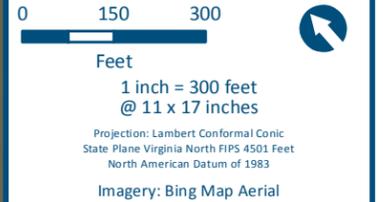
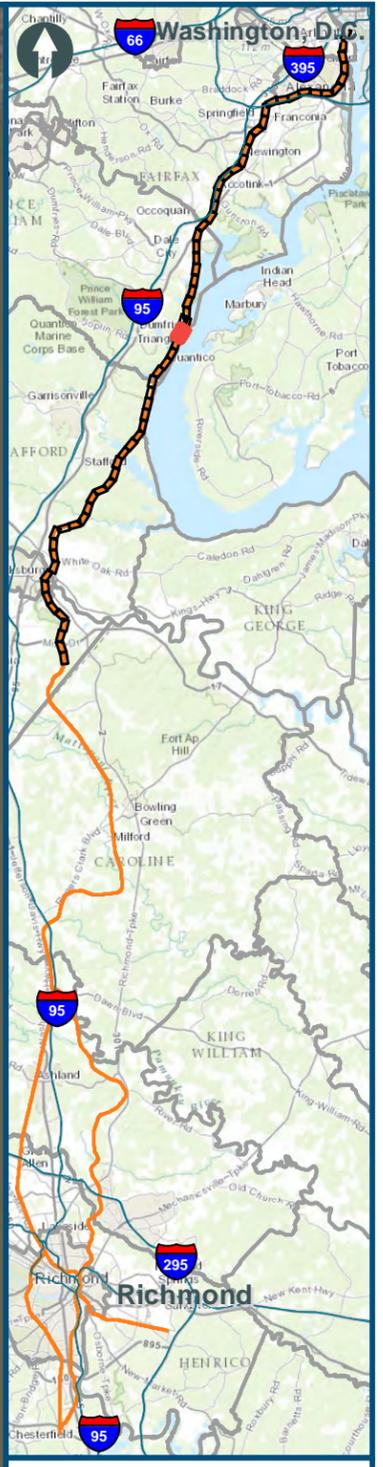


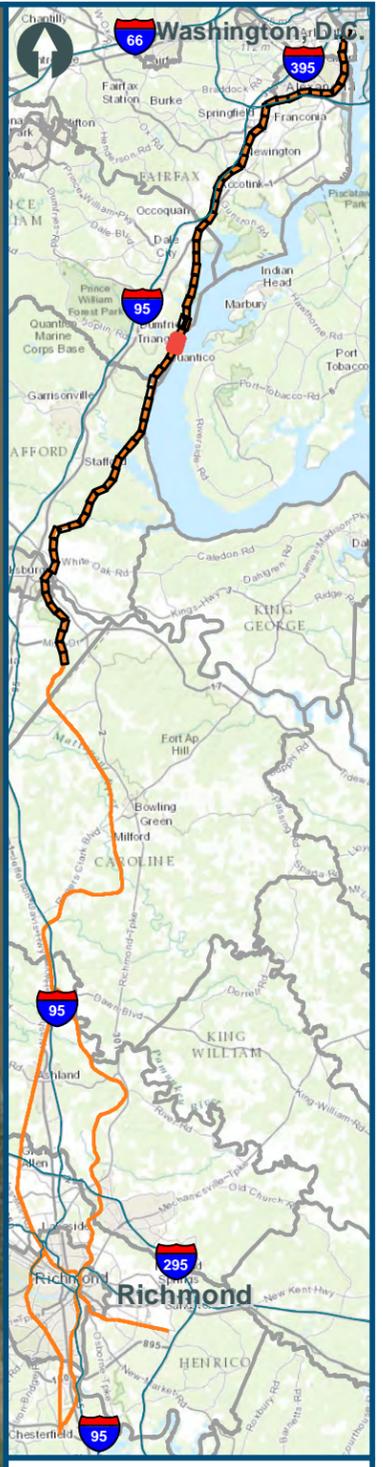
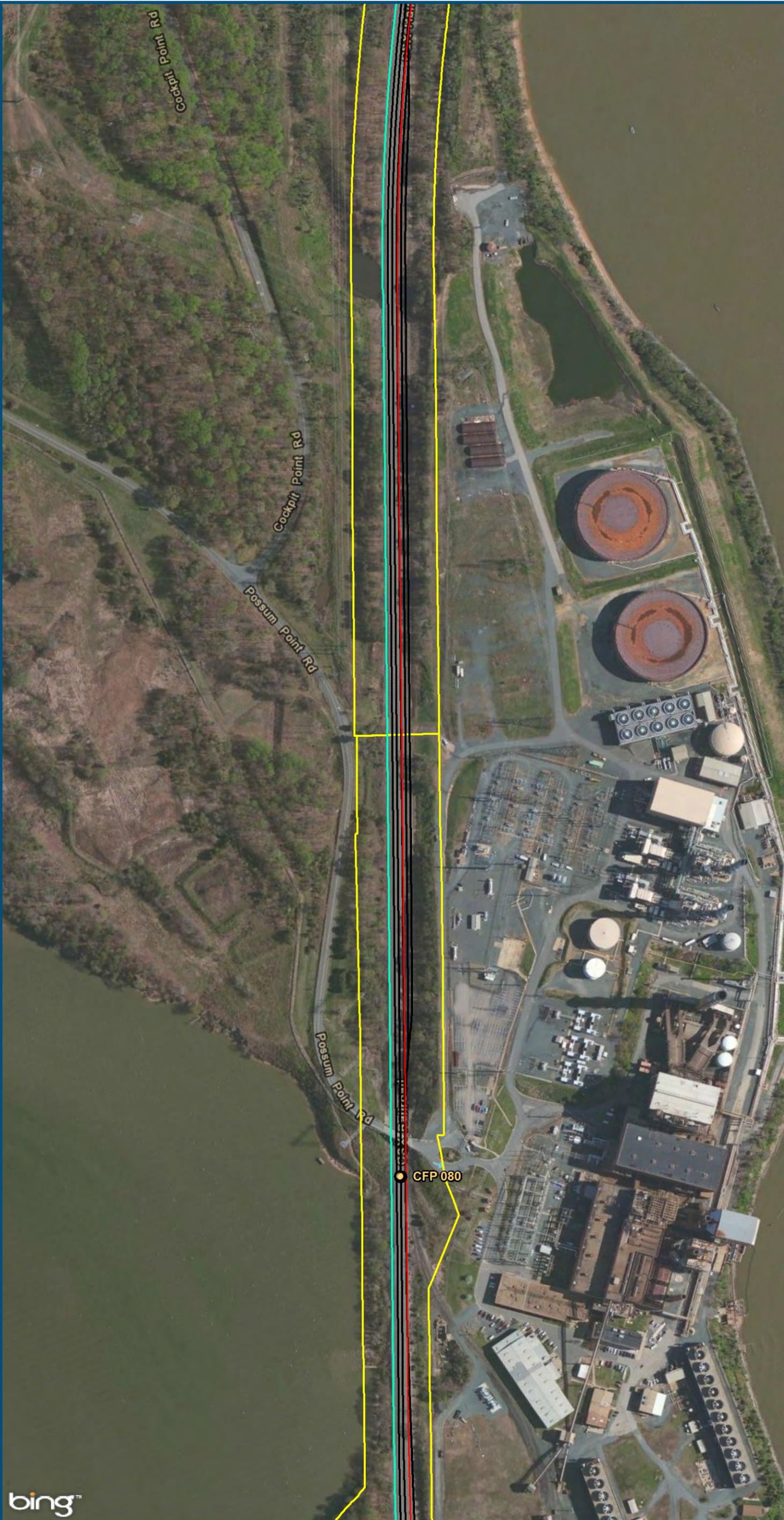
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- Legend**
- CSXT Mileposts
 - Third Track Under Construction by CSXT
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-35
Northern Virginia
East
Alignment Option

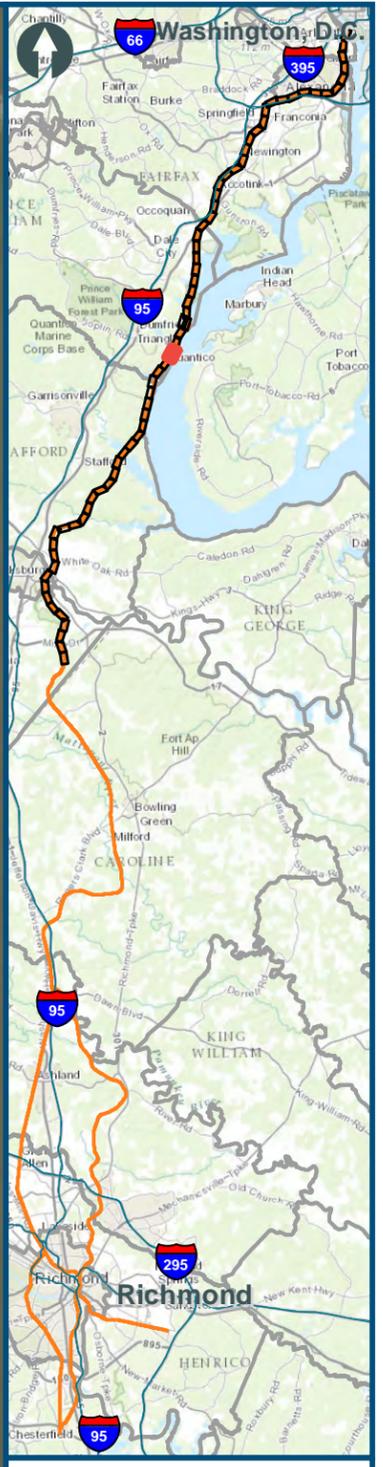
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- Legend**
- CSXT Mileposts
 - Third Track Under Construction by CSXT
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-36
Northern Virginia
East
Alignment Option

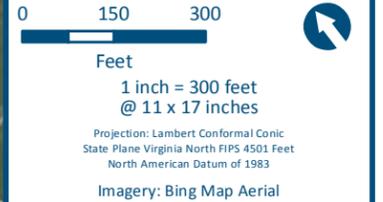
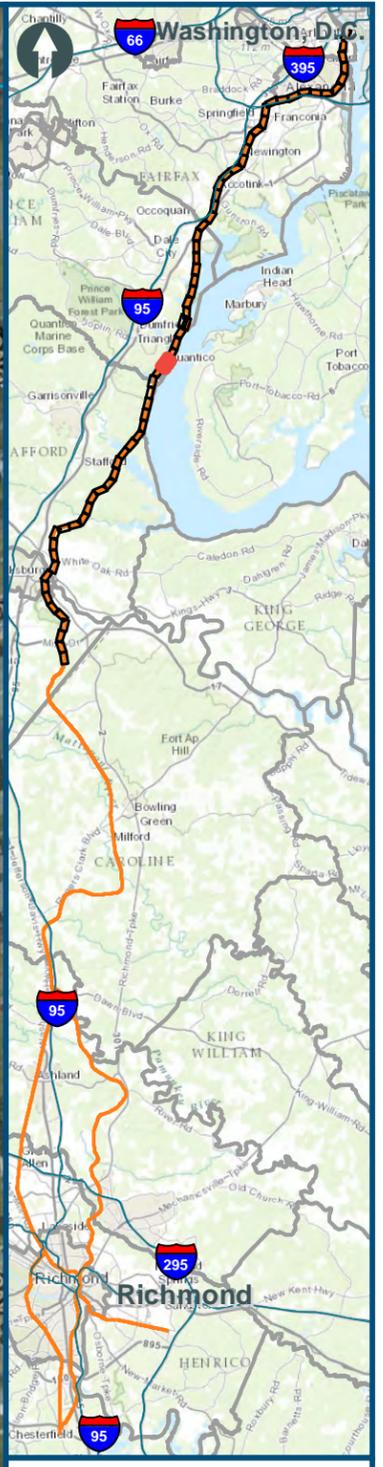
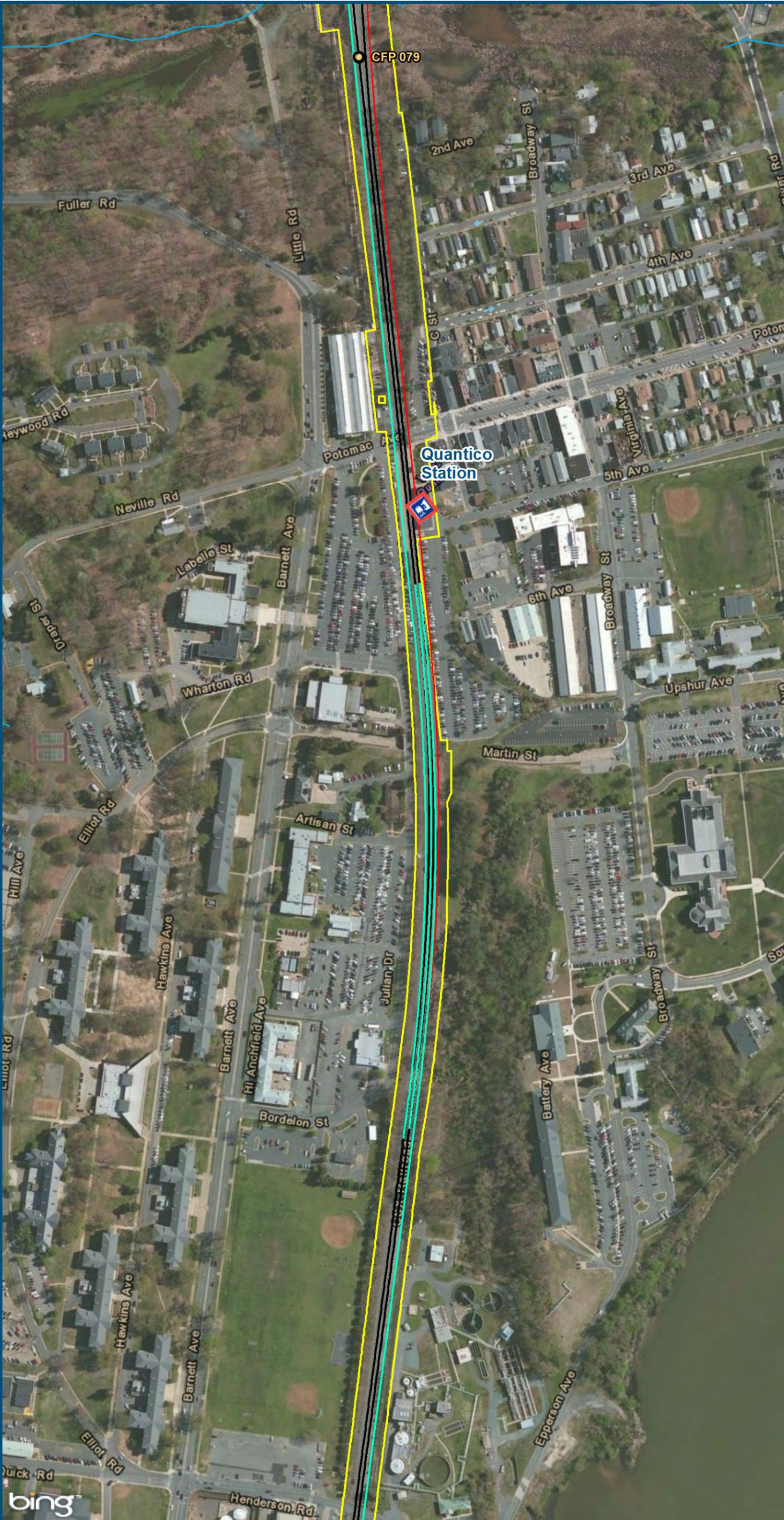
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- Legend**
- CSXT Mileposts
 - Third Track Under Construction by CSXT
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-37
Northern Virginia
East
Alignment Option

