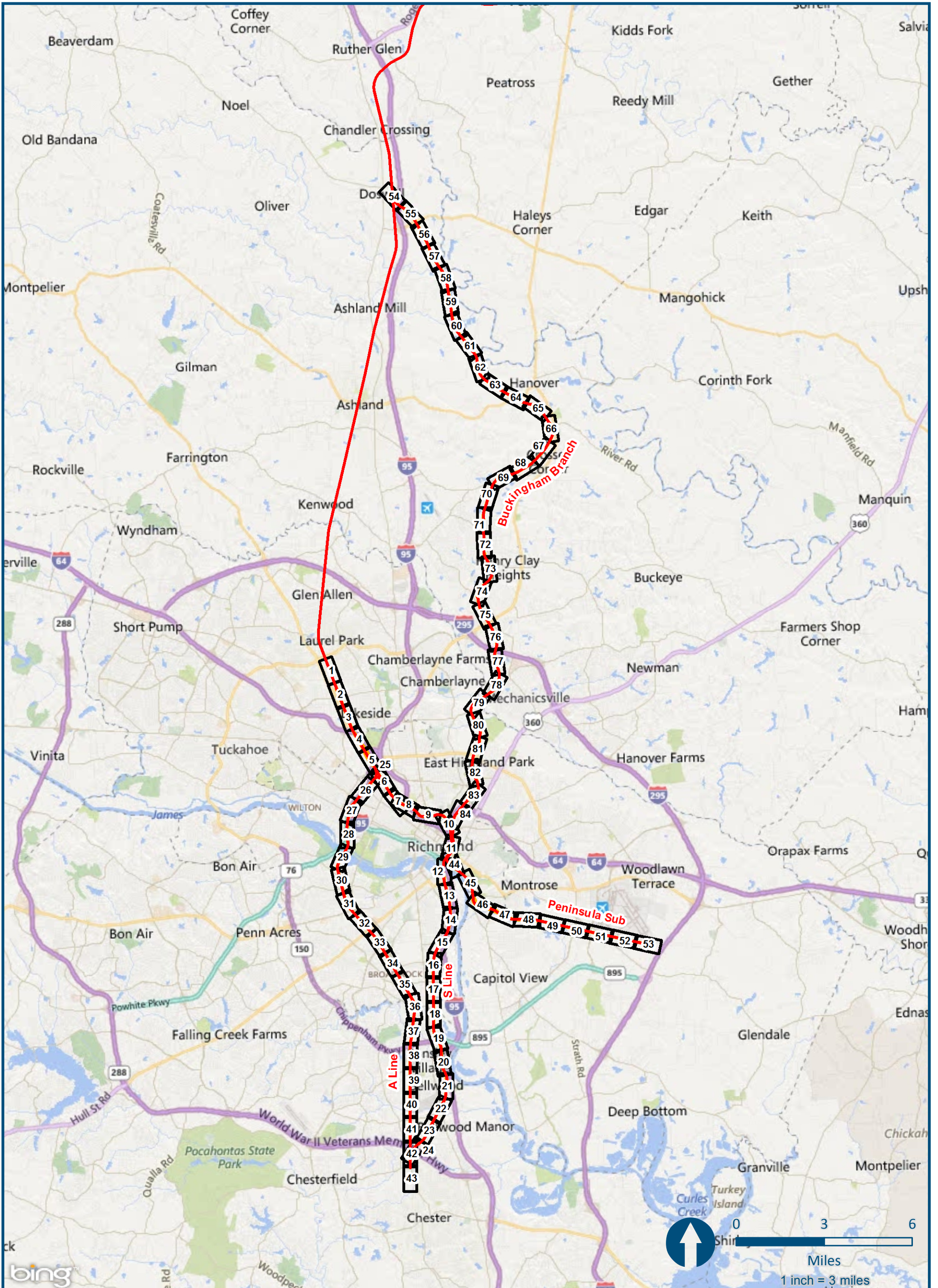
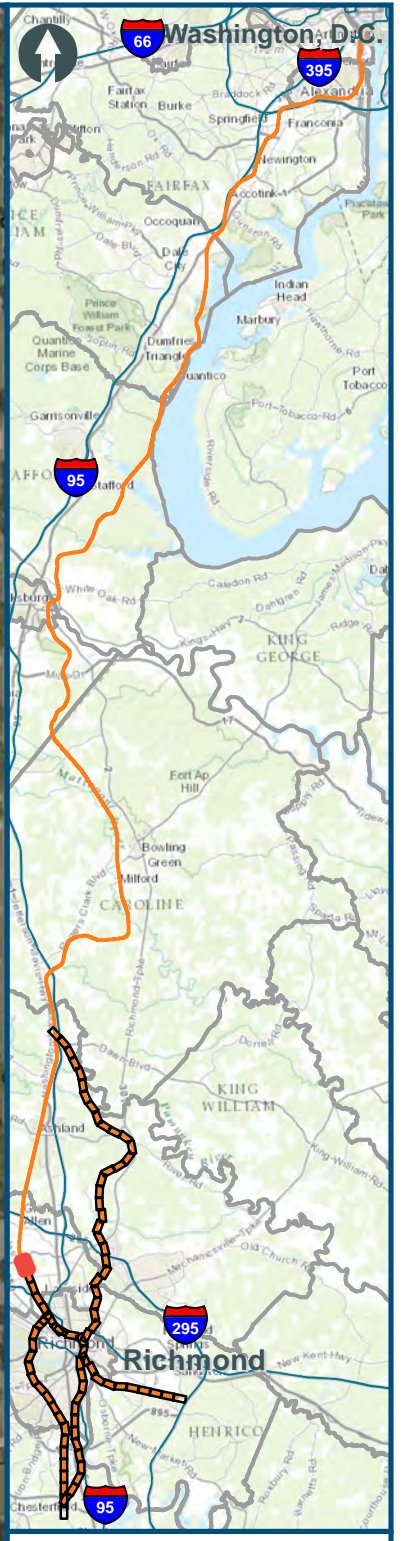
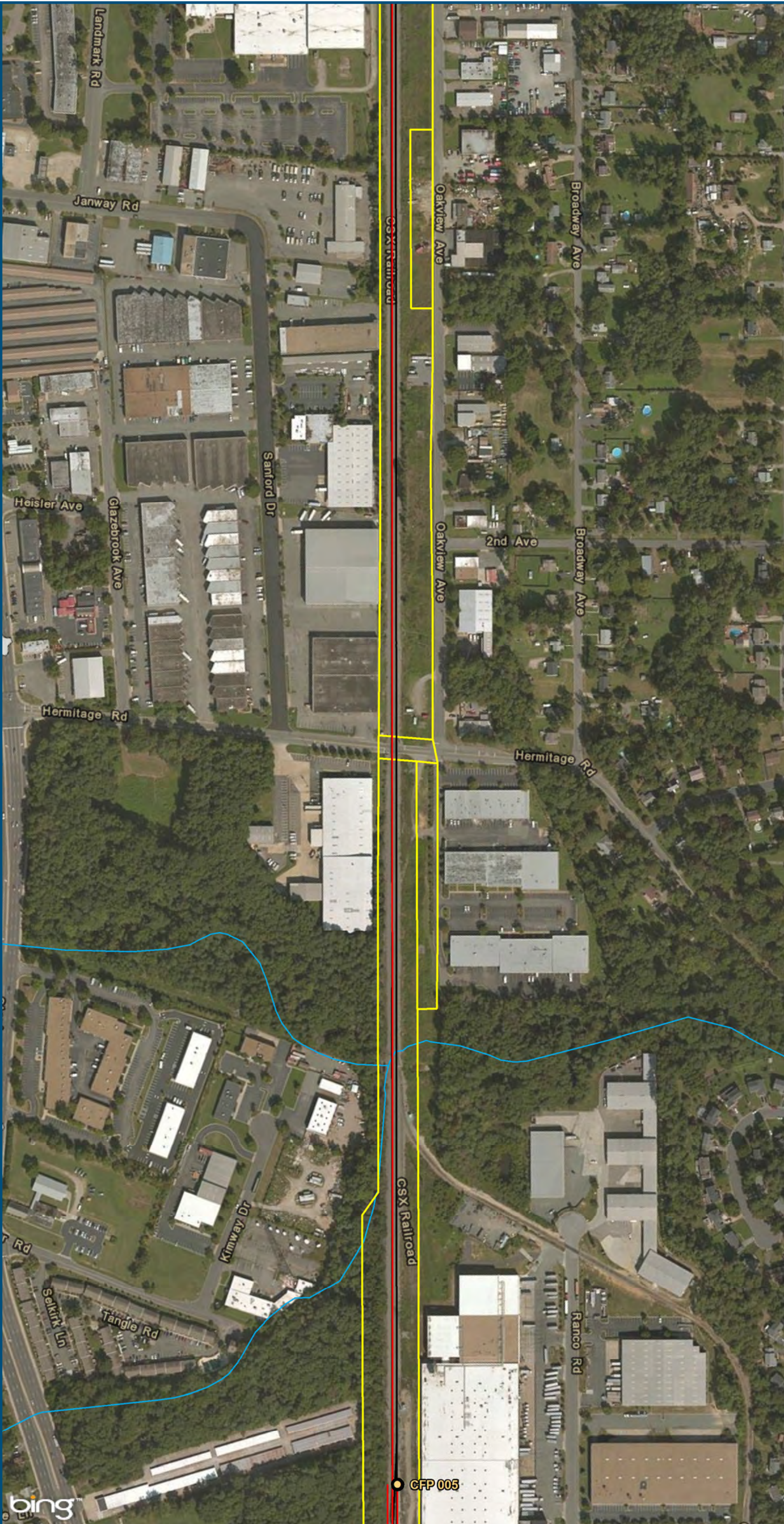


Richmond, Virginia (RIC) Project Section Hold Bridges and Tangents Alignment Option Index Map



\\dcslmain\GIS_DATA\GIS\Projects\011545_VA\Dev\Rail\PublicTransportation\0239056_RAPS-4\AI\Dev-Concept\Eng\map_docs\mxd\AIL_Tech_Report\DC2RVA_Appendix_AlignmentIndex_11x17.mxd | Last Updated: 11.05.2015

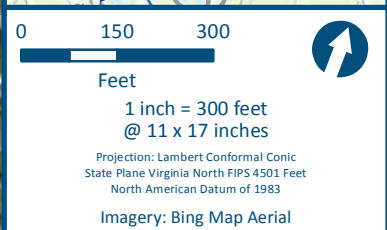
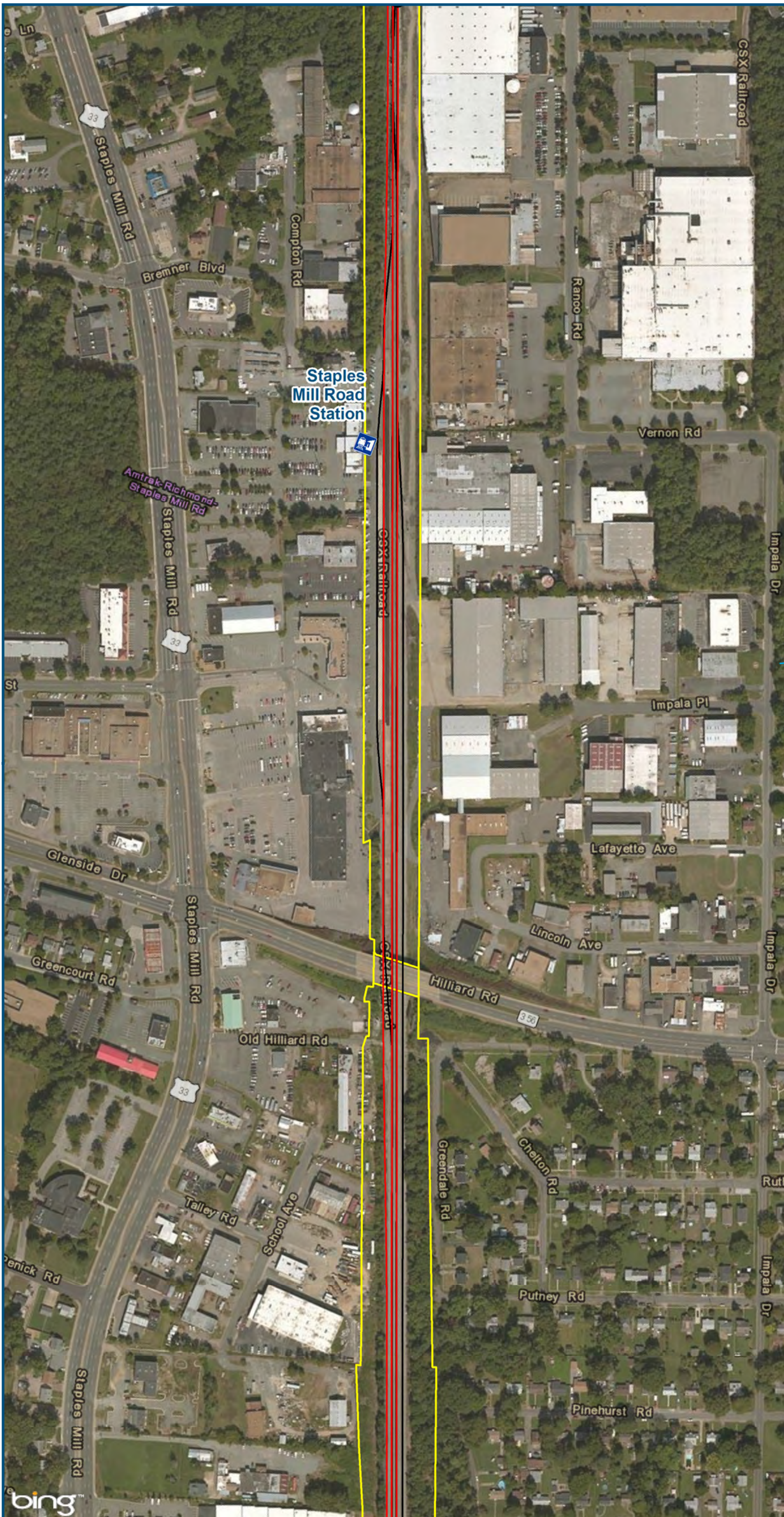
\\cslmain\gis_data\GIS\Projects\011545_VADepotRailPublicTransportation\0239056_RAPS-4\Dev-Concept\Eng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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 Z-1
Richmond Segment
Hold Bridges and
Tangents
Alignment Option









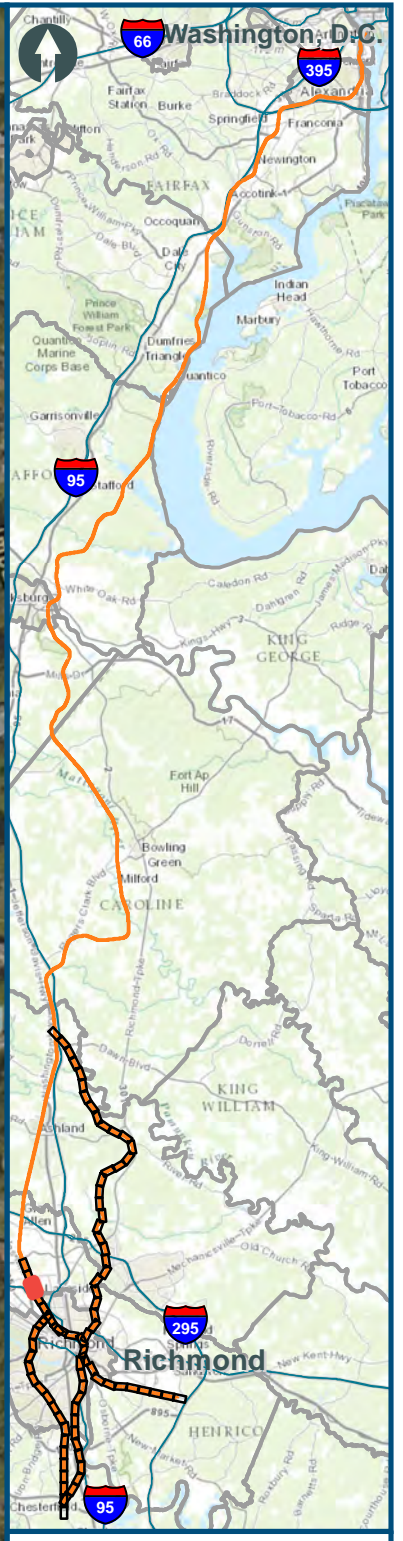
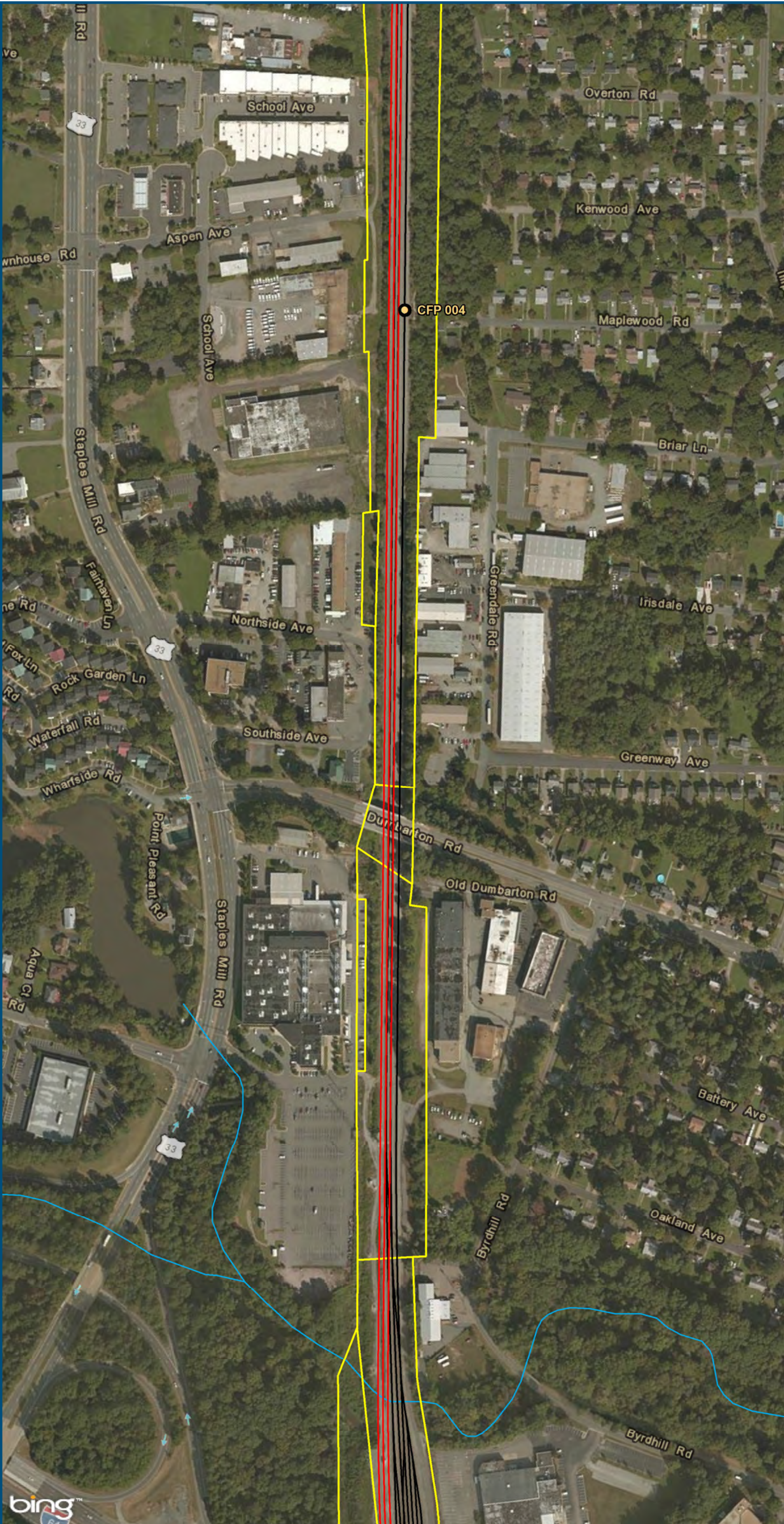
- Legend**
-  Amtrak Station
 -  CSXT Mileposts
 -  New Track
 -  Existing Track
 -  CSXT Right-of-Way
 -  Streams

Figure Z-2
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4\AIDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

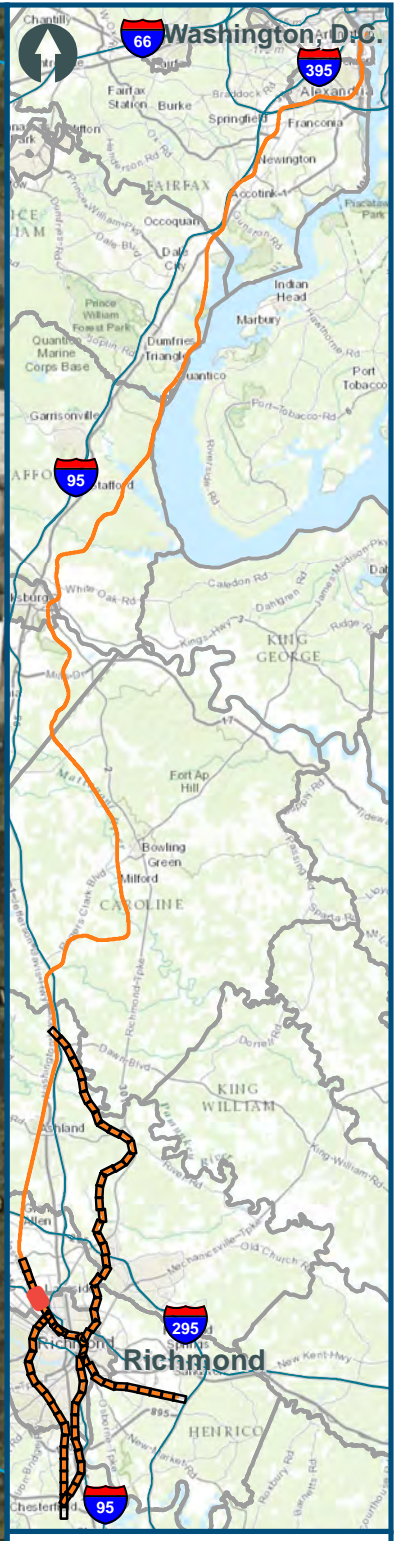
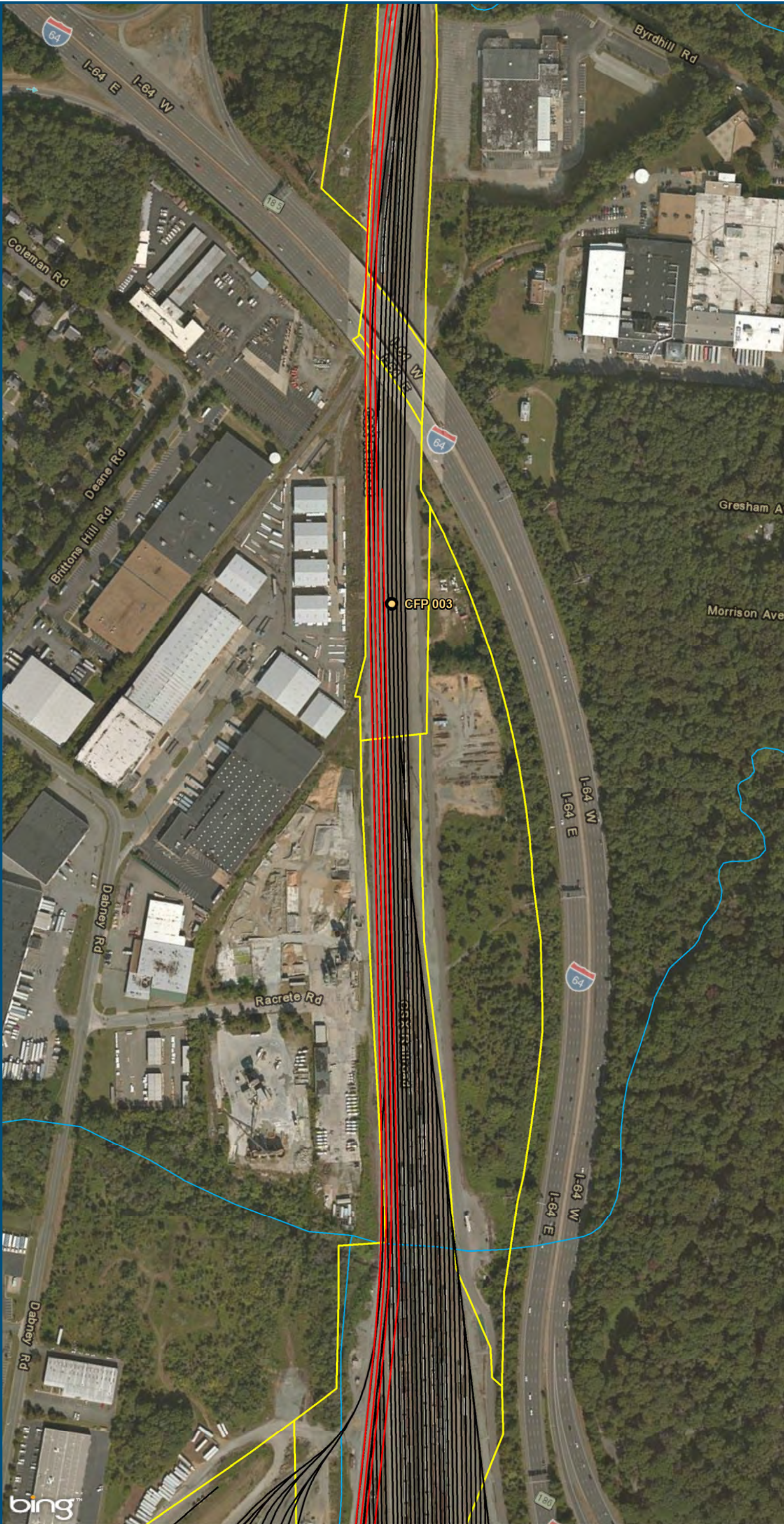


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-3
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

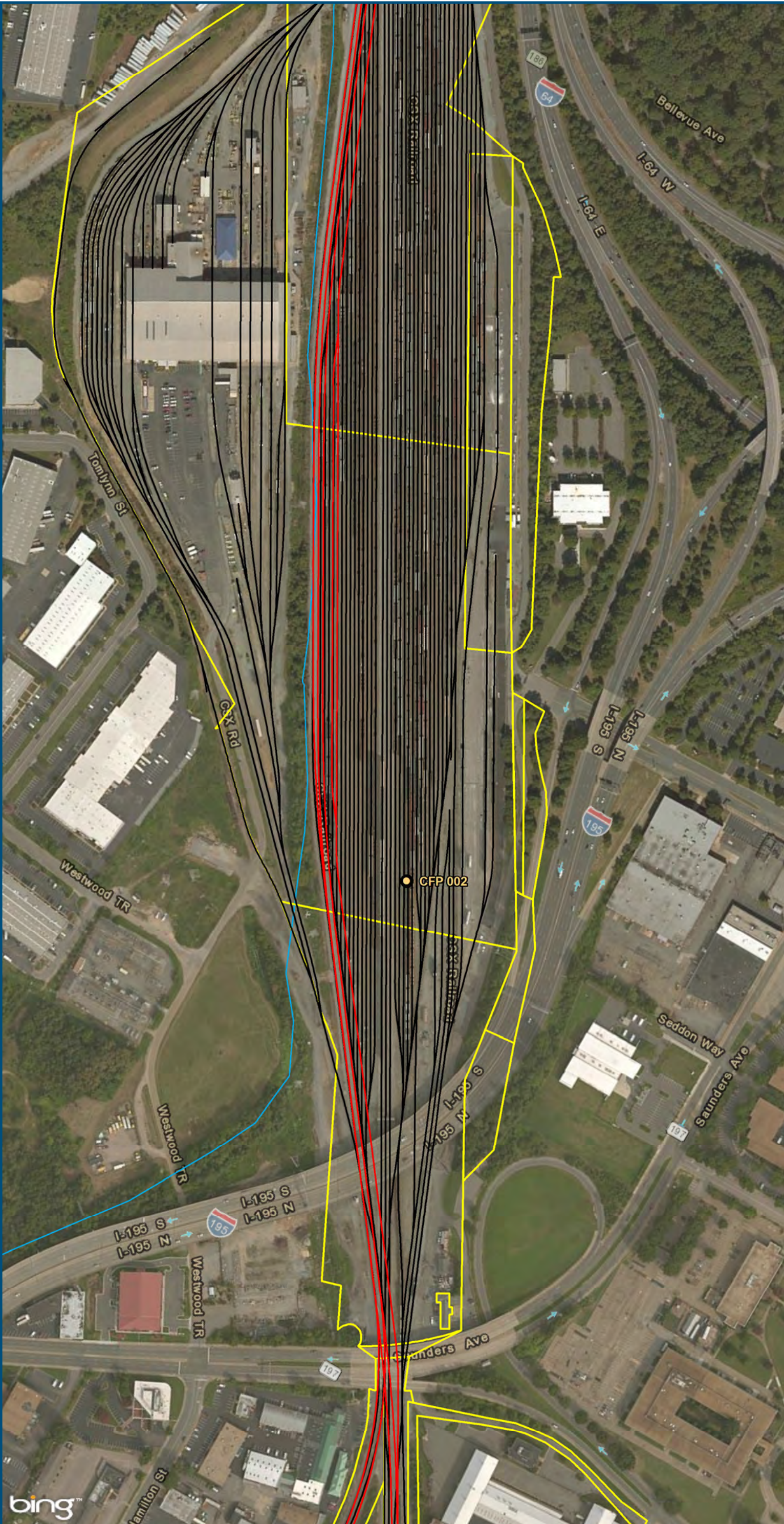


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-4
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

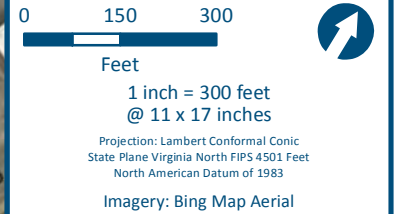


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-5
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

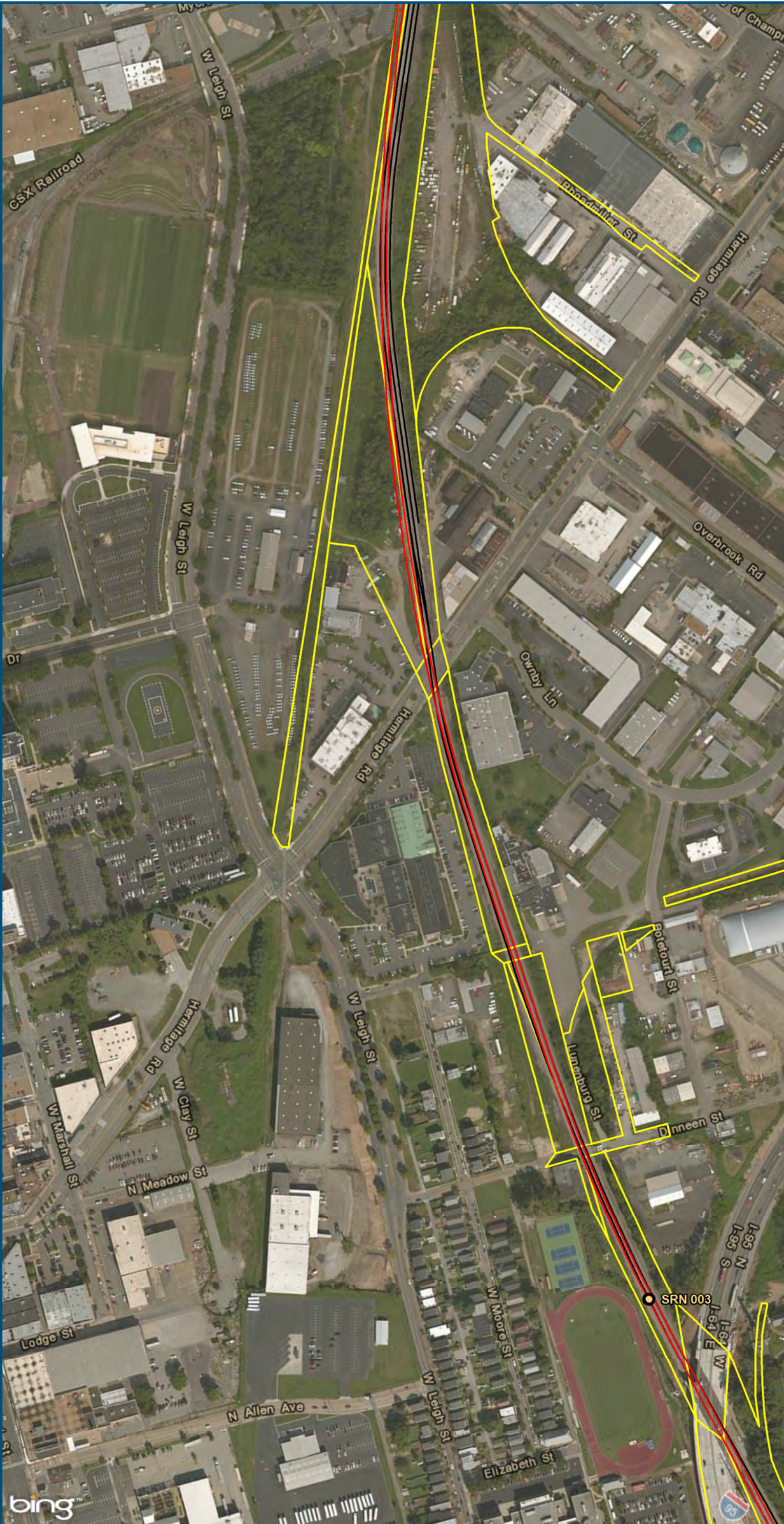
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4\Dev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

**Figure Z-6
Richmond Segment
Hold Bridges and
Tangents
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_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

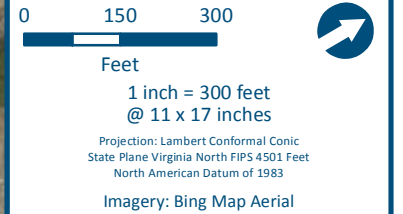
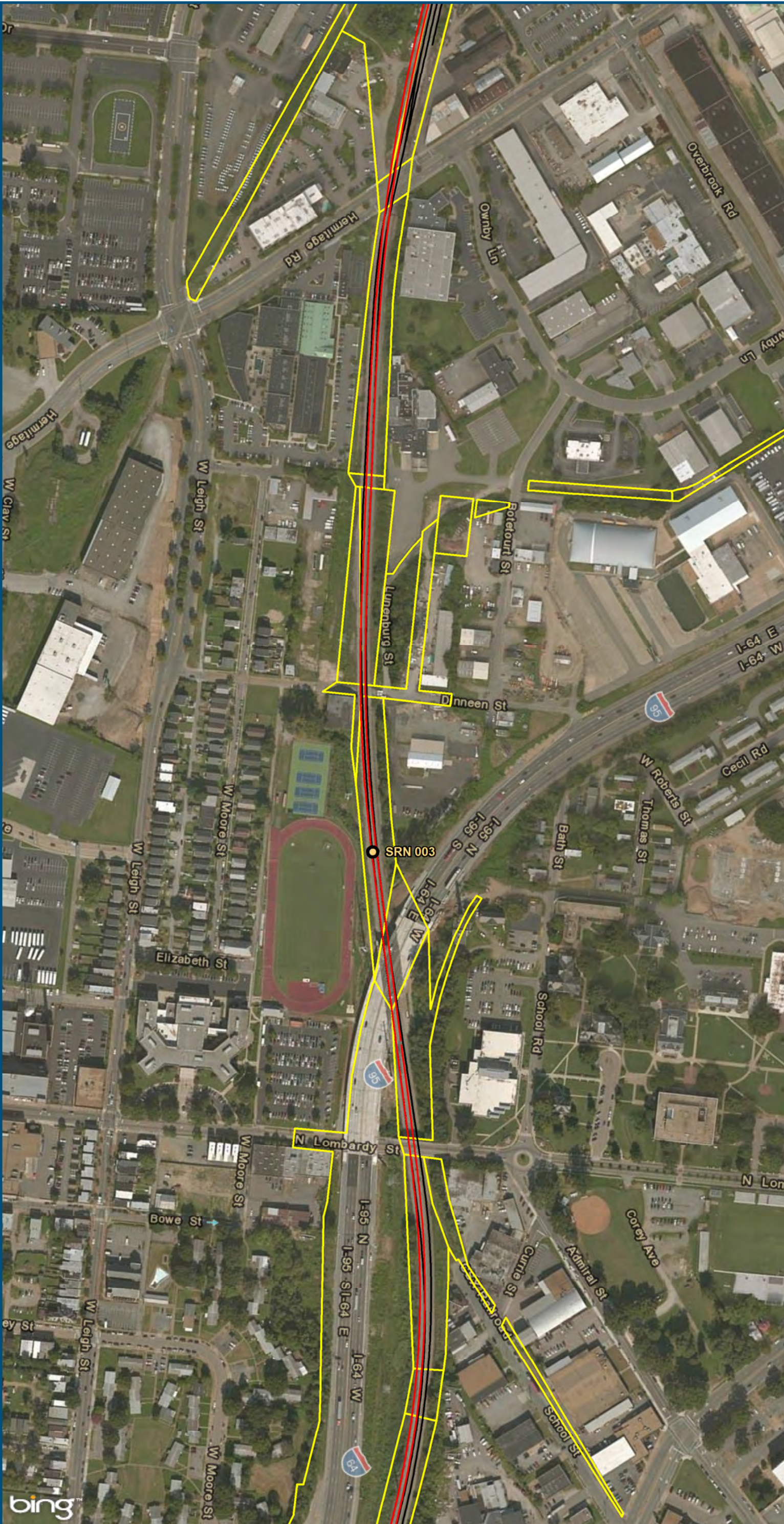


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-7
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

