

APPENDIX L

PREFERRED ALTERNATIVE MAPBOOK



D.C. TO RICHMOND SOUTHEAST HIGH SPEED RAIL

Appendix L

PREFERRED ALTERNATIVE MAPBOOK

This appendix provides a detailed mapbook of the Preferred Alternative for the 123-mile Project corridor, including permanent and temporary limits of disturbance (LOD) from which the environmental impacts were evaluated, as described in Chapter 4 of the Final Environmental Impact Statement (EIS). The LOD is defined as the boundary within which all construction, materials storage, grading, landscaping, and related activities will occur. The permanent LOD include all areas where Project infrastructure will physically replace existing conditions and will not be restored after completion of construction. Temporary LOD are areas required for construction of the Preferred Alternative, such as for construction access or staging and storage of equipment, that will temporarily modify the existing conditions, but will be restored after completion of construction. In general for the Preferred Alternative, permanent LOD are 0 to 40 feet outside of the existing CSXT railroad right-of-way, with a maximum offset of 650 feet for station improvements. Temporary LOD are generally 10 to 15 feet outside of the permanent LOD, with a maximum offset of 50 feet.

This appendix presents the same elements as the mapbooks from Appendices C through H of the Draft EIS for the 23 Build Alternatives, but reflects the LOD of the Preferred Alternative, including any changes to the proposed design components between the Draft and Final EIS. The LOD changes are the result of design refinements that were made subsequent to publication of the Draft EIS in response to public and agency comments on the Draft EIS or from refined data (i.e., new data and/or changes to the data that were previously available).

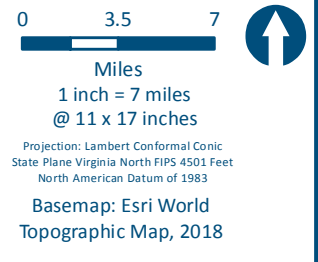
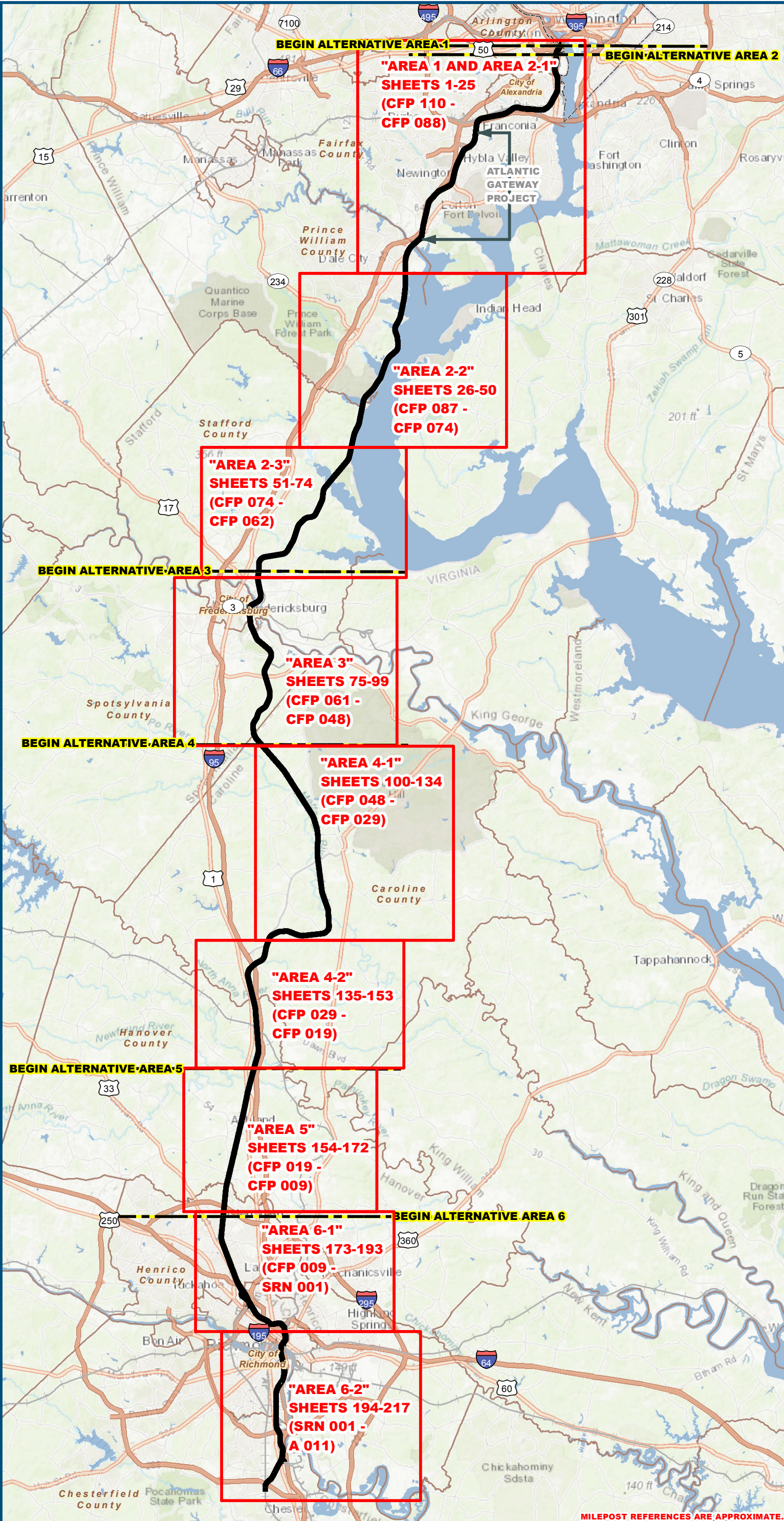
The Preferred Alternative is based on conceptual engineering, which is approximately a 10 percent level of design and is appropriate for decisions to be made during the National Environmental Policy Act (NEPA) process. The conceptual engineering will be further refined during future design phases of the Project (refer to Chapter 7 of the Final EIS for details).

