

# APPENDIX A

## ERRATA TABLE FOR THE DRAFT EIS



D.C. TO RICHMOND SOUTHEAST HIGH SPEED RAIL

# Appendix A

## ERRATA TABLE FOR THE DRAFT EIS

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Pursuant to Section 1304 of the FAST Act “Efficient Environmental Reviews for Project Decision Making” and Section 1319 of MAP-21 “Accelerated Decision-making in Environmental Reviews,” this appendix provides an errata table for the Draft EIS in lieu of rewriting the Draft EIS documentation in its entirety.

As explained in Section 1.1, the Final EIS is presented in a condensed document format to allow the reader to readily focus on the reasons for selecting the Preferred Alternative and its potential environmental impacts and avoidance/mitigation measures. To avoid duplication with the Draft Environmental Impact Statement (EIS), the Final EIS does not re-inventory all data and analyses at the same level of detail as the Draft EIS and its technical appendices, such as re-documentation of all 23 Build Alternatives that were evaluated in the Draft EIS. Accordingly, the purpose of this errata table is to document factual corrections and/or minor clarifications to the portions of the September 2017 Draft EIS that were not fully re-issued as part of the Final EIS, including:

- Draft EIS Executive Summary
- Draft EIS Chapter 1 - Purpose and Need
- Draft EIS Chapter 2 - Alternatives
- Draft EIS Chapter 3 - Affected Environment
- Draft EIS Chapter 4 - Environmental Consequences
- Draft EIS Chapter 6 - Public Involvement and Agency Coordination
- Draft EIS Chapter 7 - DRPT Recommended Preferred Alternative
- Draft EIS Chapter 8 - Distribution of Draft EIS
- Draft EIS Chapter 12 - References

The corrections and clarifications in the errata do not affect the selection of the Preferred Alternative. The factual corrections, minor clarifications, and/or updates that are itemized within this errata table were identified from agency and public comments as well as ongoing coordination and documentation that has occurred since the publication of the Draft EIS.

Detailed responses to agency and public comments are provided in Appendices B and C, respectively, and any modifications as a result of substantive comments are incorporated into the appropriate chapters of the Final EIS, and are not part of this errata table. The errata table does not include the Draft EIS technical appendices.

The following pages present the errata table by chapter of the Draft EIS, as listed on the previous page. Each errata entry includes reference to relevant page, table, and/or figure numbers from the Draft EIS<sup>1</sup>, included herein by reference, and presents the original text followed by the revised or replacement text, which is underlined for quick identification. Figures and/or tables that are republished due to changes in data (as referenced in the table) are presented after the table at the end of this appendix.

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<sup>1</sup> The Draft EIS is available on the Project website: <http://dc2rvarail.com/draft/>

DEIS Page #	Section/Table/Figure	Original Text	Revised Text (Note: New and/or revised text is underlined in this column)
Draft EIS Executive Summary			
3	I. Project Overview	Last paragraph. "Because the DC2RVA Project corridor is shared corridor..."	Replace with: "Because the DC2RVA Project corridor is <u>a</u> shared corridor..."
64	Area 6: Preferred Alternative	First paragraph. "Interstate Corridor (SEHSR) and Northeast Regional (SEHSR and Virginia) to Norfolk passenger trains moving north-south through Richmond would be routed from Staples Mill Road Station to the west side of Main Street Station and then to Centralia using the S-Line. Interstate Corridor (Carolinian) and Long Distance passenger trains would be routed through Staples Mill Road Station to Centralia using the A-Line, bypassing Main Street Station. One Northeast Regional (SEHSR) round trip would terminate at Main Street Station."	Replace with: " <u>All Long-Distance, Interstate Corridor, and Northeast Regional passenger trains moving north-south through Richmond would be routed through Staples Mill Road Station to the west side of Main Street Station and then to Centralia using the S-Line. The Northeast Regional service to Newport News would continue to use the east side of Main Street Station on the Peninsula Subdivision line.</u> "
Draft EIS Chapter 1 – Purpose and Need			
1-25	Section 1.5.2.7	End of first paragraph. "The cities of Alexandria, Fairfax, Falls Church, Manassas and Manassas Park, and the counties of Arlington, Fairfax, Loudoun, and Prince William are currently nonattainment areas for the 2008 8-hour ozone standard."	Replace with: "The cities of Alexandria, Fairfax, Falls Church, Manassas and Manassas Park, and the counties of Arlington, Fairfax, Loudoun, and Prince William are currently <u>part of the Washington, DC-MD-VA marginal nonattainment areas for the 2008 8-hour ozone standard based on the EPA's Green Book.</u> "
Draft EIS Chapter 2 – Alternatives			
2-20	Table 2.3-3	First bullet. "Avoid, reduce, or mitigate impacts to sensitive human, natural and physical environmental resources."	Replace with: "Avoid, reduce, or mitigate impacts to sensitive human, <u>cultural</u> , natural, and physical environmental resources."
2-23	Section 2.3.3.1	Top of page. "DRPT recognizes there is a trade-off between meeting the Project's Purpose and Need and impacts to human and natural resources."	Replace with: " DRPT recognizes there is a trade-off between the Project's <u>benefits</u> and the <u>Project's</u> impacts to human, <u>cultural</u> , natural, and <u>physical environmental</u> resources."
2-34	Table 2.4-3	Row 1, column 2. "Caroline County/Area 4: Central Virginia"	Replace with: " <u>Town of Ashland/Area 5: Ashland</u> "
2-44	Table 2.5-1	[End of "Rail" section of table, below VRE Potomac Shores Station]	Add new rows for: " <u>VRE Crystal City Station improvements</u> " and " <u>VRE L'Enfant Station improvements</u> "
2-47	Section 2.5.1.1	Third bullet. "VRE will also improve the tunnel connecting the island platform to the main station for ADA accessibility."	Replace with: "VRE proposes to also <u>build a new ADA-compliant tunnel connecting the station to the island platform, with a potential extension of the tunnel to connect to the King Street Metro station.</u> "
2-55	Section 2.5.2.2	First line. "...extends from the Crystal City station in Arlington County..."	Replace with: "...extends from the <u>VRE</u> Crystal City station in Arlington County..."
2-121	Table 2.6-2	Row 11 (6F): "No Service   No Service   2:29   2:25   No Service   No Service" Row 13 (6G): "2:15   2:13   2:21   2:18   No Service   No Service"	The data in Row 11 and 13 were switched in the Draft EIS. Replace with: Row 11 (6F): "2:15   2:13   2:21   2:18   No Service   No Service" Row 13 (6G): "No Service   No Service   2:29   2:25   No Service   No Service"
2-125	Figure 2.8-1	[Figure included a remnant watermark indicating "DRAFT"]	Remove "DRAFT" watermark. [Note that this figure is not re-issued in this errata table, as the figure content remains unchanged.]
2-125	Section 2.8	Two paragraphs under Rail Construction. "The proposed track structure is ballasted track to be constructed on a prepared track bed. As the earthwork is completed, a sub-ballast layer would be constructed with aggregates hauled from the local quarries and from contractor's stockpiles. The sub-ballast would be graded, rolled, and compacted to establish a solid base. Following placement of the sub-ballast, an 8-inch layer of ballast would be placed as the final layer. This new surface is called a track bed. Once the track bed is in place, railroad ties (wood or concrete) would be placed and the continuous welded rail (CWR) fastened and anchored in place. As placement of the ties and CWR can disturb the ballast, tamping and lining track would be done to finish the installation.  In addition to new main track construction, construction would also involve shifting the existing track alignment. The track shifts would utilize existing rail and track bed if possible. In areas where existing rail and track bed are not feasible to use, additional grading and installation of new track bed would occur, followed by tamping and lining the track to finish."	Replace with: "The proposed track structure is ballasted track to be constructed on a prepared track bed. As the earthwork is completed, a sub-ballast layer <u>will</u> be constructed with aggregates hauled from local quarries <u>and/or</u> from contractor's stockpiles <u>of CSX approved aggregates</u> . The sub-ballast will be graded, rolled, and compacted to establish a solid base ( <u>track bed</u> ). Following placement, <u>testing and approval</u> of the sub-ballast, <u>railroad ties (wood or concrete) would be placed and the continuous welded rail (CWR) fastened and anchored to the ties. Once the track is in place, a 12-inch layer of ballast would be placed in "lifts" until there is 12 inches of ballast between the tie and the sub ballast. Tamping the ballast around and beneath the ties, and lining and surfacing the track, would finish the installation.</u>  In addition to new main track construction, construction would also involve shifting the existing track alignment. The track shifts would <u>use</u> the existing rail and track bed <u>where</u> possible. In areas where existing rail and track bed are not feasible to use, additional grading and installation of new track bed would occur <u>followed by installation of the new track and ballast including tamping, lining and surfacing to complete the installation.</u> "

