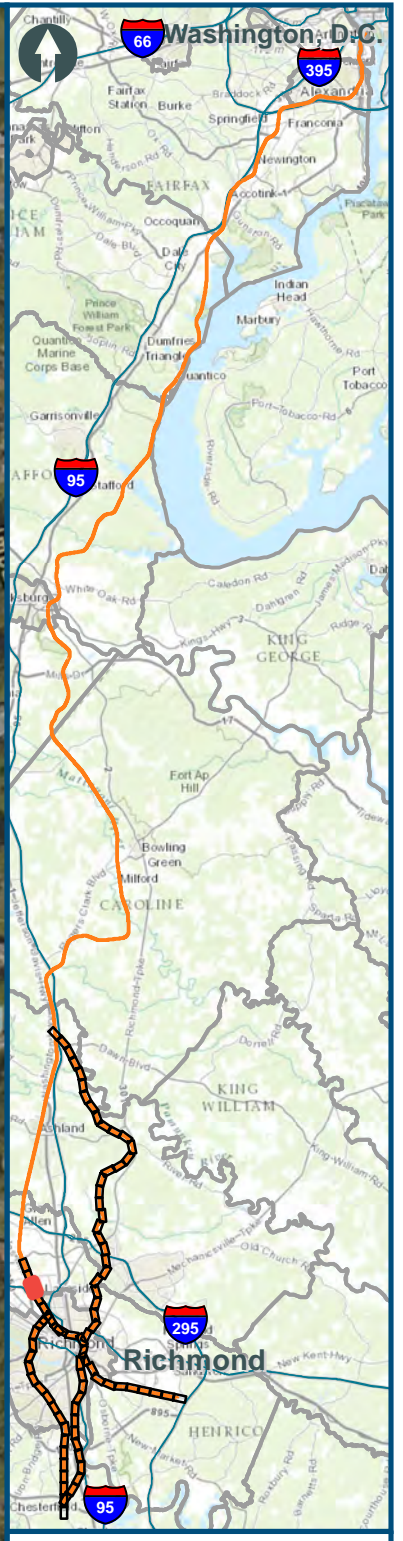
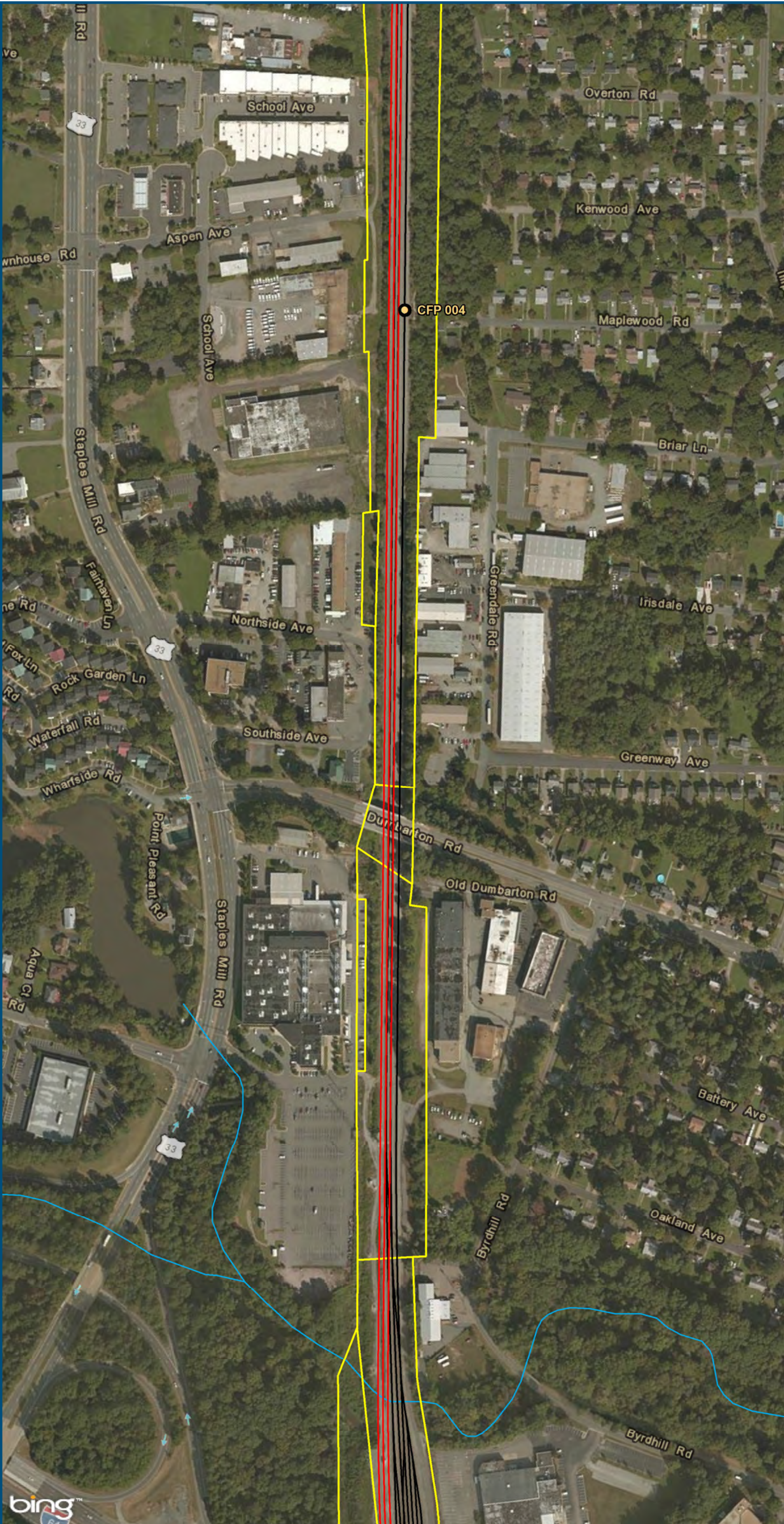


- Legend**
-  Amtrak Station
 -  CSXT Mileposts
 -  New Track
 -  Existing Track
 -  CSXT Right-of-Way
 -  Streams

**Figure Y-2
Richmond Segment
Hold Bridges
Alignment Option**

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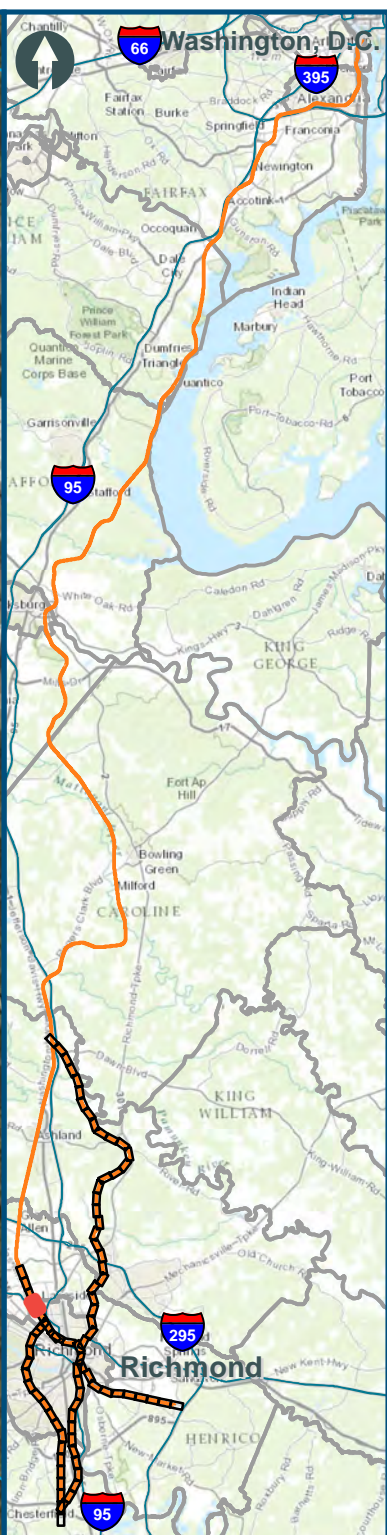
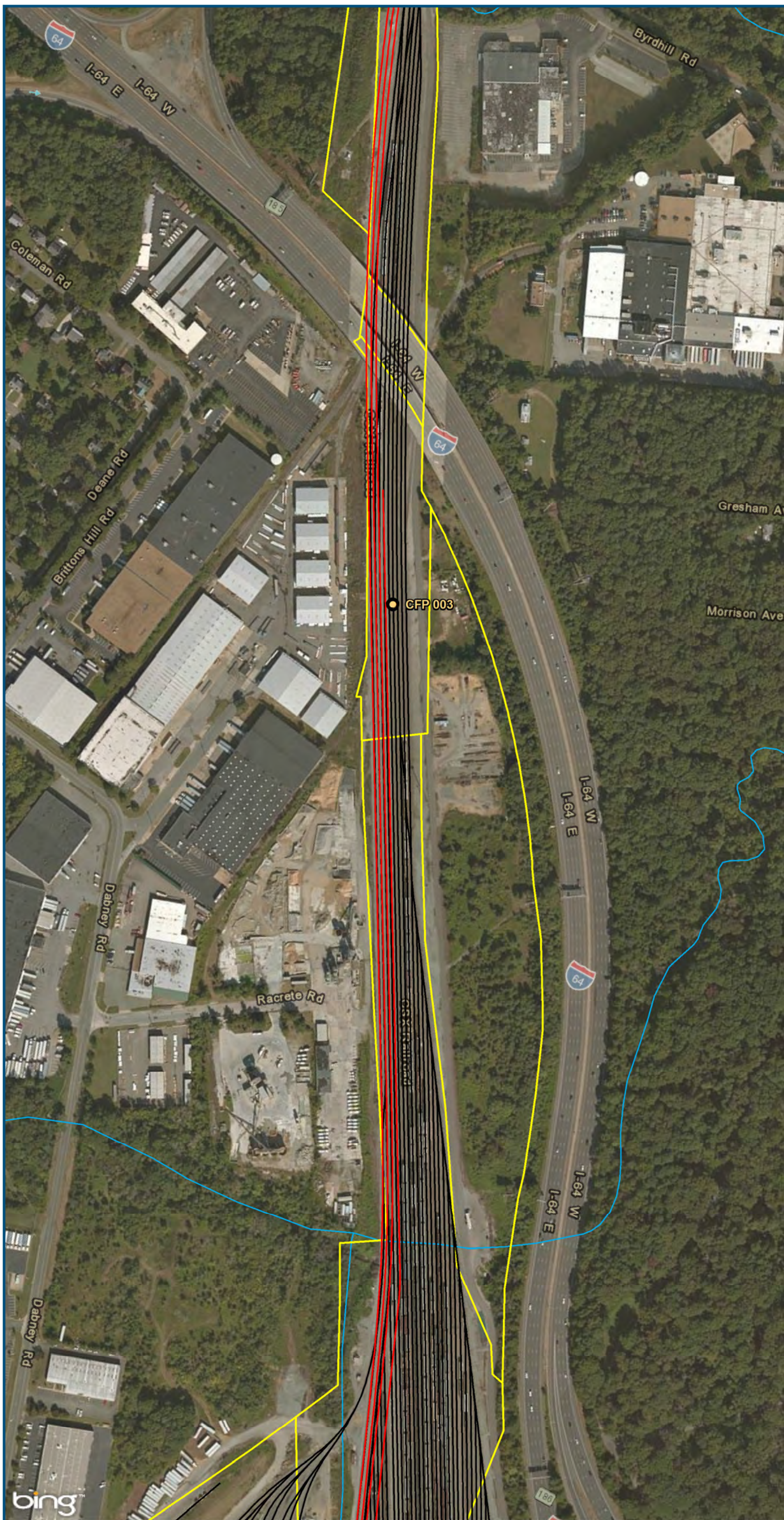


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-3
Richmond Segment
Hold Bridges
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015

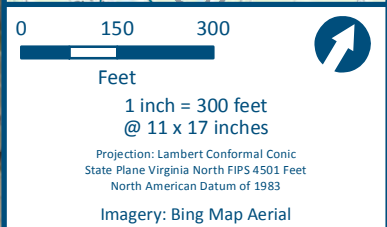
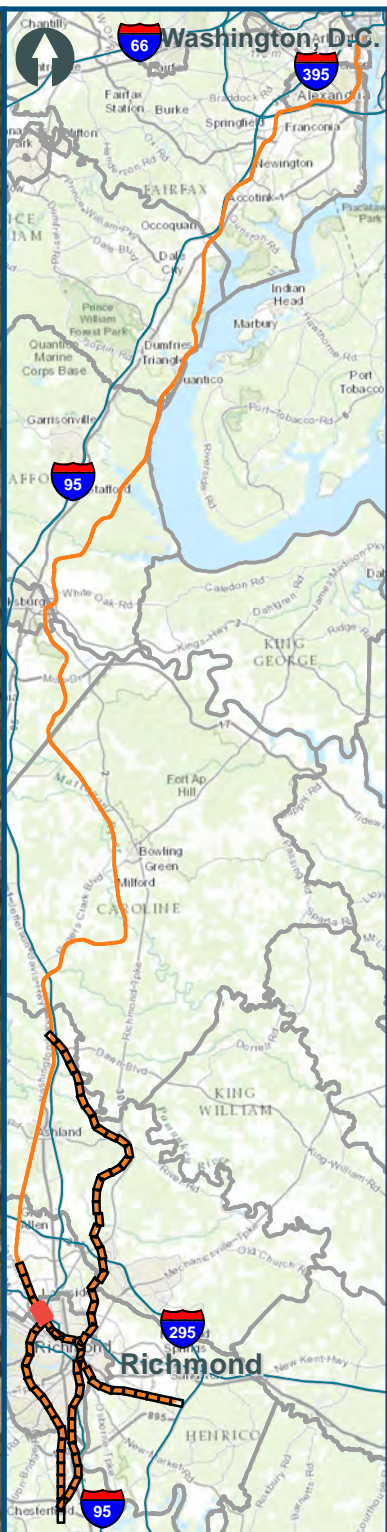
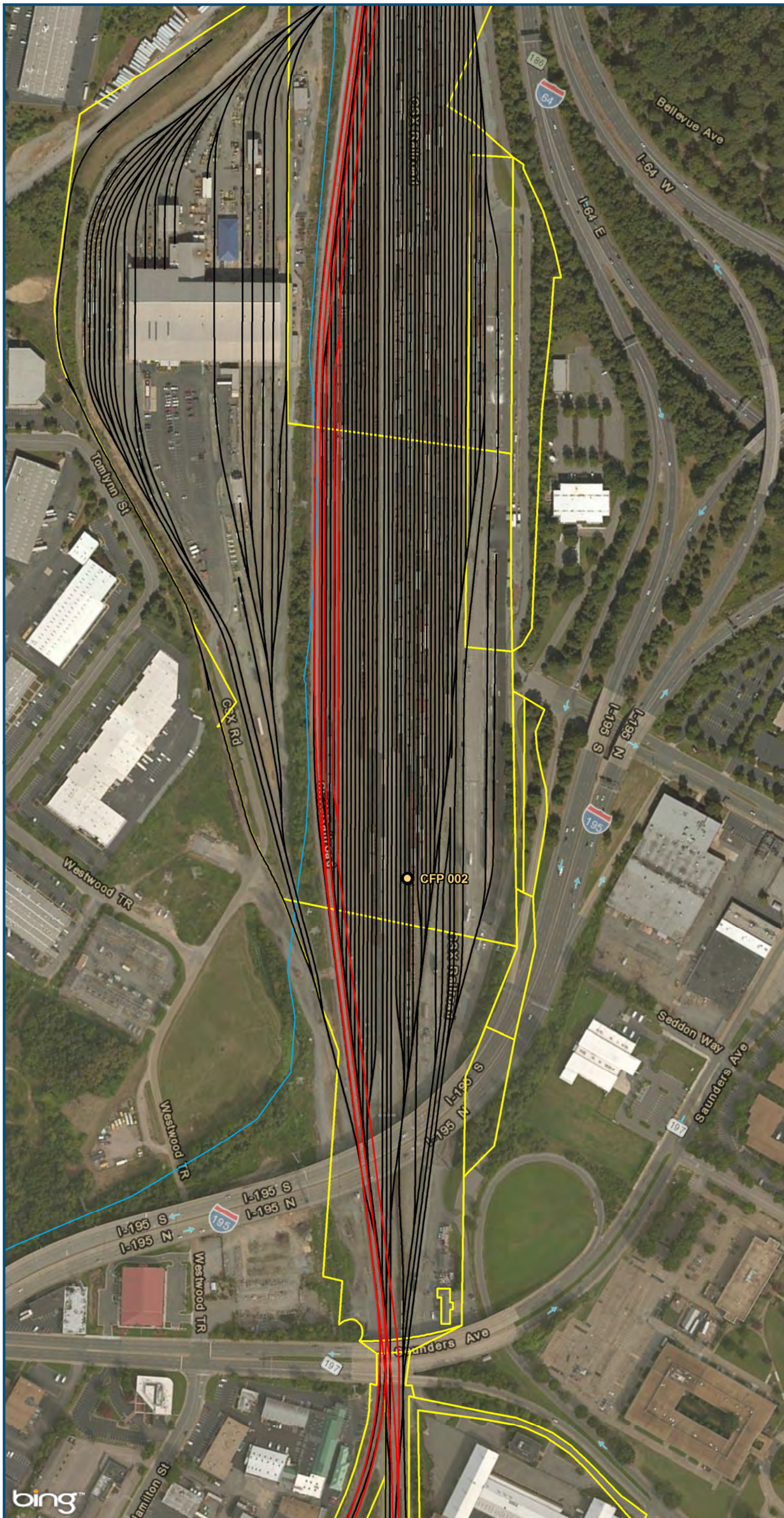


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Y-4
Richmond Segment
Hold Bridges
Alignment Option

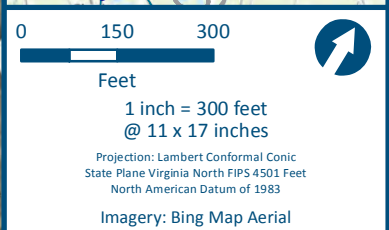
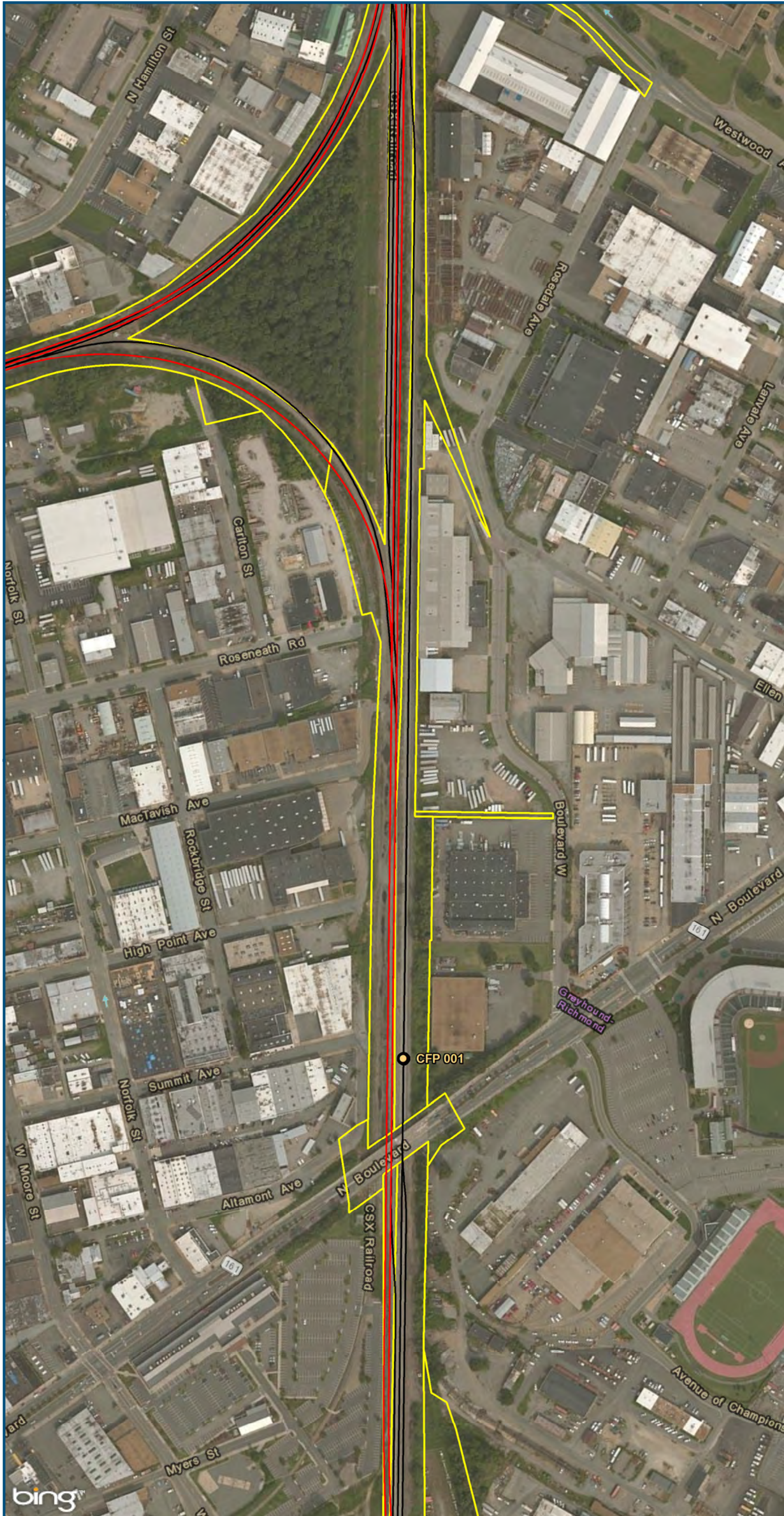
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-5
Richmond Segment
Hold Bridges
Alignment Option

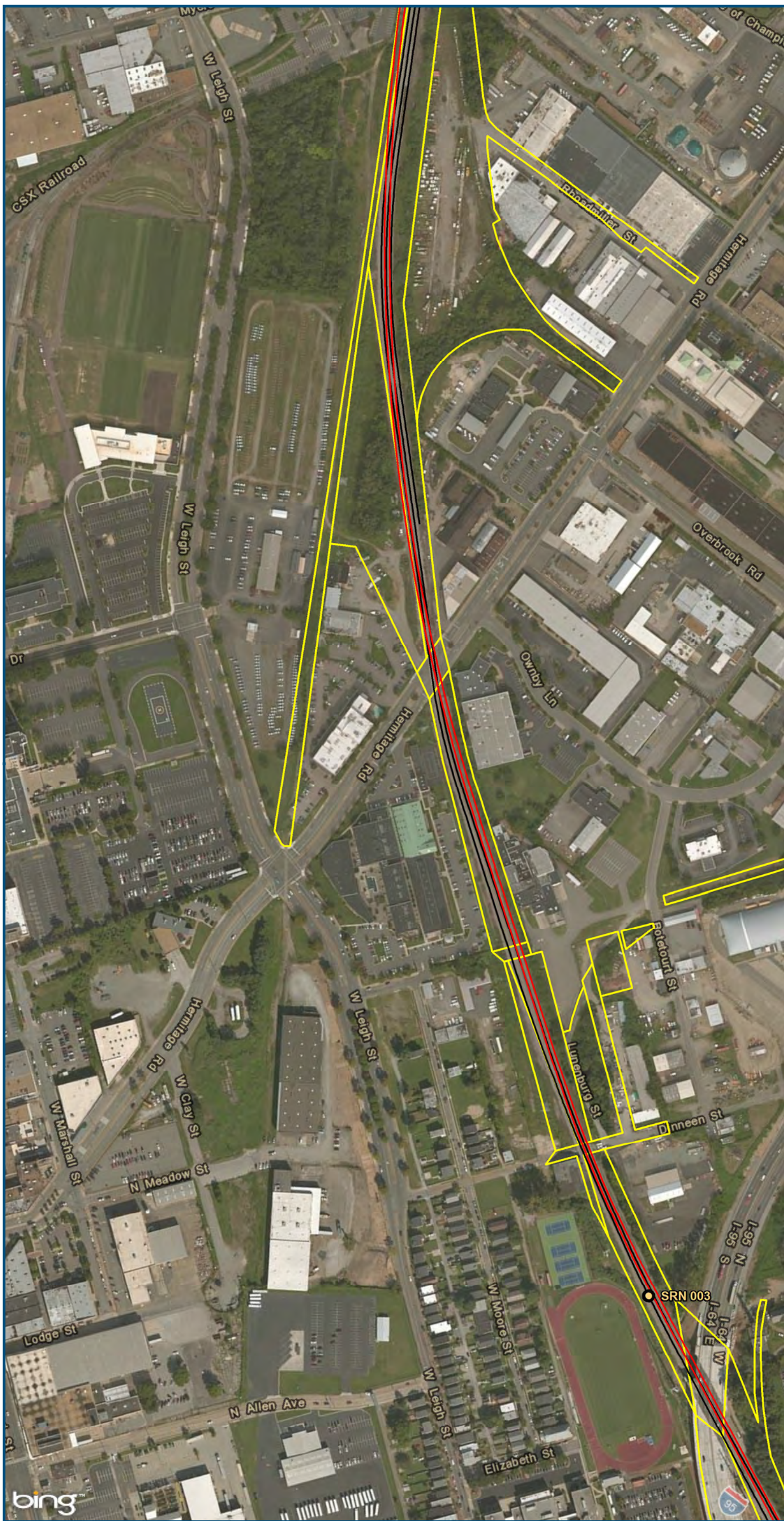
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way

Figure Y-6
Richmond Segment
Hold Bridges
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepot\RailPublicTransportation\0239056_RAPS-4\Dev-Concept\Eng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015

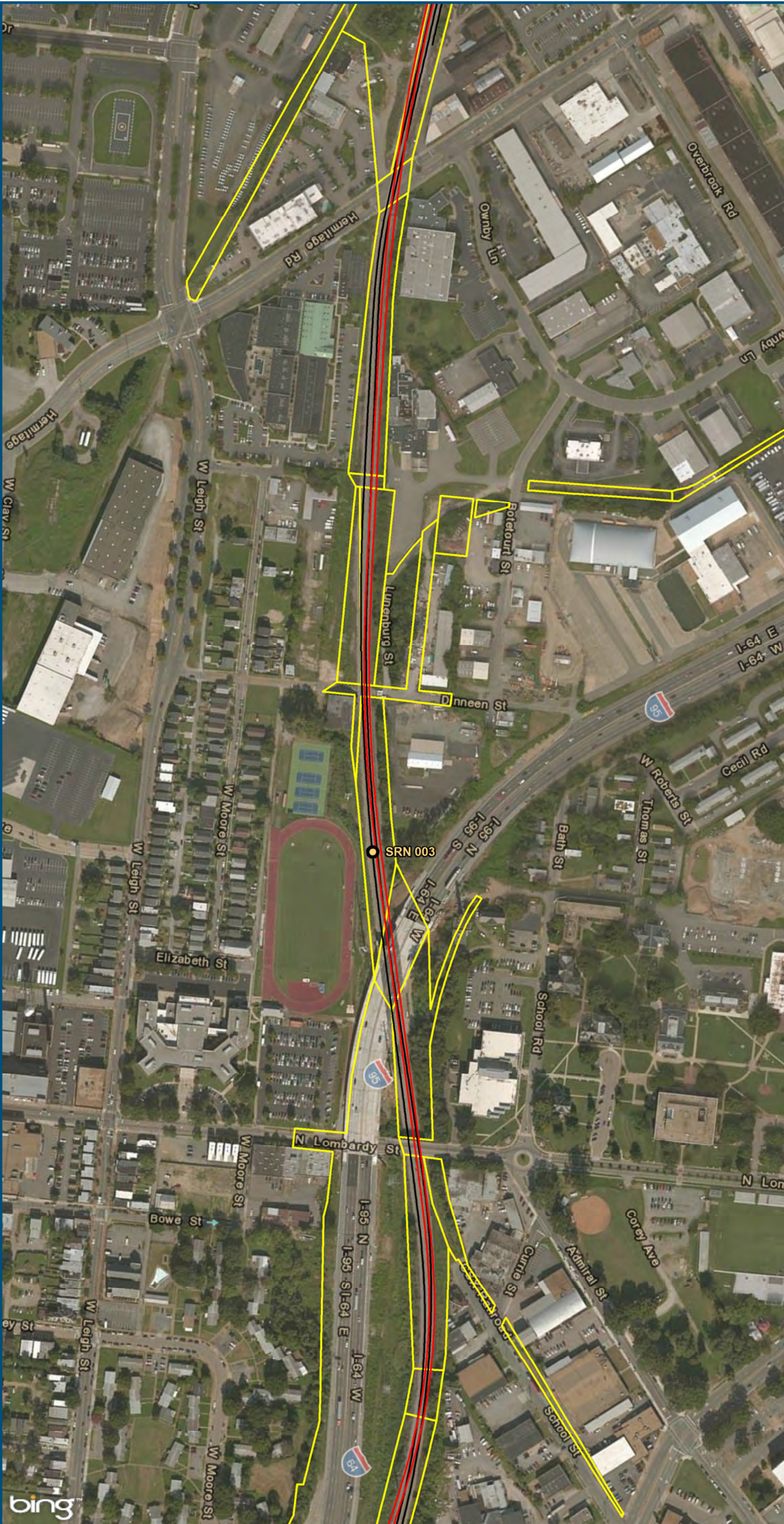


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 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Y-7
Richmond Segment
Hold Bridges
Alignment Option

\\citsmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015

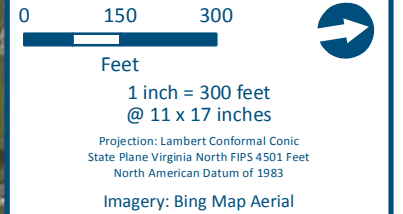
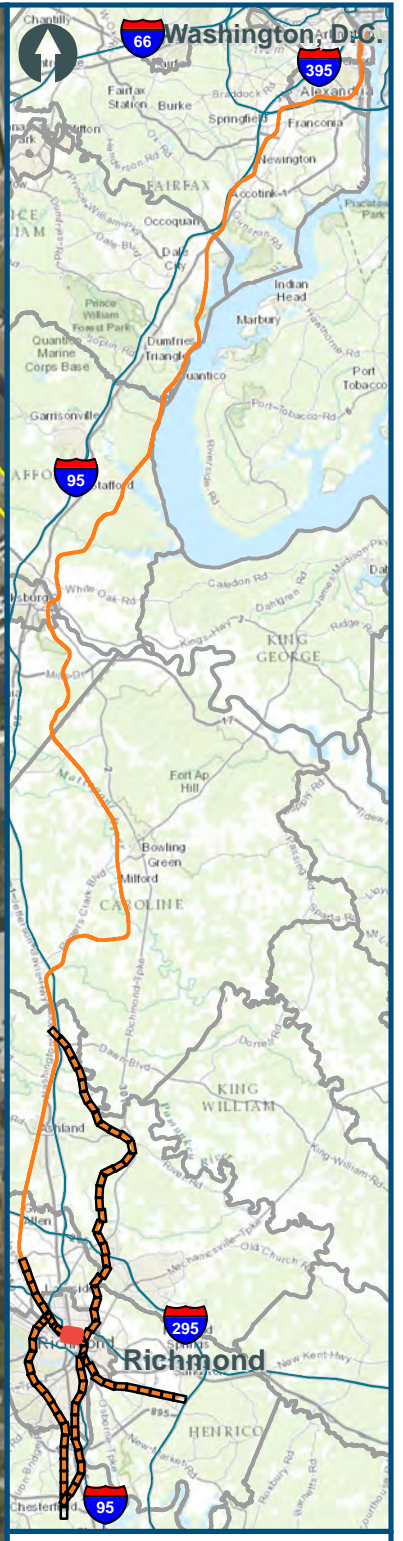
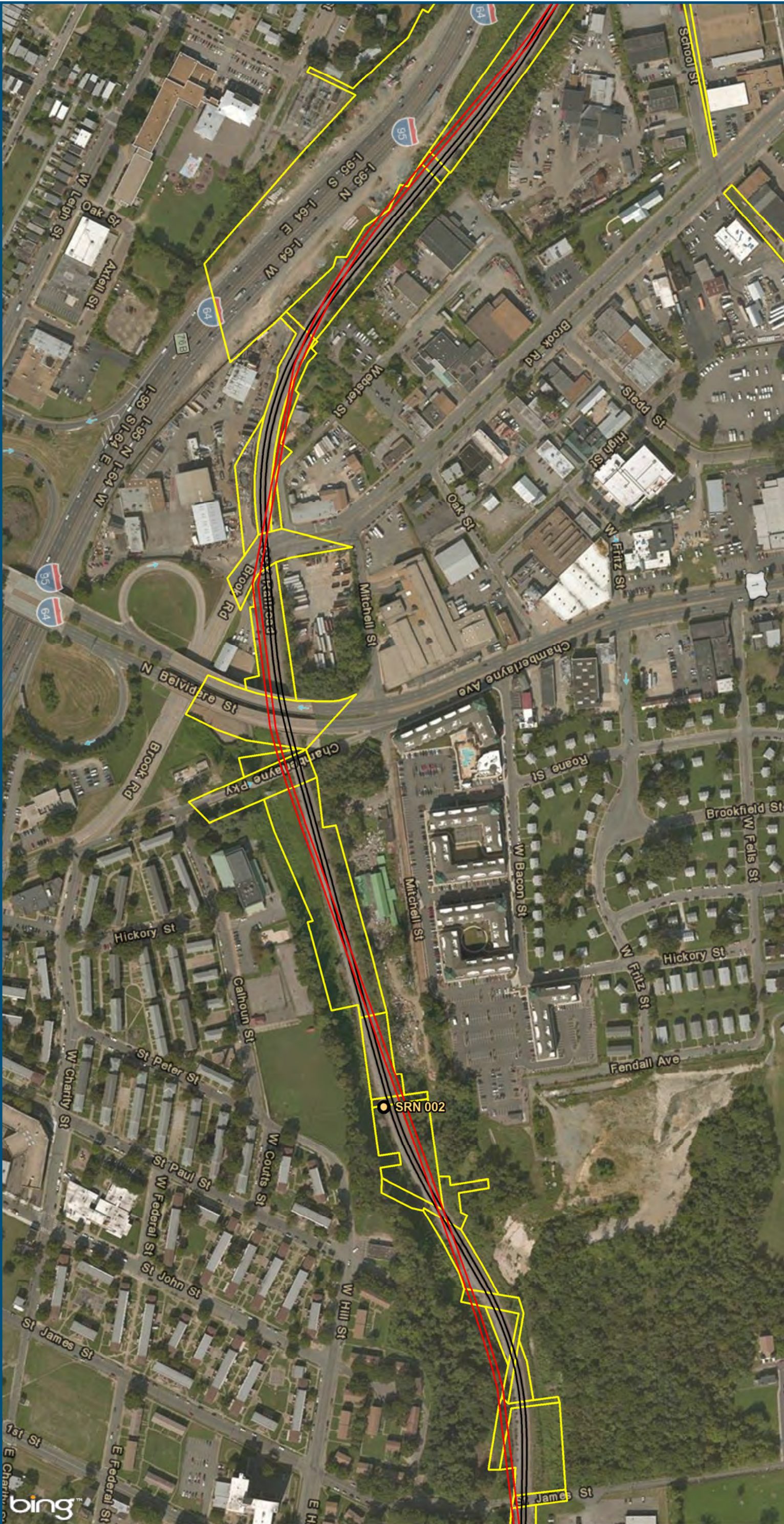


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-8
Richmond Segment
Hold Bridges
Alignment Option

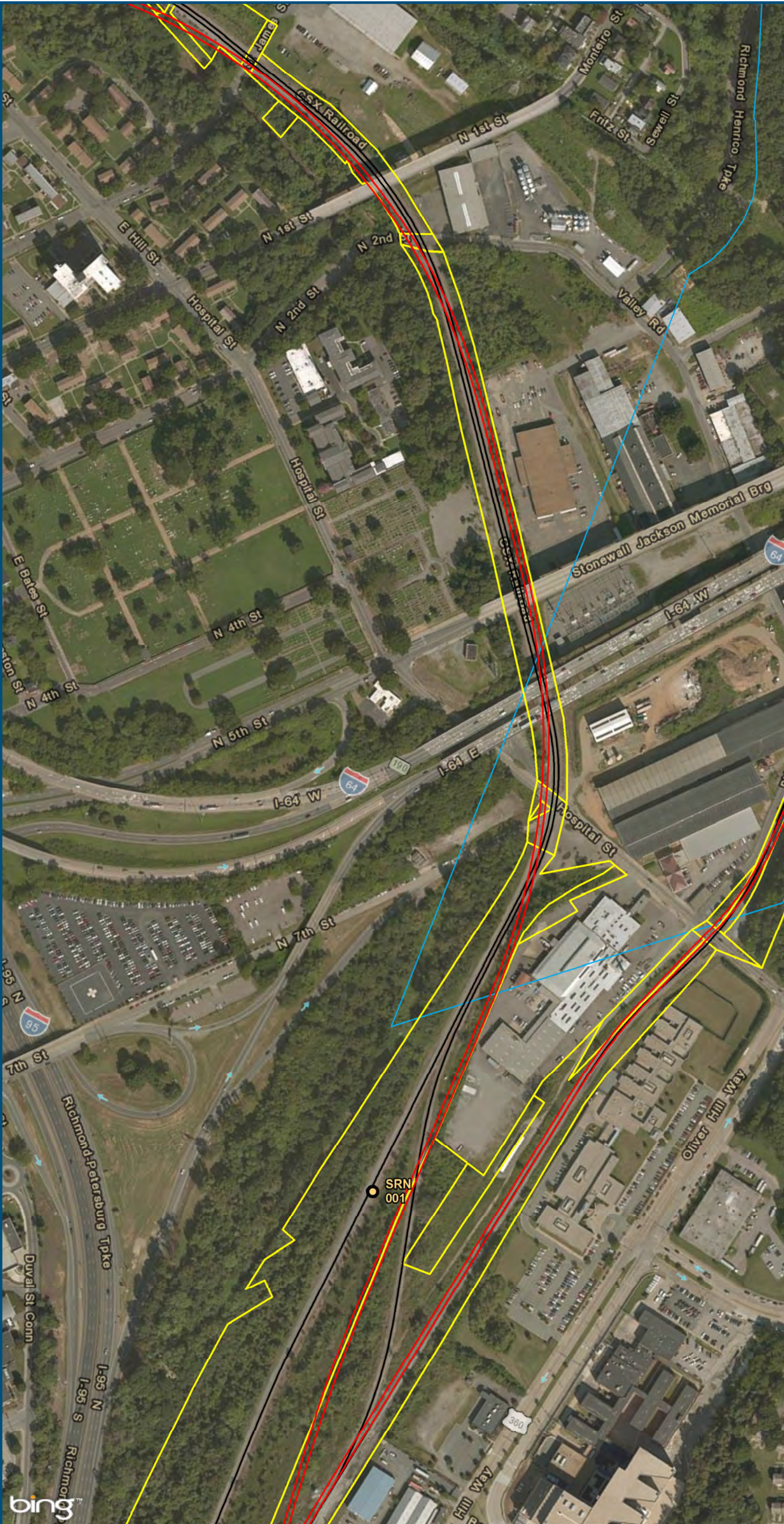
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way

Figure Y-9
Richmond Segment
Hold Bridges
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
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-10
Richmond Segment
Hold Bridges
Alignment Option

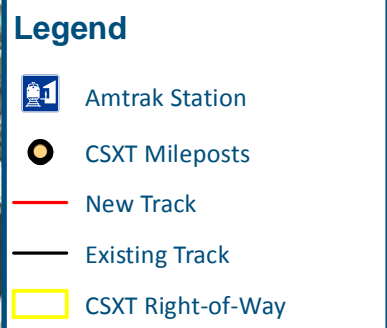
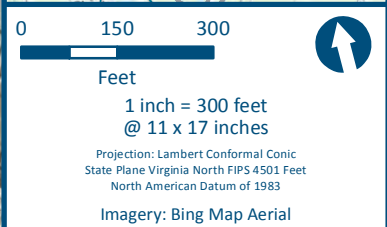
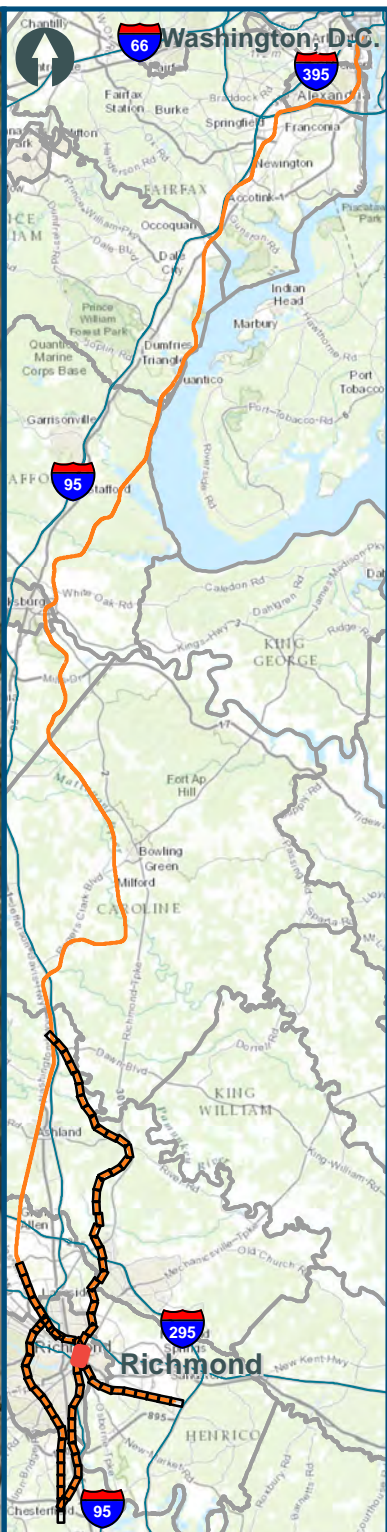
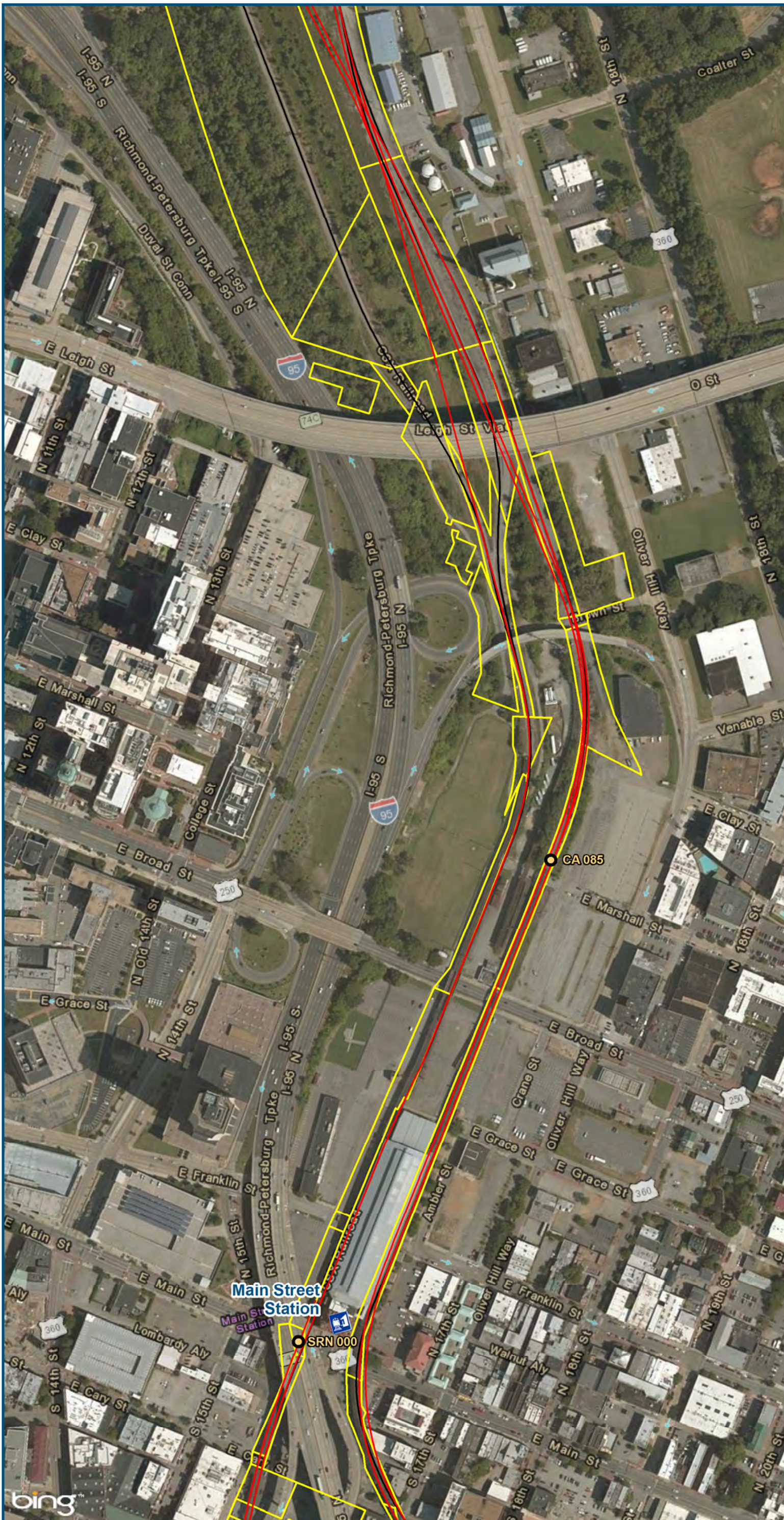