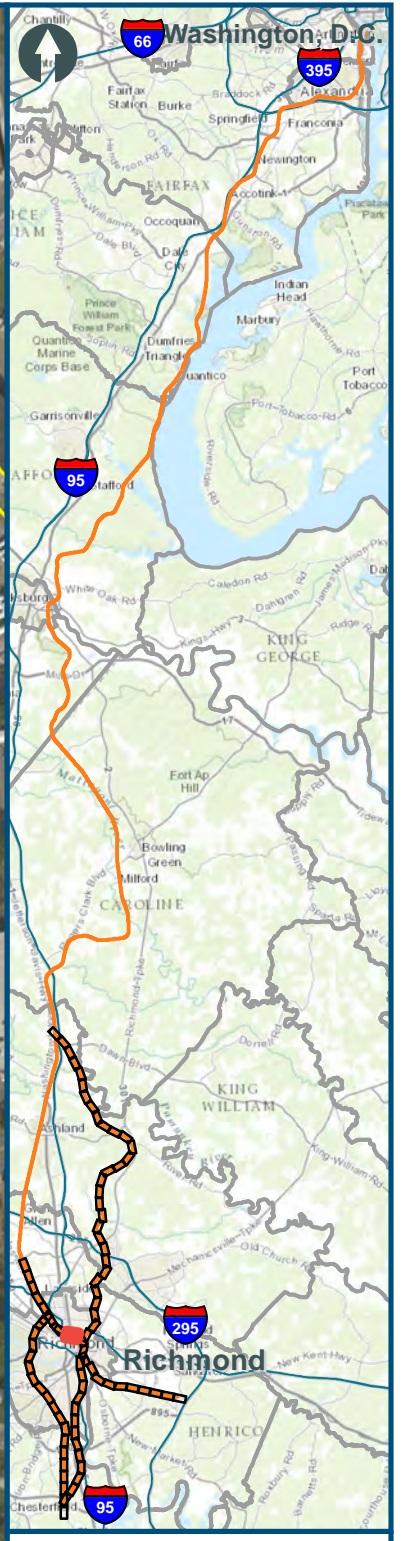
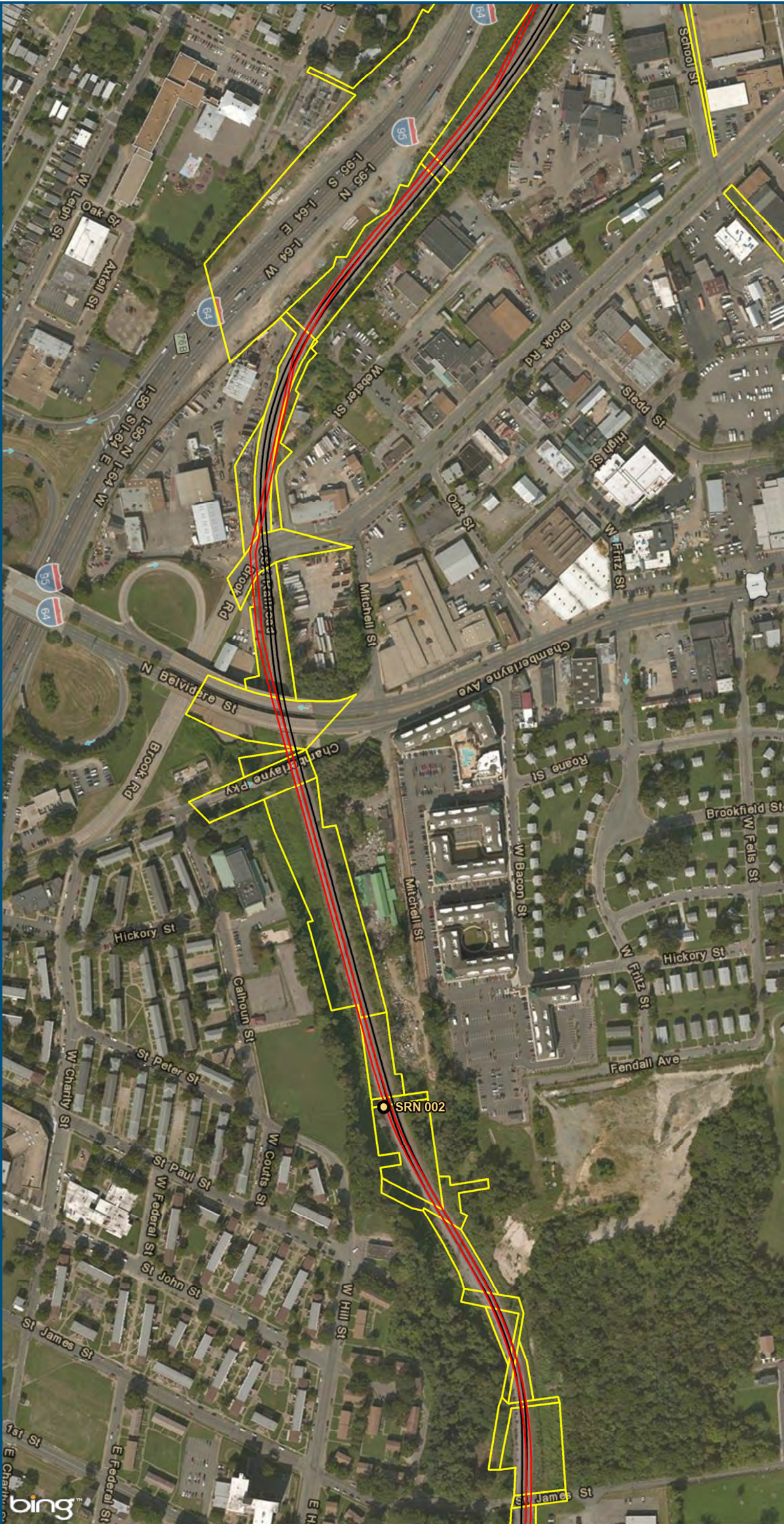
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-8
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsmain\gis_data\GIS\Projects\011545_VA\Dev\Rail\PublicTransportation\0239056_RAPS-4\Dev-Concept\Eng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

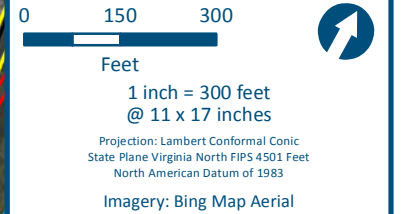
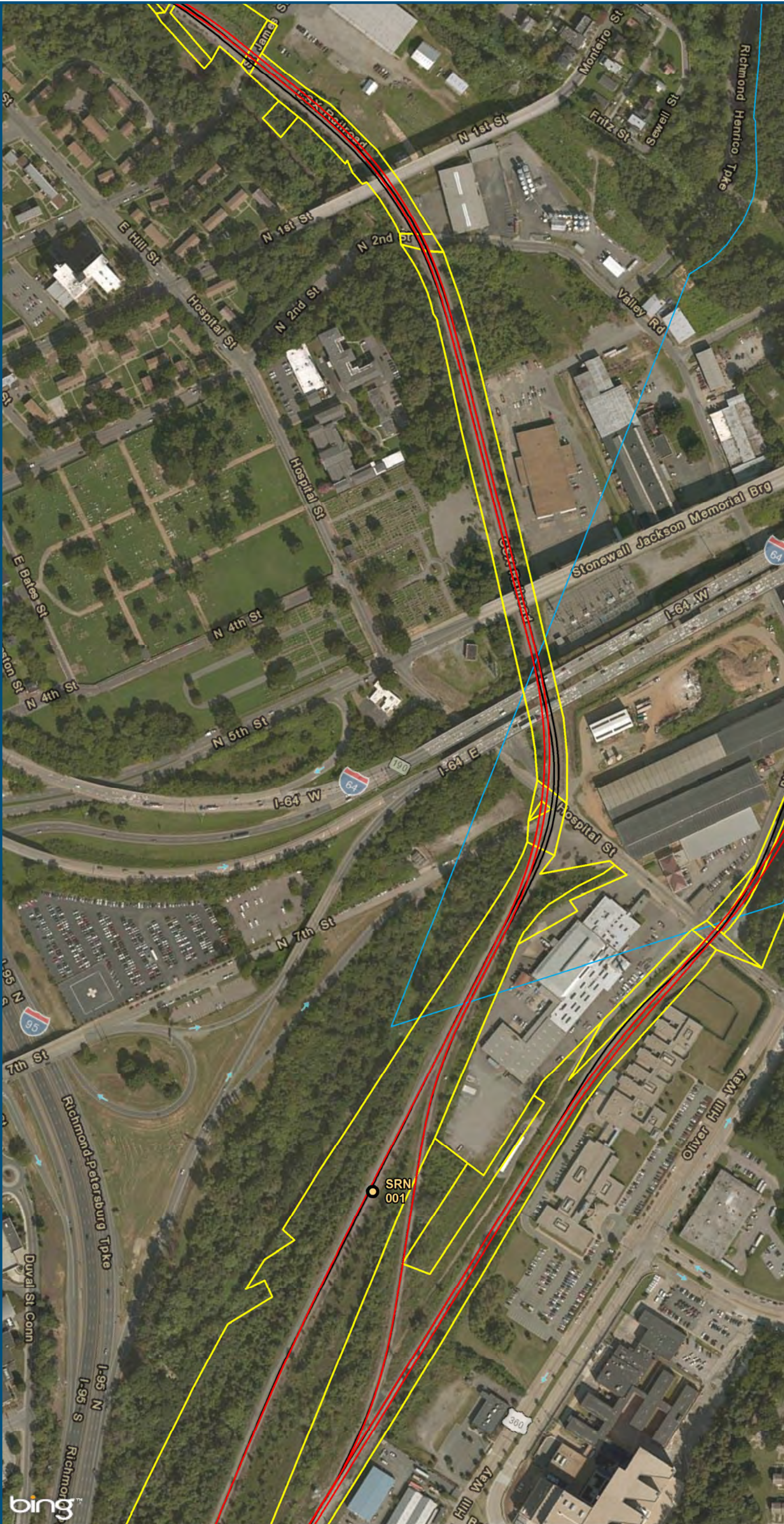


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

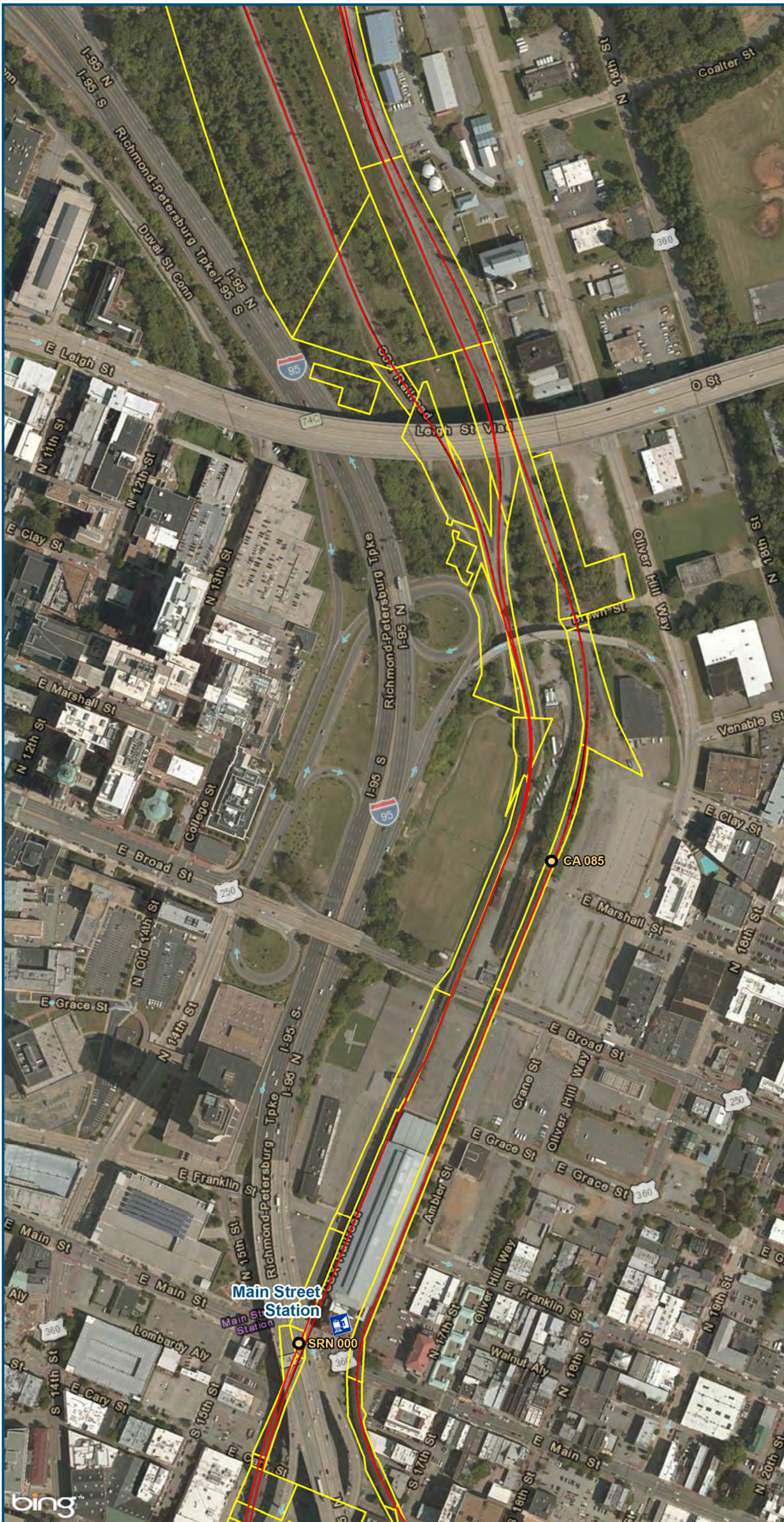
Figure Z-9
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-10
Richmond Segment
Hold Bridges and
Tangents
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**
- Amtrak Station
 - CSXT Mileposts
 - New Track
 - Existing Track
 - CSXT Right-of-Way
 - Streams

Figure Z-11
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\clics\main\gts_data\GIS\Projects\011545_VADepotRailPublicTransportation\0239056_RAPS-4AllDev-ConceptEngMap_doc\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

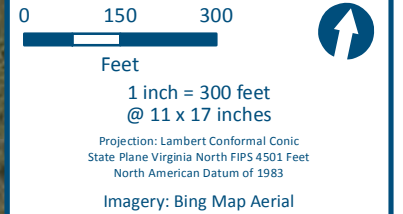
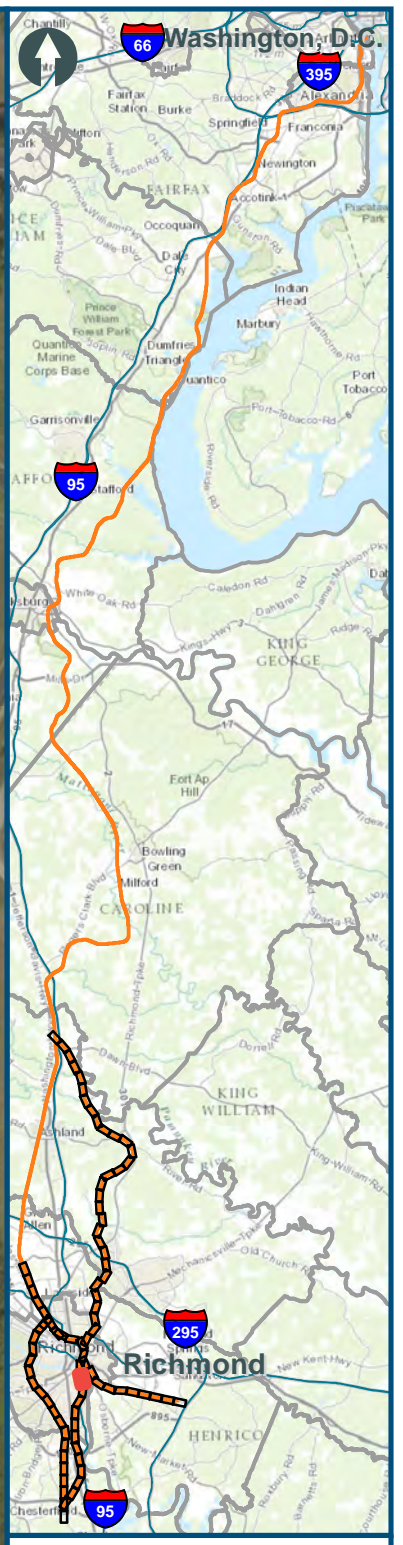
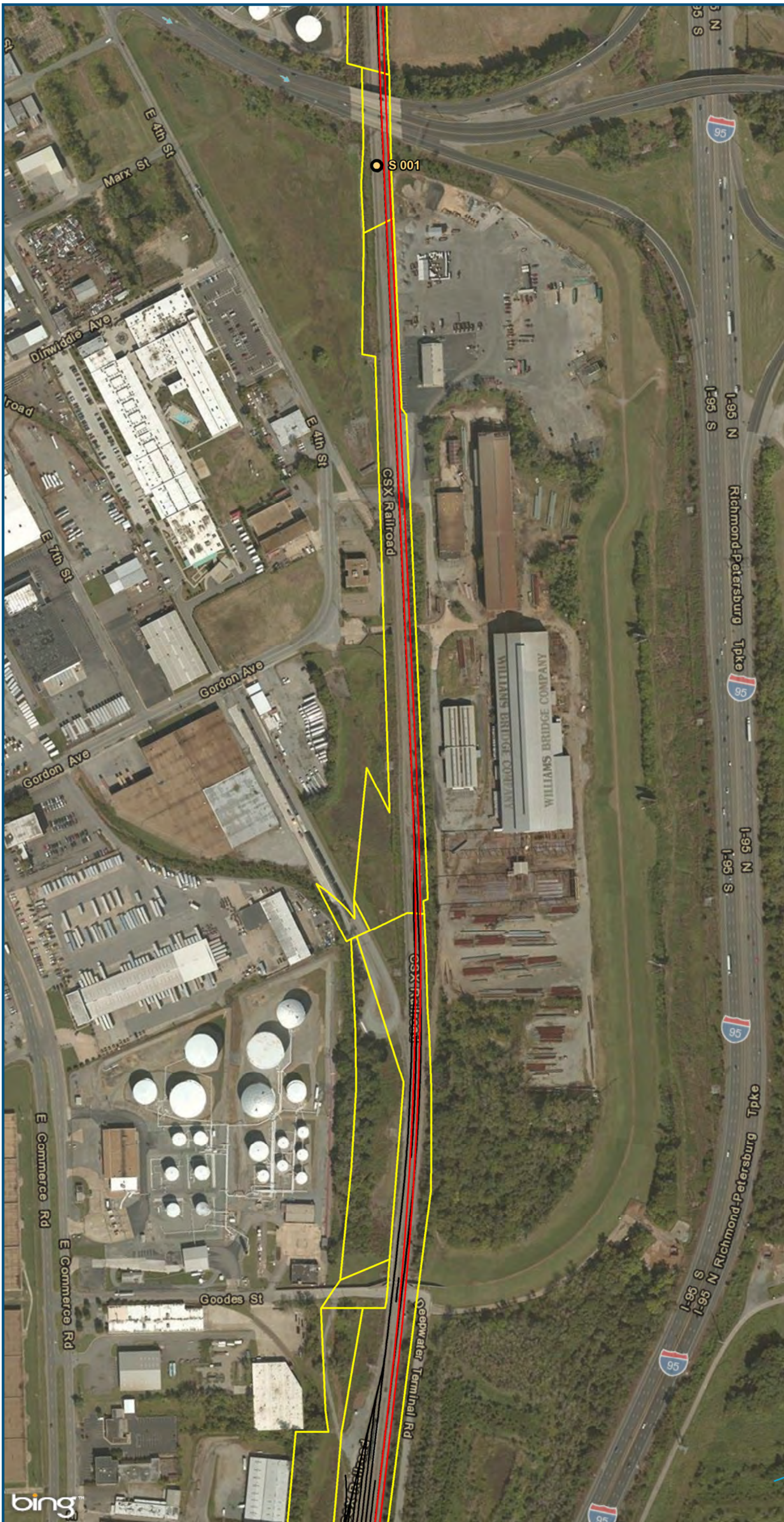


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-12
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

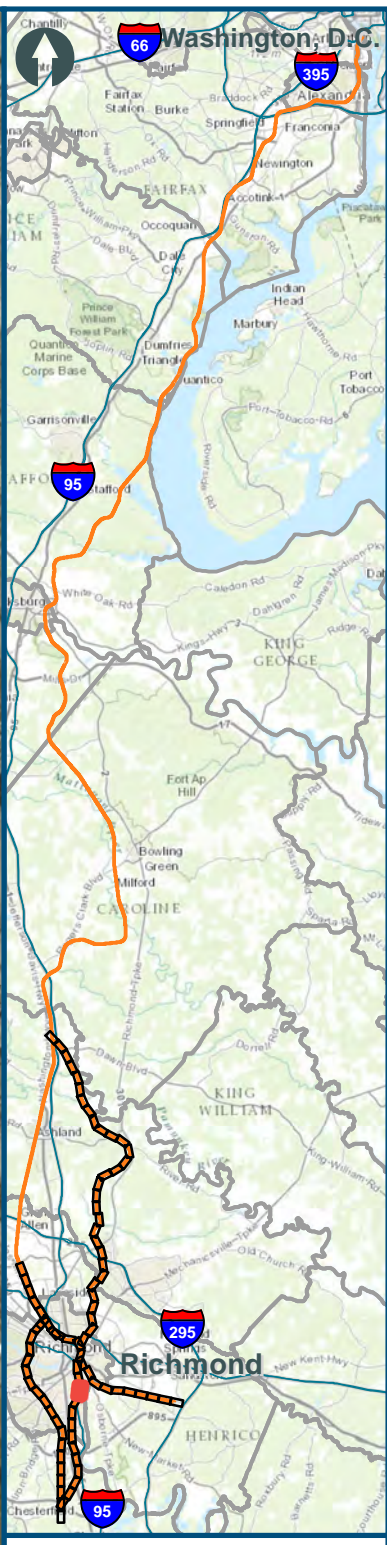
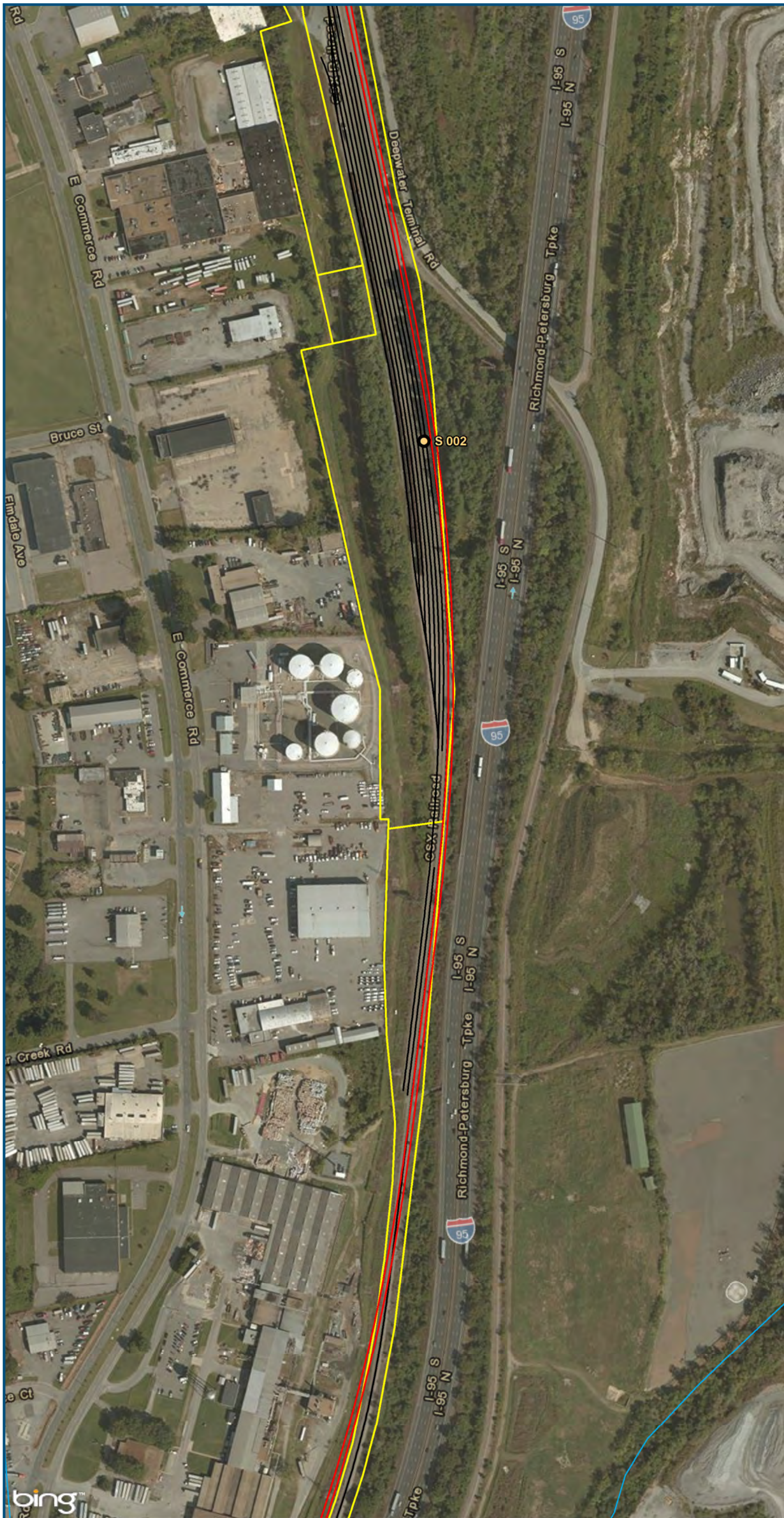
\\cslmain\gis_data\GIS\Projects\011545_VA\Dev\RailPublicTransportation\0239056_RAPS-4\Dev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-13
Richmond Segment
Hold Bridges and
Tangents
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_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

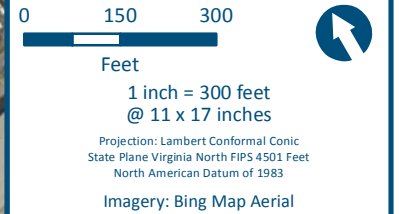
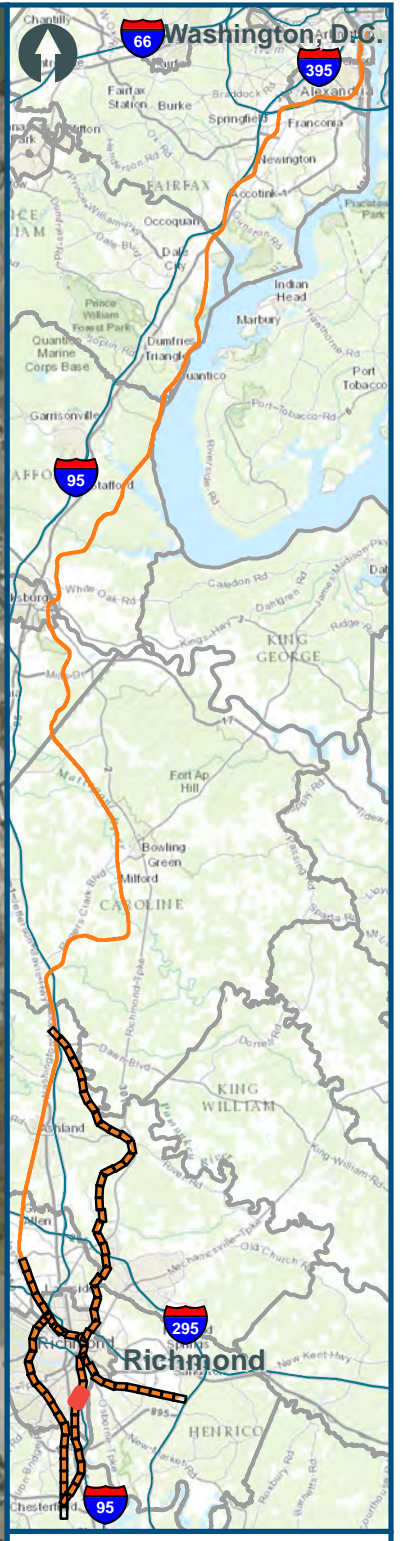
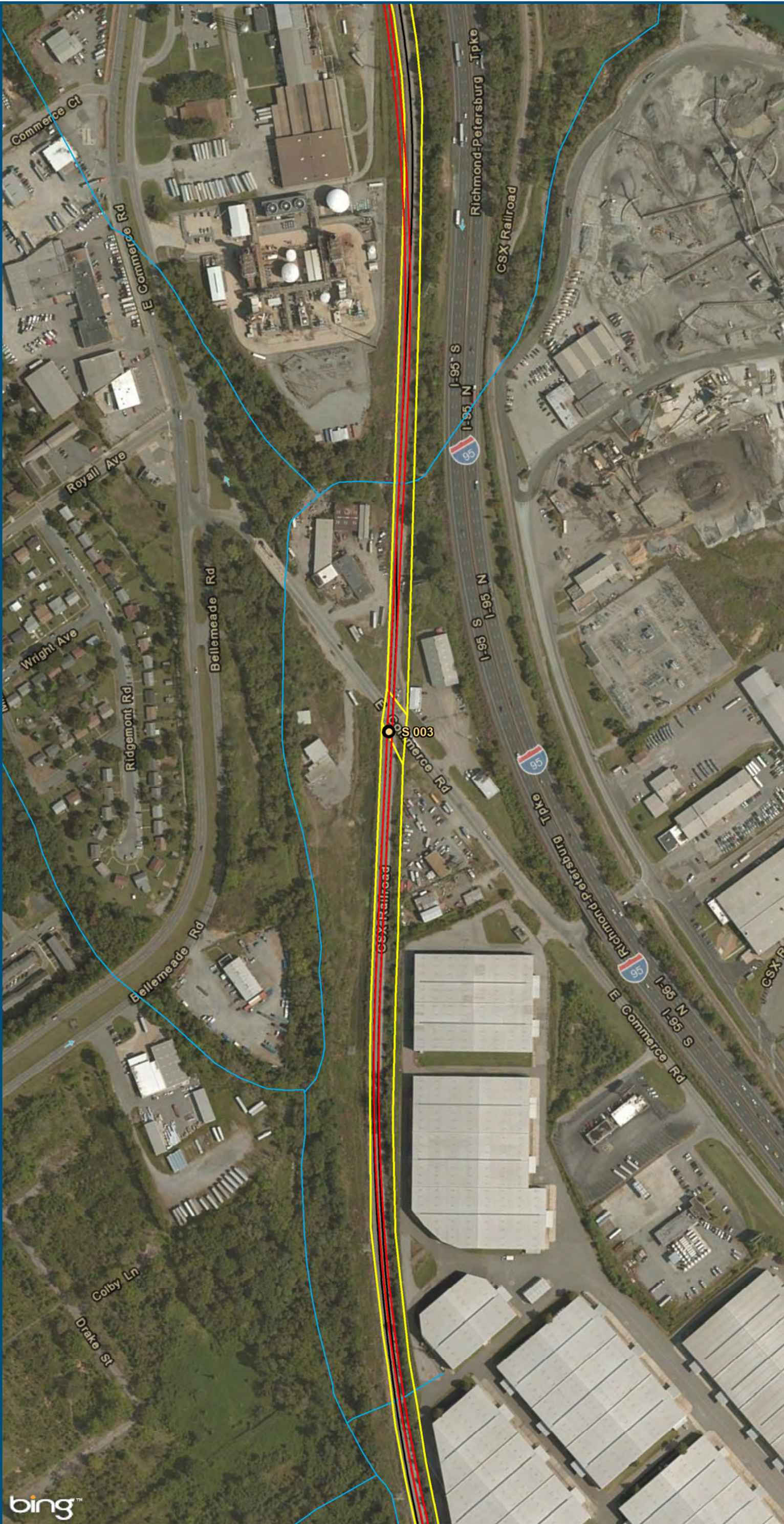


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-14
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

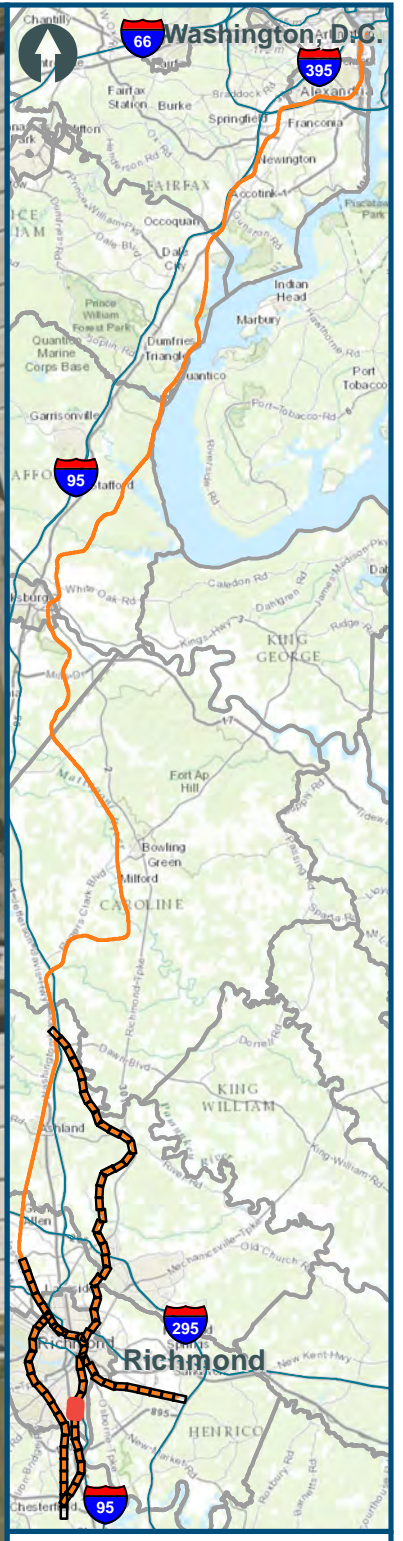
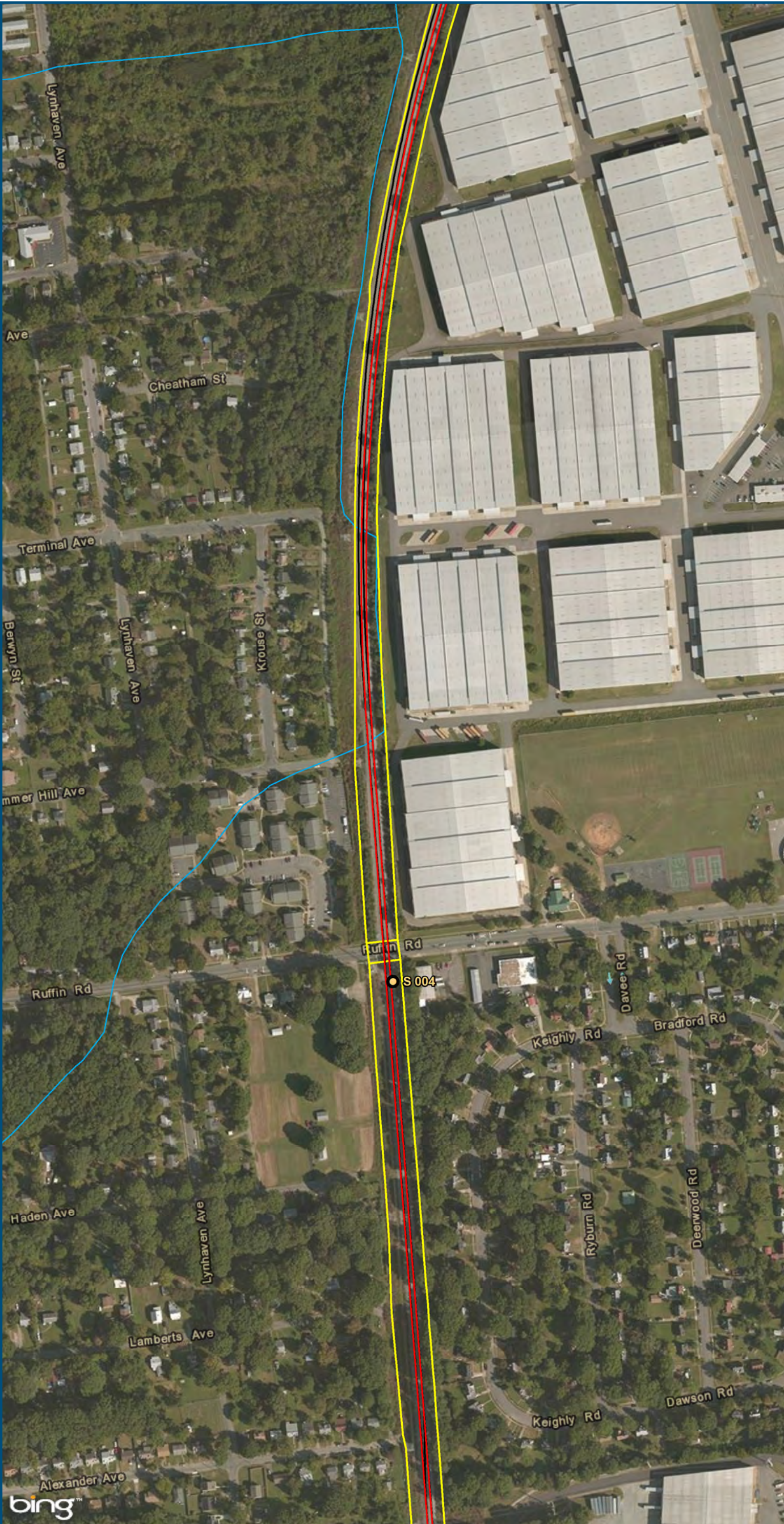
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-15
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

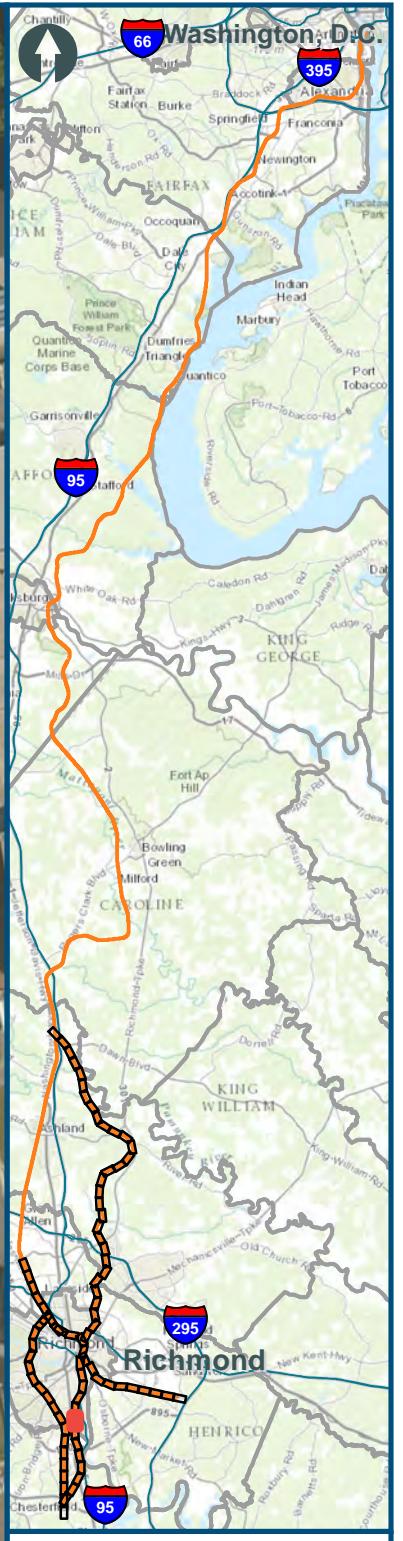
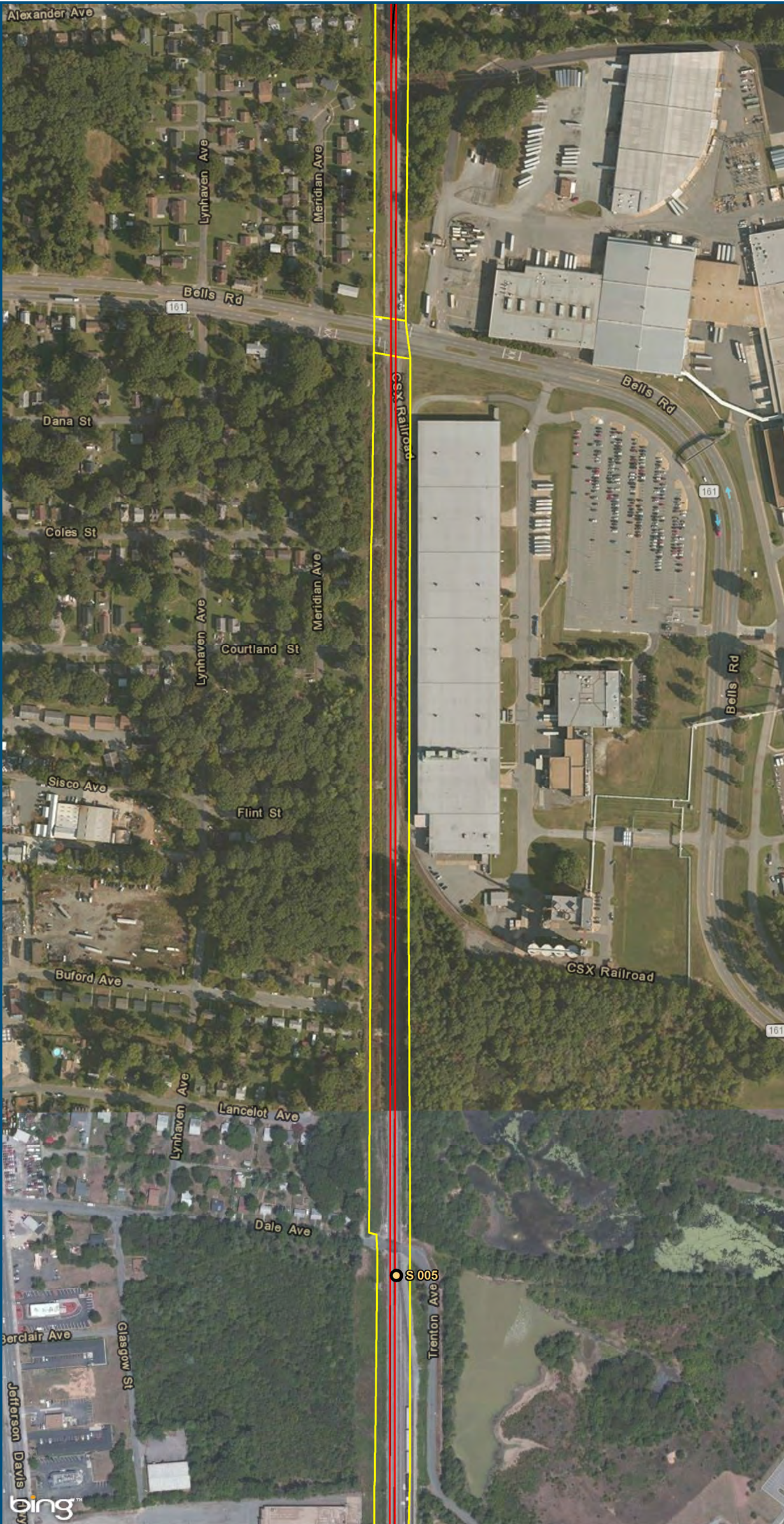