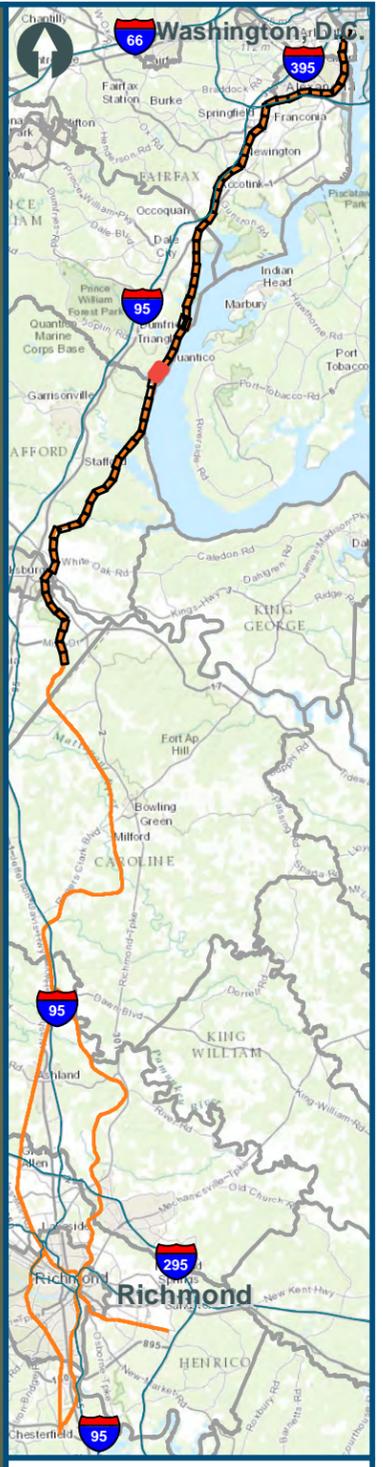
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- Legend**
-  Amtrak/VRE Station
 -  CSXT Mileposts
 -  Third Track Under Construction by CSXT
 -  Existing Track
 -  New Track
 -  Shifted Track
 -  CSXT Right-of-Way
 -  Streams

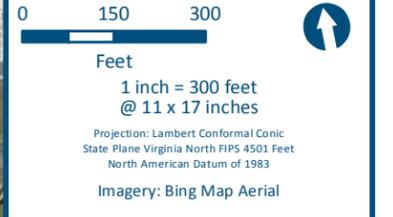
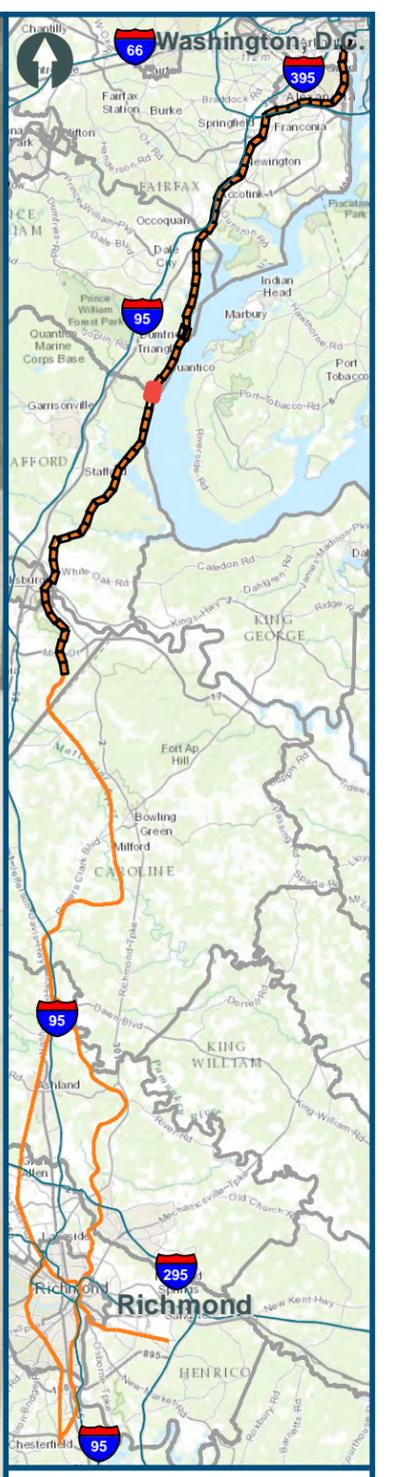
Figure J-38
Northern Virginia
East
Alignment Option

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

Figure J-39
Northern Virginia
East
Alignment Option



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

Figure J-40
Northern Virginia
East
Alignment Option

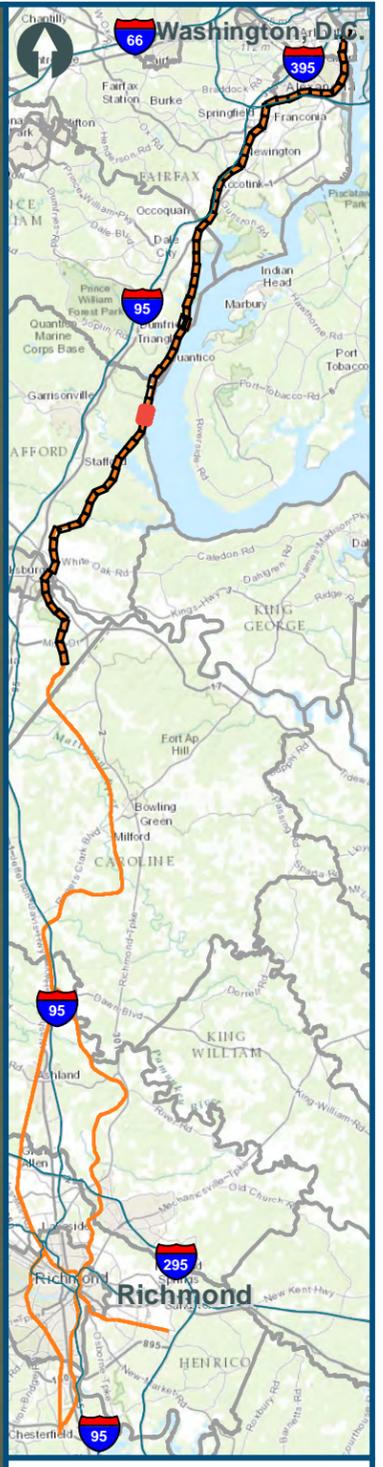
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- Legend**
- CSXT Mileposts
 - Third Track Under Construction by CSXT
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

**Figure J-42
Northern Virginia
East
Alignment Option**

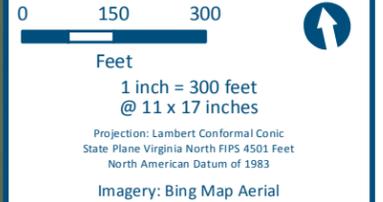
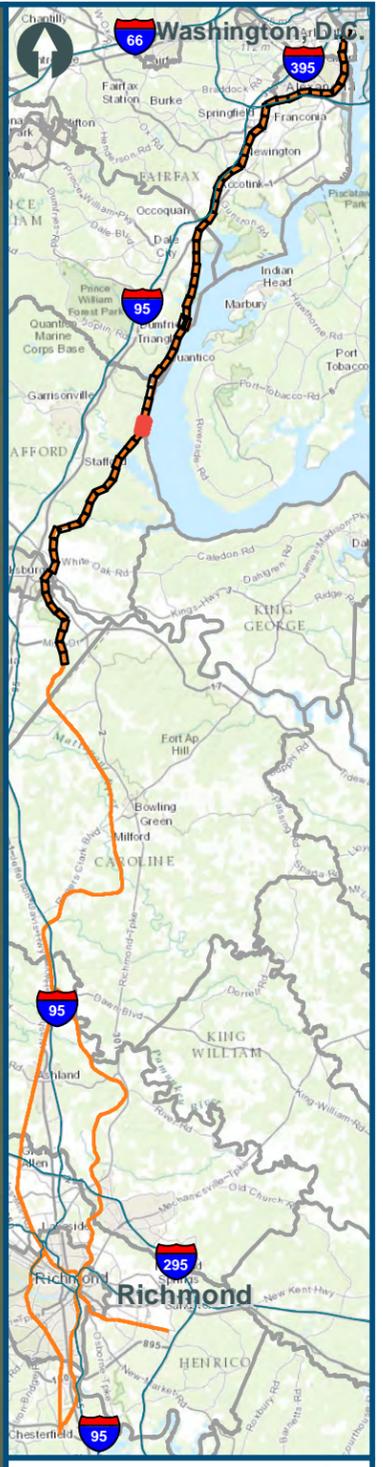
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- Legend**
- CSXT Mileposts
 - Third Track Under Construction by CSXT
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-43
Northern Virginia
East
Alignment Option

\\dlismain\GIS_DATA\GIS\Projects\011545_VA\DeptofRails-PublicTransportation\0239056_RAPS-4\AIDev-ConceptEng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Chr6_Appendices_NOV_East_Alignments_11x17.mxd | Last Updated: 11.11.2015



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

Figure J-44
Northern Virginia
East
Alignment Option

\\dlismain\GIS_DATA\GIS\Projects\011545_VA\DeptofRails-PublicTransportation\0239056_RAPS-4\AIDev-Concept\Eng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Chr6_Appendices_NOV_East_Alignments_11x17.mxd | Last Updated: 11.11.2015