The mapbook is created at a scale of 1 inch equal to 200 feet when printed at tabloid size (11 by 17). The basemap aerial imagery for the Project corridor is from the “Most Recent Imagery” service provided by the Virginia Geographic Information Network (VGIN) Virginia Base Mapping Program (VBMP), dating between 2015 and 2017.

The following components are included within this mapbook appendix:

- Permanent Limits of Disturbance (LOD)
- Temporary (Construction) Limits of Disturbance (LOD)
- Jurisdictional Boundaries
- Parcel Boundaries, from County/City Parcel Data

- CSXT Right-of-Way, from County/City Parcel Data
- CSXT Mileposts
- CSXT Control Points and Interlockings
- Existing Track
- Proposed Track
- Improve Existing Tracks to Increase Speeds
- Track Proposed by Others
- Track to be Removed
- Proposed Crossovers/Turnouts
- Crossover/Turnouts Proposed by Others
- Crossover/Turnouts to be Removed
- Proposed Retaining Walls
- Retaining Walls Proposed by Others
- Proposed Bridges
- Bridges Proposed by Others
- Proposed Roadway Improvements, including Edge of Pavement and Roadway Centerlines
- Symbols indicating Proposed Crossing Improvements at Existing At-Grade Crossings: Closure, Grade Separate, Four Quad Gates, Median Treatment, or Locking Gates
- Proposed Stormwater Management Facilities
- Proposed Drainage Culvert Crossings
- Station Locations
- Existing Station Platforms
- Proposed Station Platforms
- Station Platforms Proposed by Others
- Proposed Station Buildings/Structures



- Legend**
- Preferred Alternative Project Corridor
 - Alternative Area Match Lines
 - City/County Boundaries
 - Mapbook Set Reference

Preferred Alternative Mapbook Overview

March 2019

MILEPOST REFERENCES ARE APPROXIMATE.