Figure Y-11
Richmond Segment
Hold Bridges
Alignment Option

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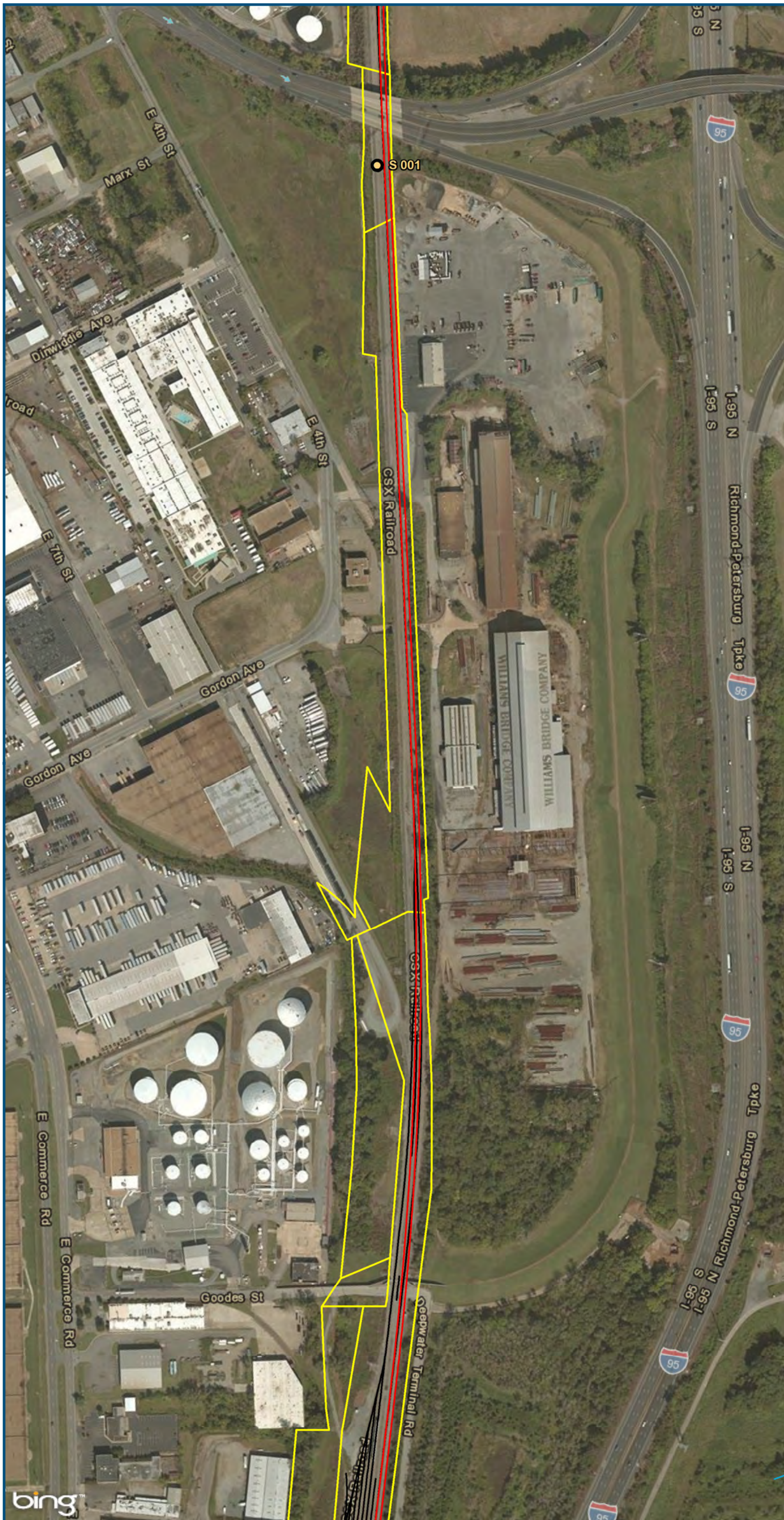


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 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Y-12
Richmond Segment
Hold Bridges
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotRailPublicTransportation\0239056_RAPS-4AllDev-ConceptEngMap_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015



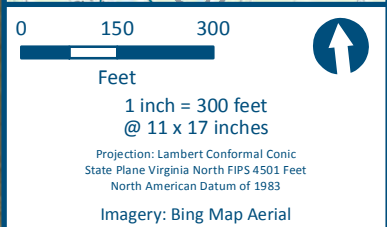
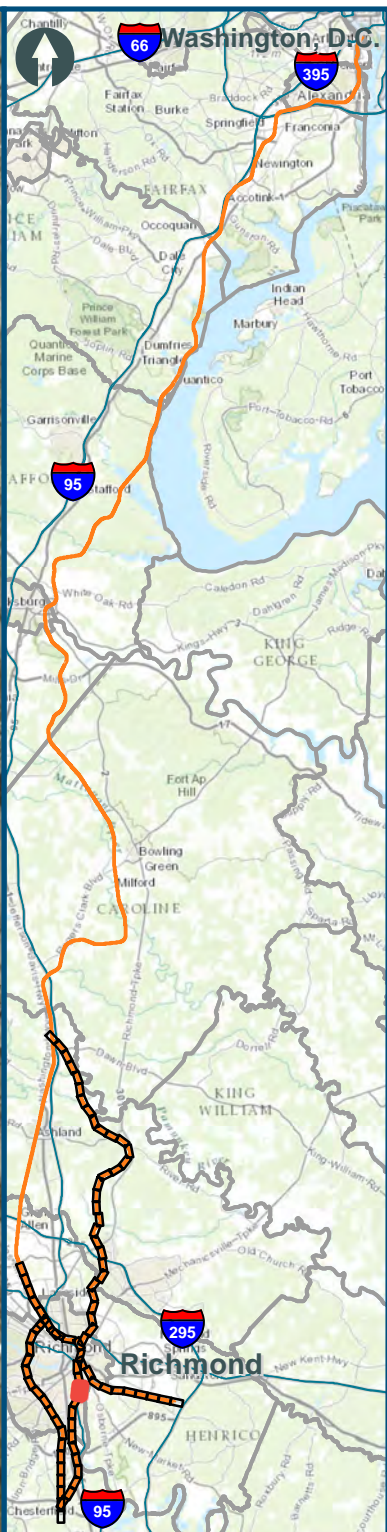
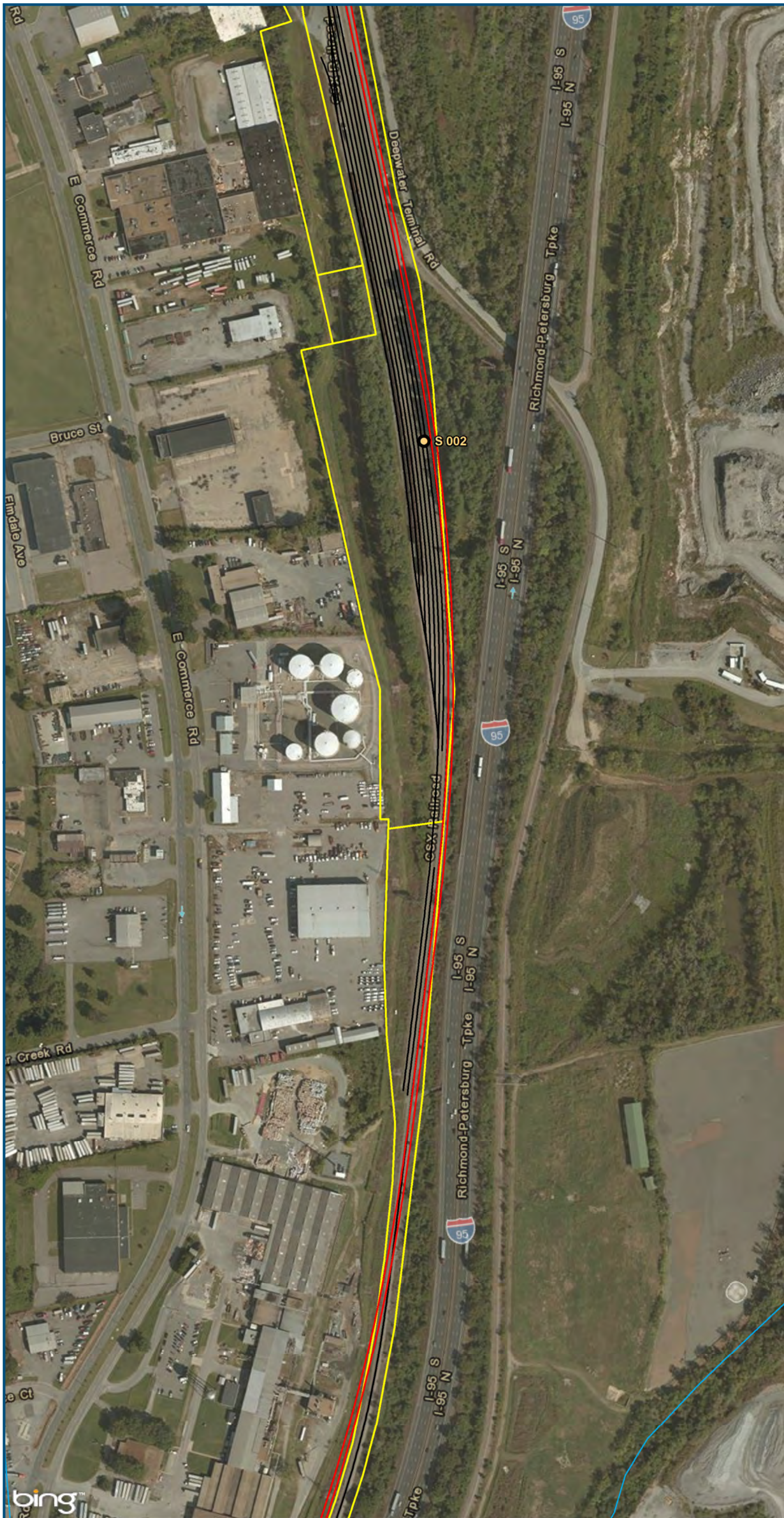
0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Y-13
Richmond Segment
Hold Bridges
Alignment Option

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Legend






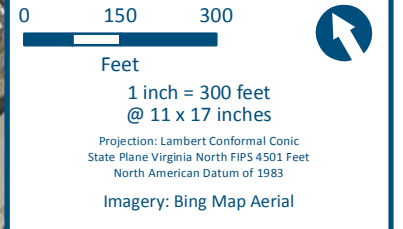
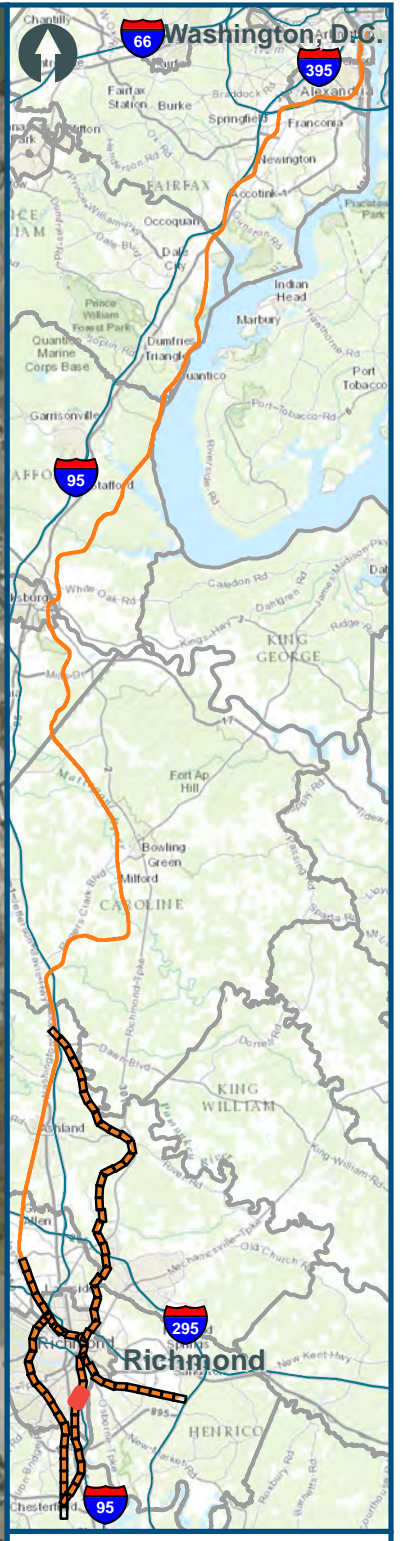
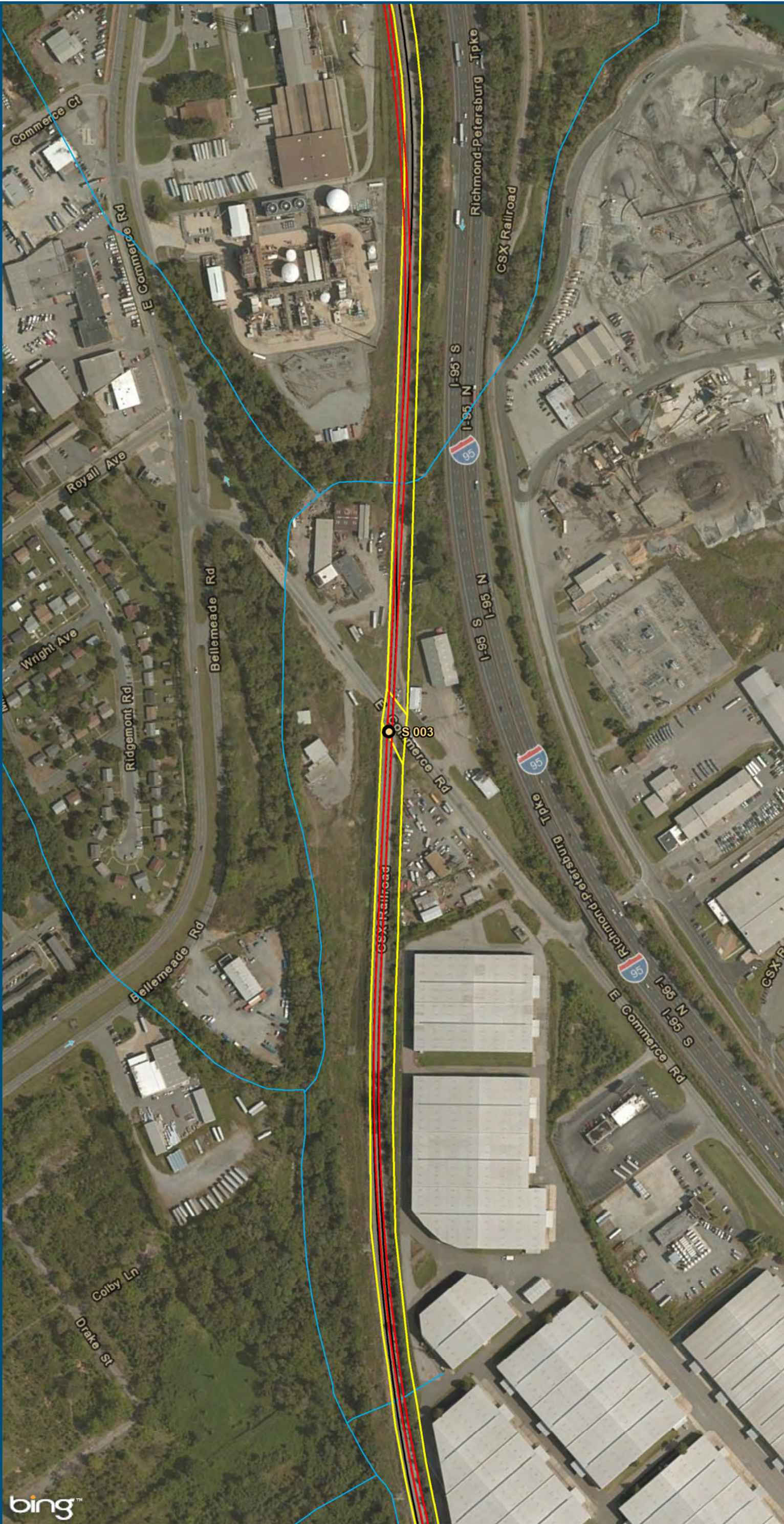
-  CSXT Mileposts
-  New Track
-  Existing Track
-  CSXT Right-of-Way
-  Streams

Figure Y-14
Richmond Segment
Hold Bridges
Alignment Option

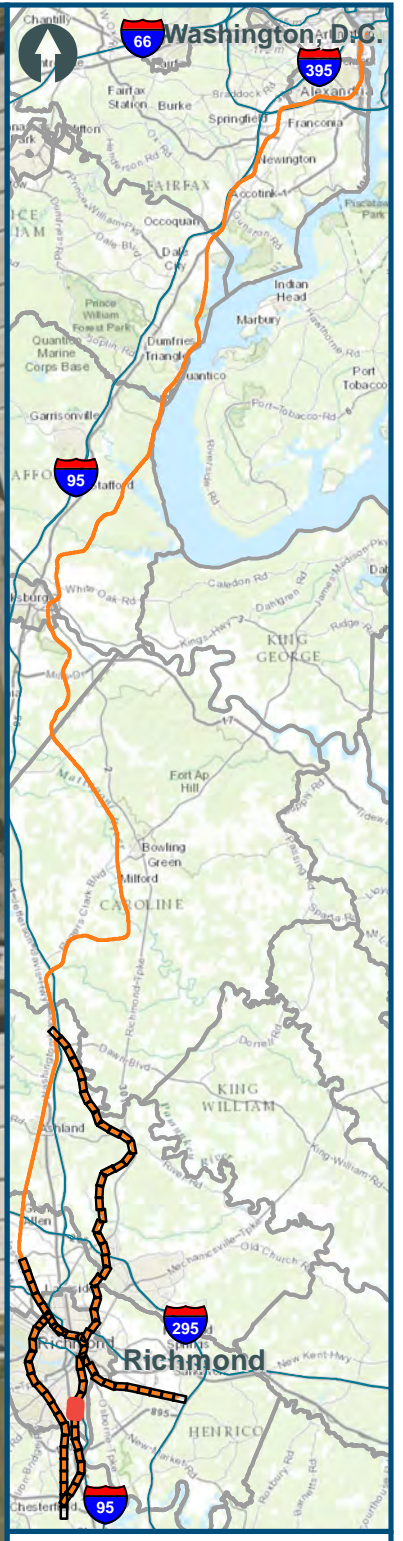
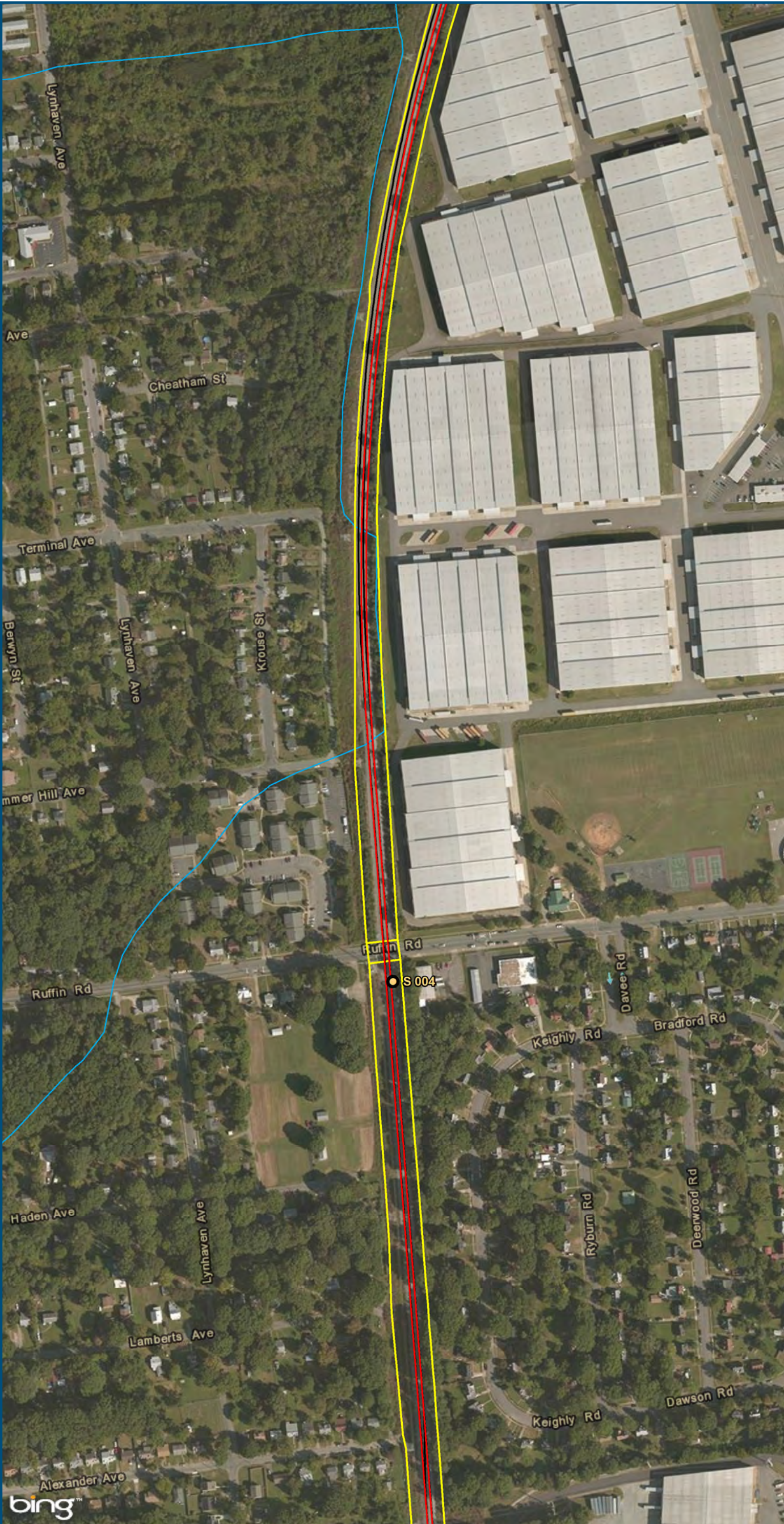
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-15
Richmond Segment
Hold Bridges
Alignment Option

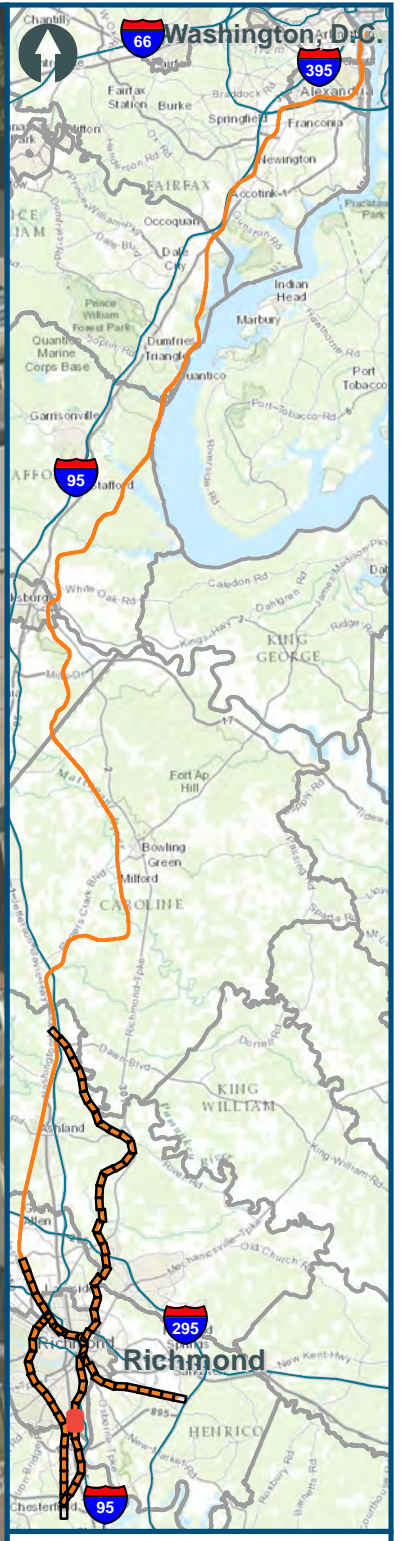
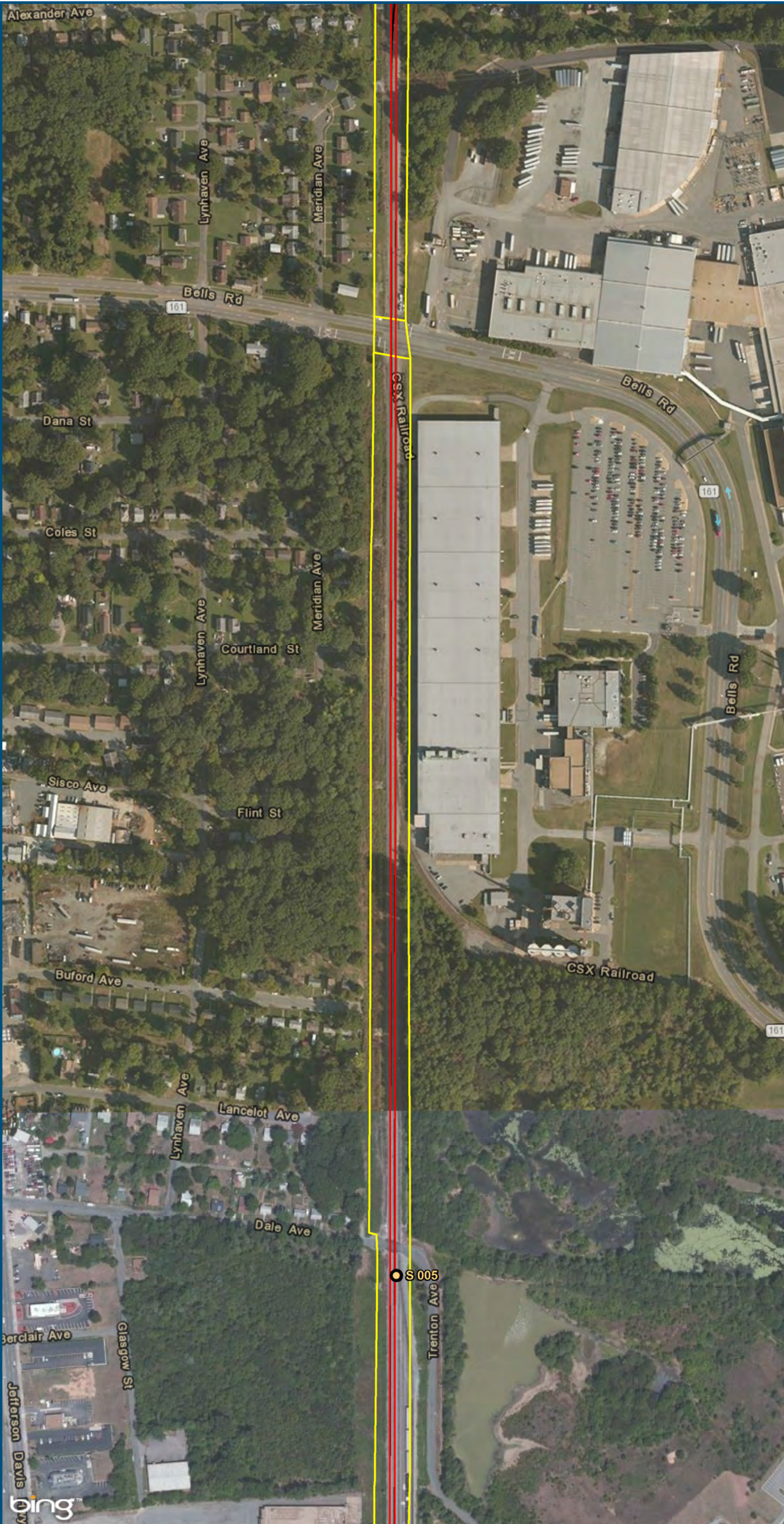
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0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-16
Richmond Segment
Hold Bridges
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

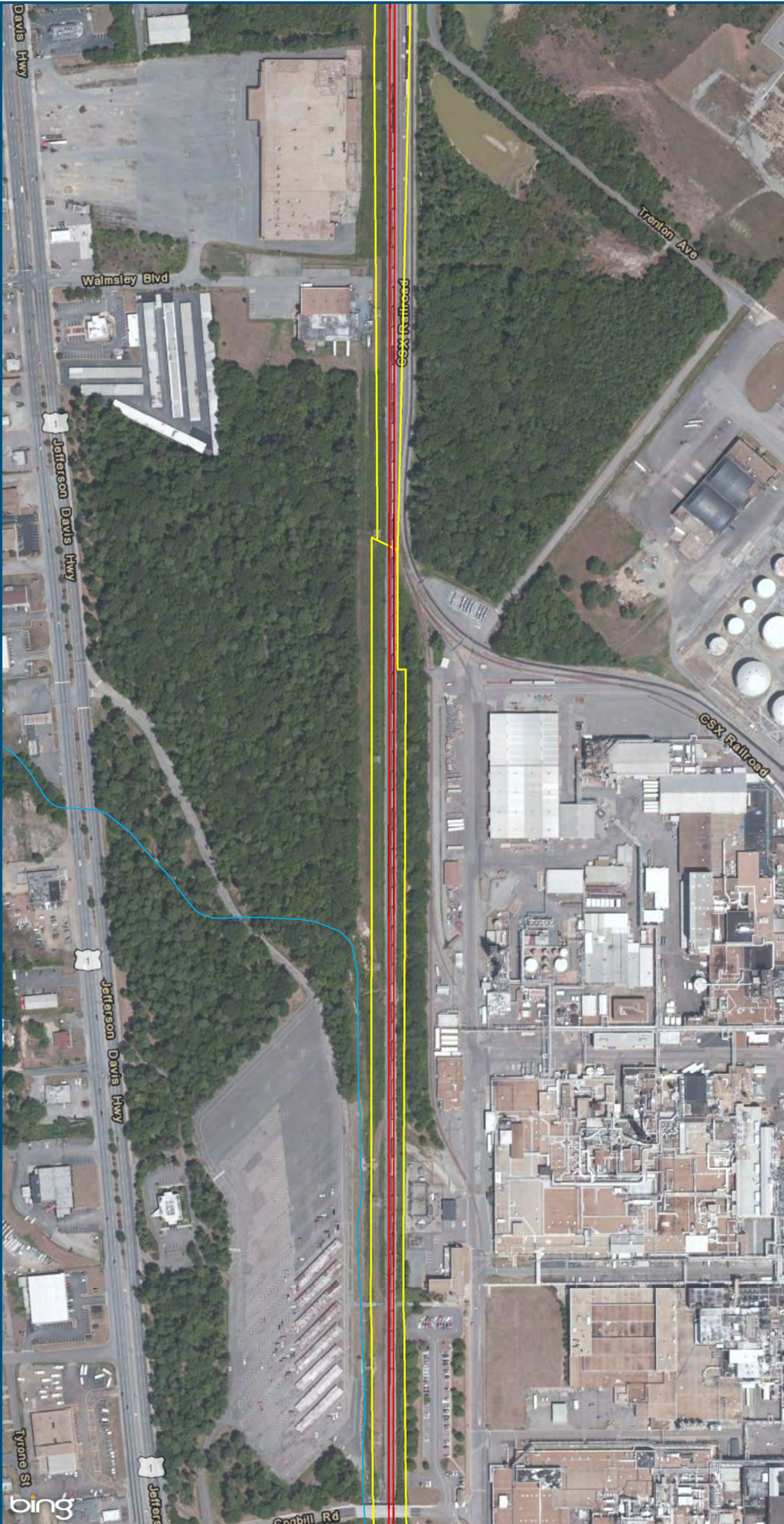
Legend

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

Figure Y-17
Richmond Segment
Hold Bridges
Alignment Option

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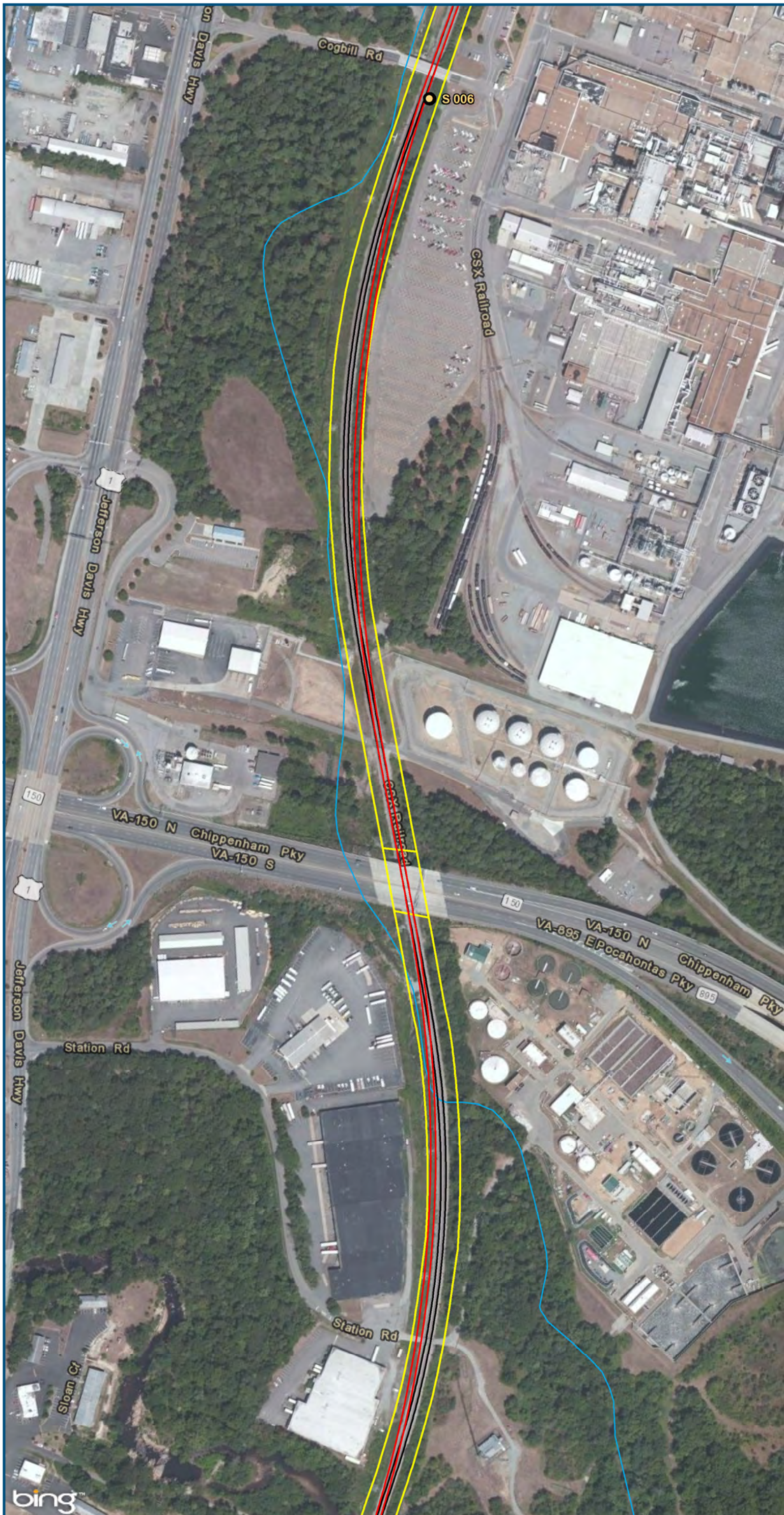
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0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-18
Richmond Segment
Hold Bridges
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
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-19
Richmond Segment
Hold Bridges
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_VADepotofRails-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015

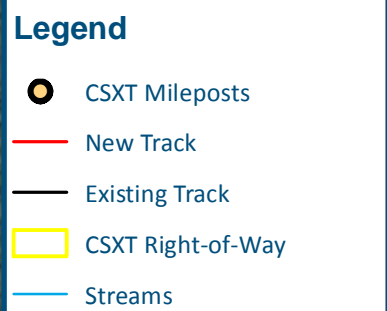
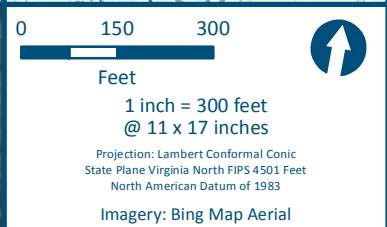
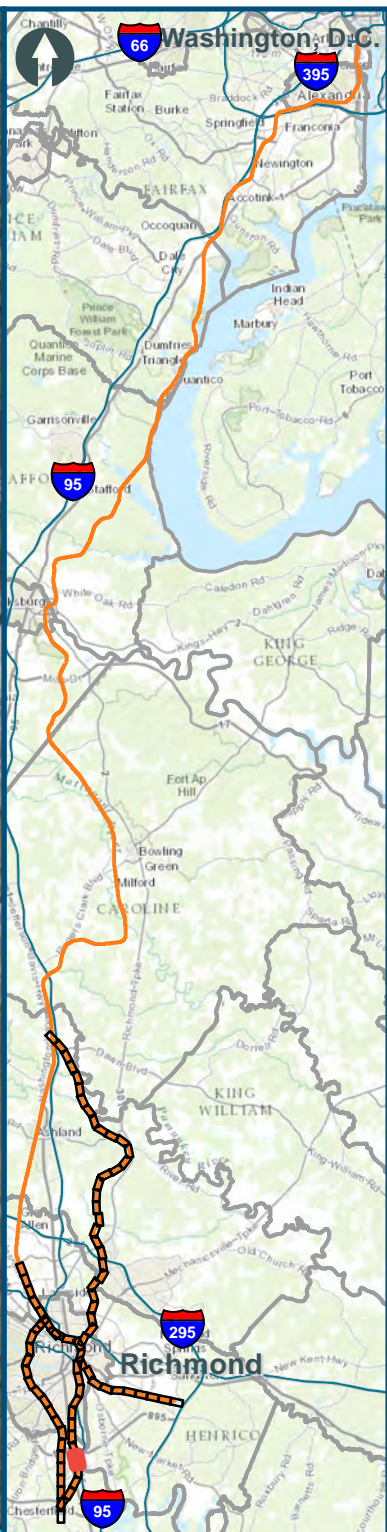
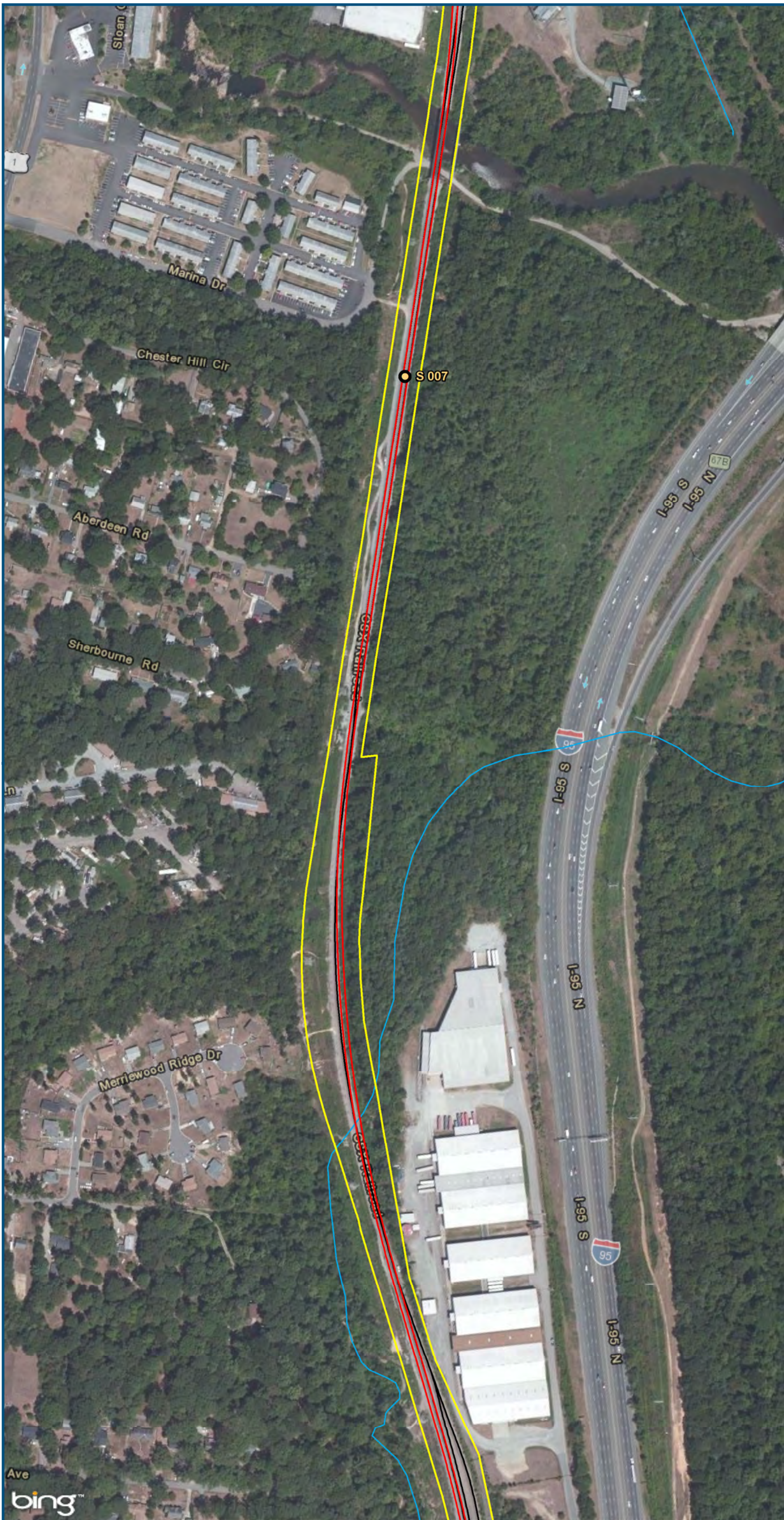