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-16
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsmain\gis_data\GIS\Projects\011545_VADepot\Rail-PublicTransportation\0239056_RAPS-4\Dev-Concept\Eng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

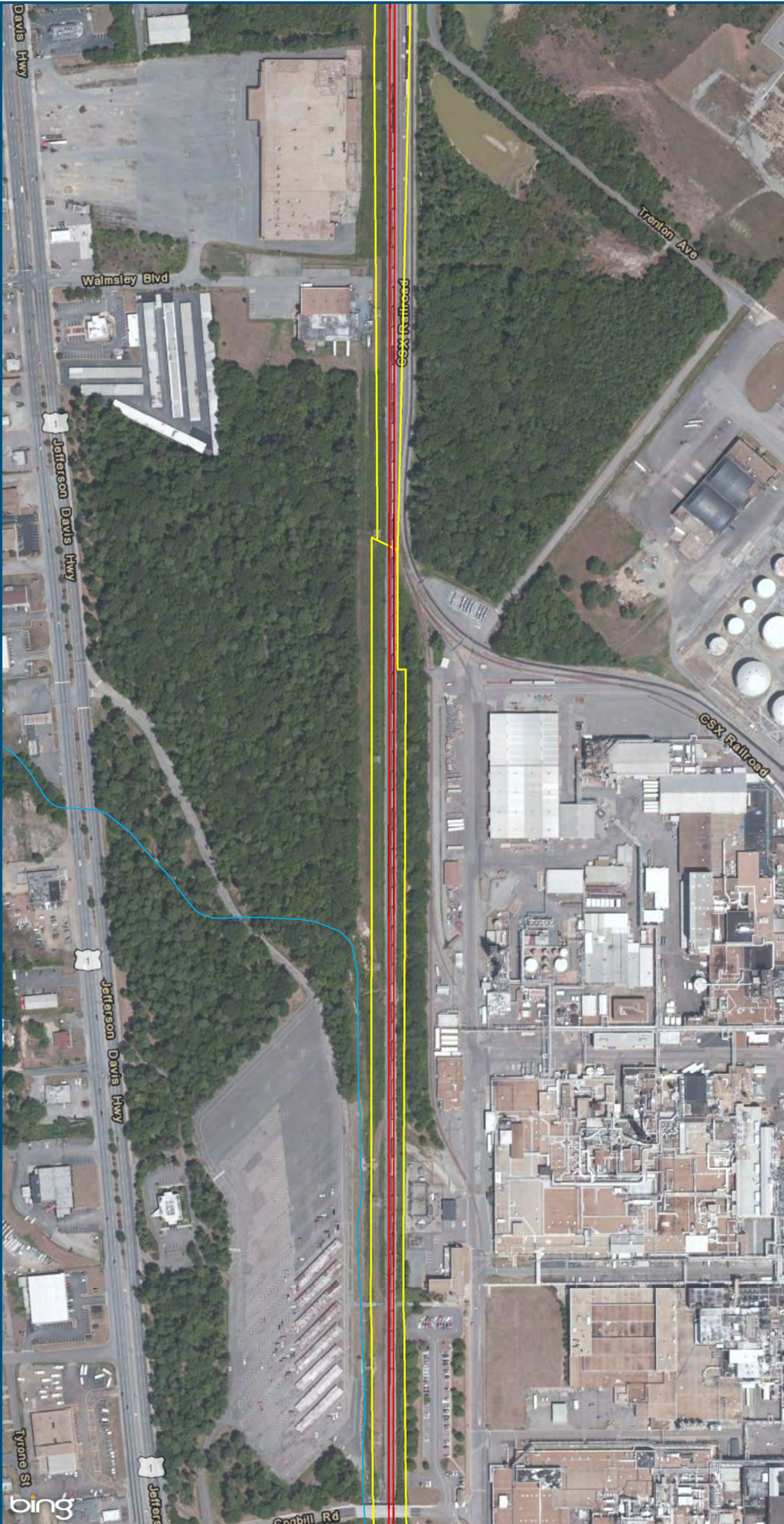


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-17
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotRailPublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

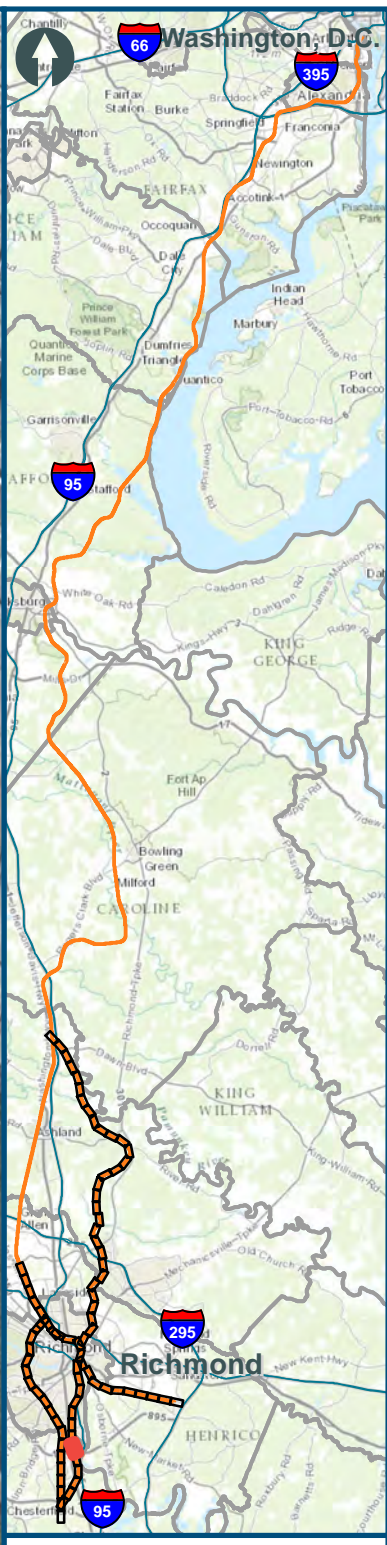
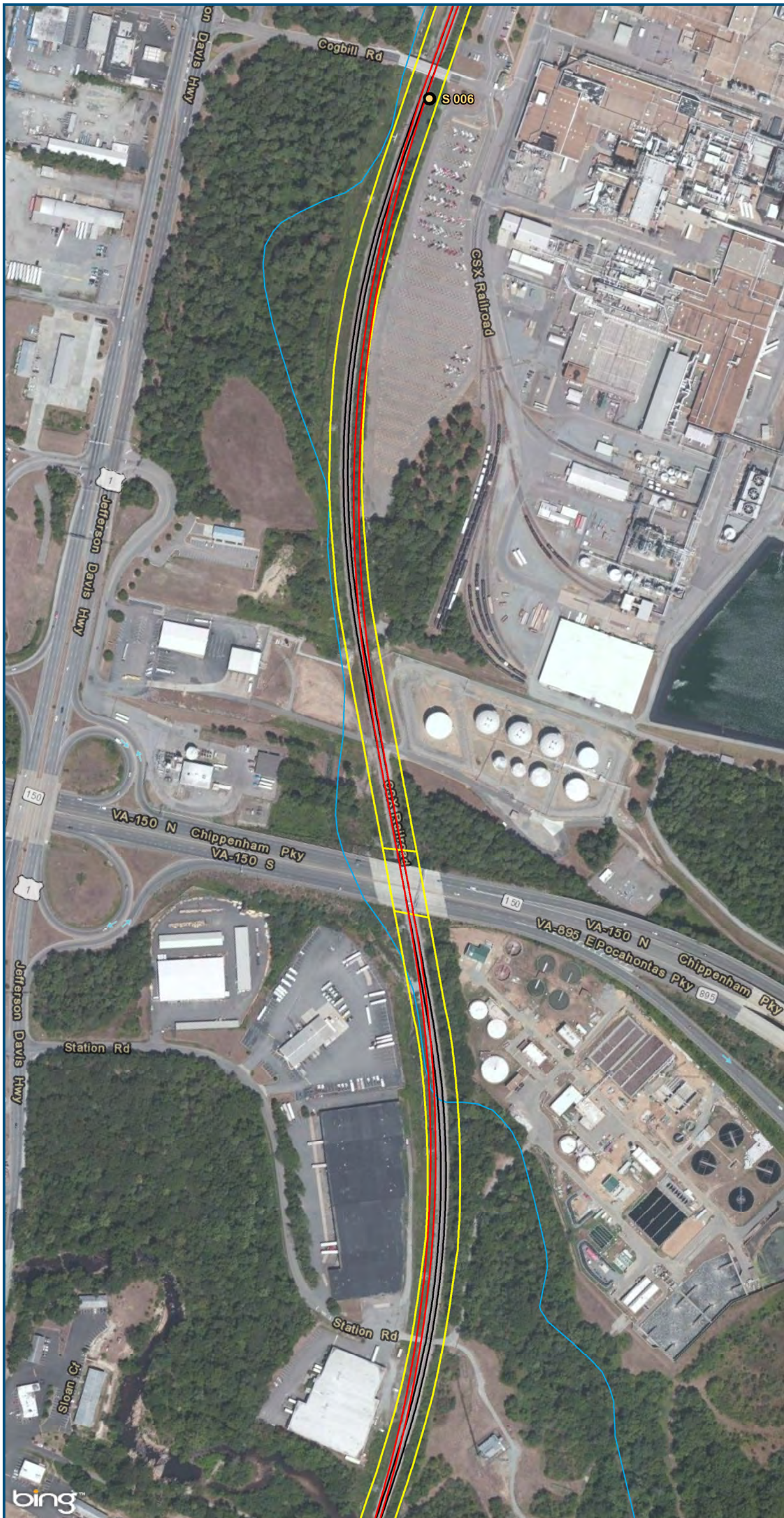


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-18
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_VADepotofRails-ConceptEng\map_docs\mxd\VA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

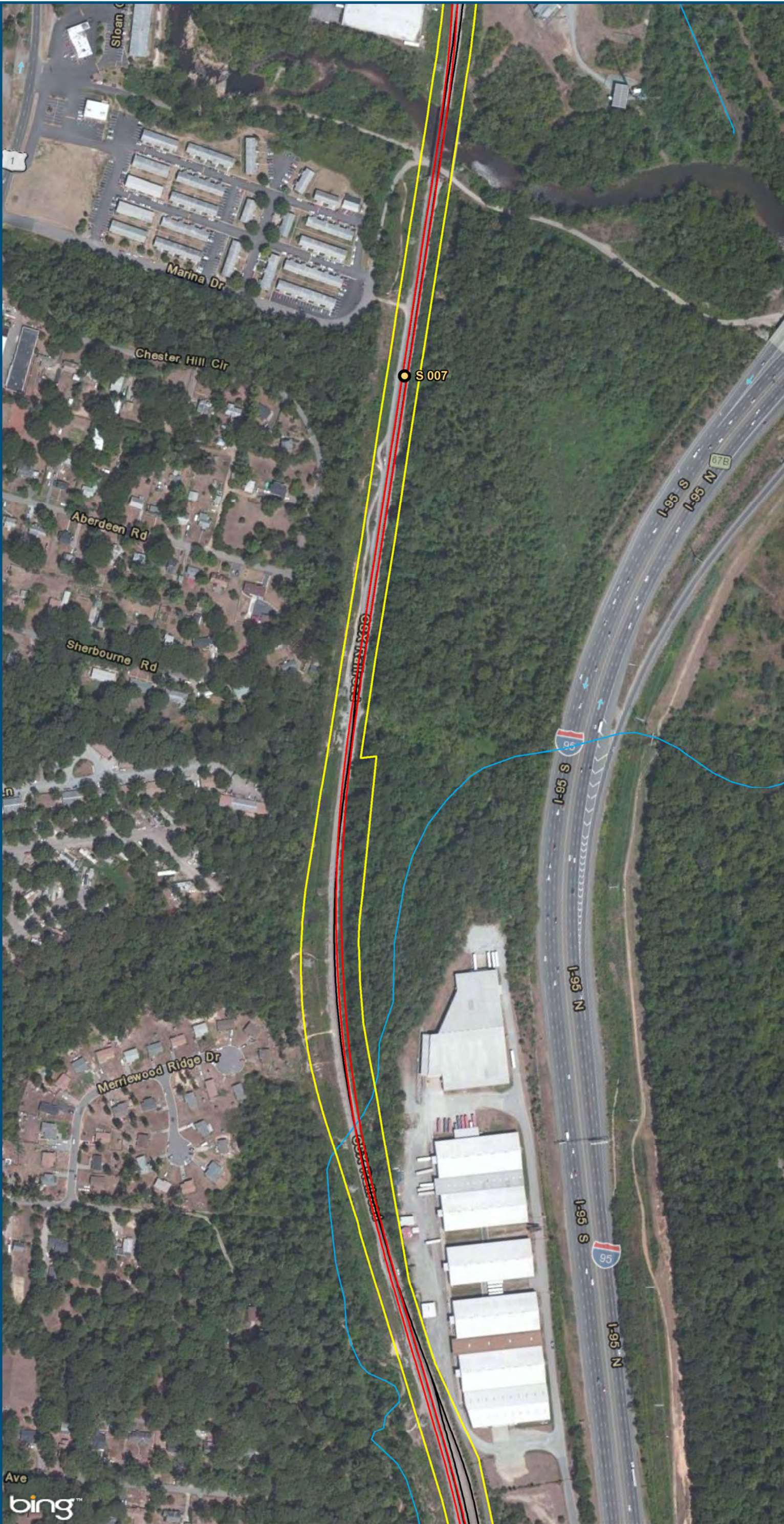


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-19
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

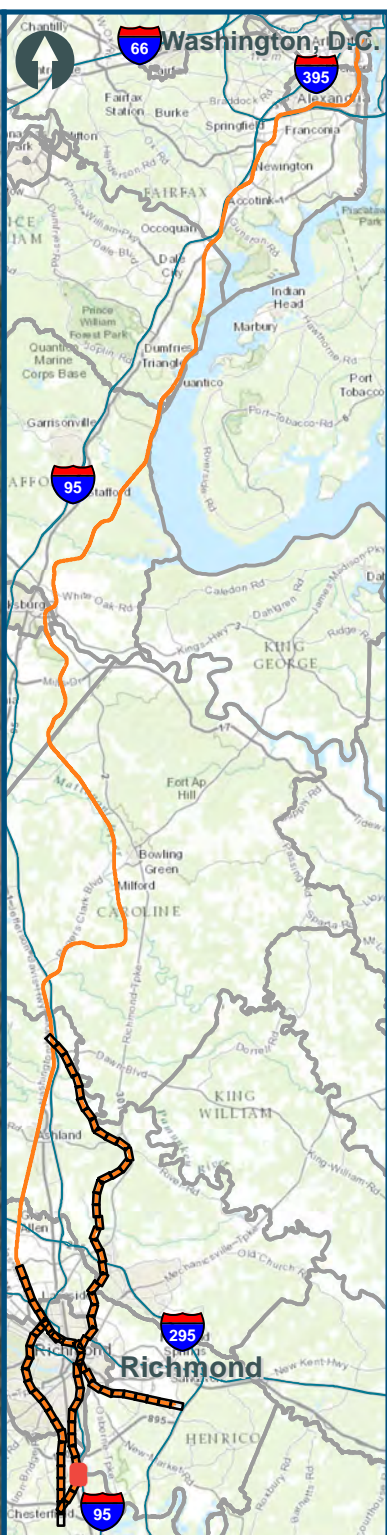
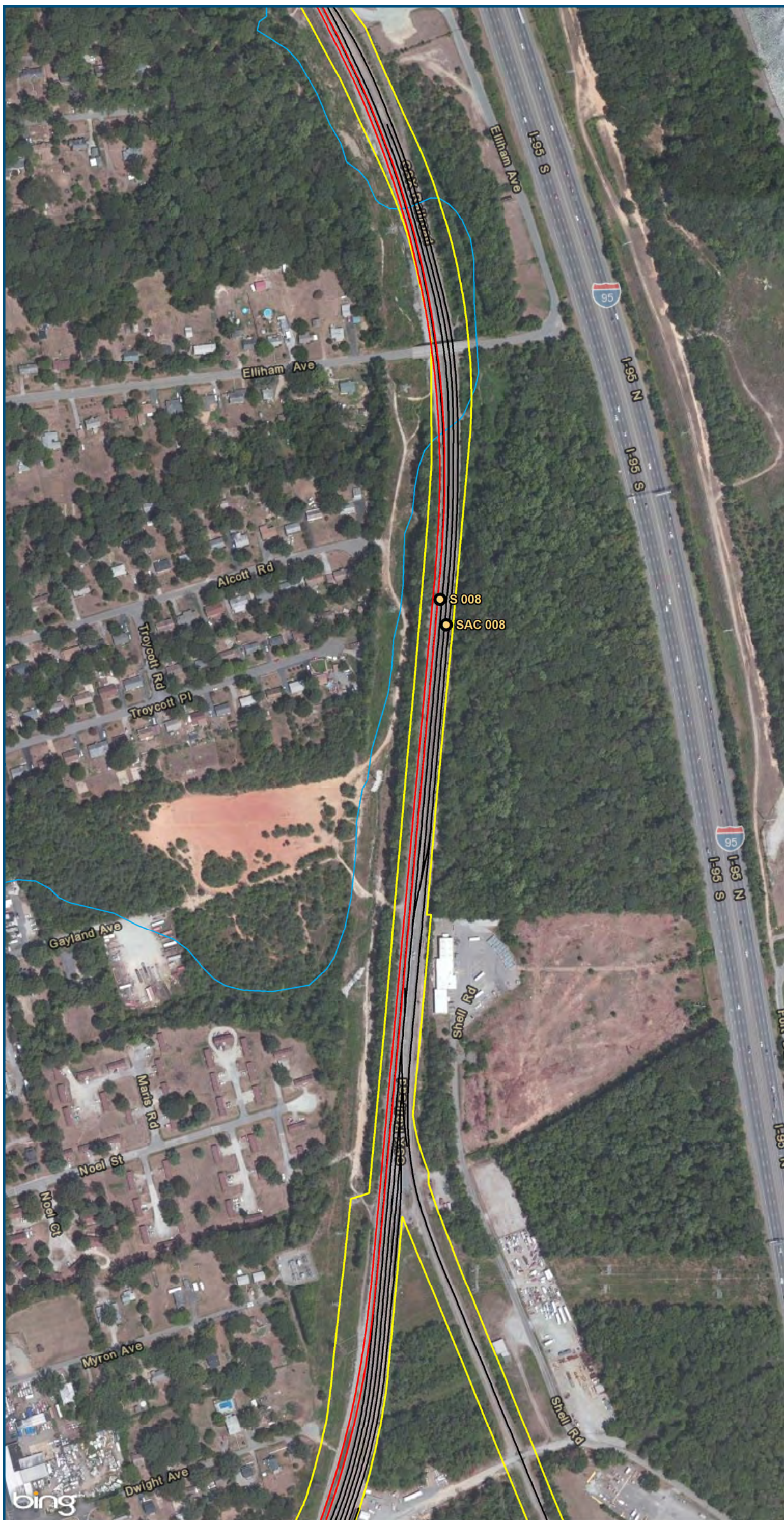


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-20
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VA\Dev\ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

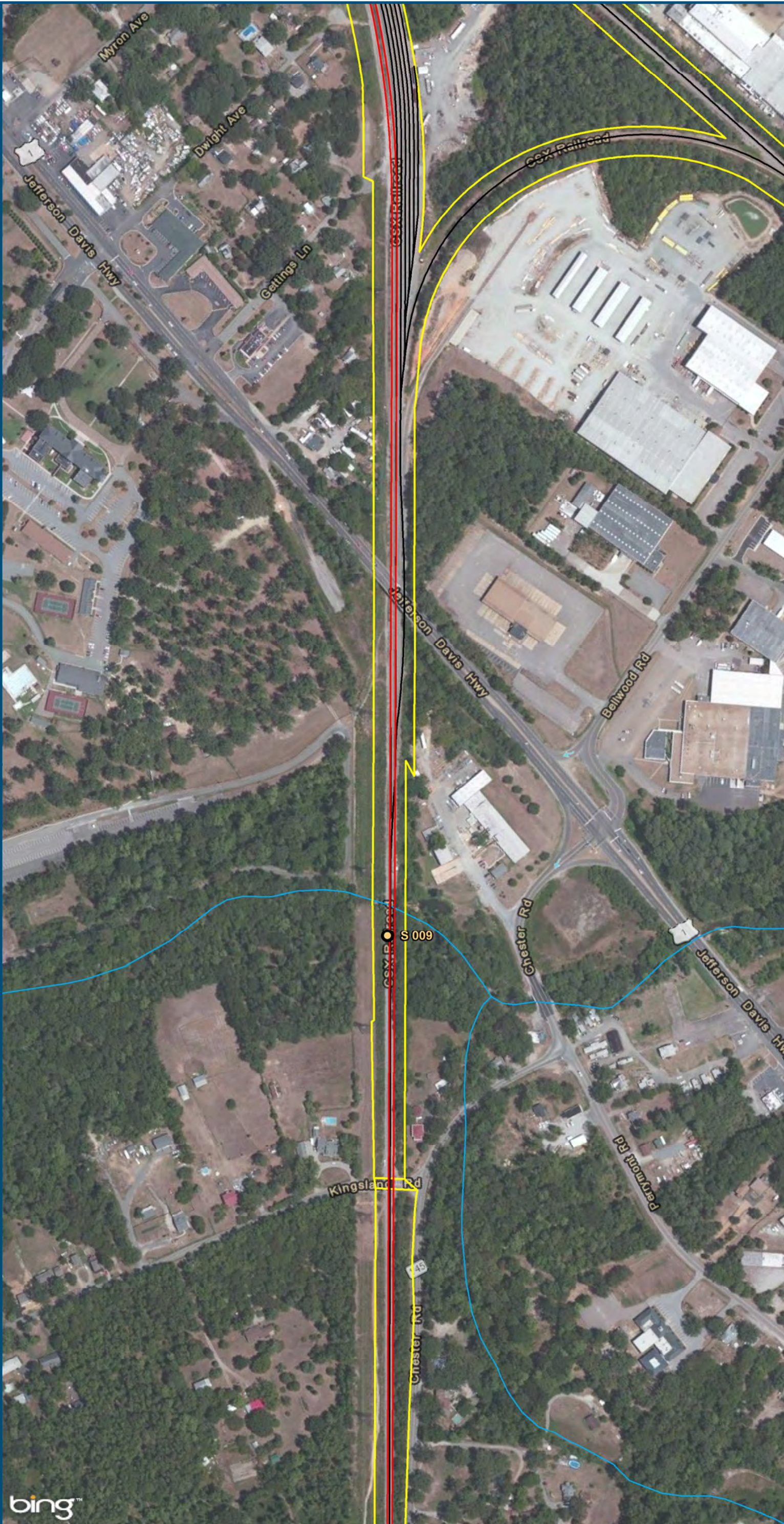


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-21
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



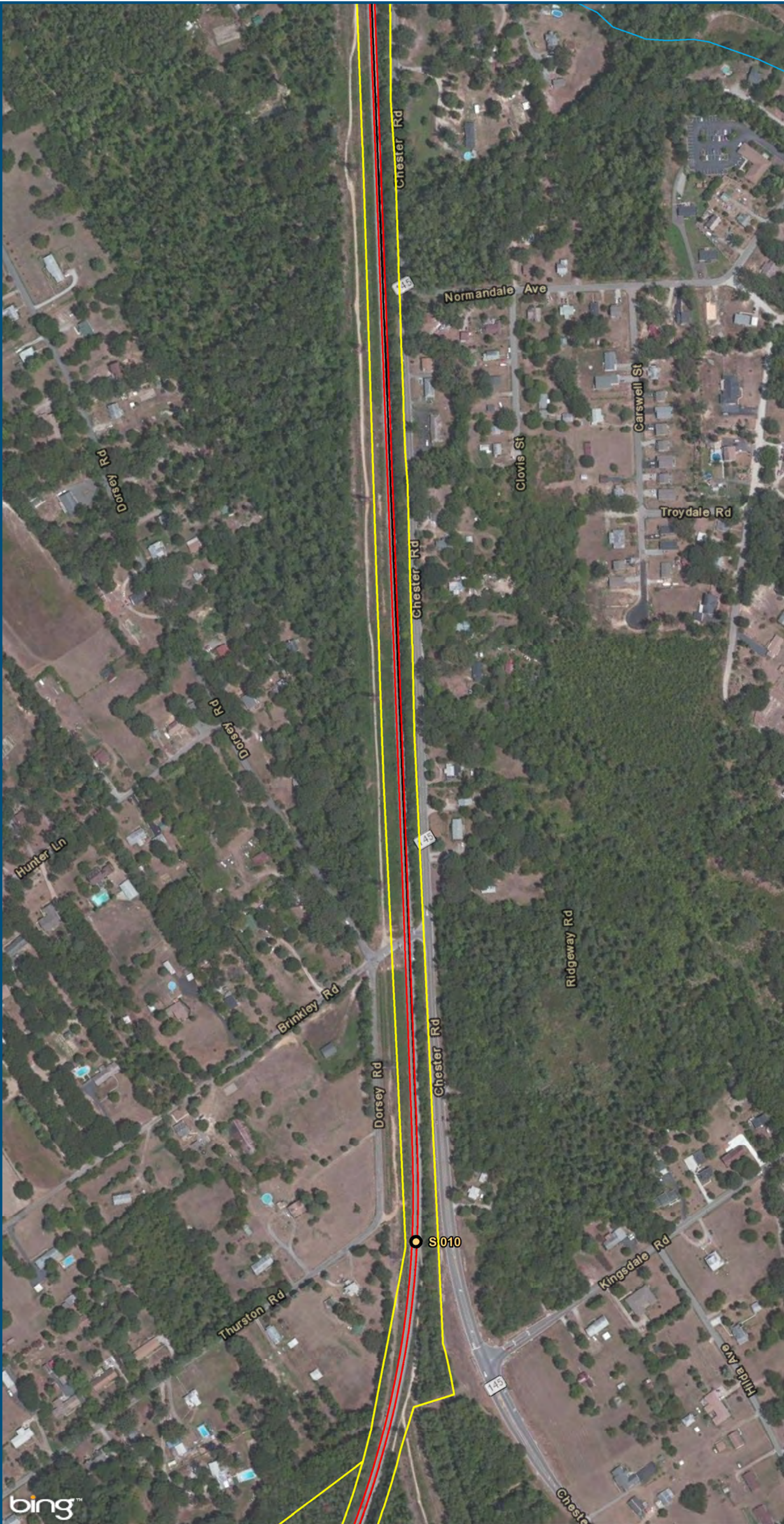
0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

Legend

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

Figure Z-22
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

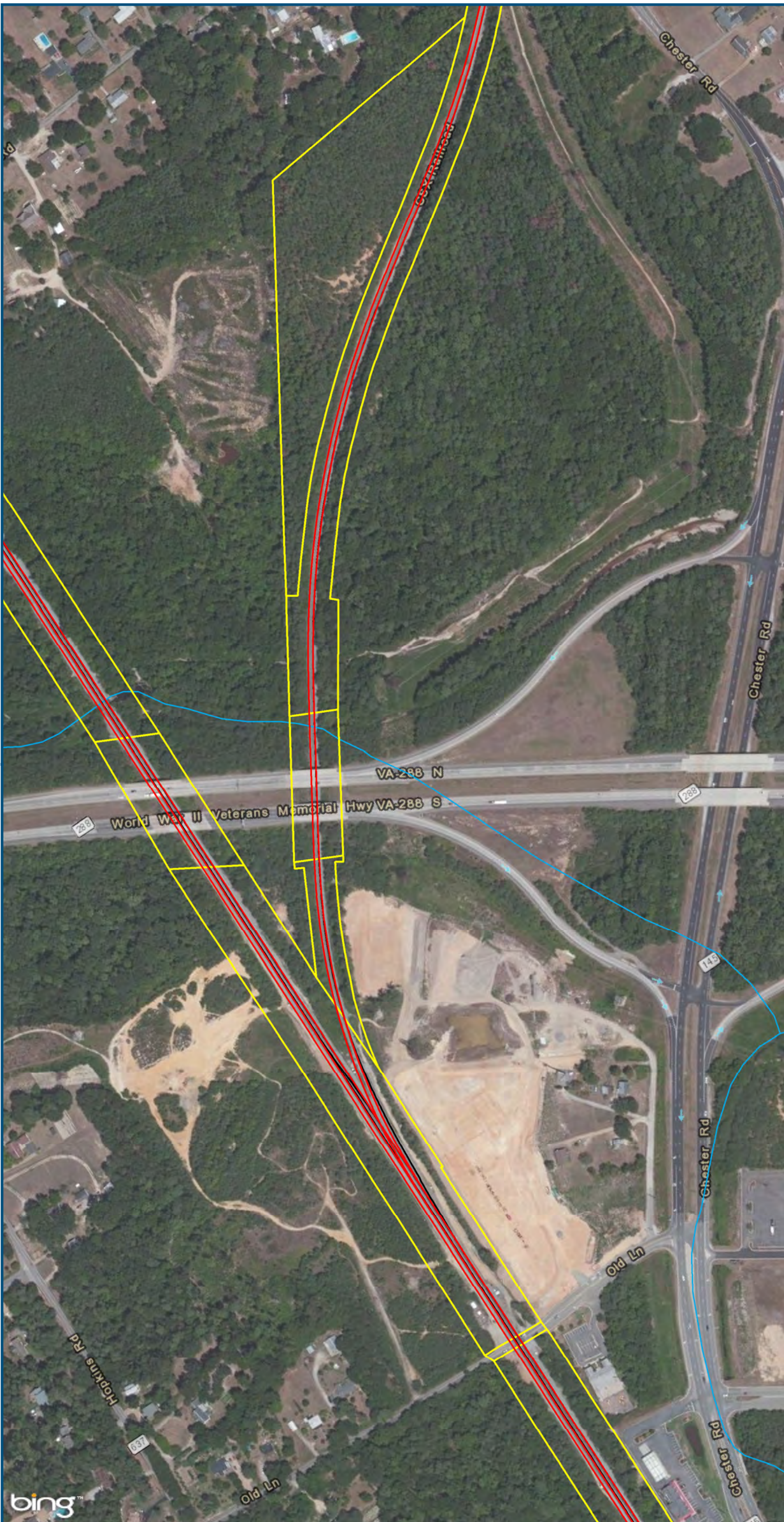


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-23
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\VA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

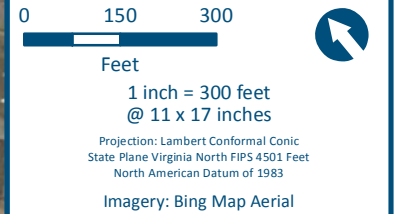
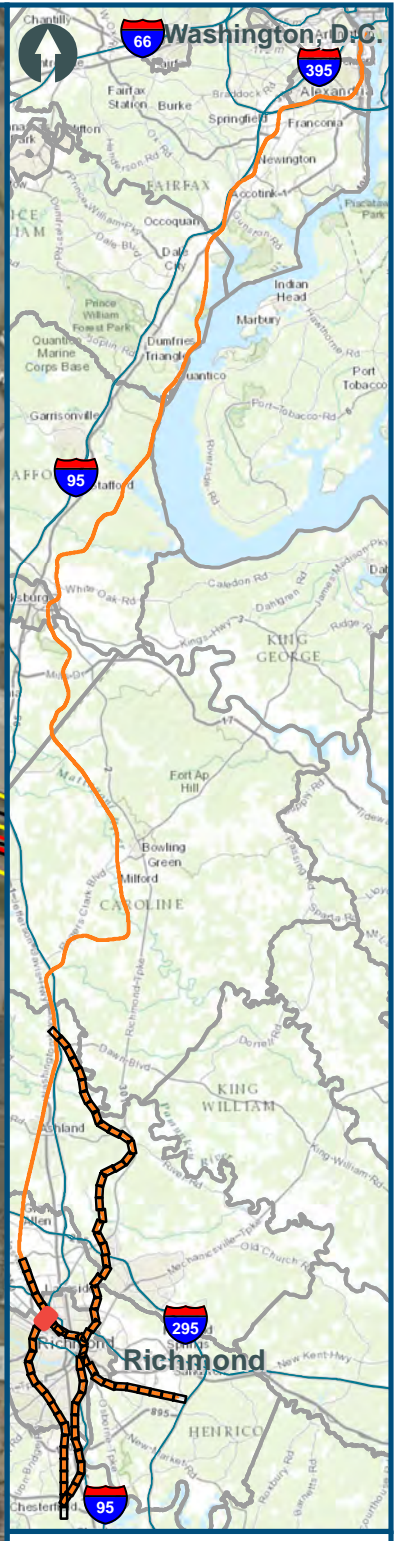


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-24
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

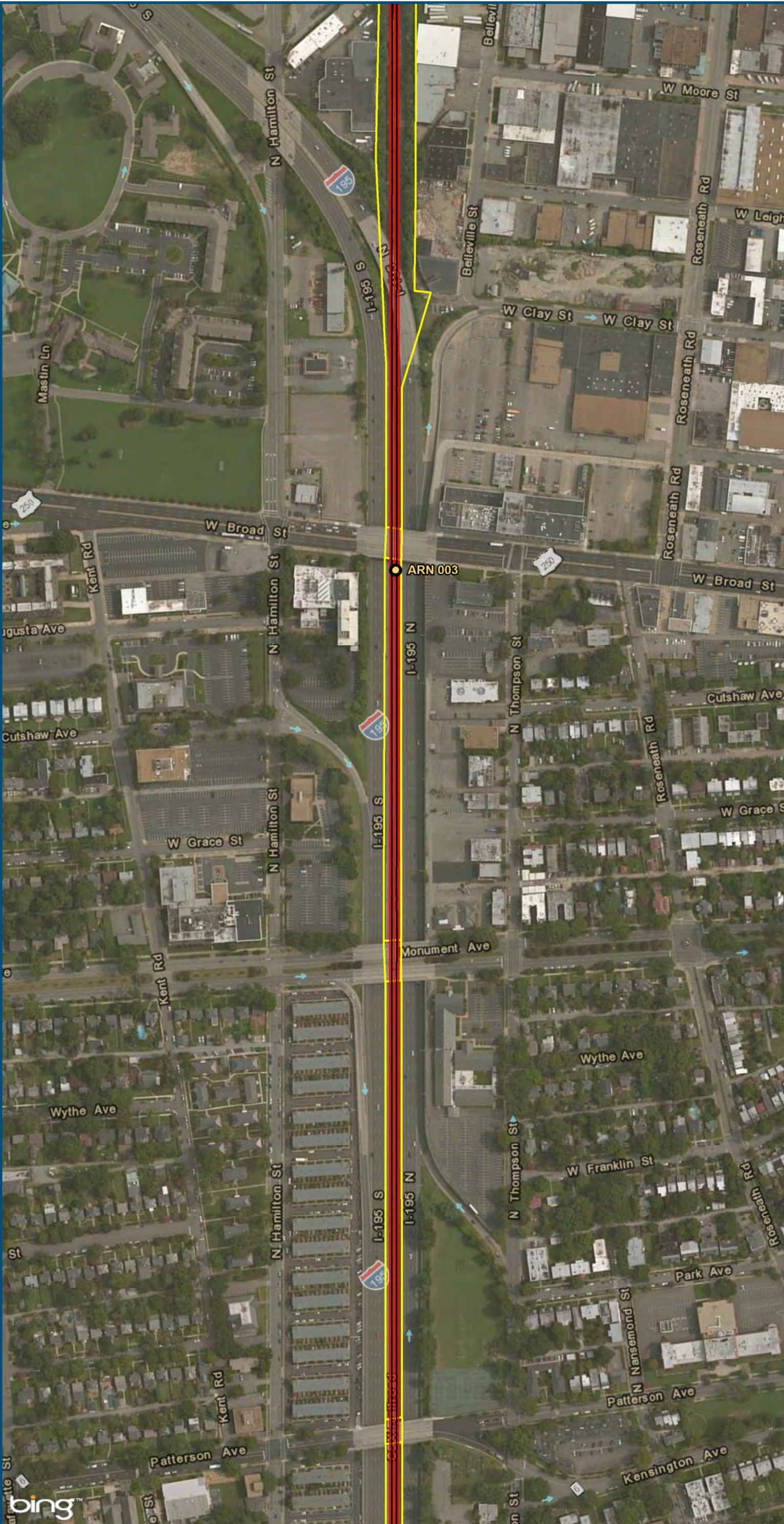
\\cslmain\gis_data\GIS\Projects\011545_VADepotRailPublicTransportation\0239056_RAPS-4AllDev-ConceptEngMap_doco\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-25
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

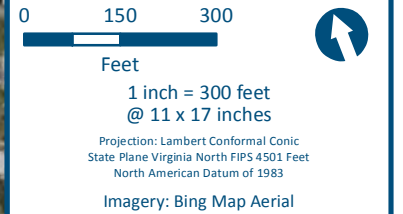
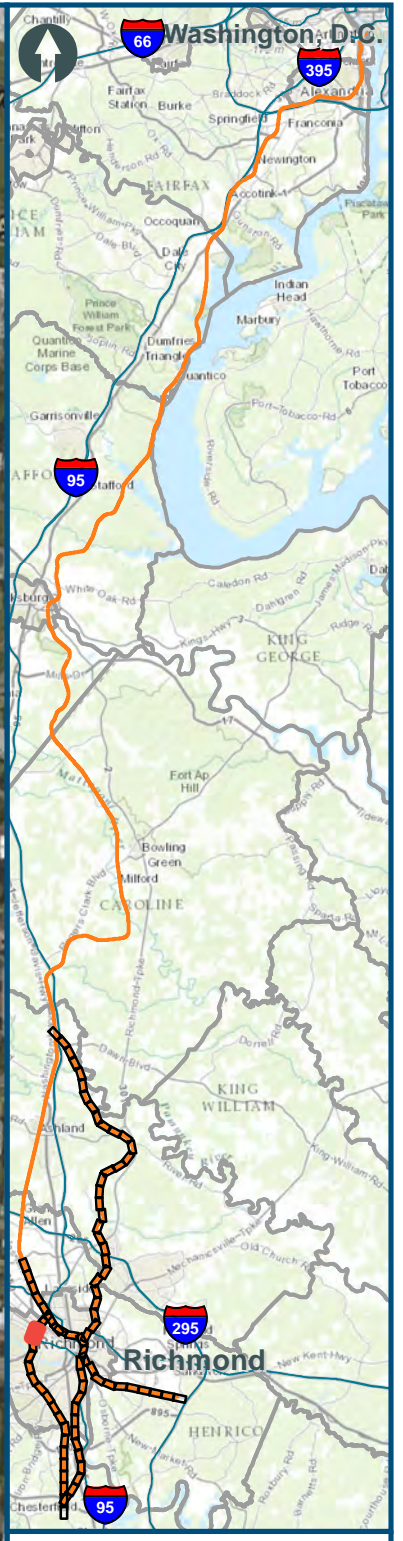
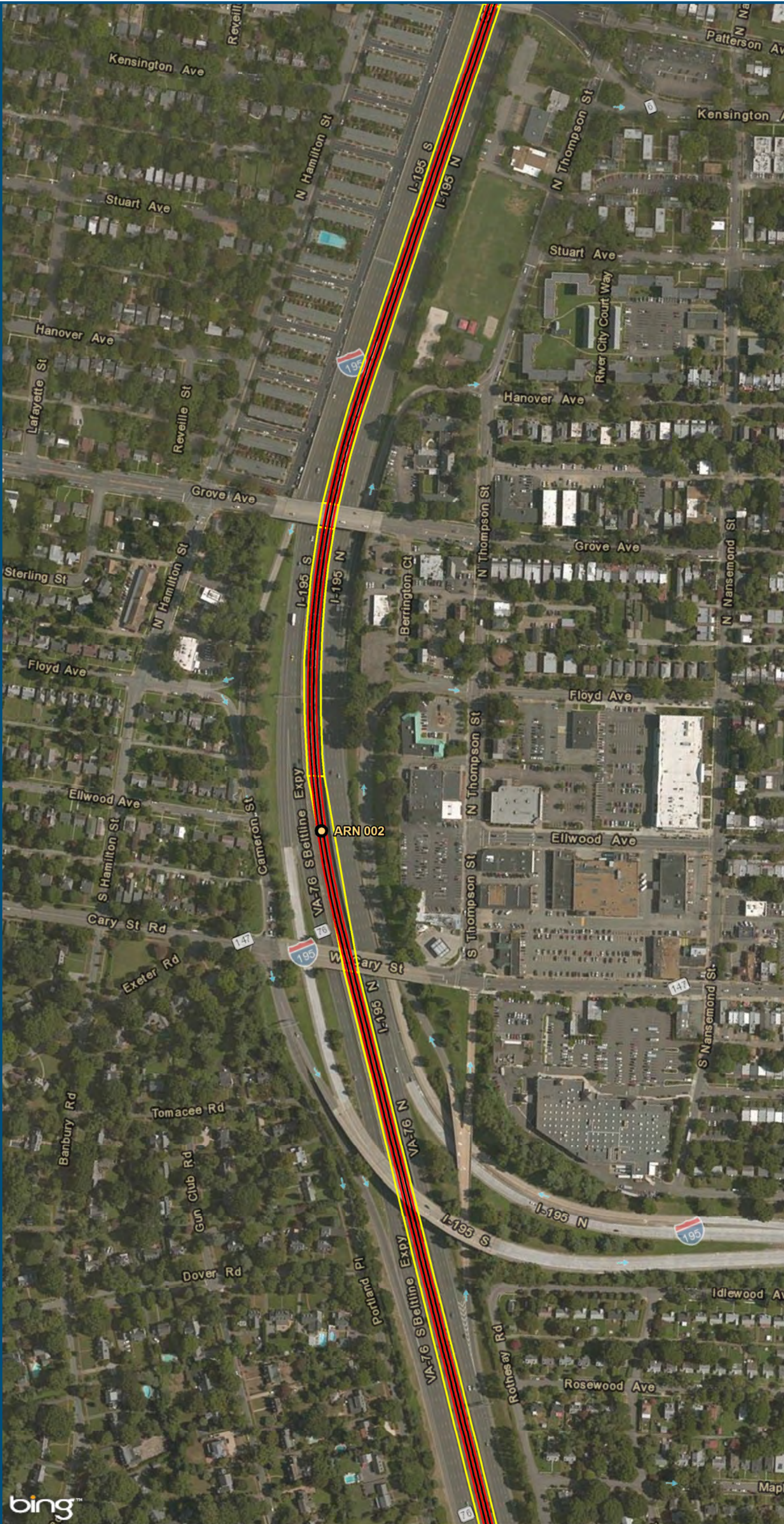