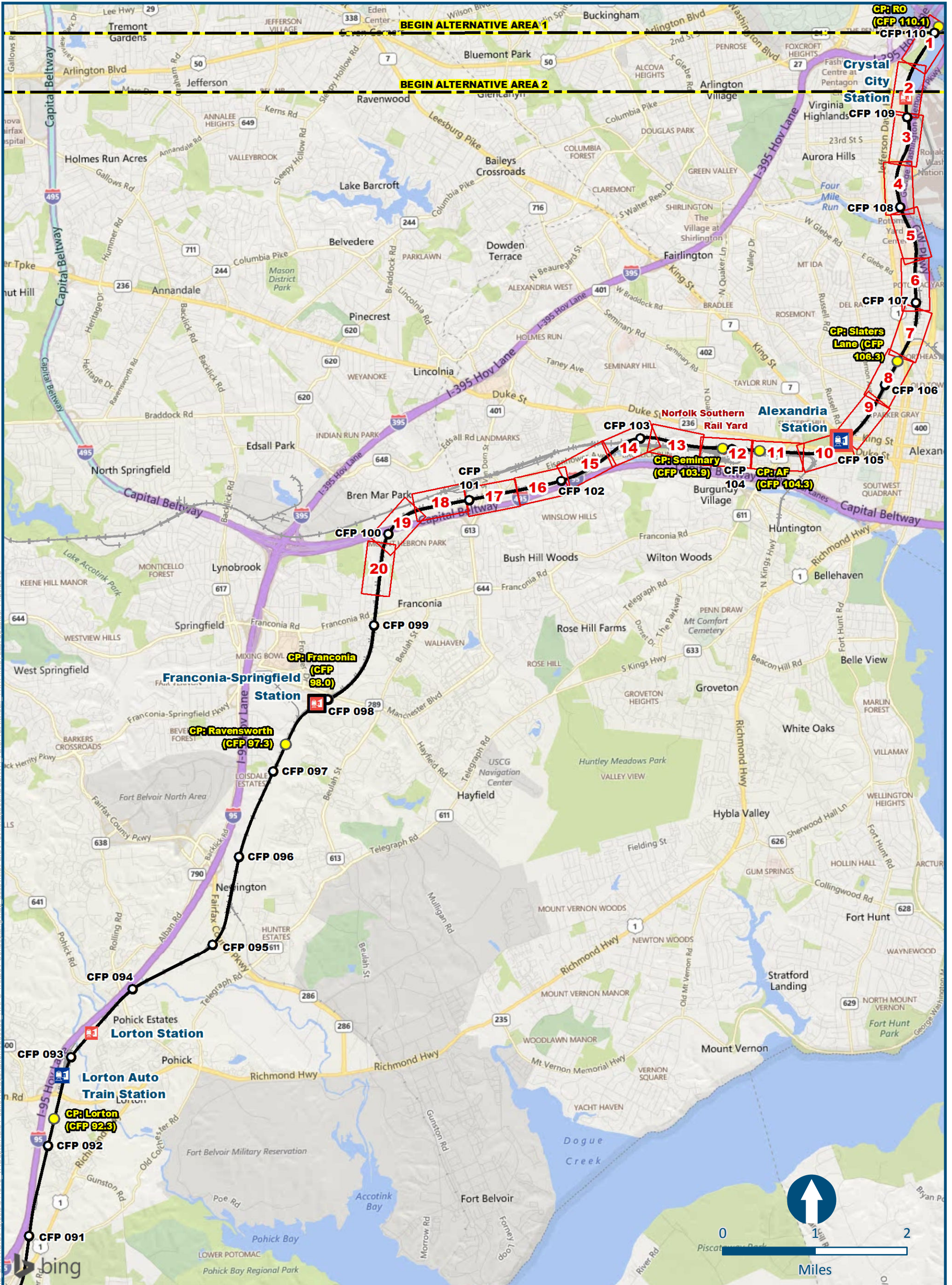
\\dismain\GIS_DATA\GIS\Projects\011545_VA Dept of Rail\PublicTransportation\0239056_RAPS-4\Dev-Concept\Eng\map_docs\mxd\FEIS\PrefAlt\Mapbook\DC2RVA_FEIS_MapbookIndex_11x17.mxd | Last Updated: 03.11.2019