Figure Y-20
Richmond Segment
Hold Bridges
Alignment Option

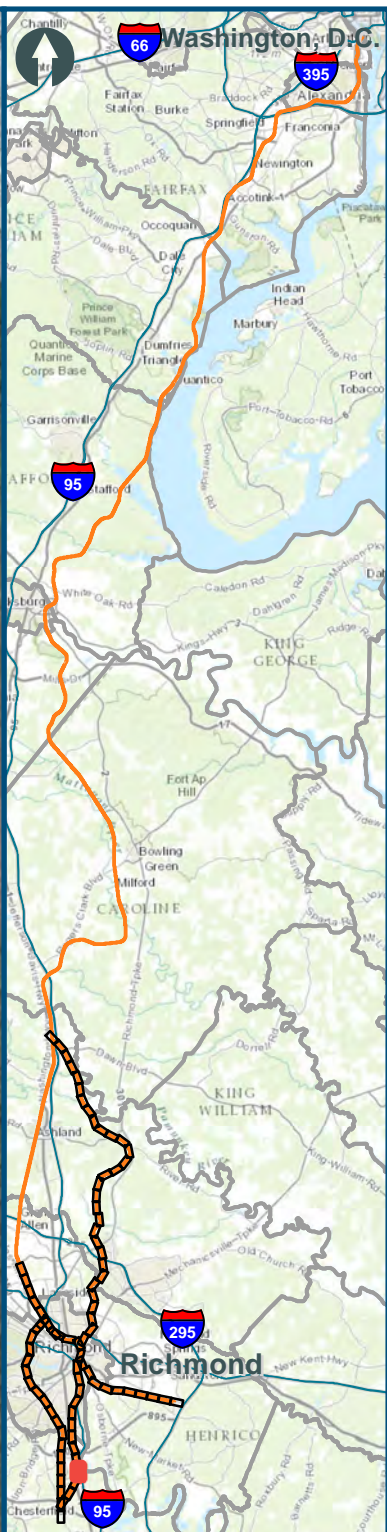
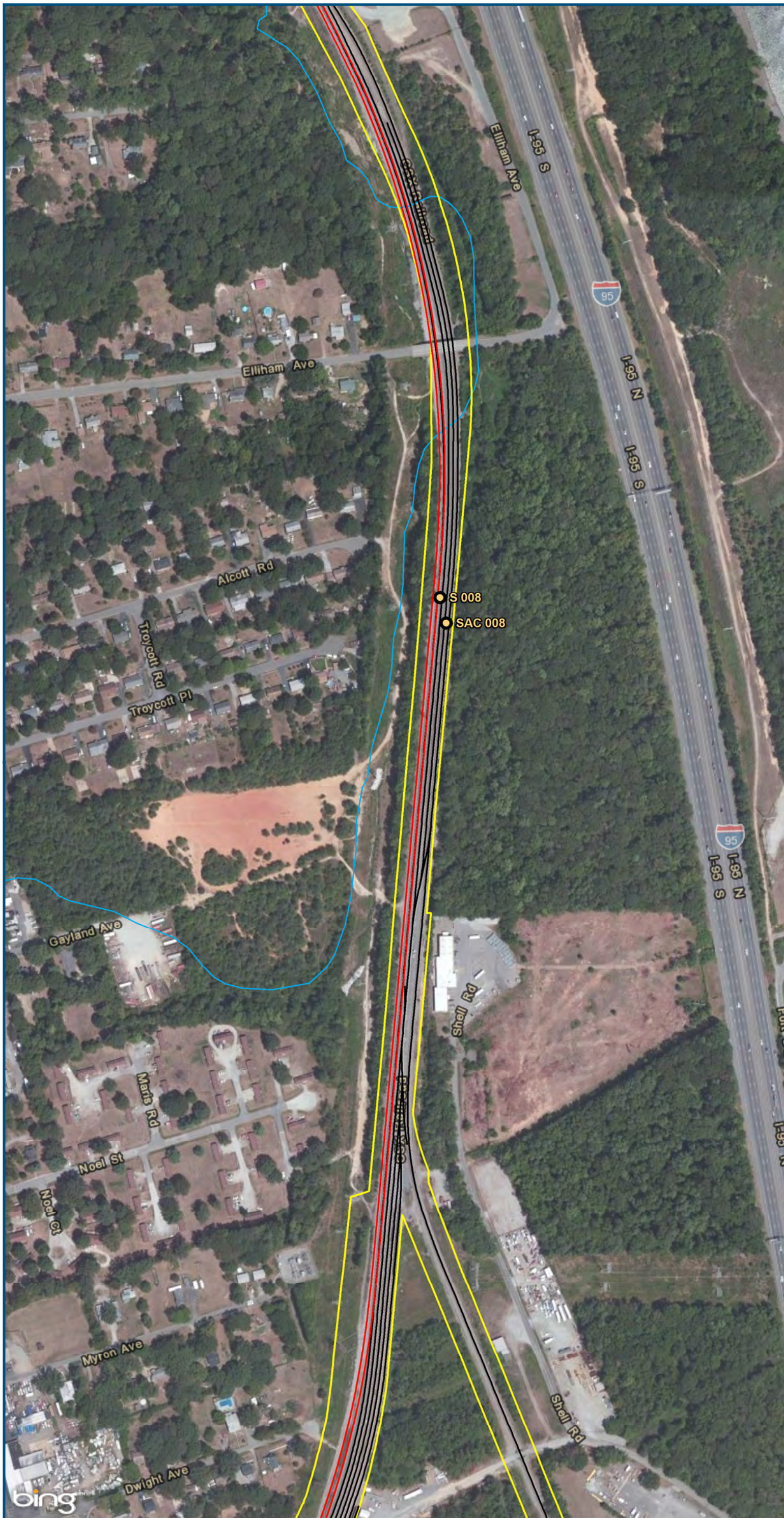
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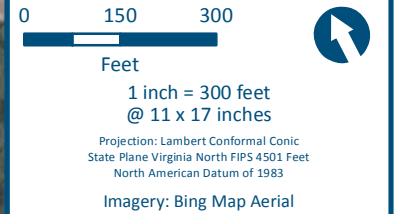
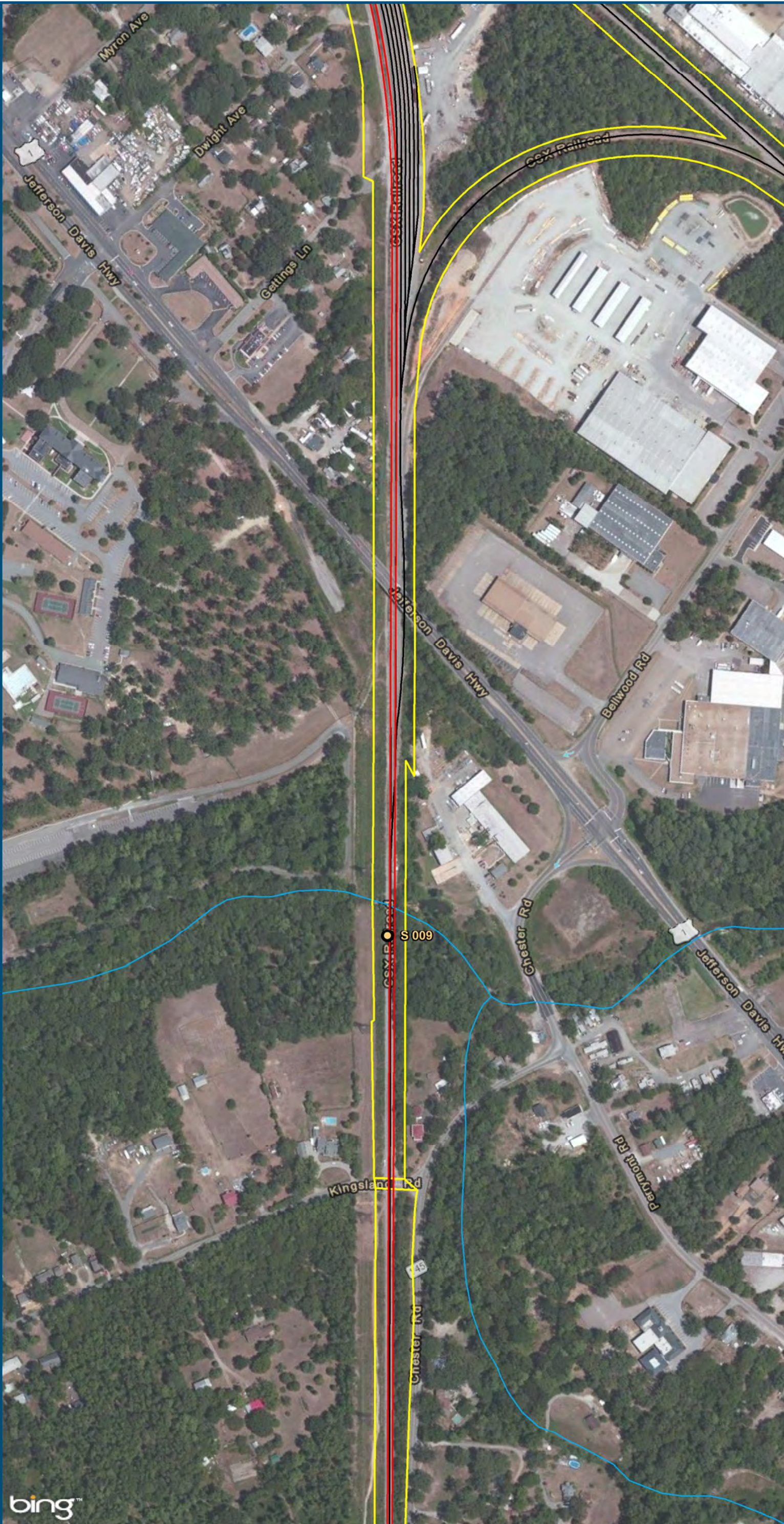
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 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

Legend

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

Figure Y-21
Richmond Segment
Hold Bridges
Alignment Option

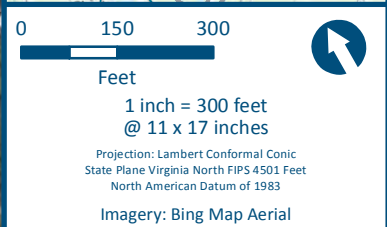
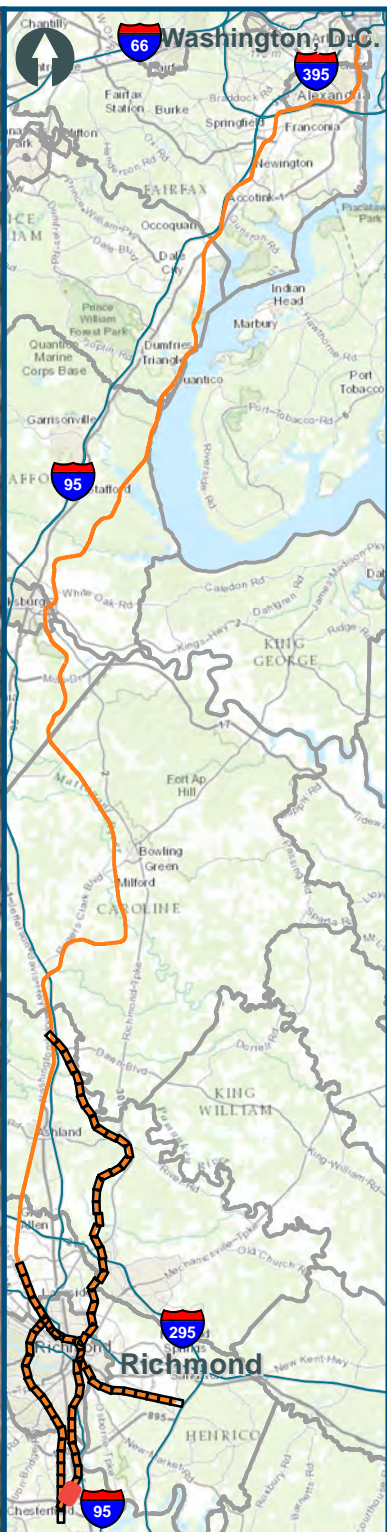
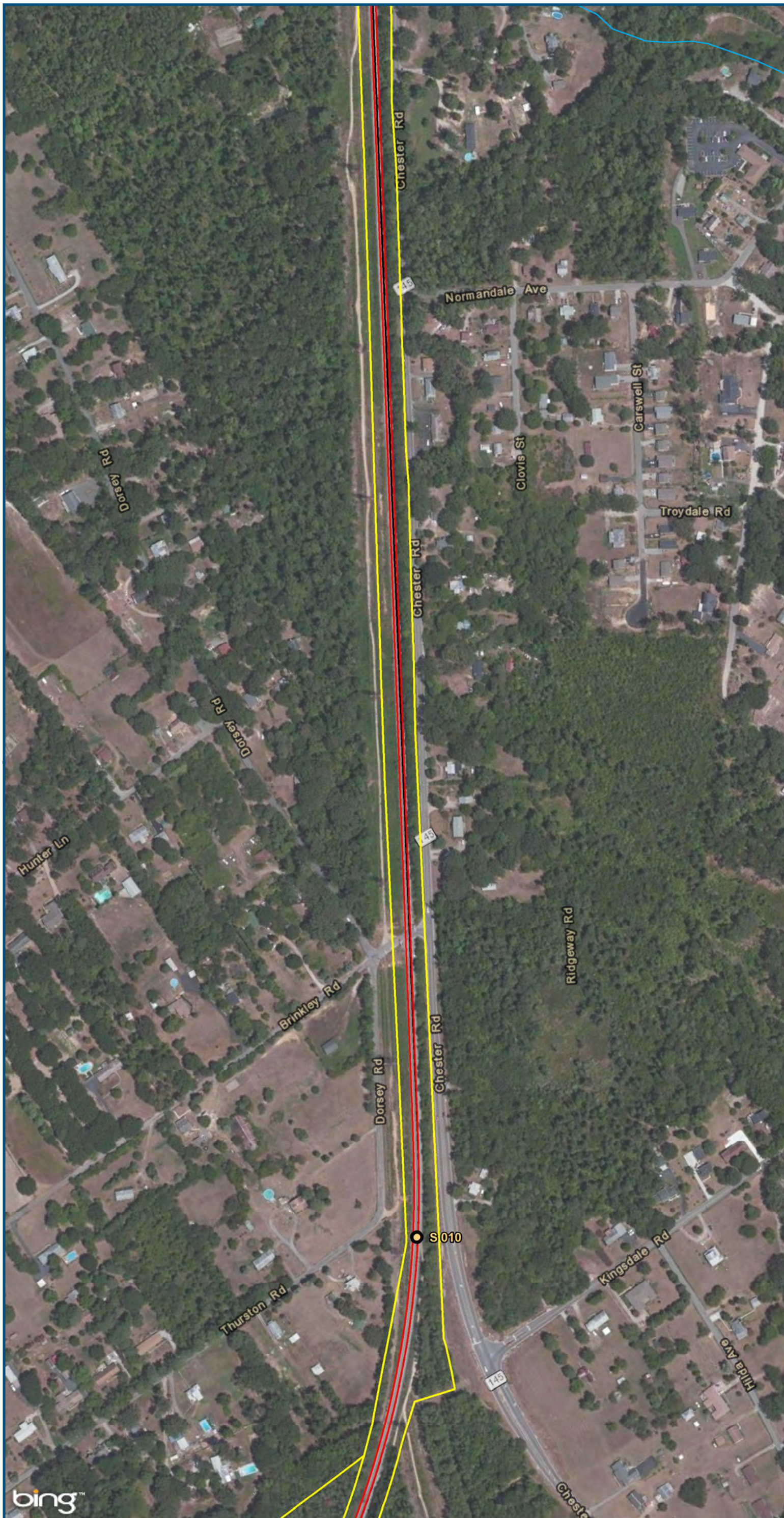
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-22
Richmond Segment
Hold Bridges
Alignment Option

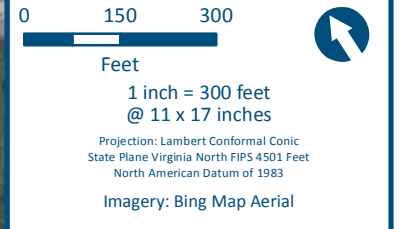
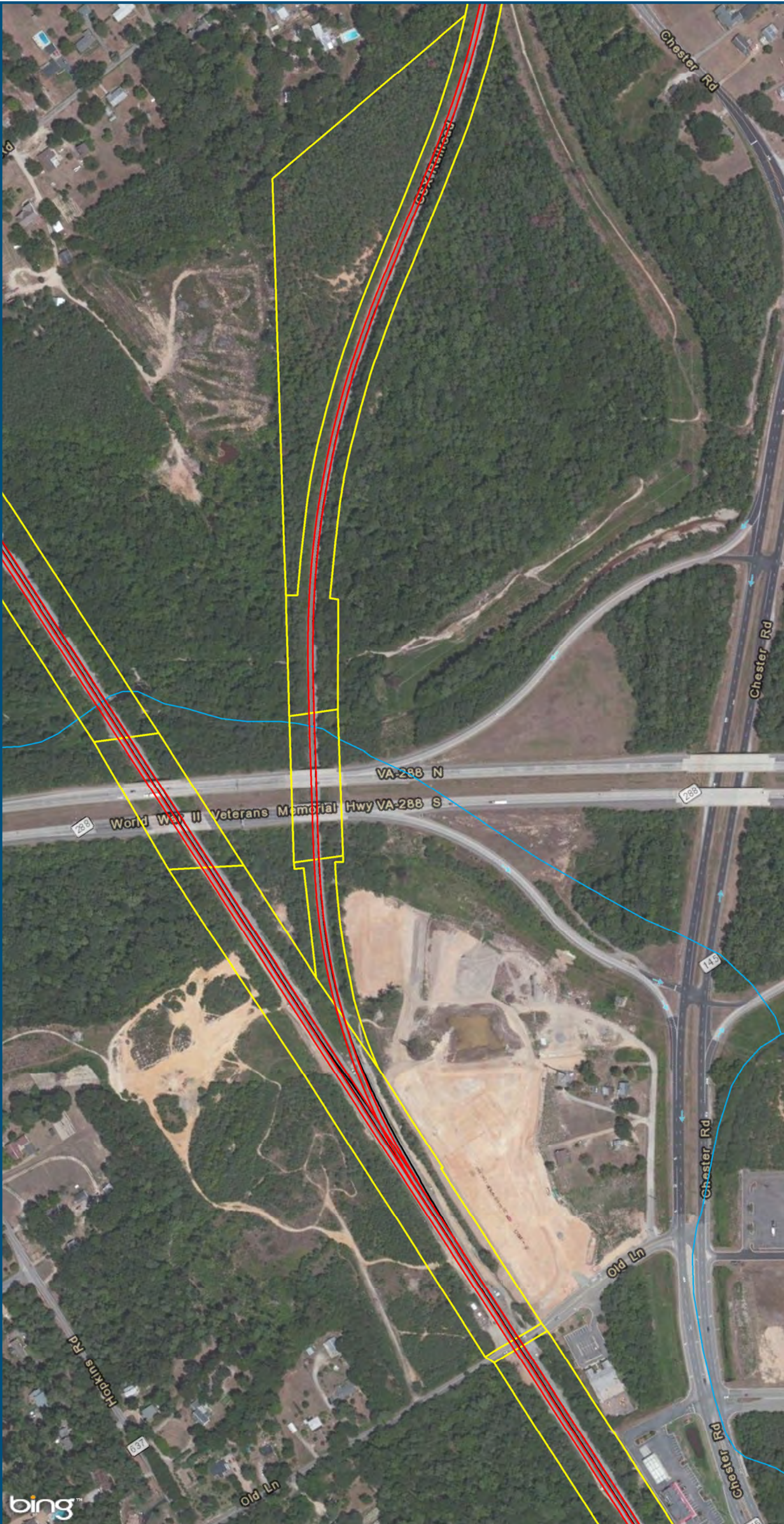
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-23
Richmond Segment
Hold Bridges
Alignment Option

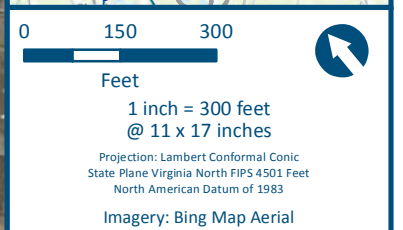
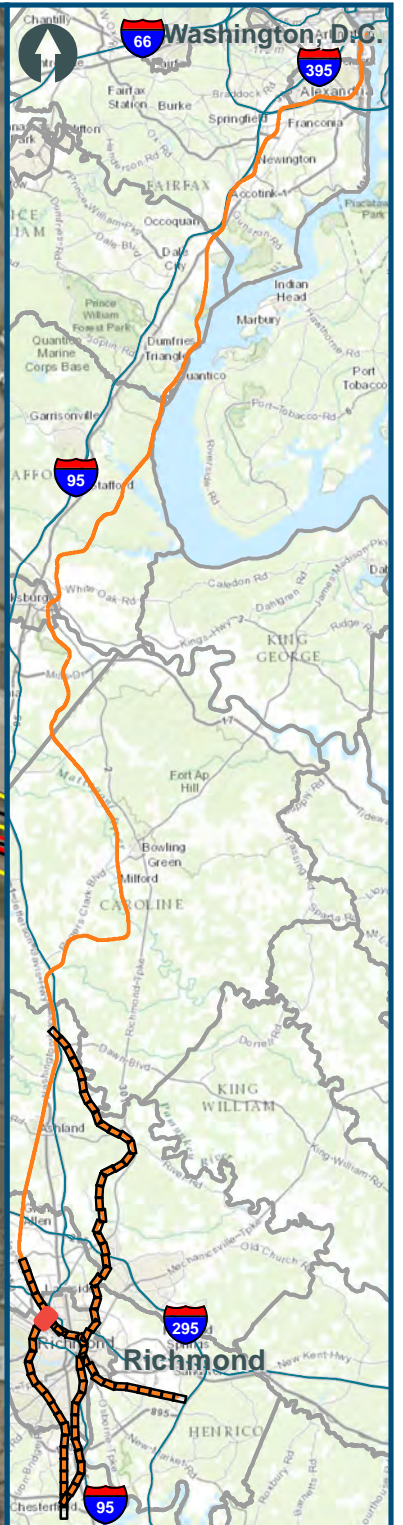
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-24
Richmond Segment
Hold Bridges
Alignment Option

\\citsmain\gis_data\GIS\Projects\011545_VADepotRailPublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015







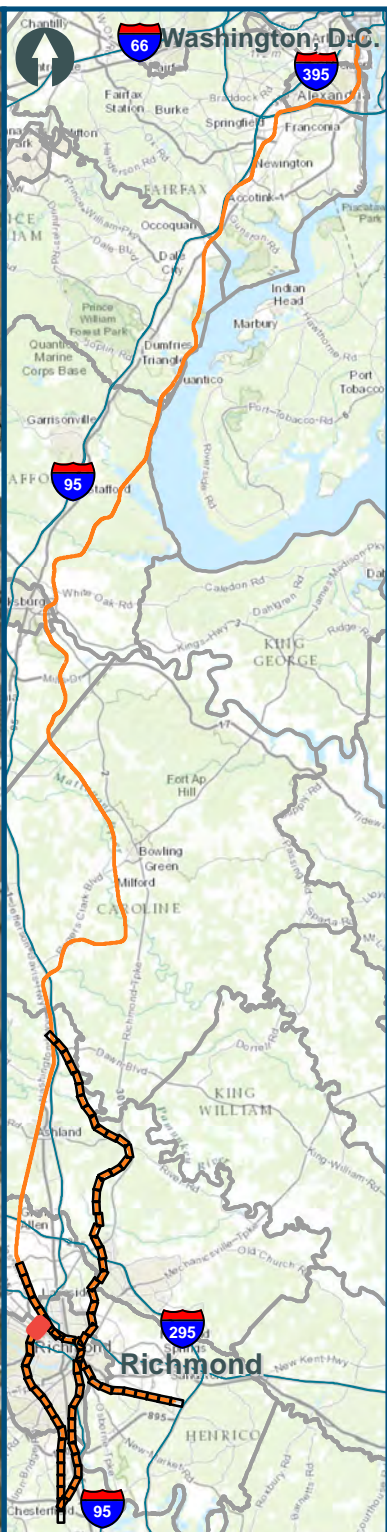
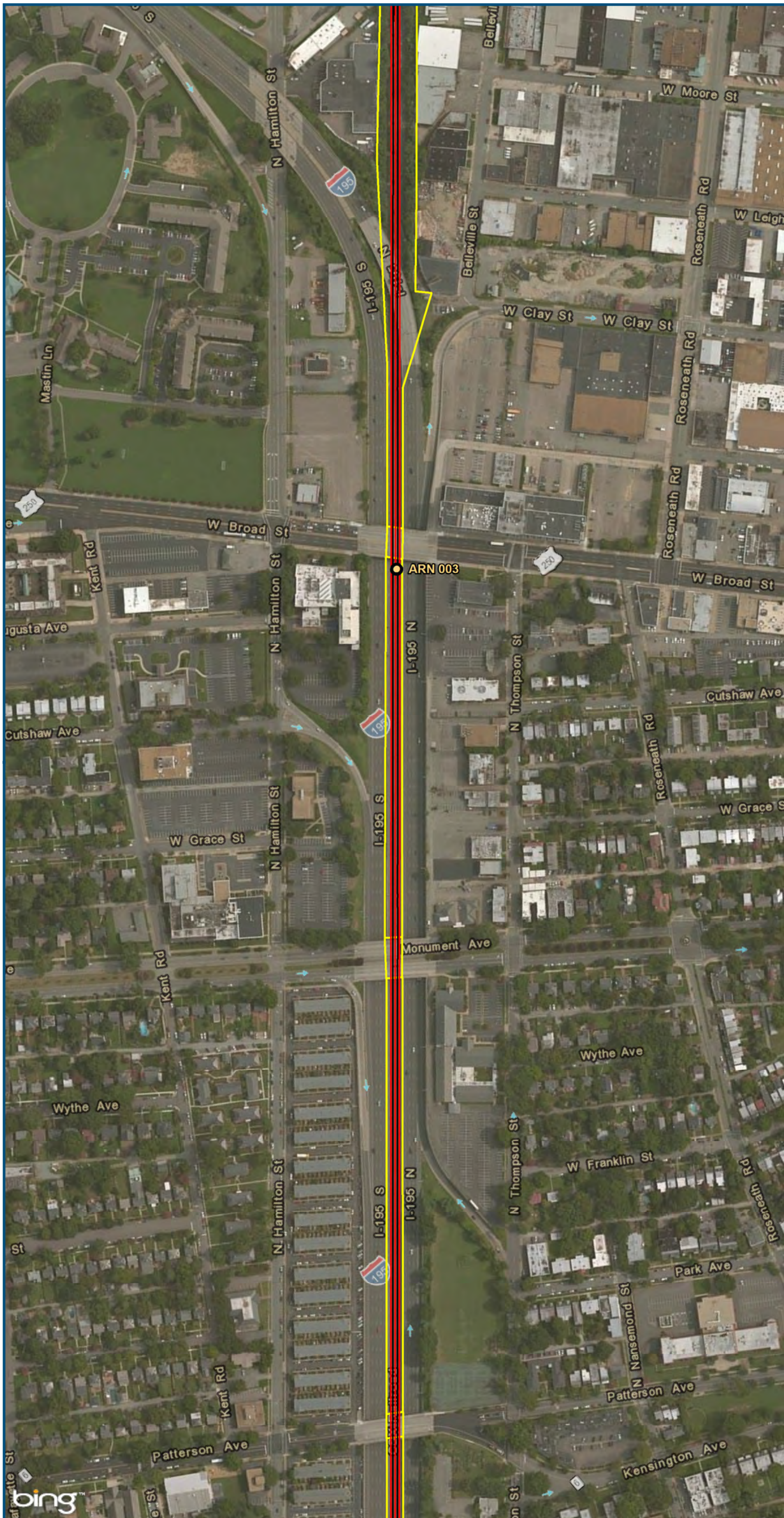
- Legend**
-  CSXT Mileposts
 -  New Track
 -  Existing Track
 -  CSXT Right-of-Way

Figure Y-25
Richmond Segment
Hold Bridges
Alignment Option



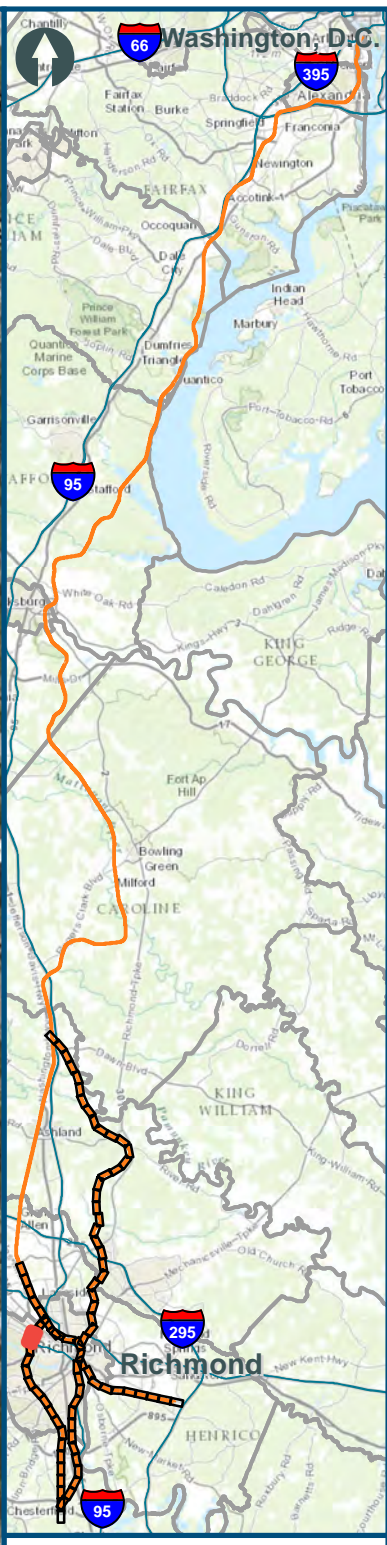
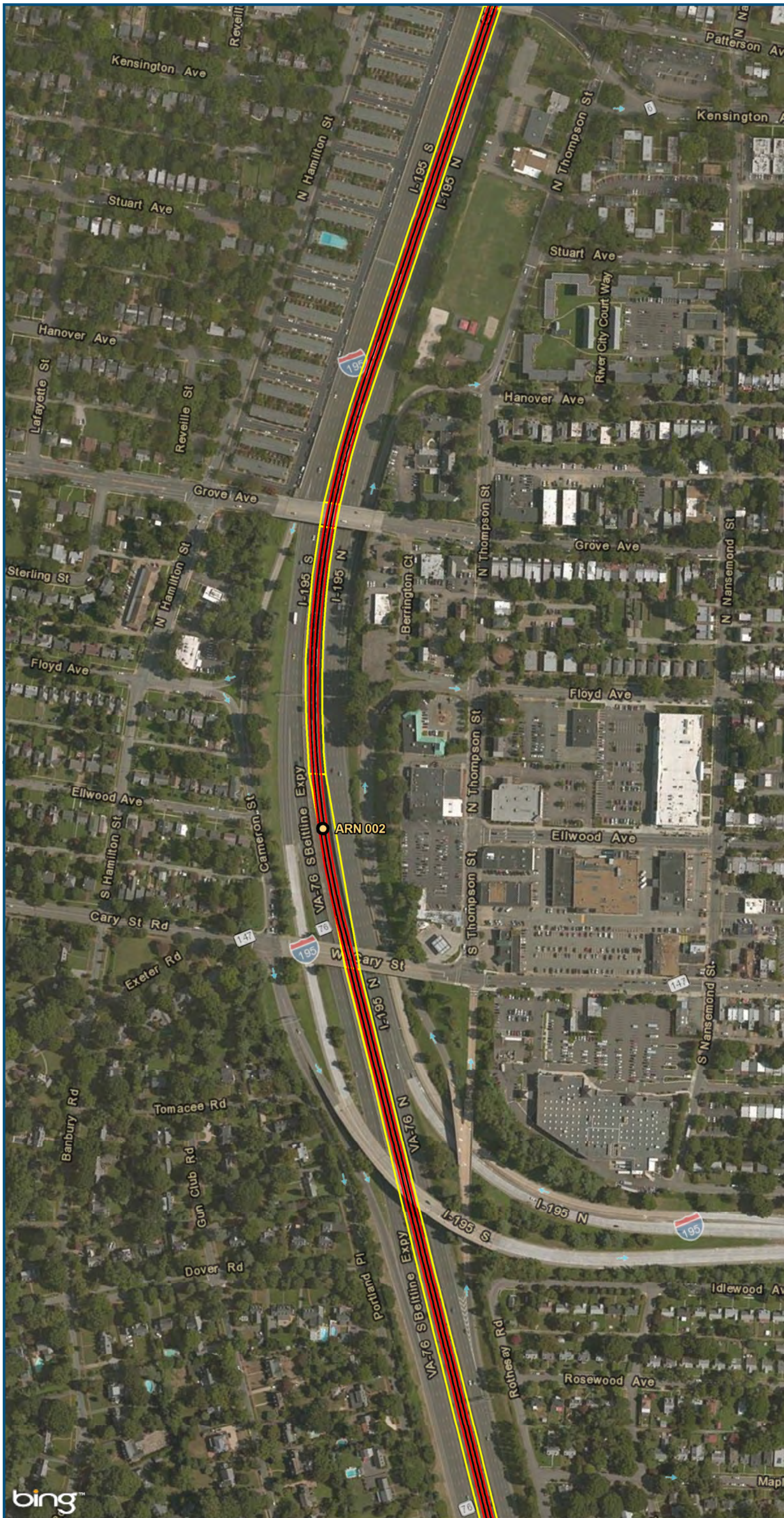
0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

Legend

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

Figure Y-26
Richmond Segment
Hold Bridges
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015



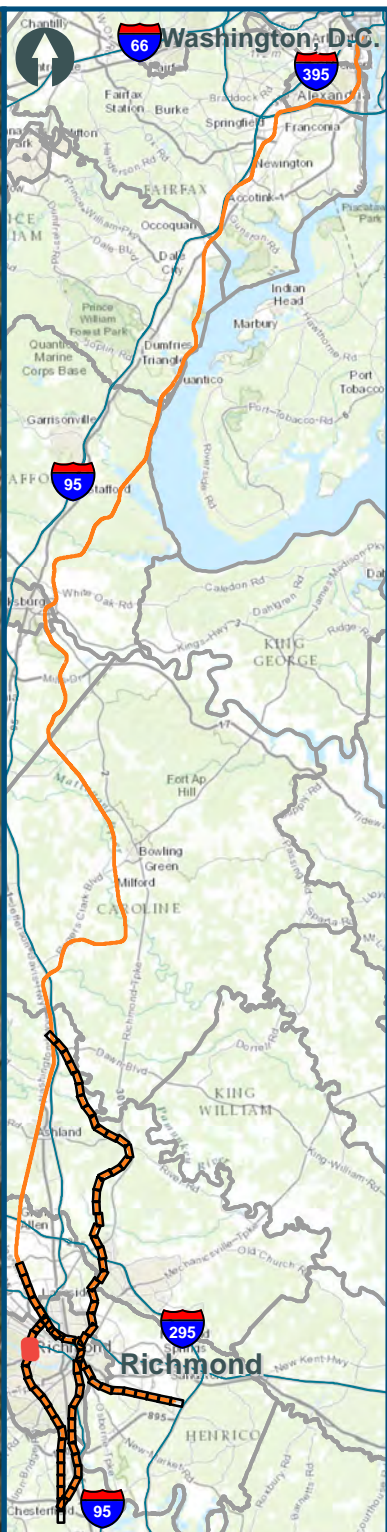
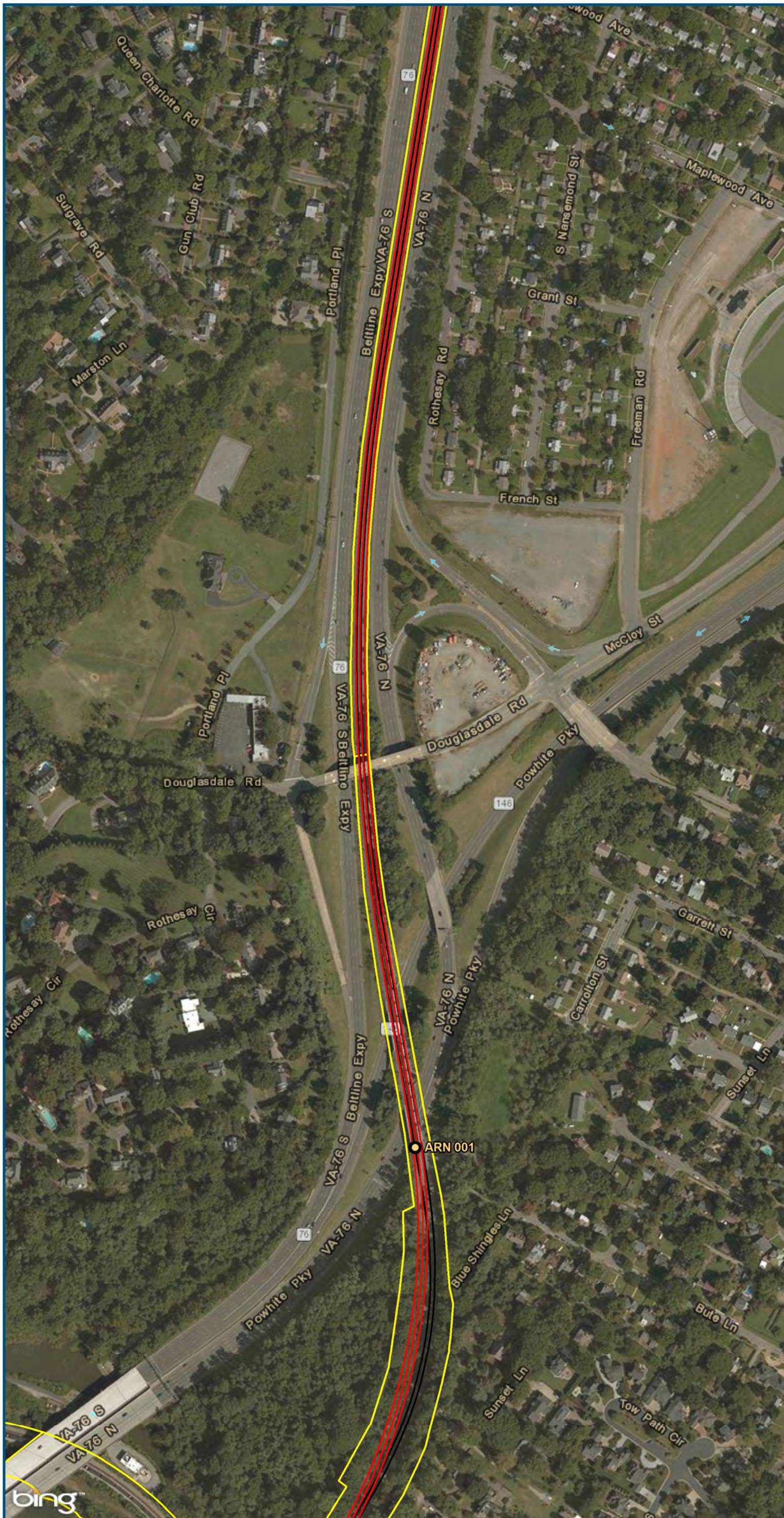
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 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

Legend

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

Figure Y-27
Richmond Segment
Hold Bridges
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VA\Dev\RailPublicTransportation\0239056_RAPS-4\Dev-Concept\Eng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015

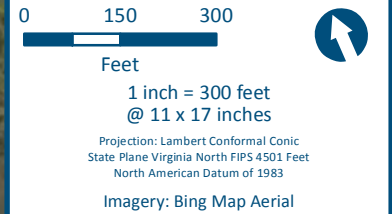
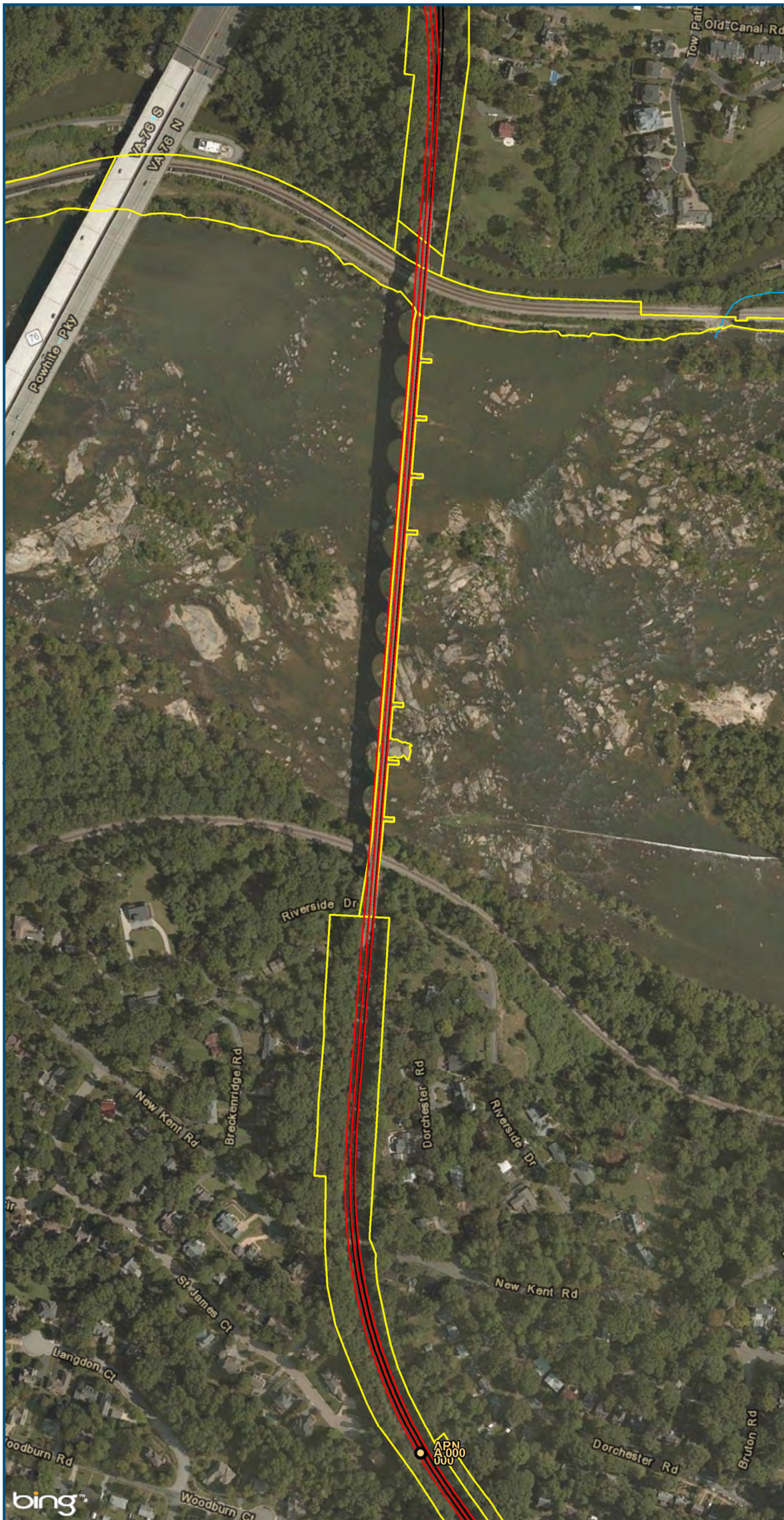


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

Legend

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

Figure Y-28
Richmond Segment
Hold Bridges
Alignment Option

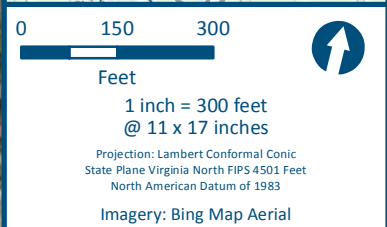
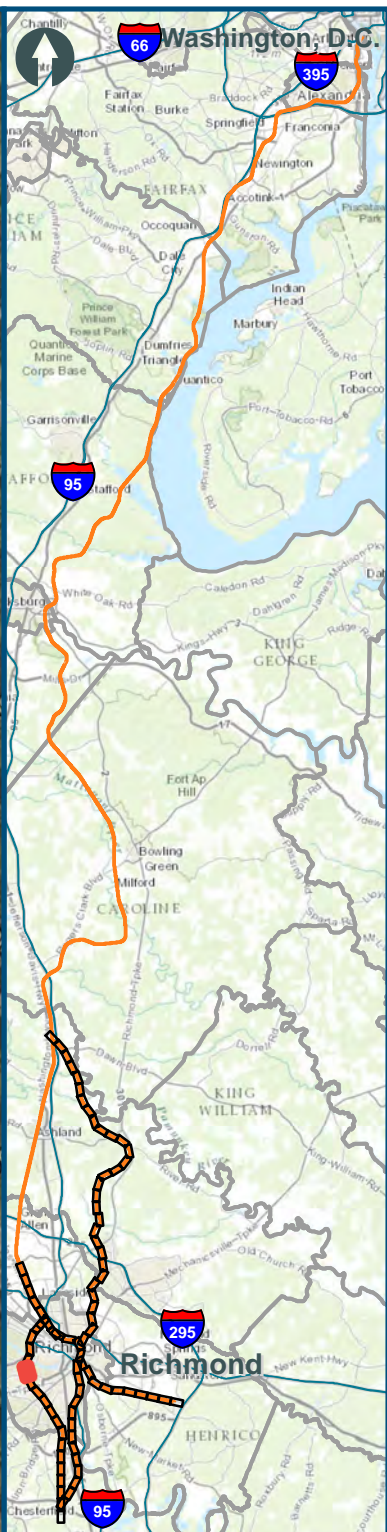
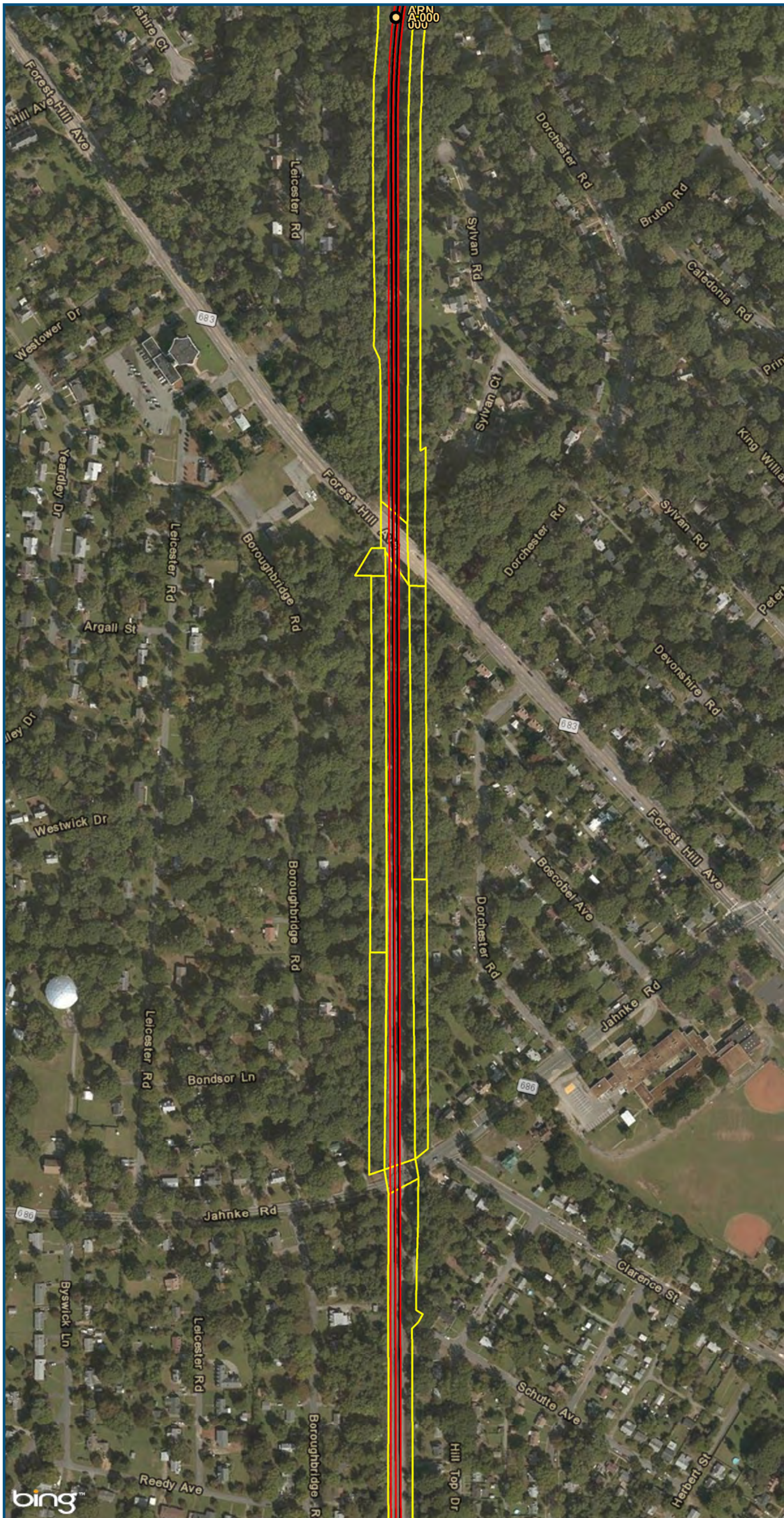


- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-29
Richmond Segment
Hold Bridges
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotRailPublicTransportation\0239056_RAPS-4\Dev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015

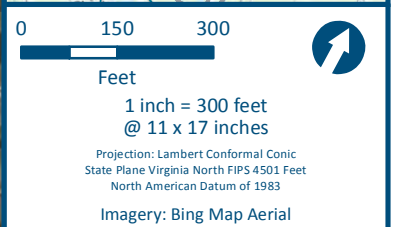
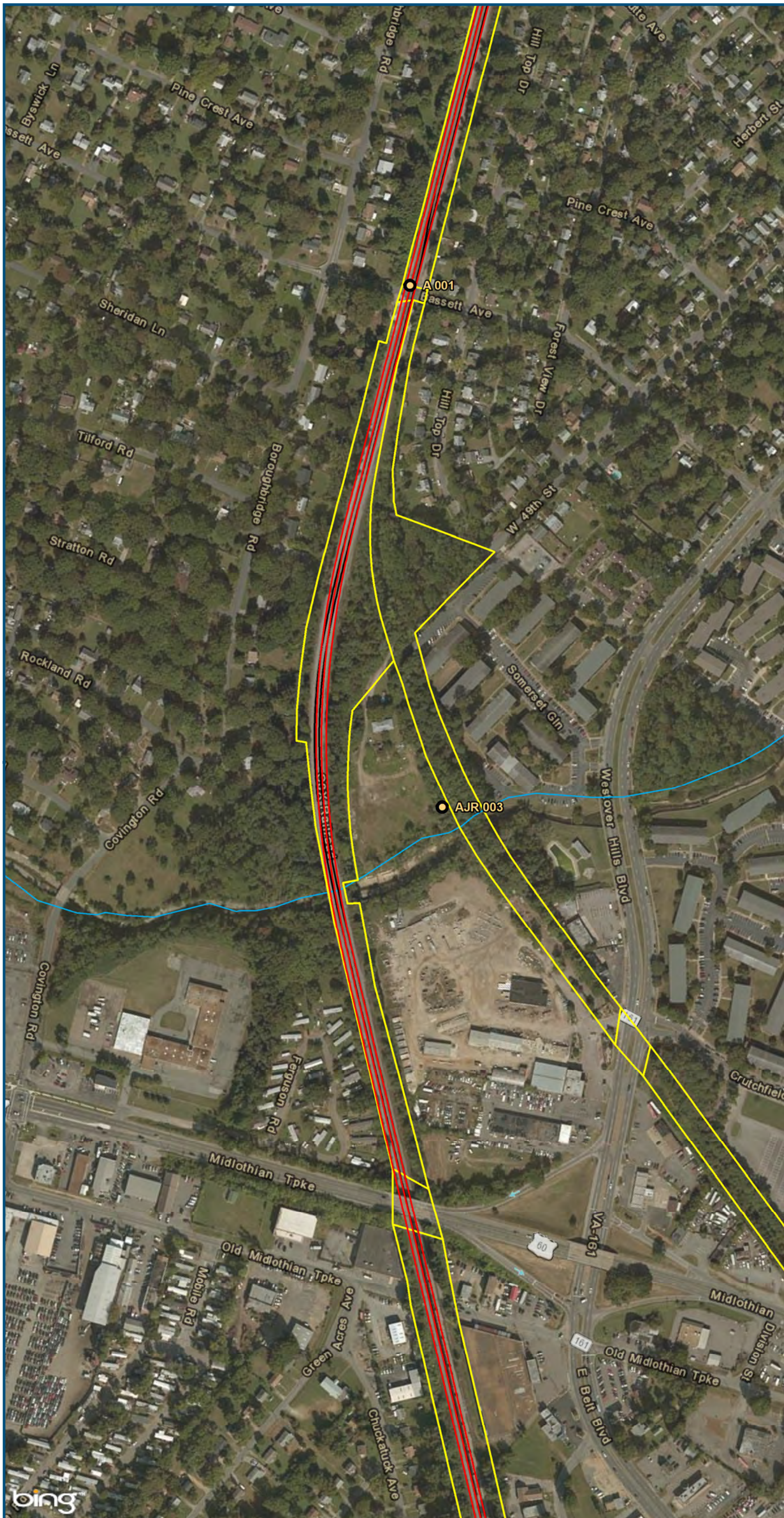
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way

Figure Y-30
Richmond Segment
Hold Bridges
Alignment Option

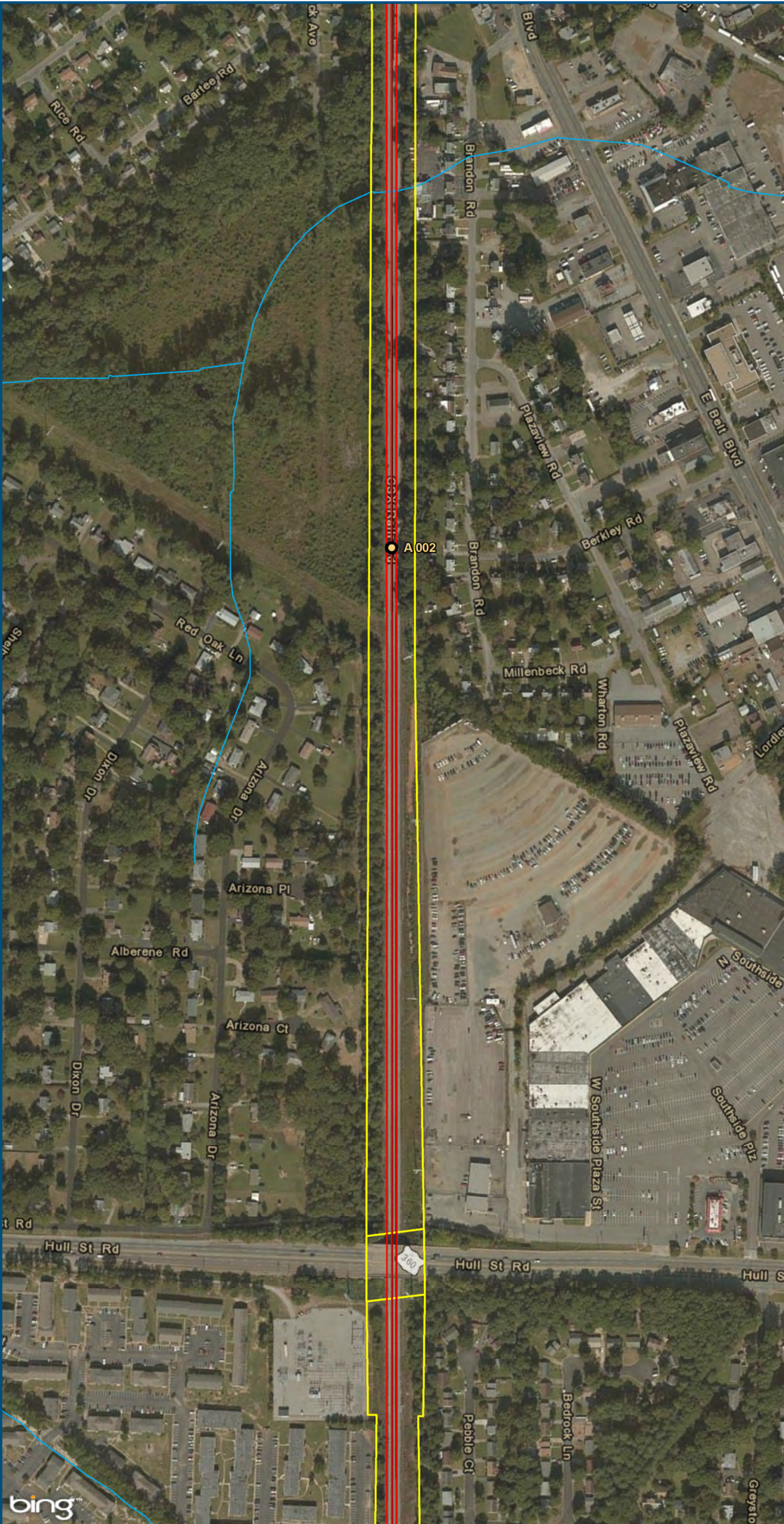
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-31
Richmond Segment
Hold Bridges
Alignment Option

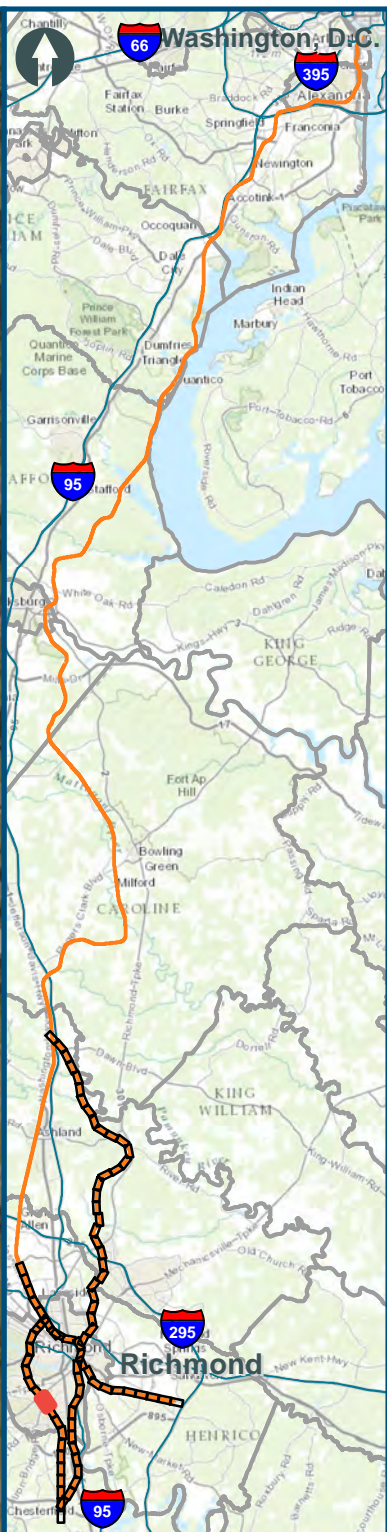
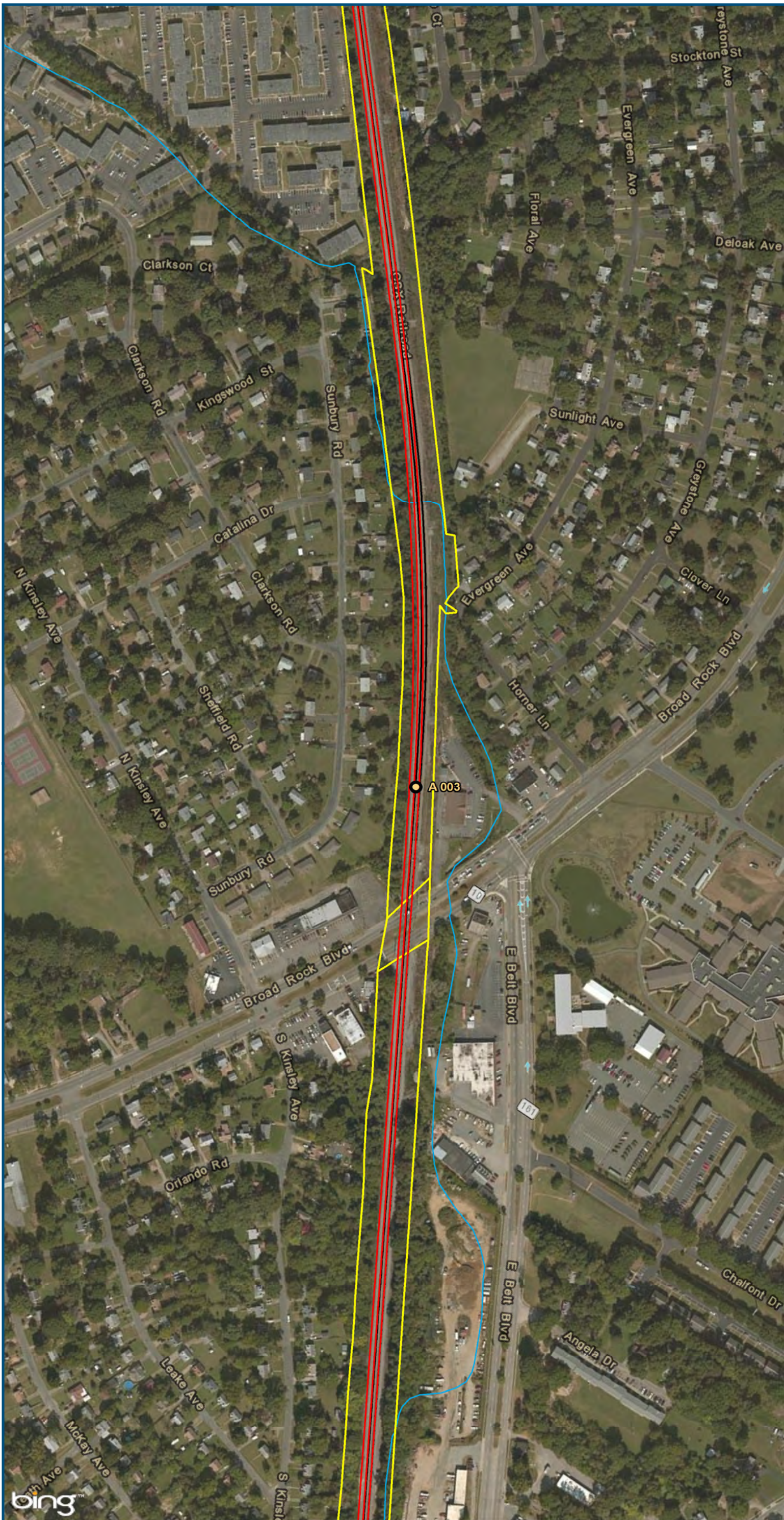
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0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-32
Richmond Segment
Hold Bridges
Alignment Option



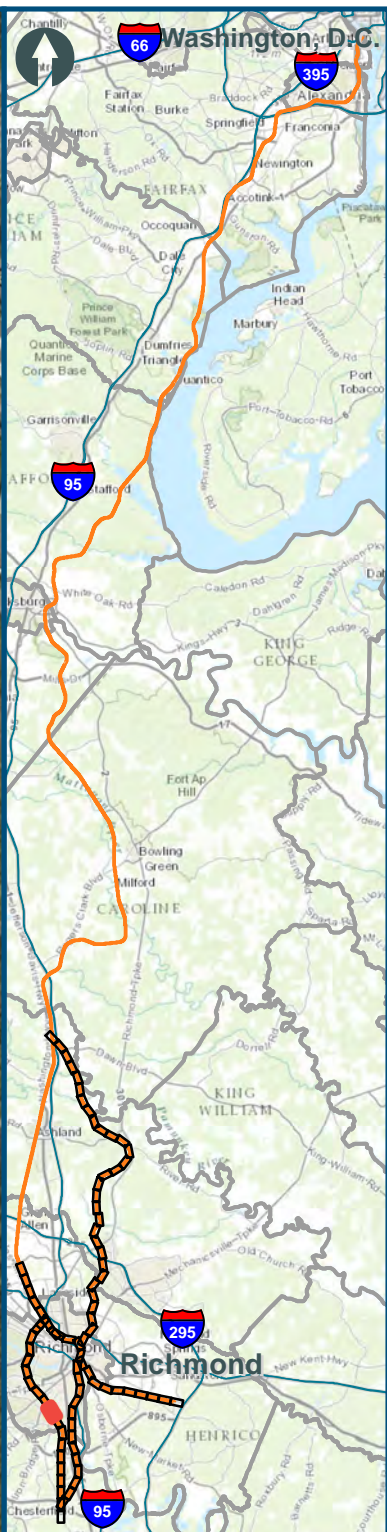
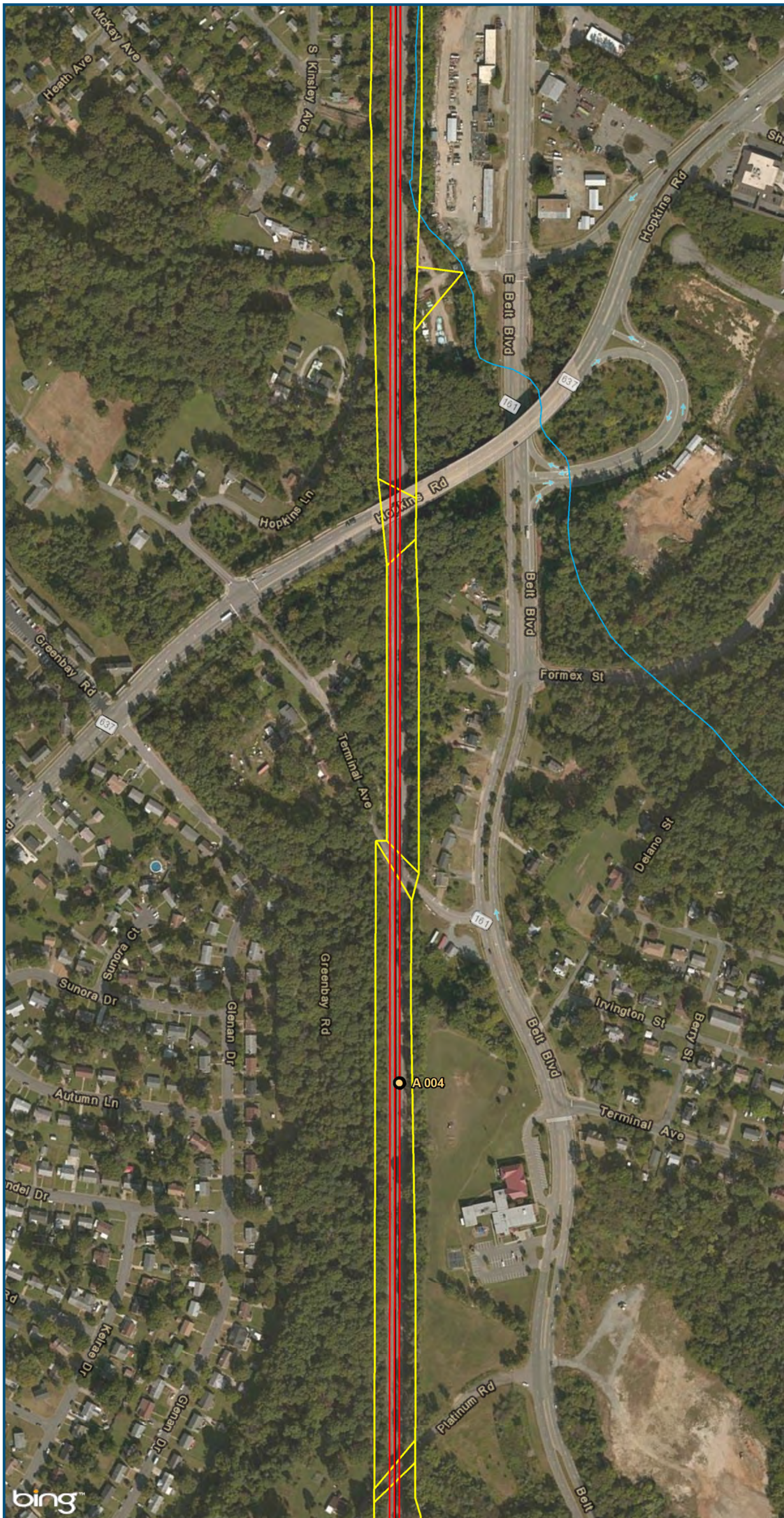
0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Y-33
Richmond Segment
Hold Bridges
Alignment Option

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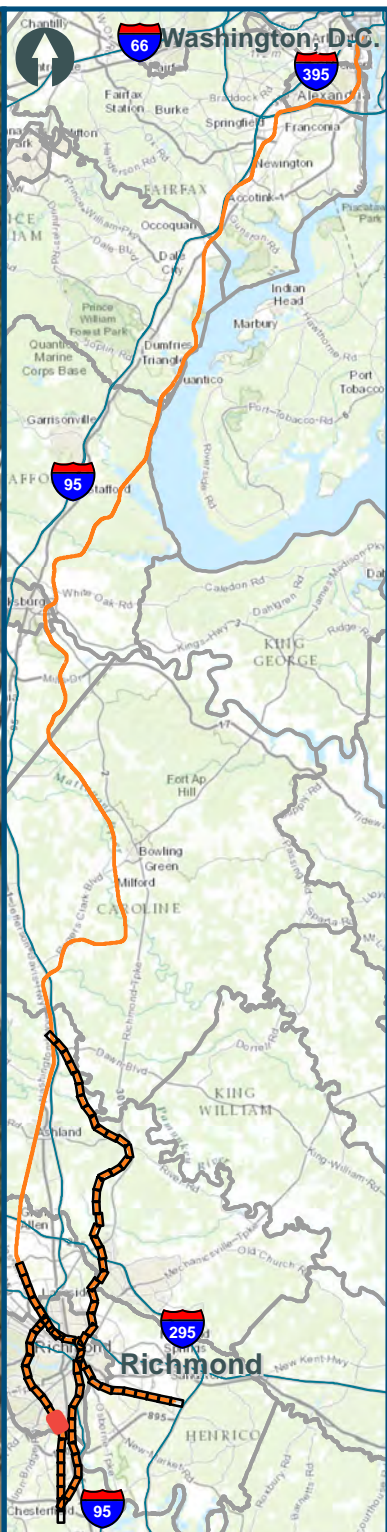
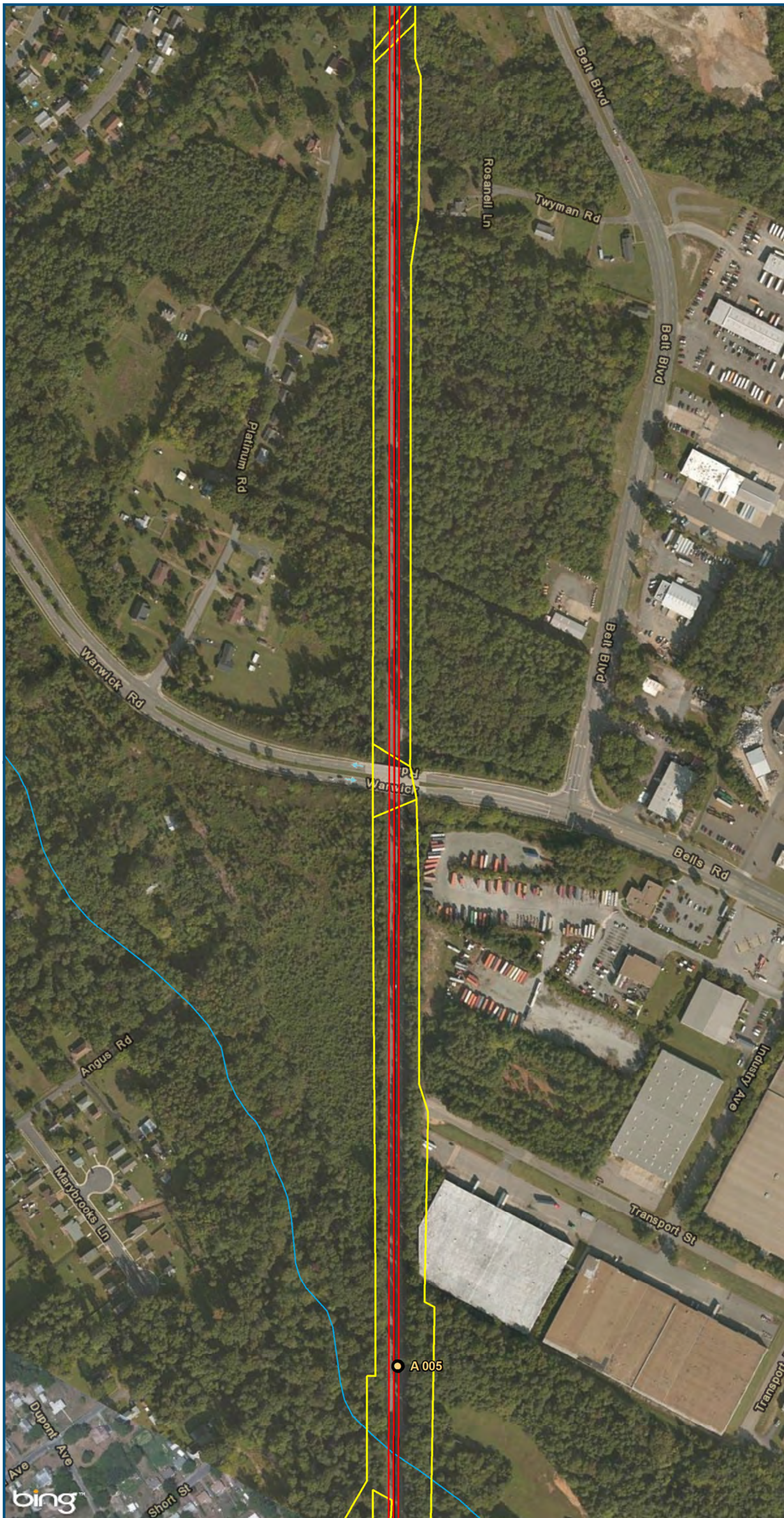
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Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

Legend

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

Figure Y-34
Richmond Segment
Hold Bridges
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015



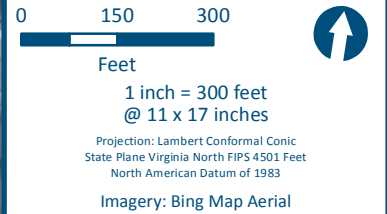
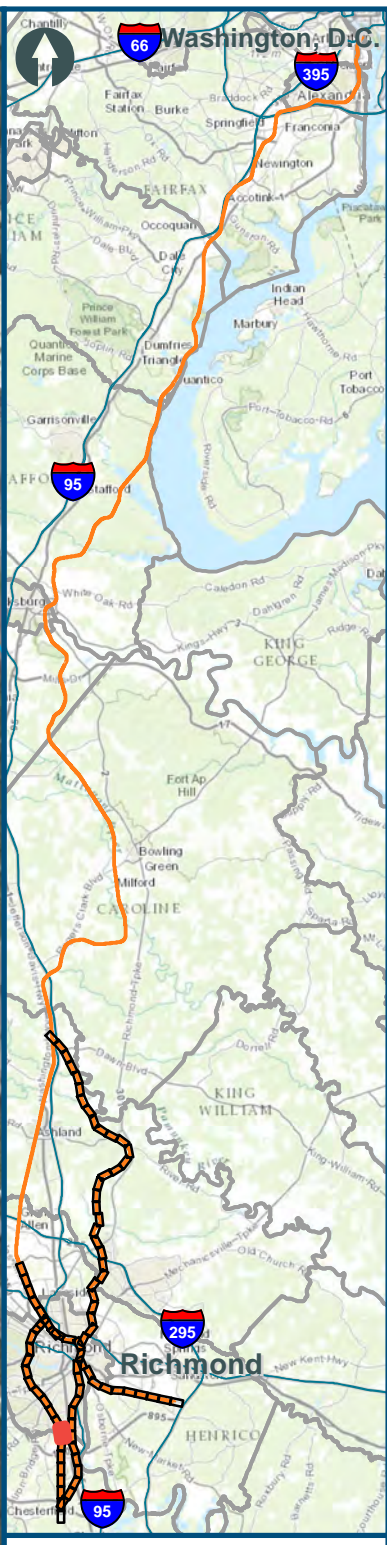
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Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

Legend

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

Figure Y-35
Richmond Segment
Hold Bridges
Alignment Option

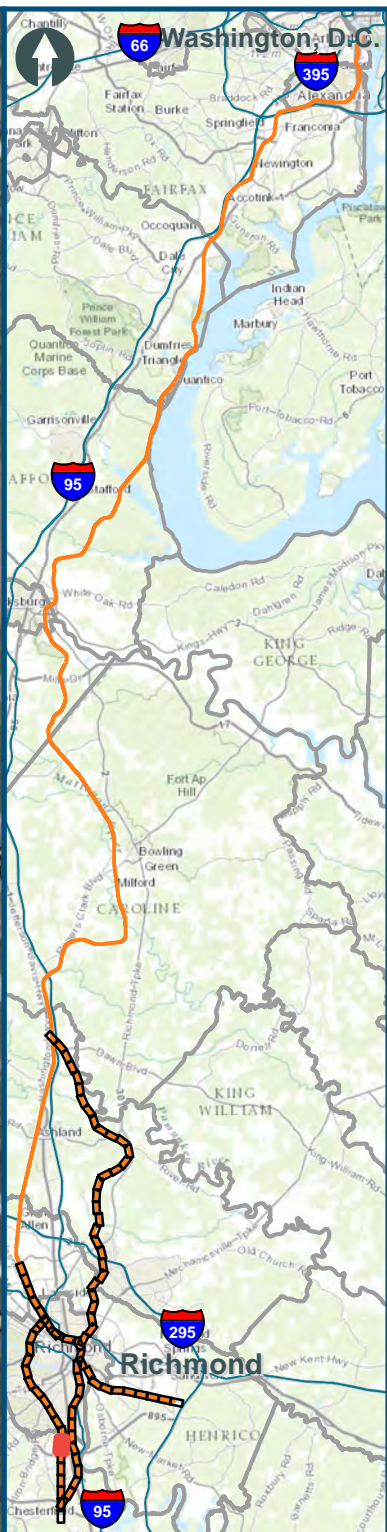
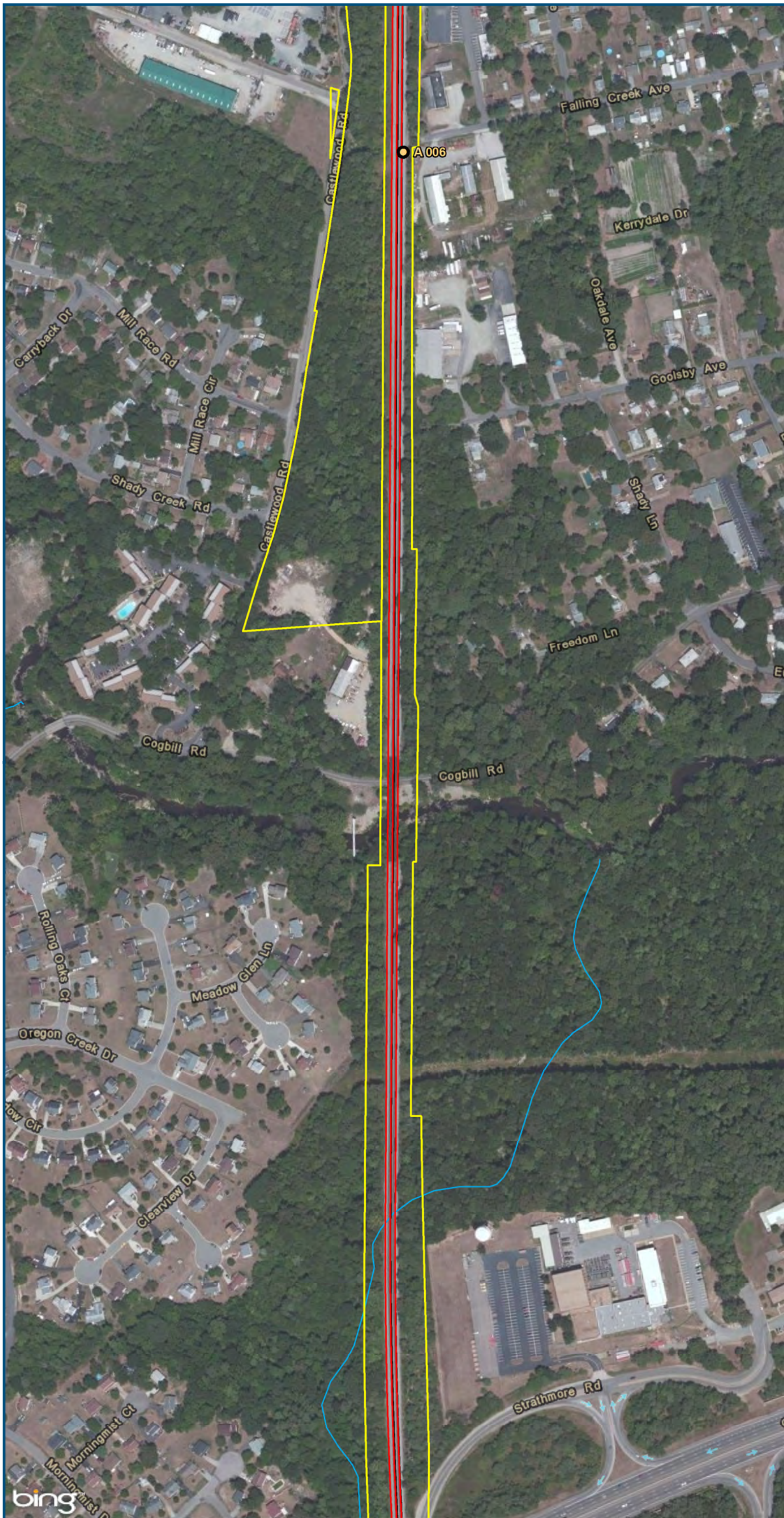
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-36
Richmond Segment
Hold Bridges
Alignment Option

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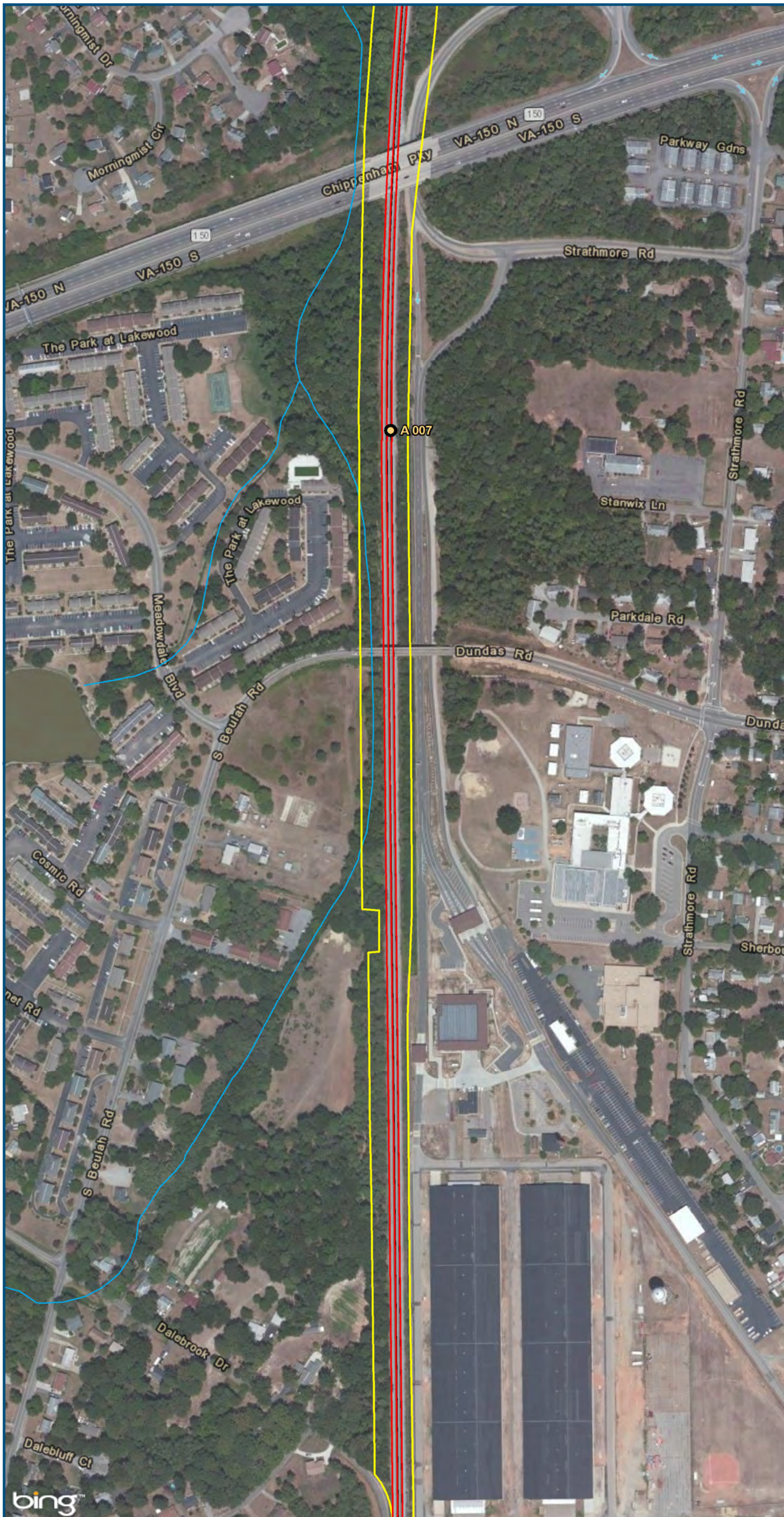


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

Legend

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

Figure Y-37
Richmond Segment
Hold Bridges
Alignment Option



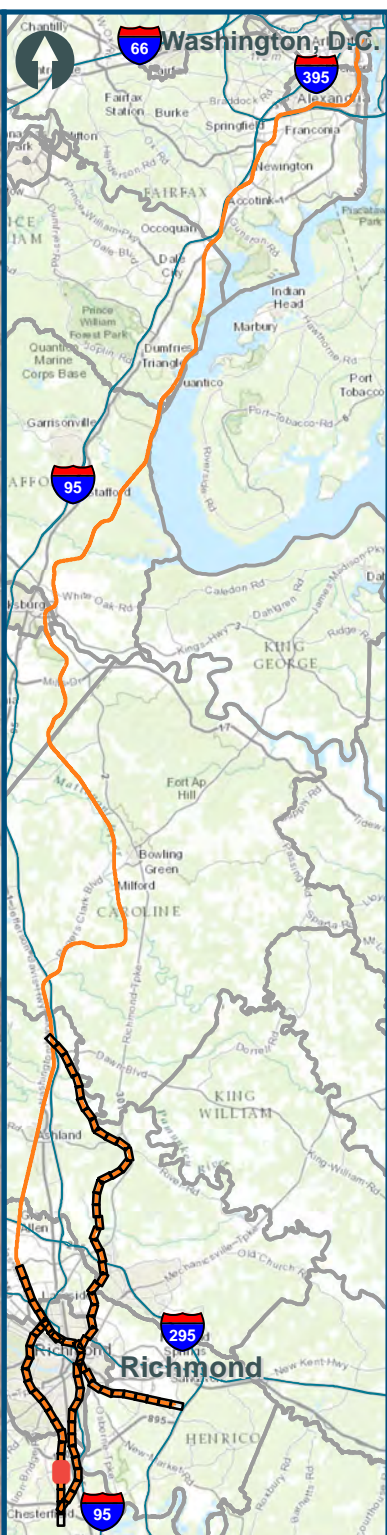
0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Y-38
Richmond Segment
Hold Bridges
Alignment Option

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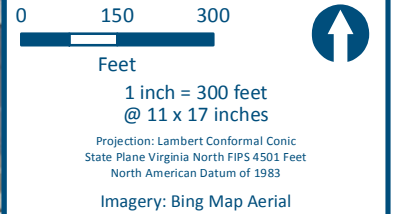
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0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Y-39
Richmond Segment
Hold Bridges
Alignment Option