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-26
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

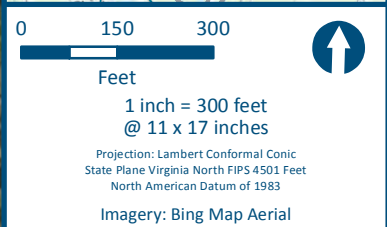
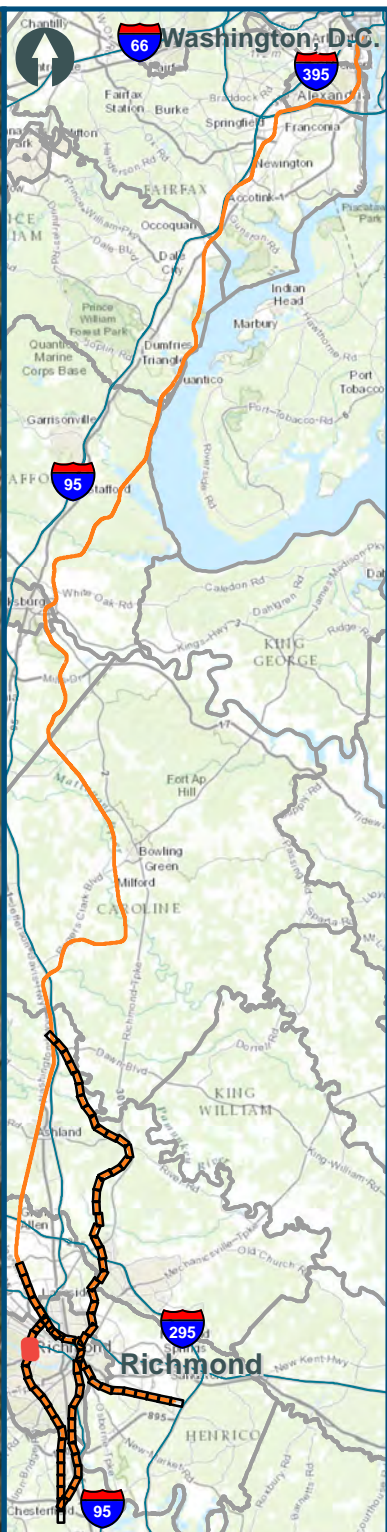
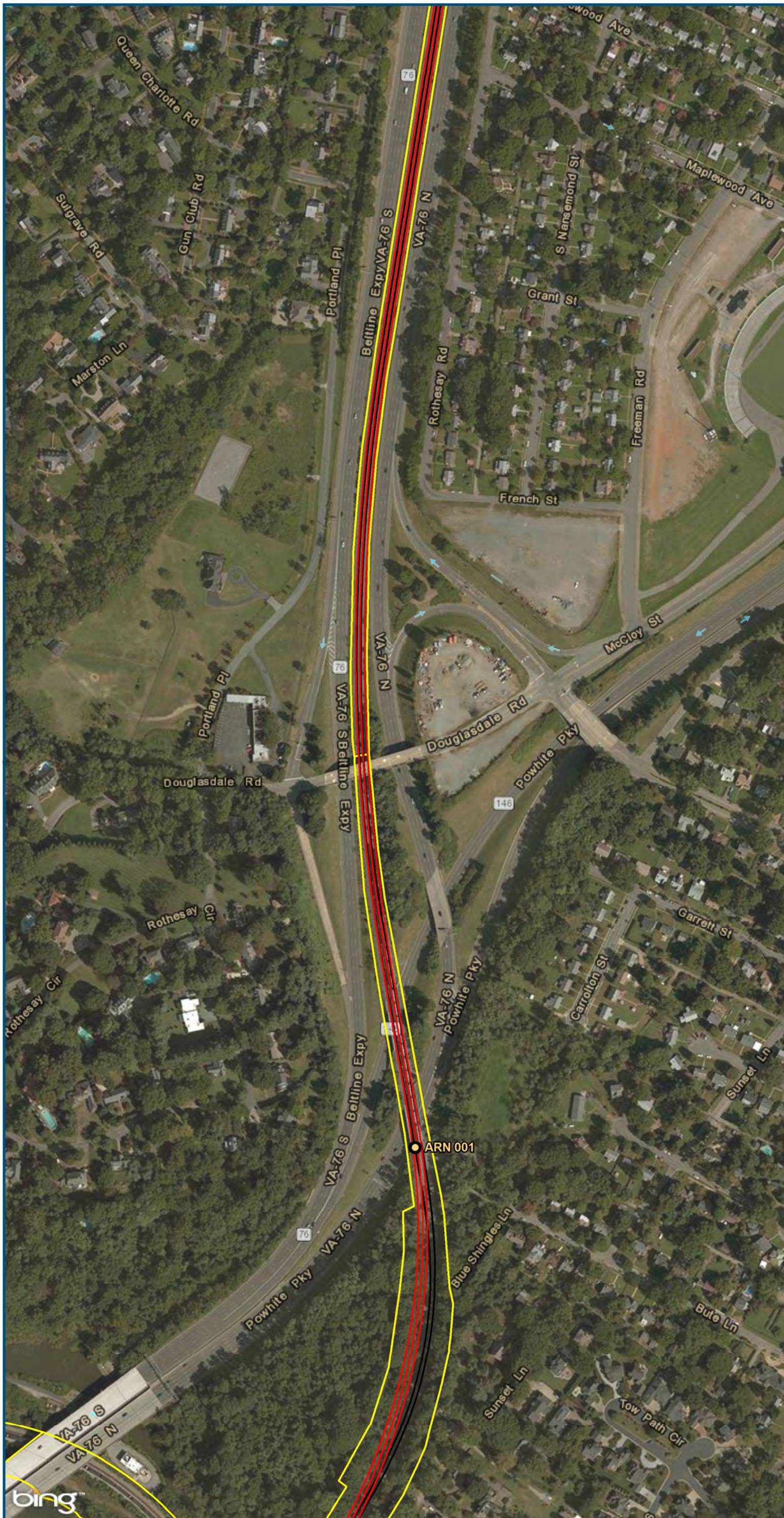
\\cslmain\gis_data\GIS\Projects\011545_VADepotRailPublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-27
Richmond Segment
Hold Bridges and
Tangents
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_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-28
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepot\Rail-PublicTransportation\0239056_RAPS-4\Dev-Concept\Eng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

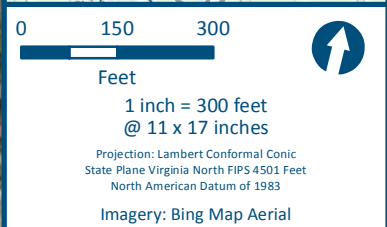
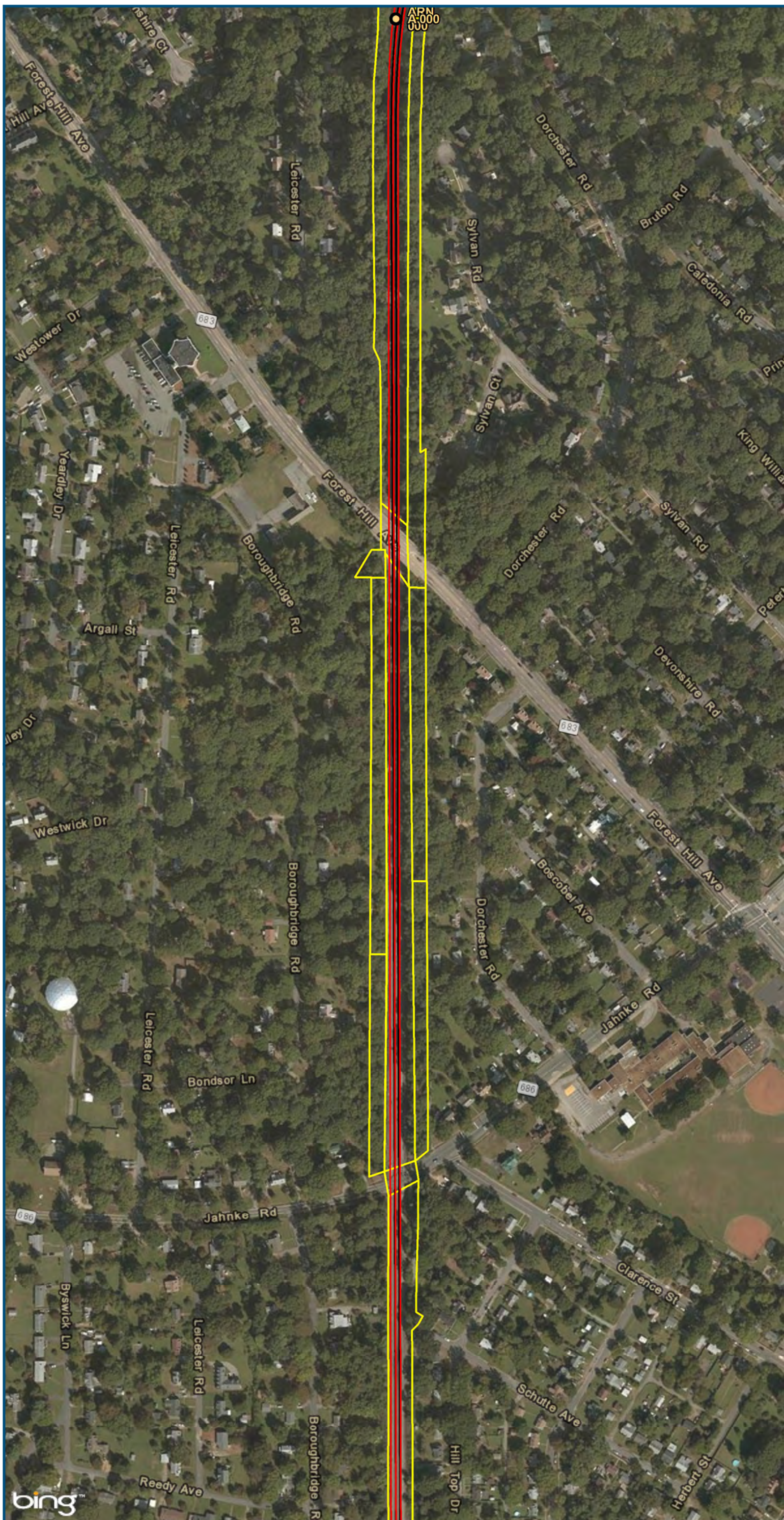


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-29
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

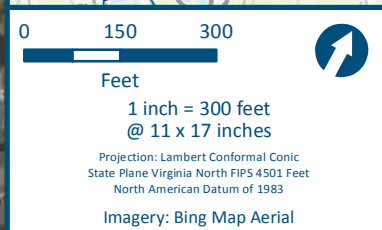
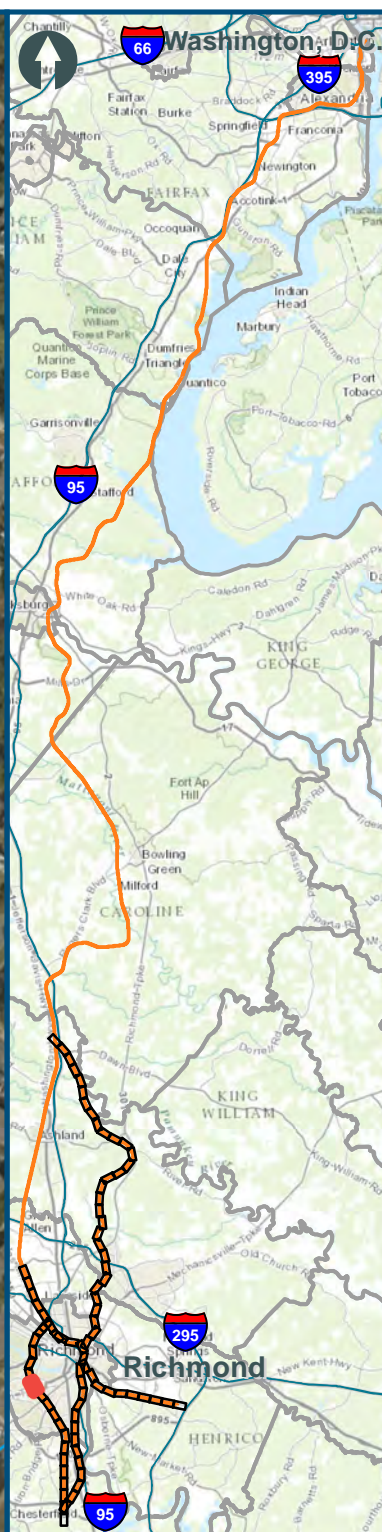
\\cslmain\gis_data\GIS\Projects\011545_VA\Deplot\Rail-PublicTransportation\0239056_RAPS-4\Dev-Concept\Eng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-30
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

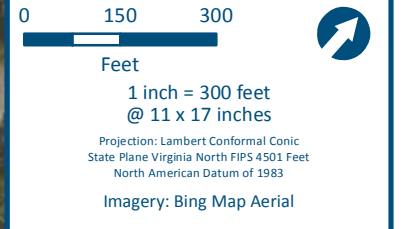
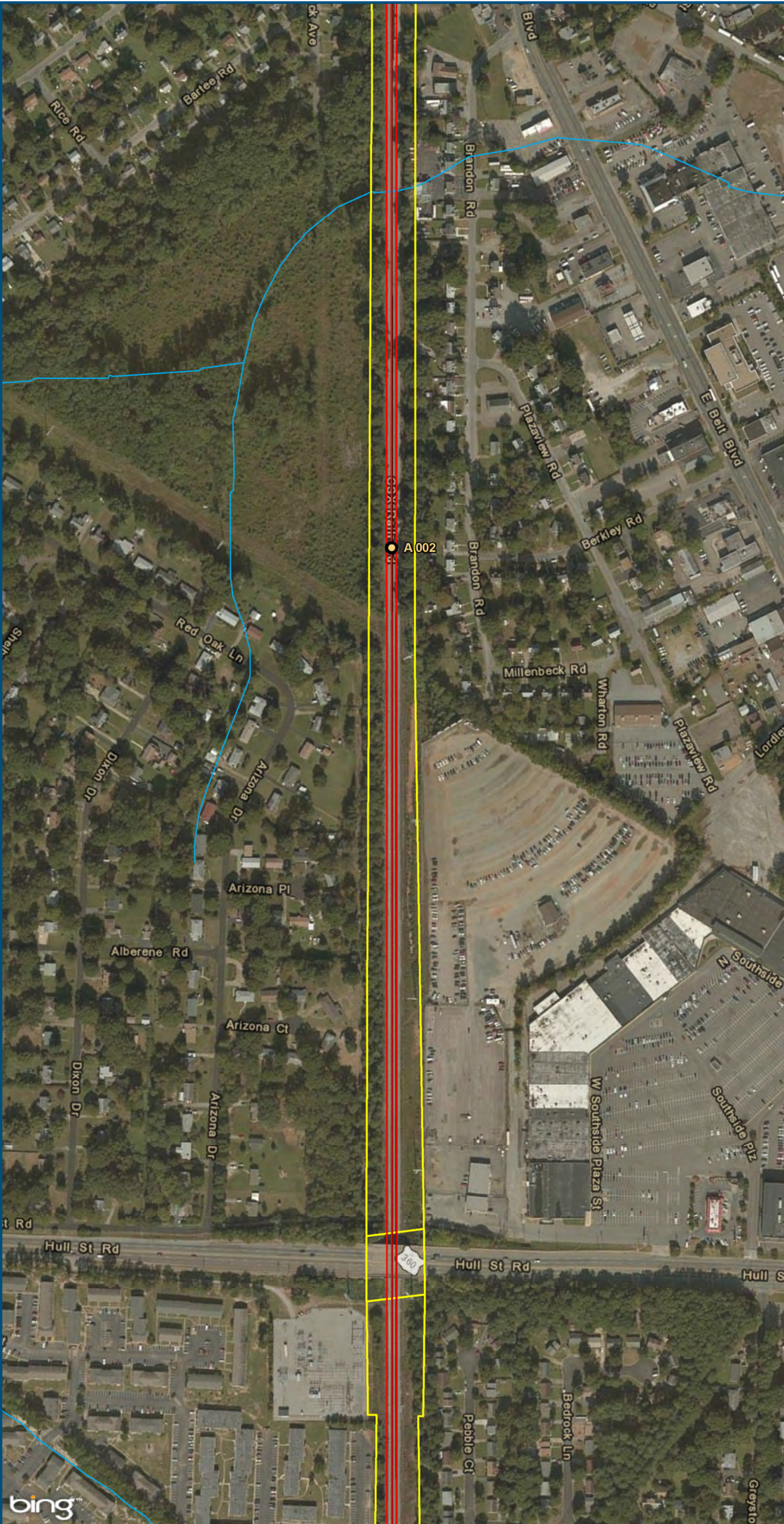
\\cslmain\gis_data\GIS\Projects\011545_VADepotRailPublicTransportation\0239056_RAPS-4\Dev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-31
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

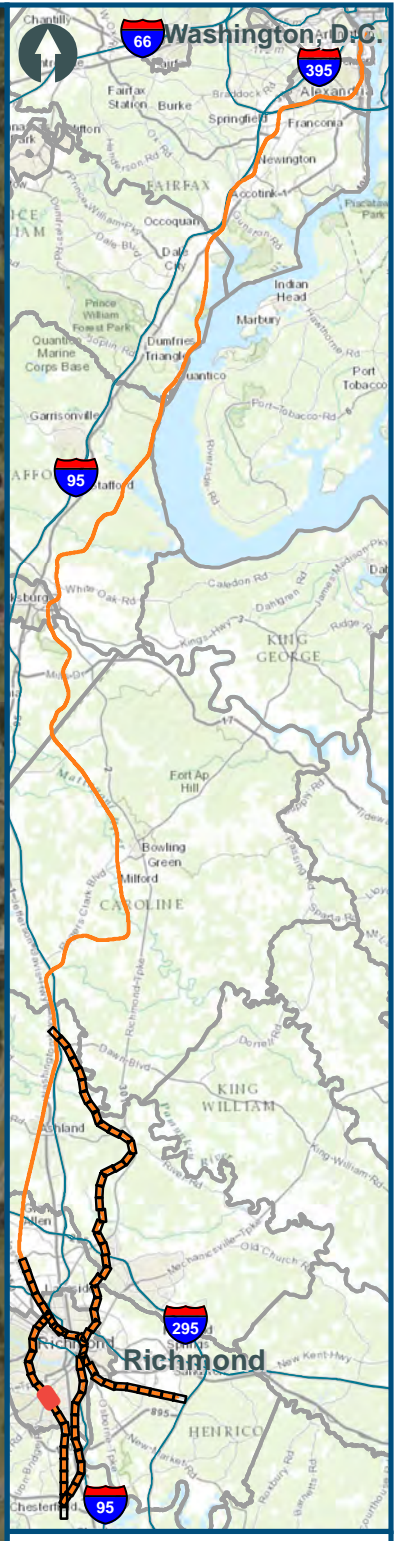
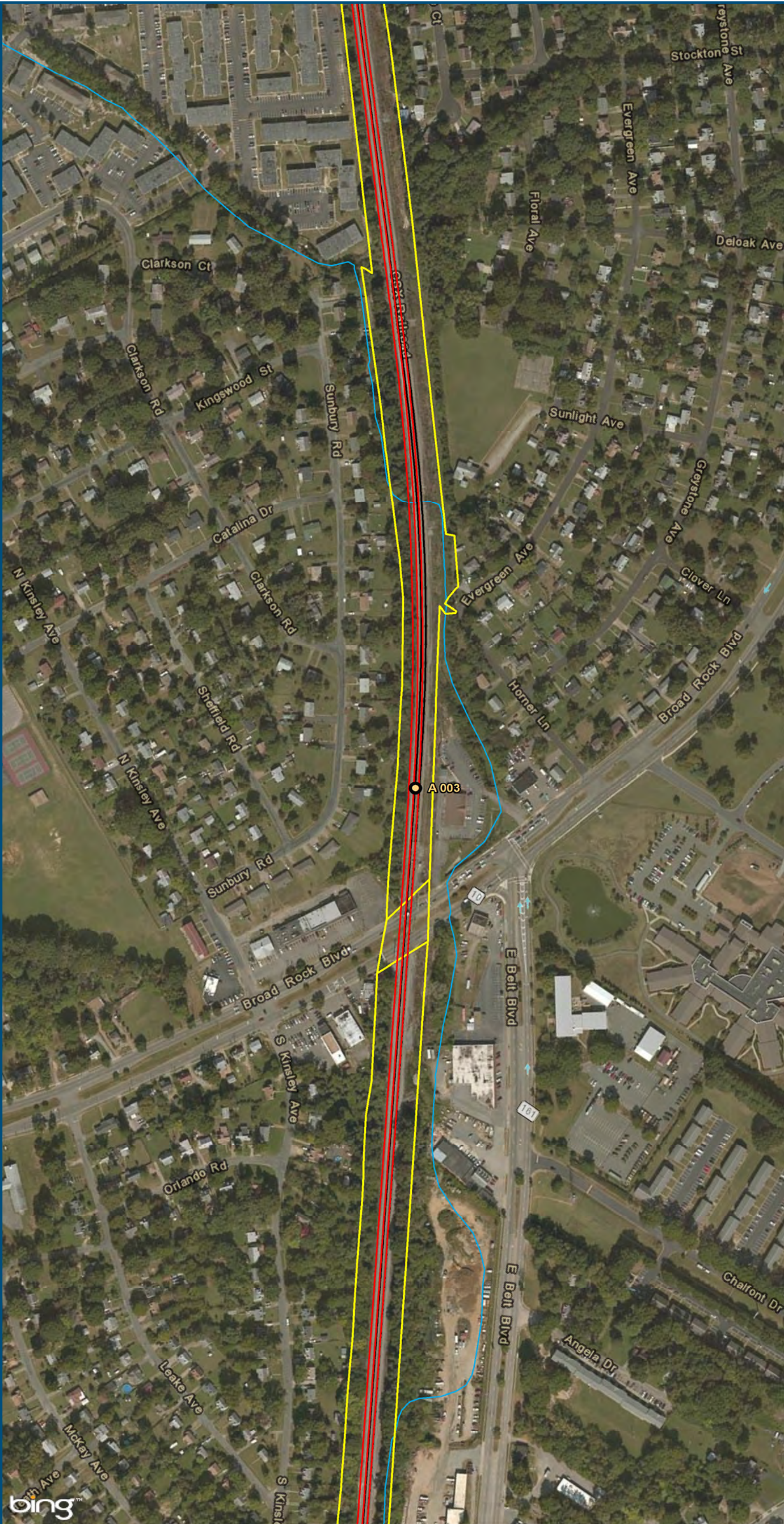
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4A\Dev-ConceptEng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-32
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotRailPublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

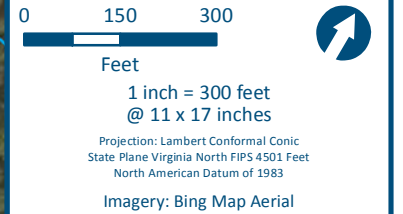
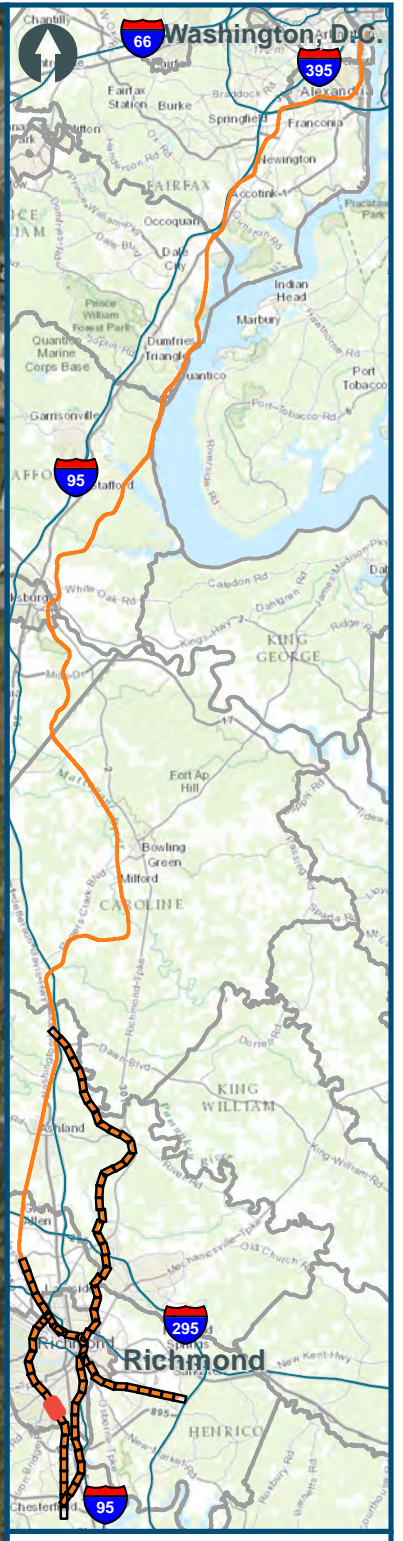
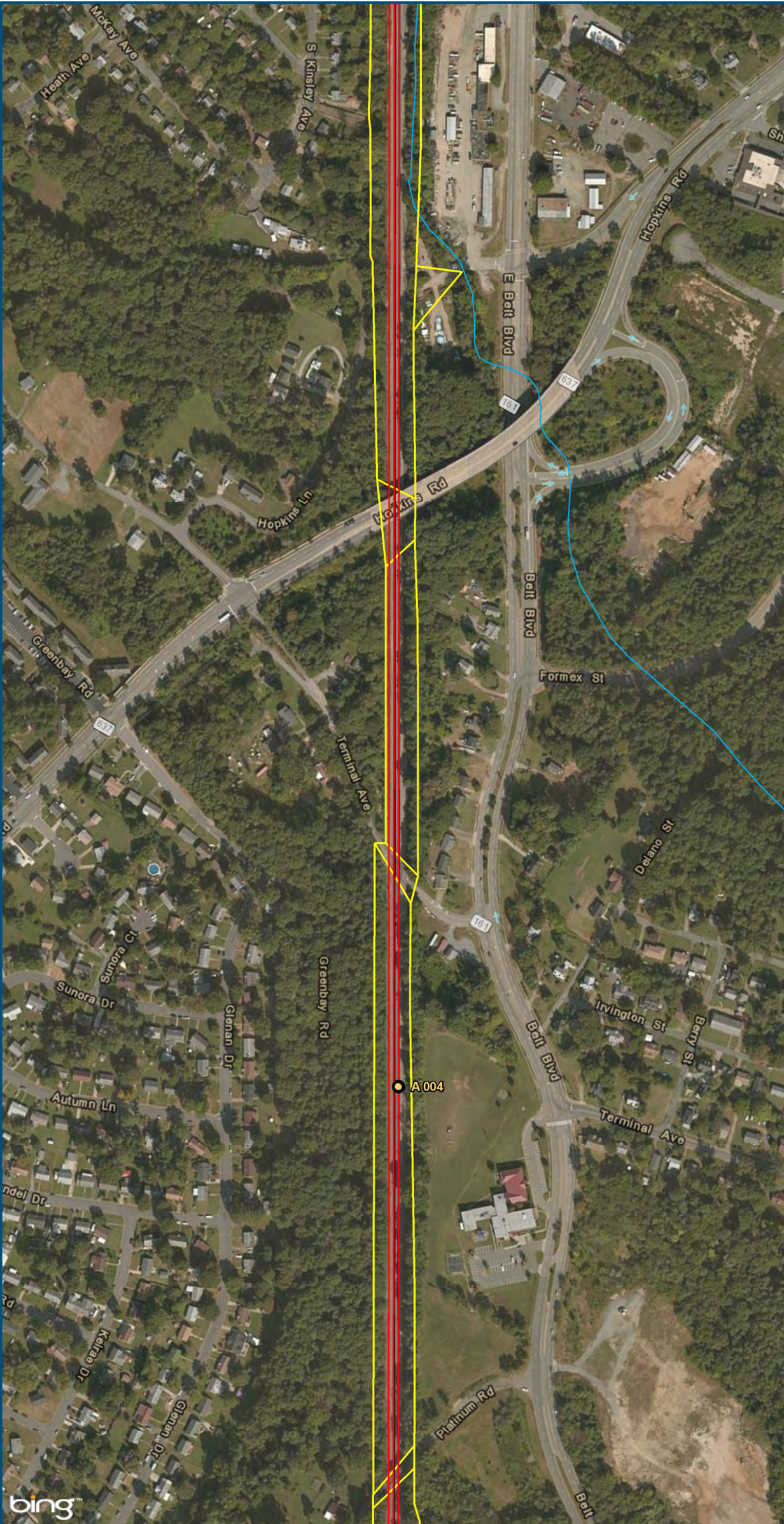


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-33
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

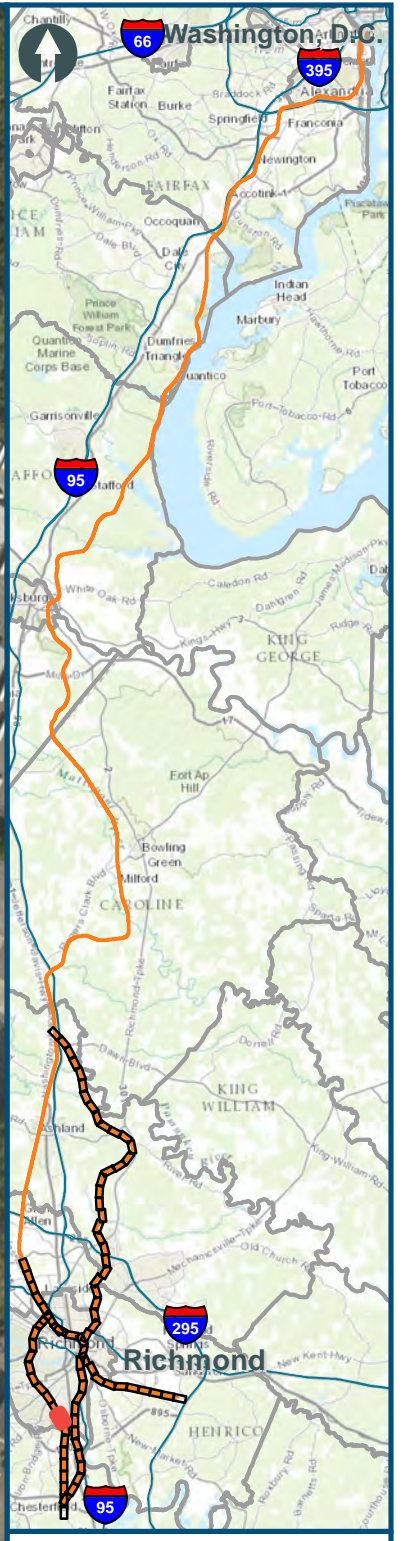
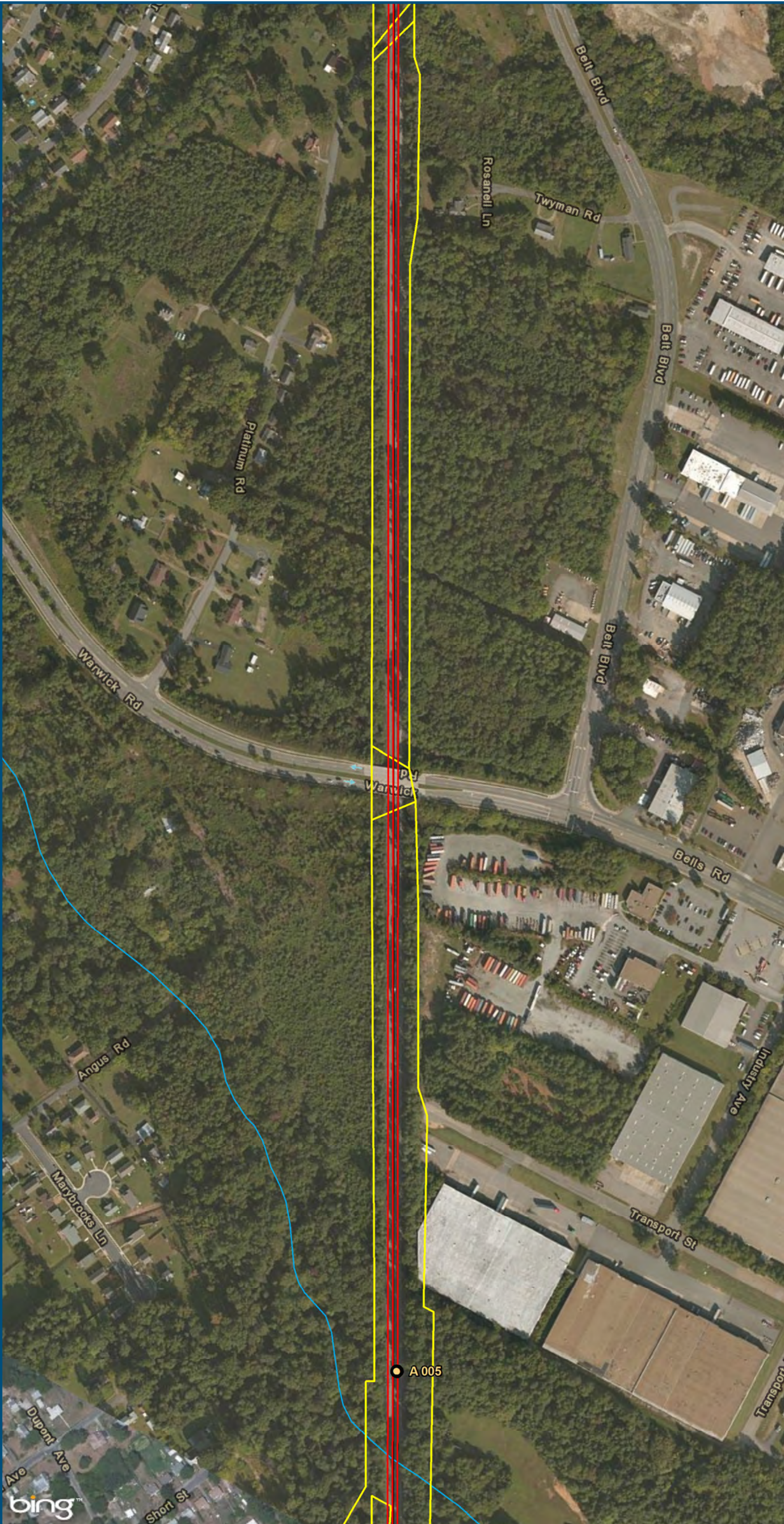
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-34
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_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 Z-35
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_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 Z-36
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