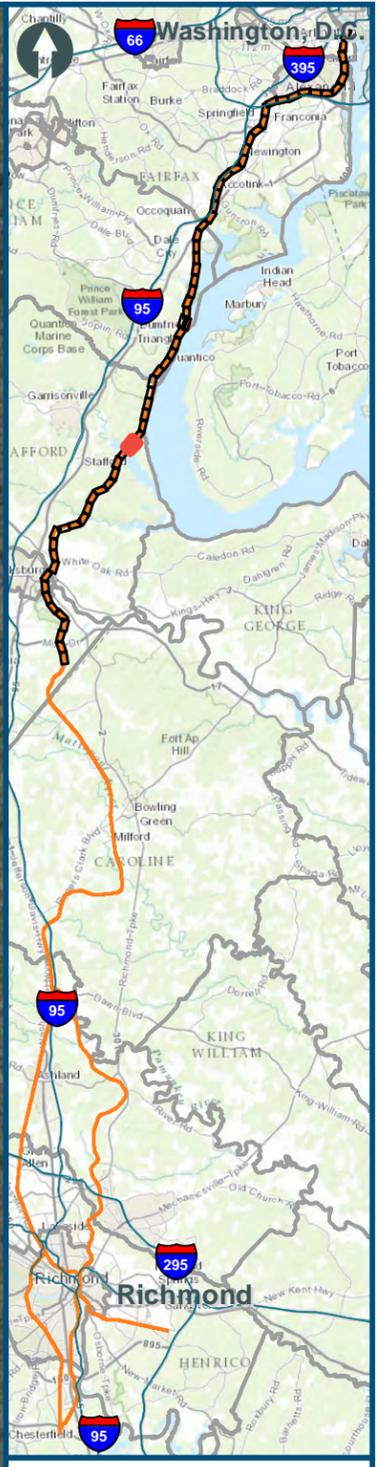
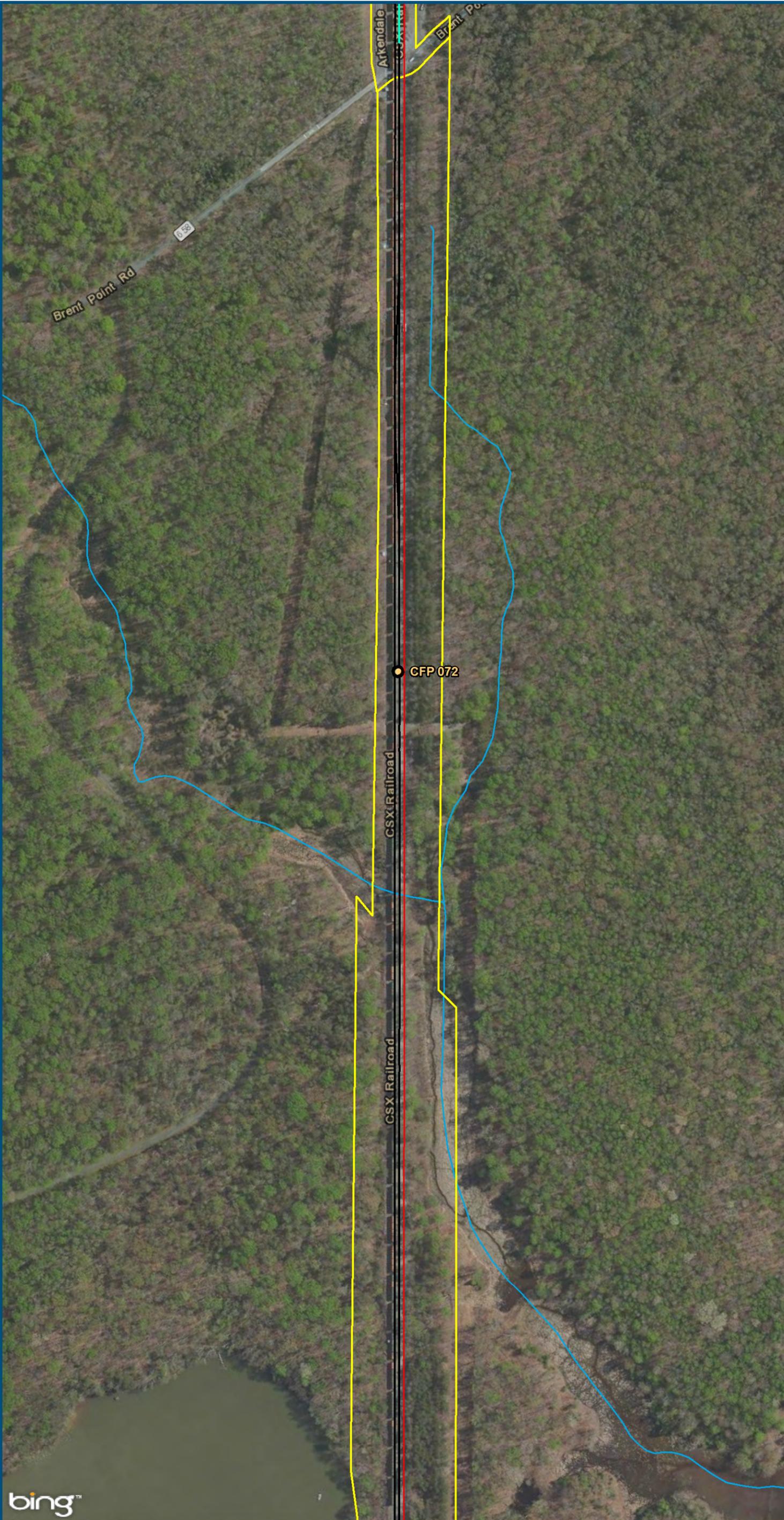


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

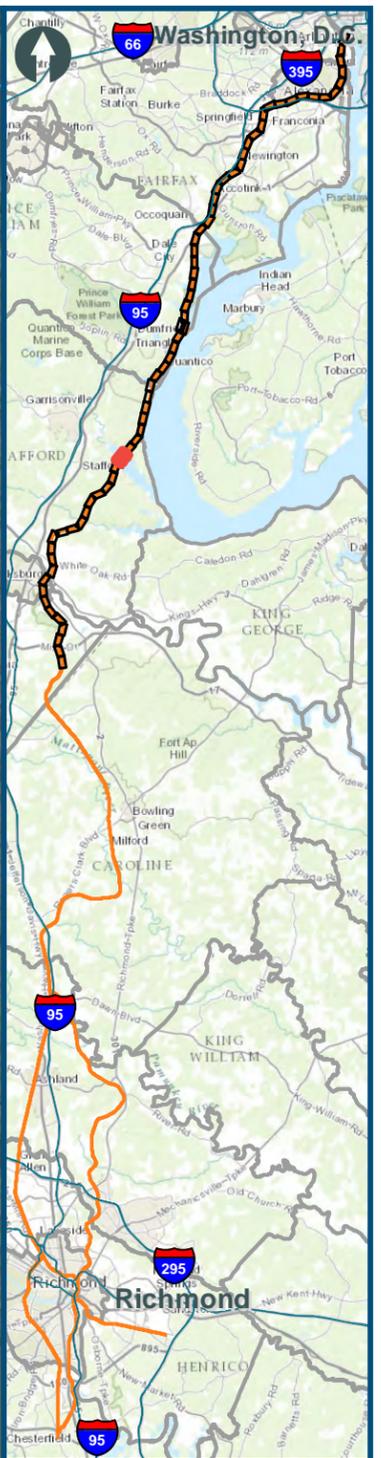
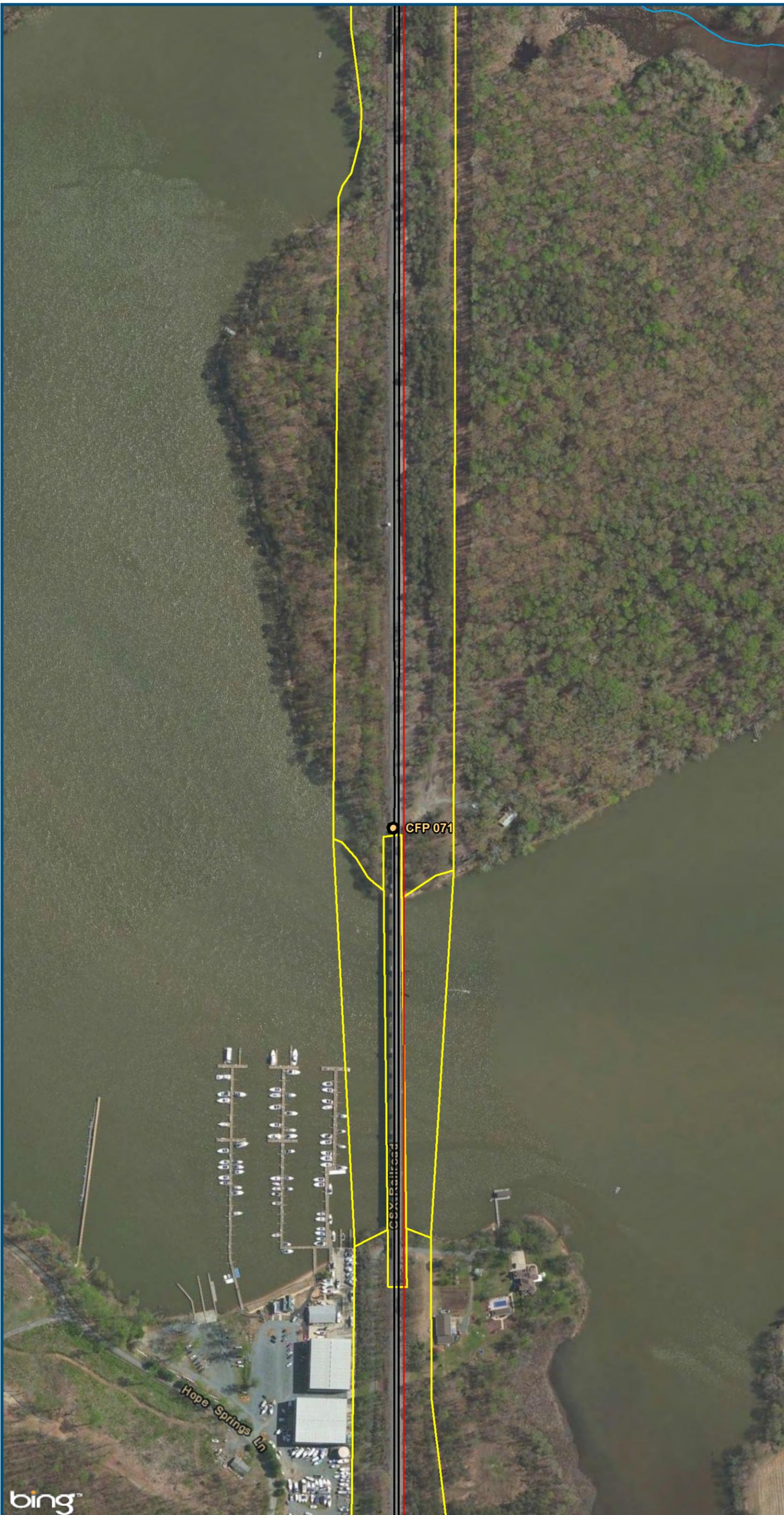
Figure J-45
Northern Virginia
East
Alignment Option

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

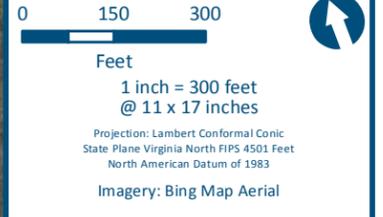
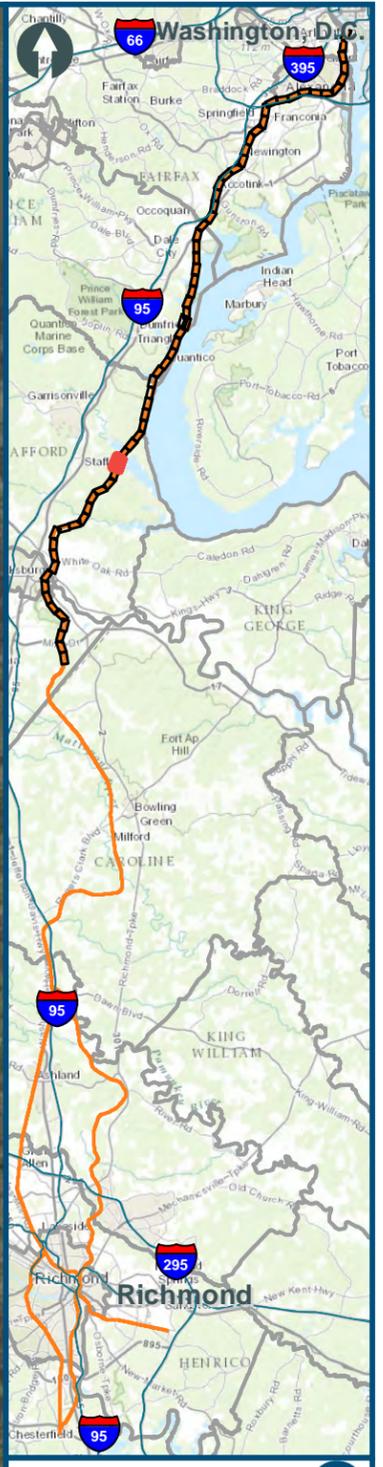
**Figure J-46
Northern Virginia
East
Alignment Option**