www.DC2RVArail.com

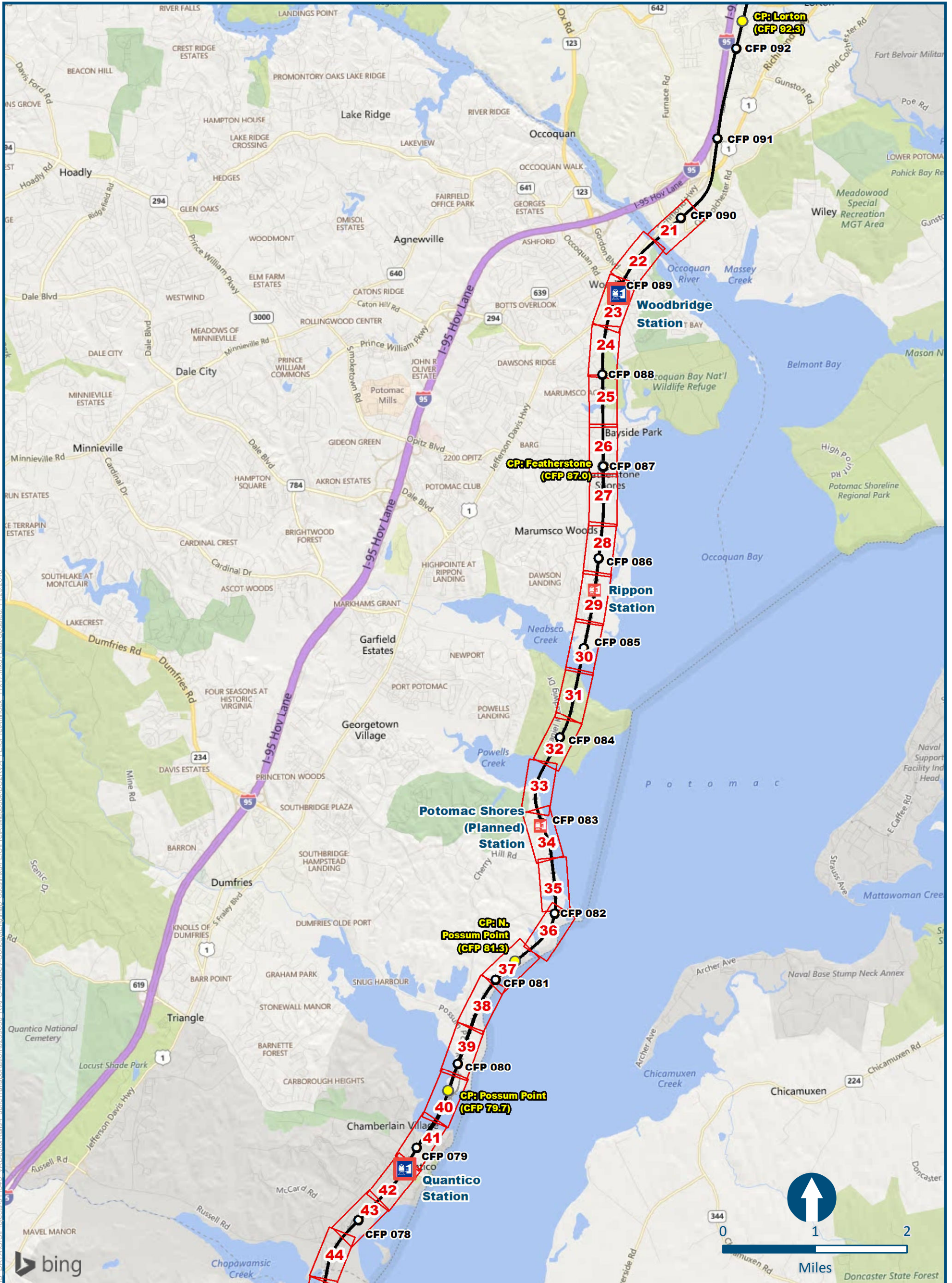


Preferred Alternative Mapbook Index Sheet 1 of 9

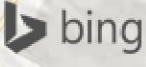


I:\GIS\Projects\011545_VA Dept of Rail\Public Transportation\02209056_RAPS-AltDev-Concept\Eng\map_docs\mxd\FEIS\PreAltMapbook\DC2RVA_FEIS\PreAltIndex_11x17.mxd | Last Updated: 11/29/2018