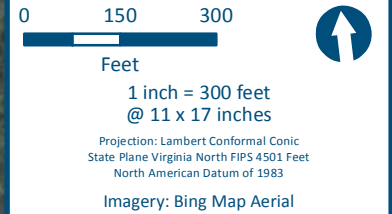
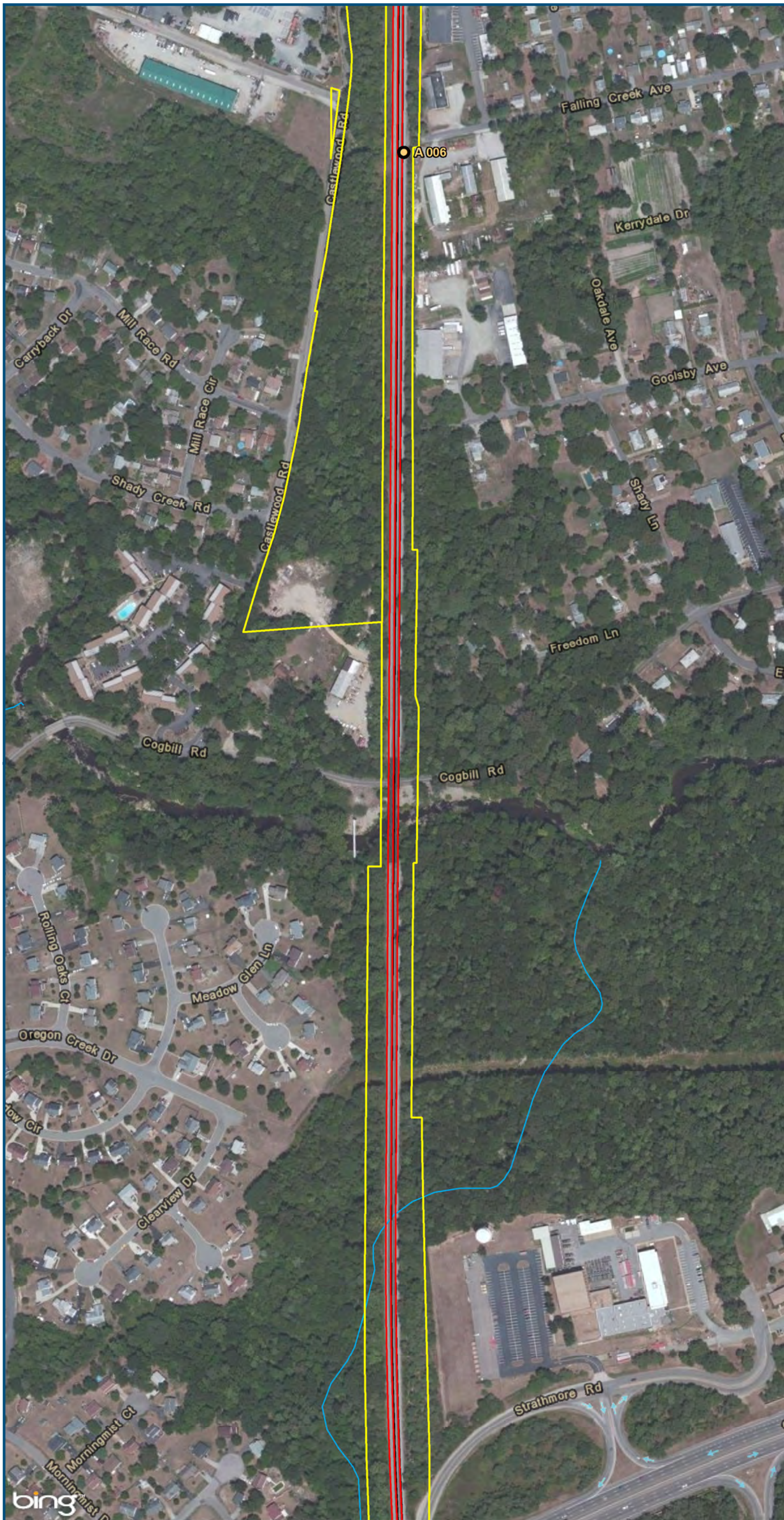
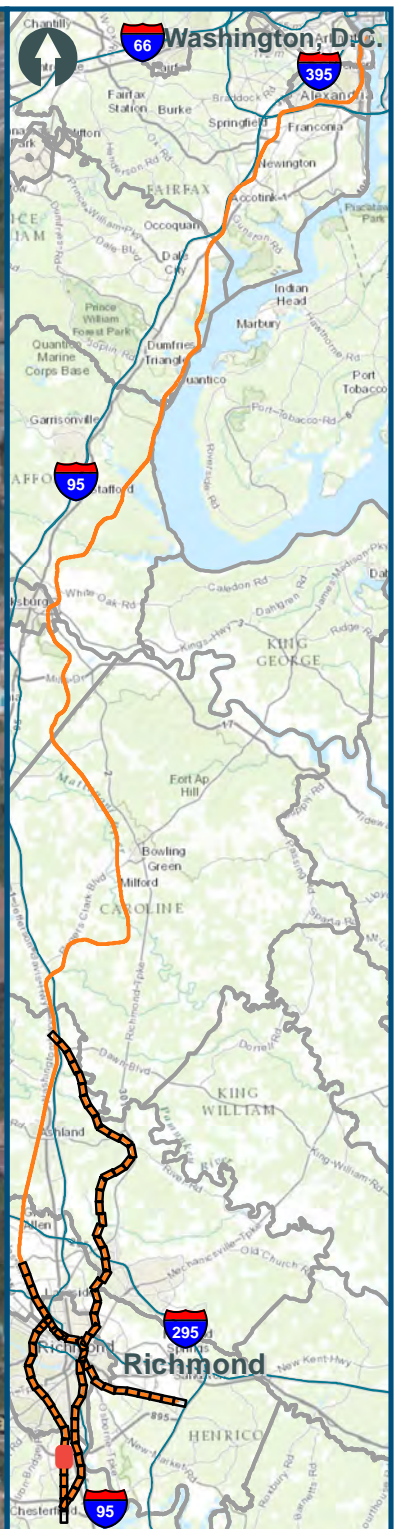
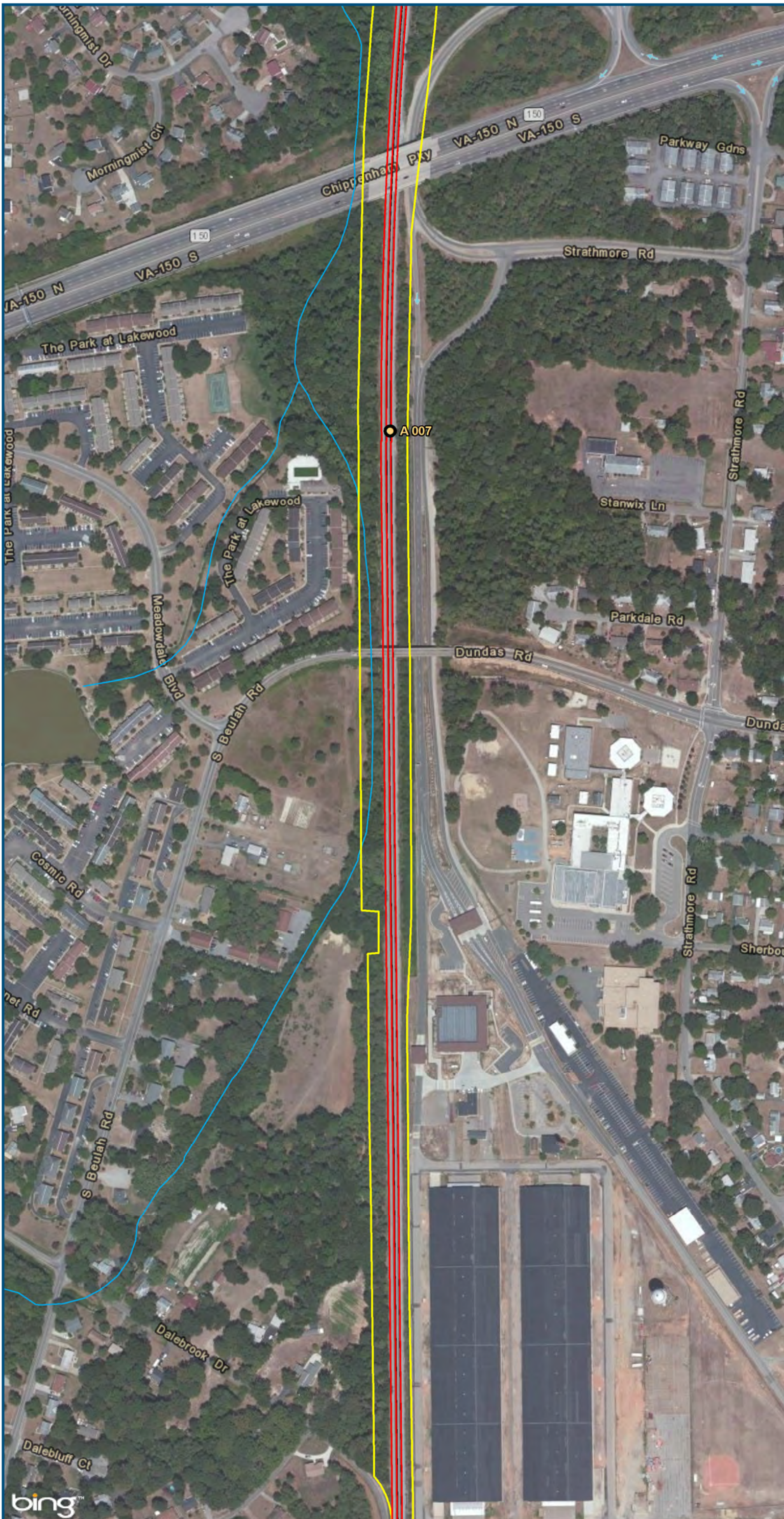


Figure Z-37
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

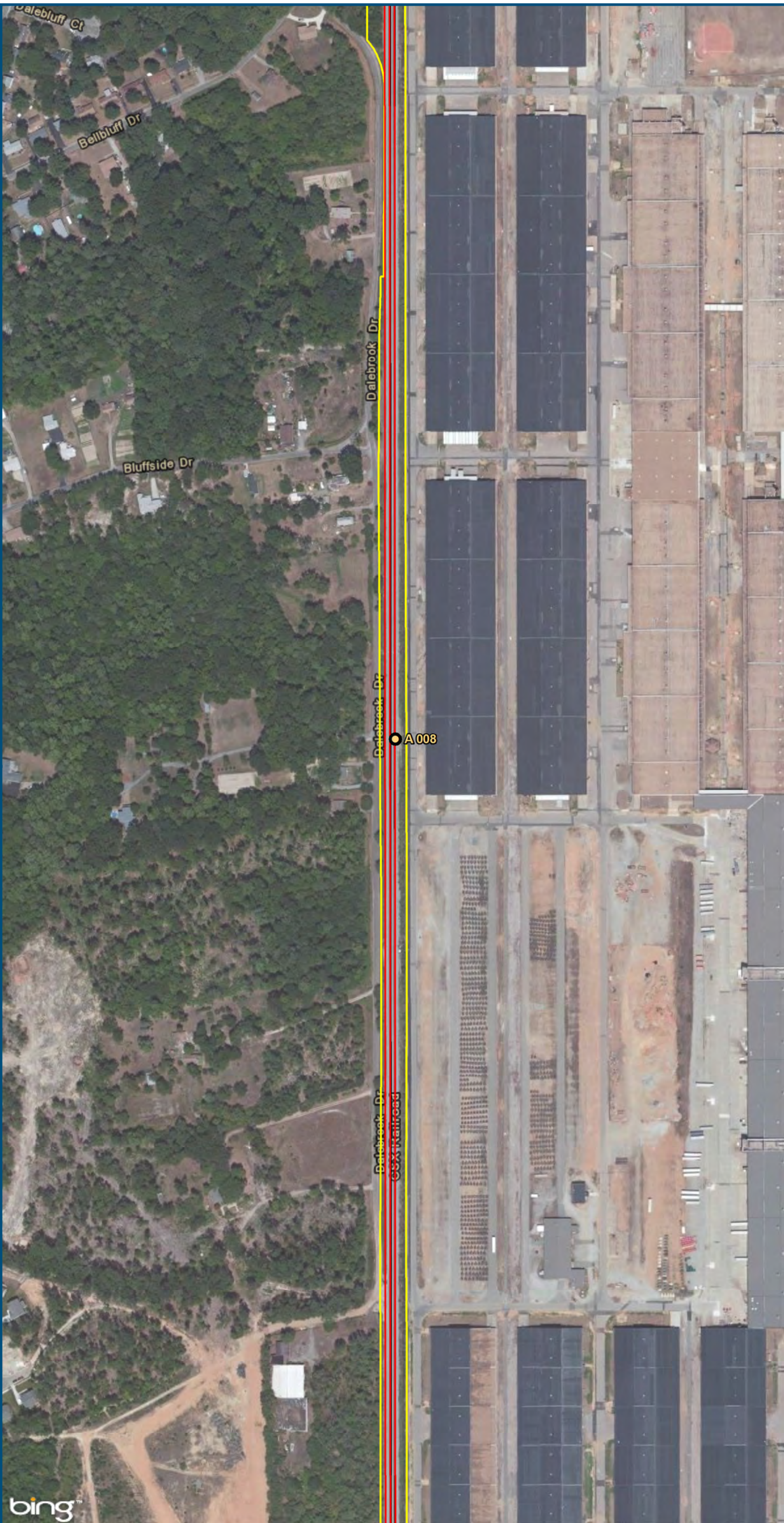


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-38
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotRailPublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_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 Z-39
Richmond Segment
Hold Bridges and
Tangents
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 Z-40
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4A\Dev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

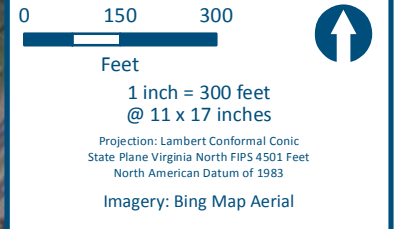
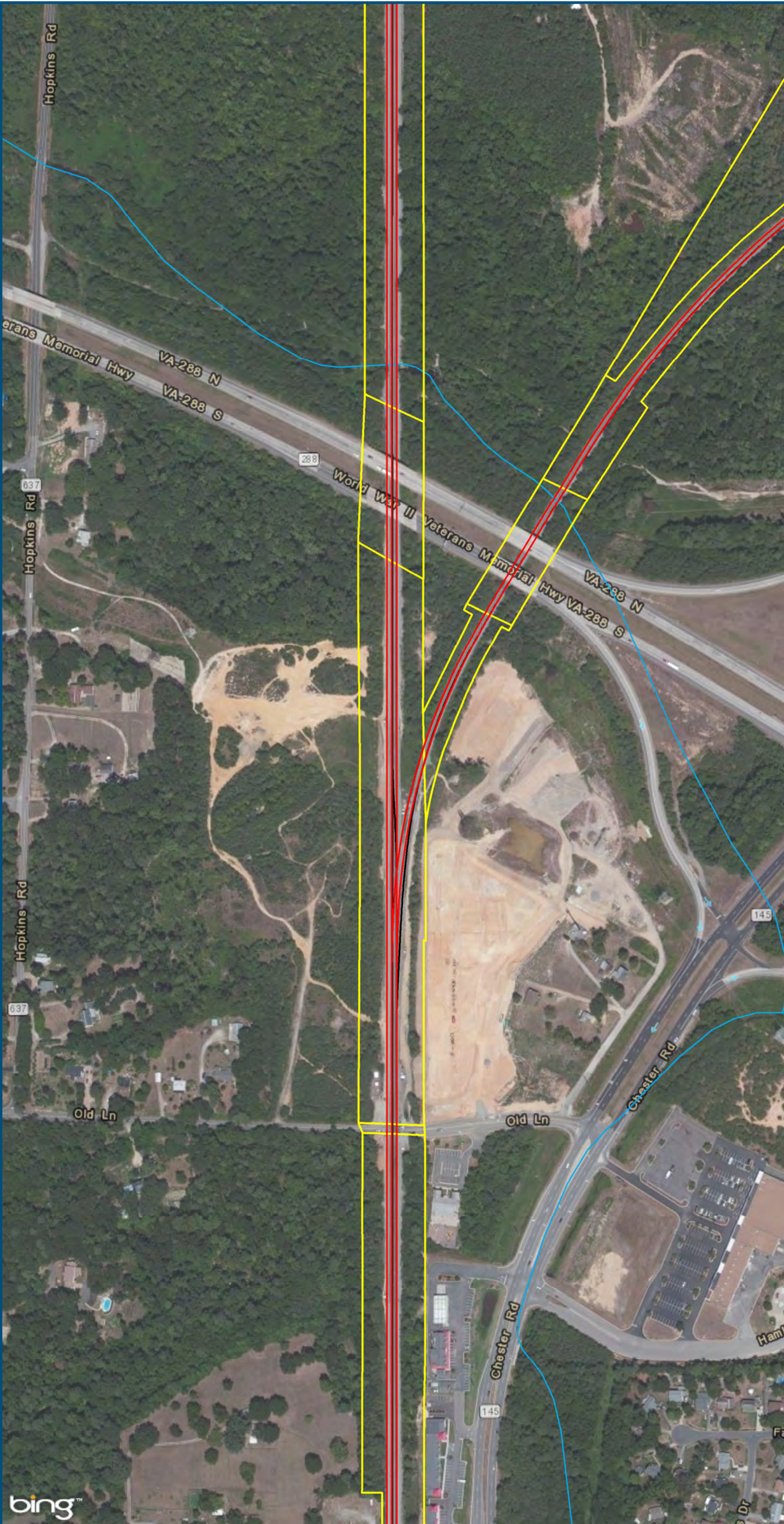


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-41
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

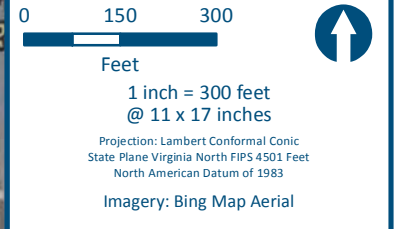
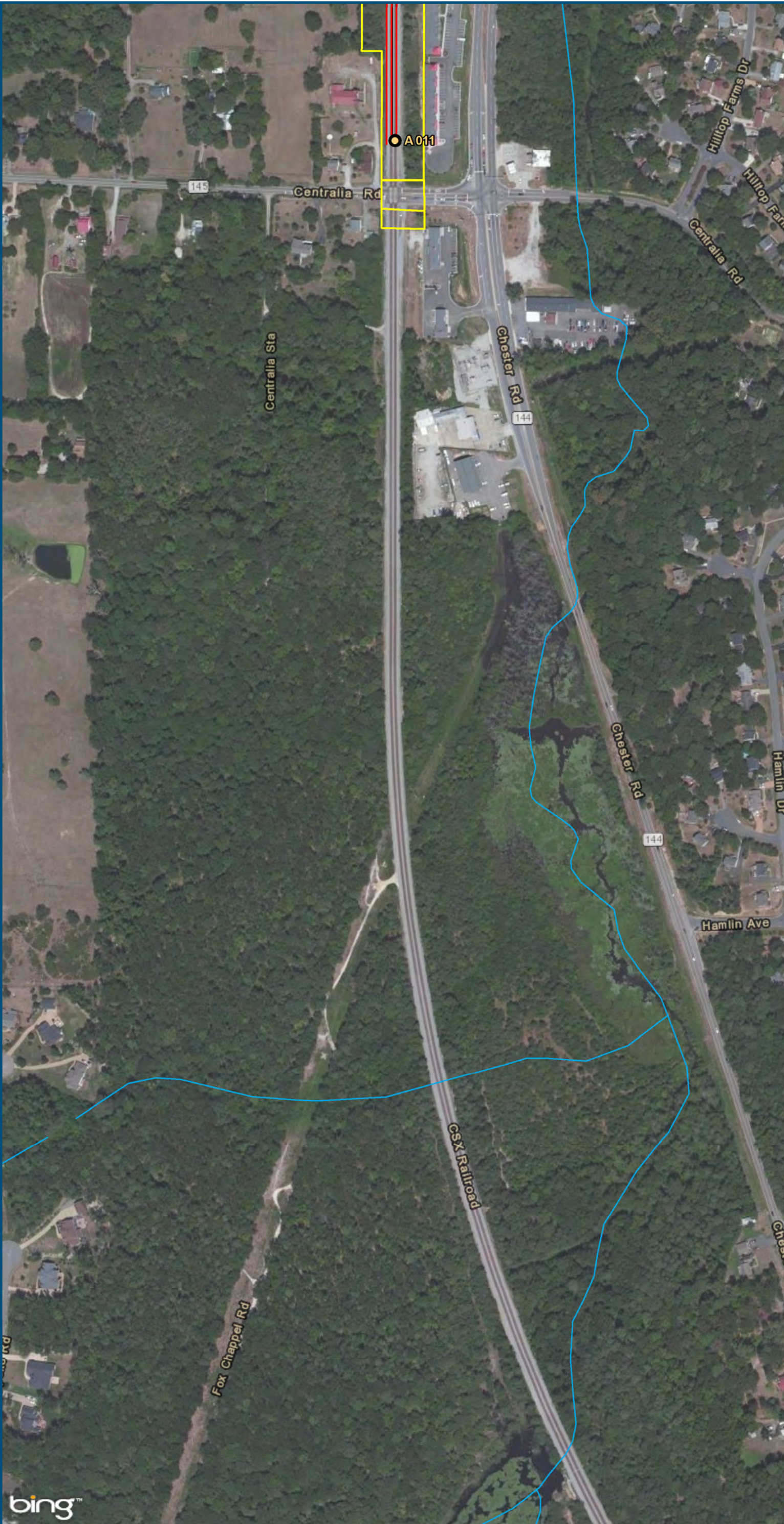
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-42
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015








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

Figure Z-43
Richmond Segment
Hold Bridges and
Tangents
Alignment Option



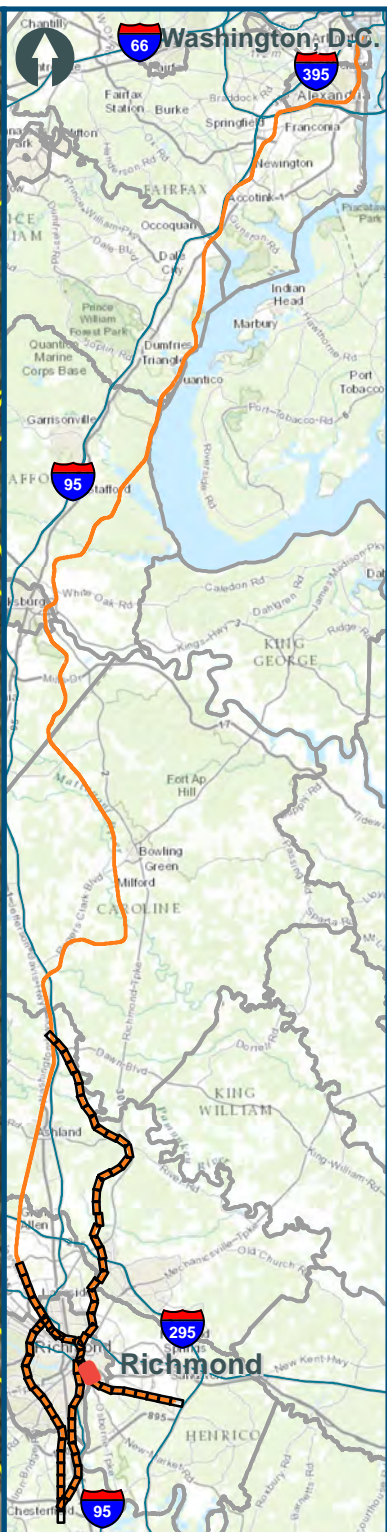
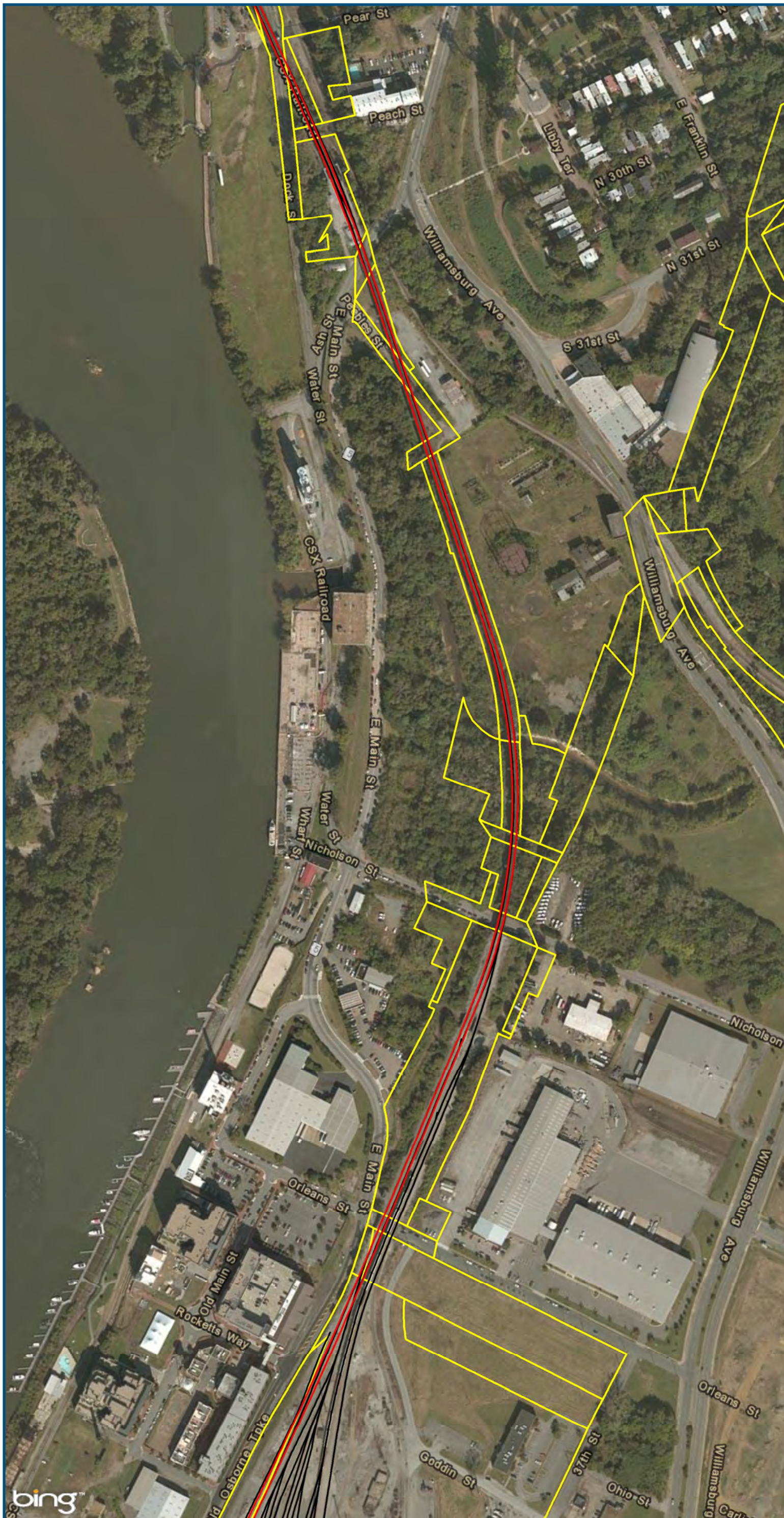
0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-44
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VA\Dev\Rail-PublicTransportation\0239056_RAPS-4\Dev-Concept\Eng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

\\cslmain\gis_data\GIS\Projects\011545_VADepotRailPublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

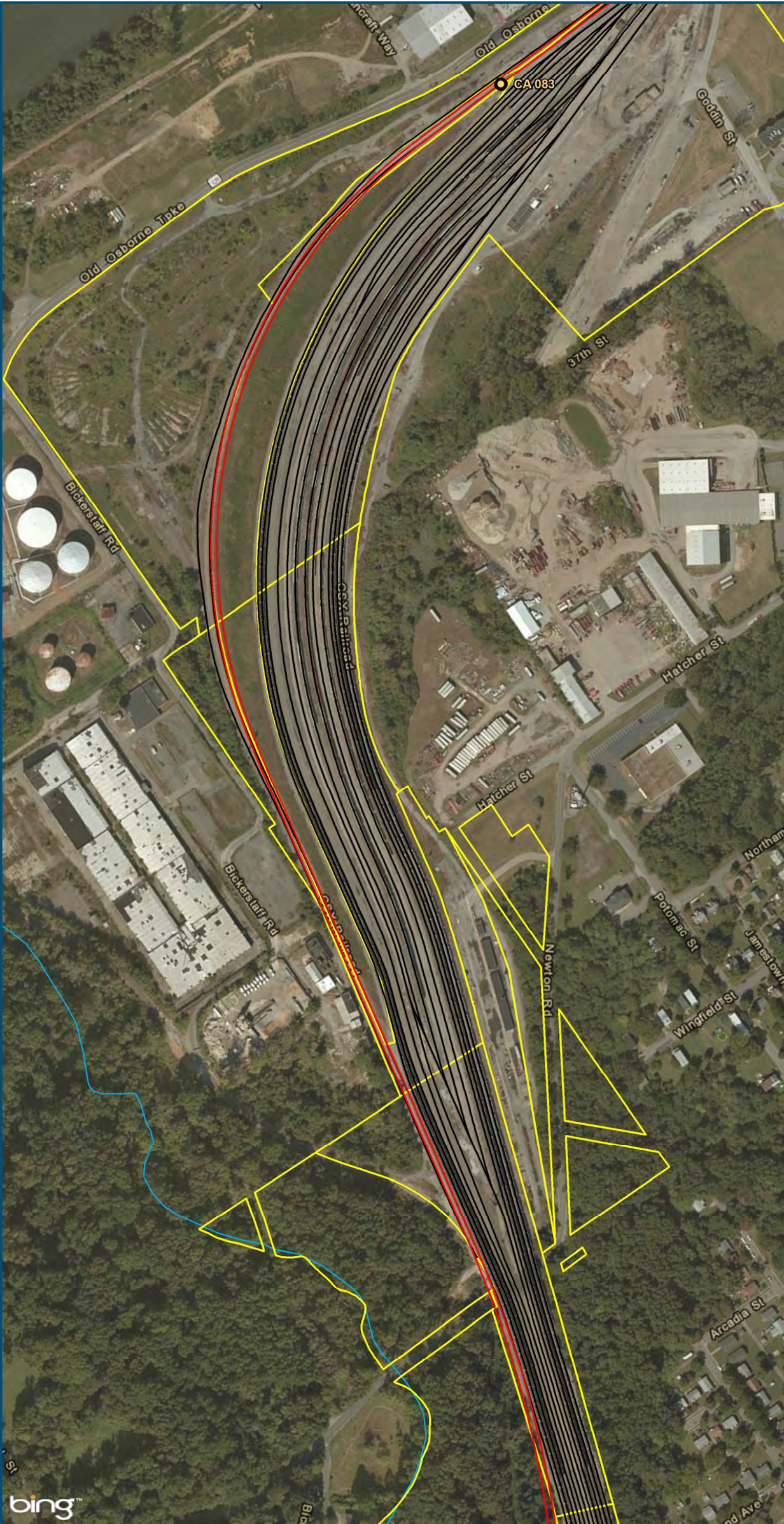


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-45
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4A\Dev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

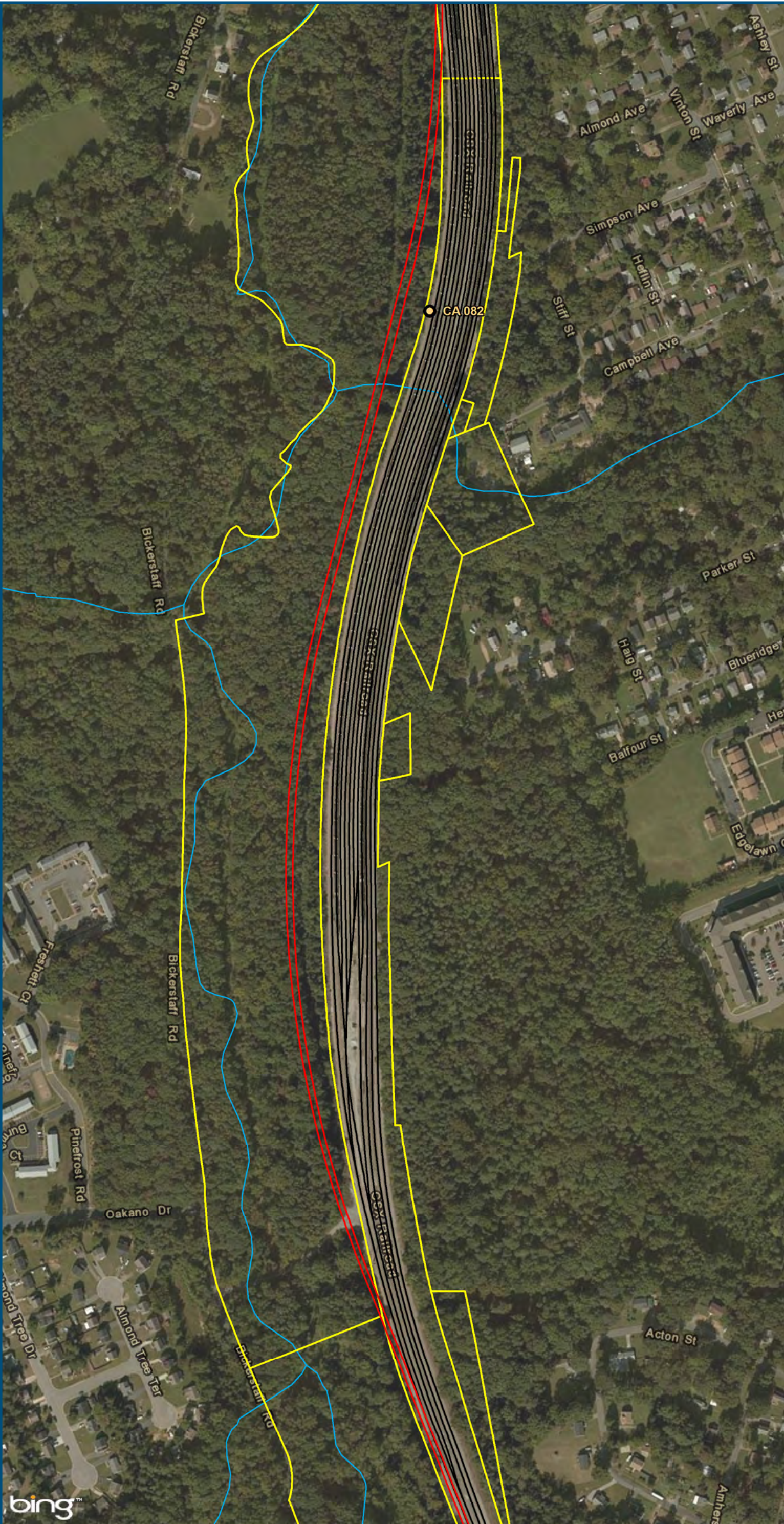


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-46
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotRailPublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

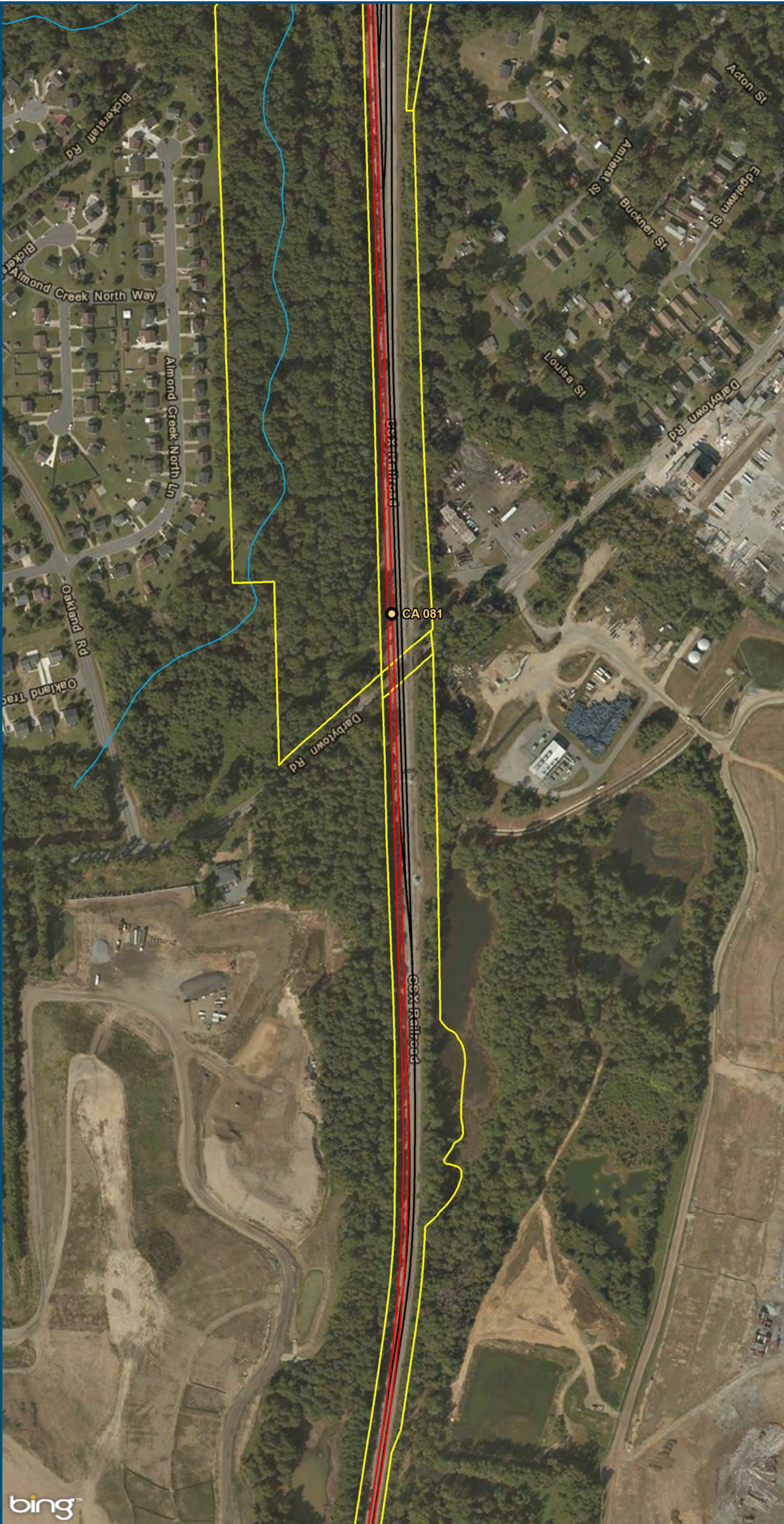


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-47
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4\Dev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

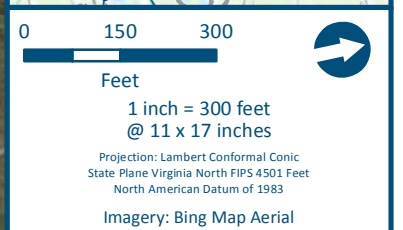
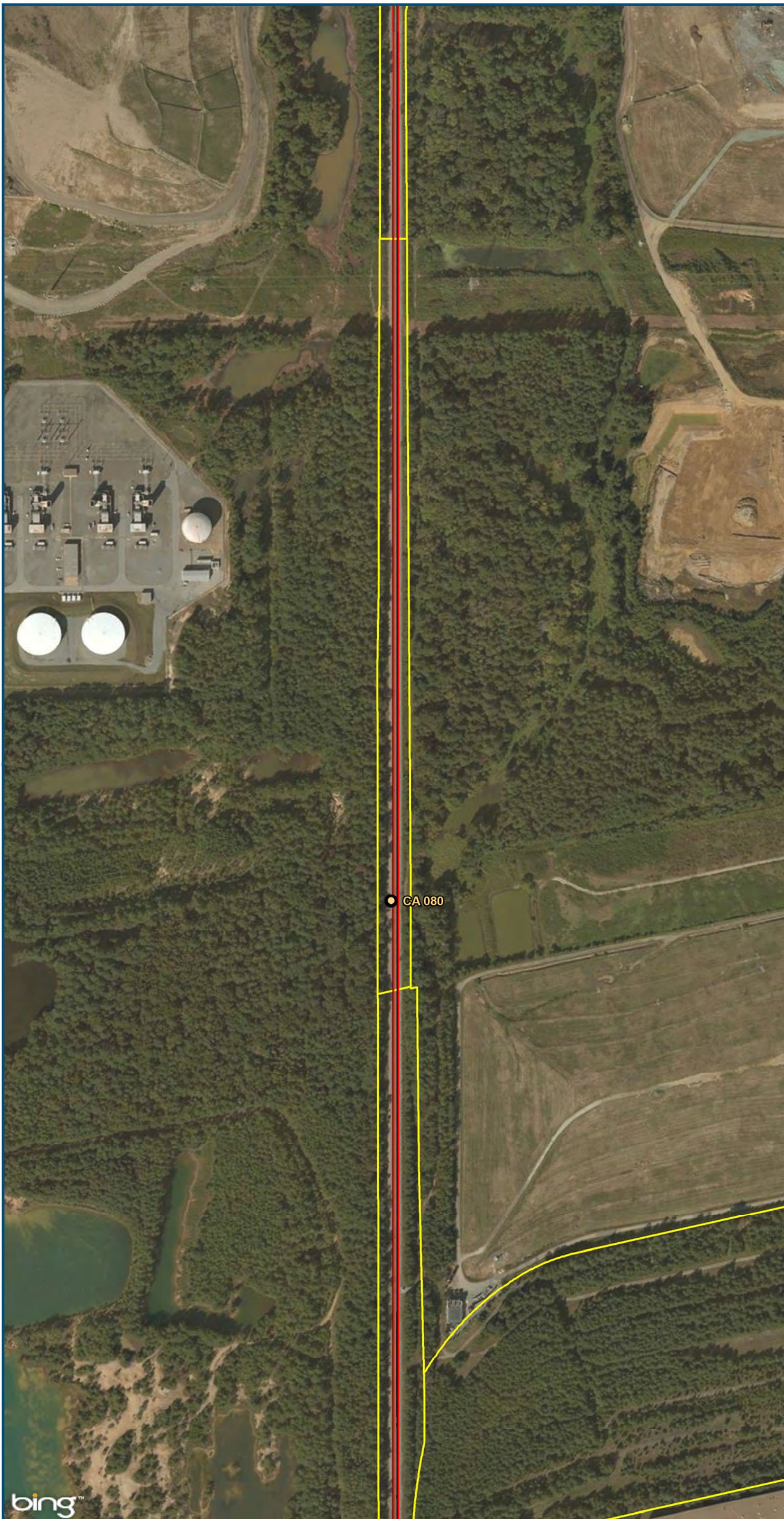


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-48
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015