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DEIS Page #	Section/Table/Figure	Original Text	Revised Text <i>(Note: New and/or revised text is underlined in this column)</i>
Draft EIS Chapter 3 – Affected Environment			
3-23	Section 3.1.7	Sixth paragraph. "The Project falls within SDWA Zone I (5-mile radius) for three public surface water supply intakes - Fairfax County Water Authority, Hanover Suburban Water System, and City of Richmond. Fairfax County Water Authority and City of Richmond water supplies are located upstream of the existing rail corridor."	Replace with: "The project falls within SDWA Zone I (5-mile radius) of <u>seven</u> public surface water supply intakes - Fairfax County Water Authority, <u>Quantico Marine Base Mainside, Stafford County Utilities, Spotsylvania County Utilities (2 intakes)</u> , Hanover Suburban Water System, and City of Richmond. <u>With the exception of the Hanover County Water System, the surface water supply intakes are located upstream of the existing rail corridor.</u> "
3-38	Section 3.6	End of first paragraph.	Add text to end of paragraph: " <u>These pollutants are summarized below along with air quality trends as monitored by the EPA (EPA, 2018).</u> "
3-38	Section 3.6	Second paragraph. "From 1980 to 2013, there was a 33 percent decrease..."	Replace with: "From 1980 to <u>2016</u> , there was a <u>31</u> percent decrease..."
3-38	Section 3.6	Third paragraph. "From 1980 to 2013, was a 58 percent decrease..."	Replace with: "From 1980 to <u>2016</u> , there was a <u>62</u> percent decrease..."
3-38	Section 3.6	Fourth paragraph. "From 1990 to 2013, there was a 34 percent decrease... From 2000 to 2013, there was a 34 percent decrease..."	Replace with: "From 1990 to <u>2016</u> , there was a <u>39</u> percent decrease... From 2000 to <u>2016</u> , there was a <u>44</u> percent decrease..."
3-38	Section 3.6	Fifth paragraph. "From 1980 to 2013, there was an 84 percent decrease..."	Replace with: "From 1980 to <u>2016</u> , there was an <u>85</u> percent decrease..."
3-40	Section 3.6.2	Second bullet. "The regulations for Determining Conformity of General Federal Actions of State or Federal Implementation Plans were published in the Federal Register on November 30, 1993. (...) On March 24, 2010, EPA revised the general conformity regulations to improve the process federal entities use to demonstrate that their actions will not contribute to a violation of an NAAQS. In Virginia, general conformity criteria and procedures are set forth in 9 Virginia Administrative Code (VAC) 5-10-20. In the District of Columbia, these criteria and procedures are set forth in 57 DCR 527."	Replace with: "The regulations for Determining Conformity of General Federal Actions of State or Federal Implementation Plans were published in the Federal Register on November 30, 1993 ( <u>58 FR 63214</u> ). (...) On March 24, 2010 ( <u>75 FR 14260</u> ), EPA revised the general conformity regulations to improve the process federal entities use to demonstrate that their actions will not contribute to a violation of a NAAQS. In Virginia, general conformity criteria and procedures are set forth in 9 Virginia Administrative Code (VAC) 5-10-20 <u>and 9VAC5-160</u> . In the District of Columbia, these criteria and procedures are set forth in <u>20-15 DCMR (January 8, 2010, 57 DCR 527)</u> ."
3-40	Section 3.6.3	First line. "In June 2004, as part of the Clean Air Nonroad Diesel Rule..."	Replace with: "On June <u>29</u> , 2004 ( <u>69 FR 38958</u> ), as part of the Clean Air Nonroad Diesel Rule..."
3-41	Section 3.6.4	First paragraph. "Effective 27, 2007, EPA adopted controls on mobile source air toxics (MSATS)...In June 2008, EPA published the final rule..."	Replace with: "Effective April 27, 2007, EPA adopted controls on mobile source air toxics (MSATS) ( <u>February 26, 2007, 72 FR 8428</u> ), ...On June <u>30</u> , 2008 ( <u>73 FR 37096</u> ), EPA published the final rule..."
3-41	Section 3.6.4	Second paragraph. "Locomotives and marine diesel engines..."	Replace with: " <u>According to EPA's June 30, 2008 final rule</u> , locomotives and marine diesel engines..."
3-41	Section 3.6.4	Third paragraph. "On a nationwide annual basis..."	Replace with: " <u>Based on EPA's final rule</u> , on a nationwide annual basis..."
3-41	Section 3.6.5.1	End of first paragraph.	Add to end of first paragraph: " <u>The EPA Green Book provides detailed information about area NAAQS designations, classifications, and nonattainment status.</u> "
3-42	Table 3.6-2	Footnote.	Add to footnote: " <u>Note: Arlington County, Alexandria, Fairfax County, and Prince William County are part of the Washington DC-MD-VA marginal nonattainment area based on the EPA's Green Book.</u> "
3-55	Section 3.9.2	Sensitive Resources.	Add: "Potomac Heritage National Scenic Trail" and "The Captain John Smith Chesapeake National Historic Trail"
3-57	Section 3.9.2.1	Area I: Arlington – VAU I-1: "Sensitive Resources 1. George Washington Memorial Parkway 2. Roaches Run Wildlife Sanctuary 3. Long Bridge Park"	Replace with: "Sensitive Resources ( <u>Owner</u> ) 1. George Washington Memorial Parkway ( <u>NPS</u> )/Potomac Heritage National Scenic Trail ( <u>NPS</u> ) 2. Roaches Run Wildlife Sanctuary ( <u>NPS</u> ) 3. Long Bridge Park ( <u>Arlington County</u> )"

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DEIS Page #	Section/Table/Figure	Original Text	Revised Text <i>(Note: New and/or revised text is underlined in this column)</i>
3-58	Section 3.9.2.2	Area 2: Northern Virginia – VAU 2-1 “Sensitive Resources 1. Crystal Park North 2. Crystal City Water Park 3. Crystal City Courtyard Green 4. Crystal City Children’s Park 5. Four Mile Run 6. George Washington Memorial Parkway 7. Potomac Greens Park 8. Potomac Yard Park 9. Daingerfield Island Park 10. Metro Linear Park 11. Hooff’s Run Park and Greenway 12. Sunset Mini Park 13. Dog Run Park at Carlyle 14. Cameron Run Regional Park 15. Clermont Natural Park 16. Hensley Park 17. Backlick Stream Valley Park”	Replace with: “Sensitive Resources ( <u>Owner</u> ) 1. Crystal Park North ( <u>Private</u> ) 2. Crystal City Water Park ( <u>Private</u> ) 3. Crystal City Courtyard Green ( <u>Private</u> ) 4. Crystal City Children’s Park ( <u>Private</u> ) 5. Four Mile Run ( <u>Multiple</u> ) 6. George Washington Memorial Parkway ( <u>NPS</u> ) / Potomac Heritage National Scenic Trail ( <u>NPS</u> ) 7. Potomac Greens Park ( <u>City of Alexandria</u> ) 8. Potomac Yard Park ( <u>City of Alexandria</u> ) 9. Daingerfield Island Park ( <u>NPS</u> ) 10. Metro Linear Park ( <u>City of Alexandria</u> ) 11. Hooff’s Run Park and Greenway ( <u>City of Alexandria</u> ) 12. Sunset Mini Park ( <u>City of Alexandria</u> ) 13. Dog Run Park at Carlyle ( <u>City of Alexandria</u> ) 14. Cameron Run Regional Park ( <u>Owner – City of Alexandria, Operator – Northern Virginia Regional Park Authority</u> ) 15. Clermont Natural Park ( <u>City of Alexandria</u> ) 16. Hensley Park ( <u>City of Alexandria</u> ) 17. Backlick Stream Valley Park ( <u>Fairfax County Park Authority</u> )”
3-59	Section 3.9.2.2	Area 2: Northern Virginia - VAU 2-2 “Sensitive Resources 1. Accotink Stream Valley Park 2. Pohick Stream Valley Park 3. Lorton Station Elementary School”	Replace with: “Sensitive Resources ( <u>Owner</u> ) 1. Accotink Stream Valley Park ( <u>Fairfax County Park Authority</u> ) 2. Pohick Stream Valley Park ( <u>Fairfax County Park Authority</u> ) 3. Lorton Station Elementary School ( <u>Fairfax County</u> )”
3-60	Section 3.9.2.2	Area 2: Northern Virginia – VAU 2-3 “Sensitive Resources 1. Mason Neck West Park 2. Old Colchester Preserve and Park 3. Occoquan River 4. Veterans Memorial Park 5. Marumsco Acre Lake Park 6. Featherstone National Wildlife Refuge”	Replace with: “Sensitive Resources ( <u>Owner</u> ) 1. Mason Neck West Park ( <u>Fairfax County Park Authority</u> ) 2. Old Colchester Preserve and Park ( <u>Fairfax County Park Authority</u> ) / Potomac Heritage National Scenic Trail ( <u>NPS</u> ) 3. Occoquan River ( <u>n/a</u> ) 4. Veterans Memorial Park ( <u>Prince William County</u> ) 5. Marumsco Acre Lake Park ( <u>Prince William County</u> ) 6. Featherstone National Wildlife Refuge ( <u>USFWS</u> ) / Potomac Heritage National Scenic Trail ( <u>NPS</u> )”
3-61	Section 3.9.2.2	Area 2: Northern Virginia – VAU 2-4 “Sensitive Resources 1. Neabsco Creek 2. Leesylvania State Park 3. Powells Creek 4. Cockpit Point Battlefield Heritage Park 5. Quantico Creek 6. Quantico Unnamed Recreation Area 7. Widewater State Park 8. Aquia Creek”	Replace with: “Sensitive Resources ( <u>Owner</u> ) 1. Neabsco Creek ( <u>n/a</u> ) 2. Leesylvania State Park ( <u>VDCR</u> ) 3. Powells Creek ( <u>n/a</u> ) 4. Cockpit Point Battlefield Heritage Park ( <u>Prince William County</u> ) 5. Quantico Creek ( <u>n/a</u> ) 6. Quantico Unnamed Recreation Area ( <u>MCBQ</u> ) 7. Widewater State Park ( <u>VDCR</u> ) / Potomac Heritage National Scenic Trail ( <u>NPS</u> ) 8. Aquia Creek ( <u>n/a</u> )”

