INTERSTATE 95 HOV /HOT LANES

VDOT

September 2011

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES INTERCHANGE JUSTIFICATION REPORT

I-95 HOV/HOT Lane Project Configuration

Figure: ES-1m **Scale:** 1" - 500' **Date:** November 21, 2011 ***FINAL***

INTERSTATE 95 HOV /HOT LANES

VDOT

September 2011

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES INTERCHANGE JUSTIFICATION REPORT

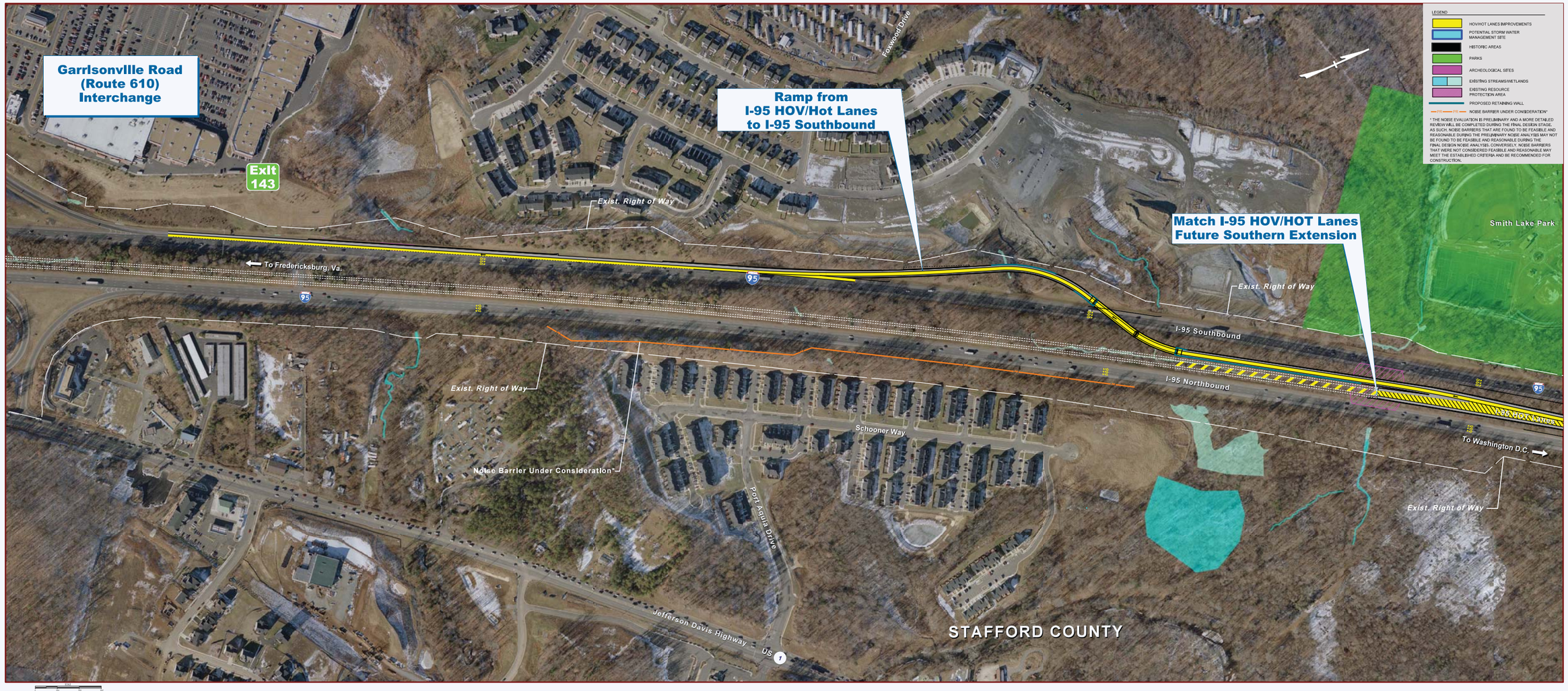
I-95 HOV/HOT Lane Project Configuration

Figure: ES-1n	**Scale:** 1" - 500'	**Date:** November 21, 2011	***FINAL***