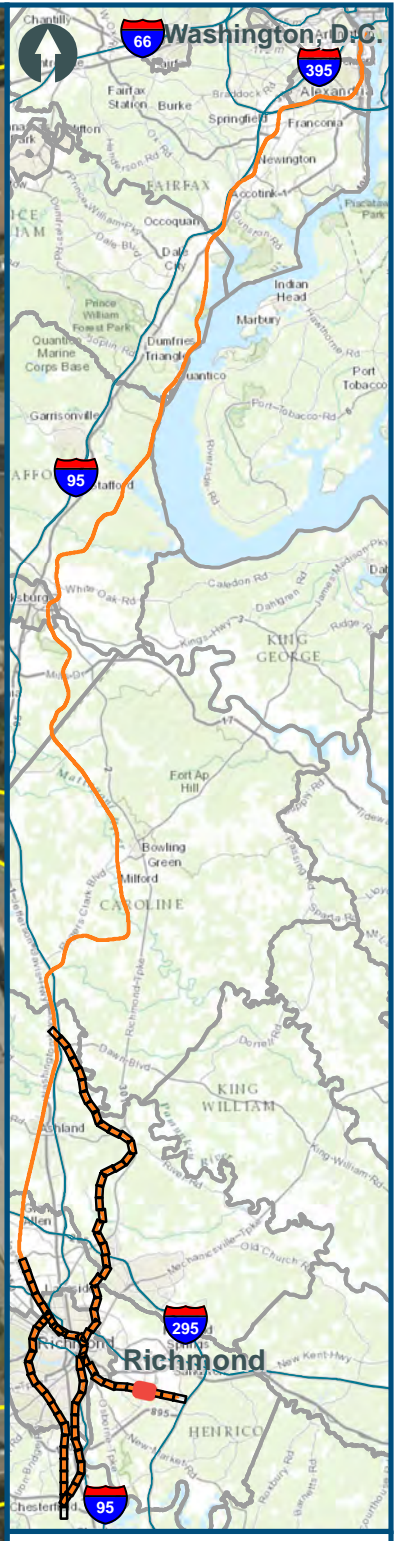
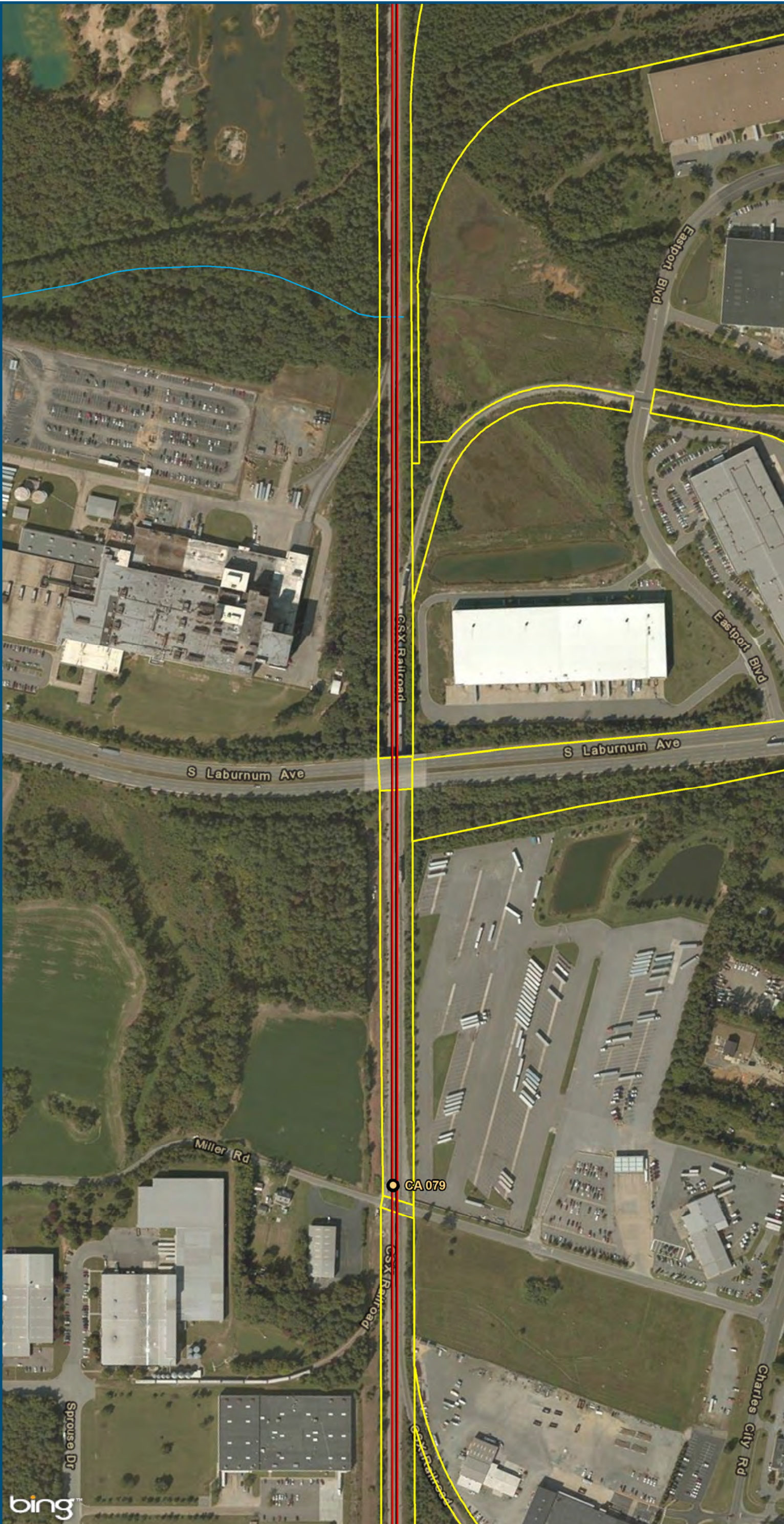
- Legend**
-  CSXT Mileposts
 -  New Track
 -  Existing Track
 -  CSXT Right-of-Way
 -  Streams

Figure Z-49
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

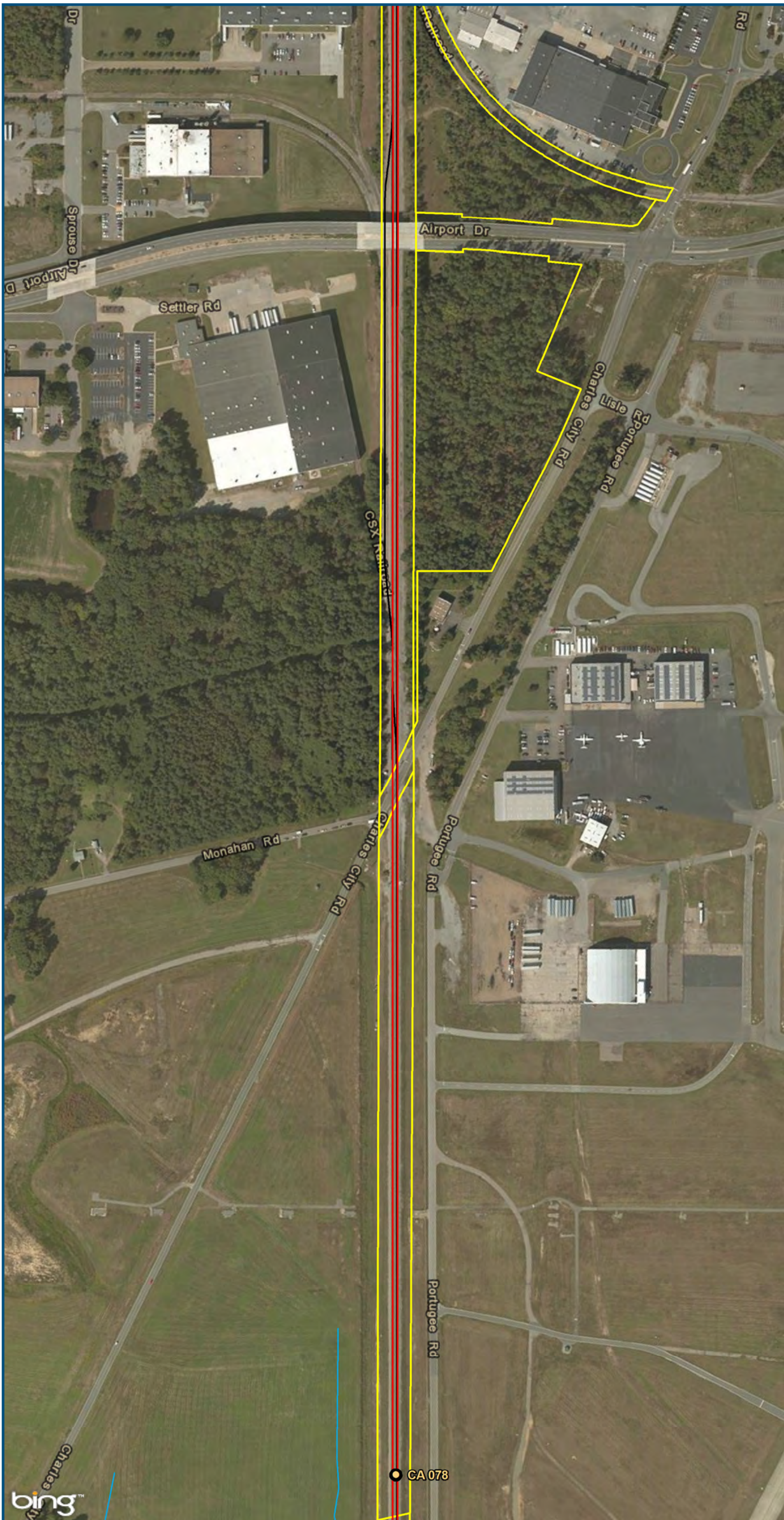


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-50
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

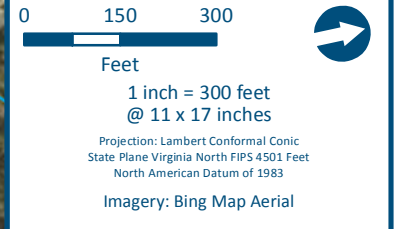
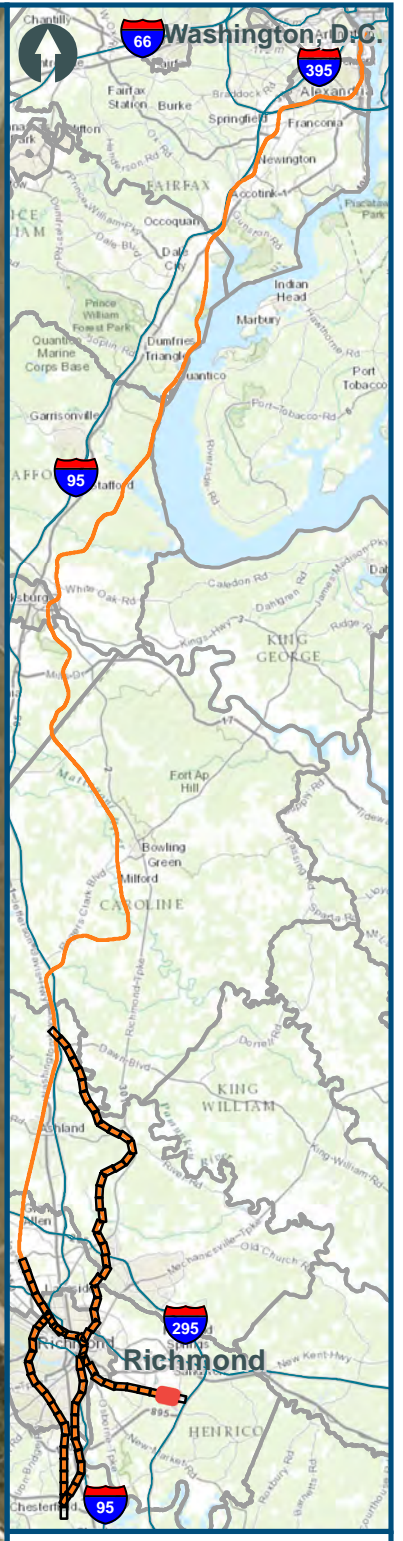
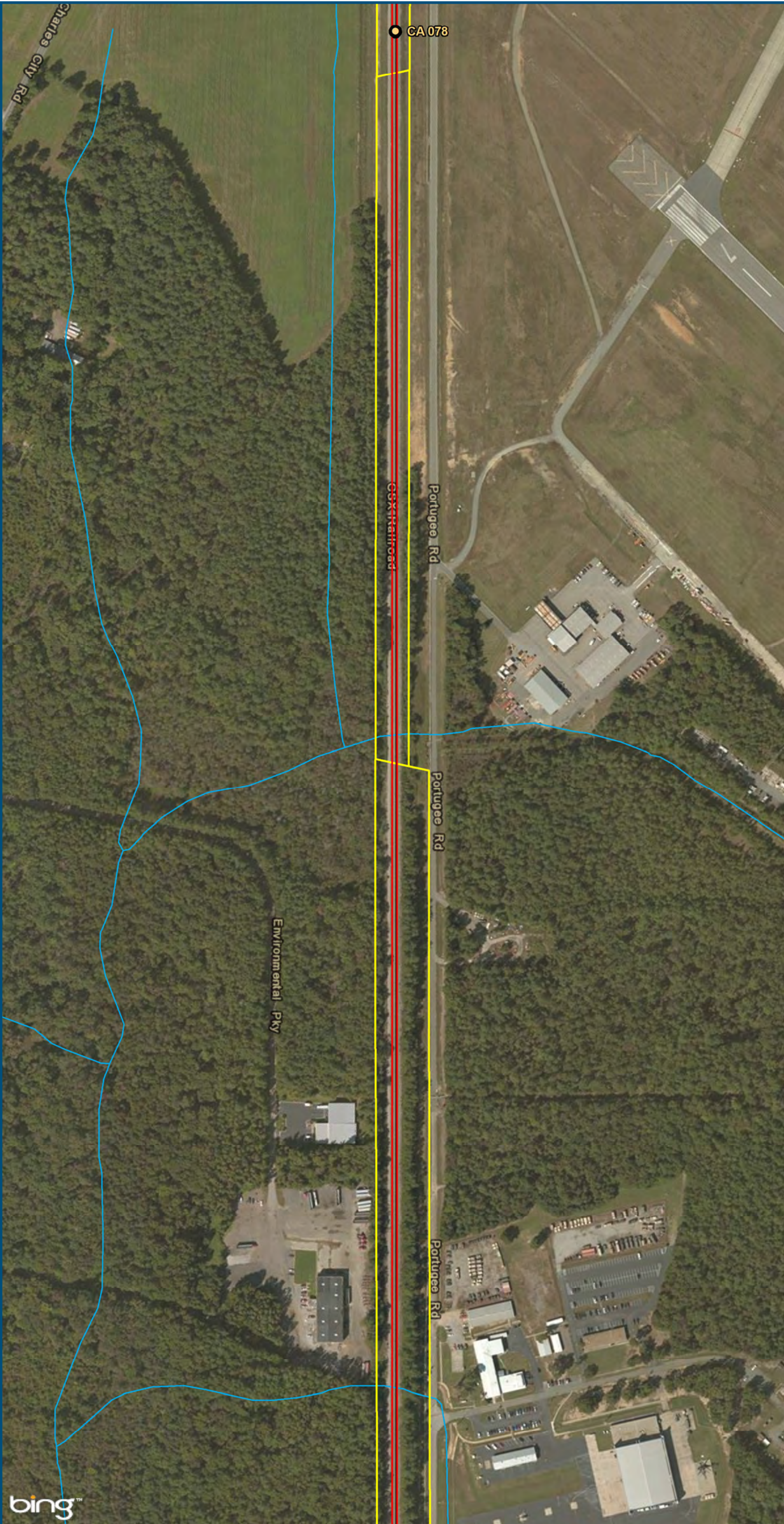


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-51
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

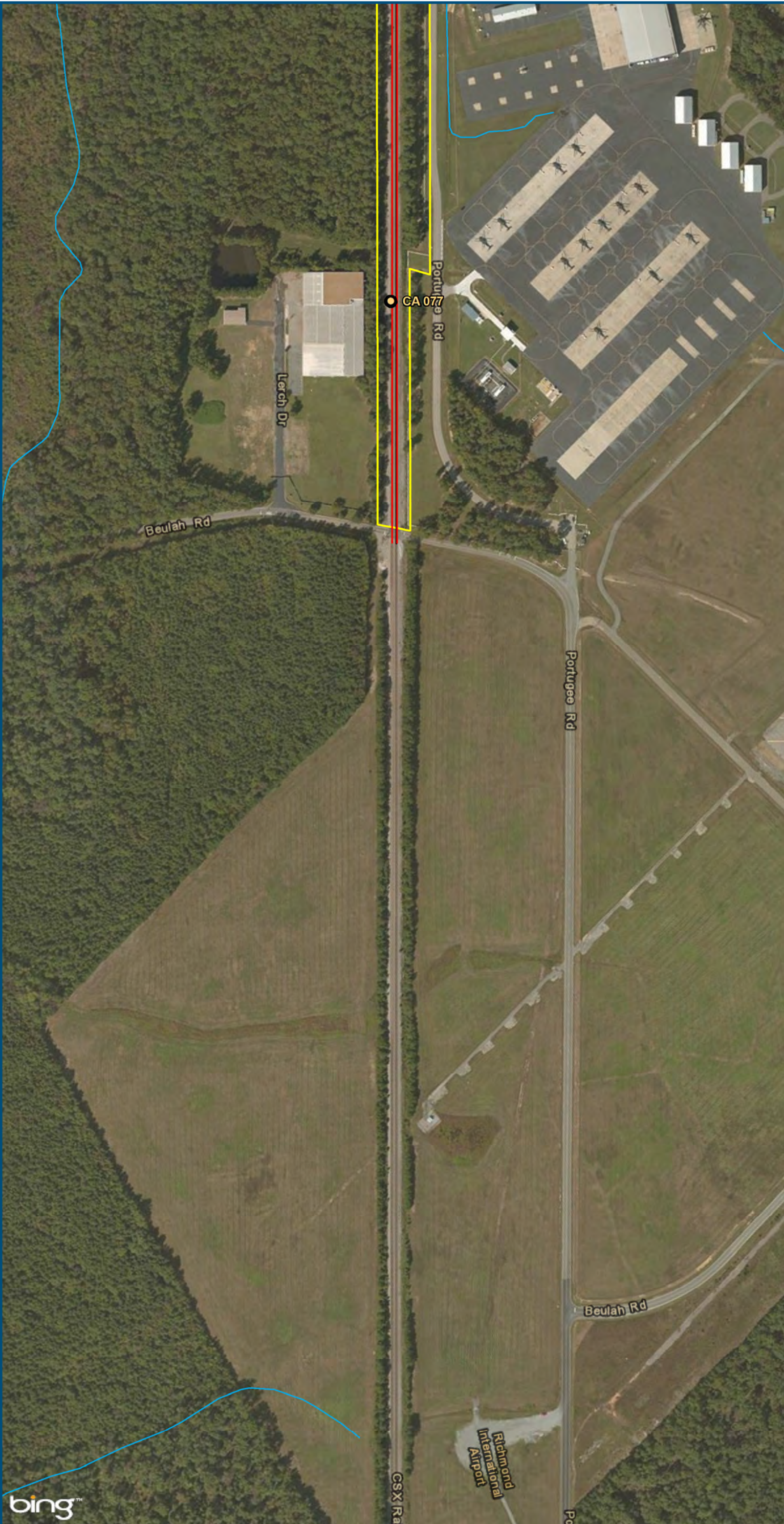
\\cslsmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-52
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

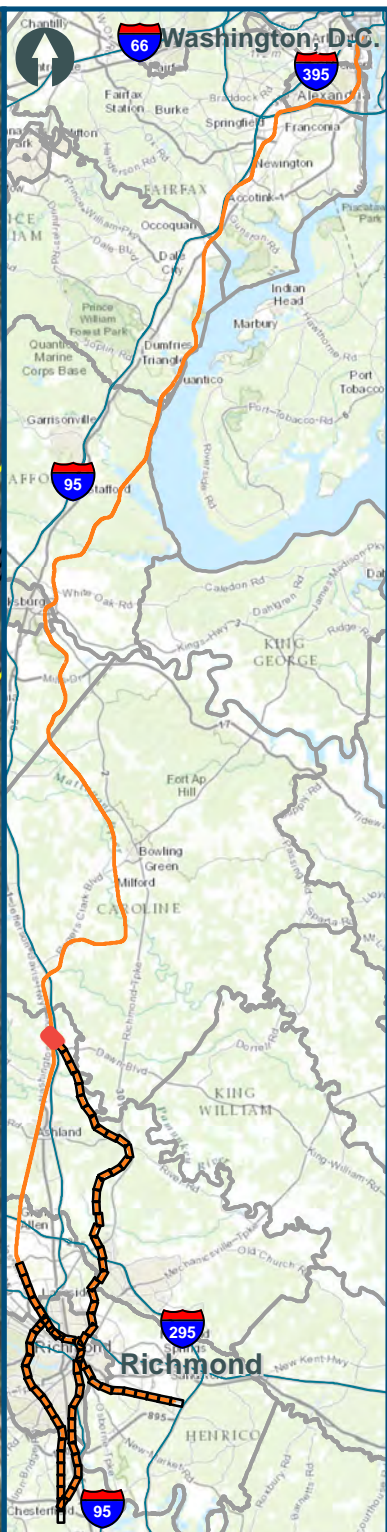
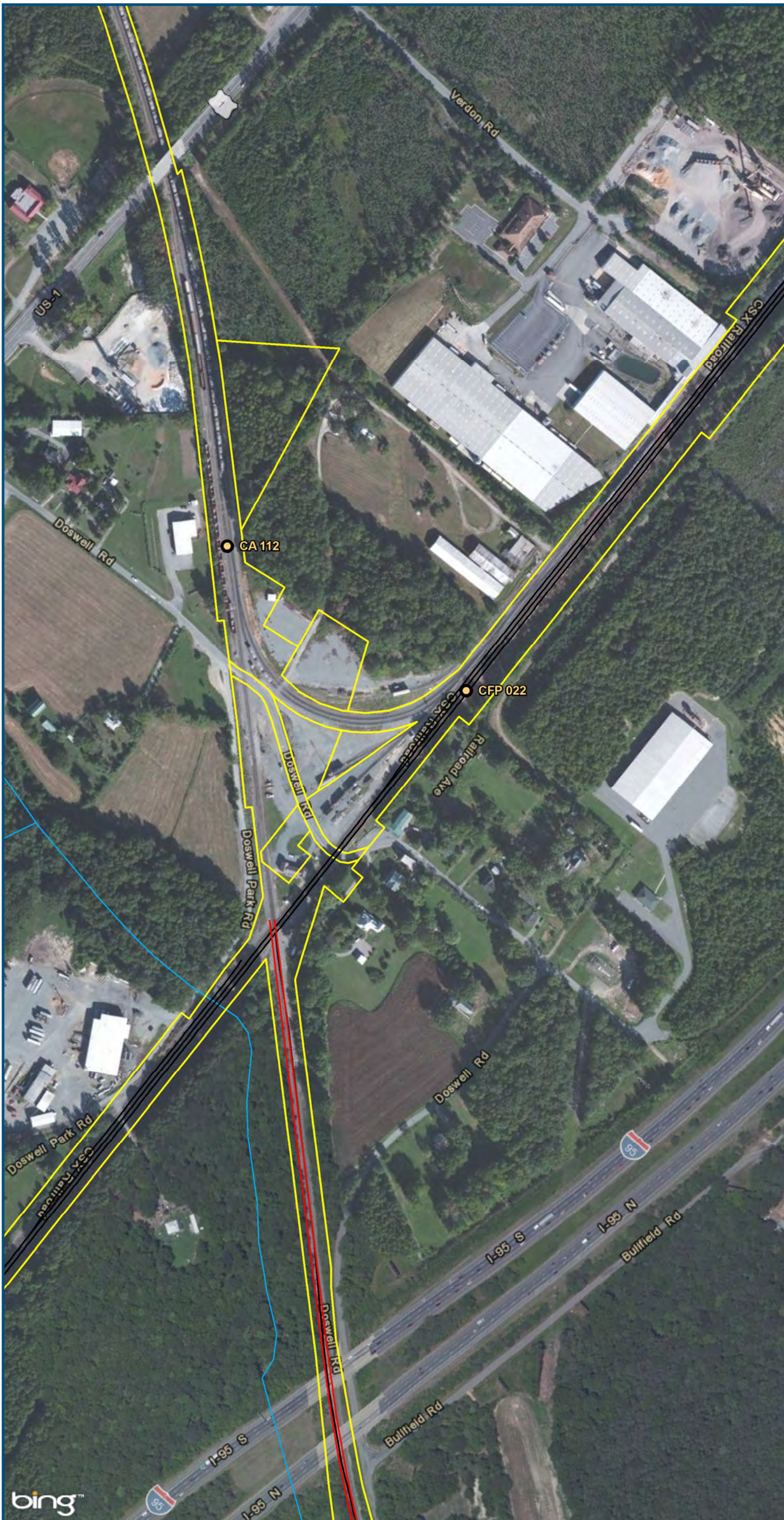
\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AIDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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 Z-53
Richmond Segment
Hold Bridges and
Tangents
Alignment Option



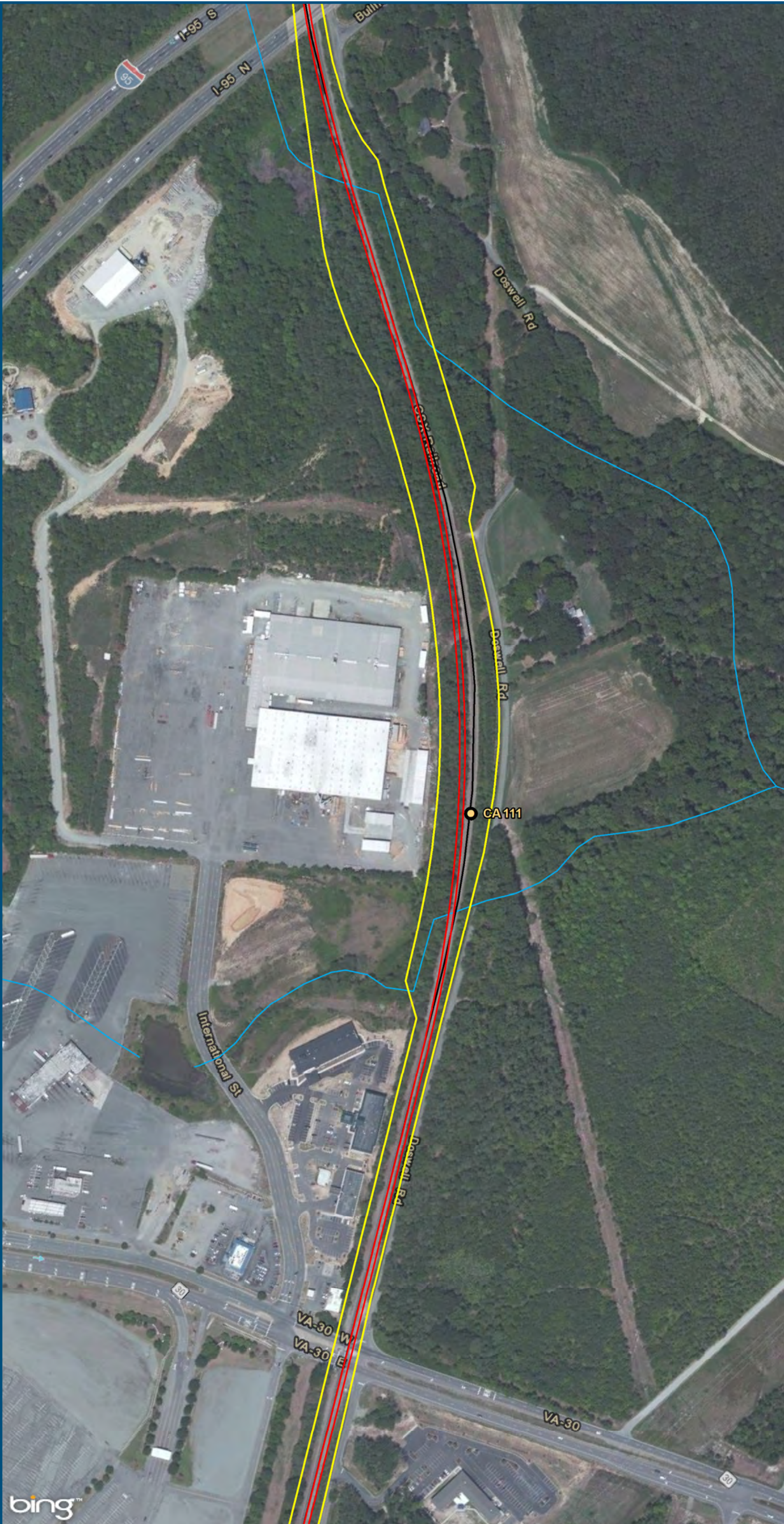
0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-54
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

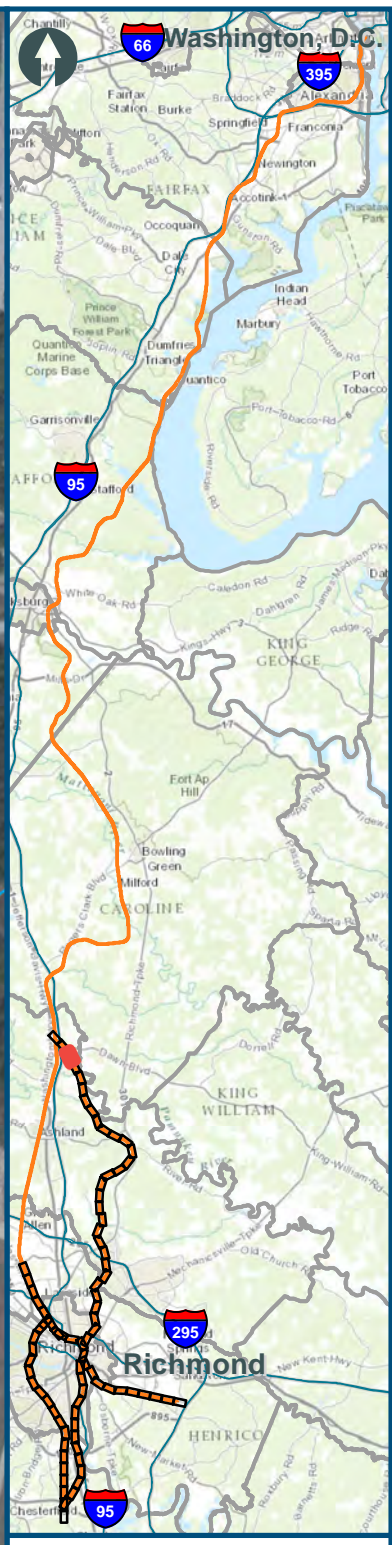
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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 Z-55
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

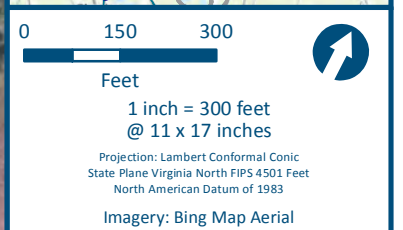
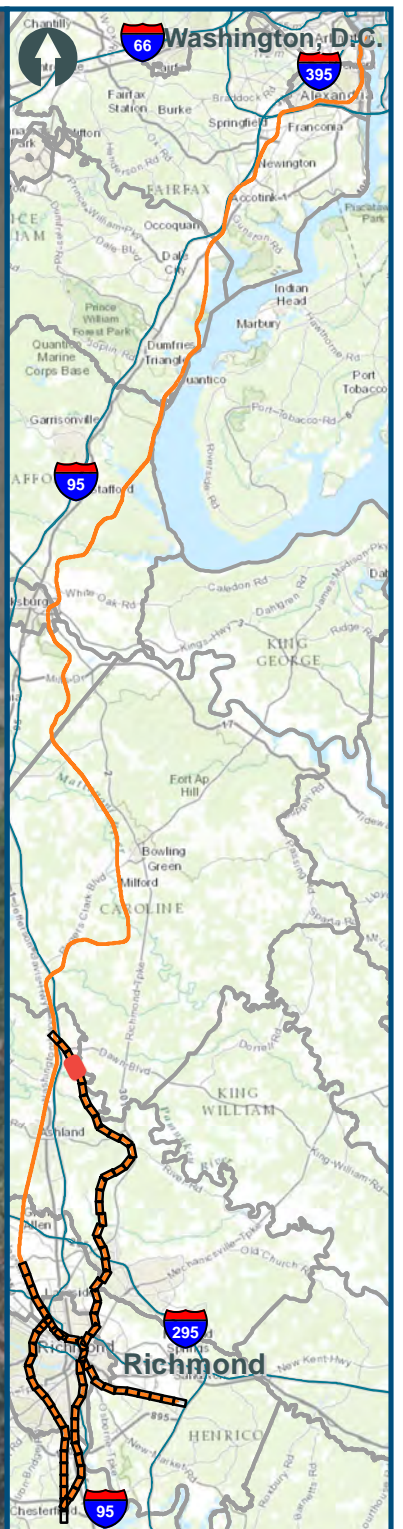


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-56
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

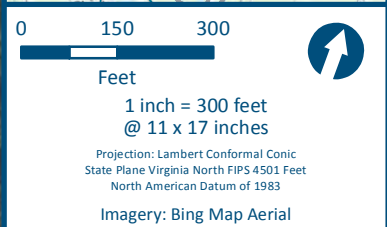
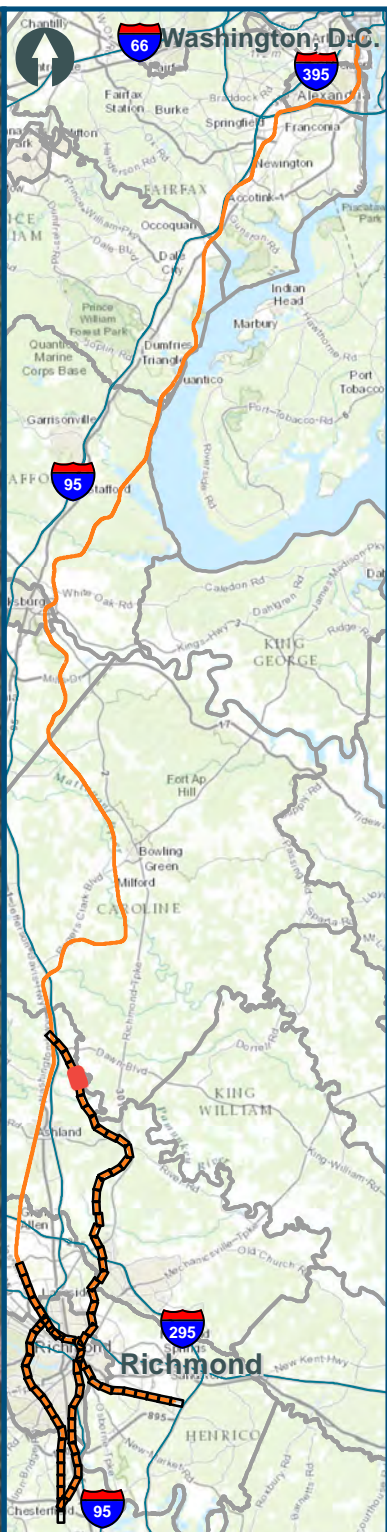
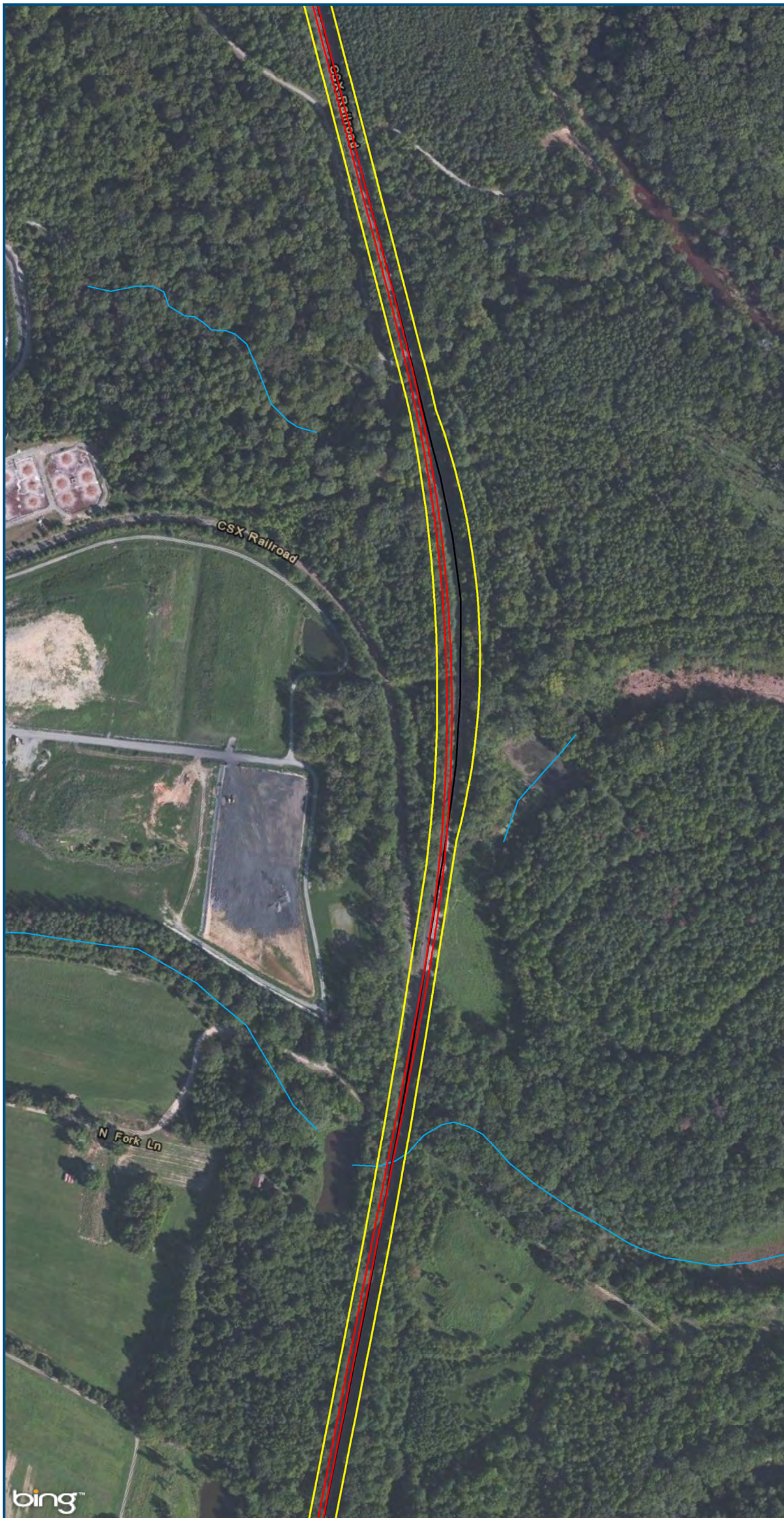
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-57
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015








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

Figure Z-58
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4\Dev-Concept\Eng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

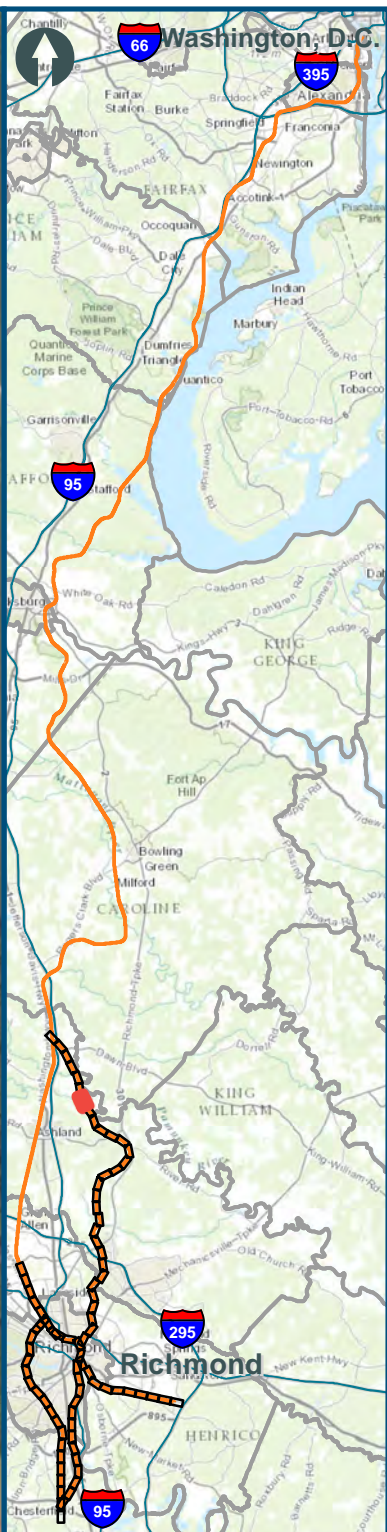


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-59
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