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DEIS Page #	Section/Table/Figure	Original Text	Revised Text <i>(Note: New and/or revised text is underlined in this column)</i>
3-62	Section 3.9.2.3	Area 3: Fredericksburg – VAU 3-1 “Sensitive Resources 1. Embry Farm 2. Rappahannock River 3. Fredericksburg and Spotsylvania National Park 4. Cobblestone Park 5. Pierson/Slaughter Pen Farm 6. Mary Lee Carter Park”	Replace with: “Sensitive Resources ( <u>Owner</u> ) 1. Embry Farm ( <u>Private</u> ) 2. Rappahannock River ( <u>n/a</u> ) / <u>Captain John Smith Chesapeake National Historic Trail (NPS)</u> 3. Fredericksburg and Spotsylvania National Park ( <u>NPS</u> ) 4. Cobblestone Park ( <u>City of Fredericksburg</u> ) 5. Pierson/Slaughter Pen Farm ( <u>Private</u> ) 6. Mary Lee Carter Park ( <u>Spotsylvania County</u> )”
3-63	Section 3.9.2.3	Area 3: Fredericksburg – VAU 3-2 “Sensitive Resources 1. Embry Farm 2. George Washington’s Ferry Farm 3. Rappahannock River 4. Alexander Berger Memorial Sanctuary”	Replace with: “Sensitive Resources ( <u>Owner</u> ) 1. Embry Farm ( <u>Private</u> ) 2. George Washington’s Ferry Farm ( <u>Private</u> ) 3. Rappahannock River ( <u>n/a</u> ) / <u>Captain John Smith Chesapeake National Historic Trail (NPS)</u> 4. Alexander Berger Memorial Sanctuary ( <u>Private</u> )”
3-64	Section 3.9.2.4	Area 4: Central Virginia – VAU 4-1 “Sensitive Resources 1. Fredericksburg and Spotsylvania National Park 2. Mattaponi River 3. Mattaponi State Wildlife Management Area 4. North Anna River”	Replace with: “Sensitive Resources ( <u>Owner</u> ) 1. Fredericksburg and Spotsylvania National Park ( <u>NPS</u> ) 2. Mattaponi River ( <u>n/a</u> ) 3. Mattaponi State Wildlife Management Area ( <u>VDGIF</u> ) 4. North Anna River ( <u>n/a</u> )”
3-65	Section 3.9.2.5	Area 5: Ashland – VAU 5-1 “Sensitive Resources 1. North Ashland Park 2. Railside Park 3. Carter Park 4. Downtown Ashland”	Replace with: “Sensitive Resources ( <u>Owner</u> ) 1. North Ashland Park ( <u>unknown, conceptual stage only</u> ) 2. Railside Park ( <u>Town of Ashland</u> ) 3. Carter Park ( <u>Town of Ashland</u> ) 4. Downtown Ashland ( <u>Multiple</u> )”
3-67	Section 3.9.2.6	Area 6: Richmond – VAU 6-1 “Sensitive Resources 1. RF&P Park 2. Laurel Recreation Area 3. Joseph Bryan Park”	Replace with: “Sensitive Resources ( <u>Owner</u> ) 1. RF&P Park ( <u>Henrico County</u> ) 2. Laurel Recreation Area ( <u>Henrico County</u> ) 3. Joseph Bryan Park ( <u>City of Richmond</u> )”
3-68	Section 3.9.2.6	Area 6: Richmond – VAU 6-2 “Sensitive Resources 1. Maggie Walker Governor’s School Fields 2. Main Street Station”	Replace with: “Sensitive Resources ( <u>Owner</u> ) 1. Maggie Walker Governor’s School Fields ( <u>Maggie L. Walker Governor’s School Regional School Board</u> ) 2. Main Street Station ( <u>City of Richmond</u> )”
3-69	Section 3.9.2.6	Area 6: Richmond – VAU 6-3 “Sensitive Resources 1. Triple Crossing 2. Canal Walk 3. James River 4. Walkers Creek Retention Basin Park 5. Falling Creek Park”	Replace with: “Sensitive Resources ( <u>Owner</u> ) 1. Triple Crossing ( <u>Multiple</u> ) 2. Canal Walk ( <u>City of Richmond</u> ) 3. James River ( <u>n/a</u> ) / <u>Captain John Smith Chesapeake National Historic Trail (NPS)</u> 4. Walkers Creek Retention Basin Park ( <u>City of Richmond</u> ) 5. Falling Creek Park ( <u>Chesterfield County</u> )”
3-70	Section 3.9.2.6	End of second paragraph. “This aesthetically pleasing bridge is visible from many nearby roads, parks, and residential areas, as well as from the river itself, which is highly used for recreational purposes.”	Replace with: “This aesthetically pleasing bridge is visible from many nearby roads, parks, and residential areas, as well as from the river itself, which is highly used for recreational purposes <u>and includes the Captain John Smith Chesapeake National Historic Trail.</u> ”

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DEIS Page #	Section/Table/Figure	Original Text	Revised Text <i>(Note: New and/or revised text is underlined in this column)</i>
3-70	Section 3.9.2.6	Area 6: Richmond – VAU 6-4 “Sensitive Resources 1. James River 2. James River Park 3. Gates Mill Park 4. Falling Creek Park”	Replace with: “Sensitive Resources ( <u>Owner</u> ) 1. James River ( <u>n/a</u> ) / <u>Captain John Smith Chesapeake National Historic Trail (NPS)</u> 2. James River Park ( <u>City of Richmond</u> ) 3. Gates Mill Park ( <u>Chesterfield County</u> ) 4. Falling Creek Park ( <u>Chesterfield County</u> )”
3-72	Section 3.9.2.6	Area 6: Richmond – VAU 6-6 “Sensitive Resources 1. James River 2. Great Shiplock Park 3. Libby Hill Park”	Replace with: “Sensitive Resources ( <u>Owner</u> ) 1. James River ( <u>n/a</u> ) 2. Great Shiplock Park ( <u>City of Richmond</u> ) 3. Libby Hill Park ( <u>City of Richmond</u> )”
3-75	Section 3.10.1.1	Second line. “...which are managed by the USFWS for the protection and conservation...”	Replace with: “...which are managed by the USFWS <u>and NPS</u> for the protection and conservation...”
3-75	Section 3.10.1.1	End of first sentence in Roaches Run Waterfowl Sanctuary. “...is part of the George Washington Memorial Parkway.”	Replace with: “...is part of the George Washington Memorial Parkway <u>and is an administrative unit of the NPS.</u> ”
3-90	Section 3.10.5	First sentence of last paragraph. “Seven federally listed threatened or endangered species are reported to occur or potentially occur within...”	Replace with: “ <u>Eight</u> federally listed threatened or endangered species <u>and one proposed federally listed threatened species</u> are reported to occur or potentially occur within...”
3-91	Table 3.10-8	[Table in its entirety is republished at end of this appendix.]	See end of this appendix for updated Table 3.10-8 ( <u>Updated to show two undocumented species, Rusty Patch Bumble Bee and Yellow Lance, and their locations; updated to show the correct locations of all species in each Alternative area.</u> )
3-100	Section 3.11.3.2	Prince William County, third paragraph. “The concept for the Government Center is to concentrate a town center, with more dense commerce and employment opportunities south of Prince William Parkway, west of I-95 (several miles west of the Project corridor) and north of Dale City, and a County Center north of Prince William Parkway, and to include access to mass transit options. The Parkway Employment Center is north of Potomac Mills Mall and west of I-95 and is currently wooded, but it is intended to provide a transition between the intensely developed Potomac Mill area and residential areas to the north and west, while providing significant employment opportunities in the area. The Potomac Communities surround the Project corridor, and the sector plan is a refocusing on the comprehensive planning surrounding U.S. 1 and its relationship to the surrounding communities. The sector plan discusses the existing VRE stations: Quantico (also an Amtrak station), Rippon, and Woodbridge (also an Amtrak station). The Potomac Shores Station is under construction in Cherry Hill, with a planned opening in 2017. The sector plan has several action strategies that encourage “expanding existing mass transit services in Potomac Communities” (Prince William County, 2012).”	Replace with: “ <u>North Woodbridge is a Metropolitan Washington Council of Governments (MWCOC) Regional Activity Center, a Study Area in the Potomac Communities Revitalization Plan and a Center of Commerce in Prince William County. It is designated for Urban Mixed-Use development. Projects include the Route 123 and Route 1 interchange, the Potomac Heritage National Scenic Trail, and the Occoquan Riverfront Park. Large-scale redevelopment at the highest density permitted at the northern gateway to Prince William County is possible.</u> <u>Potomac Shores is a Metropolitan Washington Council of Governments Regional Activity Center and is mostly designated as a Regional Employment Center - an urban high-density, mixed-use designation. It is zoned for a dense, mixed-use development including a town center, a proposed VRE station, parks and trails, which include the Potomac Heritage National Scenic Trail.</u> ”
3-103	Section 3.11.3.2	Town of Ashland, first paragraph, last sentence. “The plan specifically states that the Town “supports the Southeast High Speed Rail Corridor initiatives” and “shall work with federal, state, and regional partners to ensure the success and development of this initiative” (Town of Ashland, 2011).”	Replace with: “The plan specifically states that the Town <u>“opposes options such as the addition of a third rail through downtown” (Town of Ashland, 2016).</u> ”
3-107	Table 3.11-5	Hanover County row, Community Center/Museum column. “0”	Replace with: “ <u>1</u> ” (Ashland/Hanover Visitor’s Center/Train Station)
3-133	Table 3.13-4	Row 3, column 3. “Alexandria Depot” Row 5, column 3. “Parker-Gray Historic District/Uptown”	Replace with: “ <u>Alexandria Union Station</u> ” Replace with: “ <u>Uptown/Parker-Gray Historic District</u> ”
3-157	Table 3.14-1	Row 2, column 5.	Add one bullet to end of existing list: “• Includes portion of Potomac Heritage National Scenic Trail ”
3-157	Table 3.14-1	[End of existing table, below “George Washington Memorial Parkway” row]	Add new row: “Daingerfield Island Park   Northern Virginia   162   NPS   • Located adjacent to the George Washington Memorial Parkway • Sailing and fishing are available at the park • Popular destination for fireworks viewing on the 4 <sup>th</sup> of July”
3-158	Figure 3.14-1	[The edited sheet of this figure is republished at end of this appendix.]	See end of this appendix for updated Sheet 1 of Figure 3.14-1 (updated to show the undocumented public/private with public access parks; updated to show the correct location / boundaries of Braddock Park/Lenny Harris Memorial Field at Braddock Park).
3-173	Table 3.14-2	Rows 2 and 3 (Leesylvania State Park and Widewater State Park), column 5.	Add two bullets to existing list: “• <u>Site on the Chesapeake NHT</u> • Includes portion of proposed Potomac Heritage National Scenic Trail”