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

Figure Y-40
Richmond Segment
Hold Bridges
Alignment Option

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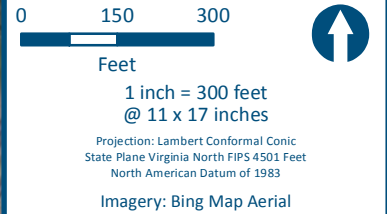
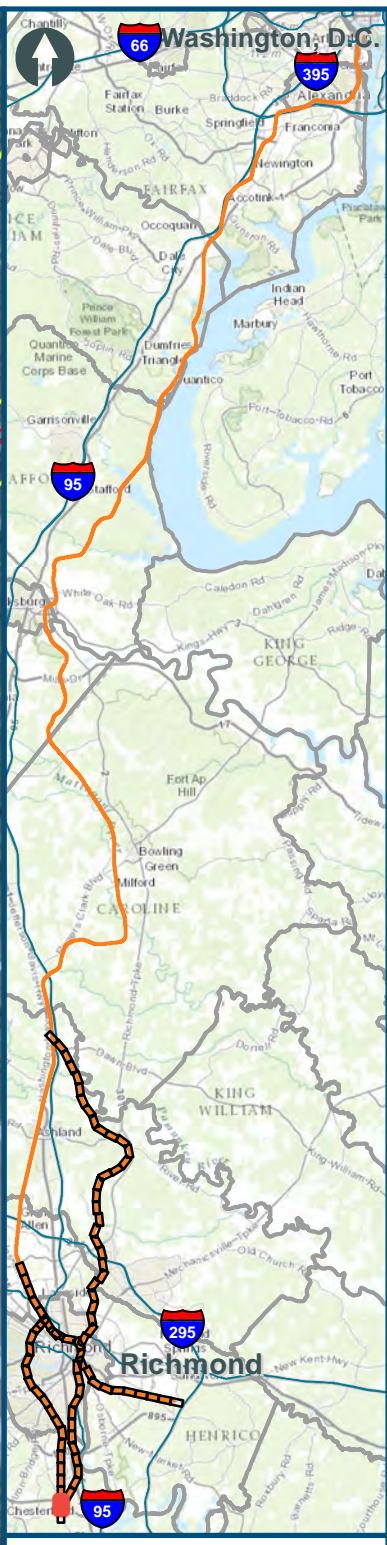
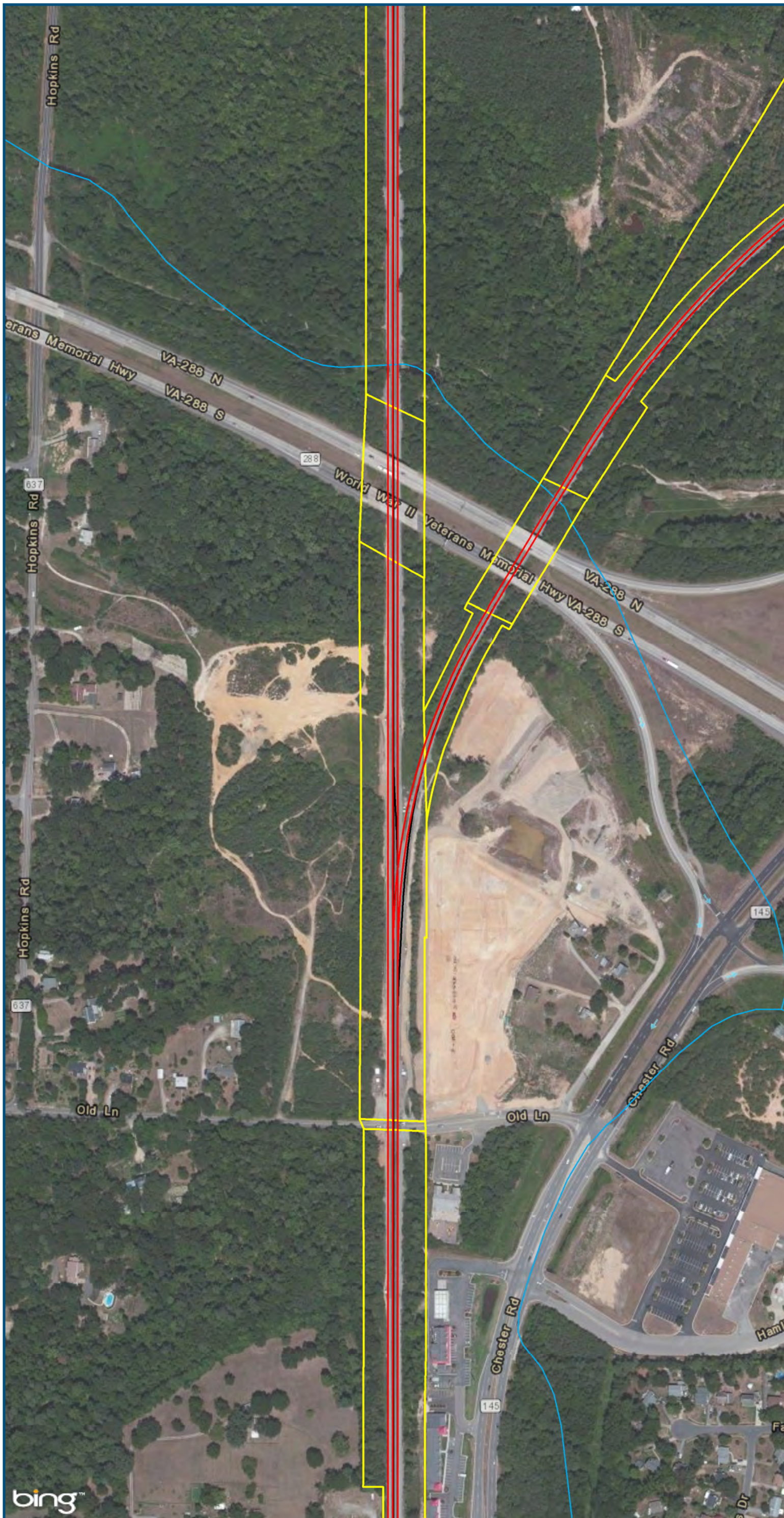


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-41
Richmond Segment
Hold Bridges
Alignment Option

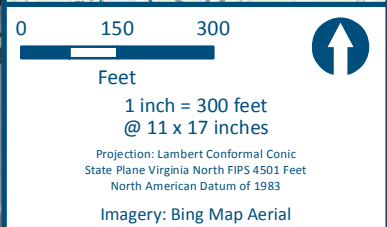
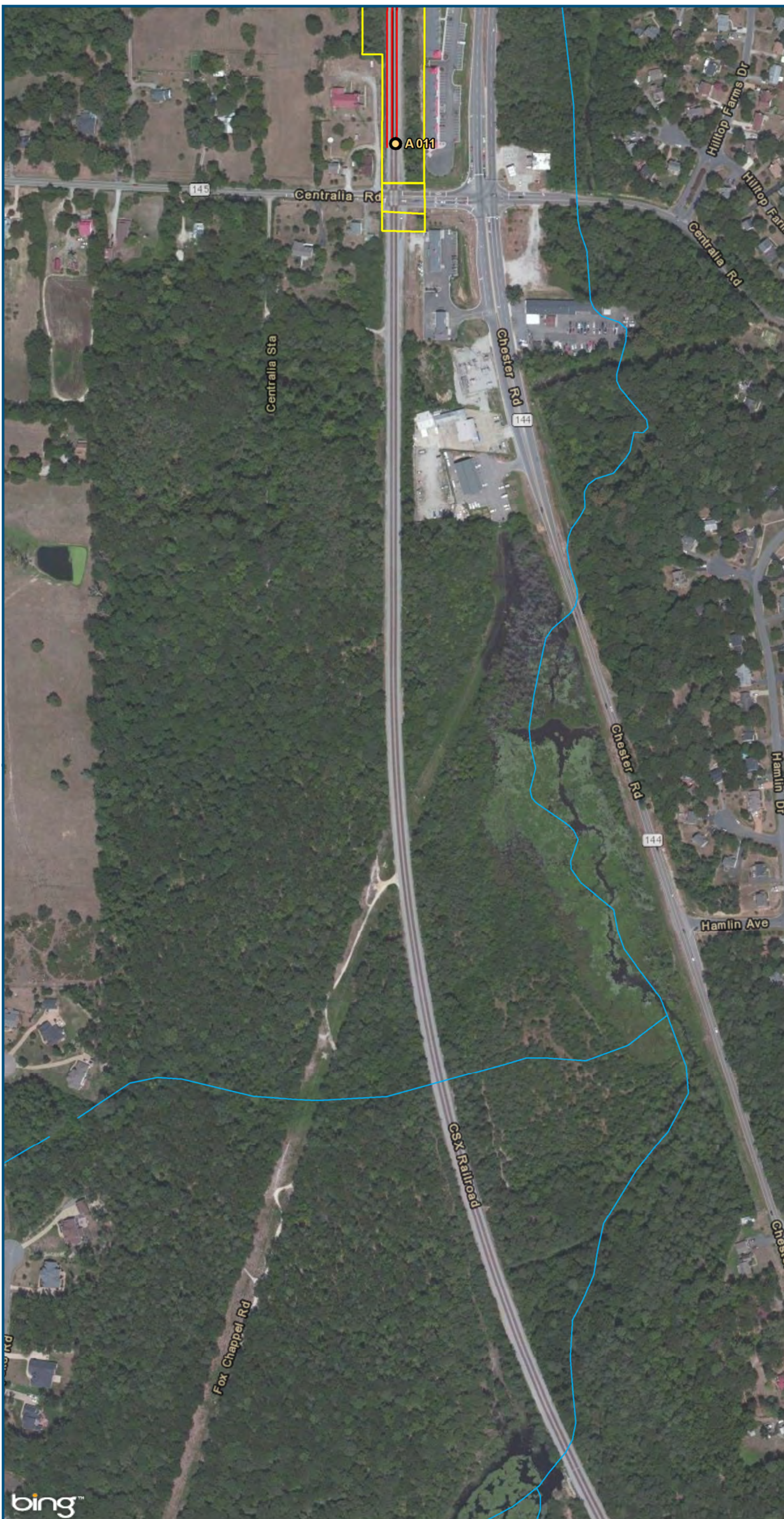
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-42
Richmond Segment
Hold Bridges
Alignment Option

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Legend

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

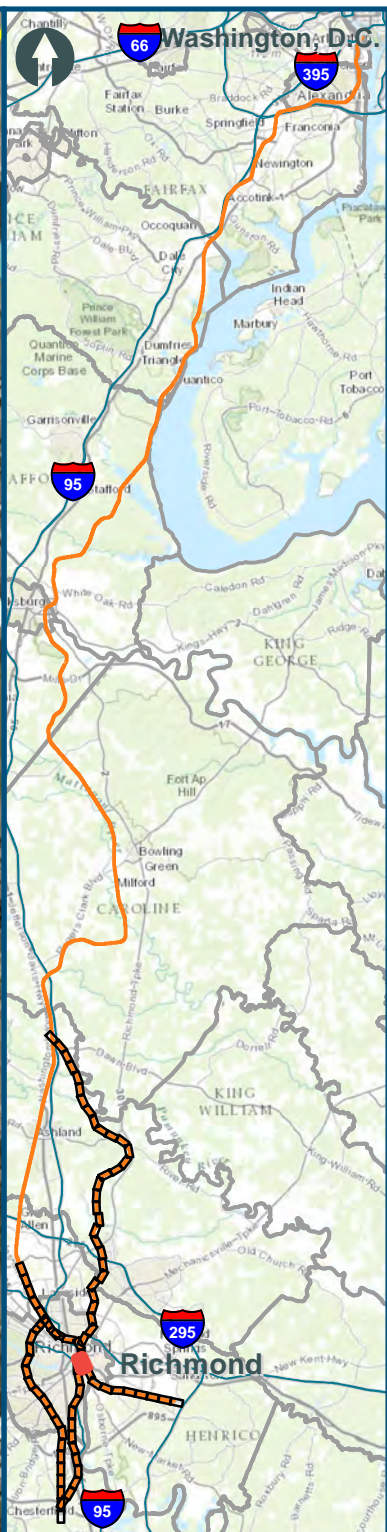
Figure Y-43
Richmond Segment
Hold Bridges
Alignment Option



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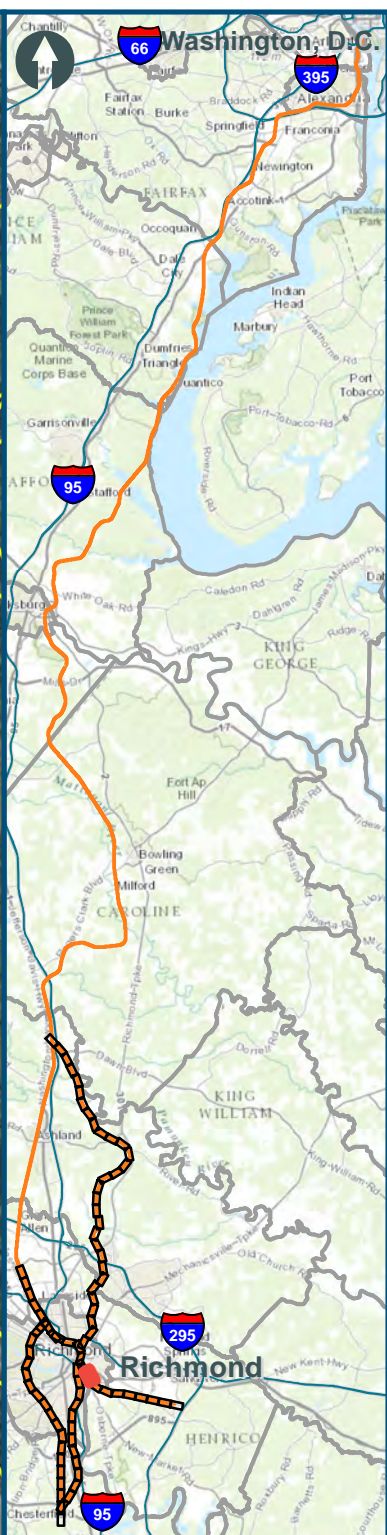
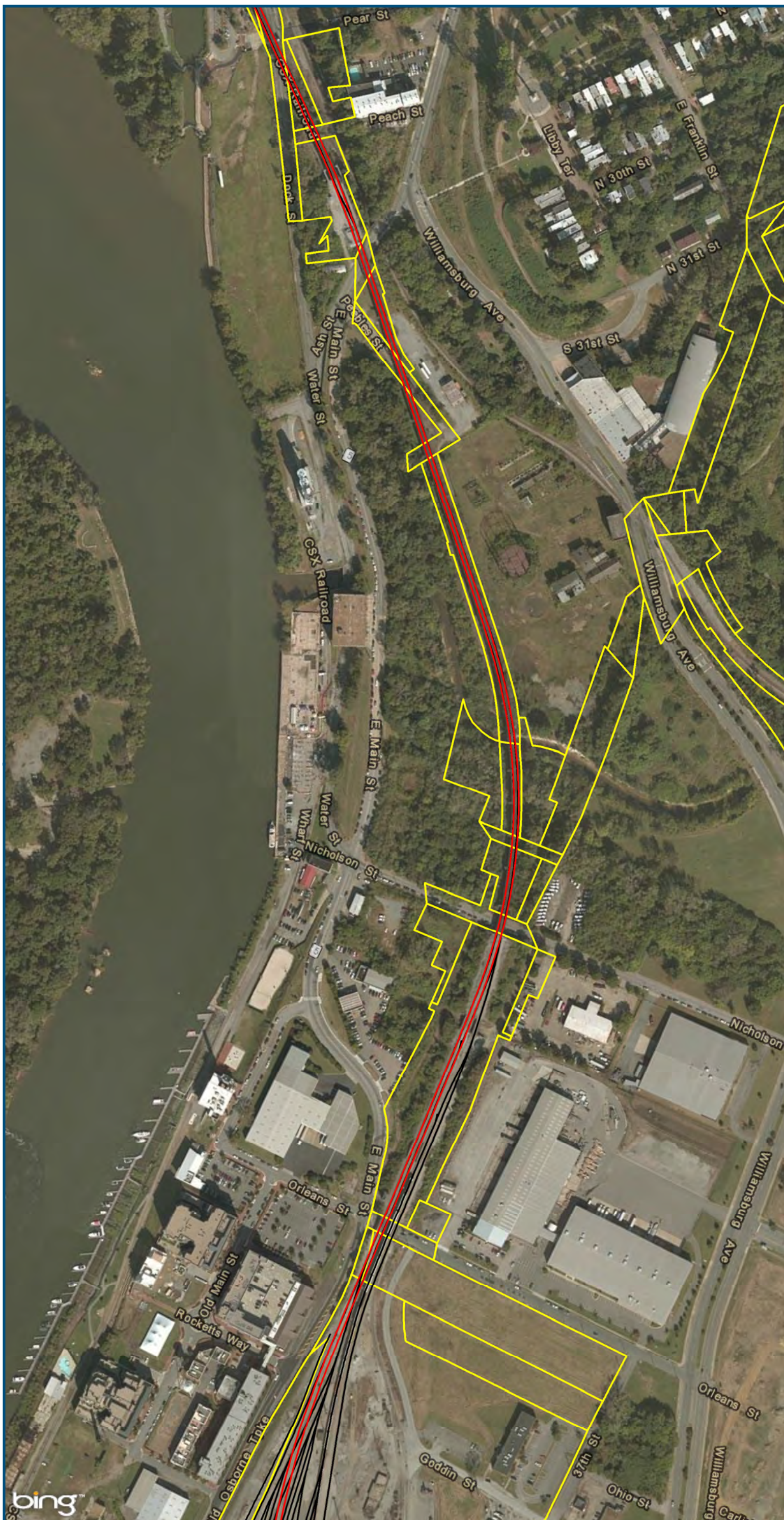
0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Y-44
Richmond Segment
Hold Bridges
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4\Dev-ConceptEng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015

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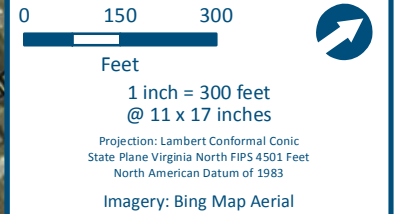
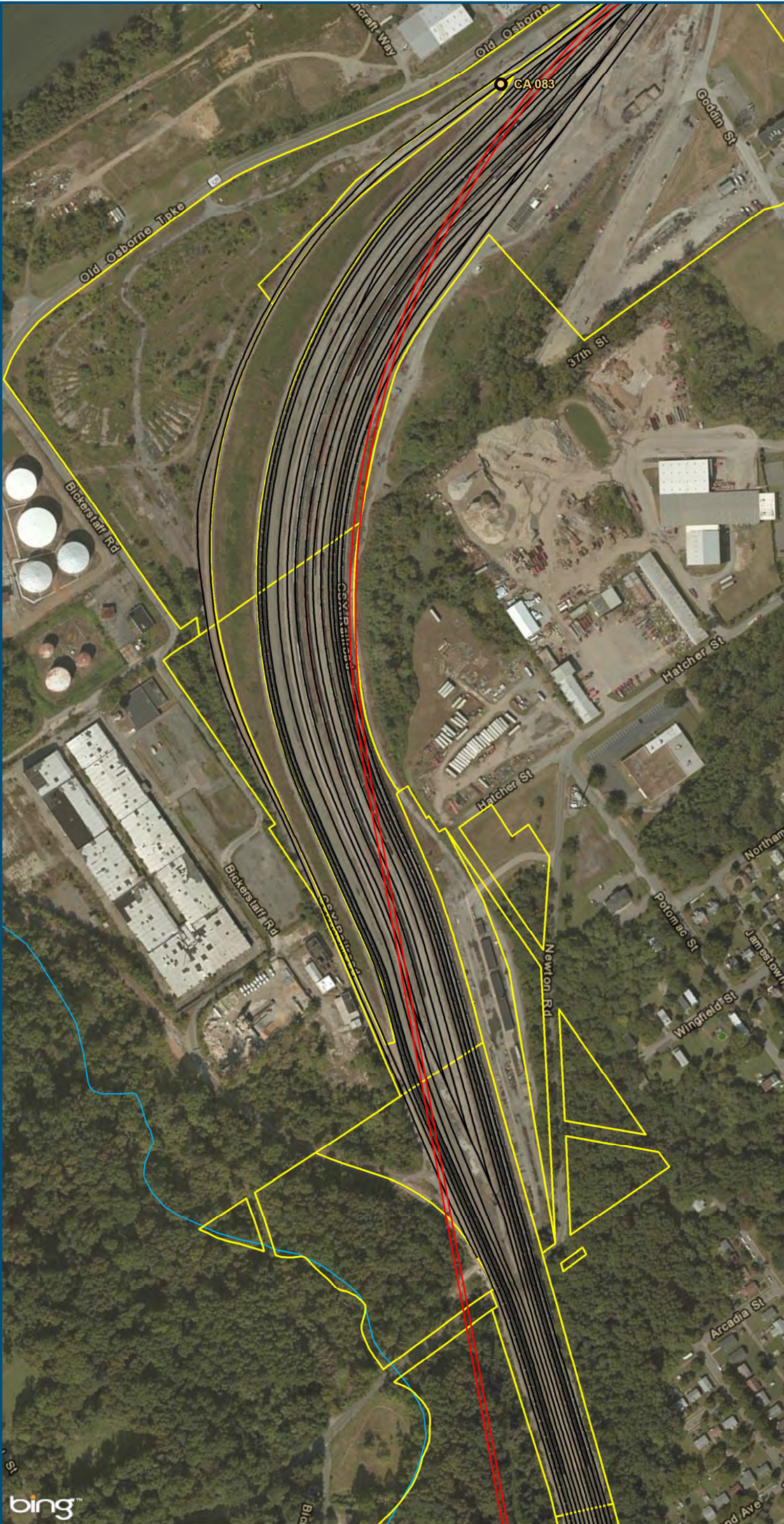


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

Legend

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

Figure Y-45
Richmond Segment
Hold Bridges
Alignment Option

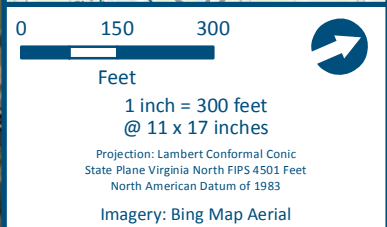
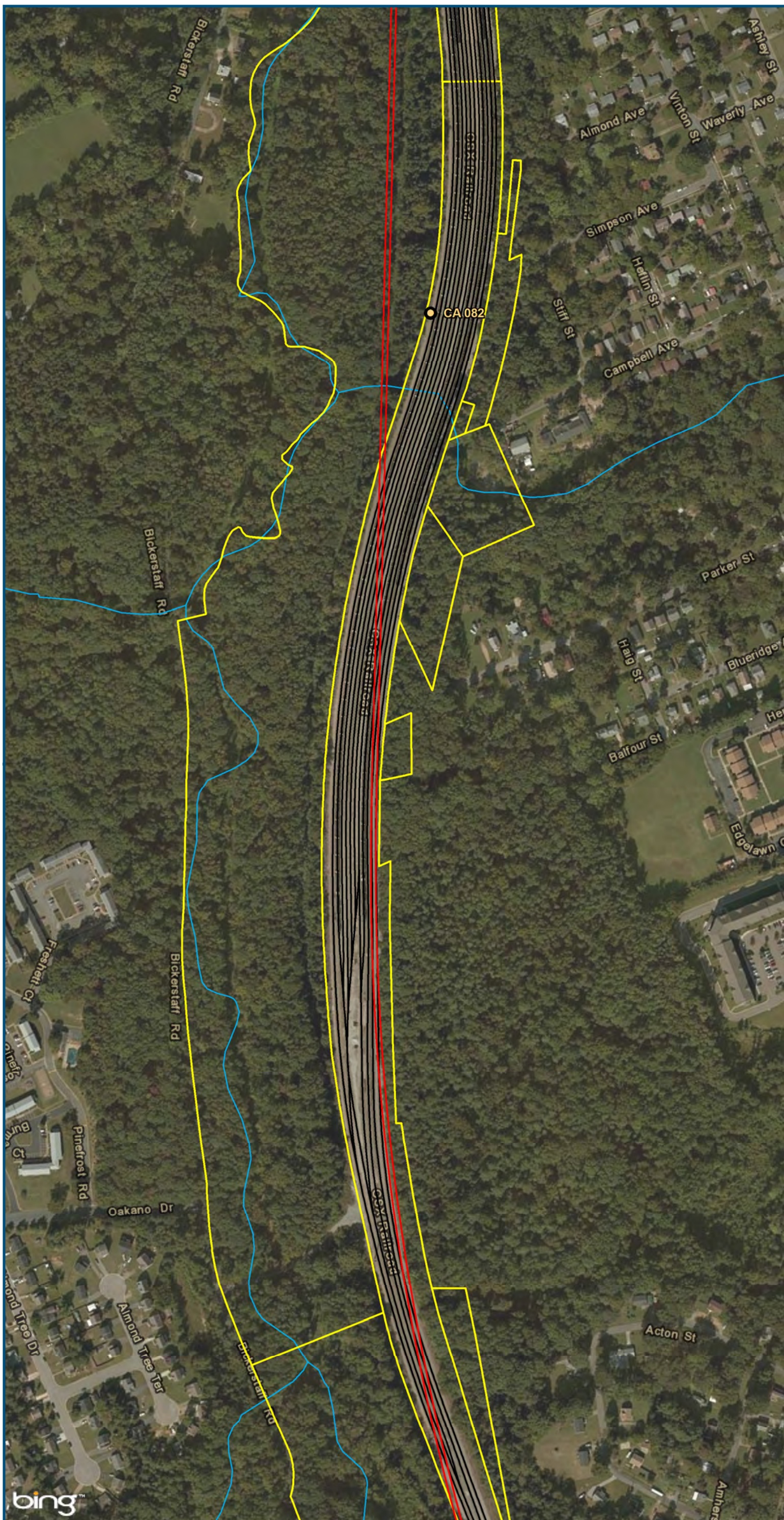


- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-46
Richmond Segment
Hold Bridges
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4A\Dev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015

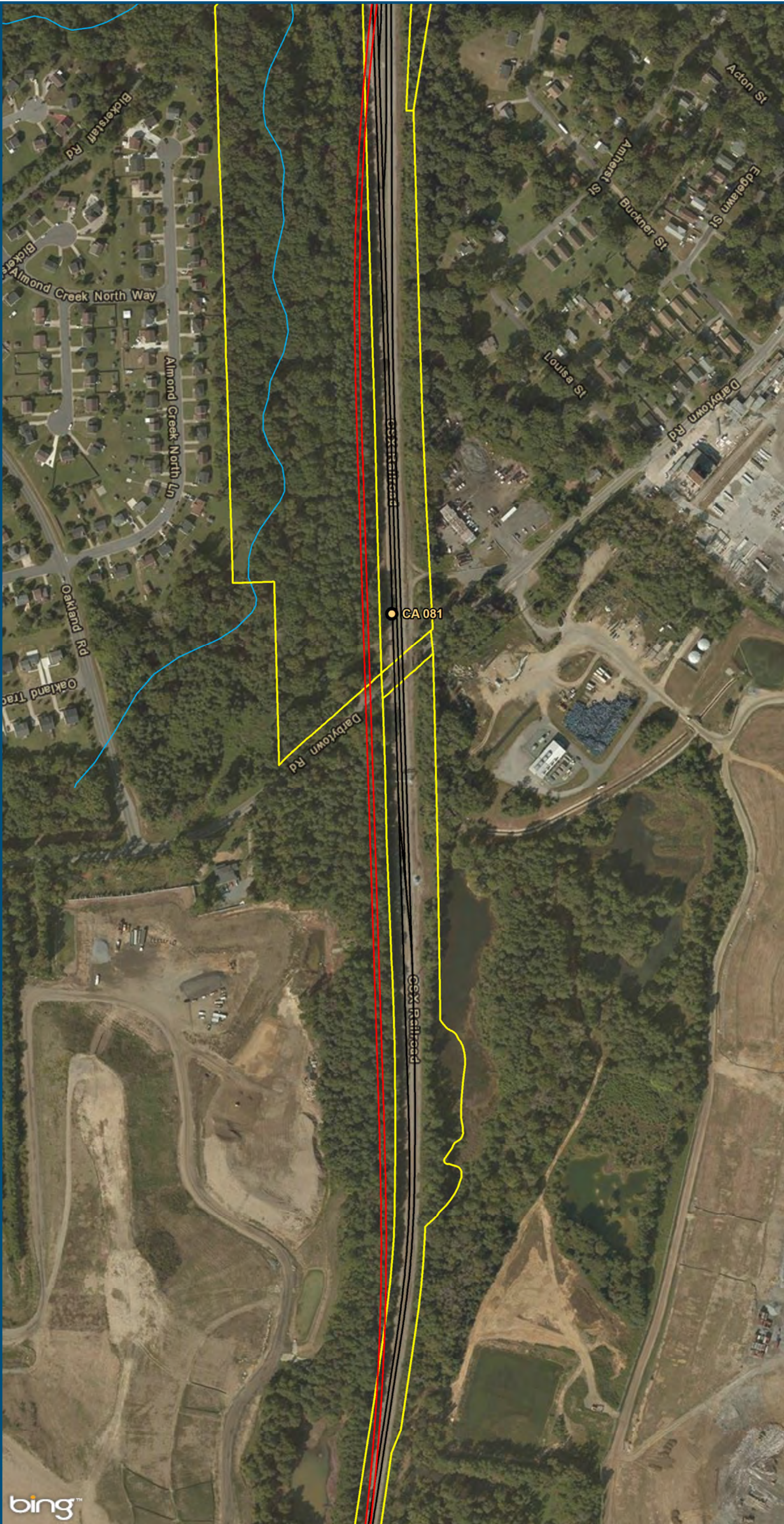
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-47
Richmond Segment
Hold Bridges
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4\Dev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015

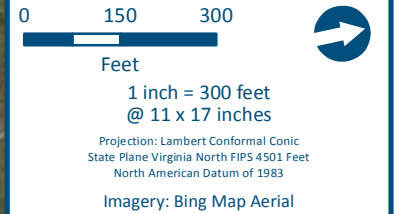
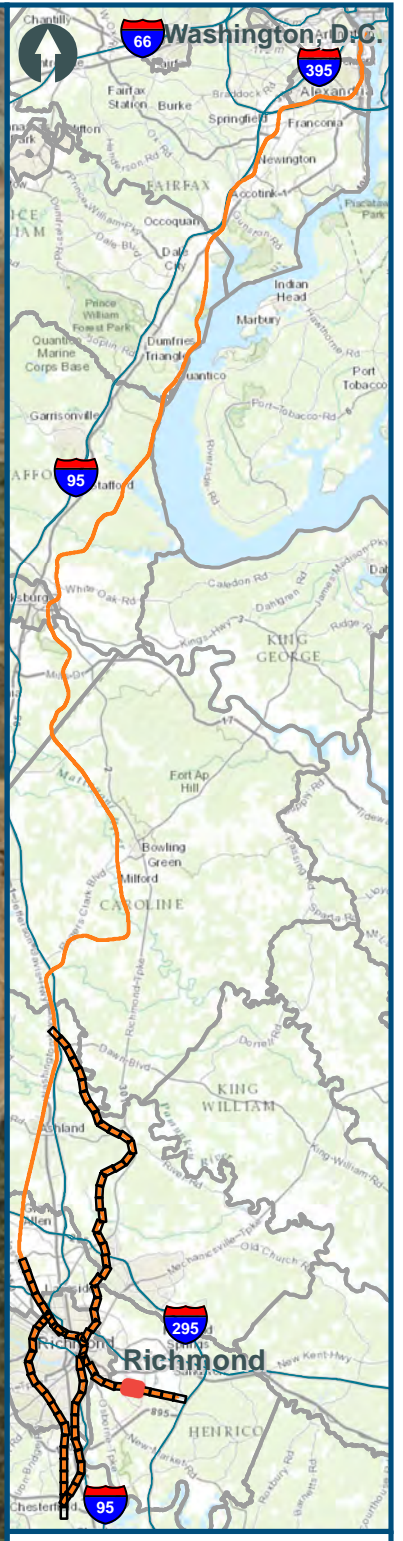
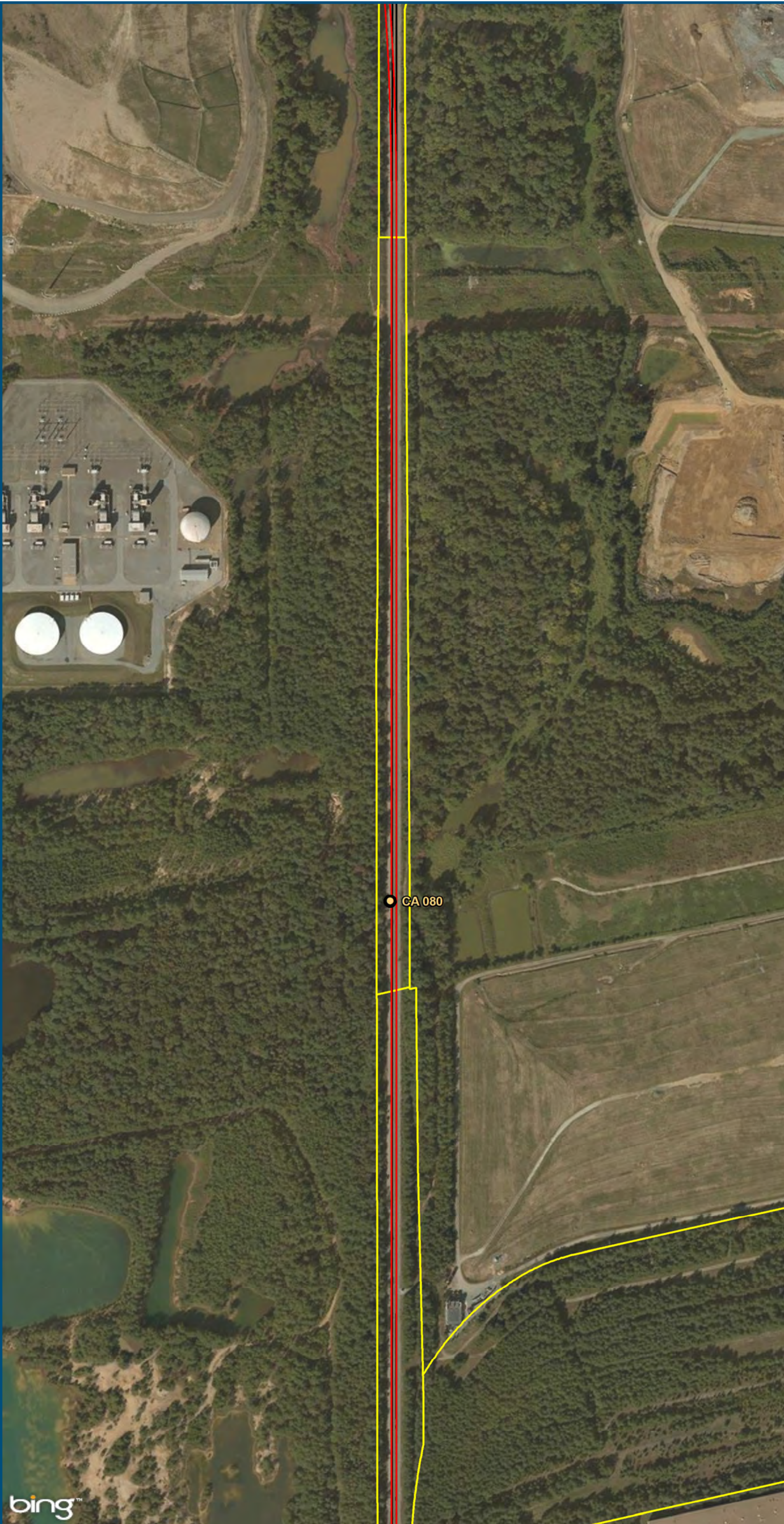


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-48
Richmond Segment
Hold Bridges
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015







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

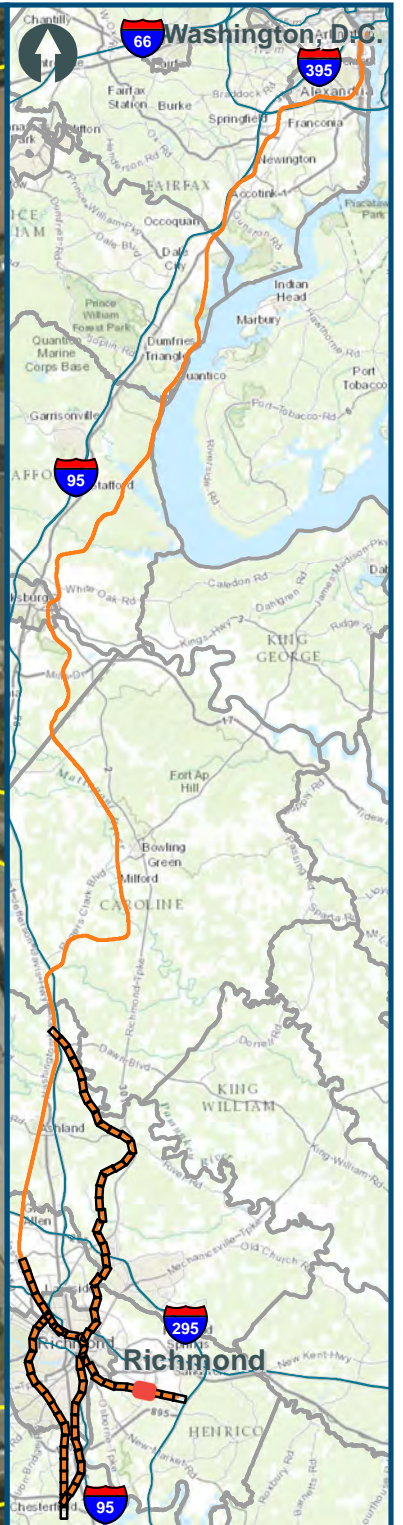
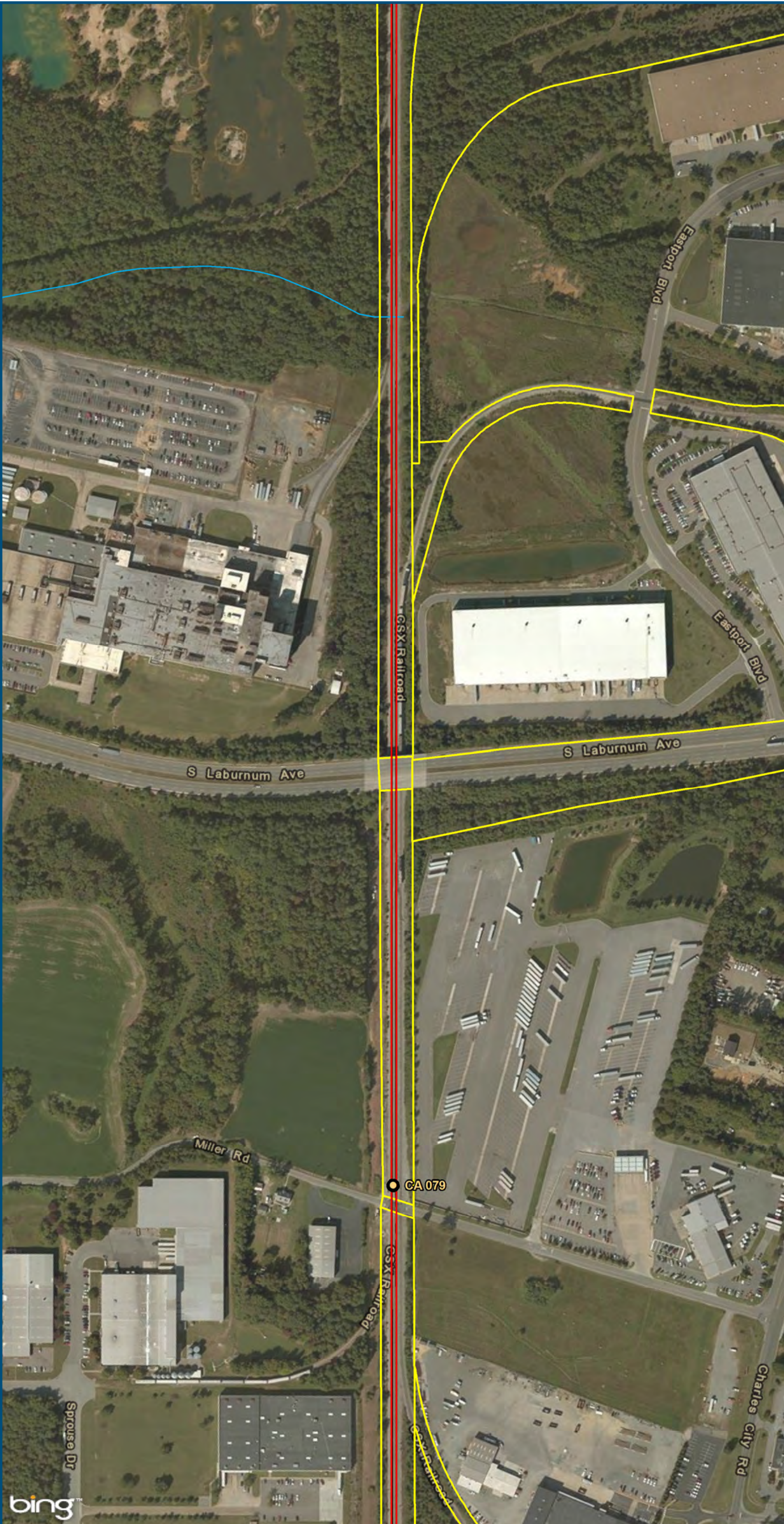
Figure Y-49
Richmond Segment
Hold Bridges
Alignment Option



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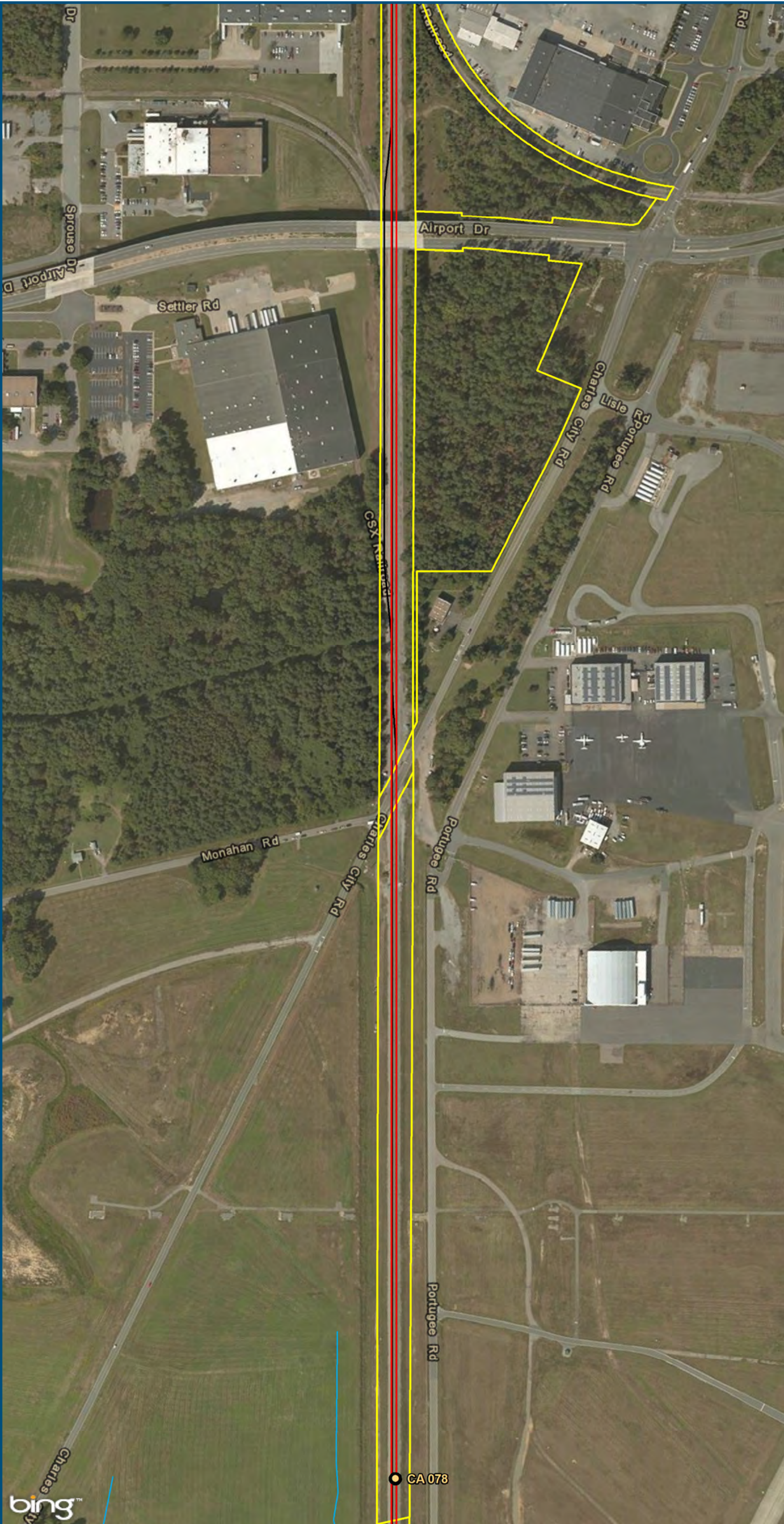


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-50
Richmond Segment
Hold Bridges
Alignment Option