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

Figure J-47
Northern Virginia
East
Alignment Option

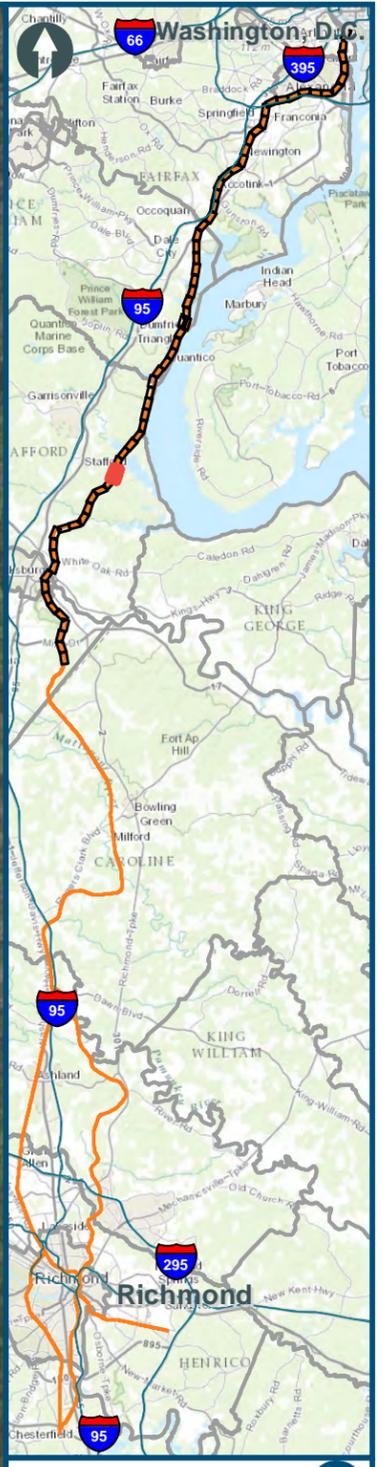
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- Legend**
- CSXT Mileposts
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-48
Northern Virginia
East
Alignment Option

\\dlismain\GIS_DATA\GIS\Projects\011545_VA\DeptofRails-PublicTransportation\0239056_RAPS-4\AIDev-ConceptEng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Ch6_Appendices_NOV_East_Alignments_11x17.mxd | Last Updated: 11.04.2015

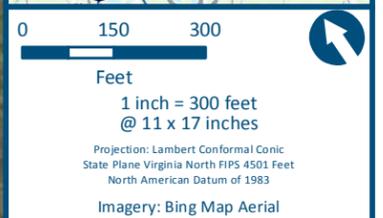
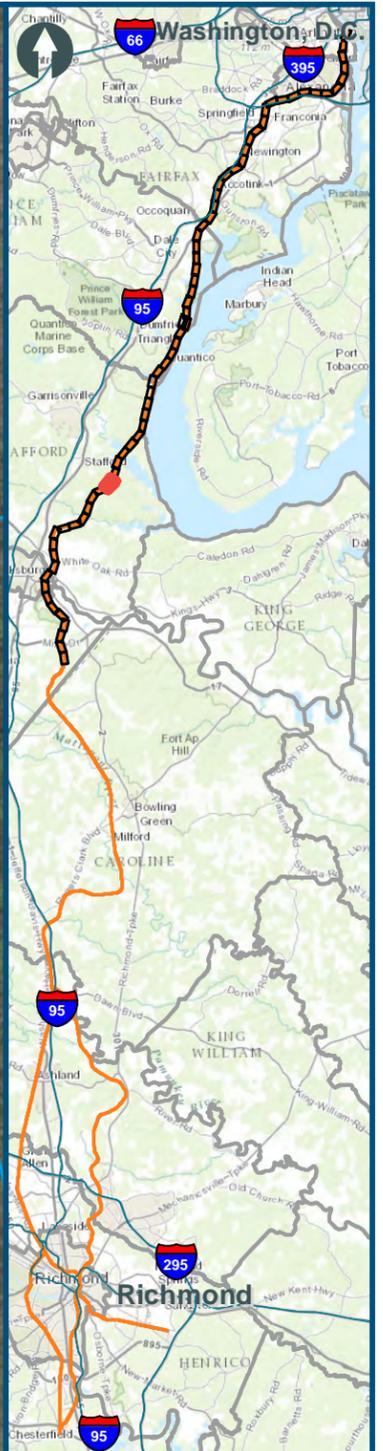


0 150 300
Feet
1 inch = 300 feet @ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure J-49
Northern Virginia
East
Alignment Option

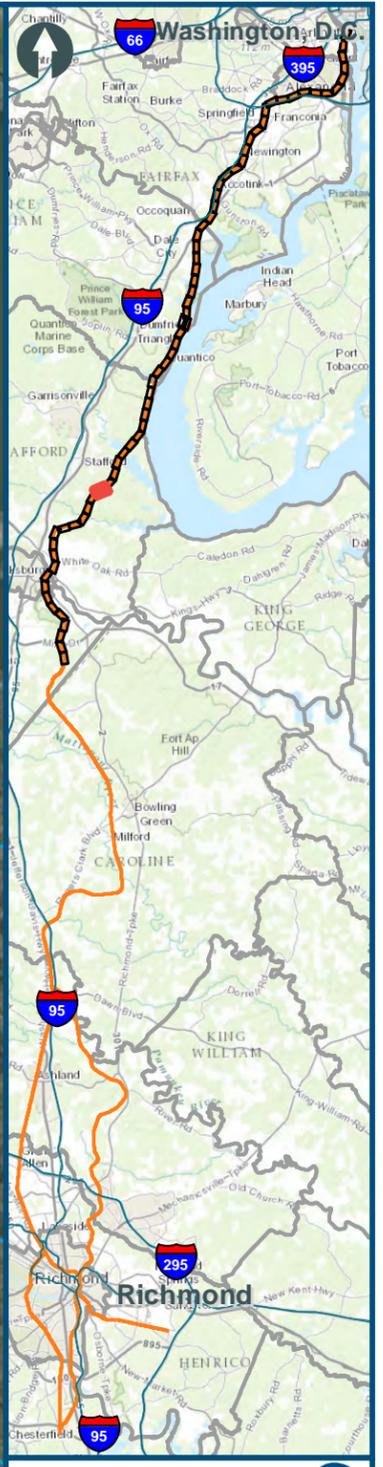
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- Legend**
-  CSXT Mileposts
 -  Existing Track
 -  New Track
 -  Shifted Track
 -  CSXT Right-of-Way
 -  Streams

Figure J-50
Northern Virginia
East
Alignment Option

\\dlismain\GIS_DATA\GIS\Projects\011545_VA\DeptofRails-PublicTransportation\0239056_RAPS-4\AllDev-Concept\Eng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Chr6_Appendices_NOV_East_Alignments_11x17.mxd | Last Updated: 11.04.2015

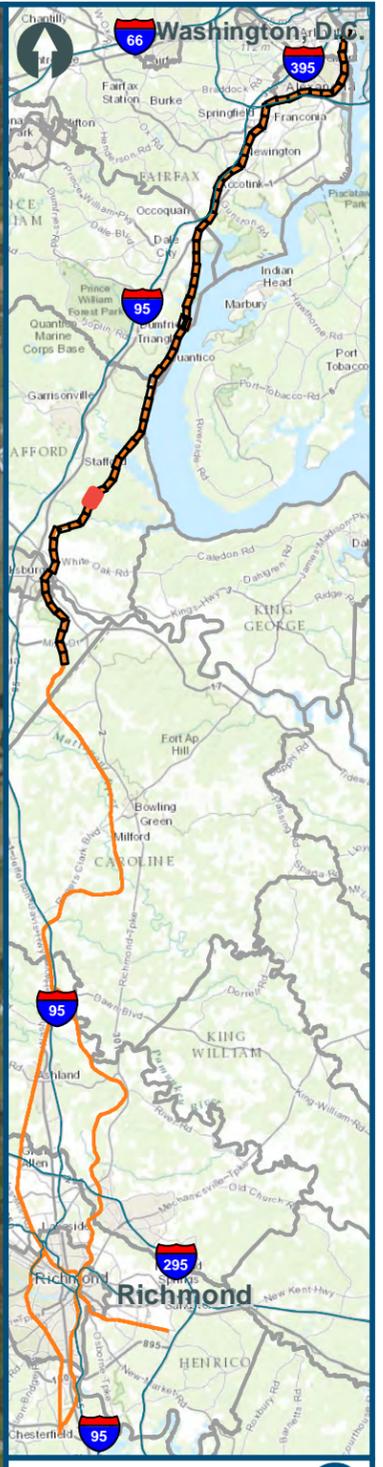
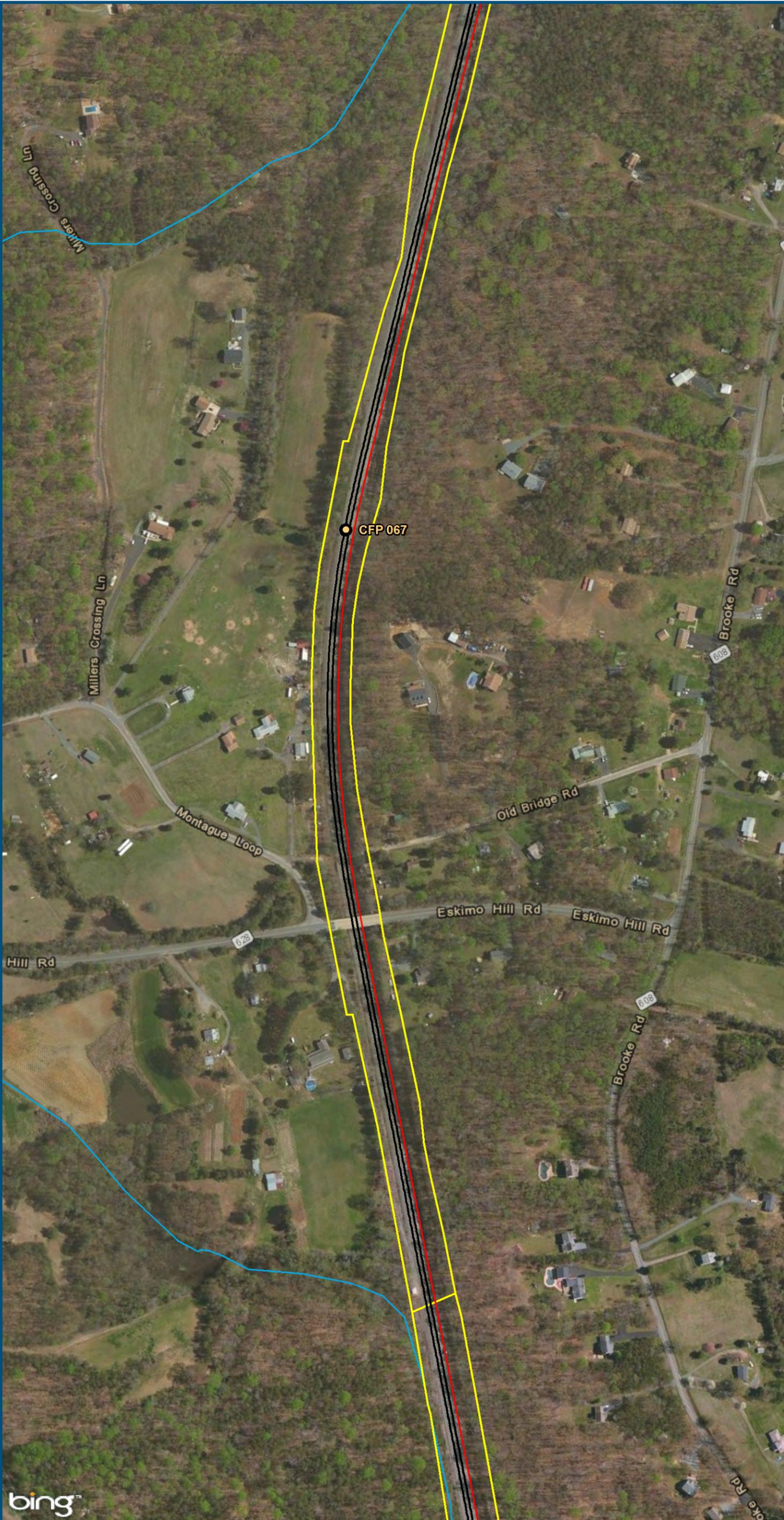


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure J-51
Northern Virginia
East
Alignment Option