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DEIS Page #	Section/Table/Figure	Original Text	Revised Text <i>(Note: New and/or revised text is underlined in this column)</i>
3-174	Table 3.14-3	[Table in its entirety is republished at end of this appendix.]	See end of this appendix for updated Table 3.14-3. (Removed rows for Daingerfield Island Park and Traffic Circle Park (both in the City of Alexandria); added rows for the following parks in the City of Alexandria: Potomac Yard Landbay N, Swann Finger Park, Rose Square, Rail Park, Neighborhood Park, Custis Linear / Finger Park, Howell Linear, PY Plaza West, and Portner Park; updated to correct resource name, acreage and/or features of the following: Potomac Yard Park (City of Alexandria), Eugene Simpson Stadium Park (City of Alexandria), Clermont Natural Area (City of Alexandria), North Ashland Park (Hanover County), Canal Walk Plaza and Entrance (City of Richmond), and James River Park (City of Richmond)).
3-180	Section 3.14.4	Heading and first paragraph. "3.14.4 Wildlife Refuges Wildlife refuges are lands set aside for conservation, restoration, or management of wildlife or waterfowl species and habitats. Refuges may be part of the National Wildlife Refuge System or state- or locally owned. Wildlife refuges may or may not allow public access."	Replace with: "3.14.4 Wildlife Refuges/Waterfowl Sanctuaries <u>Wildlife refuges and waterfowl sanctuaries</u> are lands set aside for conservation, restoration, or management of wildlife or waterfowl species and habitats. Refuges may be part of the National Wildlife Refuge System or state- or locally owned. Wildlife refuges/ <u>waterfowl sanctuaries</u> may or may not allow public access."
3-180	Table 3.14-4	Heading. "Table 3.14-4: Wildlife Refuges"	Replace with: "Table 3.14-4: Wildlife Refuges/ <u>Waterfowl Sanctuaries</u> "
3-180	Table 3.14-4	Row 2, column 5, second bullet. "• Adjacent to the George Washington Memorial Parkway"	Replace with: "• <u>Administrative unit of</u> the George Washington Memorial Parkway"
3-180	Table 3.14-4	Row 3, column 5, bulleted list.	Add one bullet to end of existing list: "• <u>Includes portion of proposed Potomac Heritage National Scenic Trail</u> "
3-181	Section 3.14.5	First paragraph. "...which they are located.. fOwnership of trails..."	Replace with: "...which they are located. <u>Ownership</u> of trails..."
3-181	Table 3.14-5	Row for Mount Vernon Trail, column 5, bulleted list.	Add one bullet to end of existing list: "• <u>Includes portion of proposed Potomac Heritage National Scenic Trail</u> "
3-182	Table 3.14-5	Row 5, column 1. "Potomac Heritage Trail"	Replace with: "Potomac Heritage <u>National Scenic Trail corridor</u> "
3-183	Table 3.14-5	Row 4, column 1. "Captain John Smith Historic Trail" Row 4, column 2. "Richmond" Row 4, column 5. "• Water trail on the James River throughout the study area "	Replace with: "Captain John Smith <u>Chesapeake National</u> Historic Trail" Replace with: " <u>Arlington, Fredericksburg, and Richmond</u> " Replace with the following bullets: "• <u>Water trail extending throughout the Chesapeake Bay and its major tributaries</u> • <u>First water trail designated under the National Trails System Act</u> • <u>Commemorates the exploratory voyages of Captain John Smith on the Chesapeake Bay and its tributaries</u> • <u>Water trail on the Potomac, Rappahannock and James rivers and other tributaries, rivers, and streams throughout the study area</u> "
3-184	Table 3.14-6	Title row, first column. "City/County"	Replace with: " <u>Location</u> (City/County)"
3-184	Table 3.14-6	[Middle of existing table, below row with George Washington Memorial Parkway]	Add two rows: " <u>City of Alexandria   Northern Virginia   Eugene Simpson Stadium Park</u> <u>City of Alexandria   Northern Virginia   Joseph Hensley Park</u> "
3-185	Table 3.14-7	[Table in its entirety is republished at end of this appendix.]	See end of this appendix for updated Table 3.14-7. (Updated with new rows for the following parks in the City of Alexandria: Potomac Yard Landbay N, Potomac Yard Park, Swan Finger Park, Rail Park, Custis Linear / Finger Park, and Howell Linear; updated to remove the following parks: Traffic Circle Park (City of Alexandria) and North Ashland Park (Hanover County)).
Draft EIS Chapter 4 – Environmental Consequences			
4-5	Section 4.1.1.1	First paragraph. "...would cross five to seven of the Coast Guard regulated..."	Replace with: "...would cross five to <u>eight</u> of the Coast Guard regulated..."
4-5	Section 4.1.1.1	Navigable Waters bulleted list.	Add one bullet to end of existing list: "• <u>Four Mile Run</u> "
4-13	Table 4.1-3	Third column, "Public Surface Water Zone 1 (acres)". In the table, Permanent and Temporary impacts are presented in separate columns for "Fairfax County", "Hanover County", and "City of Richmond" for each Build Alternative.	<u>Remove the column for "Fairfax County"</u> . There are no (zero) Permanent or Temporary impacts to the Fairfax County water authority. <u>Remove the column for "City of Richmond"</u> . There are no (zero) Permanent or Temporary impacts to the City of Richmond water authority/system. Within the "Hanover County" column (the Hanover Suburban water system): - <u>For Build Alternative 4A, replace "P: 42.48" with "P: 25.52"</u> . - <u>For Build Alternative 4A, replace "T: 23.36" with "T: 12.47"</u> . - <u>Remove Permanent and Temporary impacts for all Build Alternatives within Area 5 (there are no (zero) impacts for 5A, 5A-Ashcake, 5B, 5B-Ashcake, 5C, 5C-Ashcake, and 5D-Ashcake).</u>

► Continued.

DEIS Page #	Section/Table/Figure	Original Text	Revised Text <i>(Note: New and/or revised text is underlined in this column)</i>
4-71	Section 4.10.1.1	Third subheading, County Wildlife Lands. "DRPT anticipates that Build Alternative 2A would result in approximately 0.55 acre of temporary impacts to Pohick Seeps Conservation Area. The site is located on parcels owned by Fairfax County that have a Permanent Wildlife Conservation Easement. Depending on the type of impacts proposed, temporary impacts could potentially be considered permanent for the rare habitat located there. Proposed work in this area will require coordination with Fairfax County."	<u>Replace text with:</u> "DRPT anticipates that Build Alternative 2A will not result in any permanent or temporary impacts to Pohick Seeps Conservation Area. <u>The site is located on parcels owned by Fairfax County that have a Permanent Wildlife Conservation Easement.</u> " There is no impact to Pohick Seeps Conservation Area as part of the DC2RVA Project; Franconia to Occoquan (CFP 99 to 90) is currently two tracks but is being designed for three tracks as part of a separate project that is assumed to be complete as part of the DC2RVA Project, as detailed in Chapter 4 of the Final EIS.
4-72	Table 4.10-2	5 <sup>th</sup> column; 3 <sup>rd</sup> row. Area 2, County Wildlife Lands, "T: 0.55".	Replace with: "T: 0.00" (see above row for details on this removal of temporary impact).
4-80 to 4-81	Table 4.10-4	[Table in its entirety is republished at end of this appendix.]	See end of this appendix for updated Table 4.10-4. (The Draft EIS table originally reported anticipated impacts in Linear Feet and has been updated to reflect anticipated impacts in Acreage to better account for both physical impediments as well as shadowing effects which could potentially interrupt anadromous/migratory movements.)
4-96	Table 4.11-1	[Table in its entirety is republished at end of this appendix.]	See end of this appendix for updated Table 4.11-1. (Updated row for Alternative 3B to show 1 relocation in Stafford County, Other, and Alternative 3C to show 1 relocation in Stafford County, General Commercial).
4-104	Table 4.11-2	[Table in its entirety is republished at end of this appendix.]	See end of this appendix for updated Table 4.11-2. (Updated row for Alternative 3C to show 1 relocation in Stafford County).
4-108	Section 4.11.5.3	Second paragraph. "... (Fairfax County, Stafford County, the City of Fredericksburg, Caroline County, the Town of Ashland, the City of Richmond, and Chesterfield County)"	Replace with: "... (Fairfax County, <u>Prince William County</u> , Stafford County, the City of Fredericksburg, Caroline County, the Town of Ashland, the City of Richmond, and Chesterfield County)"
4-129	Section 4.13	Second paragraph (below bullets). "See the <i>Cultural Resources Reports</i> (Appendix R) for technical reports and mapping related to cultural resource studies and historic properties."	Add the following sentence at the end of the original text: "Note that the locations of archaeological sites are restricted by legislation established in the Archaeological Resources Protection Act of 1979 (ARPA). Per ARPA stipulations, to see this data, an individual must meet the Secretary of the Interior's Standards as a qualified archaeologist. The goal of this stipulation is to protect sites from unauthorized or improper excavation to avoid site destruction. Given this, the exact locations of archaeological sites are removed from public documents throughout the United States, including in Appendix R."
4-136	Table 4.13-4	Row 4, column 2. "Parker-Gray Historic District/Uptown" Row 6, column 2. "Alexandria Depot"	Replace with: " <u>Uptown/Parker-Gray Historic District</u> " Replace with: "Alexandria <u>Union Station</u> "
4-170	Section 4.15.1.3	First bullet. "For each Build Alternative..."	Replace with: "For each <u>Richmond Station</u> Alternative..."
4-174	Section 4.15.1.4	End of last sentence in the section.	Add new text: " <u>Additionally, at Woodbridge Station, free parking is provided through a combination of surface parking and a parking deck, with a combined capacity of 730 spaces shared by Amtrak and VRE. The parking lot is at approximately 65% capacity per day, with ample capacity to absorb the DC2RVA daily parking space demand as projected above. Accordingly, DRPT is not recommending additional parking infrastructure improvements as part of the Project.</u> "
4-180	Section 4.15.2.1	Second bullet. "DRPRT"	Replace with: " <u>DRPT</u> "
4-194	Section 4.15.2.1	End of second bullet. "...as part of all Build Alternatives."	Replace with: "...as part of all Build Alternatives <u>that add a third track to the A-Line.</u> "
4-228	Section 4.20.2.3	Bulleted list, "The following rail and transit projects have been identified within the indirect and cumulative effects study area."	Add new bullet to existing list: ""• <u>Potomac Yard Metrorail Station Project, Alexandria</u> "
Draft EIS Chapter 6 – Public Involvement and Agency Coordination			
6-6	Section 6.1.4	Third paragraph on page. "DRPT received 1,625 scoping comments. The formal comment period lasted 30 days, from October 27, 2014 to December 5, 2014. All comments received were fully considered. DRPT reviewed each comment, categorized them by topic and appropriately grouped them for response, and prepared summary responses that were published in the Scoping Summary Report (Appendix V). Public comments ranged from general support or opposition to very specific remarks on particular locations and resources. They also included several logistical comments and questions related to the scoping meetings and comment process, such as requests for meeting accommodations for sign language, comments on website function, and information requests."	Replace with: "DRPT received 1,625 scoping comments = <u>1,614 public comments and 11 agency comments</u> . The formal comment period lasted 30 days, from October 27, 2014 to December 5, 2014. All comments received were fully considered. <u>Of the 1,614 public comments received, 1,220 of them were two separate form letters, one from Virginians for High Speed Rail (428 copies received), and another from the East Coast Greenway Alliance (792 copies received). These two form letters were printed in full in Section 4.2.1 of the Scoping Summary Report (Appendix V), along with DRPT's response to each.</u> <u>The remaining 394 public comments were unique letters, emails, comment forms, or telephone comments, though many of them touched on similar themes.</u> DRPT reviewed each comment, categorized them by topic and appropriately grouped them for response, and prepared summary responses that were published in <u>Section 4.2.2 of the Scoping Summary Report</u> . Public comments ranged from general support or opposition to very specific remarks on particular locations and resources. They also included several logistical comments and questions related to the scoping meetings and comment process, such as requests for meeting accommodations for sign language, comments on website function, and information requests."