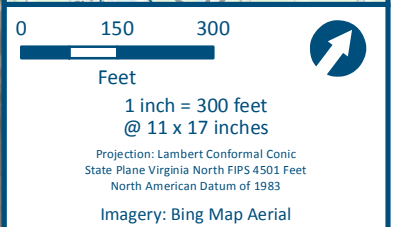
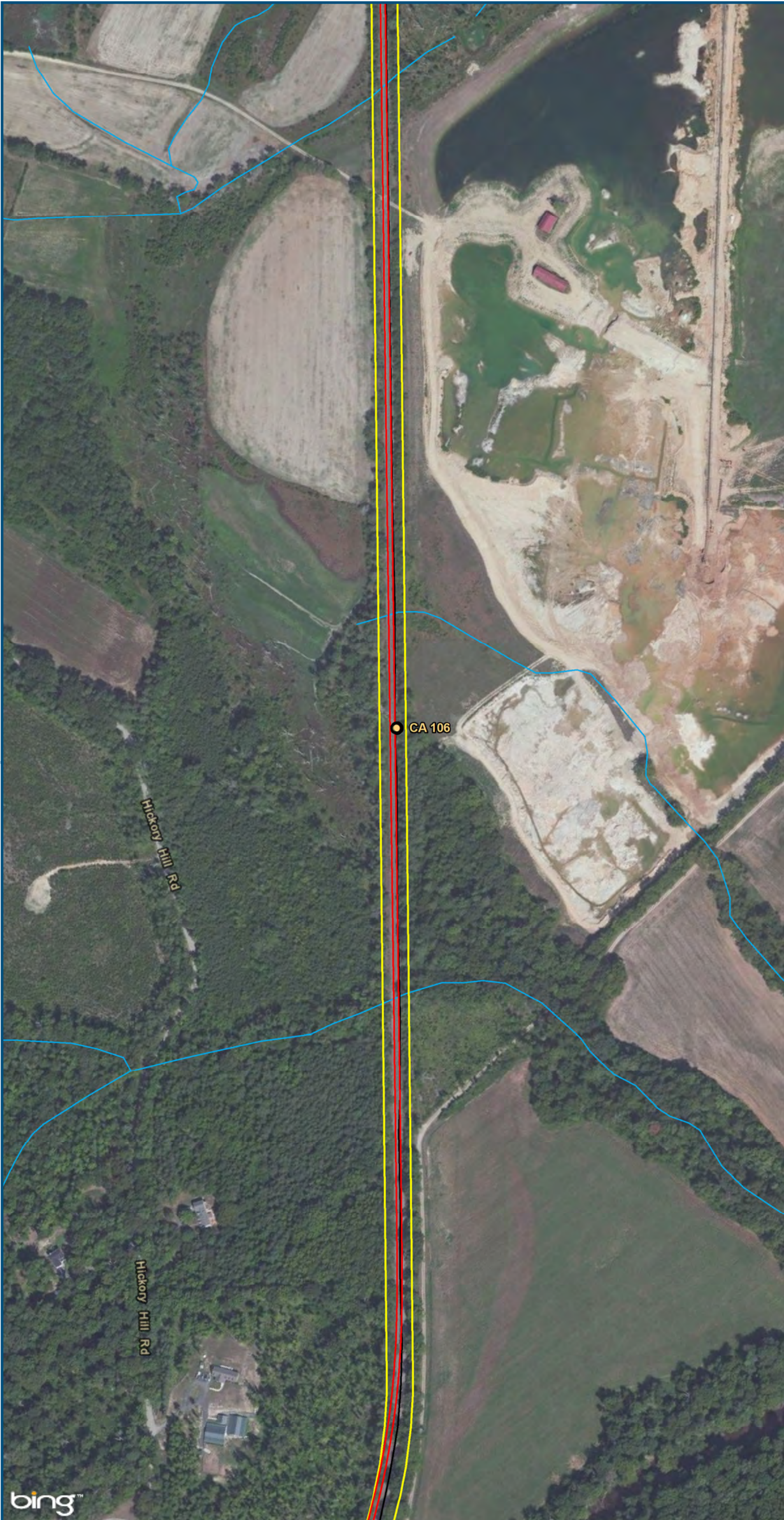


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-60
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

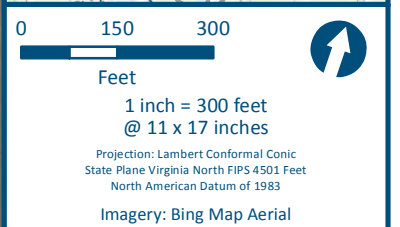
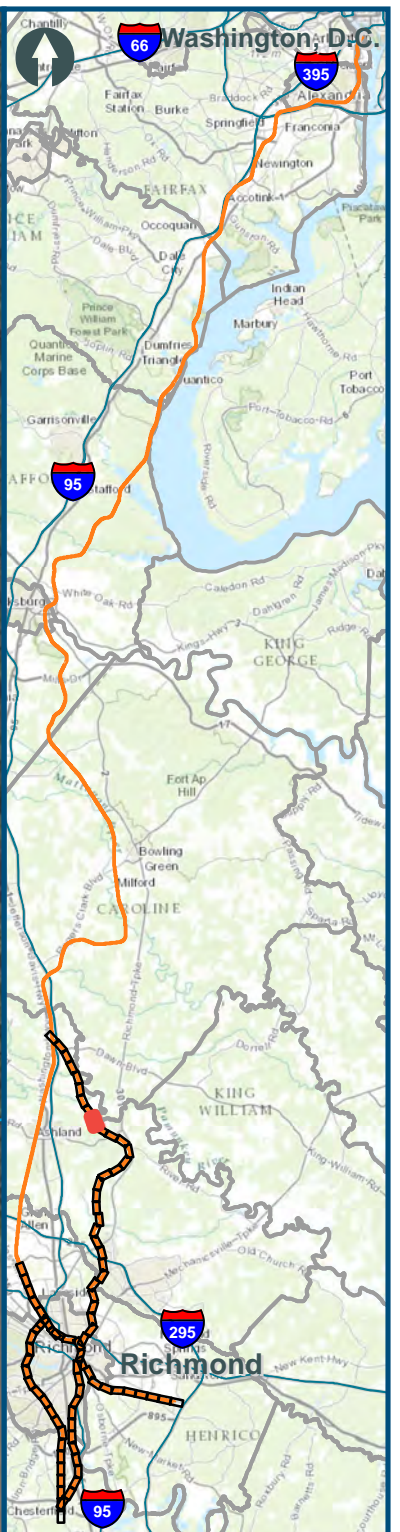
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-61
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

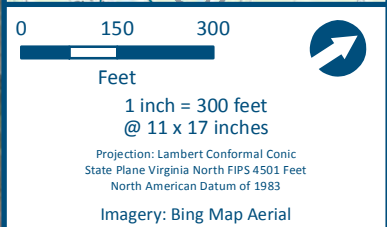
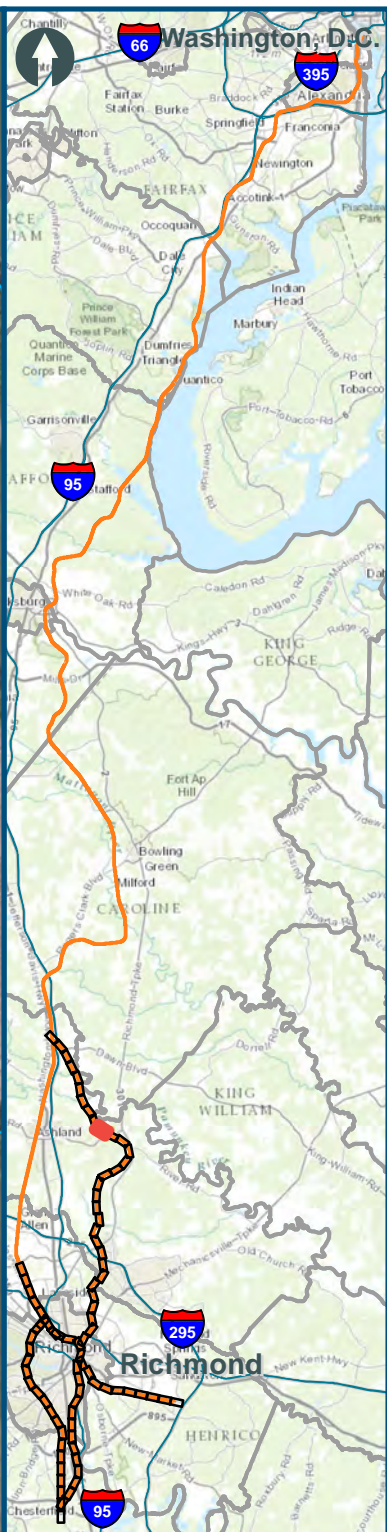
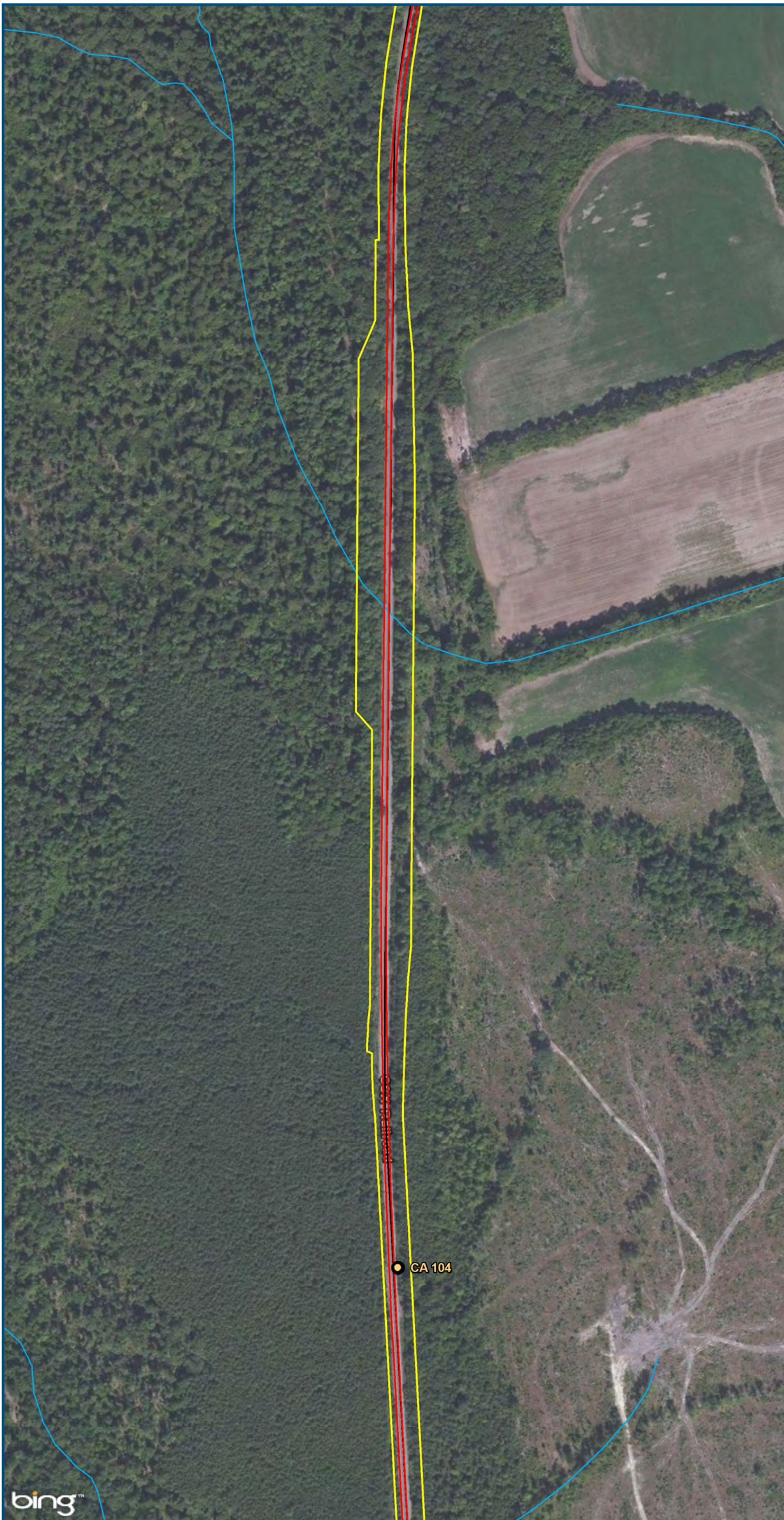
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-62
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

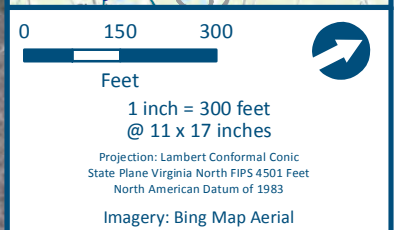
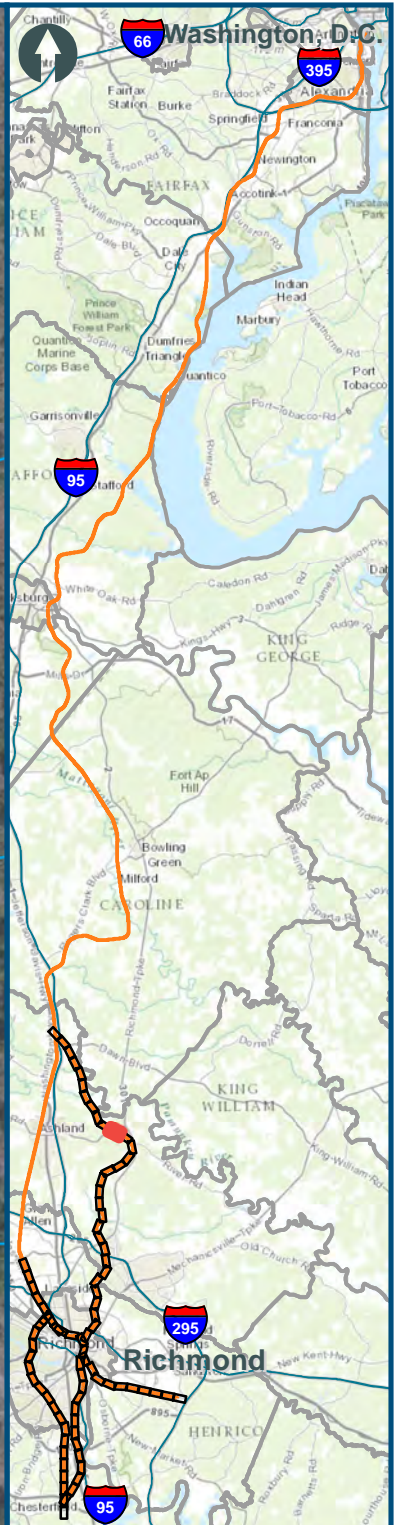
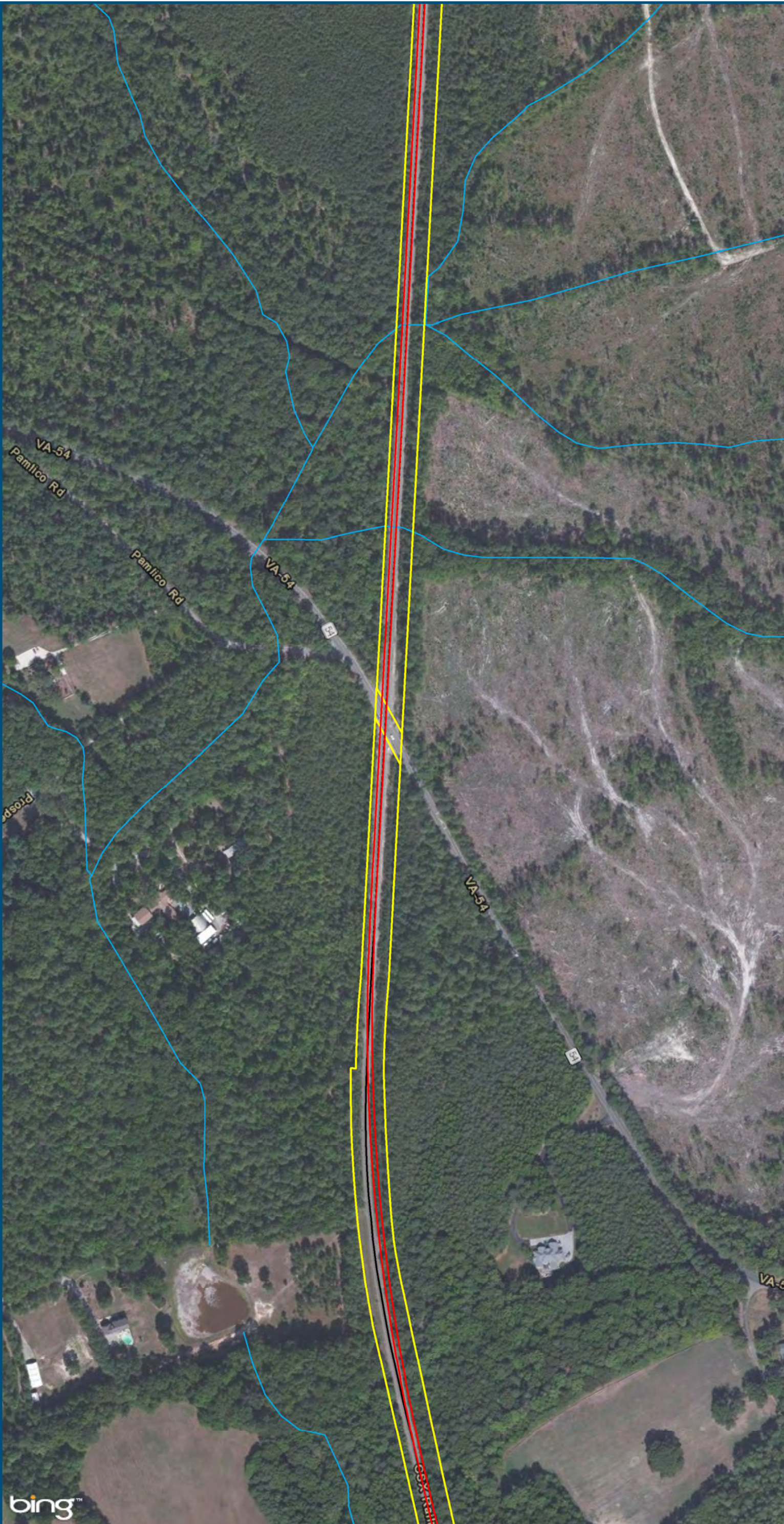
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-63
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

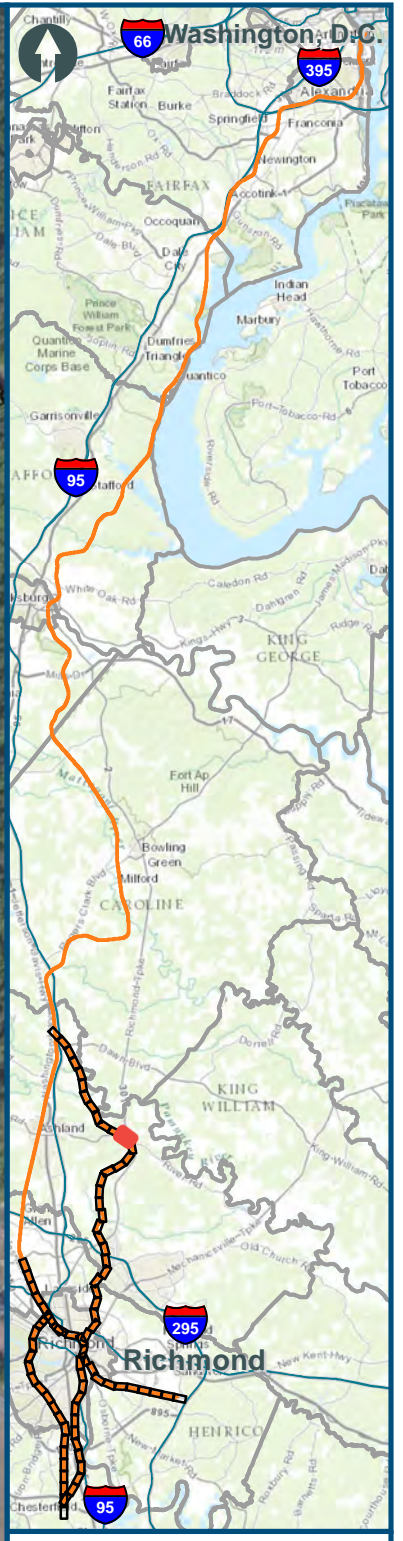
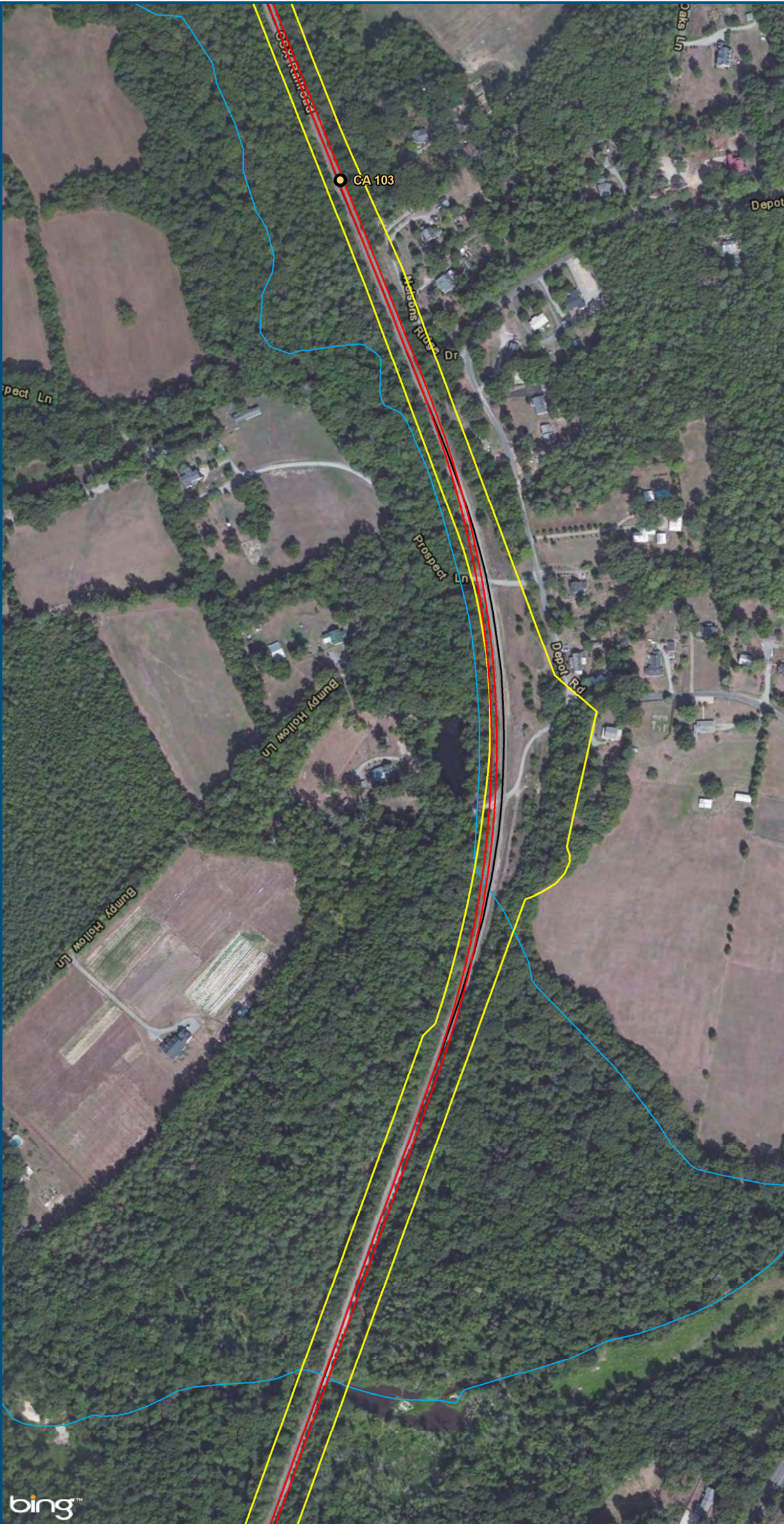
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-64
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

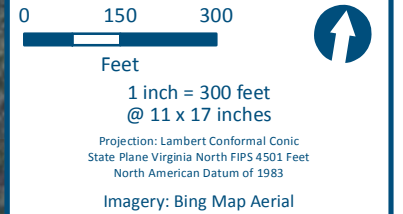
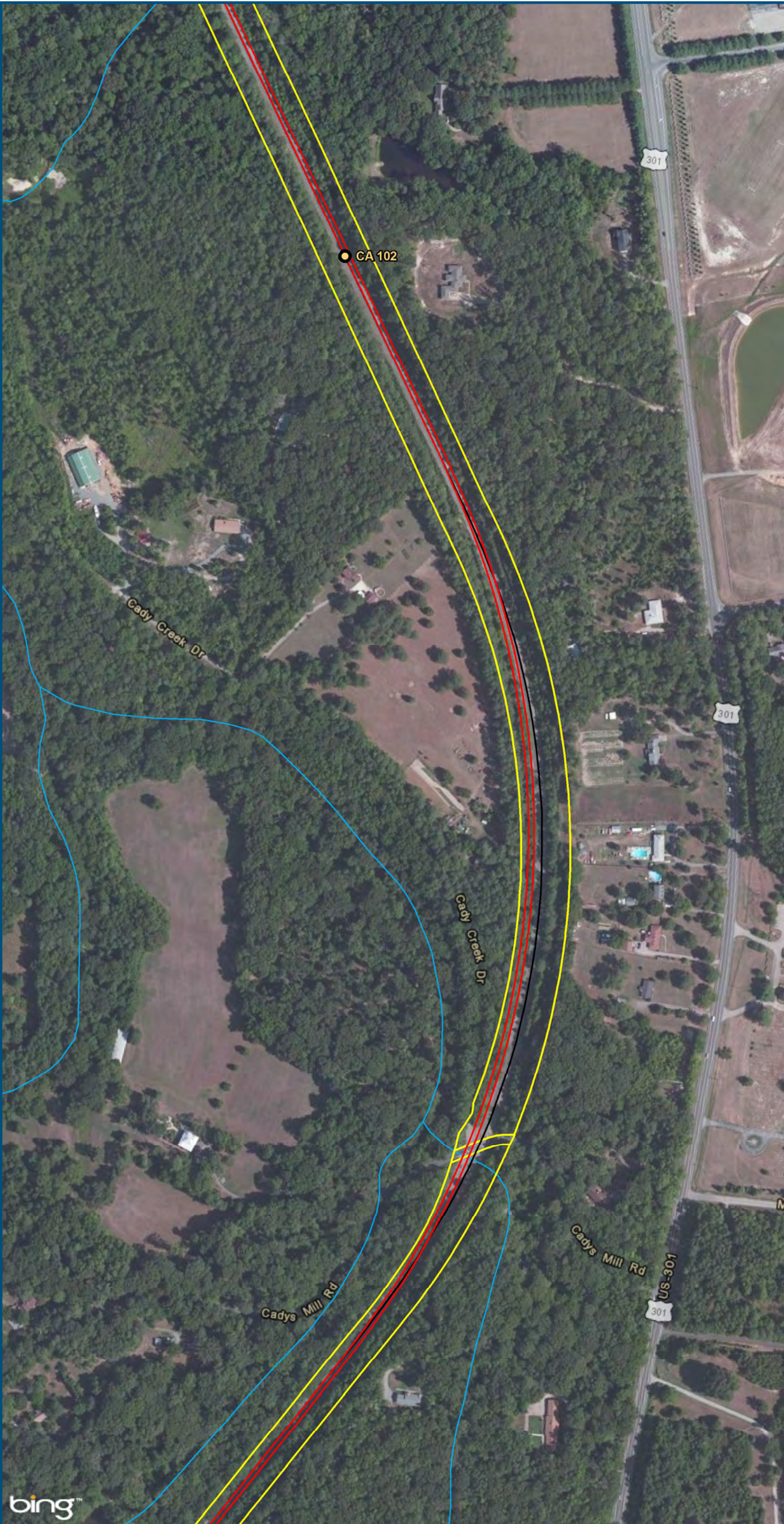


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-65
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-66
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4\Dev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

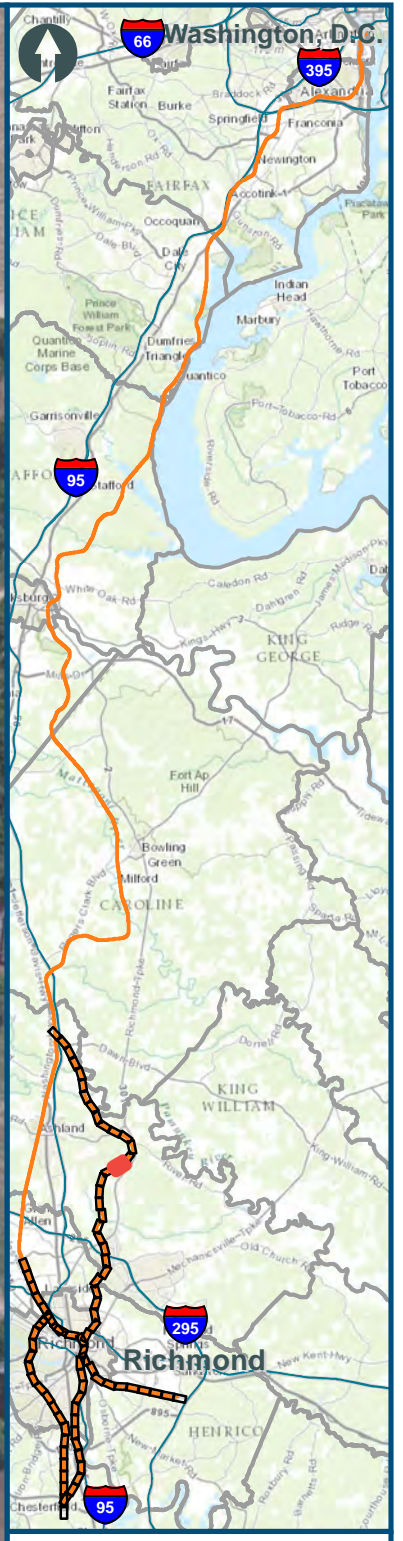
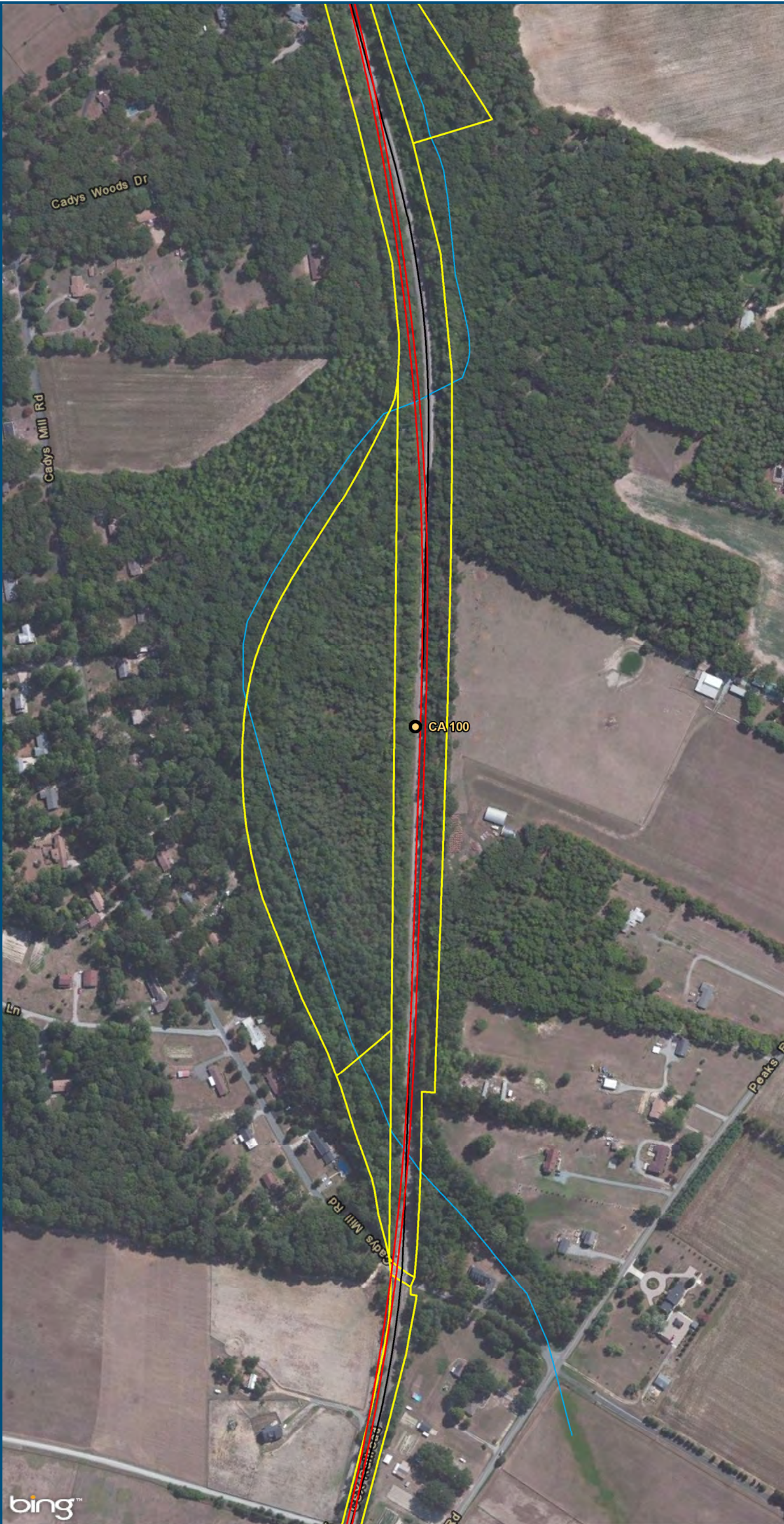


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-67
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

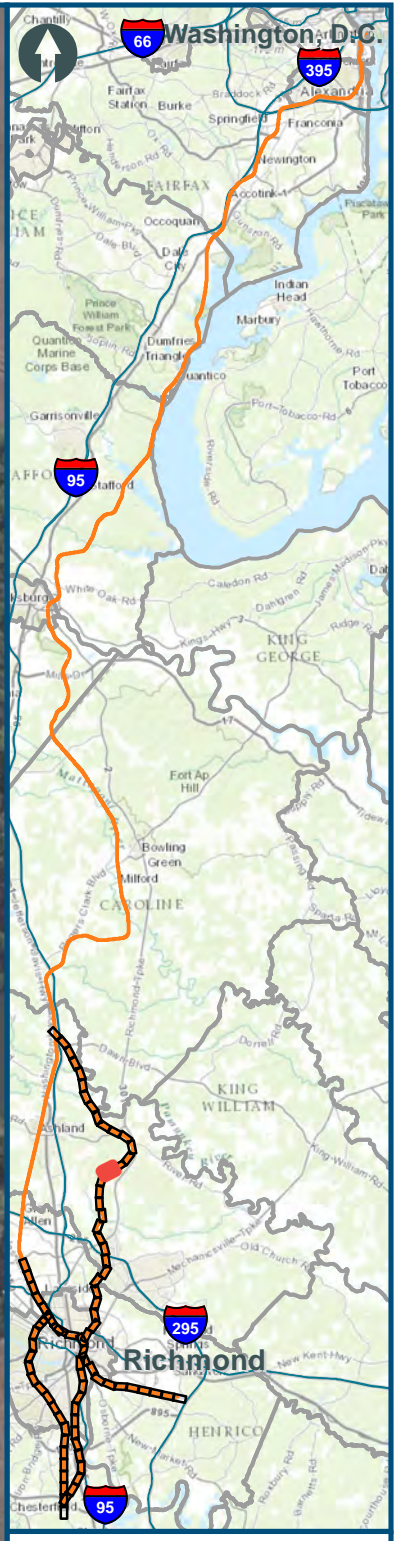


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-68
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

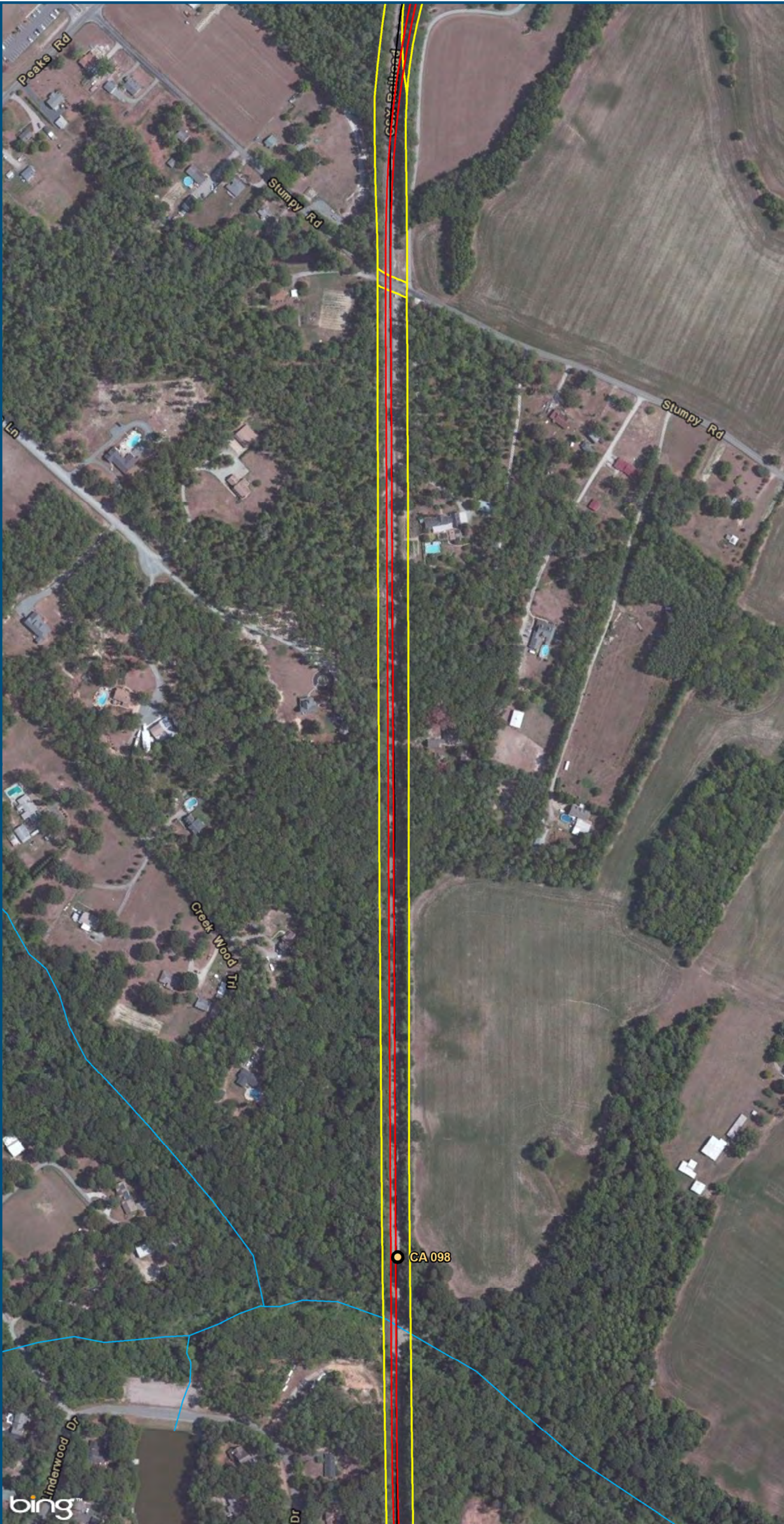


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-69
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

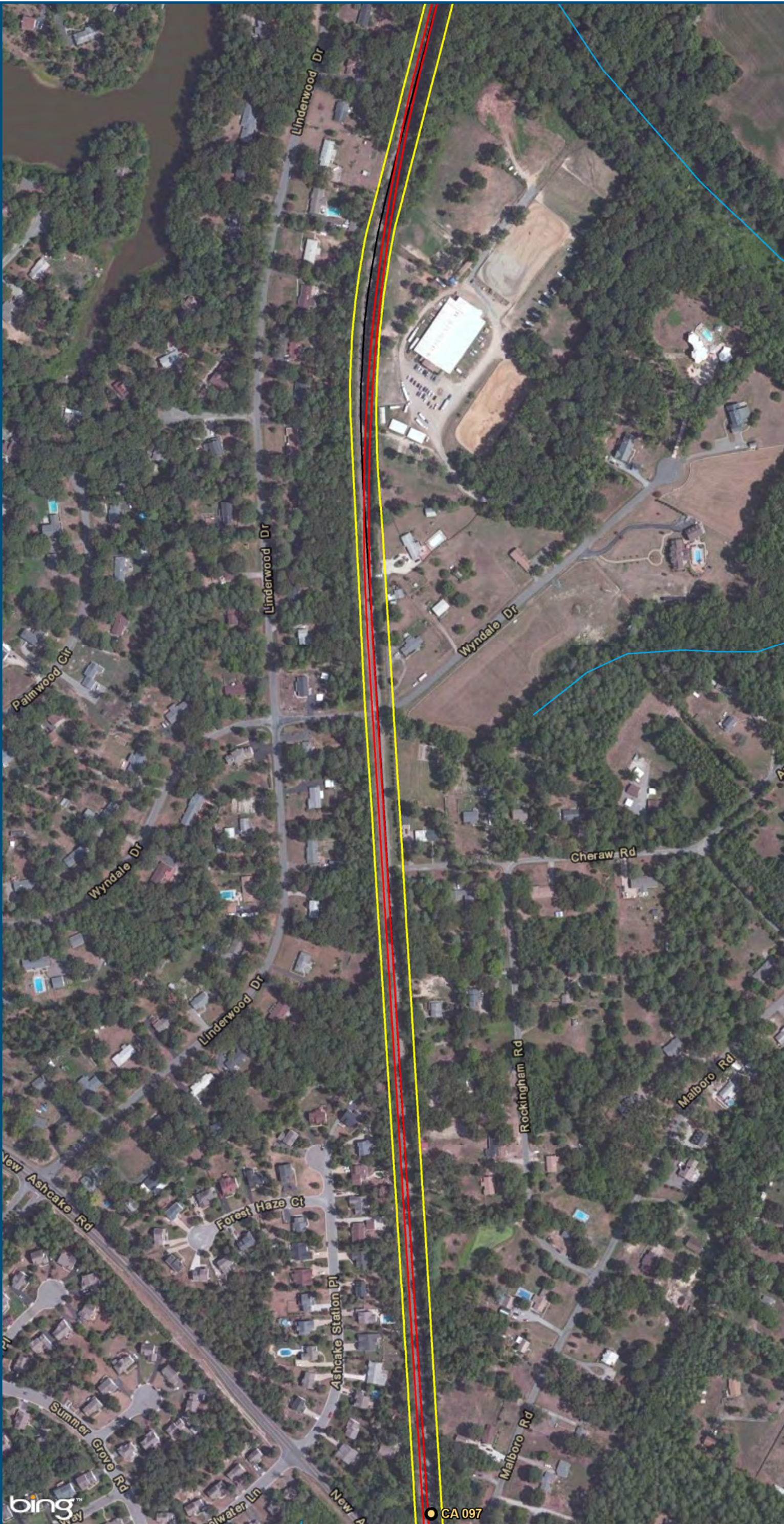


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure Z-70
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