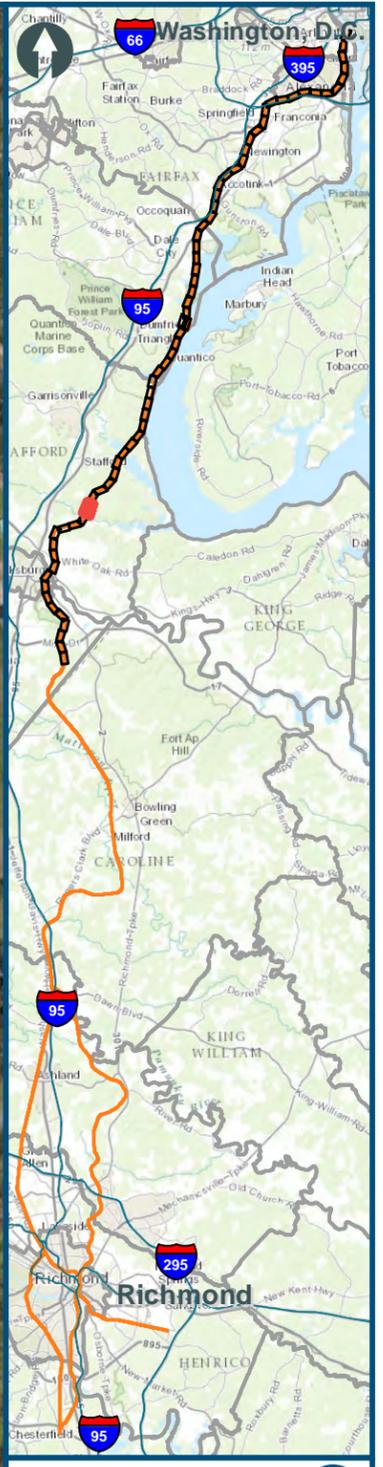
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- Legend**
- CSXT Mileposts
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-52
Northern Virginia
East
Alignment Option

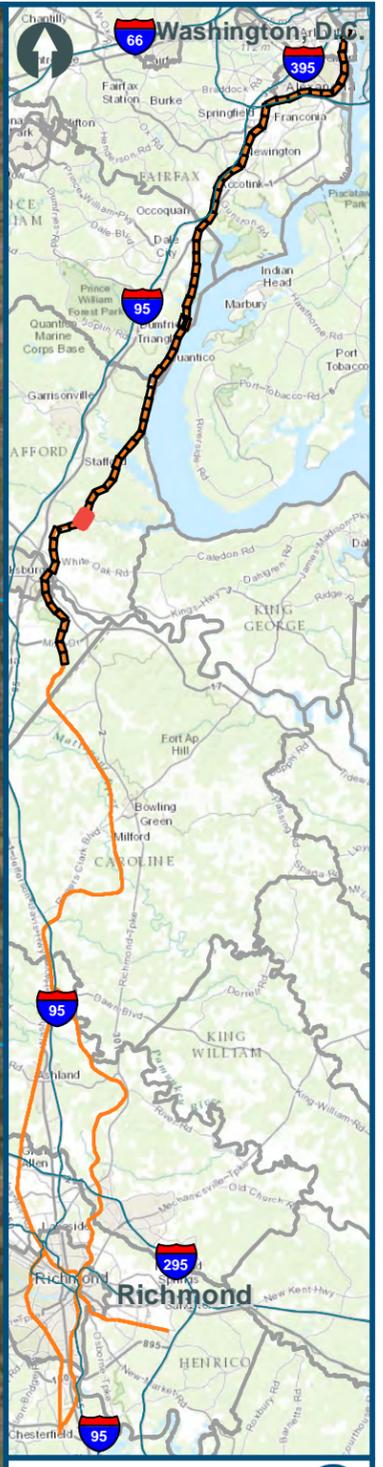
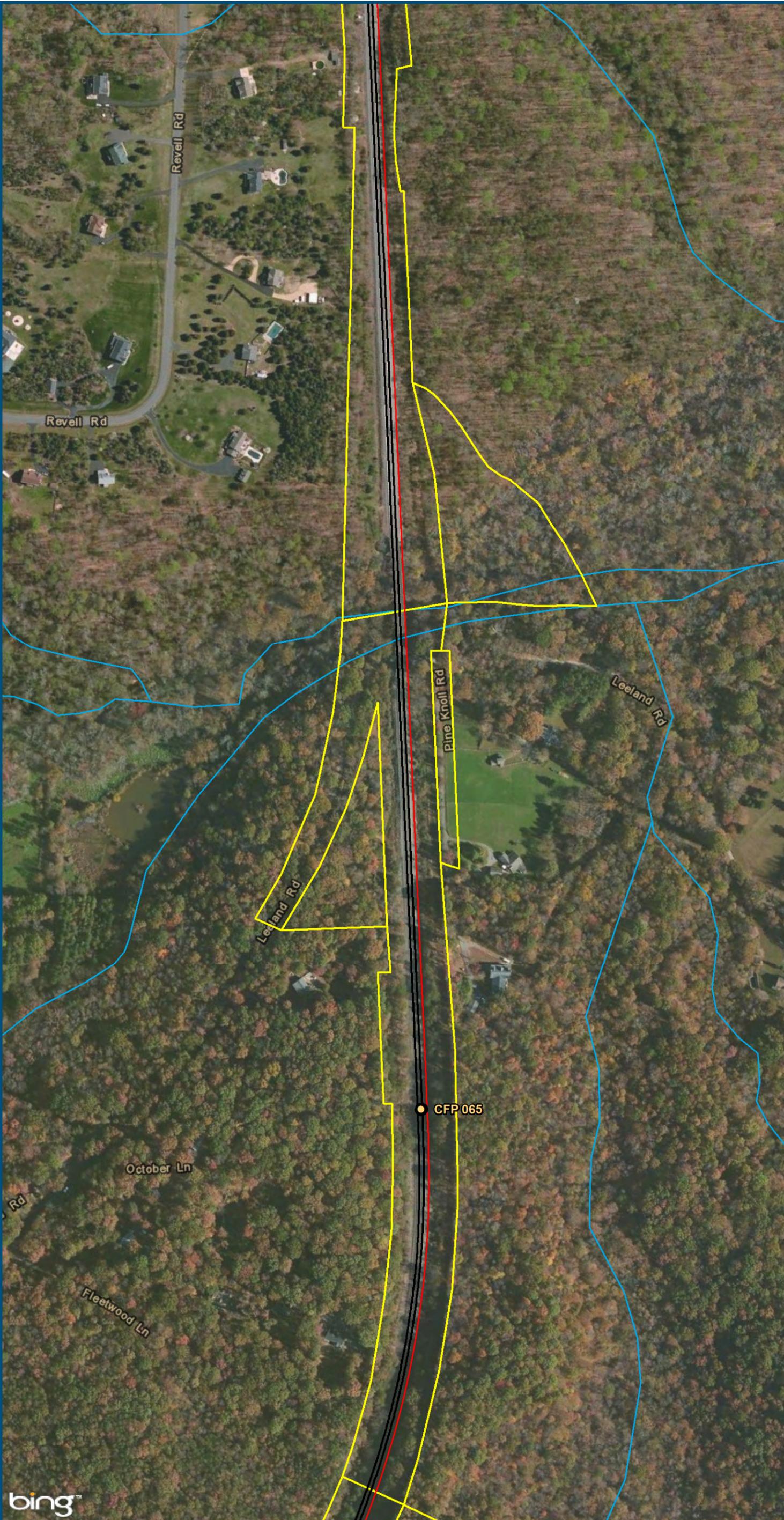
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- Legend**
- CSXT Mileposts
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-53
Northern Virginia
East
Alignment Option

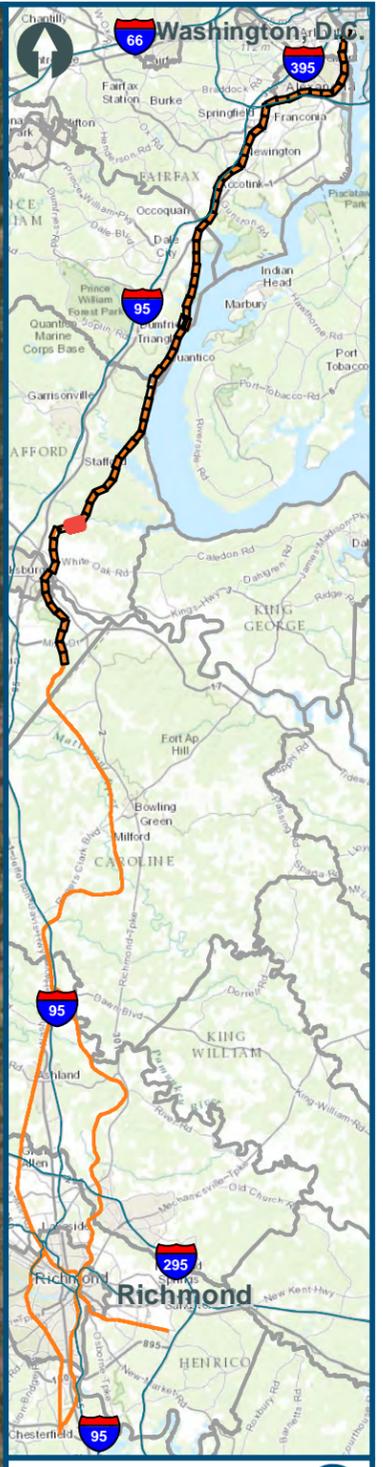
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- Legend**
- CSXT Mileposts
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-54
Northern Virginia
East
Alignment Option

\\dlismain\GIS_DATA\GIS\Projects\011545_VA\DeptofRails-PublicTransportation\0239056_RAPS-4\AIDev-ConceptEng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Cht6_Appendices_NOV_East_Alignments_11x17.mxd | Last Updated: 11.04.2015

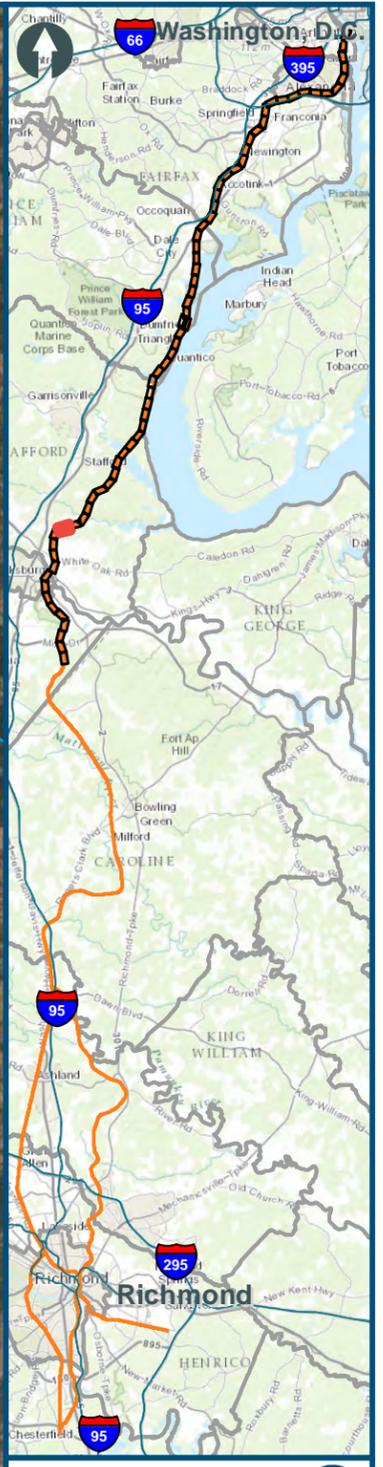
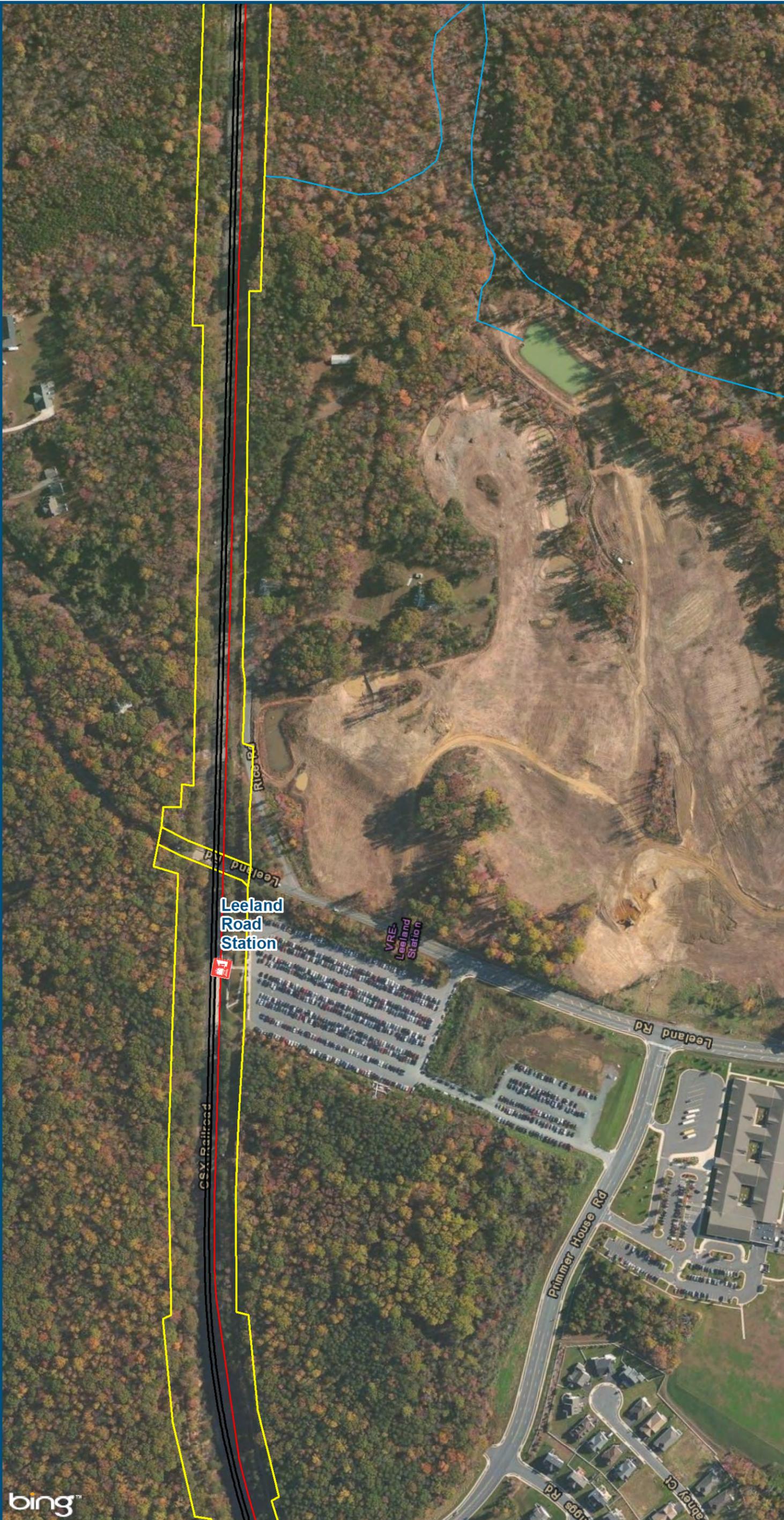