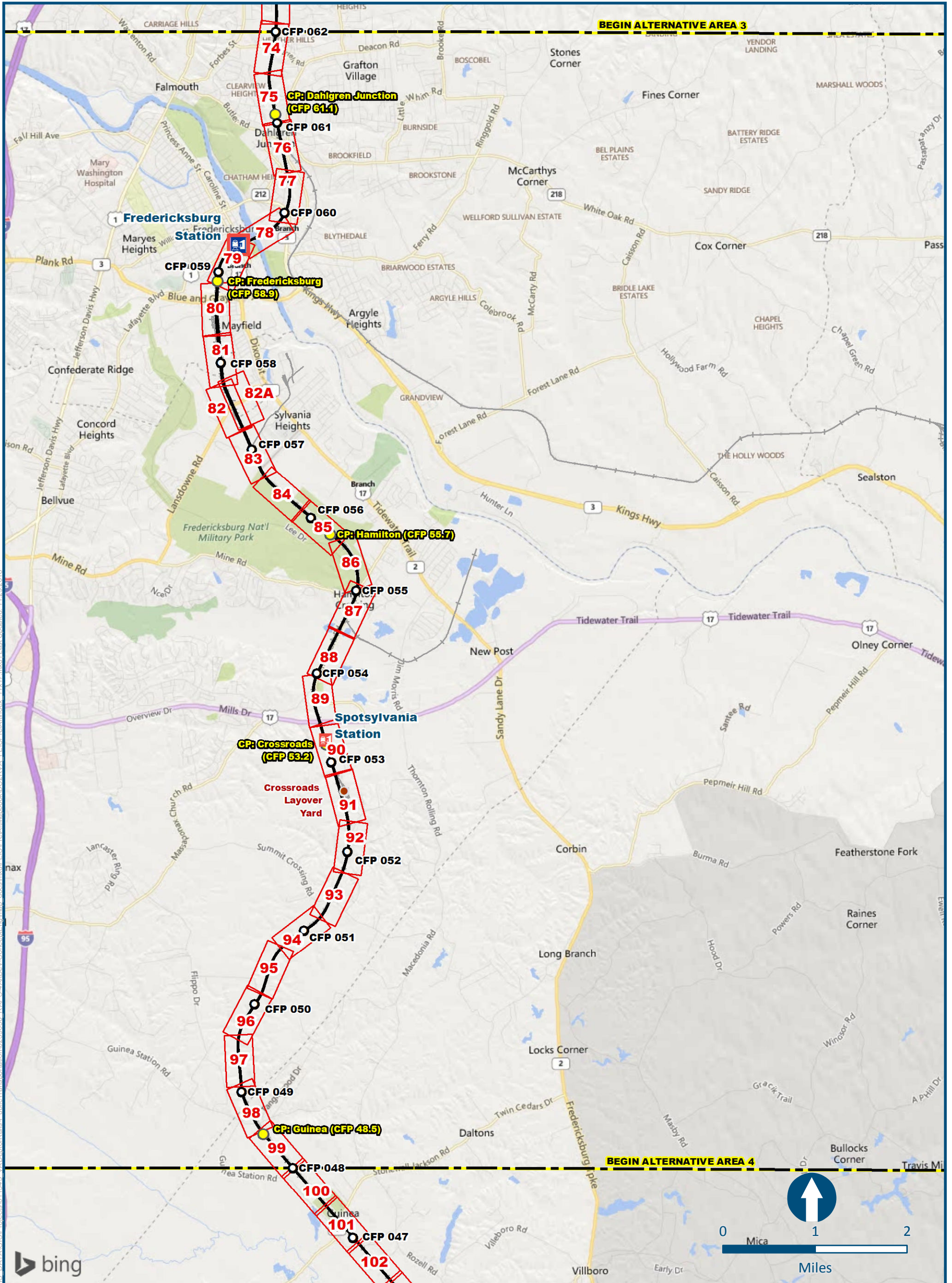
Preferred Alternative Mapbook Index Sheet 2 of 9



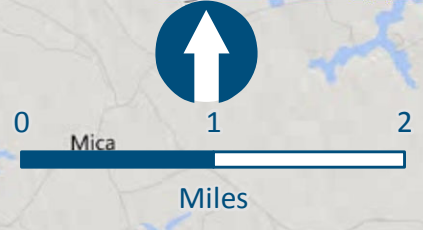
\\ellsmain\GIS - DATA\GIS\Projects\011645 - VA Dept of Rail - Public Transportation\0229056 - RAPS-4\MapDev-Concept\Eng\map_docs\mxd\FEIS\PreAltMapbook\DC2RVA_FEIS\PreAltIndex_11x17.mxd | Last Updated: 11/29/2018