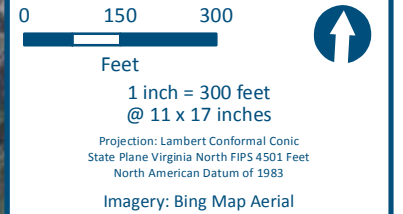
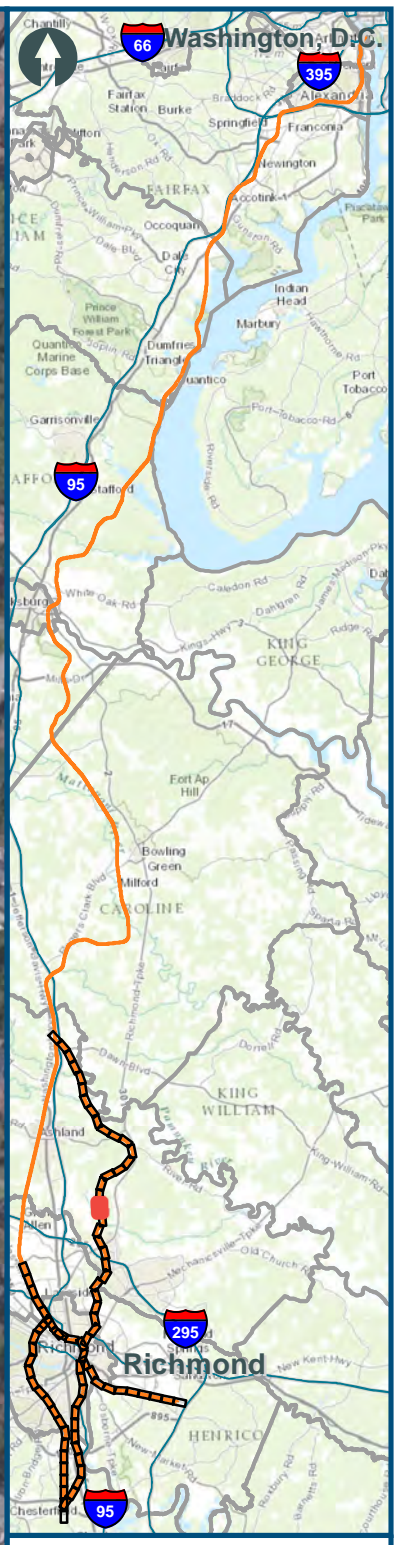
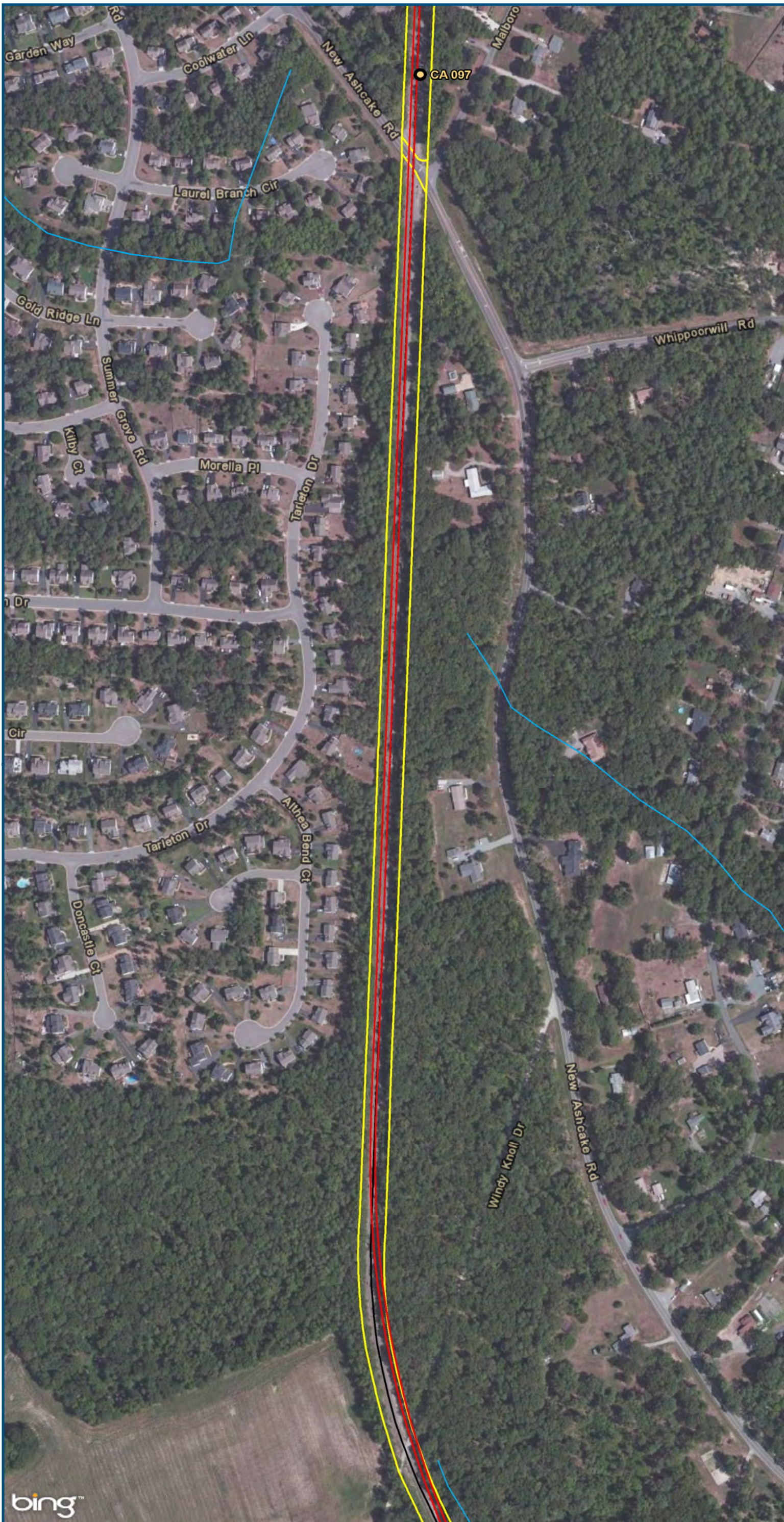
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4\Dev-Concept\Eng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

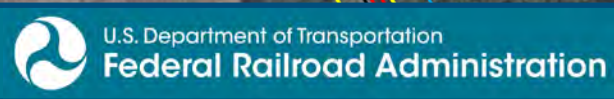
Figure Z-71
Richmond Segment
Hold Bridges and
Tangents
Alignment Option



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

Figure Z-72
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

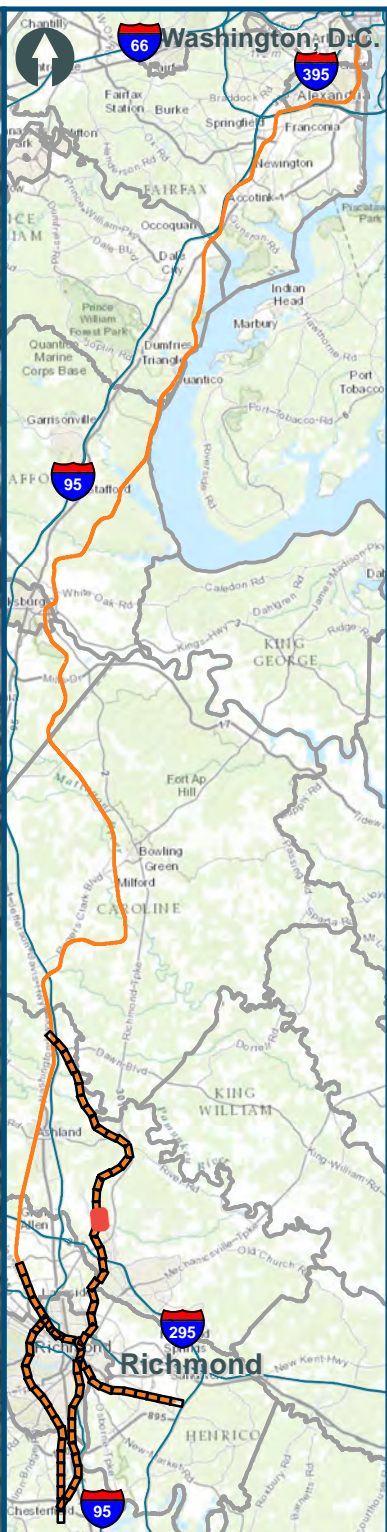
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4\Dev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



www.DC2RVArail.com



\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

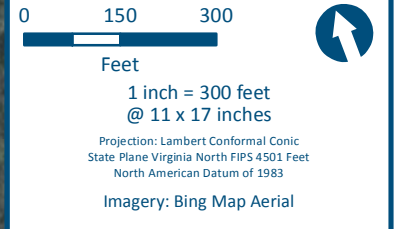
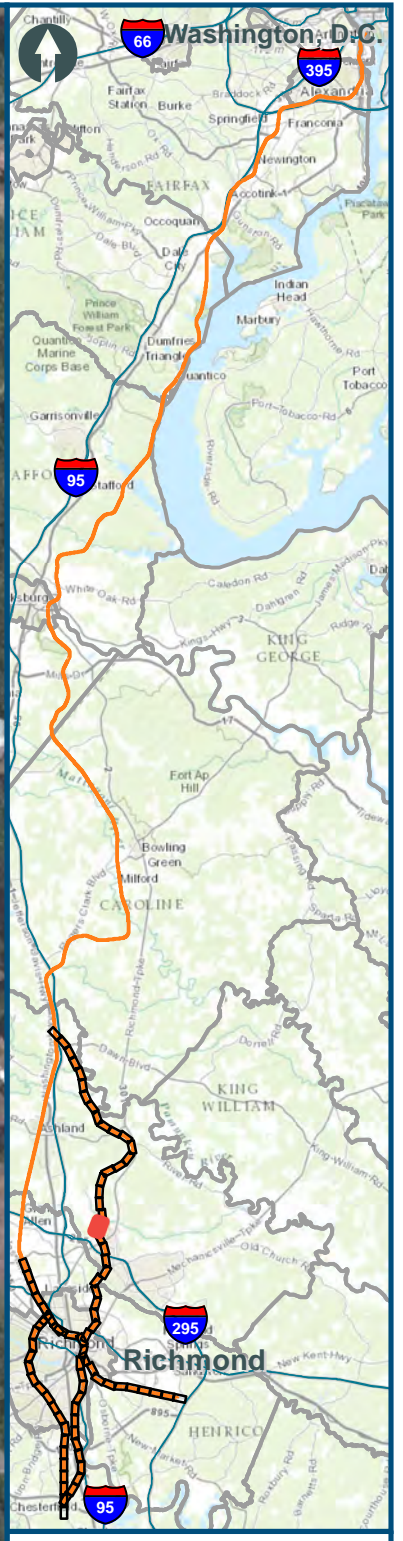


0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-73
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepot\Rail-PublicTransportation\0239056_RAPS-4\Dev-Concept\Eng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015








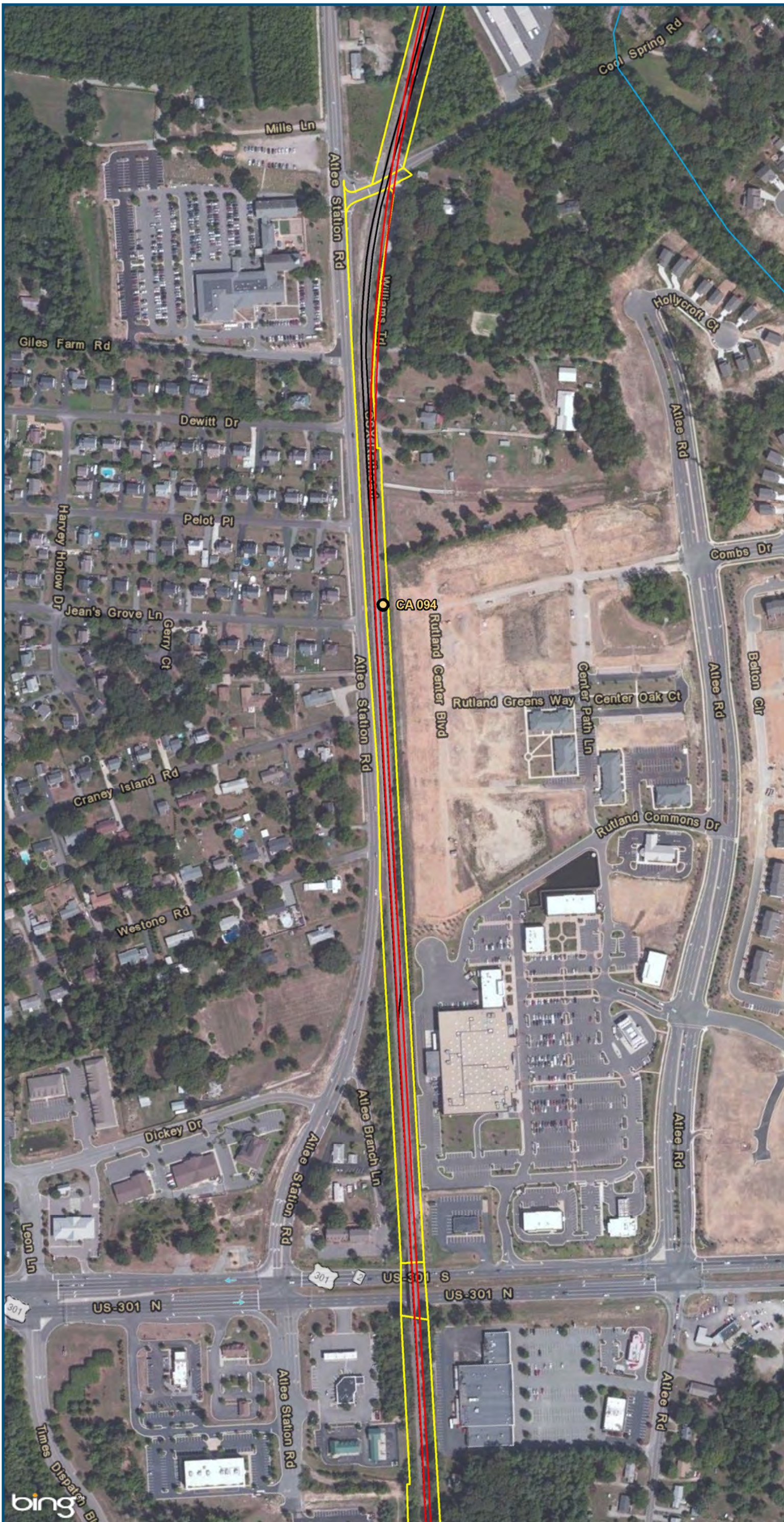
- Legend**
-  CSXT Mileposts
 -  New Track
 -  Existing Track
 -  CSXT Right-of-Way
 -  Streams

Figure Z-74
Richmond Segment
Hold Bridges and
Tangents
Alignment Option



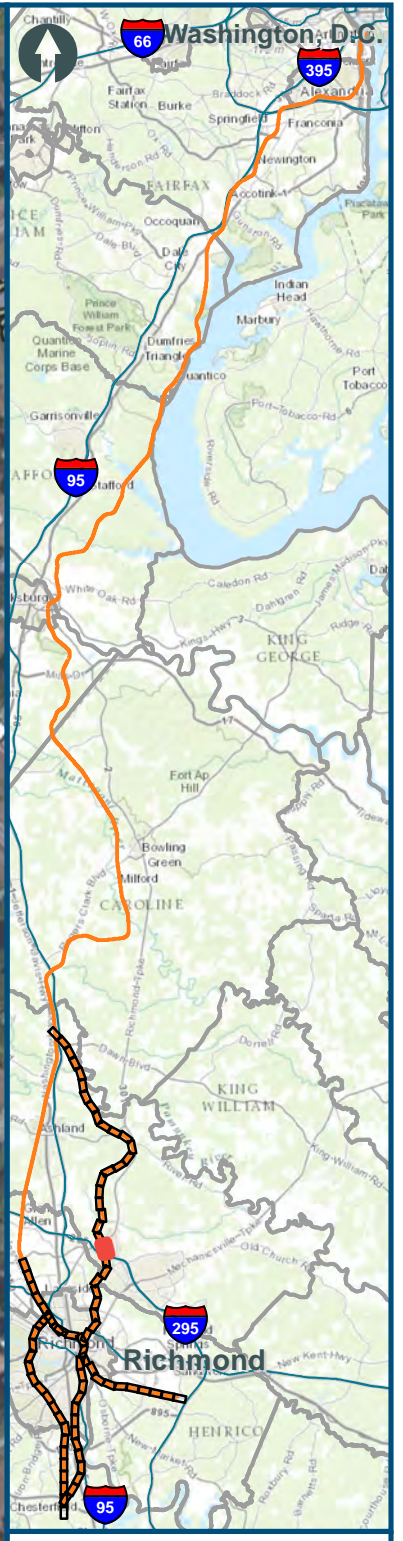
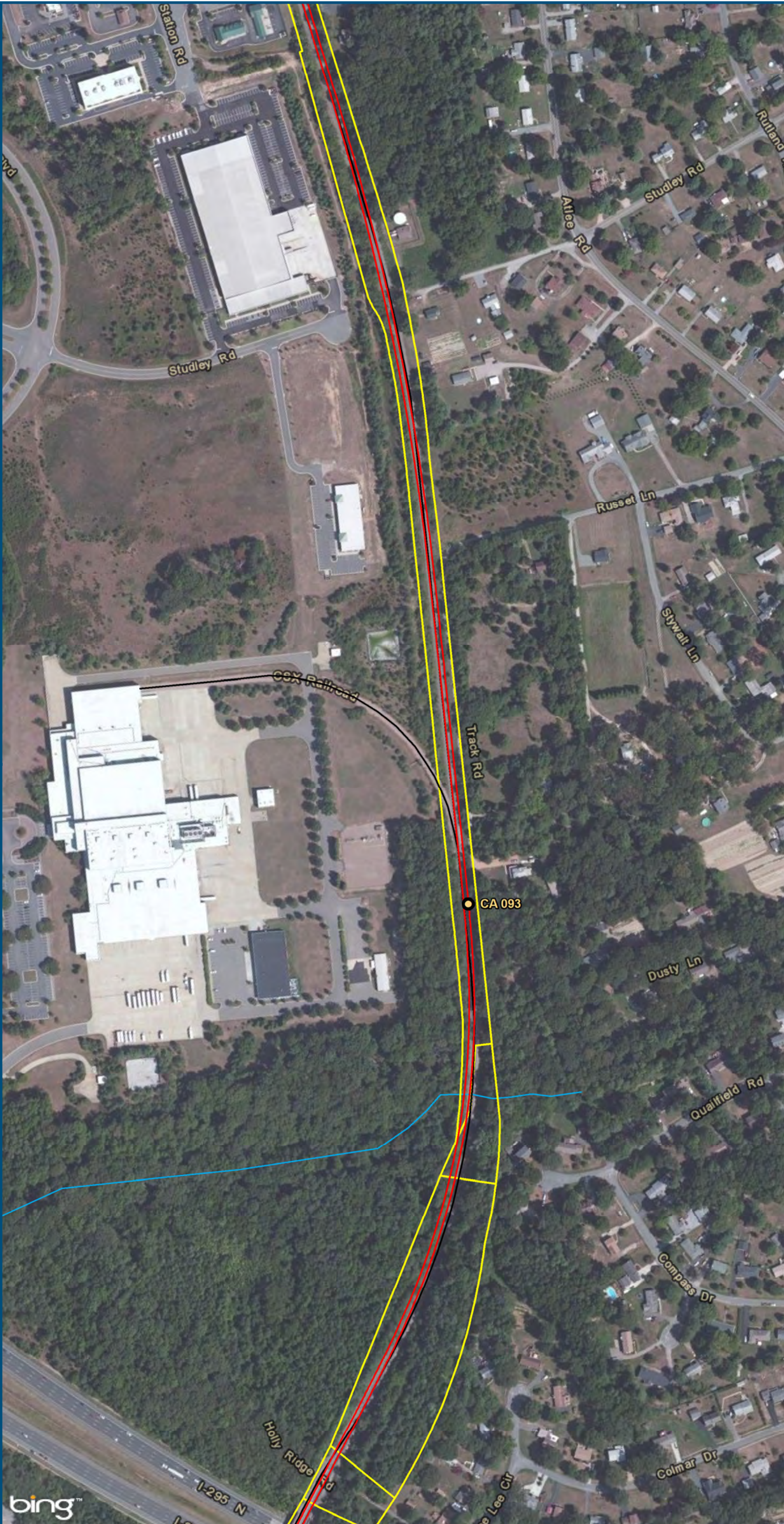
0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-75
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsman\gis_data\GIS\Projects\011545_VA\Dev\ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

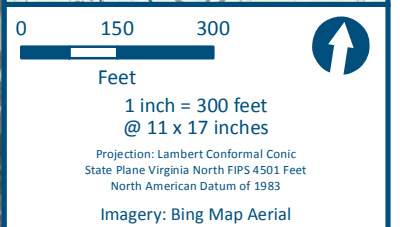


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

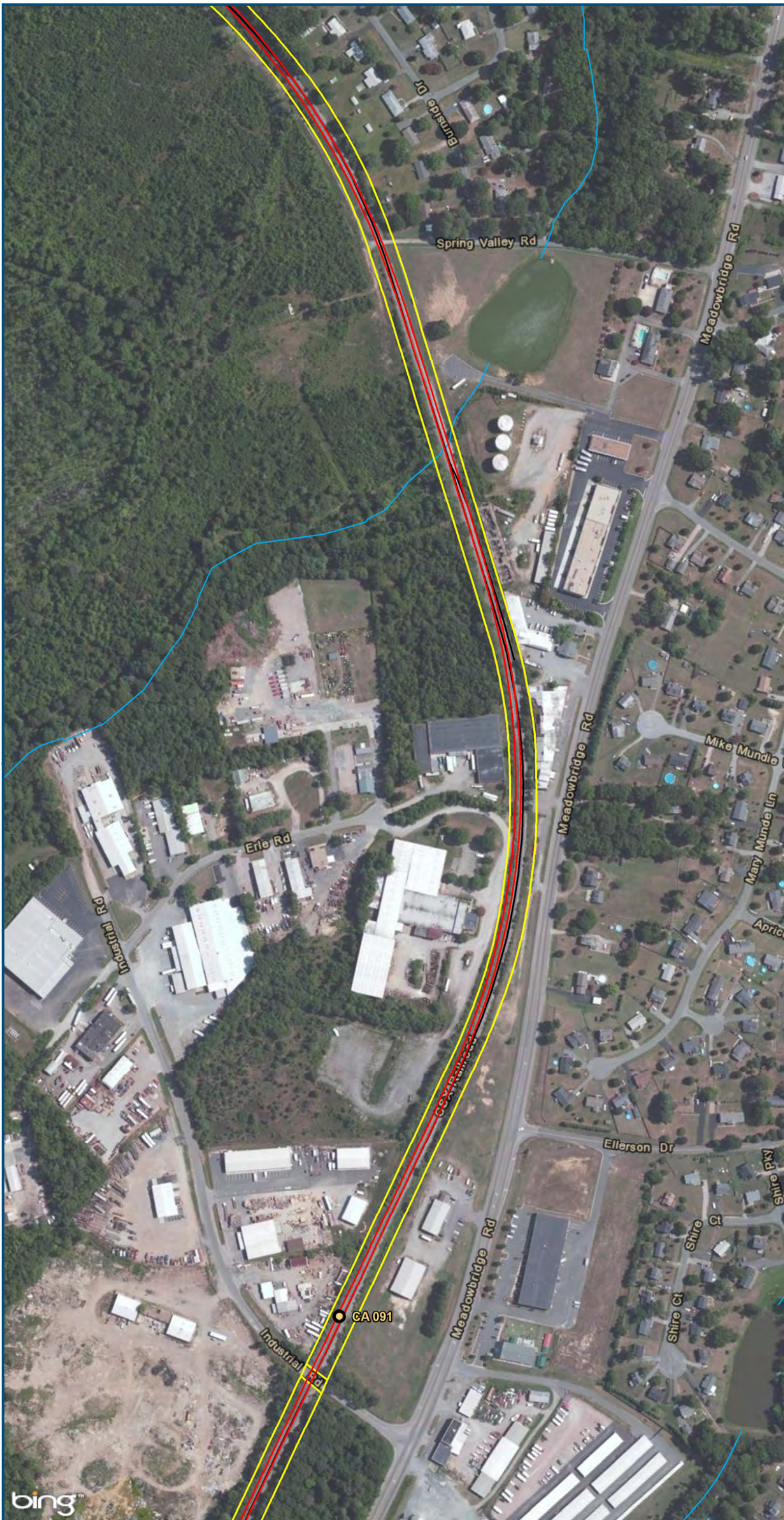
Figure Z-76
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4A\Dev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Chr6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-77
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

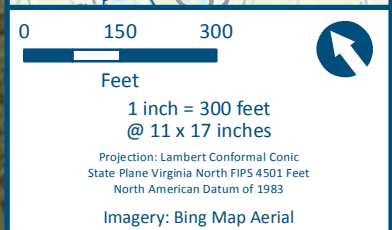
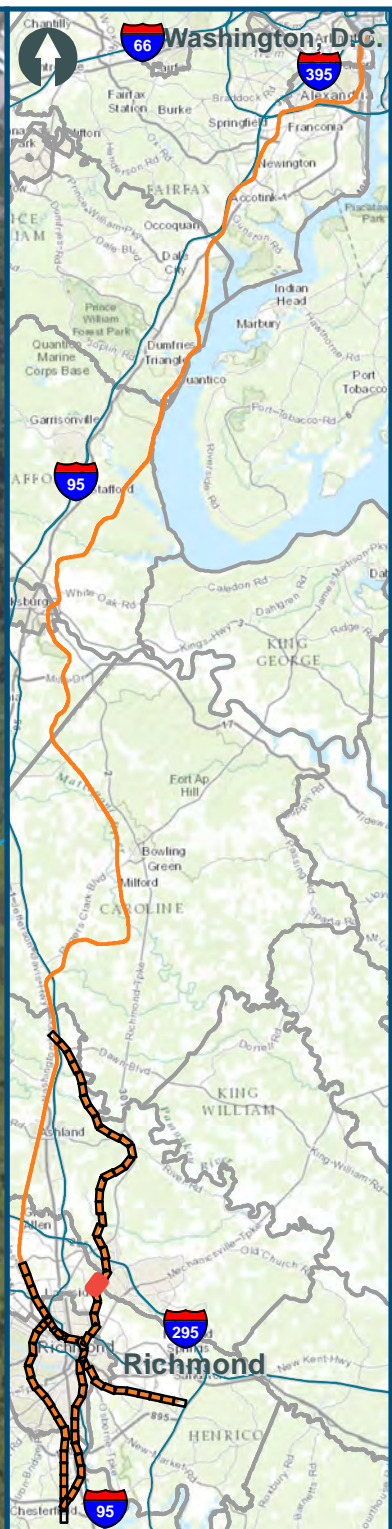


Legend

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

Figure Z-78
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

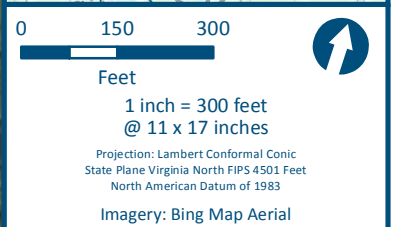
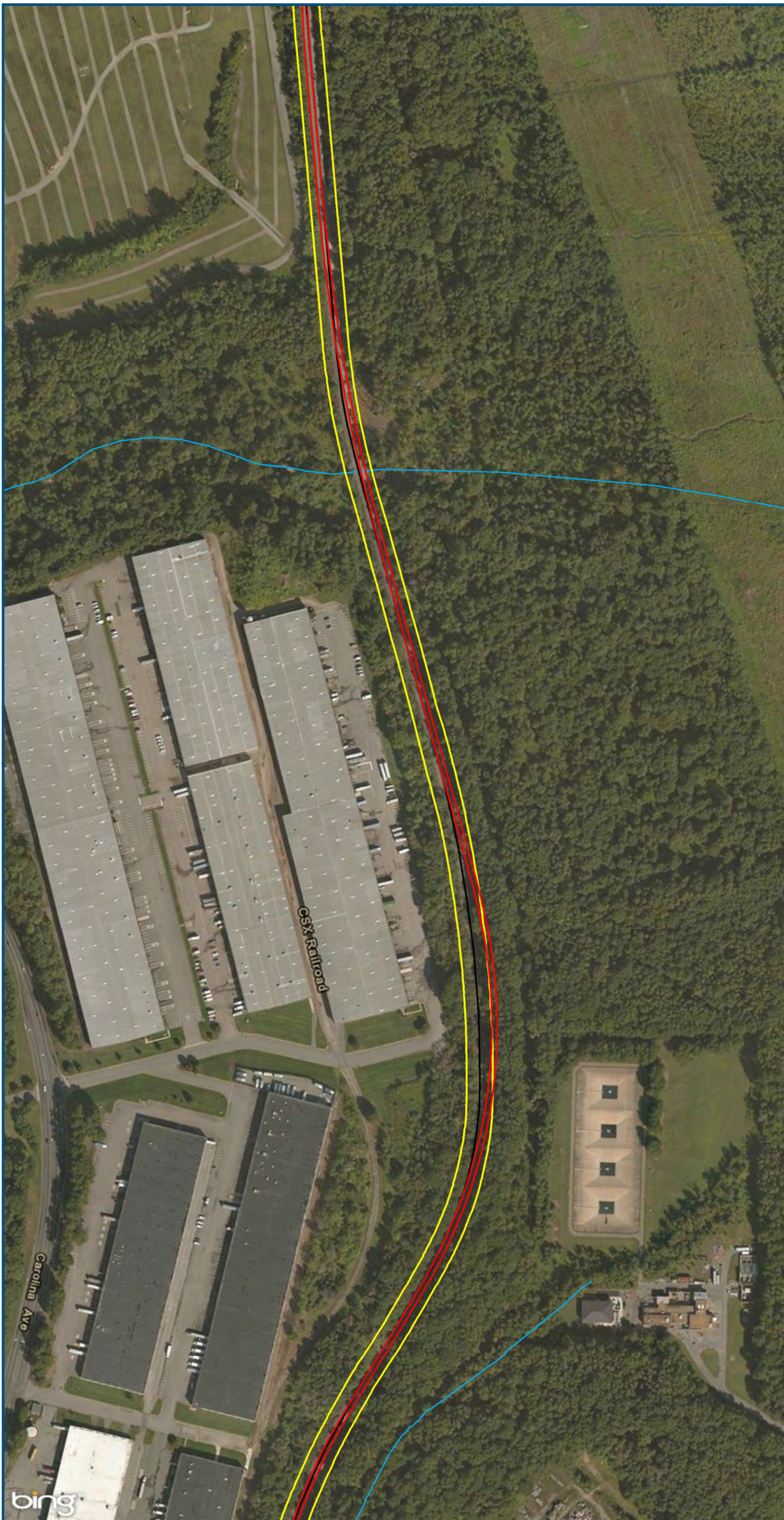
\\cslsman\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-79
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslsmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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

Figure Z-80
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

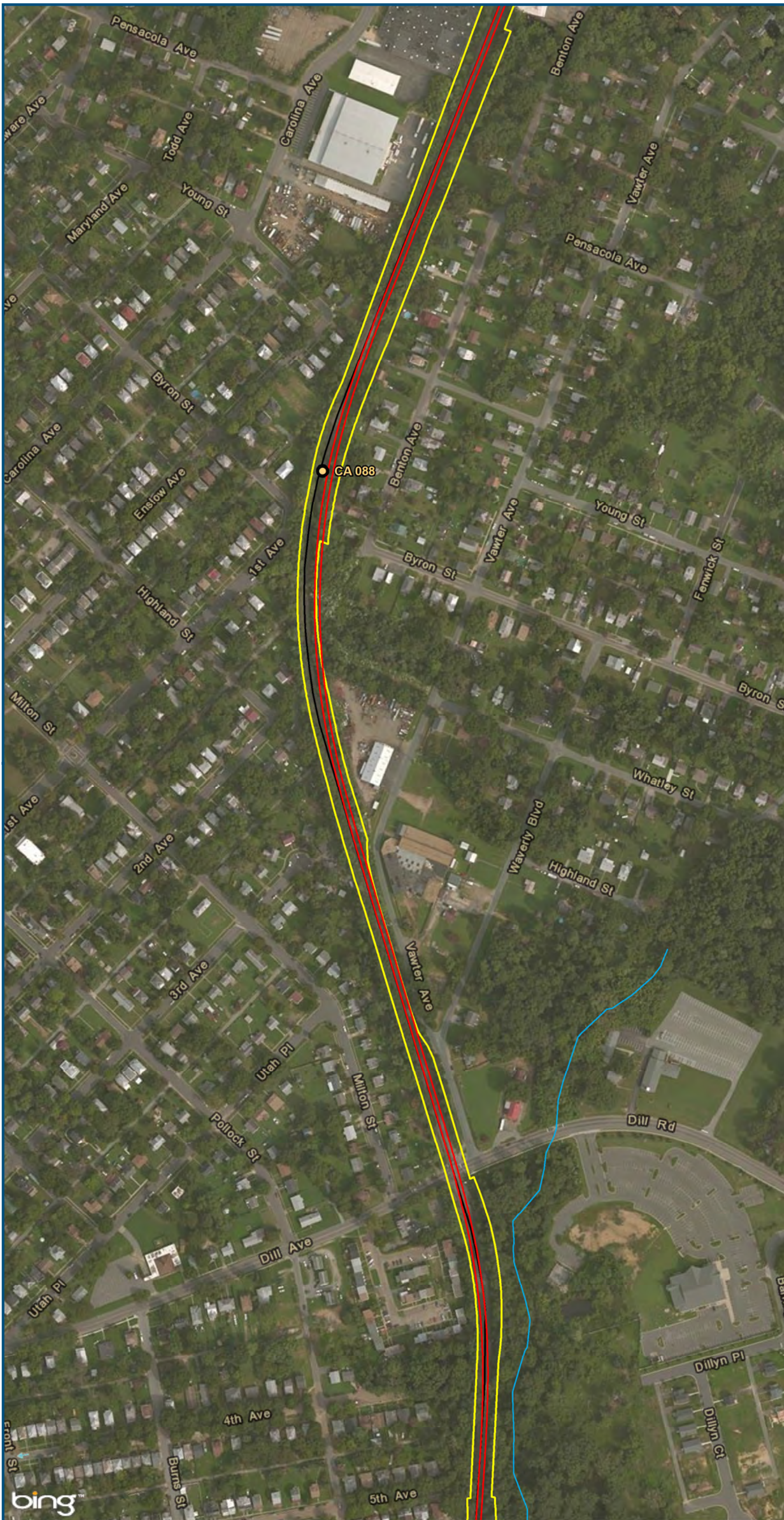
\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015



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 Z-81
Richmond Segment
Hold Bridges and
Tangents
Alignment Option



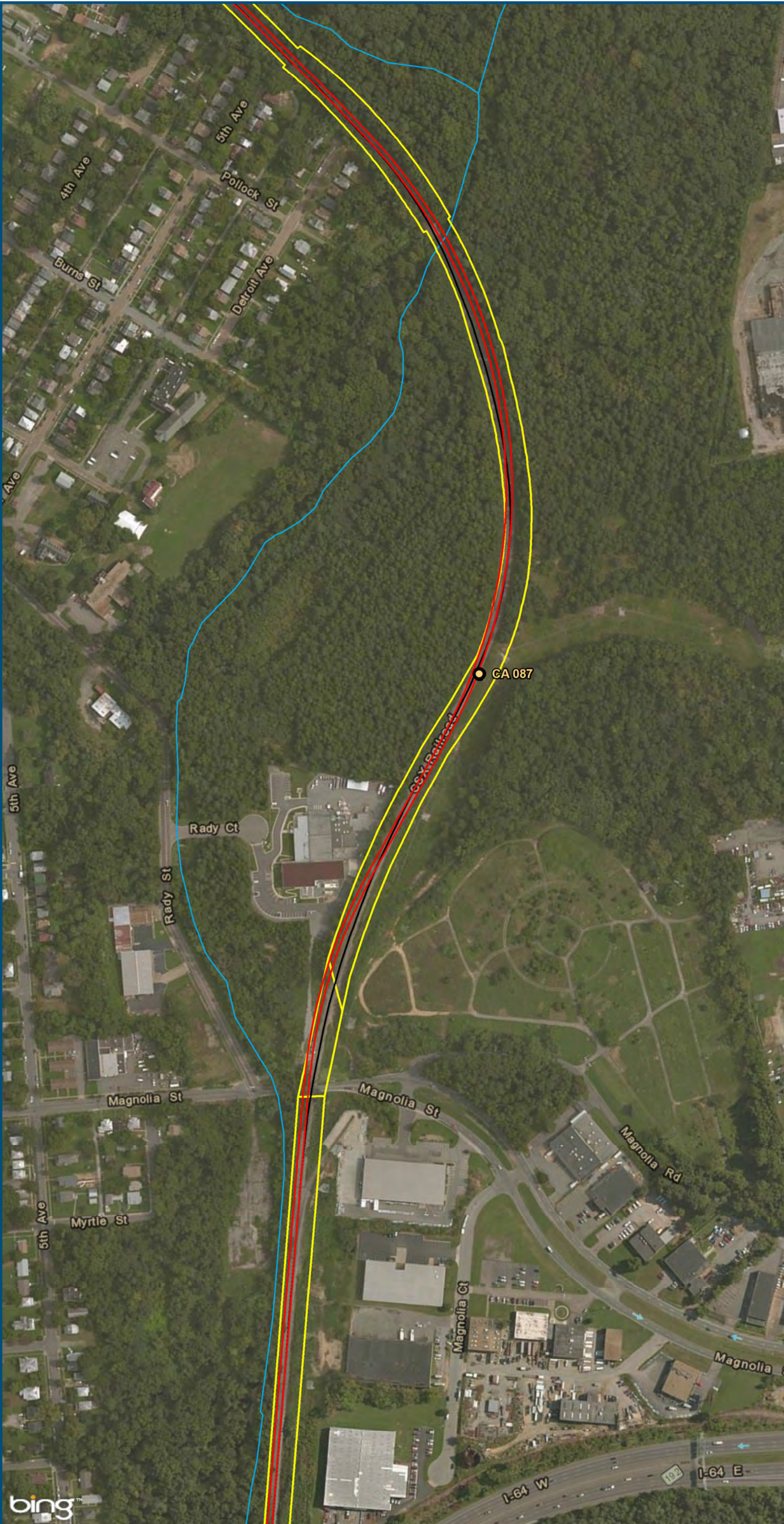
0 150 300
 Feet
 1 inch = 300 feet
 @ 11 x 17 inches
 Projection: Lambert Conformal Conic
 State Plane Virginia North FIPS 4501 Feet
 North American Datum of 1983
 Imagery: Bing Map Aerial

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

Figure Z-82
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VA\DeplotRails-PublicTransportation\0239056_RAPS-4\Dev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_Alignments_11x17.mxd | Last Updated: 12.08.2015

\\cslmain\gis_data\GIS\Projects\011545_VADepotofRails-PublicTransportation\0239056_RAPS-4AllDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_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 Z-83
Richmond Segment
Hold Bridges and
Tangents
Alignment Option

\\cslmain\gis_data\GIS\Projects\011545_VADepotRailRails-PublicTransportation\0239056_RAPS-4\AIIDev-ConceptEng\map_docs\mxd\AIT_Tech_Report\DC2RVA_Ch6_Appendices_RIC_HoldBridgesTangents_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 Z-84
Richmond Segment
Hold Bridges and
Tangents
Alignment Option