\\cslsmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015

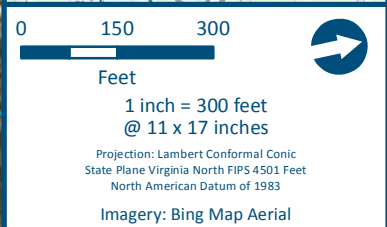
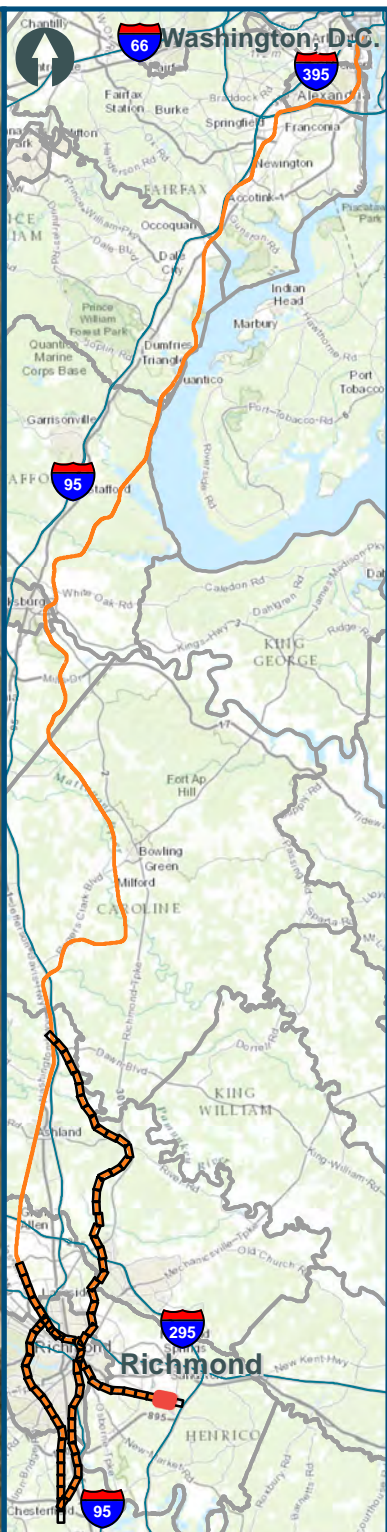
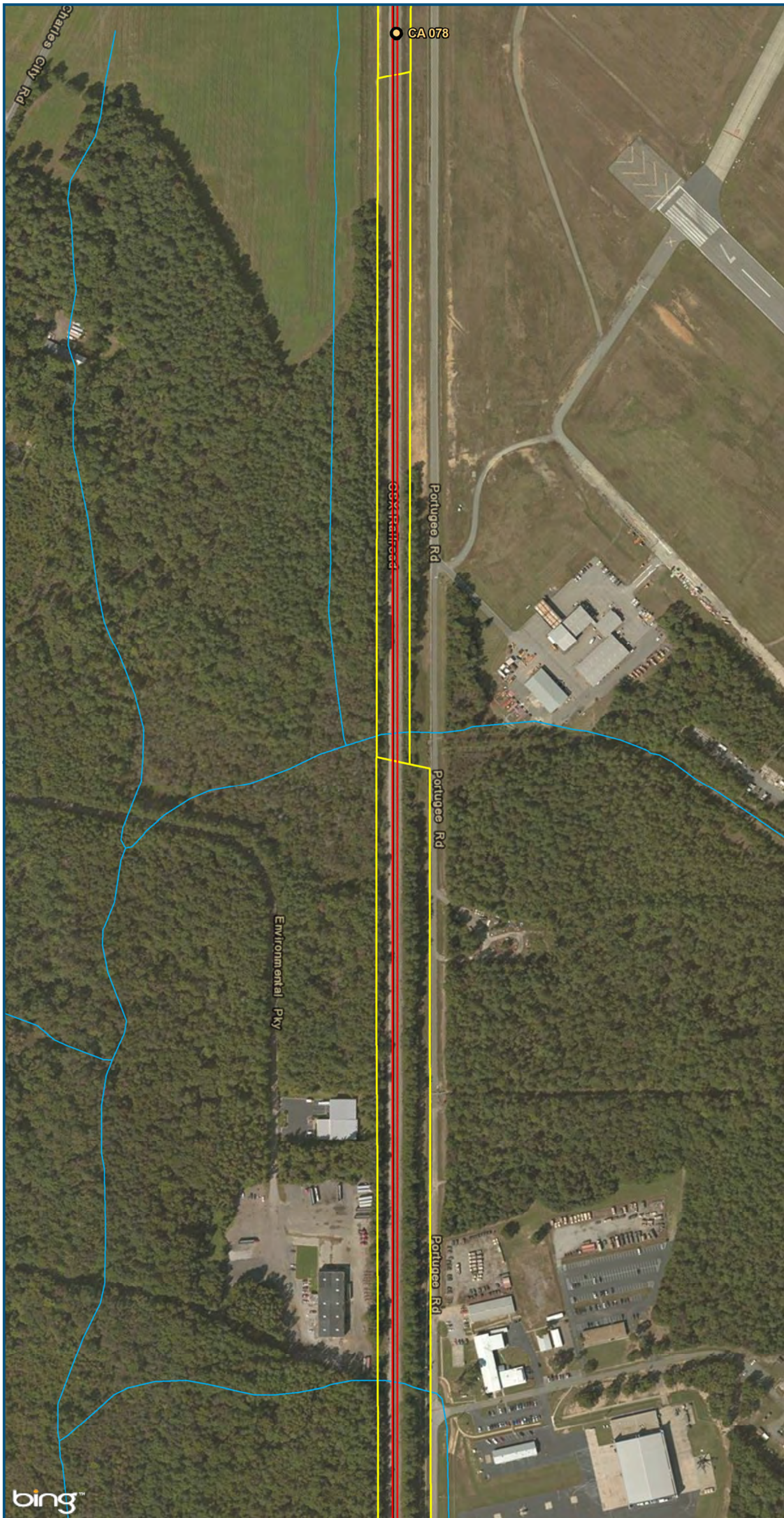


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-51
Richmond Segment
Hold Bridges
Alignment Option

\\cslsmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015

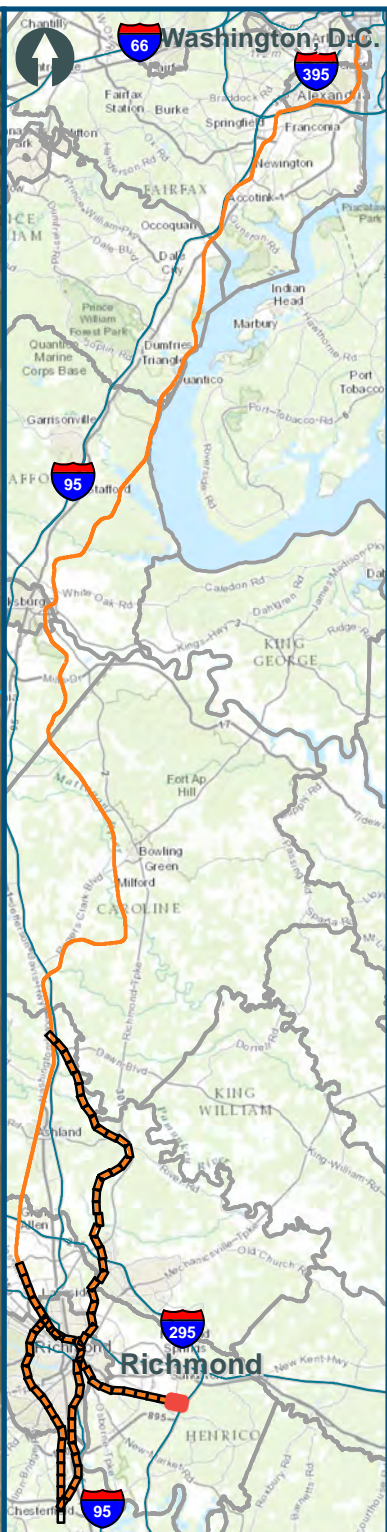
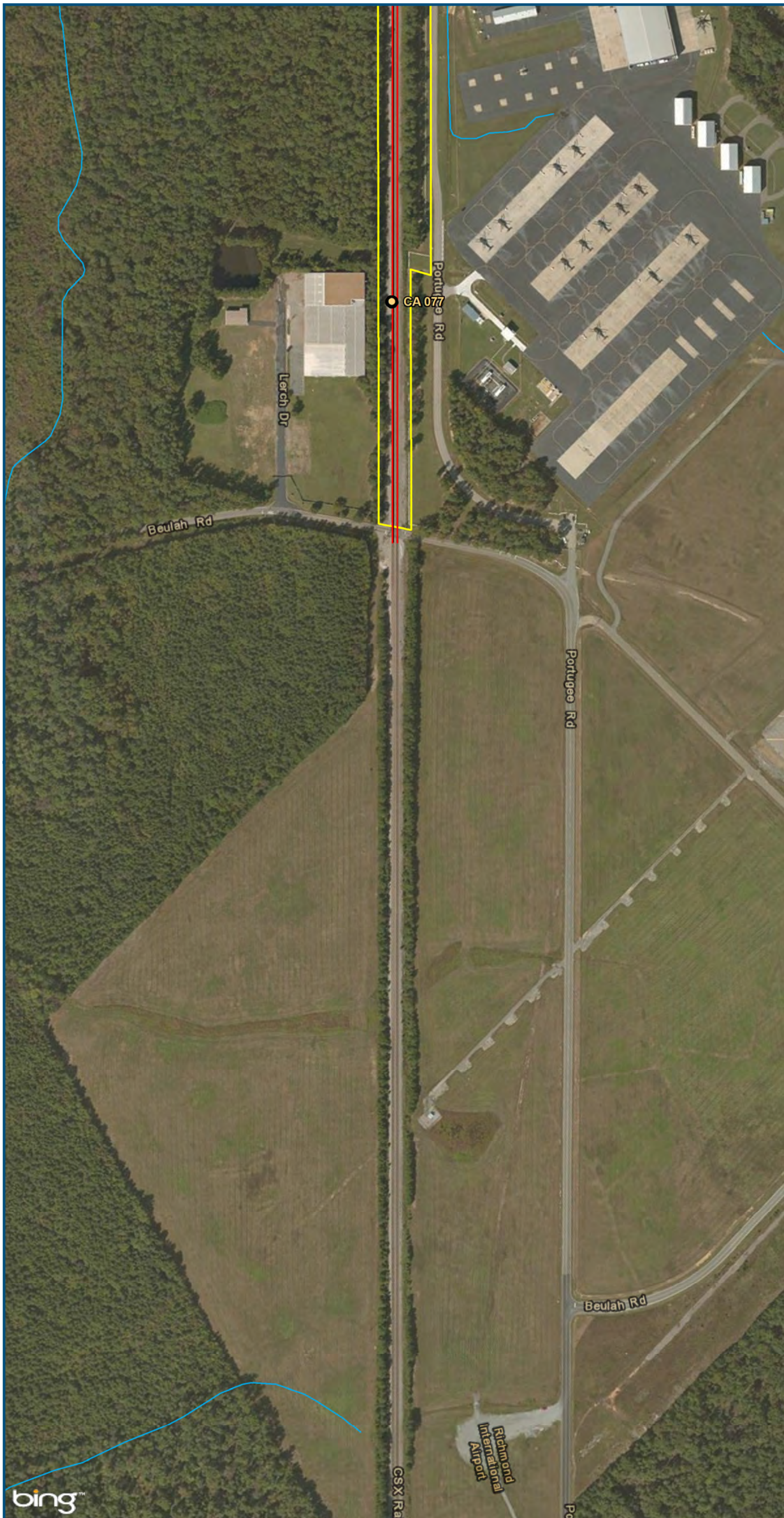


Legend

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

Figure Y-52
Richmond Segment
Hold Bridges
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AIDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015



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
-  Existing Track
-  CSXT Right-of-Way
-  Streams

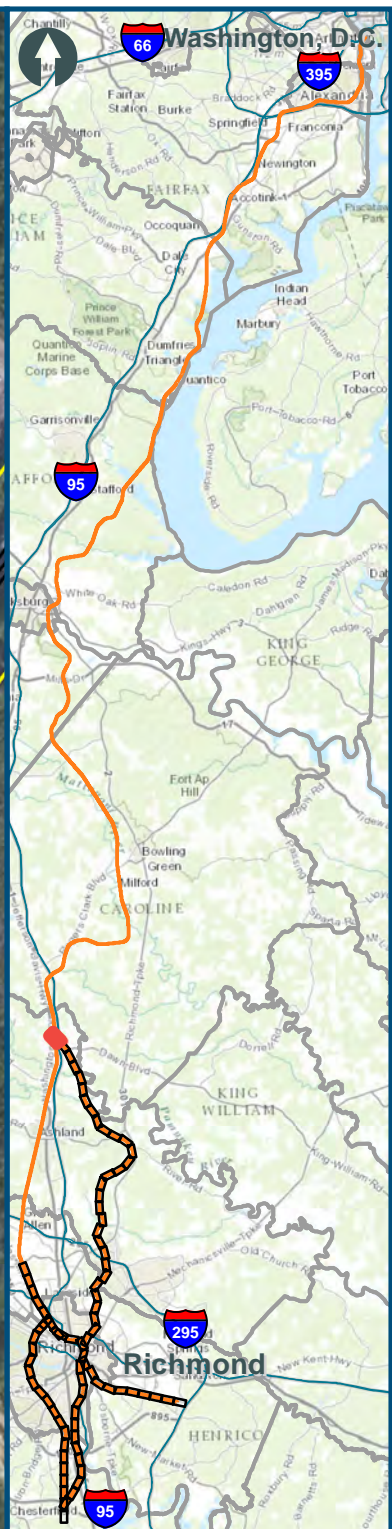
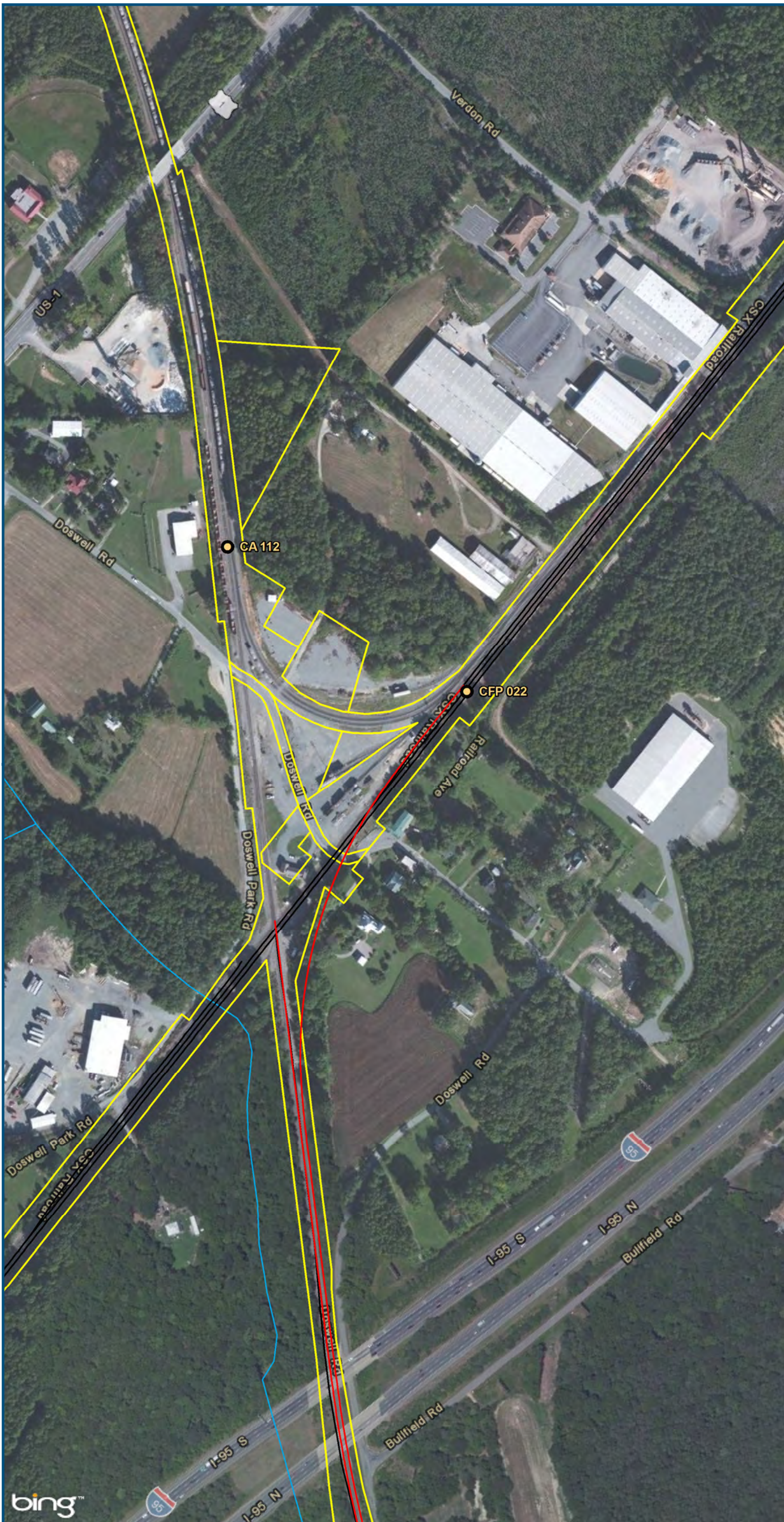
Figure Y-53
Richmond Segment
Hold Bridges
Alignment Option



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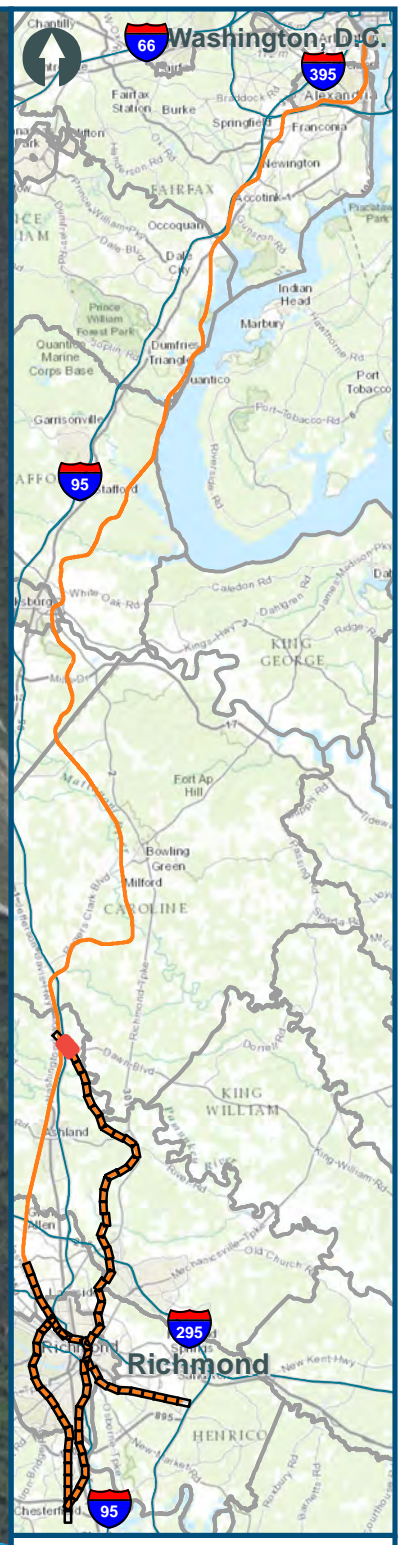


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Y-54
Richmond Segment
Hold Bridges
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015



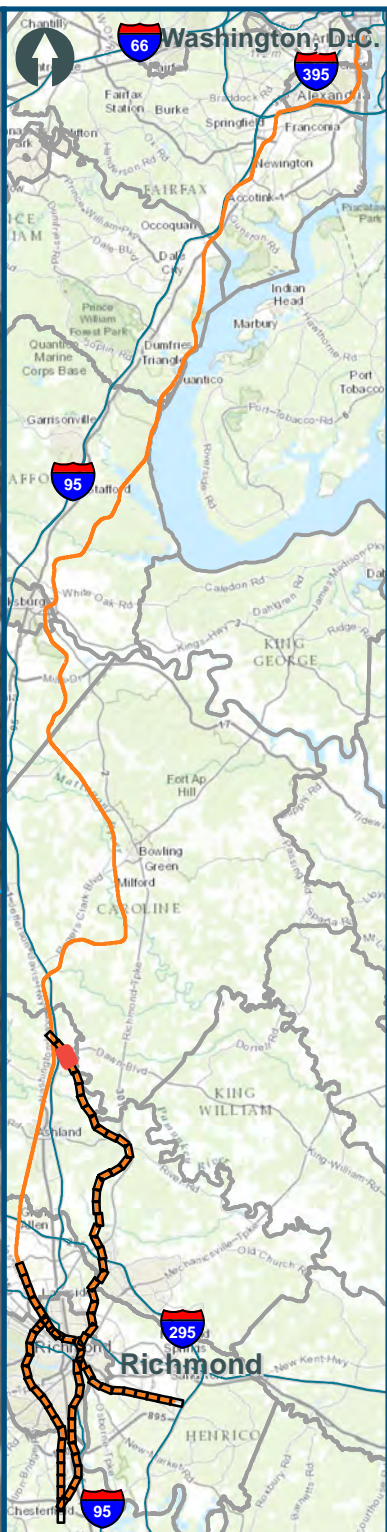
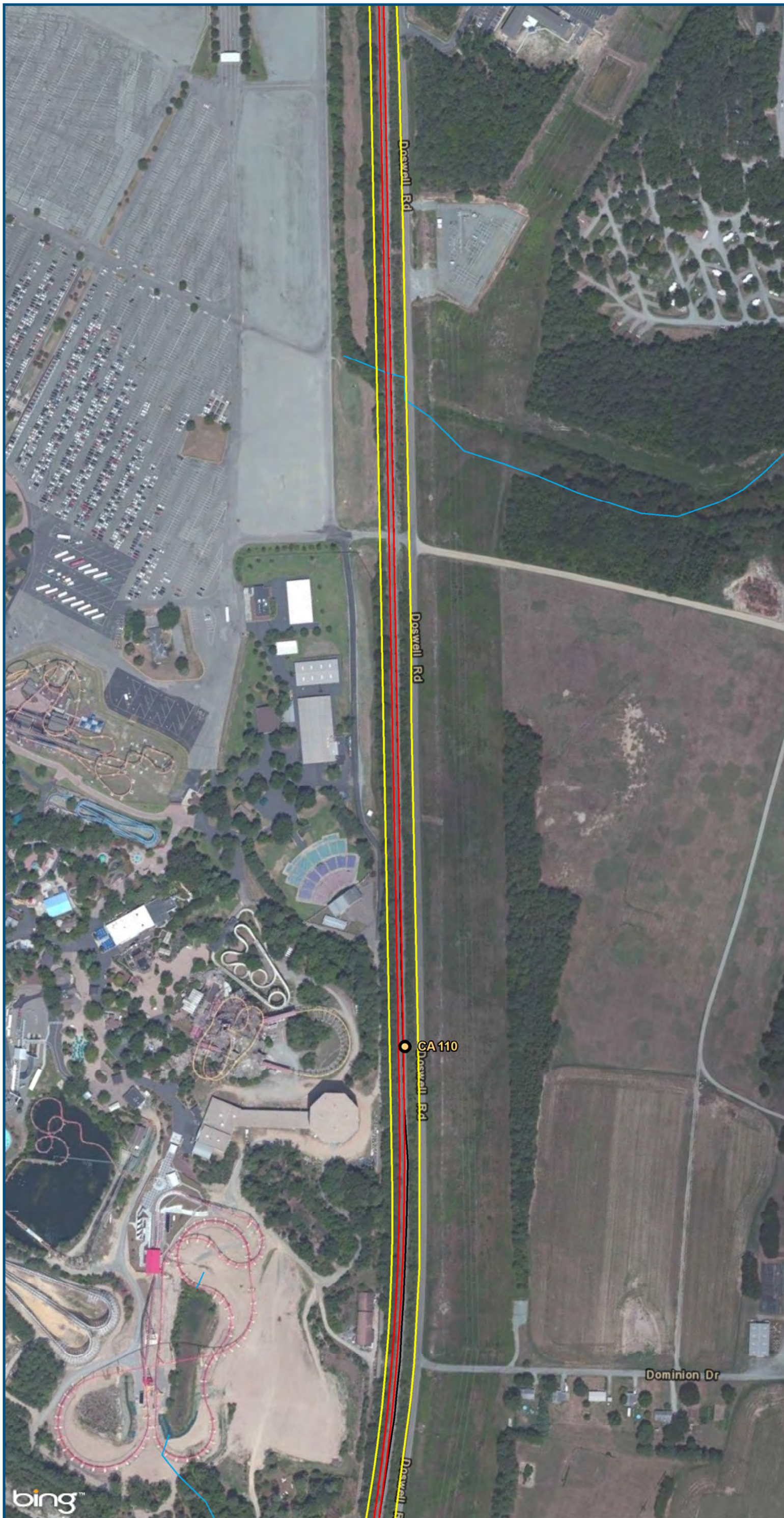
0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Y-55
Richmond Segment
Hold Bridges
Alignment Option

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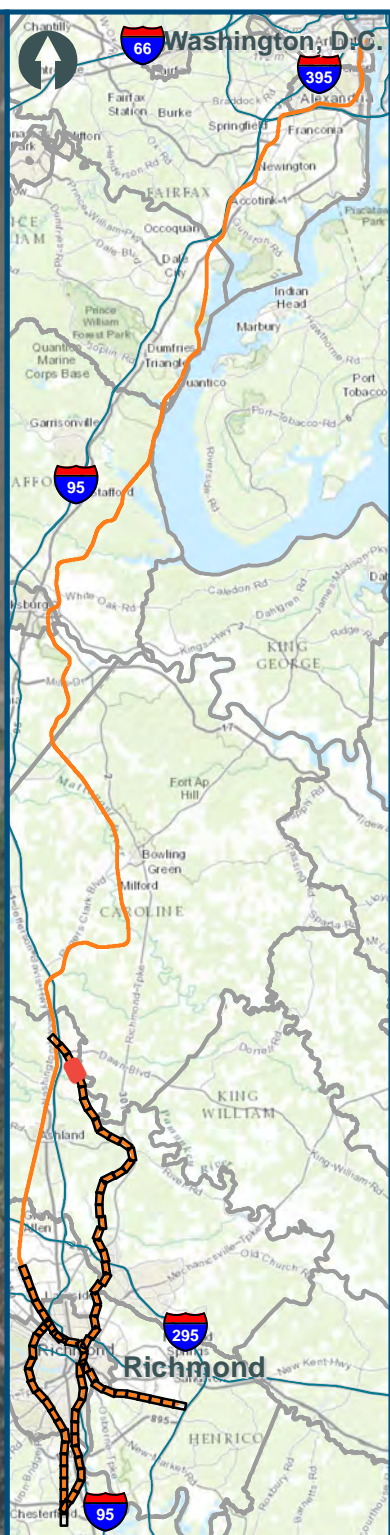
0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

Legend

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

Figure Y-56
Richmond Segment
Hold Bridges
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
 - Existing Track
 - CSXT Right-of-Way
 - Streams

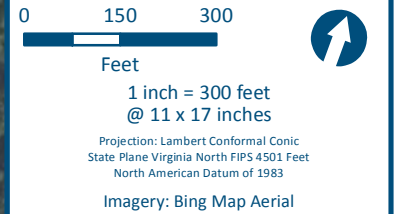
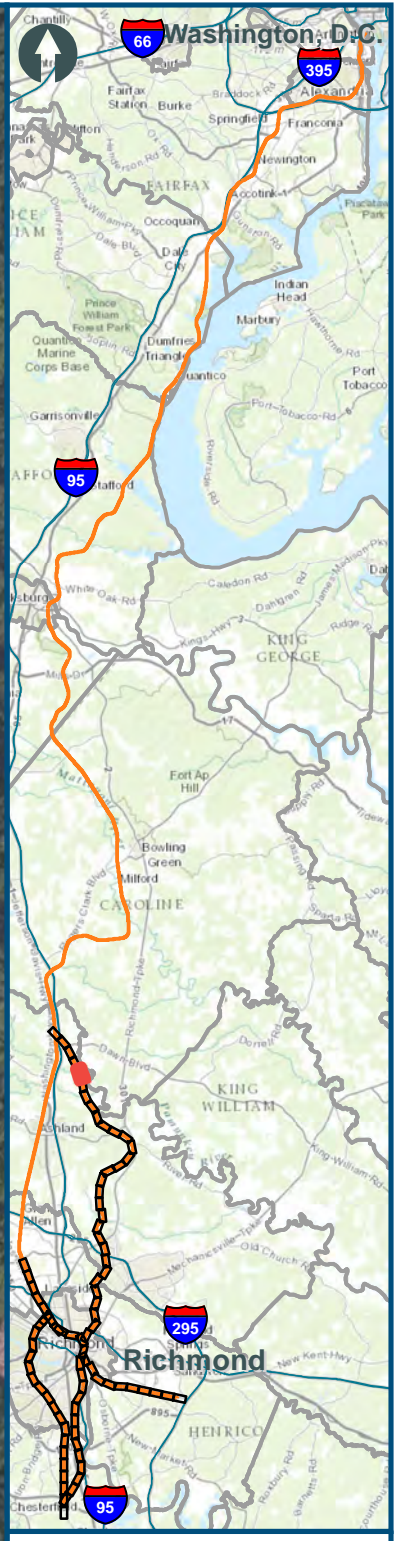
Figure Y-57
Richmond Segment
Hold Bridges
Alignment Option



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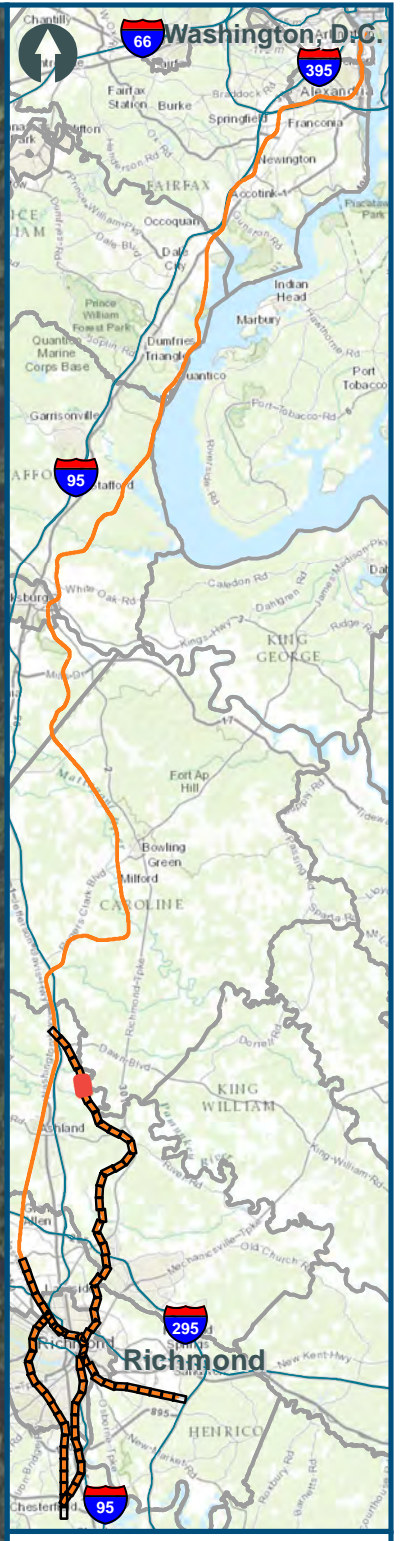
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-58
Richmond Segment
Hold Bridges
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015

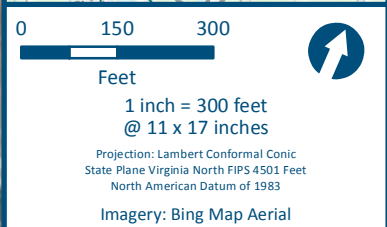
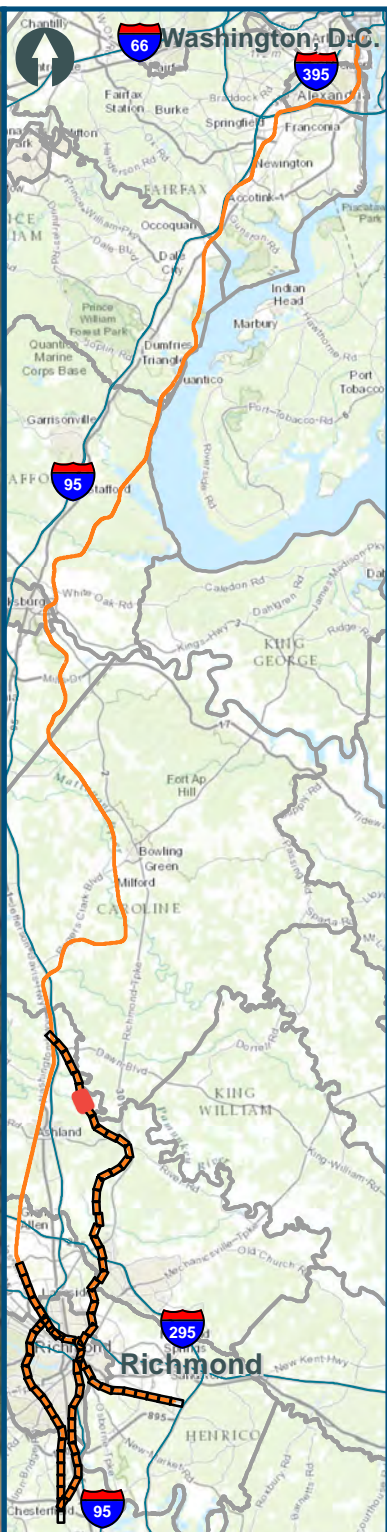


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-59
Richmond Segment
Hold Bridges
Alignment Option

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

Figure Y-60
Richmond Segment
Hold Bridges
Alignment Option

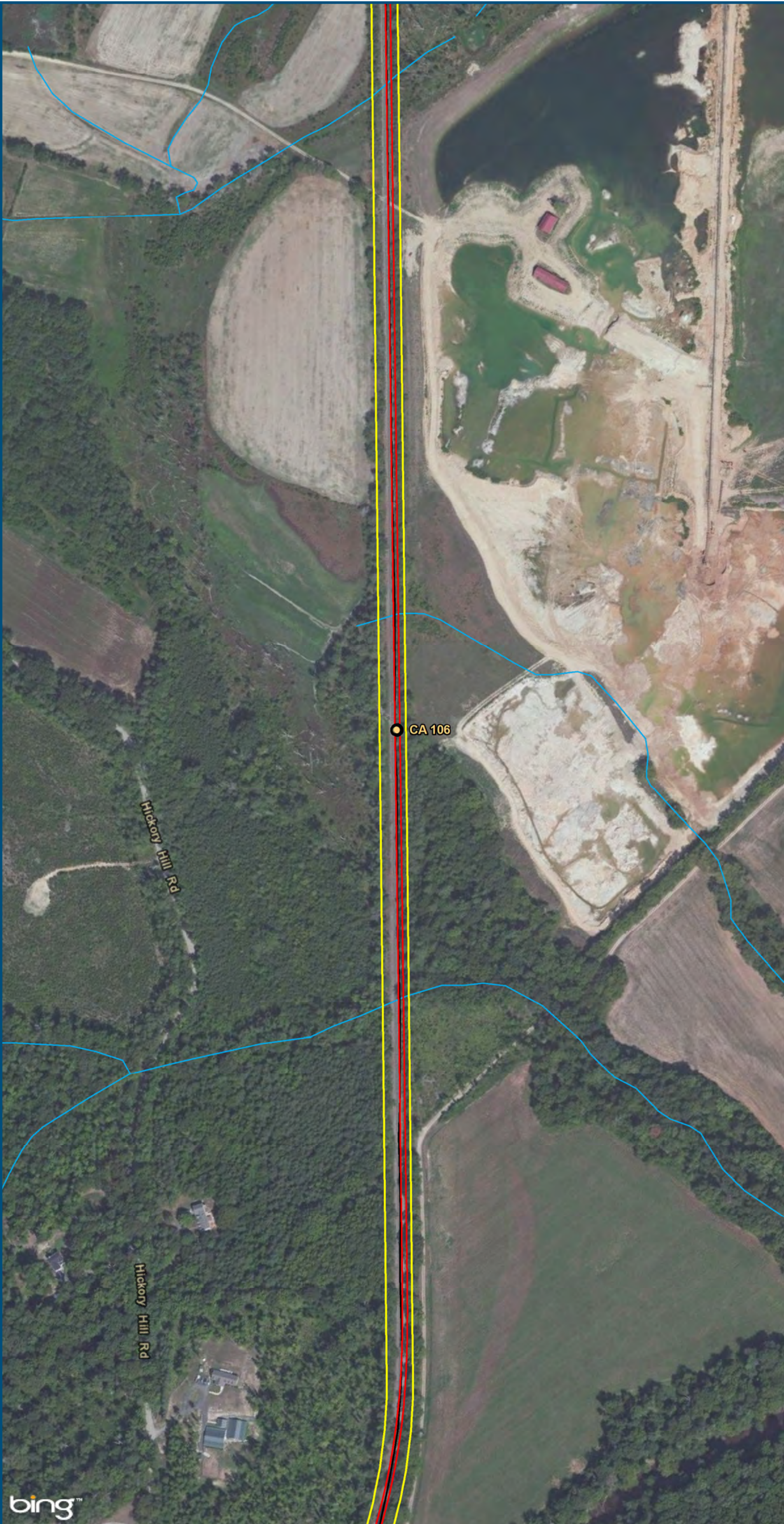


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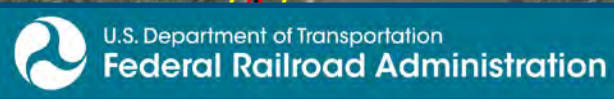
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0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

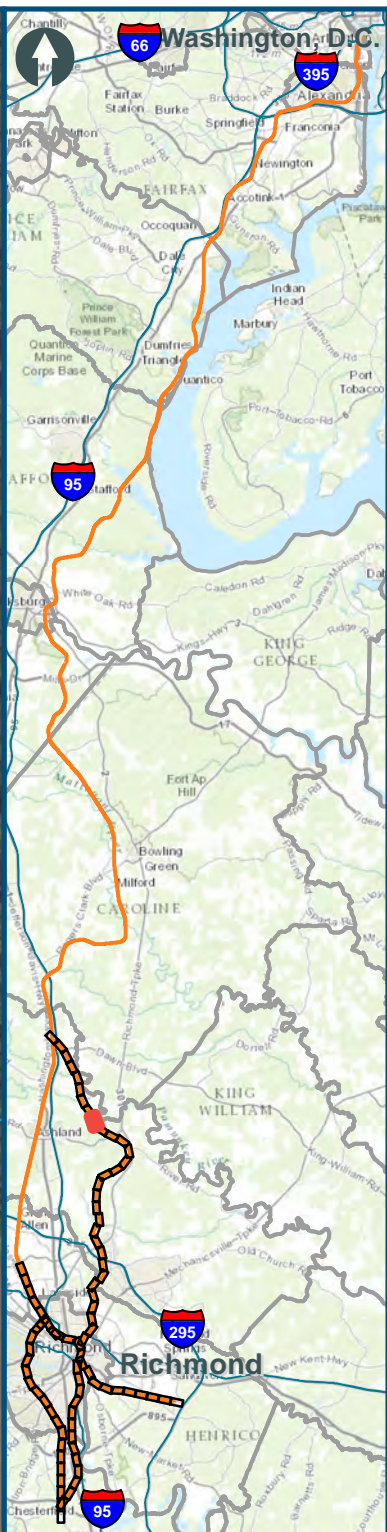
Figure Y-61
Richmond Segment
Hold Bridges
Alignment Option



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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
-  Existing Track
-  CSXT Right-of-Way
-  Streams

Figure Y-62
Richmond Segment
Hold Bridges
Alignment Option

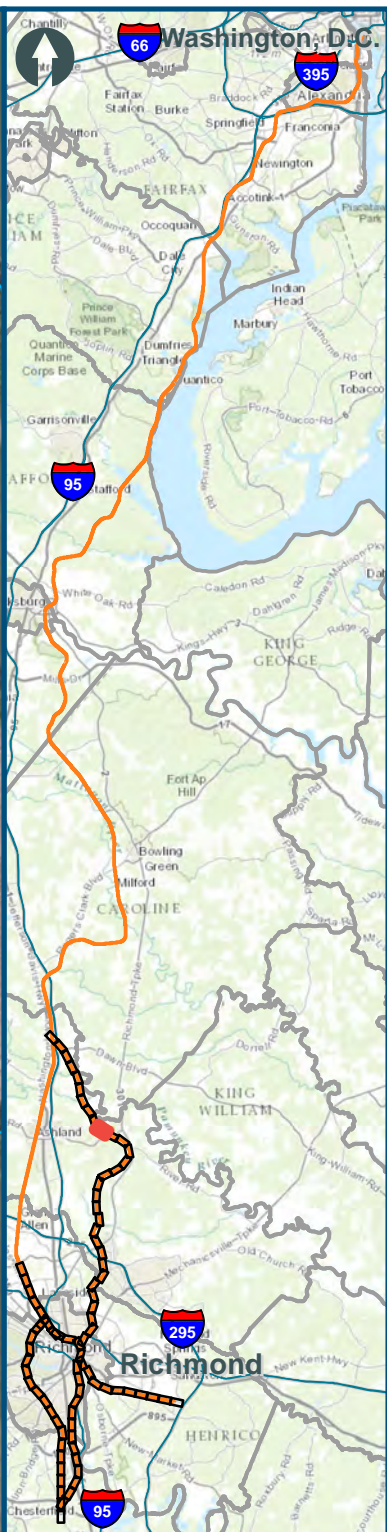
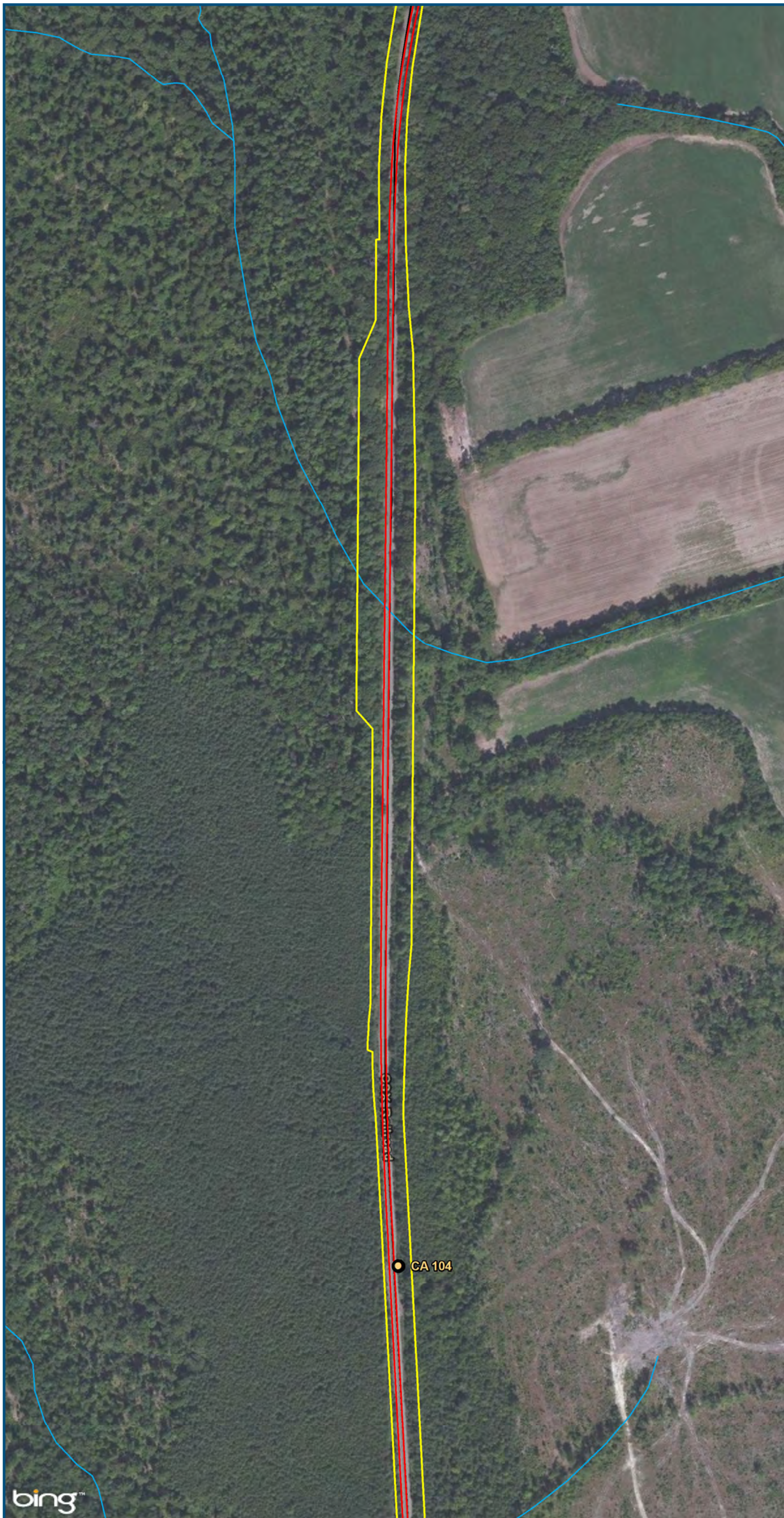