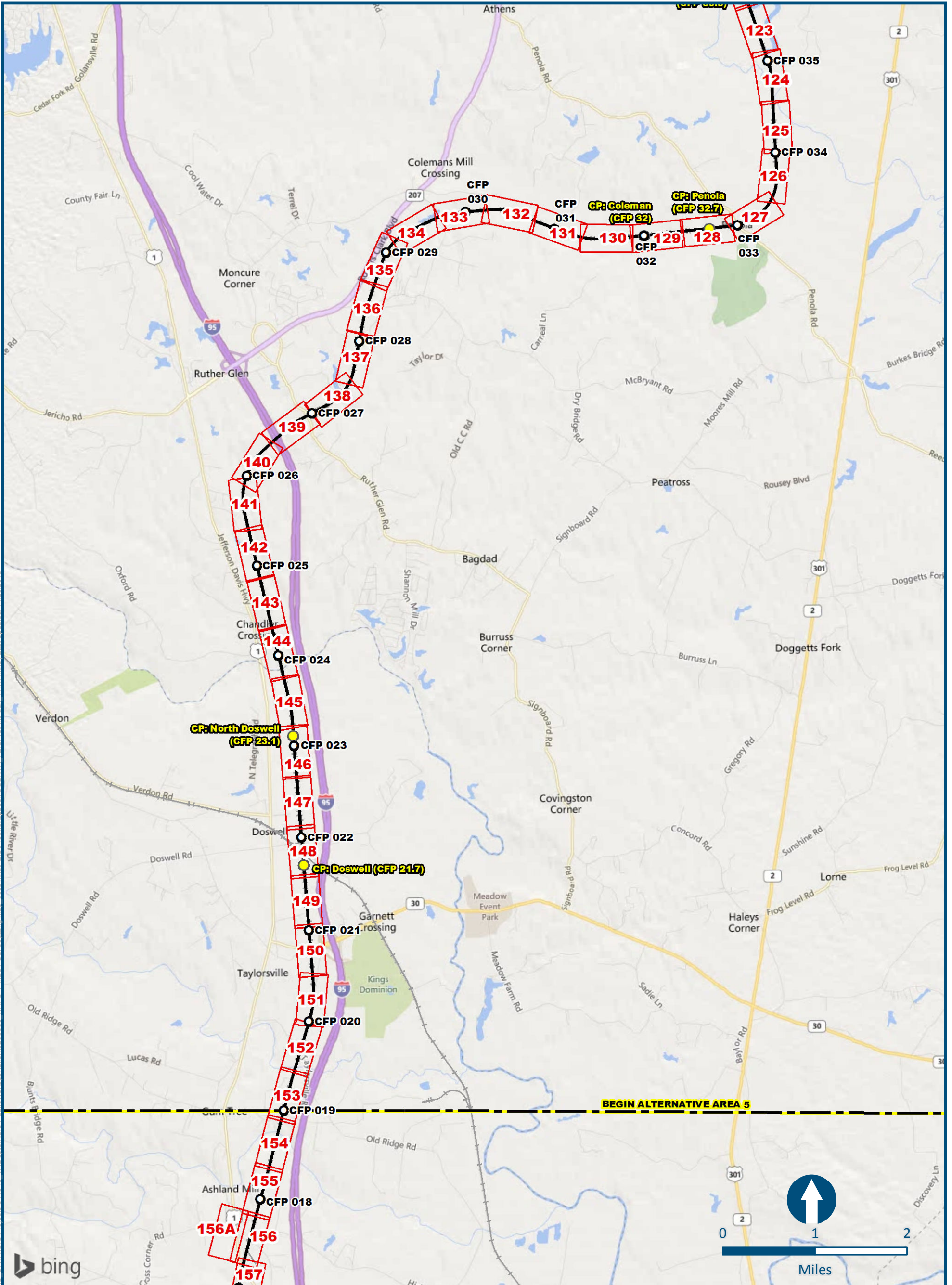
Preferred Alternative Mapbook Index Sheet 4 of 9



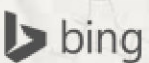
I:\GIS\Projects\011645_VA Dept of Rail\Public Transportation\0230056_RAPS-4\MapDev-Concept\EngMap_doss\mxd\FEIS\PrefAltMapbook\DC2RVA_FEIS\PrefAltIndex_11x17.mxd | Last Updated: 11/20/2018