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure J-55
Northern Virginia
East
Alignment Option

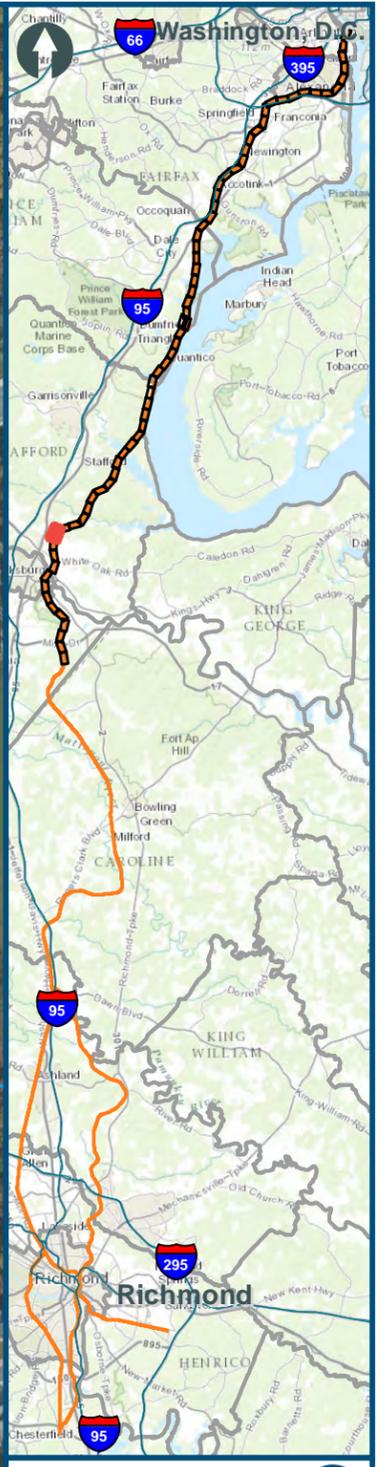
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- Legend**
- VRE Station
 - CSXT Mileposts
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-56
Northern Virginia
East
Alignment Option

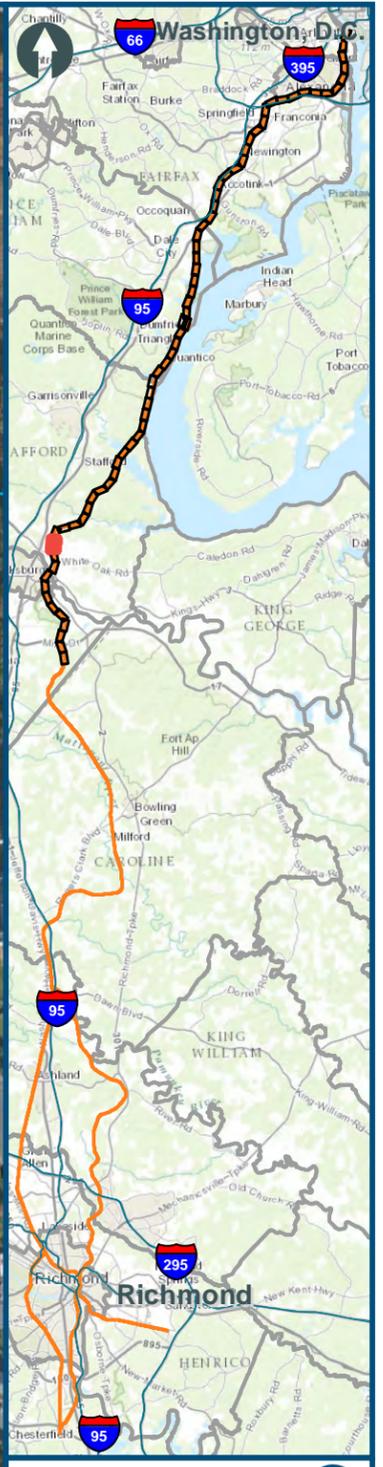
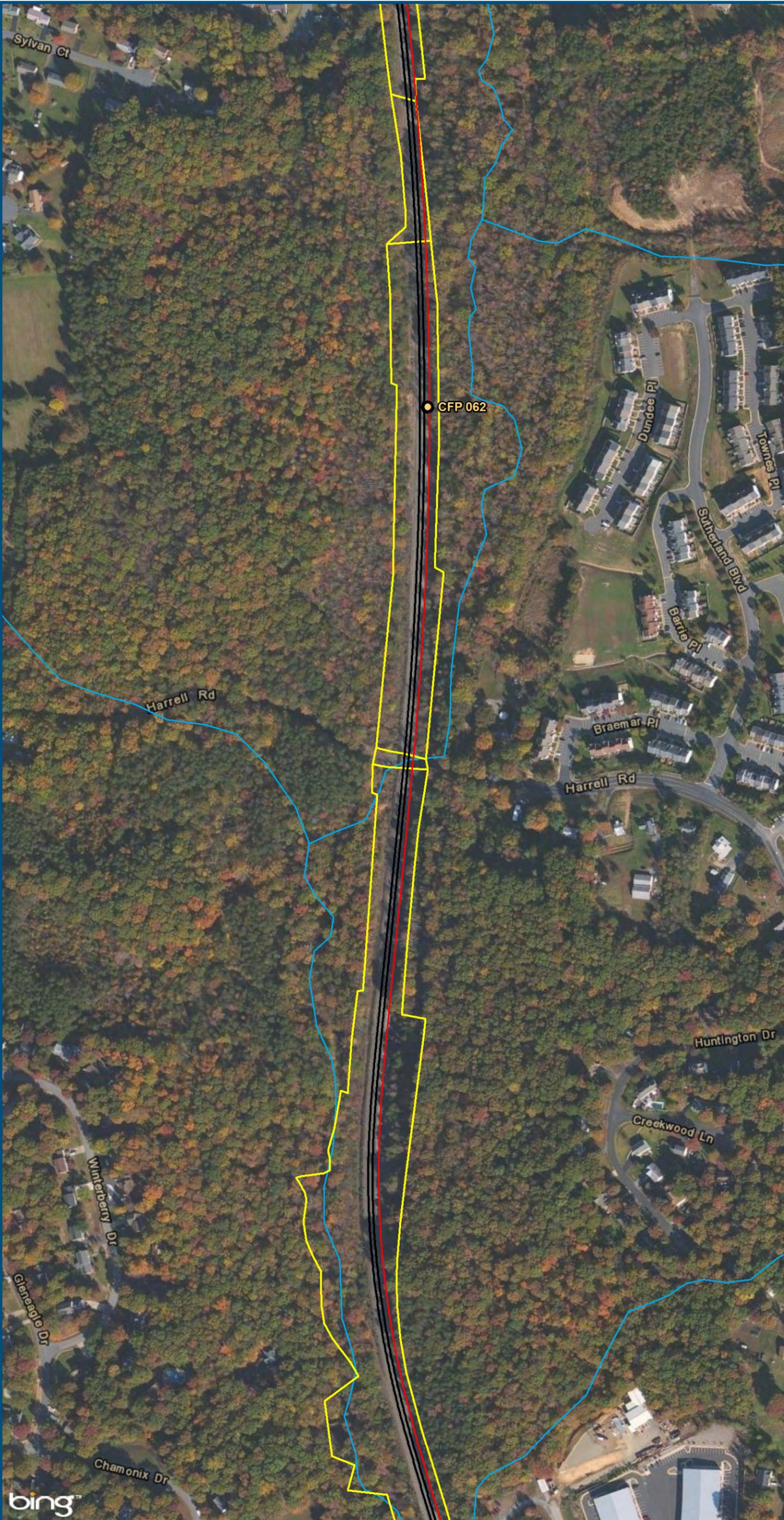
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- Legend**
- CSXT Mileposts
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-57
Northern Virginia
East
Alignment Option

\\dlismain\GIS_DATA\GIS\Projects\011545_VA\DeptofRails-PublicTransportation\0239056_RAPS-4\AIDev-Concept\Eng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Cht6_Appendices_NOV_East_Alignments_11x17.mxd | Last Updated: 11.04.2015

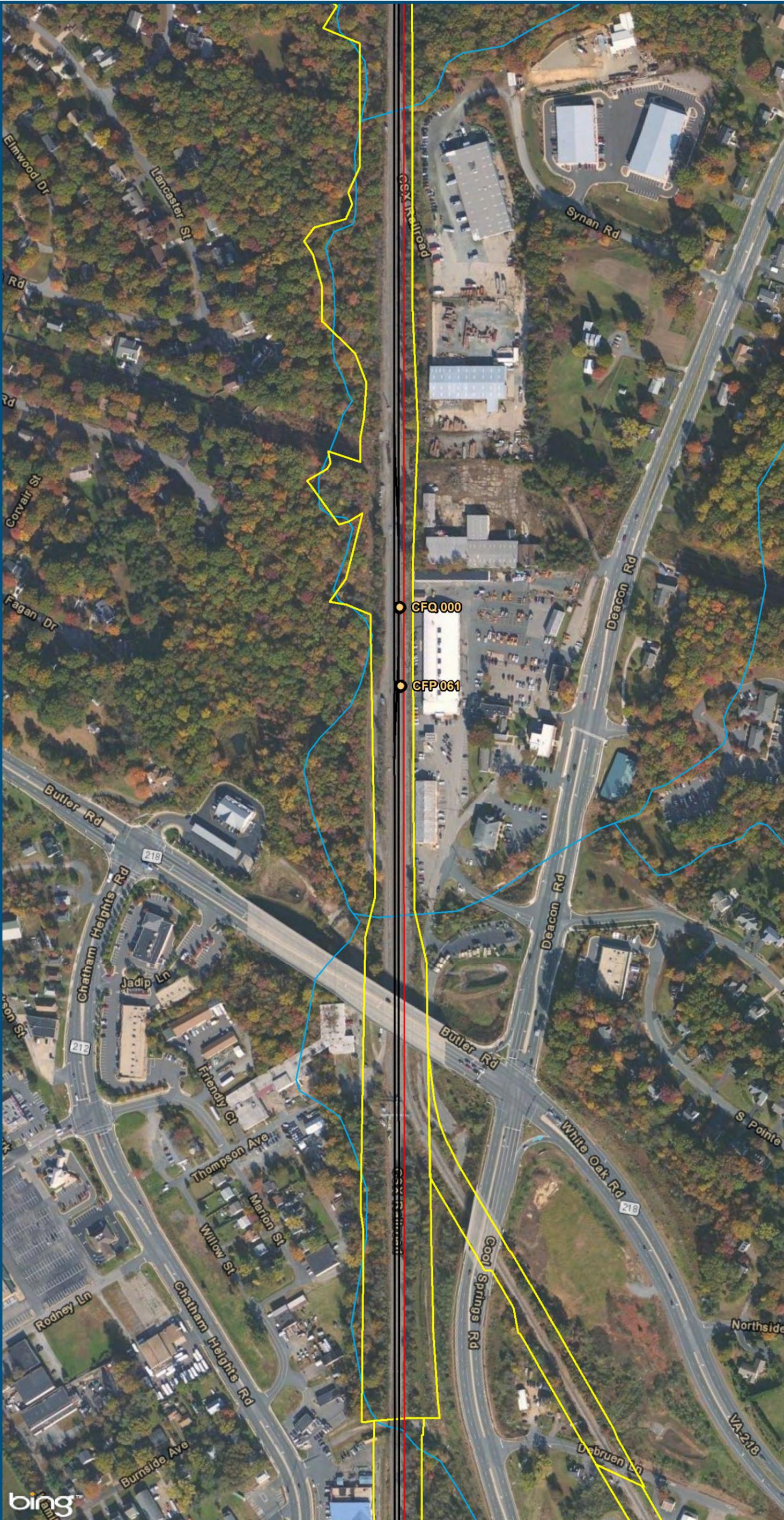


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure J-58
Northern Virginia
East
Alignment Option