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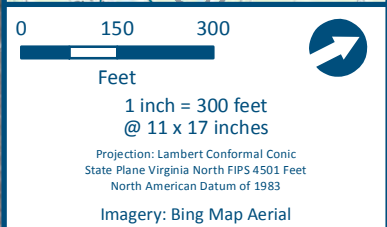
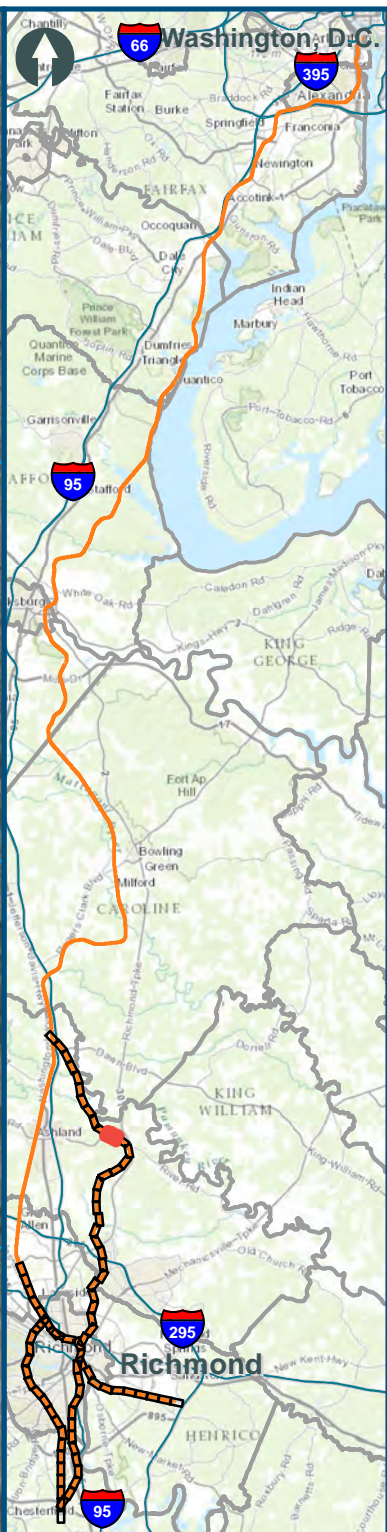
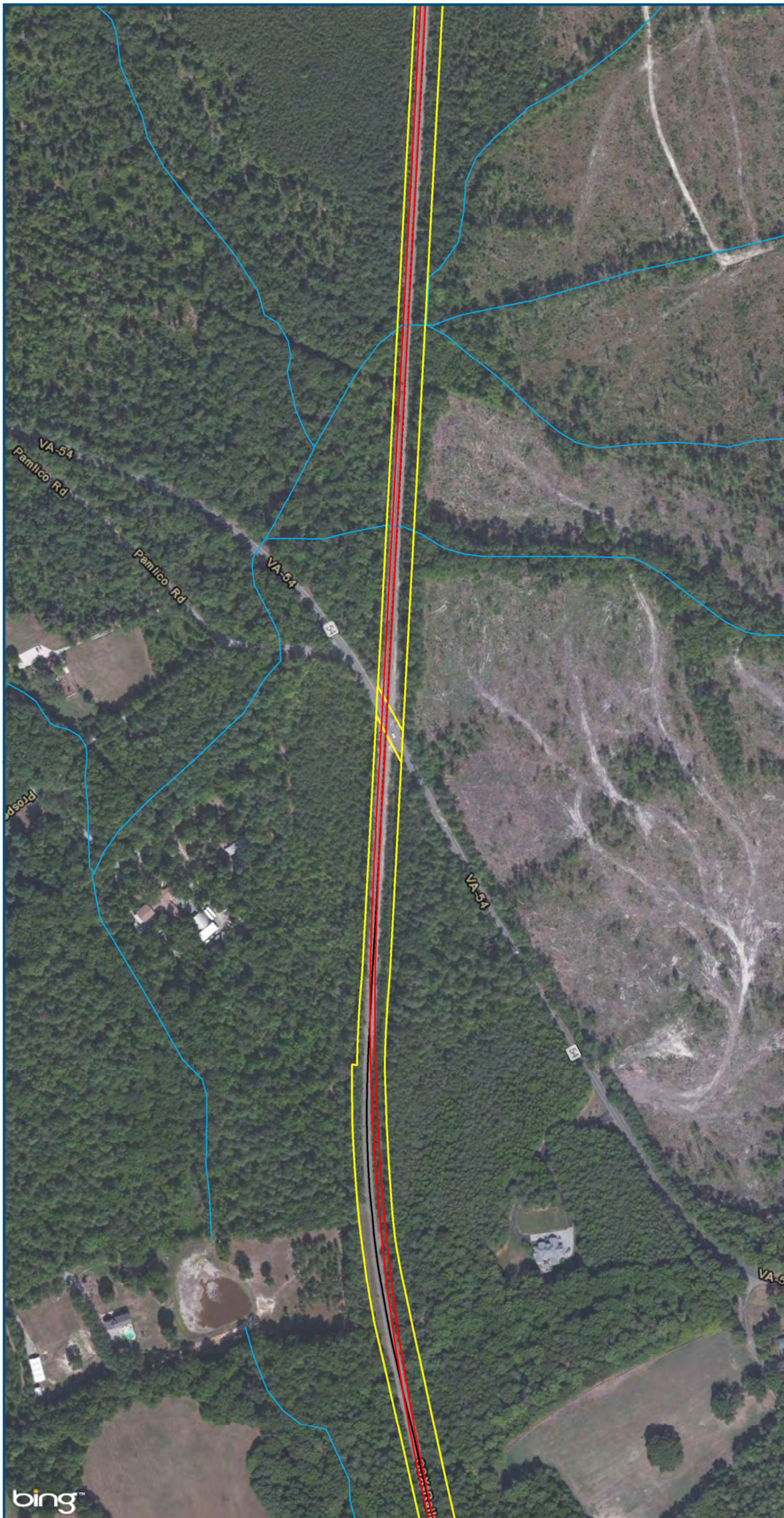


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-63
Richmond Segment
Hold Bridges
Alignment Option

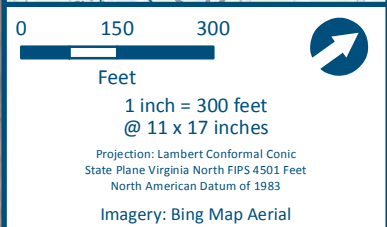
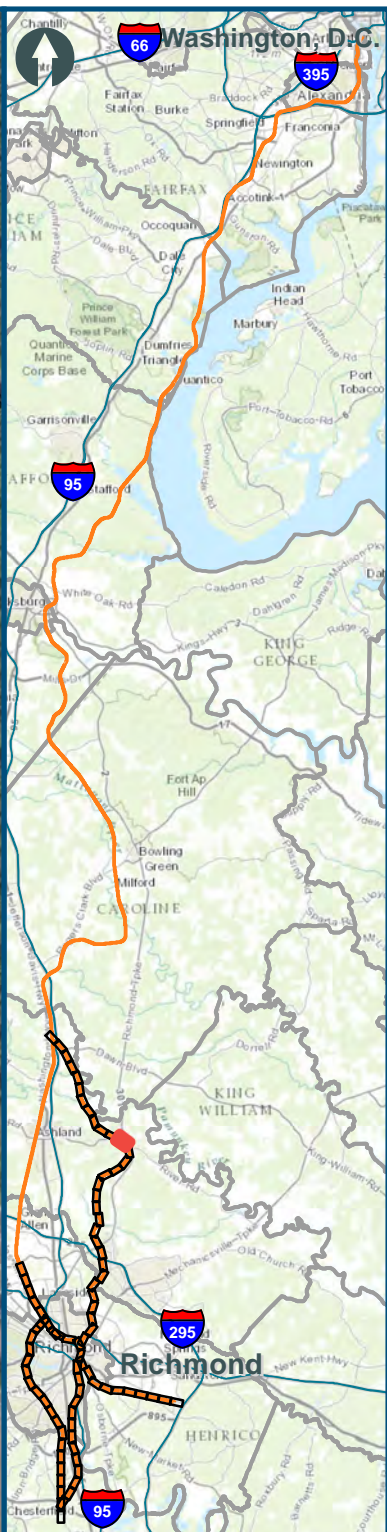
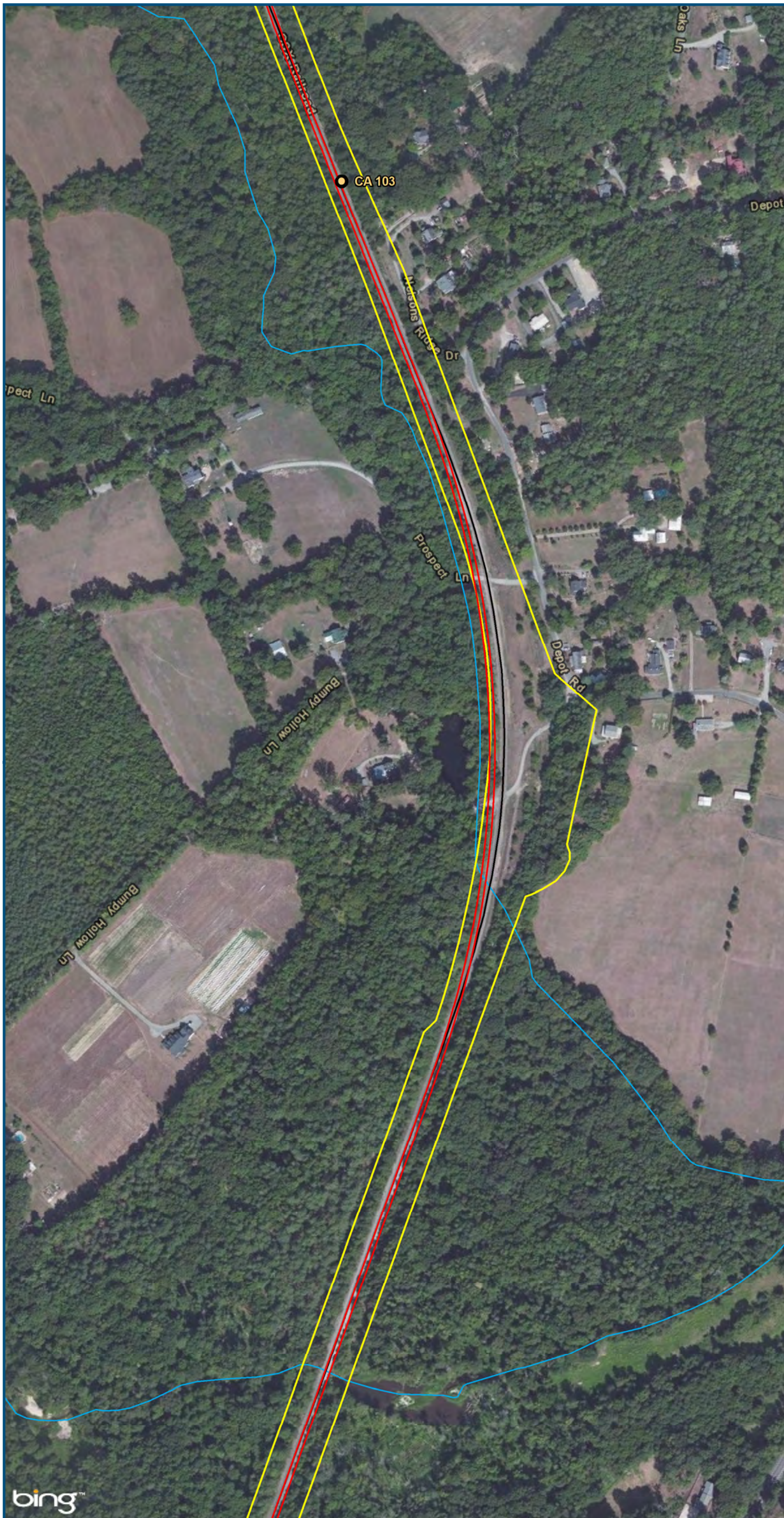
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-64
Richmond Segment
Hold Bridges
Alignment Option

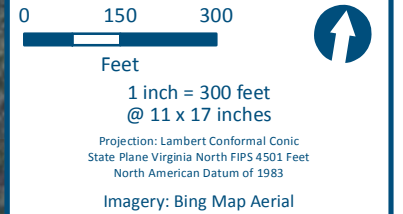
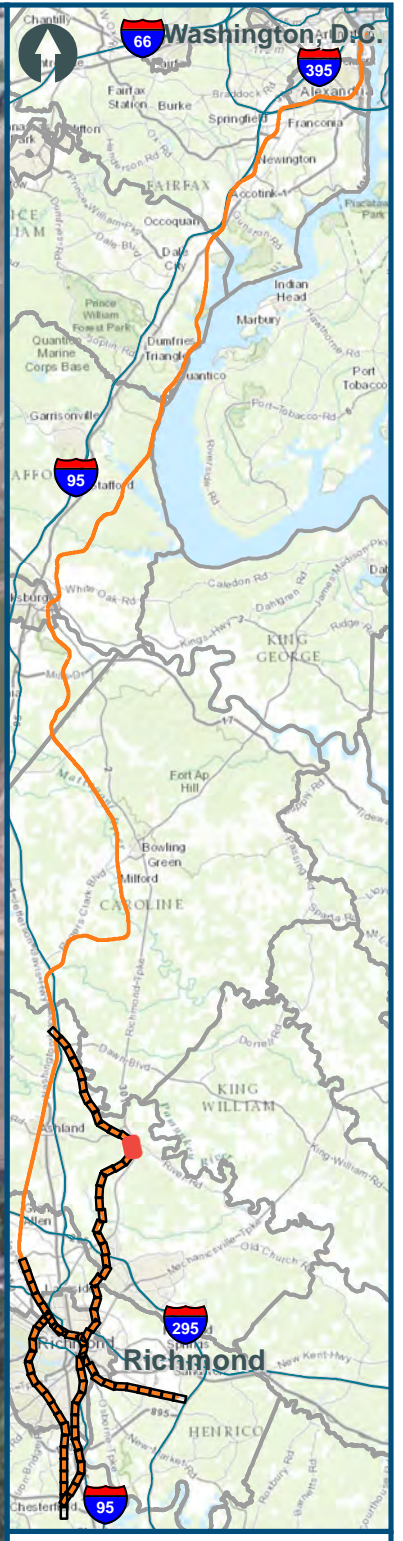
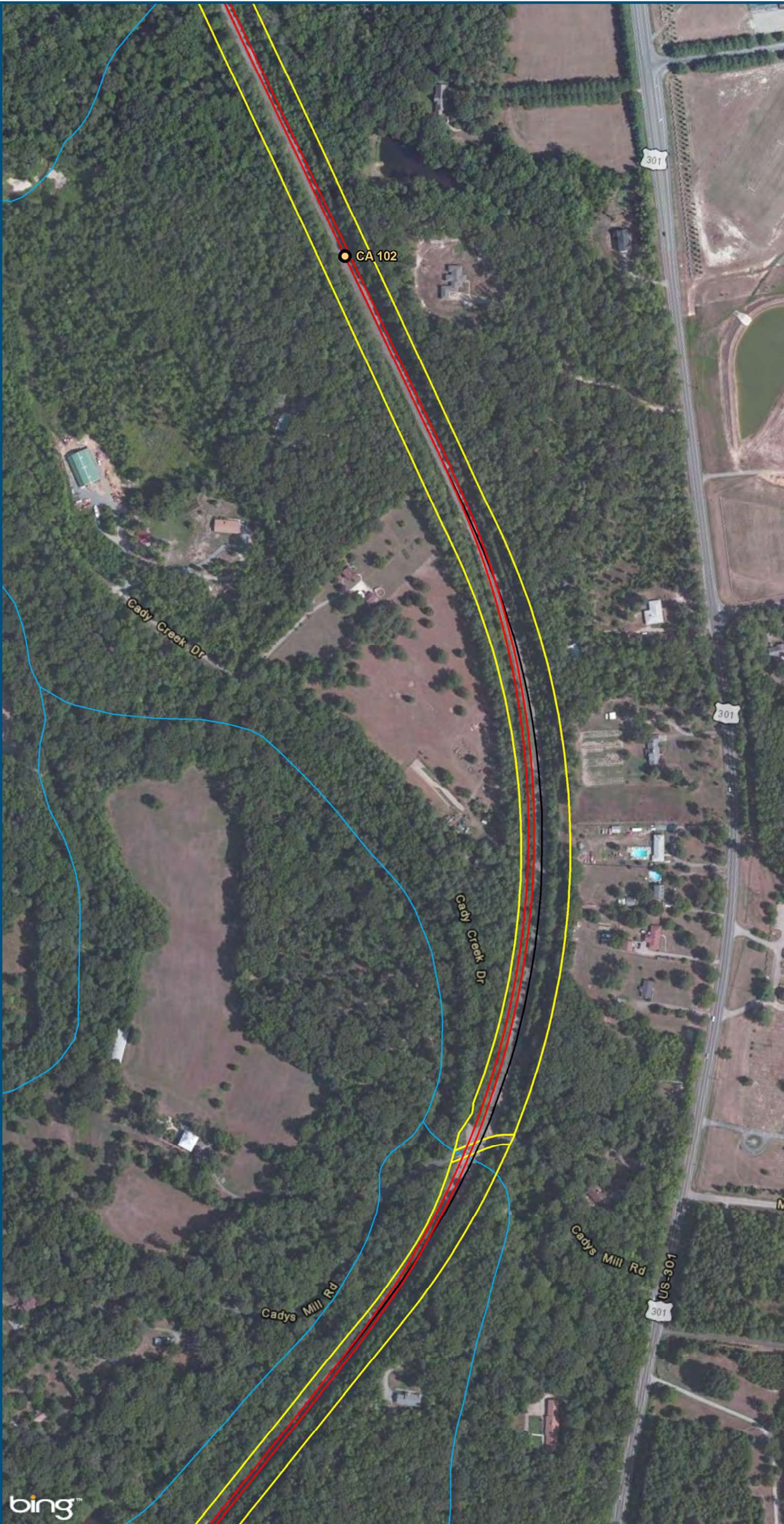
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-65
Richmond Segment
Hold Bridges
Alignment Option

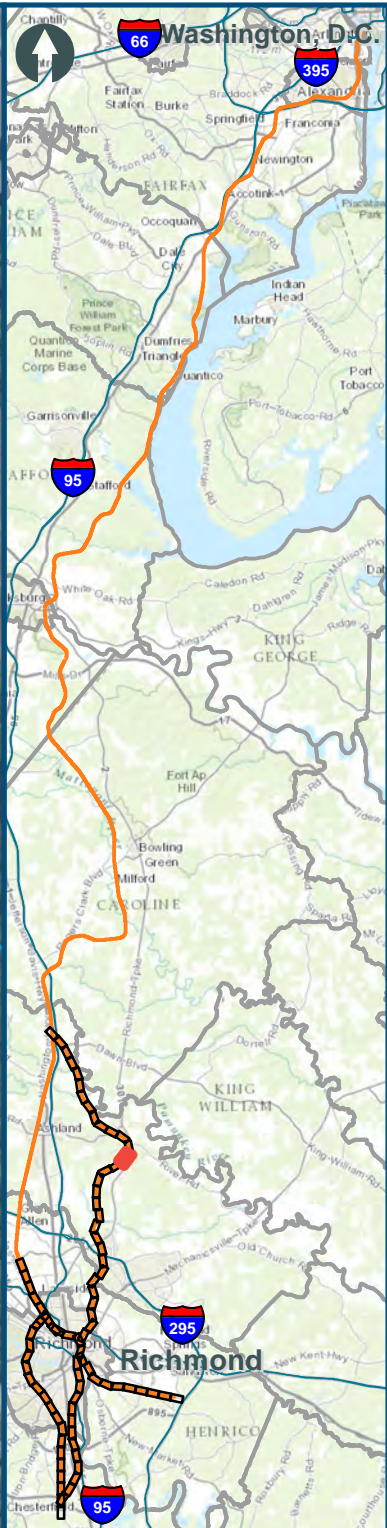
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-66
Richmond Segment
Hold Bridges
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4\Dev-ConceptEng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridges_Alignments_11x17.mxd | Last Updated: 12.08.2015



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
- Existing Track
- CSXT Right-of-Way
- Streams

Figure Y-67
Richmond Segment
Hold Bridges
Alignment Option

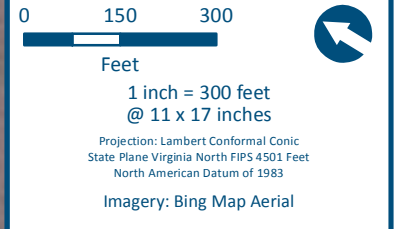
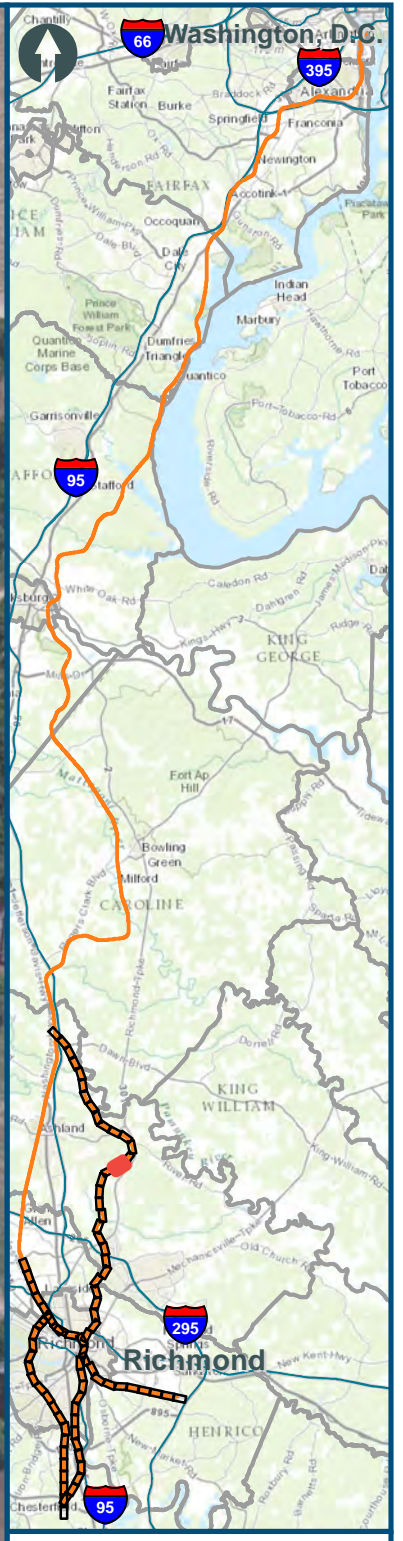
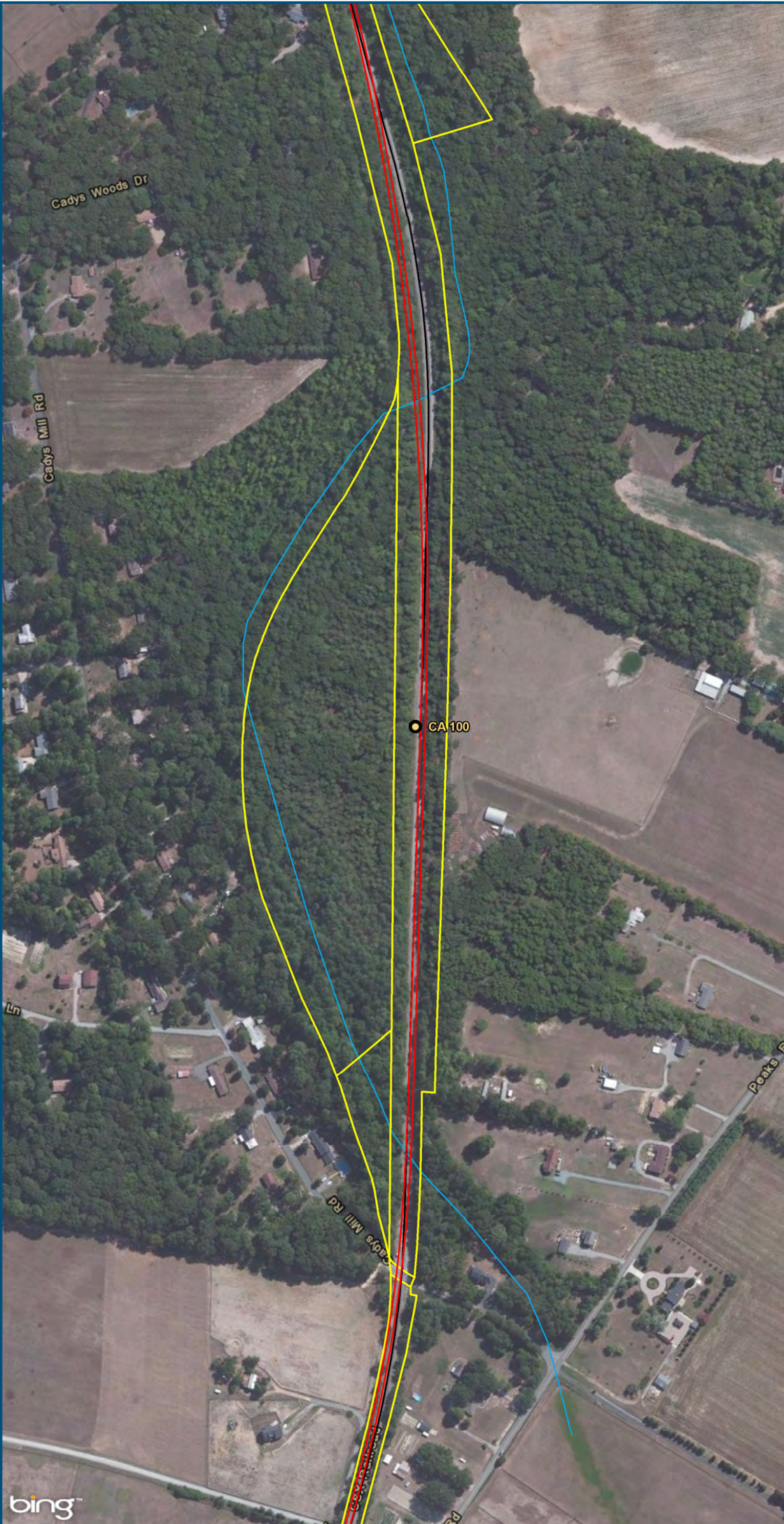


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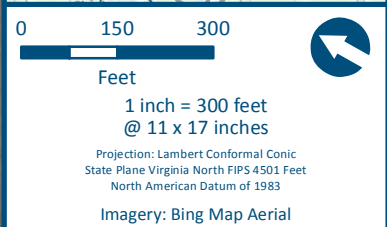
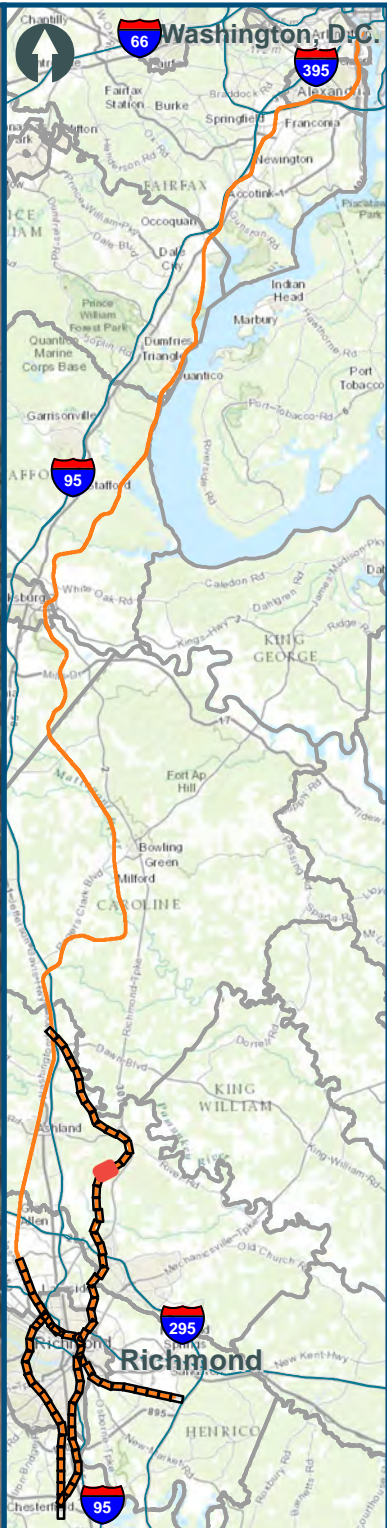
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

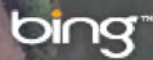
Figure Y-68
Richmond Segment
Hold Bridges
Alignment Option

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

Figure Y-69
Richmond Segment
Hold Bridges
Alignment Option

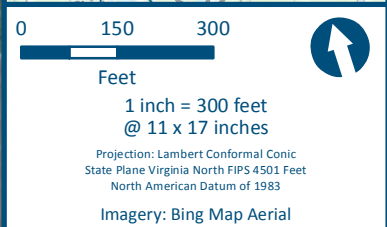
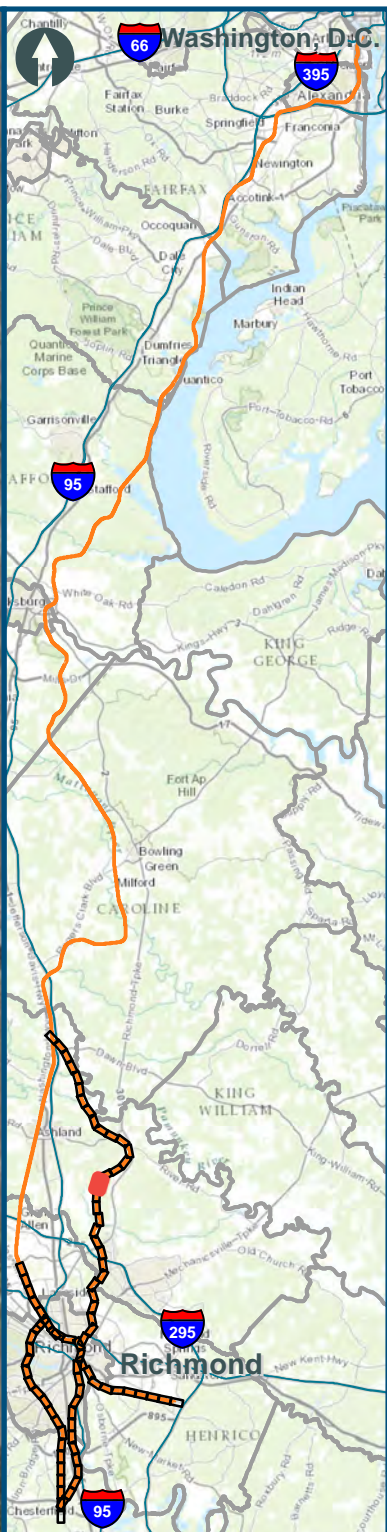
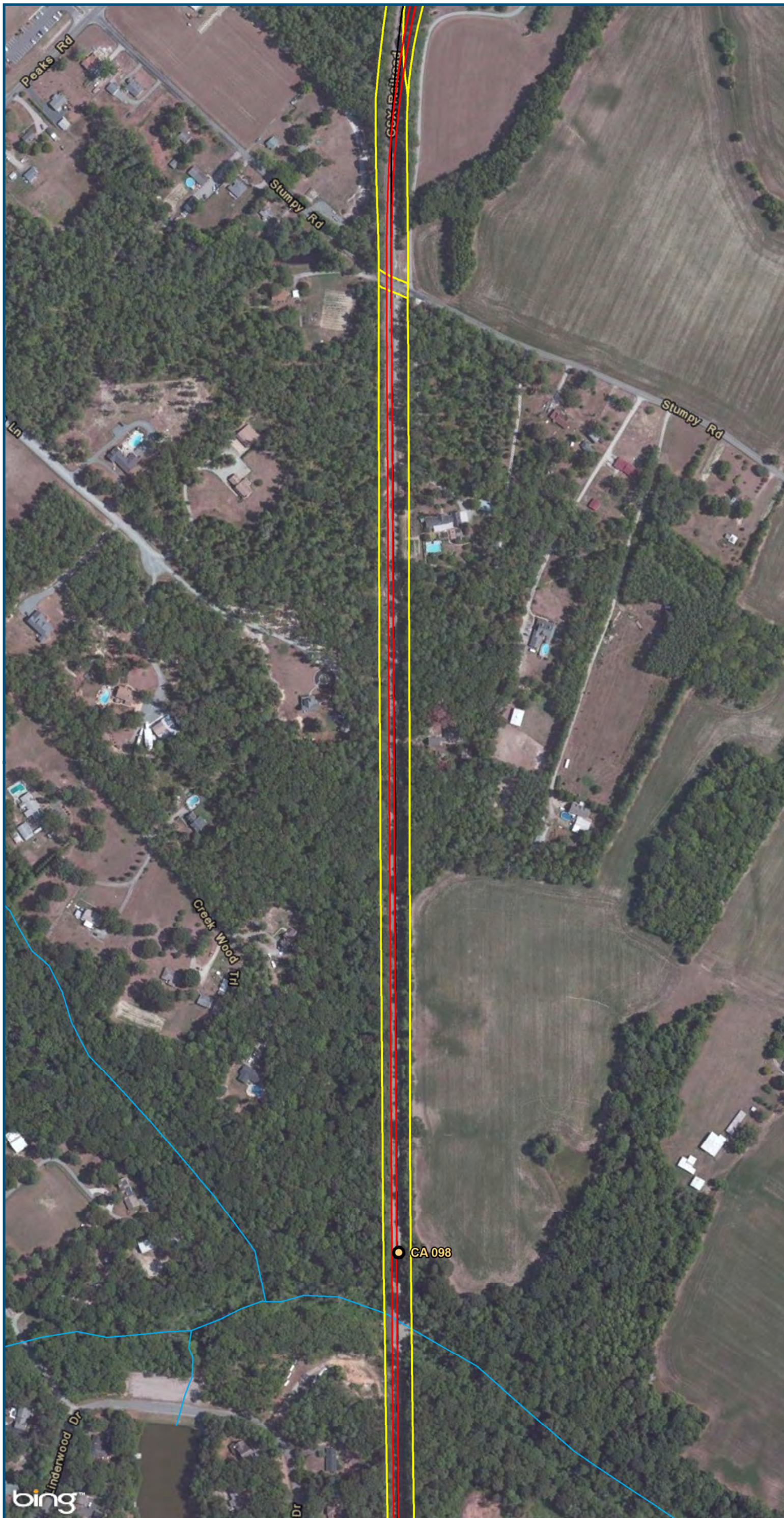


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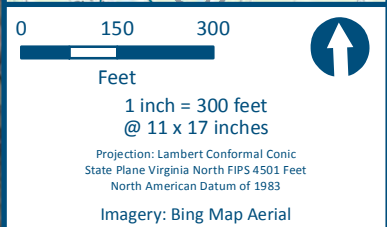
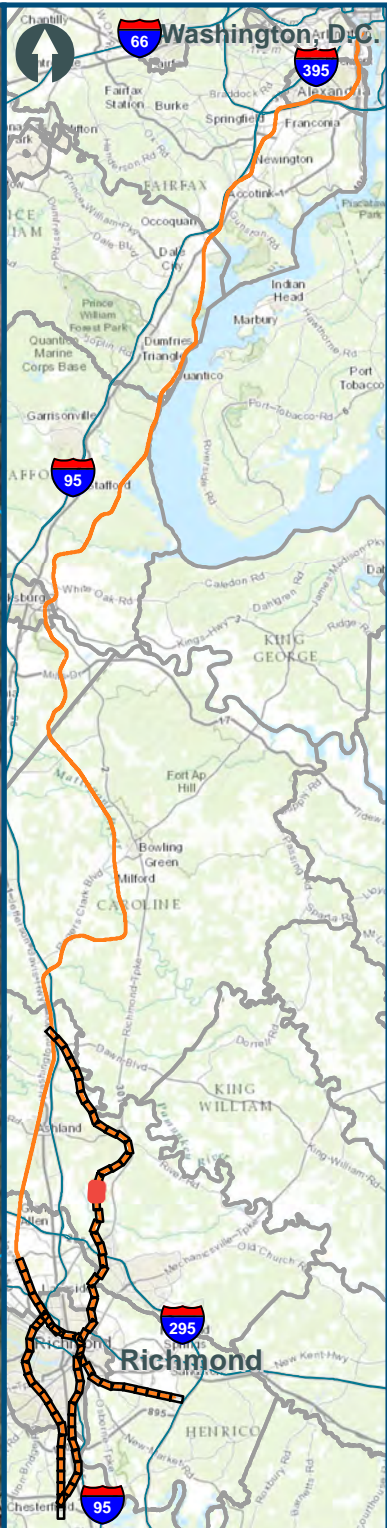
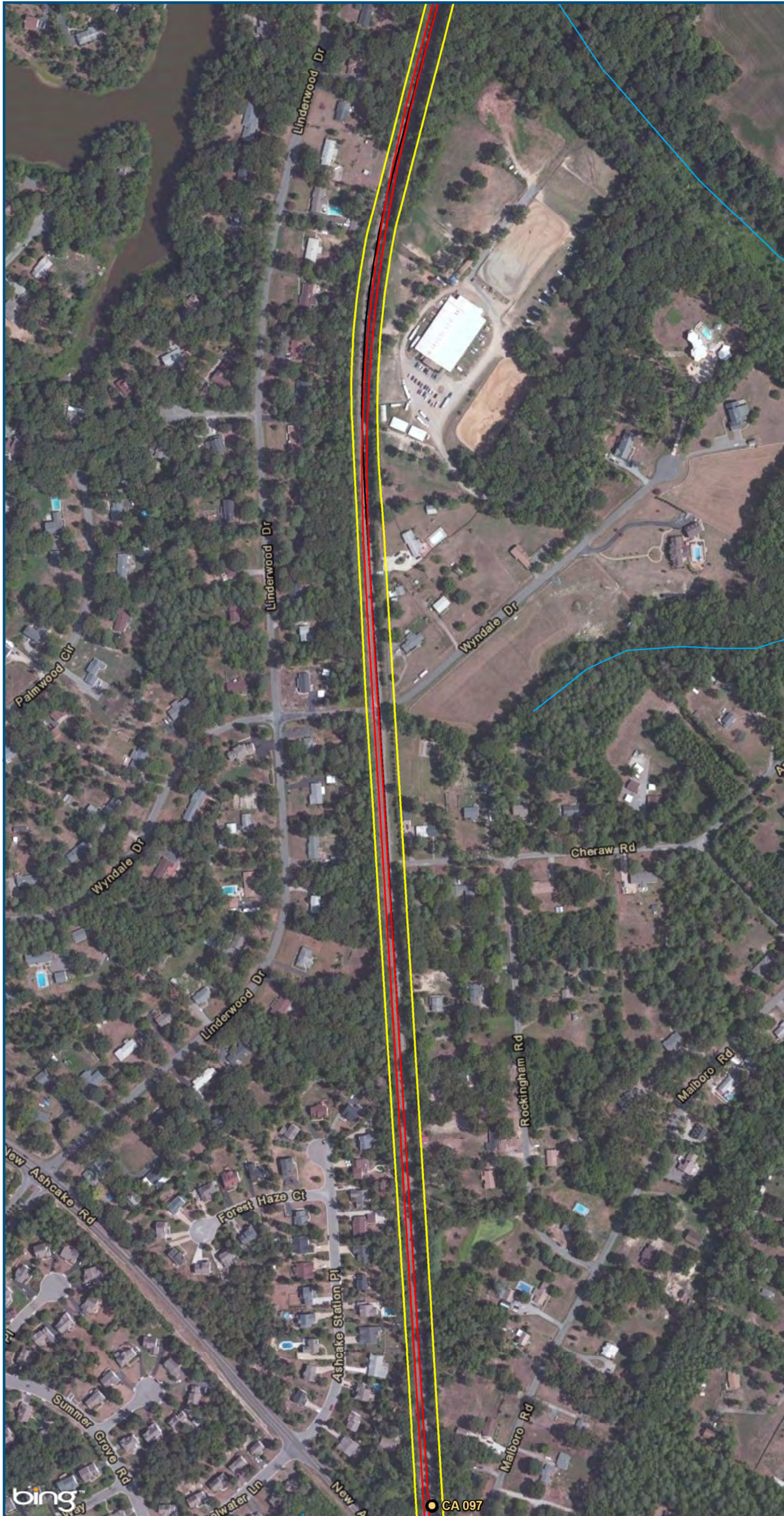
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

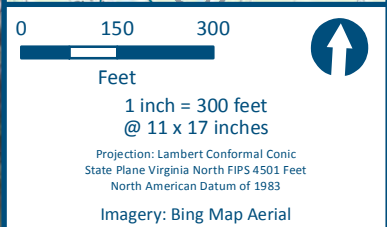
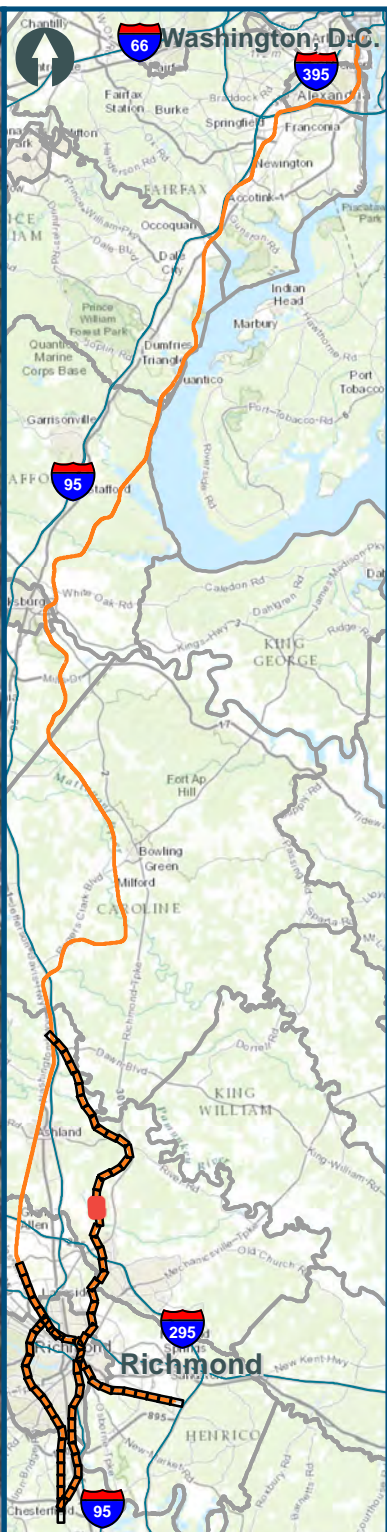
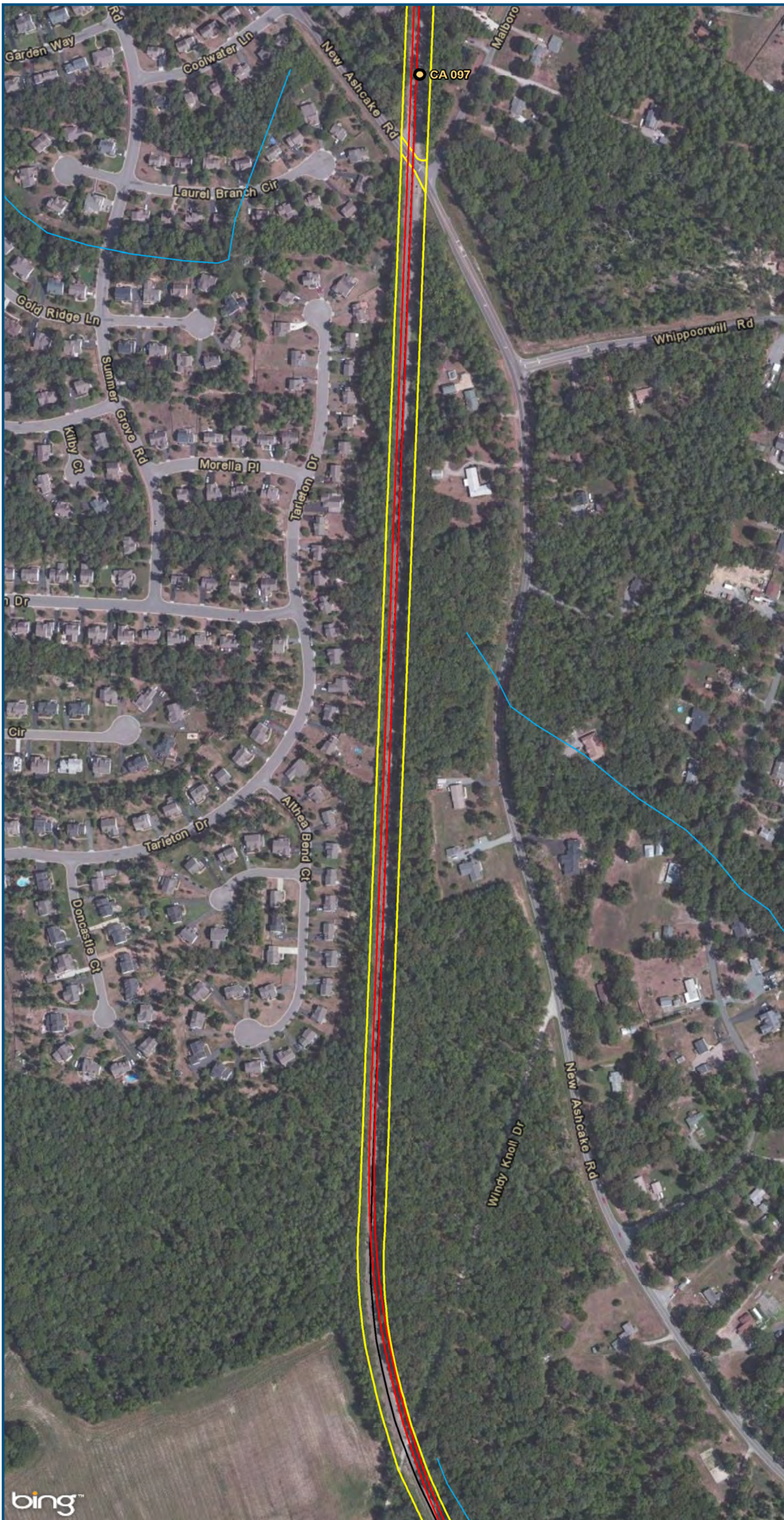
Figure Y-70
Richmond Segment
Hold Bridges
Alignment Option