► Continued.

DEIS Page #	Section/Table/Figure	Original Text	Revised Text <i>(Note: New and/or revised text is underlined in this column)</i>
Draft EIS Chapter 7 – DRPT Recommended Preferred Alternative			
7-4	Section 7.2	First paragraph. "...four interoperable main tracks north of Alexandria and three interoperable main tracks from Alexandria to Fredericksburg."	Replace with: "...four interoperable main tracks north of <u>AF interlocking</u> and three interoperable main tracks from <u>AF interlocking</u> to Fredericksburg."
Draft EIS Chapter 8 – Distribution of Draft EIS			
8-6	Section 8.8	Bullet 1. "... (Long Bridge Park and Mount Vernon Trail) Bullet 7. "... (George Washington Memorial Parkway)	Replace with: "... (Long Bridge Park)" Replace with: "... (George Washington Memorial Parkway and Mount Vernon Trail)"
Draft EIS Chapter 12 – References			
12-6		Federal Highway Administration (FHWA). "2012. Interim Guidance Update on Mobile Air Toxic Analysis. <a href="https://www.fhwa.dot.gov/environment/air_quality/air_toxics/policy_and_guidance/aqintguidmem.cfm">https://www.fhwa.dot.gov/environment/air_quality/air_toxics/policy_and_guidance/aqintguidmem.cfm</a> . Washington, D.C. December 2012."	Replace original source with: "2016. <u>Updated Interim Guidance on Mobile Source Air Toxic Analysis in NEPA Documents</u> . <a href="https://www.fhwa.dot.gov/environment/air_quality/air_toxics/policy_and_guidance/msat/">https://www.fhwa.dot.gov/environment/air_quality/air_toxics/policy_and_guidance/msat/</a> . Washington, D.C. October 2016."
12-10		NatureServe Explorer	Add updated source: "2016. <u>Online Encyclopedia of Life–species search: Barking Treefrog (Hyla gratiosa), Dwarf Wedgemussel (Alasmidonta heterodon), Green Floater (Lasmigona subviridis), Harperella (Ptilimnium nodosum), New Jersey Rush (Juncus caesariensis), Northern Longeared Bat (Myotis septentrionalis), Peregrine Falcon (Falco peregrinus), Sensitive Joint-vetch (Aeschynome virginica), Small Whorled Pogonia (Isotria medeoloides), Swamp-pink (Helonias bullata), Wood Turtle (Glyptemys insculpta), NatureServe Explorer: An online encyclopedia of life [web application]. Version 7.1. NatureServe, Arlington, VA. <a href="http://explorer.natureserve.org/">http://explorer.natureserve.org/</a>. Last updated November 2016. Accessed February–March 2018."</u>
12-13		United States Environmental Protection Agency (EPA)	Add updated source: "2017. <u>US EPA Air Quality – National Summary website: <a href="https://www.epa.gov/air-trends/air-quality-national-summary">https://www.epa.gov/air-trends/air-quality-national-summary</a></u> . Accessed February 2018."
12-14		United States Fish and Wildlife Service (USFWS)	Add update source: "2017. <u>Species Status Assessment Report for the Yellow Lance (Elliptio lanceolata)</u> . Version 1.2. March 2017. Atlanta, GA.  2018. <u>ECOS (Environmental Conservation Online System)–Species Profile: Dwarf Wedgemussel (Alasmidonta heterodon), Green Floater (Lasmigona subviridis), Harperella (Ptilimnium nodosum), Indiana Bat (Myotis sodalis), New Jersey Rush (Juncus caesariensis), Northern Long-eared Bat (Myotis septentrionalis), Peregrine Falcon (Falco peregrinus), Rusty Patched Bumble Bee (Bombus affinis), Sensitive Joint-vetch (Aeschynome virginica), Small Whorled Pogonia (Isotria medeoloides), Swamp-pink (Helonias bullata), Wood Turtle (Glyptemys insculpta)</u> . <a href="http://ecos.fws.gov/ecos/home.action#">http://ecos.fws.gov/ecos/home.action#</a> . Accessed February and March 2018."
12-16		Virginia Department of Conservation and Recreation (VDCR)	Add updated source: "2017. <u>Division of Natural Heritage. Memorandum from Roberta Rhur, Environmental Impact Review Coordinator, to Janine Howard, VDEQ. Re: DEQ 17-134F, DC to Richmond Southeast High Speed Rail. Dated October 11, 2017. From letter from Bettina Rayfield to Emily Stock, Virginia Department of Rail and Public Transportation. Re: Comments on the Tier II Draft Environmental Impact Statement for the Washington, D.C. to Richmond Southeast High Speed Rail Project. Letter dated November 3, 2017.</u> "
12-18		Virginia Department of Game and Inland Fisheries (VDGIF)	Add updated source: "2018. <u>Virginia Fish and Wildlife Information Services (VaFWIS) Species Information Report (Occurrence, Habitat)– Barking Treefrog (Hylagratiosa), Dwarf Wedgemussel (Alasmidonta heterodon), Green Floater (Lasmigona subviridis), Indiana Bat (Myotis sodalis), Northern Long-eared Bat (Myotis septentrionalis), Peregrine Falcon (Falco peregrinus), Wood Turtle (Glyptemys insculpta)</u> . <a href="http://www.vafwis.org/fwis/?Menu=Home_By+Name">http://www.vafwis.org/fwis/?Menu=Home_By+Name</a> . Accessed March 21, 2018."

**Table 3.10-8: Federally and State-Listed Threatened and Endangered Species that May Occur within the Vicinity of the Study Area**

Species/Resource Name	Status*	Alternative Area					
		Area 1: Arlington (Long Bridge Approach)	Aera 2: Northern Virginia	Area 3: Fredericksburg (Dahlgren Spur to Crossroads)	Area 4: Central Virginia (Crossroads to Doswell)	Area 5: Ashland (Doswell to I-295)	Area 6: Richmond (I-295 to Centralia)
Dwarf Wedgemussel ( <i>Alasmidonta heterodon</i> )	FE		Y	Y	Y	Y	
Harperella ( <i>Ptilimnium nodosum</i> )	FE		Y	Y			
Indiana bat ( <i>Myotis sodalis</i> )	FE		Y	Y	Y		
Northern Long-eared Bat ( <i>Myotis septentrionalis</i> )	FT		Y	Y	Y	Y	Y
Rusty Patched Bumble Bee ( <i>Bombus affinis</i> )	FE		Y	Y	Y	Y	Y
Sensitive Joint-vetch ( <i>Aeschynome virginica</i> )	FT/ST		Y				Y
Small Whorled Pogonia ( <i>Isotria medeoloides</i> )	FT/SE		Y	Y			
Swamp-pink ( <i>Helonias bullata</i> )	FT/SE			Y	Y		
Yellow Lance ( <i>Elliptio lanceaolata</i> )	PFT		Y	Y	Y	Y	
Barking Tree Frog ( <i>Lasmigona subviridis</i> )	ST						Y
Green Floater ( <i>Lasmigona subviridis</i> )	ST			Y			
New Jersey Rush ( <i>Juncus caesariensis</i> )	ST			Y	Y		
Peregrine Falcon ( <i>Falco peregrinus</i> )	ST		Y				Y
Wood Turtle ( <i>Glyptemys insculpta</i> )	ST		Y				