\\dlismain\GIS_DATA\GIS\Projects\011545_VA\DeptofRails-PublicTransportation\0239056_RAPS-4\AIDev-ConceptEng\map_docs\mxd\Ait_Tech_Report\DC2RVA_Ch6_Appendices_NOV_East_Alignments_11x17.mxd | Last Updated: 11.04.2015



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

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

Figure J-59
Northern Virginia
East
Alignment Option

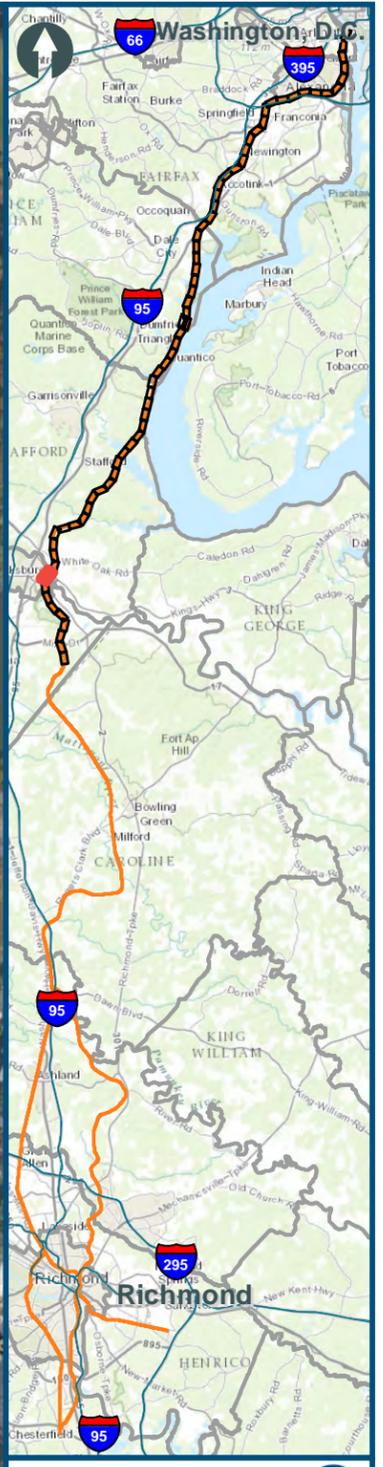
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- Legend**
- CSXT Mileposts
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-60
Northern Virginia
East
Alignment Option

\\dlismain\GIS_DATA\GIS\Projects\11545_VA\DeptofRails-PublicTransportation\0239056_RAPS-4AIDev-ConceptEng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Ch6_Appendices_NOV_East_Alignments_11x17.mxd | Last Updated: 11.04.2015



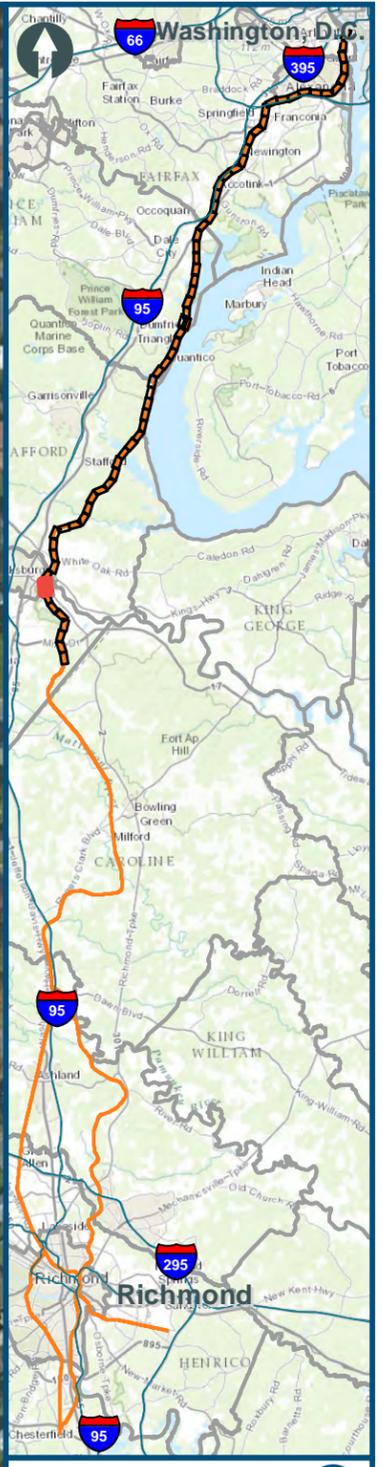
0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

Legend

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

Figure J-61
Northern Virginia
East
Alignment Option

\\dlismain\GIS_DATA\GIS\Projects\011545_VA\DeptofRails-PublicTransportation\0239056_RAPS-4\AIDev-ConceptEng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Chr6_Appendices_NOV_East_Alignments_11x17.mxd | Last Updated: 11.04.2015

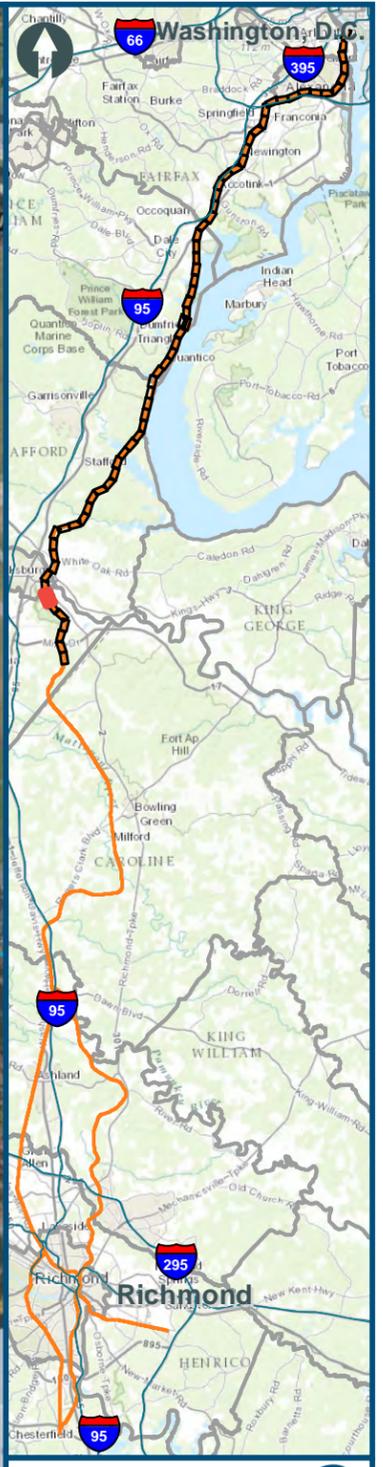


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure J-62
Northern Virginia
East
Alignment Option

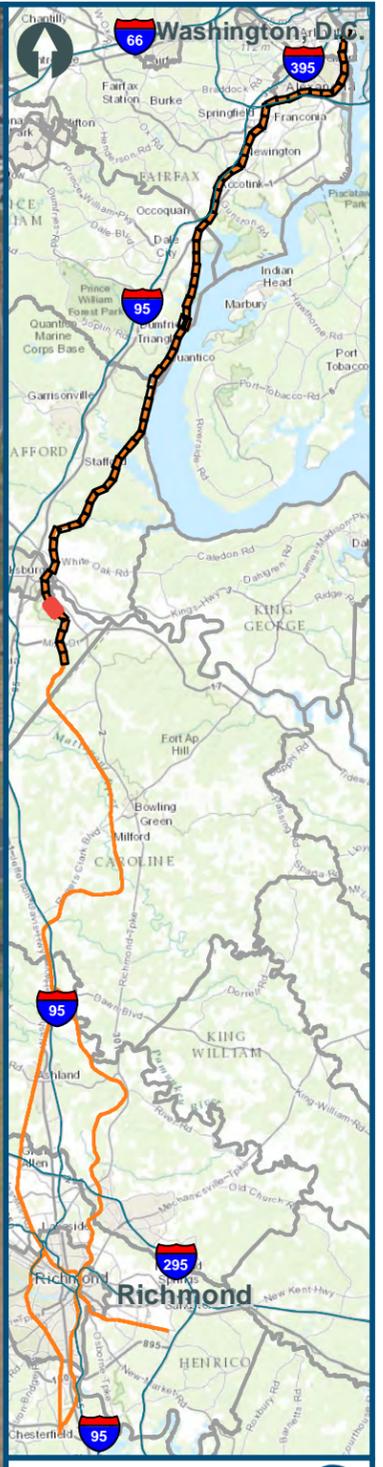
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- Legend**
- CSXT Mileposts
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-63
Northern Virginia
East
Alignment Option

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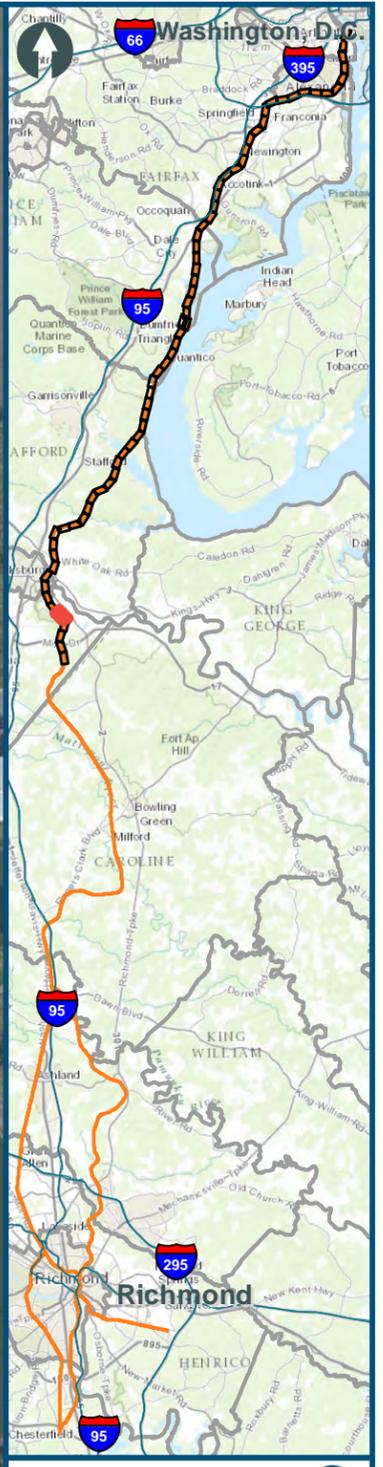


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure J-64
Northern Virginia
East
Alignment Option

\\dlismain\GIS_DATA\GIS\Projects\011545_VA\DeptofRails-PublicTransportation\0239056_RAPS-4\AIDev-ConceptEng\map_docs\mxd\Alt_Tech_Report\DC2RVA_Chr6_Appendices_NOV_East_Alignments_11x17.mxd | Last Updated: 11.04.2015

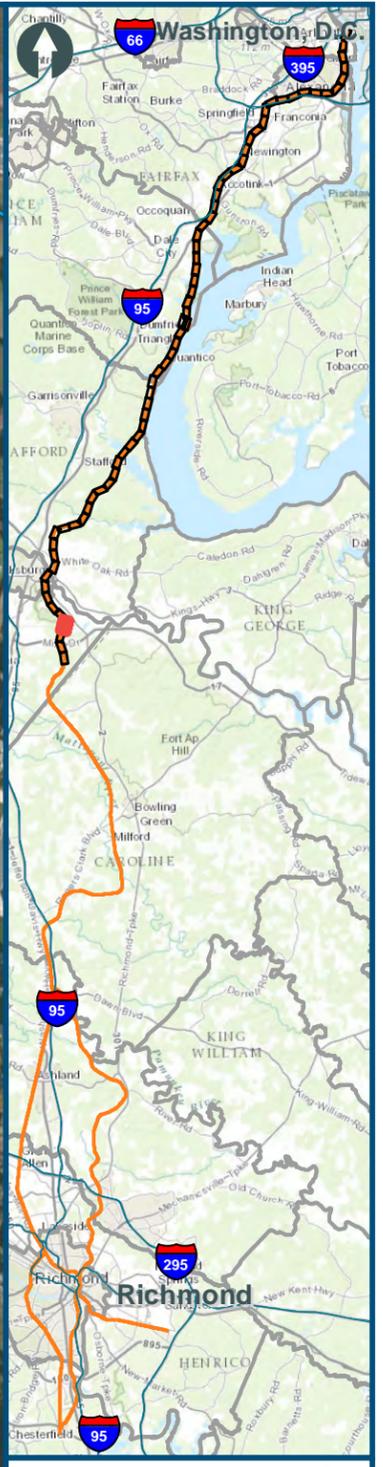


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure J-65
Northern Virginia
East
Alignment Option