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

Figure Y-71
Richmond Segment
Hold Bridges
Alignment Option



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

Figure Y-72
Richmond Segment
Hold Bridges
Alignment Option

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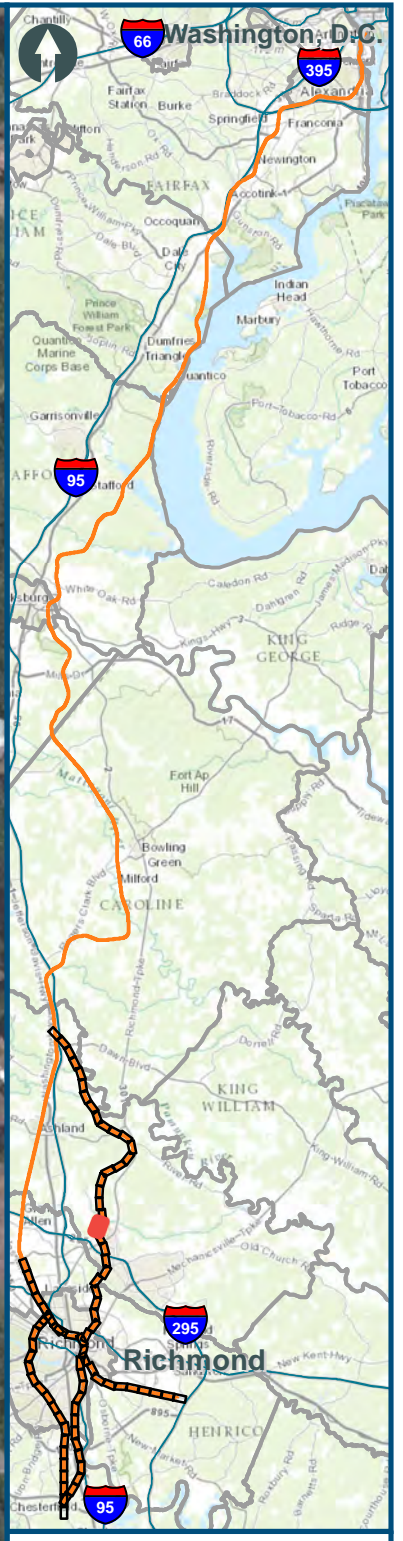


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-73
Richmond Segment
Hold Bridges
Alignment Option

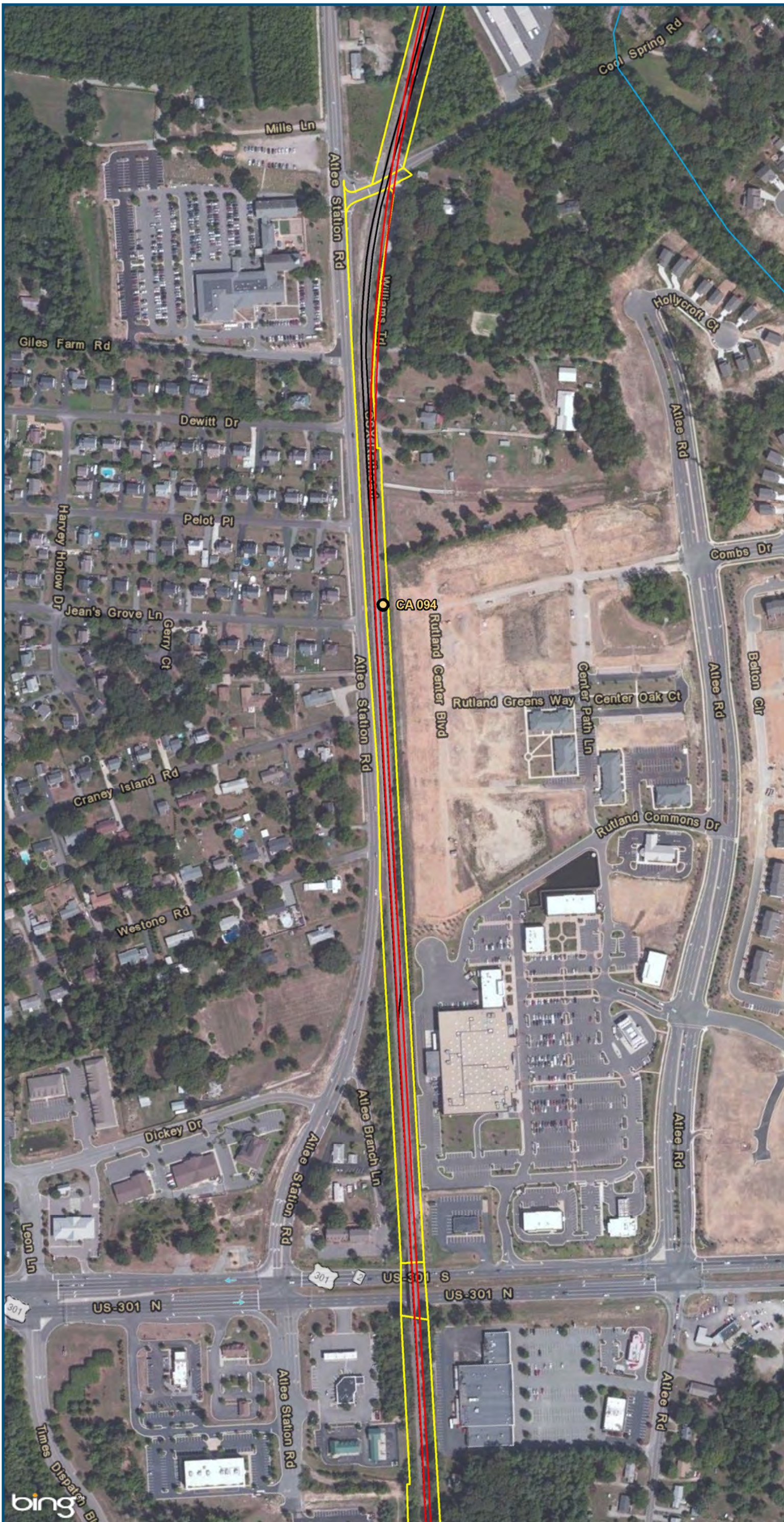
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0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-74
Richmond Segment
Hold Bridges
Alignment Option



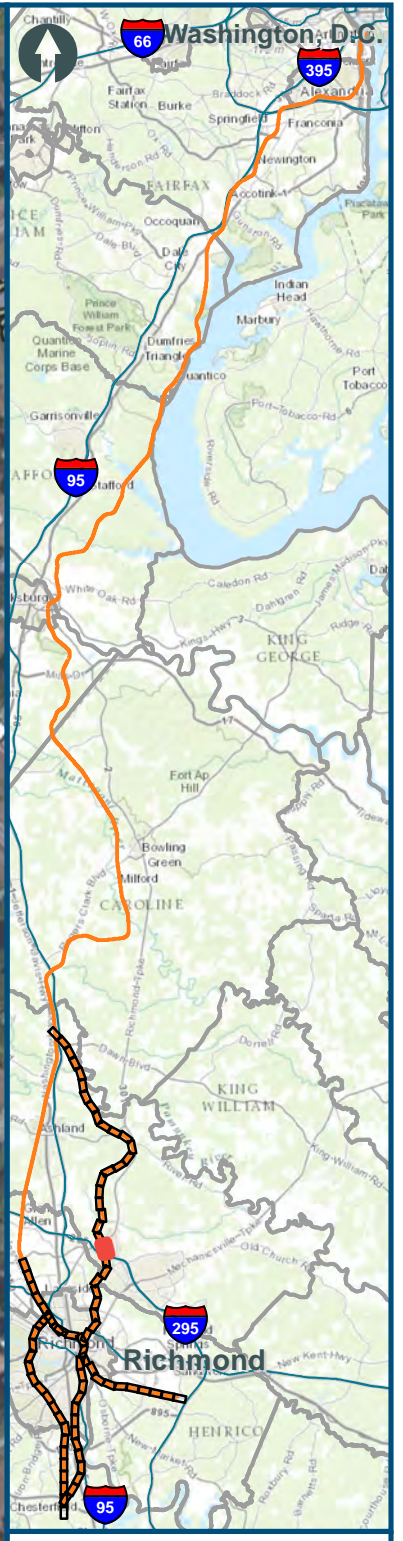
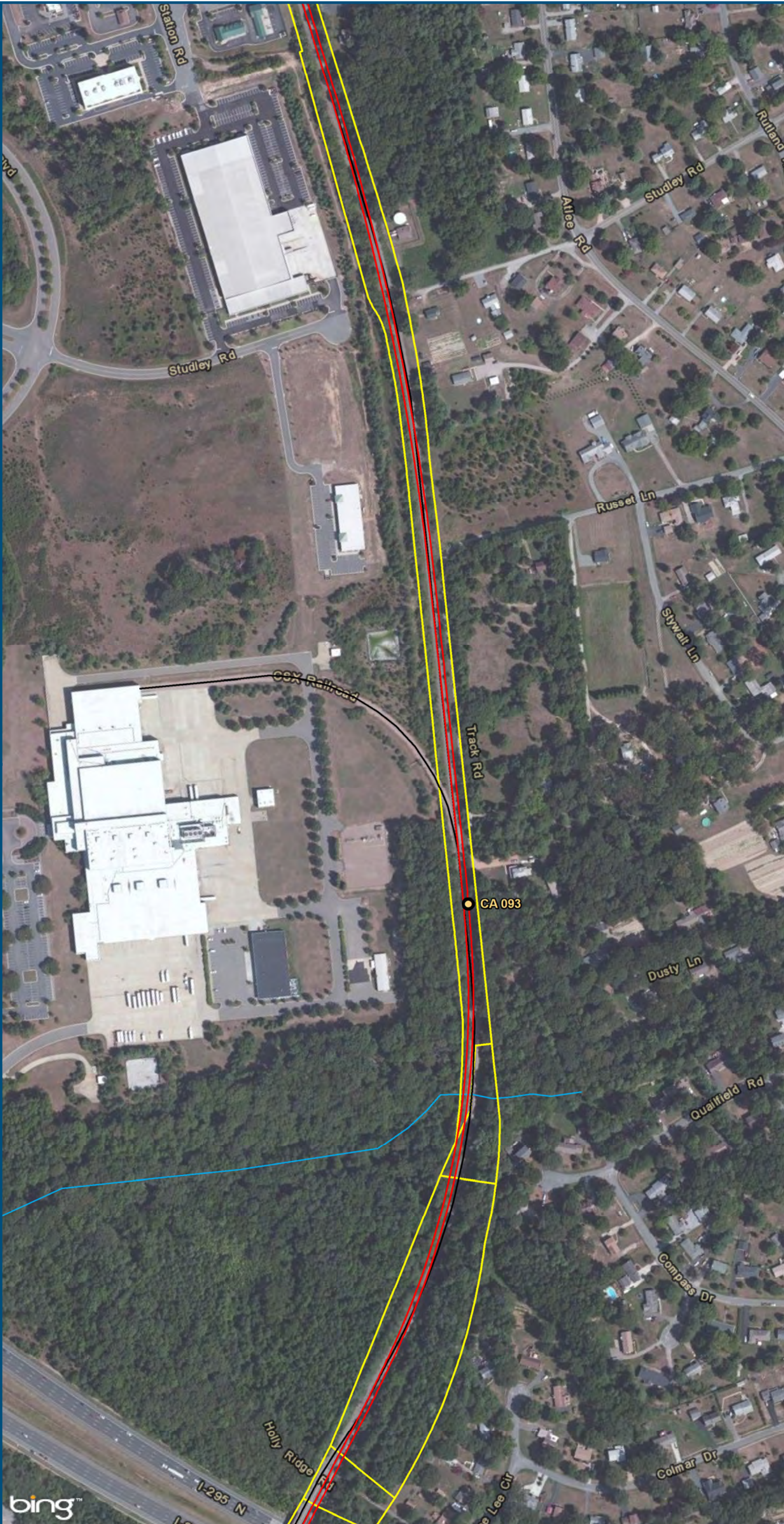
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 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Y-75
Richmond Segment
Hold Bridges
Alignment Option

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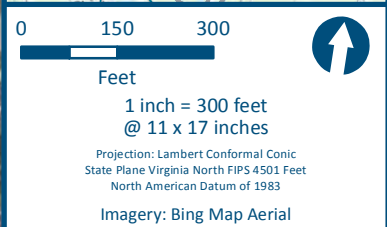
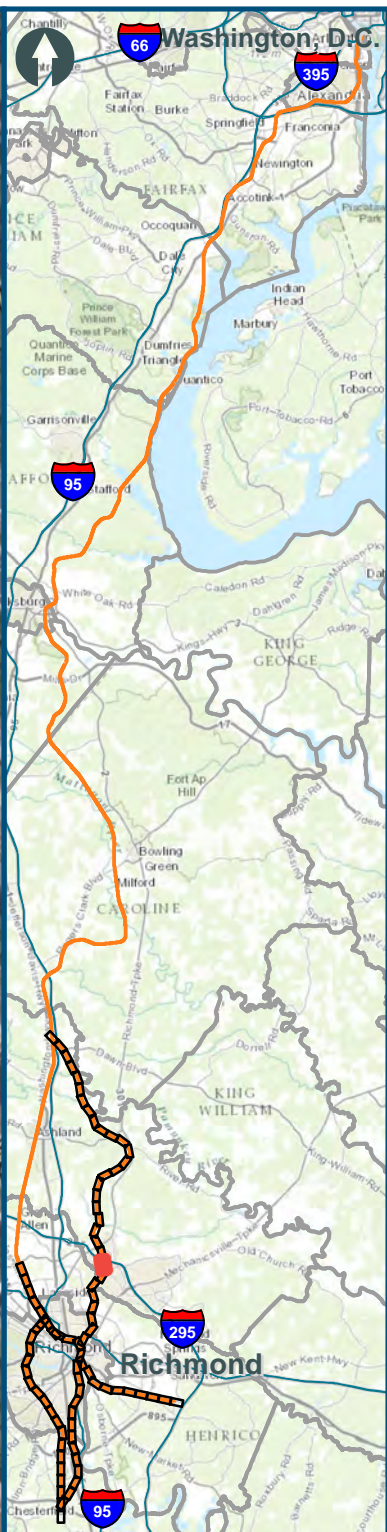
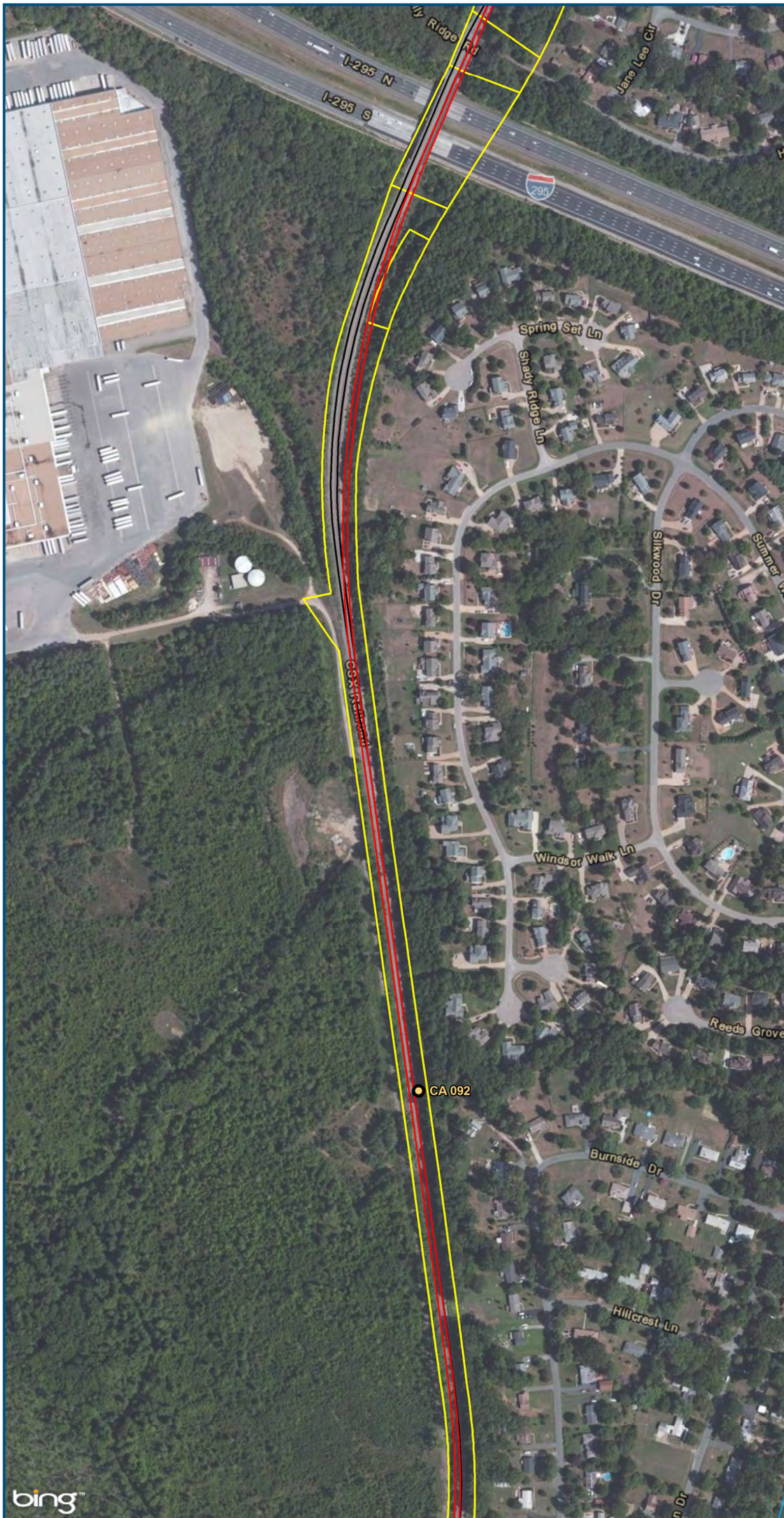
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0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

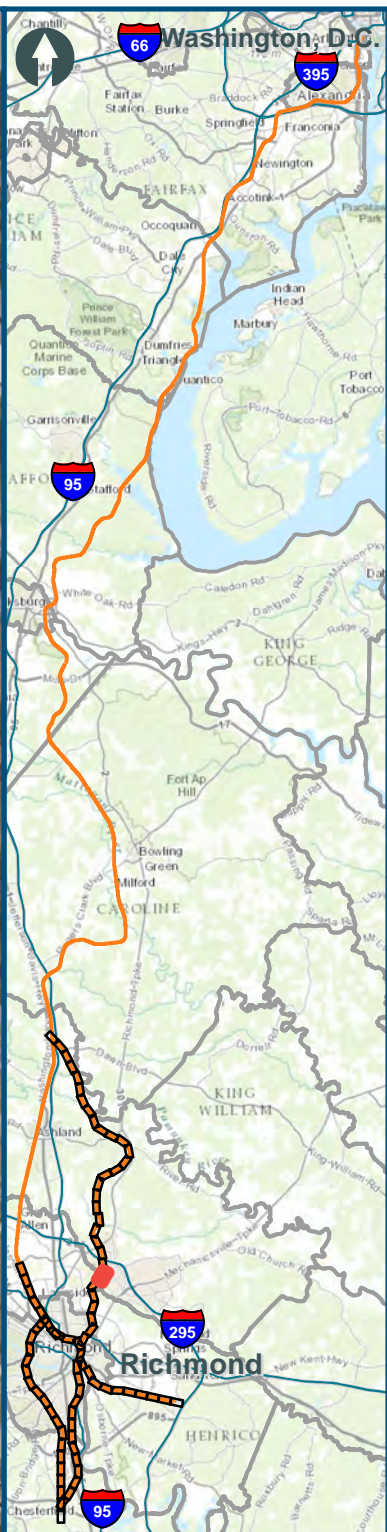
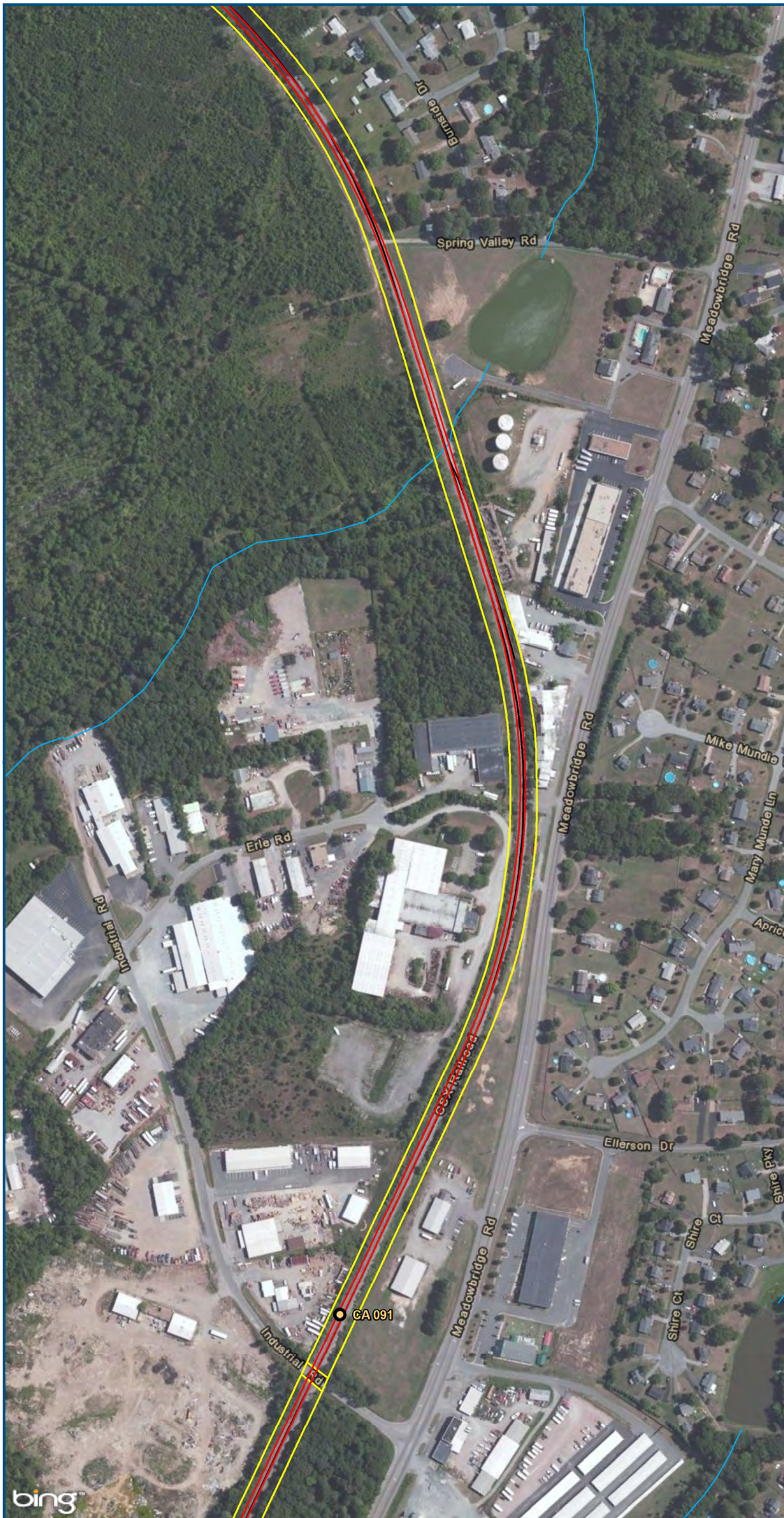
Figure Y-76
Richmond Segment
Hold Bridges
Alignment Option



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

Figure Y-77
Richmond Segment
Hold Bridges
Alignment Option

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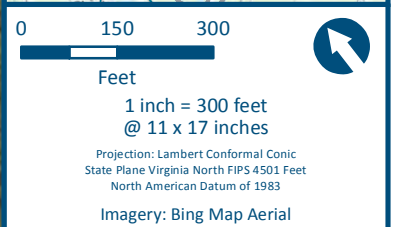
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 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
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 North American Datum of 1983
 Imagery: Bing Map Aerial

Legend

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

Figure Y-78
Richmond Segment
Hold Bridges
Alignment Option

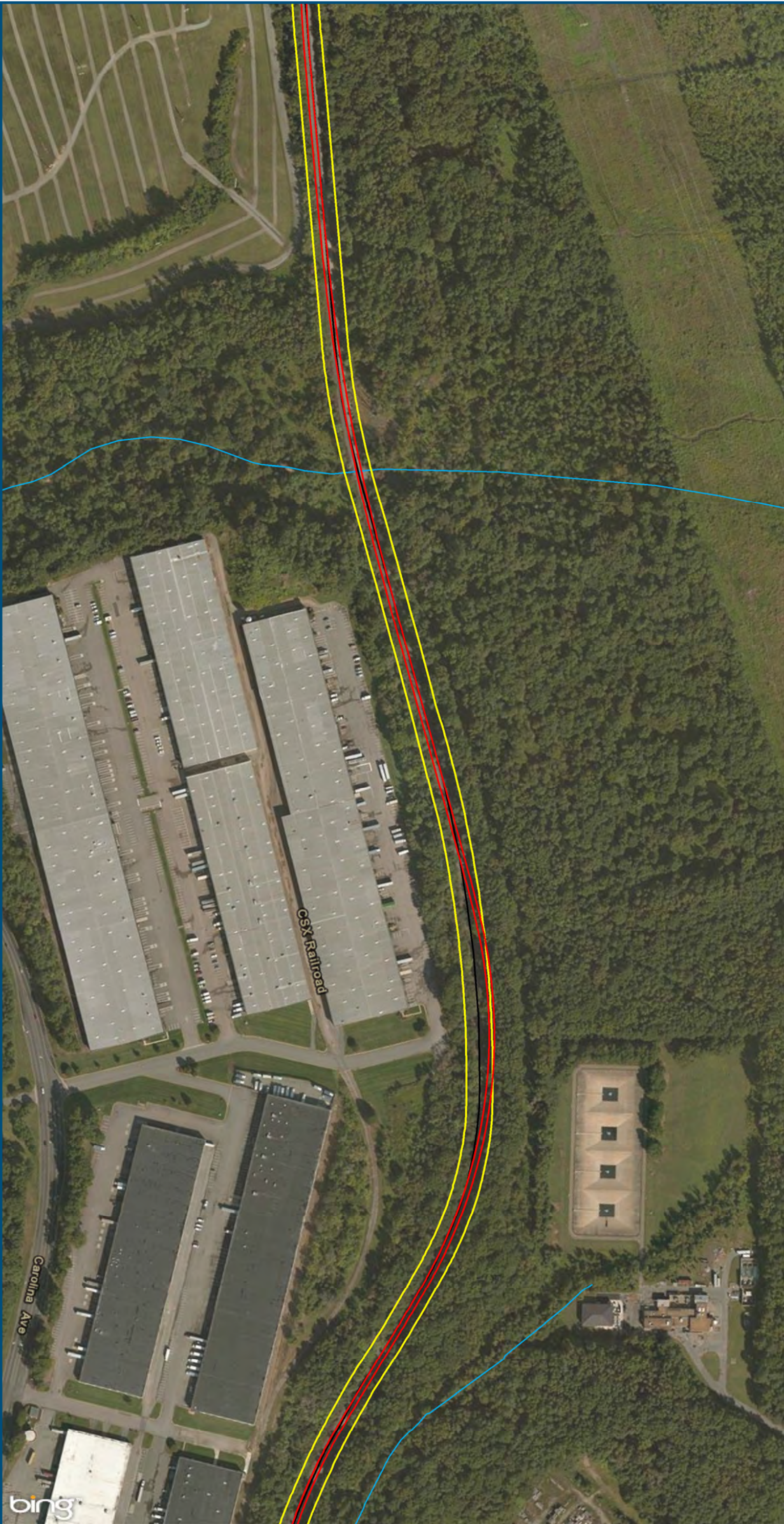
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- Legend**
- CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Y-79
Richmond Segment
Hold Bridges
Alignment Option

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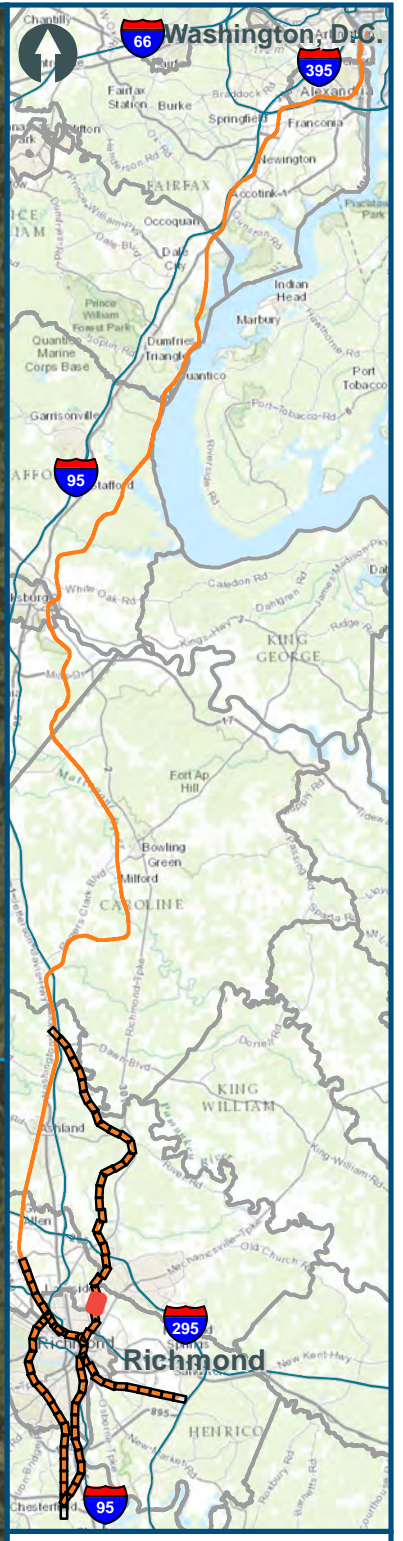


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Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Y-80
Richmond Segment
Hold Bridges
Alignment Option

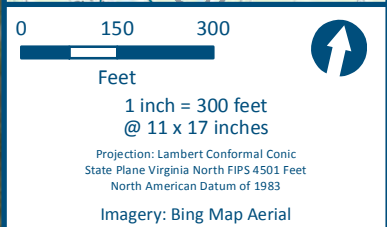
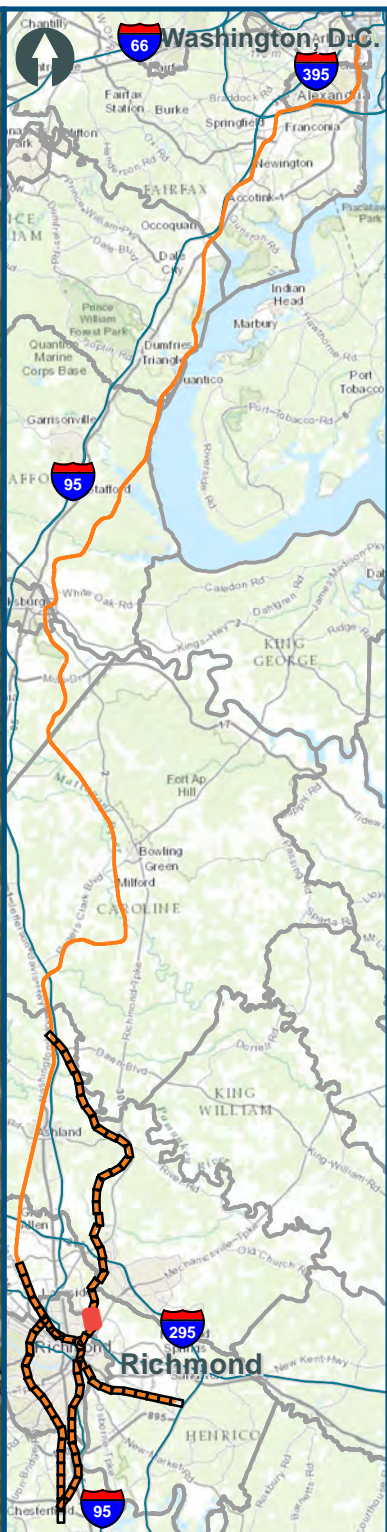
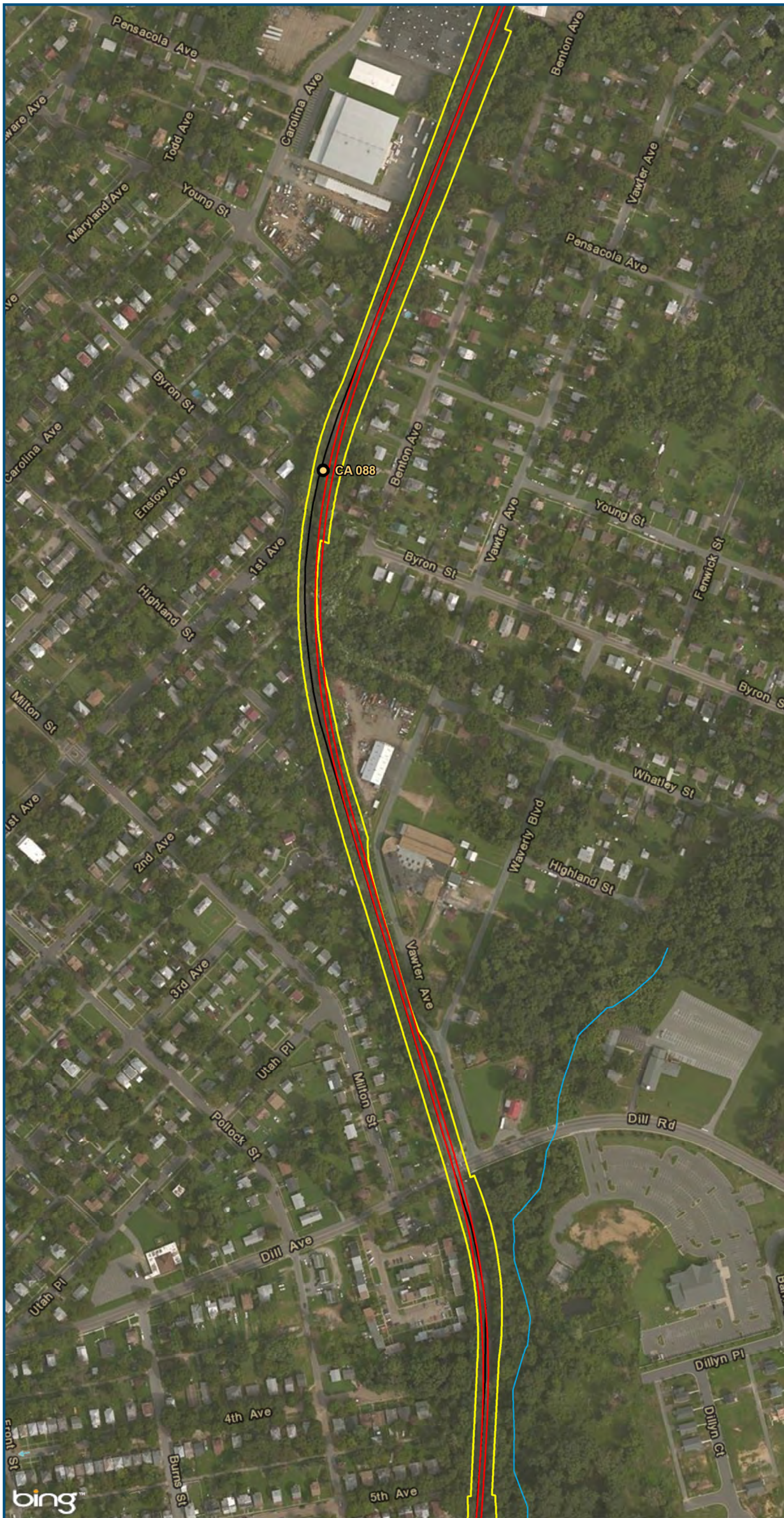
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0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

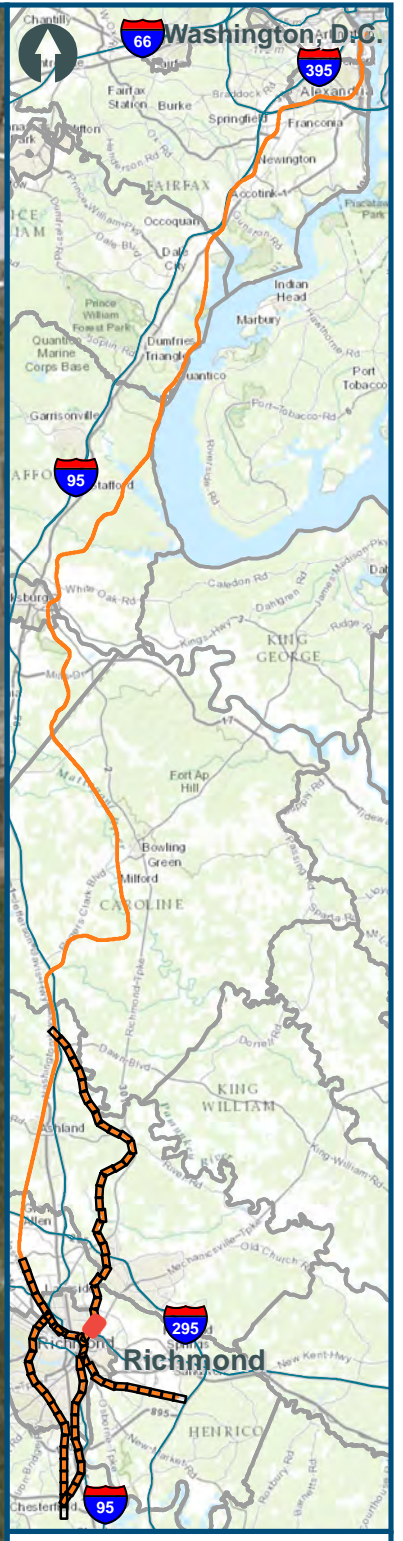
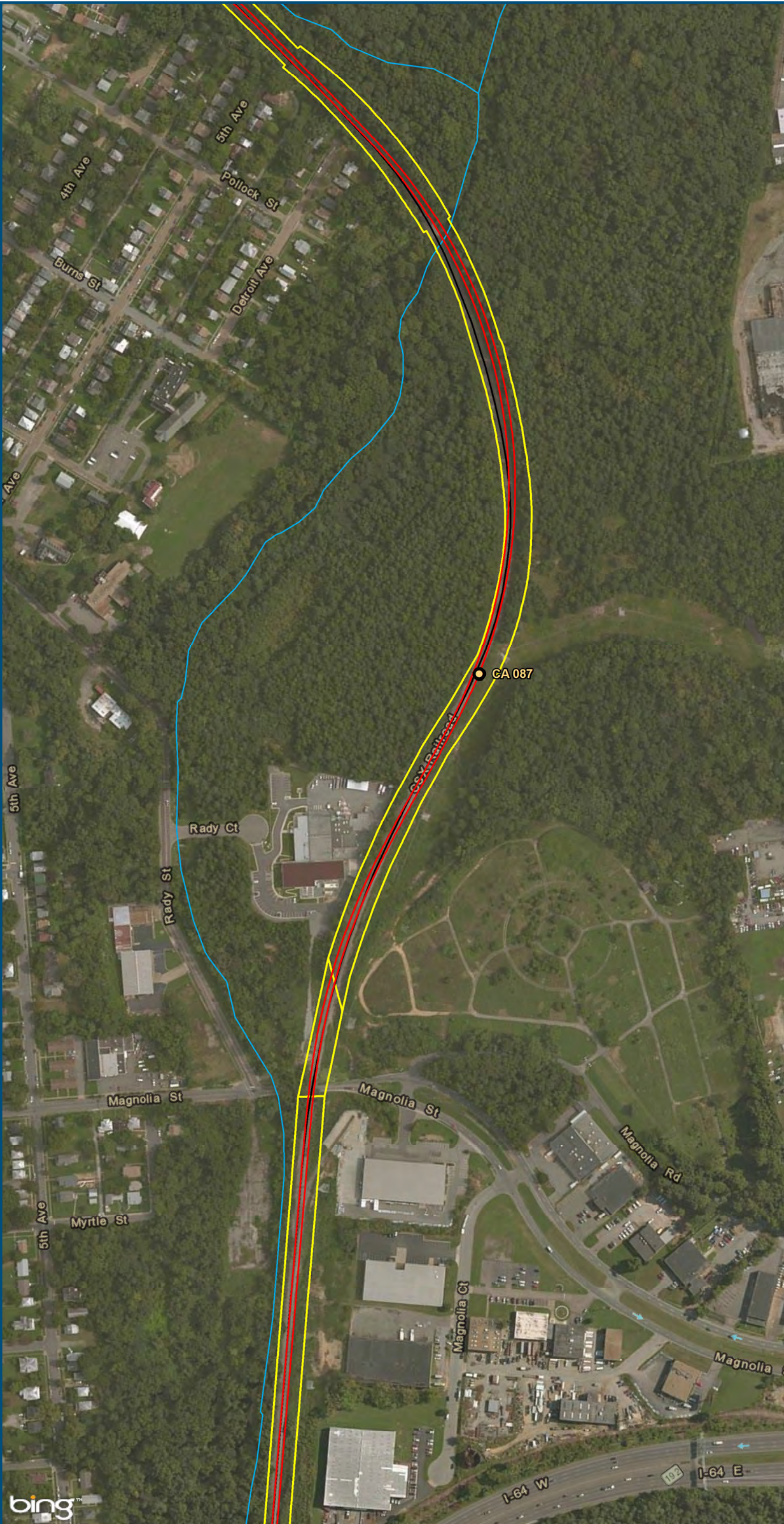
Figure Y-81
Richmond Segment
Hold Bridges
Alignment Option



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

Figure Y-82
Richmond Segment
Hold Bridges
Alignment Option

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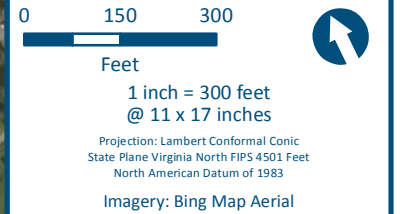
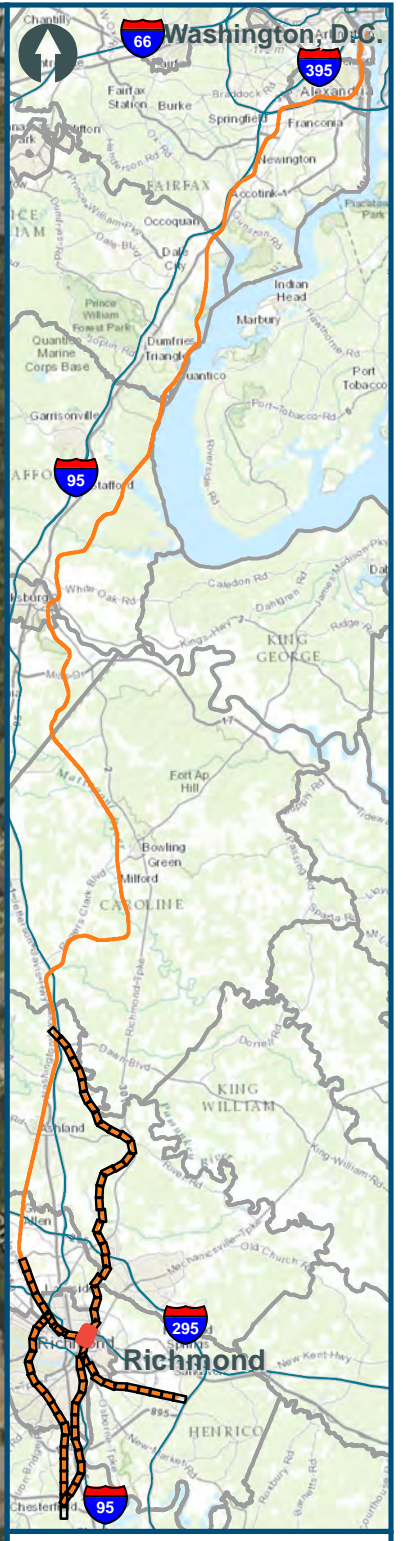
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 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Y-83
Richmond Segment
Hold Bridges
Alignment Option

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

Figure Y-84
Richmond Segment
Hold Bridges
Alignment Option