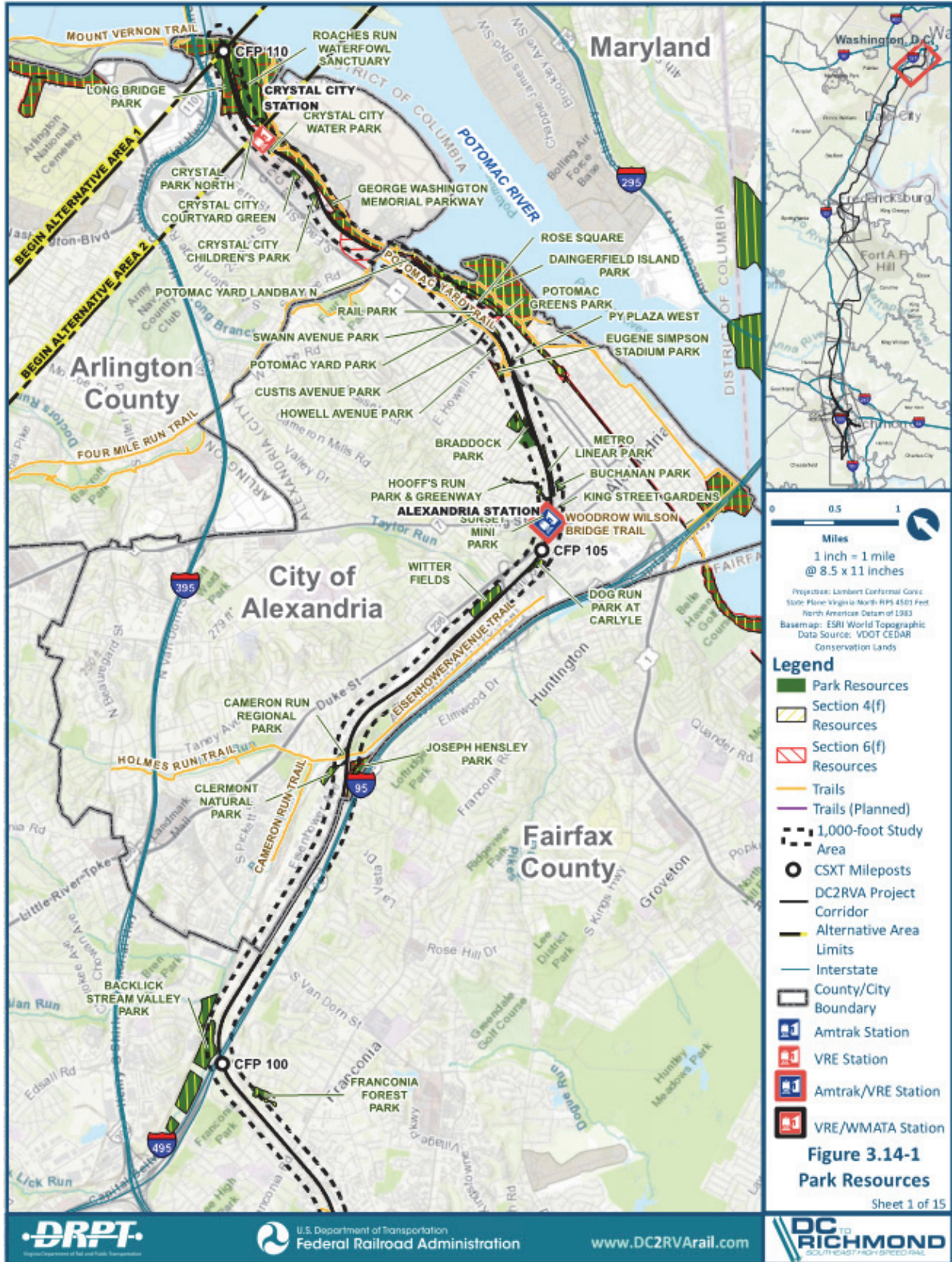
Source: USFWS, 2015 and 2016.

\* FE=Federal Endangered; PFE=Proposed Federal Endangered; FT=Federal Threatened; PFE=Proposed Federal Threatened; SE=State Endangered; ST=State Threatened

Note: “Y” in cells above indicates the presence of the species in the specified alternative area. Blank cells indicate that no species location data were identified from referenced sources.

References: (2-2018 CEDAR-VDGIF; 12-2014 CCB – VaEagle Nest Locator; 12-2014 USFWS Bald Eagle Concentration Areas- Virginia; 11-2014 VDCR-NHD Subwatershed Search; 2018 USFWS – Official Species List).





**Table 3.14-3: County/City and Other Local Parklands**

Resource Name	Alternative Area	Size (acres)	Ownership	Features
<b>Arlington County</b>				
Long Bridge Park	Arlington	29	Arlington County	<ul style="list-style-type: none"> <li>▪ Multi-sport, lighted, athletic fields,</li> <li>▪ Walkways</li> <li>▪ Greenspace</li> <li>▪ Playgrounds</li> </ul>
Crystal Park North	Northern Virginia	2	Private ownership – open to the public, no fee for access	<ul style="list-style-type: none"> <li>▪ Small urban park</li> <li>▪ Part of Crystal City development</li> </ul>
Crystal City Water Park	Northern Virginia	2.5	Private ownership – open to the public, no fee for access	<ul style="list-style-type: none"> <li>▪ Urban park</li> <li>▪ Landscaped gardens</li> <li>▪ Large water fountains</li> <li>▪ Seating areas</li> <li>▪ Part of Crystal City development</li> </ul>
Crystal City Courtyard Green	Northern Virginia	4.3	Private ownership – open to the public, no fee for access	<ul style="list-style-type: none"> <li>▪ Urban greenspace</li> <li>▪ Flower gardens</li> <li>▪ Trails and park benches</li> <li>▪ Part of Crystal City development</li> </ul>
Crystal City Children’s Park	Northern Virginia	4.4	Private ownership – no fee for access during non-business hours	<ul style="list-style-type: none"> <li>▪ Facility was built primarily for use by the resident day-care facility, but it is open to use by area families during non-business hours</li> <li>▪ Playgrounds</li> <li>▪ Part of Crystal City development</li> </ul>
<b>City of Alexandria</b>				
Potomac Yard Landbay N	Northern Virginia	5.21	City Alexandria	<ul style="list-style-type: none"> <li>▪ Open Space</li> </ul>
Potomac Greens Park	Northern Virginia	18	City of Alexandria	<ul style="list-style-type: none"> <li>▪ Playgrounds</li> <li>▪ Seating areas</li> <li>▪ Wooded trails</li> </ul>
Potomac Yard Park	Northern Virginia	21.6	City of Alexandria	<ul style="list-style-type: none"> <li>▪ Playground equipment</li> <li>▪ Interactive fountain for water play</li> <li>▪ Walking/biking trails</li> <li>▪ Tennis and Basketball courts</li> </ul>
Swann Finger Park	Northern Virginia	0.48	City of Alexandria	<ul style="list-style-type: none"> <li>▪ Open Space</li> </ul>
Rose Square	Northern Virginia	0.26	Private ownership – open to the public, no fee for access	<ul style="list-style-type: none"> <li>▪ Open Space</li> </ul>
Rail Park	Northern Virginia	4.17	City of Alexandria	<ul style="list-style-type: none"> <li>▪ Open Space</li> </ul>
Neighborhood Park	Northern Virginia	0.65	Private ownership – open to the public, no fee for access	<ul style="list-style-type: none"> <li>▪ Open Space</li> <li>▪ Walking Areas and Benches</li> </ul>
Custis Linear/Finger Park	Northern Virginia	0.52	City of Alexandria	<ul style="list-style-type: none"> <li>▪ Open Space</li> </ul>

**Table 3.14-3: County/City and Other Local Parklands**

Resource Name	Alternative Area	Size (acres)	Ownership	Features
Howell Linear	Northern Virginia	0.82	City of Alexandria	<ul style="list-style-type: none"> <li>Open Space</li> </ul>
PY Plaza West	Northern Virginia	0.56	Private ownership – open to the public, no fee for access	<ul style="list-style-type: none"> <li>Open Space</li> <li>Landscaped Areas</li> </ul>
Portner Park	Northern Virginia	0.04	Private ownership, under construction	<ul style="list-style-type: none"> <li>Pocket Park</li> </ul>
Old Town Greens Recreational Area	Northern Virginia	1.7	Private ownership – for Old Town Greens residents use only	<ul style="list-style-type: none"> <li>Tennis courts</li> <li>Greenspace</li> </ul>
Eugene Simpson Stadium Park	Northern Virginia	9.94	City of Alexandria	<ul style="list-style-type: none"> <li>Includes Eugene Simpson Stadium</li> <li>Soccer fields</li> </ul>
Braddock Park	Northern Virginia	7.1	City of Alexandria	<ul style="list-style-type: none"> <li>Baseball/softball fields</li> <li>Football fields</li> </ul>
Metro Linear Park	Northern Virginia	3.8	City of Alexandria	<ul style="list-style-type: none"> <li>Linear pathway that connects the Buchanan Street neighborhood with the metro stations at Braddock Road and King Street</li> </ul>
King Street Gardens	Northern Virginia	0.4	City of Alexandria	<ul style="list-style-type: none"> <li>Consists primarily of public art and gardens for the public’s enjoyment</li> <li>Public art</li> </ul>
Hooff’s Run Park and Greenway	Northern Virginia	4.5	City of Alexandria	<ul style="list-style-type: none"> <li>Portion of the park closest to the railroad consists of only walking trails</li> </ul>
Buchanan Park	Northern Virginia	2.8	City of Alexandria	<ul style="list-style-type: none"> <li>Adjacent to Jefferson Houston Elementary School</li> <li>Includes the Olde Town Pool</li> <li>Playground facilities</li> </ul>
Sunset Mini Park	Northern Virginia	1.4	City of Alexandria	<ul style="list-style-type: none"> <li>Playground</li> </ul>
Dog Run Park at Carlyle	Northern Virginia	3.0	City of Alexandria	<ul style="list-style-type: none"> <li>Fenced dog exercise area</li> <li>Tennis courts</li> </ul>
Witter Fields	Northern Virginia	13	City of Alexandria	<ul style="list-style-type: none"> <li>Obtained by the City as a result of the Woodrow Wilson Bridge Settlement Agreement Record of Decision between the City of Alexandria and the Federal Highway Administration (FHWA)</li> <li>Includes lighted diamond field, two lighted synthetic turf rectangular fields, restrooms, park pavilions, and pedestrian trail</li> </ul>
Clermont Natural Area	Northern Virginia	6.0	City of Alexandria	<ul style="list-style-type: none"> <li>Consists solely of a wooded area</li> </ul>