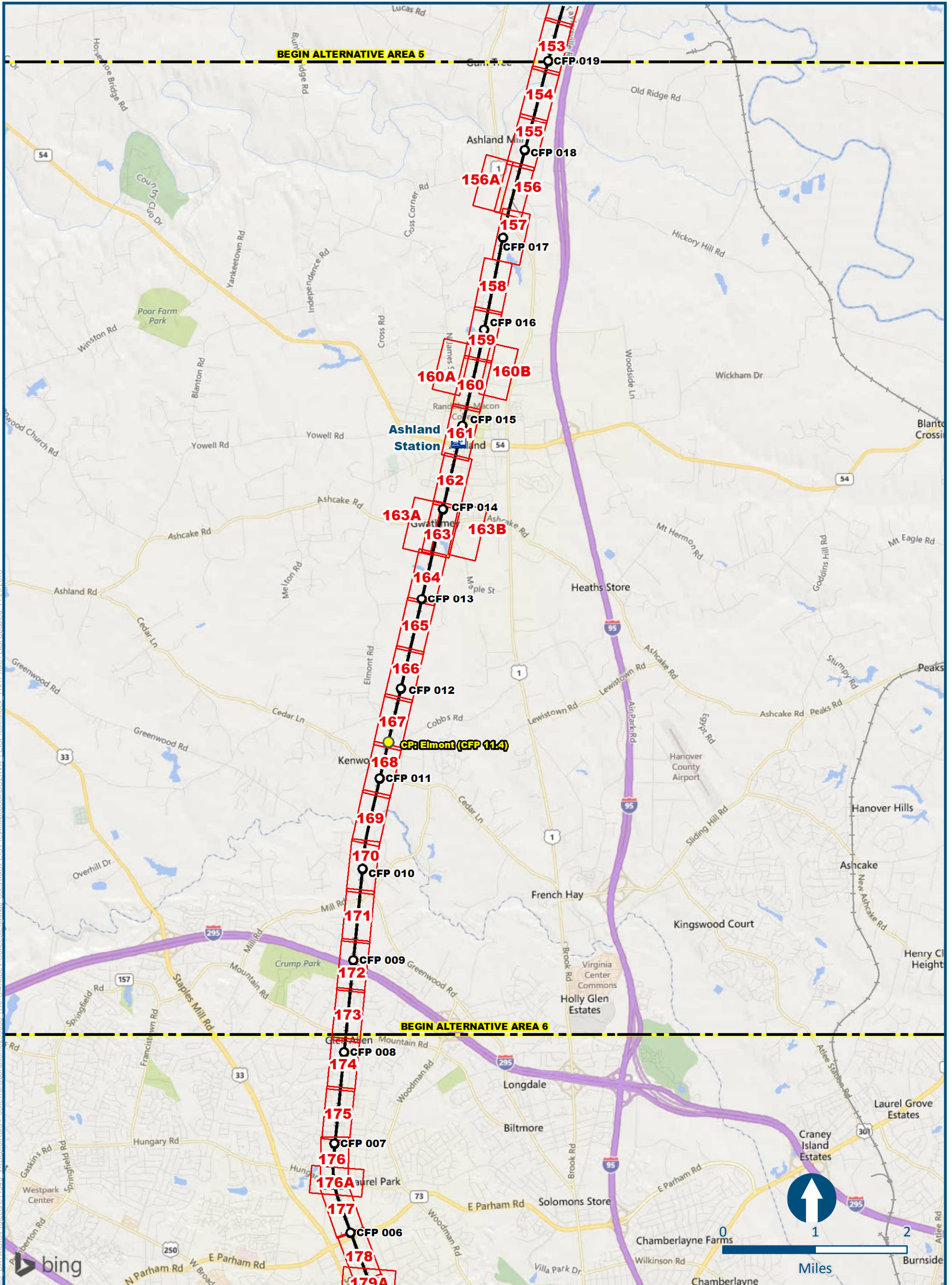
Preferred Alternative Mapbook Index Sheet 6 of 9



I:\delmain\GIS_DATA\GIS\Projects\011645_VA Dept of Rail - Public Transportation\0230056_RAPS-AltDev-Concept\Eng\map_docs\mxd\FEIS\PreAltMapbook\DC2RVA_FEIS\PreAltIndex_11x17.mxd | Last Updated: 11/29/2018



Preferred Alternative Mapbook Index Sheet 7 of 9



I:\delmain\GIS - DATA\GIS\Projects\011645_VA Dept of Rail - Public Transportation\0220056_RAPS-AltDev-Concept\Eng\map_docs\mxd\FEIS\PreAltMapbook\DC2RVA_FEIS\PreAltIndex_11x17.mxd | Last Updated: 11/20/2018