\\dlismain\GIS_DATA\GIS\Projects\011545_VA\DeptofRails-PublicTransportation\0239056_RAPS-4\AIDev-ConceptEngin\map_docs\mxd\Alt_Tech_Report\DC2RVA_Chr6_Appendices_NOV_East_Alignments_11x17.mxd | Last Updated: 11.11.2015

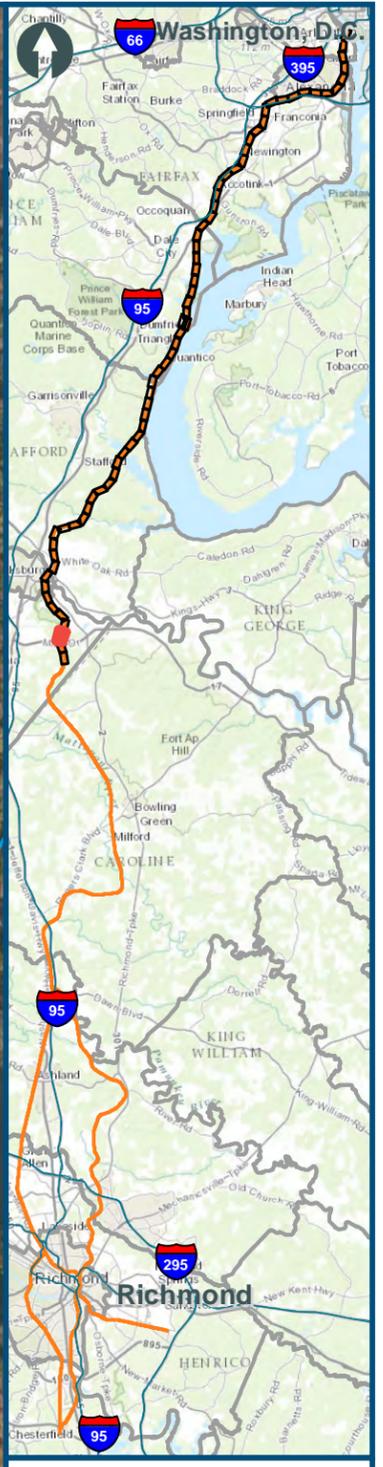


0 150 300
Feet
1 inch = 300 feet
@ 11 x 17 inches
Projection: Lambert Conformal Conic
State Plane Virginia North FIPS 4501 Feet
North American Datum of 1983
Imagery: Bing Map Aerial

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

Figure J-66
Northern Virginia
East
Alignment Option

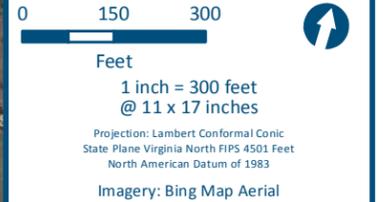
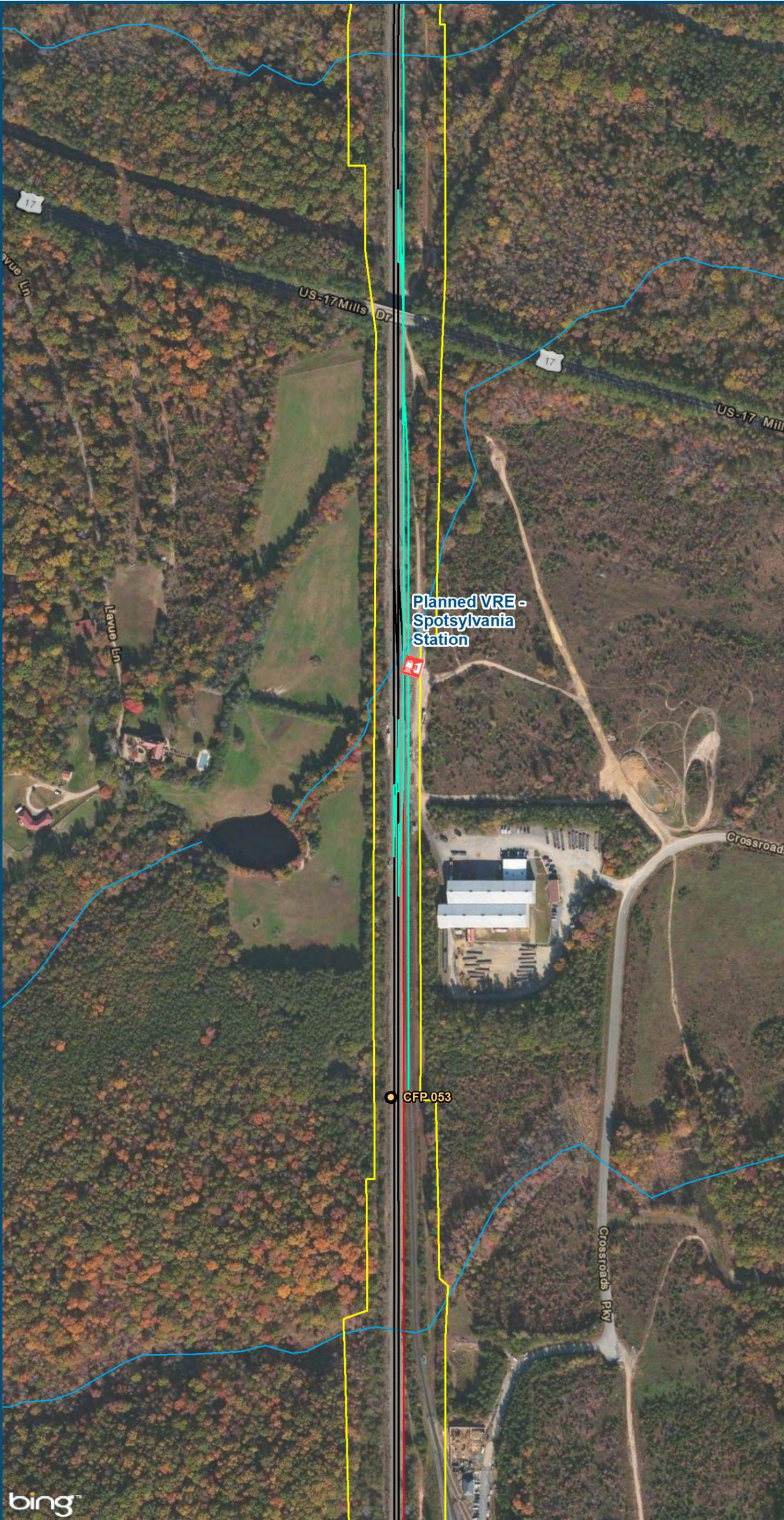
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- Legend**
- CSXT Mileposts
 - Third Track Under Construction by CSXT
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-67
Northern Virginia
East
Alignment Option

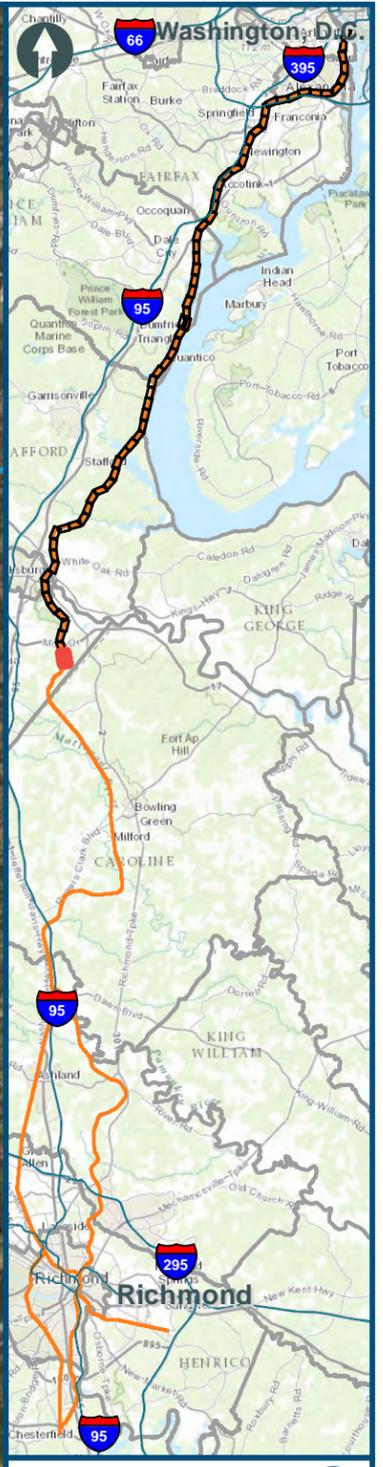
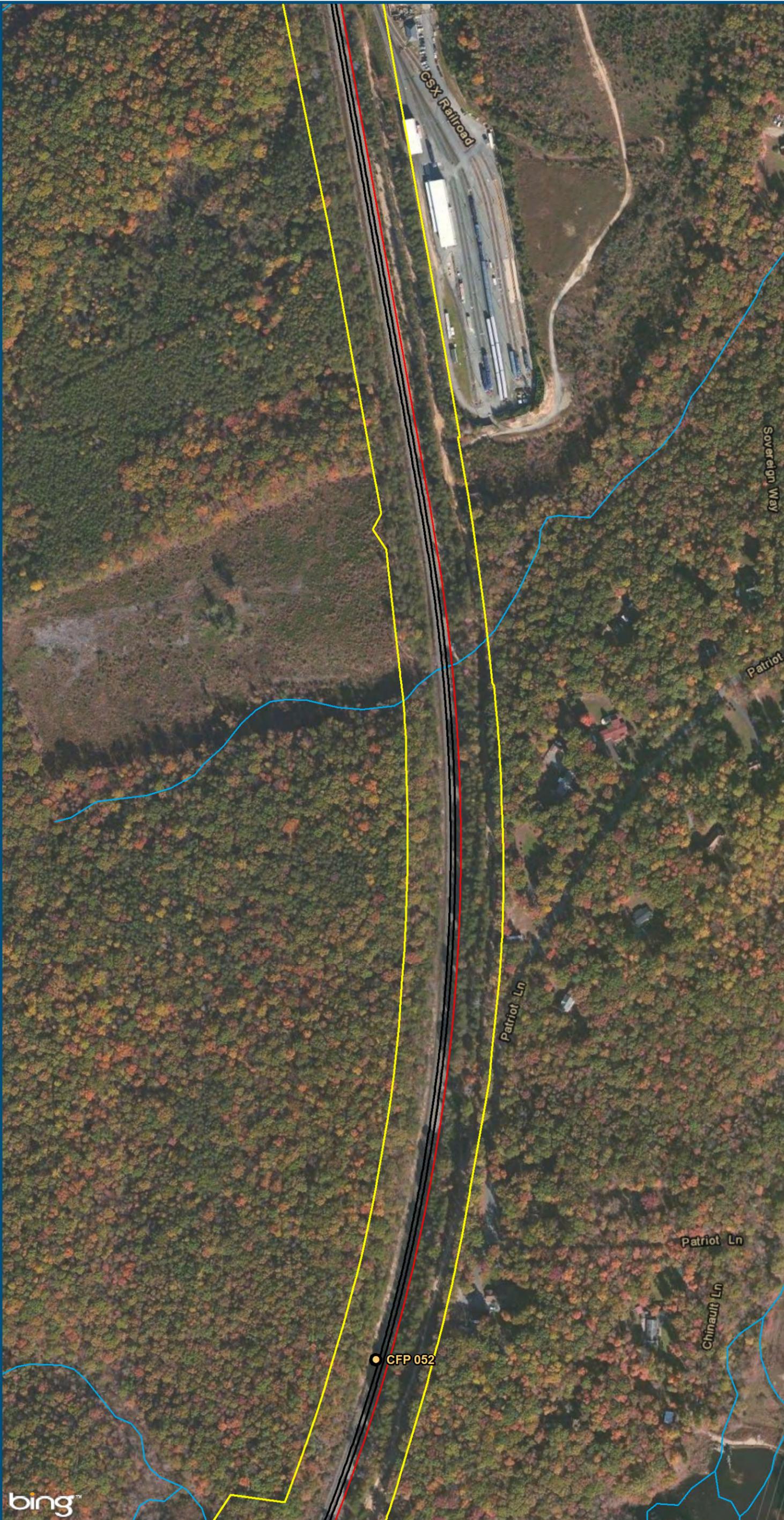
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- Legend**
- VRE Station
 - CSXT Mileposts
 - Third Track Under Construction by CSXT
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-68
Northern Virginia
East
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
 - Existing Track
 - New Track
 - Shifted Track
 - CSXT Right-of-Way
 - Streams

Figure J-69
Northern Virginia
East
Alignment Option