**Table 3.14-3: County/City and Other Local Parklands**

Resource Name	Alternative Area	Size (acres)	Ownership	Features
Joseph Hensley Park	Northern Virginia	22	City of Alexandria	<ul style="list-style-type: none"> <li>▪ Soccer and softball fields</li> <li>▪ Picnic shelters</li> </ul>
<b>Fairfax County</b>				
Backlick Stream Valley Park	Northern Virginia	75	Fairfax County Park Authority (FCPA)	<ul style="list-style-type: none"> <li>▪ Passive recreation such as hiking</li> </ul>
Franconia Forest	Northern Virginia	6.7	FCPA	<ul style="list-style-type: none"> <li>▪ Hiking/biking trails</li> </ul>
Loisdale Park	Northern Virginia	8.6	FCPA	<ul style="list-style-type: none"> <li>▪ Playgrounds</li> <li>▪ Tennis courts</li> <li>▪ Multi-use courts</li> <li>▪ Soccer fields</li> </ul>
Accotink Stream Valley Park	Northern Virginia	475	FCPA	<ul style="list-style-type: none"> <li>▪ Passive recreation such as hiking</li> </ul>
Pohick Stream Valley Park	Northern Virginia	323	FCPA	<ul style="list-style-type: none"> <li>▪ Passive recreation such as hiking</li> </ul>
Mason Neck West	Northern Virginia	76	FCPA	<ul style="list-style-type: none"> <li>▪ In development</li> <li>▪ 44 acres are planned for sporting facilities</li> <li>▪ 32 acres have been acquired but future use remains unplanned, currently unimproved</li> </ul>
Old Colchester Preserve and Park	Northern Virginia	141	FCPA	<ul style="list-style-type: none"> <li>▪ Natural preserve with rare communities and animal species</li> <li>▪ Includes a variety of archaeological resources</li> <li>▪ Includes portion of proposed Potomac Heritage National Scenic Trail</li> </ul>
<b>Prince William County</b>				
Jefferson Park Site	Northern Virginia	6.9	Prince William County	<ul style="list-style-type: none"> <li>▪ Identified as a future neighborhood park</li> <li>▪ Currently open space</li> </ul>
Veterans Memorial Park	Northern Virginia	110	Prince William County	<ul style="list-style-type: none"> <li>▪ Outdoor athletic fields</li> <li>▪ Walking trails and picnic pavilions</li> <li>▪ Skate park</li> <li>▪ Includes portion of proposed Potomac Heritage National Scenic Trail</li> </ul>
Marumscro Acre Lake Park	Northern Virginia	20	Prince William County	<ul style="list-style-type: none"> <li>▪ Basketball court</li> <li>▪ Picnic pavilion</li> <li>▪ Playground area</li> </ul>
Cockpit Point	Northern Virginia	96	Prince William County	<ul style="list-style-type: none"> <li>▪ In development</li> <li>▪ Not open yet; will be open to visitors on a limited basis at first</li> </ul>

**Table 3.14-3: County/City and Other Local Parklands**

Resource Name	Alternative Area	Size (acres)	Ownership	Features
				<ul style="list-style-type: none"> <li>Part of a rezoning agreement with the Potomac Shores community</li> <li>Includes portion of proposed Potomac Heritage National Scenic Trail</li> </ul>
<b>Stafford County</b>				
Embry Farm	Fredericksburg	11	Private ownership by the George Washington Foundation - not open to the public	<ul style="list-style-type: none"> <li>Historic preservation</li> <li>Not open to the public</li> </ul>
George Washington's Ferry Farm	Fredericksburg	75	Private ownership by the George Washington Foundation - open to the public for a fee	<ul style="list-style-type: none"> <li>George Washington's boyhood home</li> </ul>
<b>City of Fredericksburg</b>				
Cobblestone Park	Fredericksburg	10	City of Fredericksburg	<ul style="list-style-type: none"> <li>Wooded area with pedestrian trails</li> <li>Adjacent to Hazel Run Creek</li> </ul>
Pierson/Slaughter Pen Farm	Fredericksburg	200	Private ownership by the Civil War Preservation Trust – open to the public without a fee	<ul style="list-style-type: none"> <li>Acquired in 2006</li> <li>Key historic part of the nearby Fredericksburg Battlefield</li> </ul>
<b>Spotsylvania and Caroline Counties</b>				
Mary Lee Carter Park	Fredericksburg	4.5	Spotsylvania County	<ul style="list-style-type: none"> <li>Multi-use athletic fields</li> <li>Walking trails</li> <li>Playground</li> <li>Picnic areas</li> </ul>
Alexander Berger Memorial Sanctuary	Fredericksburg	865	Private ownership by the Nature Conservancy – open to the public without a fee	<ul style="list-style-type: none"> <li>Includes recreational trails near the Rappahannock River</li> <li>Includes remnants of a Civil War encampment</li> </ul>
<b>Hanover County</b>				
North Ashland Park	Ashland	n/a	Town of Ashland	<ul style="list-style-type: none"> <li>Conceptual Plan only</li> </ul>
Railside Park	Ashland	1.0	Town of Ashland	<ul style="list-style-type: none"> <li>Connects to Vaughan Road by a 1/3-mile-long path along the rail tracks</li> <li>Remains largely open space</li> <li>Picnic table and park benches for viewing passing trains</li> </ul>
Blincoe Field	Ashland	116	Private ownership by Randolph Macon College – not regularly open to the public	<ul style="list-style-type: none"> <li>Athletic stadium at Randolph Macon College</li> <li>Open to the public for a fee during special events</li> </ul>

**Table 3.14-3: County/City and Other Local Parklands**

Resource Name	Alternative Area	Size (acres)	Ownership	Features
				<ul style="list-style-type: none"> <li>Primarily for use by faculty and students</li> </ul>
Carter Park	Ashland	13.5	Town of Ashland	<ul style="list-style-type: none"> <li>Junior Olympic-size swimming pool</li> <li>One-half basketball court</li> <li>Picnic shelter</li> <li>Playground</li> <li>Gravel walking trails through the wooded areas</li> </ul>
Ashland Trolley Line	Ashland	6.7	Hanover County and Town of Ashland	<ul style="list-style-type: none"> <li>0.5 miles in length</li> <li>Walkway and park</li> <li>Part of the historic Ashland-Richmond Trolley Line</li> <li>Northern portion includes Walder Lane</li> </ul>
<b>Henrico County</b>				
Hunton Community Center	Ashland	4.9	Henrico County	<ul style="list-style-type: none"> <li>Playground</li> <li>Ball fields</li> <li>Pavilion</li> </ul>
RF&P Park	Richmond	60	Henrico County	<ul style="list-style-type: none"> <li>Includes four restored RF&amp;P train cars</li> <li>Picnic shelters</li> <li>Athletic fields including The Glen Allen Stadium at RF&amp;P Park</li> </ul>
Laurel Recreation Area	Richmond	10	Henrico County	<ul style="list-style-type: none"> <li>Skate park</li> <li>Athletic fields</li> <li>Picnic shelter</li> </ul>
<b>City of Richmond</b>				
Joseph Bryan Park	Richmond	250	City of Richmond	<ul style="list-style-type: none"> <li>Extensive open space</li> <li>Walking trails</li> <li>Disc golf course</li> <li>Home to many festivals and events</li> </ul>
Maggie Walker Governor's School Athletic Fields	Richmond	4.9	Maggie L Walker Governor's School Regional School Board	<ul style="list-style-type: none"> <li>Outdoor athletic fields</li> </ul>
Calhoun Community Center	Richmond	6.6	Richmond Redevelopment and Housing Authority (RRHA)	<ul style="list-style-type: none"> <li>Basketball courts</li> <li>Football field</li> <li>Baseball field</li> <li>Playground</li> </ul>
Canal Walk Plaza and Entrance	Richmond	3.8	City of Richmond	<ul style="list-style-type: none"> <li>Recreational trails and walking areas near the James River</li> <li>Site on the Chesapeake NHT</li> </ul>
Walker's Creek Retention Basin Park	Richmond	6.4	City of Richmond, Public Works	<ul style="list-style-type: none"> <li>Provides access to the walk along the floodwall south of the James River</li> </ul>

**Table 3.14-3: County/City and Other Local Parklands**

Resource Name	Alternative Area	Size (acres)	Ownership	Features
Monument Avenue Linear Park	Richmond	13	City of Richmond	<ul style="list-style-type: none"> <li>▪ In the median along Monument Avenue</li> <li>▪ Well-known Richmond landmark punctuated by statues memorializing Virginian Confederate generals and the Richmond native and tennis star Arthur Ashe</li> </ul>
Albert Hill Athletic Facility	Richmond	3.2	City of Richmond	<ul style="list-style-type: none"> <li>▪ Includes some outdoor recreational areas and a community garden</li> </ul>
Humphrey Calder Community Center and Garden	Richmond	5.4	City of Richmond	<ul style="list-style-type: none"> <li>▪ Richmond's largest park</li> <li>▪ System of parks along both sides of the James River as it passes through the city</li> </ul>
James River Park	Richmond	550	City of Richmond	<ul style="list-style-type: none"> <li>▪ Adjacent to the Humphrey Calder Community Center and Garden</li> <li>▪ Includes athletic fields</li> <li>▪ Site on the Chesapeake NHT</li> </ul>
Covington Road Properties	Richmond	6.6	City of Richmond	<ul style="list-style-type: none"> <li>▪ Currently consists of undeveloped land with a mix of open space and trees</li> <li>▪ No recreational facilities are provided at this location</li> </ul>
Hickory Hill Community Center and Elementary School	Richmond	7.2	City of Richmond	<ul style="list-style-type: none"> <li>▪ Basketball court</li> <li>▪ Playground</li> <li>▪ Ball field</li> <li>▪ Walking trail</li> </ul>
Libby Hill Park	Richmond	11	City of Richmond	<ul style="list-style-type: none"> <li>▪ One of the three original parks in Richmond's park system</li> <li>▪ Includes an ornamental fountain and small park house</li> <li>▪ Includes a monument erected in 1894 for Confederate soldiers and sailors</li> </ul>
Cannonball Triangle Park	Richmond	0.2	City of Richmond	<ul style="list-style-type: none"> <li>▪ Central element of the park is a stone monument to the Confederate Naval Yard in the James River just to the south of the monument</li> </ul>
Great Shiplock Park	Richmond	18	City of Richmond	<ul style="list-style-type: none"> <li>▪ Located along the northern bank of the James River</li> <li>▪ Includes the lowest of the historic Kanawha Canal locks as well as an interpretive display</li> </ul>

**Table 3.14-3: County/City and Other Local Parklands**

Resource Name	Alternative Area	Size (acres)	Ownership	Features
<b>Chesterfield County</b>				
Falling Creek Linear Park	Richmond	93	Chesterfield County	<ul style="list-style-type: none"> <li>▪ In development</li> <li>▪ Ironworks are open for free tours by reservation only</li> <li>▪ Remainder of the park is adjacent to Falling Creek and is primarily wooded</li> </ul>
Bensley Elementary School	Richmond	3.8	Chesterfield County	<ul style="list-style-type: none"> <li>▪ Athletic fields</li> <li>▪ Playgrounds</li> <li>▪ Separated from railroad by sliver of land belonging to Bellwood Supply Depot, which is part of an active military installation</li> <li>▪ School playground is fenced with no access to Bellwood Supply Depot land or the railroad tracks</li> </ul>
Gates Mill Park	Richmond	11	Chesterfield County	<ul style="list-style-type: none"> <li>▪ Hiking trails</li> </ul>

**Table 3.14-7: Section 4(f) Resources**

Location (City/County)	Alternative Area	Resource
Arlington County	Arlington	Long Bridge Park
Arlington County	Arlington	Roaches Run Waterfowl Sanctuary
Arlington County, City of Alexandria	Northern Virginia	George Washington Memorial Parkway
Arlington County, City of Alexandria	Northern Virginia	Mount Vernon Trail
Arlington County	Northern Virginia	Four Mile Run Trail
City of Alexandria	Northern Virginia	Daingerfield Island Park
City of Alexandria	Northern Virginia	Potomac Yard Landbay N
City of Alexandria	Northern Virginia	Potomac Greens Park
City of Alexandria	Northern Virginia	Potomac Yard Park
City of Alexandria	Northern Virginia	Swann Finger Park
City of Alexandria	Northern Virginia	Rail Park
City of Alexandria	Northern Virginia	Custis Linear/Finger Park
City of Alexandria	Northern Virginia	Howell Linear
City of Alexandria	Northern Virginia	Holmes Run Trail
City of Alexandria	Northern Virginia	Eisenhower Avenue Trail
City of Alexandria	Northern Virginia	Braddock Park
City of Alexandria	Northern Virginia	Metro Linear Park
City of Alexandria	Northern Virginia	King Street Gardens
City of Alexandria	Northern Virginia	Hooff's Run Park and Greenway
City of Alexandria	Northern Virginia	Cameron Run Regional Park
City of Alexandria	Northern Virginia	Buchanan Park
City of Alexandria	Northern Virginia	Sunset Mini Park
City of Alexandria	Northern Virginia	Dog Run Park at Carlyle
City of Alexandria	Northern Virginia	Witter Fields
City of Alexandria	Northern Virginia	Clermont National Park
City of Alexandria	Northern Virginia	Joseph Hensley Park
Fairfax County	Northern Virginia	Fairfax County Parkway Trail
Fairfax County	Northern Virginia	Unnamed WMATA Metro Trail near Springfield Forest

**Table 3.14-7: Section 4(f) Resources**

Location (City/County)	Alternative Area	Resource
Fairfax County	Northern Virginia	Cross County Trail
Fairfax County	Northern Virginia	Backlick Stream Valley Park
Fairfax County	Northern Virginia	Franconia Forest Park
Fairfax County	Northern Virginia	Loisdale Park
Fairfax County	Northern Virginia	Accotink Stream Valley Park
Fairfax County	Northern Virginia	Pohick Stream Valley Park
Fairfax County	Northern Virginia	Mason Neck Park
Fairfax County	Northern Virginia	Old Colchester Preserve and Park
Prince William County	Northern Virginia	Featherstone National Wildlife Refuge
Prince William County	Northern Virginia	Leesylvania State Park
Prince William County	Northern Virginia	Jefferson Park Site
Prince William County	Northern Virginia	Veteran Memorial Park
Prince William County	Northern Virginia	Marumsco Acre Lake Park
Prince William County	Northern Virginia	Cockpit Point Battlefield Heritage Park
Stafford County	Northern Virginia	Widewater State Park
City of Fredericksburg	Fredericksburg	Cobblestone Park
City of Fredericksburg	Fredericksburg	Virginia Central Railway Trail
Spotsylvania County, City of Fredericksburg	Fredericksburg and Central Virginia	Fredericksburg and Spotsylvania National Military Park
Spotsylvania County	Fredericksburg	Mary Lee Carter Park
Caroline County	Central Virginia	Mattaponi State Wildlife Management Area
Hanover County	Ashland	Railside Park
Hanover County	Ashland	Carter Park
Hanover County and Town of Ashland	Ashland	Ashland Trolley Line
Henrico County	Ashland	Hunton Community Center and Park
Henrico County	Richmond	RF&P Park
Henrico County	Richmond	Laurel Recreation Area
City of Richmond	Richmond	Joseph Bryan Park
City of Richmond	Richmond	Maggie Walker Governor's School Fields



**Table 3.14-7: Section 4(f) Resources**

Location (City/County)	Alternative Area	Resource
City of Richmond	Richmond	Calhoun Community Center
City of Richmond	Richmond	Canal Walk Plaza and Entrance
City of Richmond	Richmond	Monument Avenue Linear Park
City of Richmond	Richmond	Libby Hill Park
City of Richmond	Richmond	Cannonball Triangle Park
City of Richmond	Richmond	Great Shiplock Park
City of Richmond	Richmond	Walker's Creek Retention Basin Park
City of Richmond	Richmond	Albert Hill Athletic Facility
City of Richmond	Richmond	Humphrey Calder Community Center and Garden
City of Richmond	Richmond	James River Park
City of Richmond	Richmond	Hickory Hill Community Center and Elementary School
City of Richmond	Richmond	Covington Road Properties
City of Richmond	Richmond	Virginia Capital Trail
City of Richmond	Richmond	Retention Basin Park Walkway
Chesterfield County	Richmond	Falling Creek Linear Park and Iron Works
Chesterfield County	Richmond	Bensley Elementary School
Chesterfield County	Richmond	Gates Mill Park

**Table 4.10-4: Confirmed Anadromous Fish Use Waters**

Water	Alternative(s)	Confirmed or Potential Species	Anticipated Impacts (Acres)
Four Mile Run	2A	Striped Bass, Yellow Perch	P: 0.03 T: 0.29
Occoquan River	2A	Alewife, American Shad, Blueback Herring, Hickory Shad, Striped Bass, Yellow Perch	P: 0.54 T: 0.66
Neabsco Creek	2A	Striped Bass	P: 0.55 T: 0.70
Powells Creek	2A	Striped Bass, Yellow Perch	P: 0.75 T: 0.97
Aquia Creek	2A	American Shad, Blueback Herring, Striped Bass, Yellow Perch	P: 1.03 T: 1.23
Claiborne Run	3A	Potential anadromous fish use waters	P: 0.06 T: 0.03
	3B		P: 0.28 T: 0.08
	3C		P: 0.08 T: 0.05
Rappahannock River	3B	Alewife, American Shad, Blueback Herring, Hickory Shad, Striped Bass, Yellow Perch	P: 0.42 T: 0.47
	3C		P: 0.48 T: 1.09
Mattaponi River	4A	American Shad, Blueback Herring, Striped Bass, Yellow Perch	P: 0.11 T: 0.26
North Anna River	4A	American Shad, Blueback Herring, Hickory Shad, Striped Bass, Yellow Perch	P: 0.08 T: 0.04
Little River	4A	Yellow Perch	P: 0.04 T: 0.02
South Anna River	5A, 5A–Ashcake, 5B, 5B–Ashcake, 5C, 5C–Ashcake, 5D–Ashcake	Alewife, American Shad, Blueback Herring, Hickory Shad, Striped Bass	P: 0.07 T: 0.03
James River	6B–S-Line, 6D	American Shad, Blueback Herring, Striped Bass, Yellow Perch	P: 0.80 T: 1.27
	6F, 6G		P: 0.76 T: 1.31
Falling Creek	6A, 6B–A-Line, 6C, 6E	Potential anadromous fish use waters	P: 0.08 T: 0.04

**Table 4.11-1: Commercial Relocations by Build Alternative**

Area	Alternative	Stafford County		Hanover County	Henrico County	City of Richmond				Total
		O	GC	GC	GC	GC	S/W	M/A	O	
Area 3: Fredericksburg (Dahlgren Spur to Crossroads)	3B	1	0							1
	3C	0	1							1
Area 5: Ashland (Doswell to I-295)	5A			1						1
	5A–Ashcake			1						1
	5B			1						1
	5B–Ashcake			1						1
	5C			1						1
	5C–Ashcake			1						1
	5D–Ashcake			1						1
Area 6: Richmond (I-295 to Centralia)	6A				5	1	0	4	0	10
	6B–A-Line				5	2	4	7	0	18
	6B–S-Line				5	0	2	2	1	10
	6C				5	1	1	5	3	15
	6D				5	0	2	2	1	10
	6E				5	1	0	4	0	10
	6F				5	0	2	2	1	10
	6G				5	0	2	2	1	10

This table includes only the build alternatives with commercial relocations. Shaded cells represent localities not traversed by alternatives. O=Other; GC=General Commercial; S/W=Storage/Warehousing; M/A=Manufacturing/Auto Repair

**Table 4.11-2: Residential Relocations by Build Alternative**

Area	Alternative	City/County											Total	
		Arlington County	City of Alexandria	Fairfax County	Prince William County	Stafford County	City of Fredericksburg	Spotsylvania County	Caroline County	Hanover County	Henrico County	City of Richmond		Chesterfield County
Area 1: Arlington (Long Bridge Approach)	1A	0												0
	1B	0												0
	1C	0												0
Area 2: Northern Virginia (Long Bridge to Dahlgren Spur)	2A		0	0	2	0								2
Area 3: Fredericksburg (Dahlgren Spur to Crossroads)	3A					0	0	0						0
	3B					0	0	0						0
	3C					1		18	0					19
Area 4: Central Virginia (Crossroads to Doswell)	4A							0	0					0
Area 5: Ashland (Doswell to I-295)	5A								0					0
	5A–Ashcake								0					0
	5B								0					0
	5B–Ashcake								0					0
	5C								21					21
	5C–Ashcake								21					21
	5D–Ashcake								0					0
Area 6: Richmond (I-295 to Centralia)	6A										7	5	0	12
	6B–A-Line										7	5	0	12
	6B–S-Line										7	0	0	7
	6C										7	105	0	112
	6D										7	0	0	7
	6E										7	5	0	12
	6F										7	0	0	7
	6G										7	0	0	7

Note: Shaded cells represent localities not traversed by alternatives.