HOV / HOT LANES

Southern Terminus - Garrisonville Rd. to Dumfries Rd.
Stafford County, VA

VDOT



September 2011

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

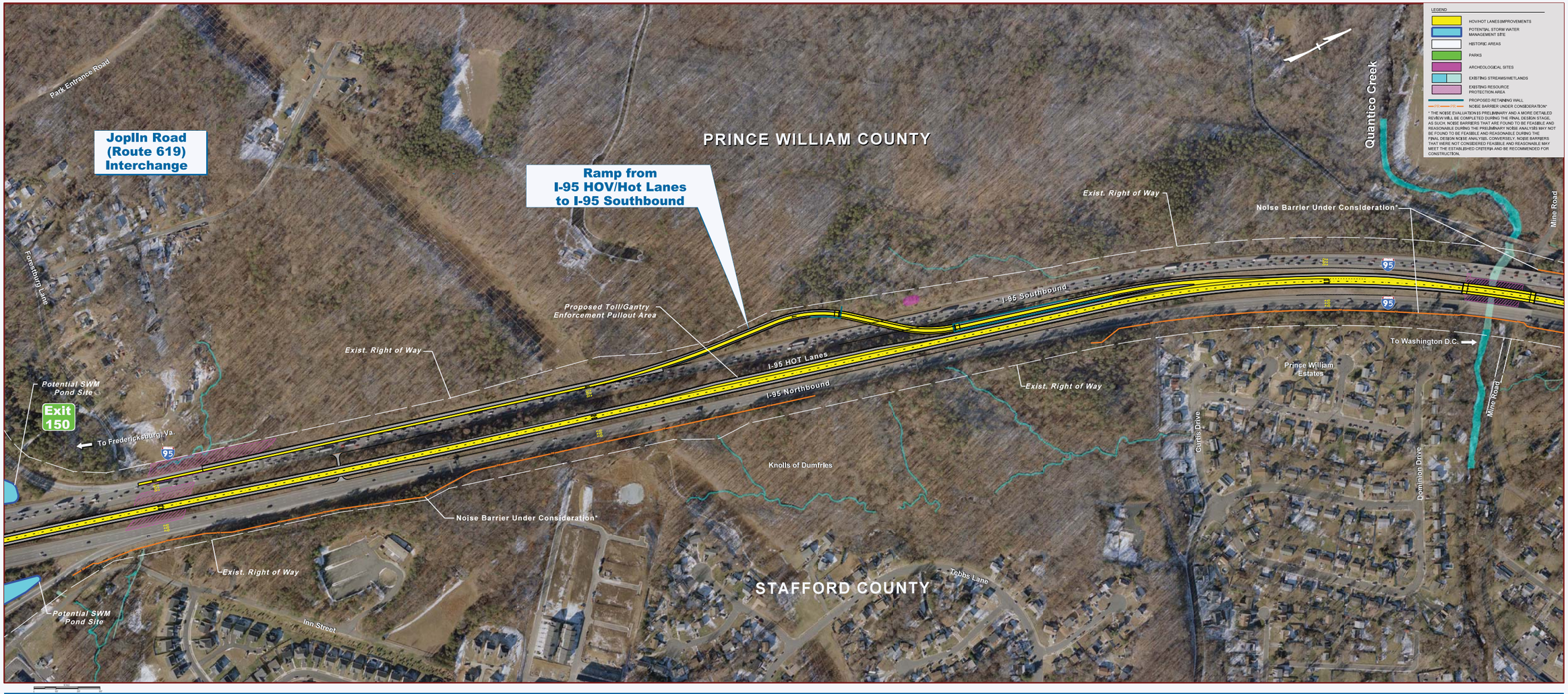
Southern Terminus – Interim Configuration

Figure: ES-2 | **Scale:** 1” - 500’ | **Date:** November 21, 2011 | ***FINAL***

I-95 HOV / HOT LANES

Southern Terminus - Garrisonville Rd. to Dumfries Rd.
Prince William and Stafford County, VA

VDOT



September 2011

VDOT Virginia Department of Transportation

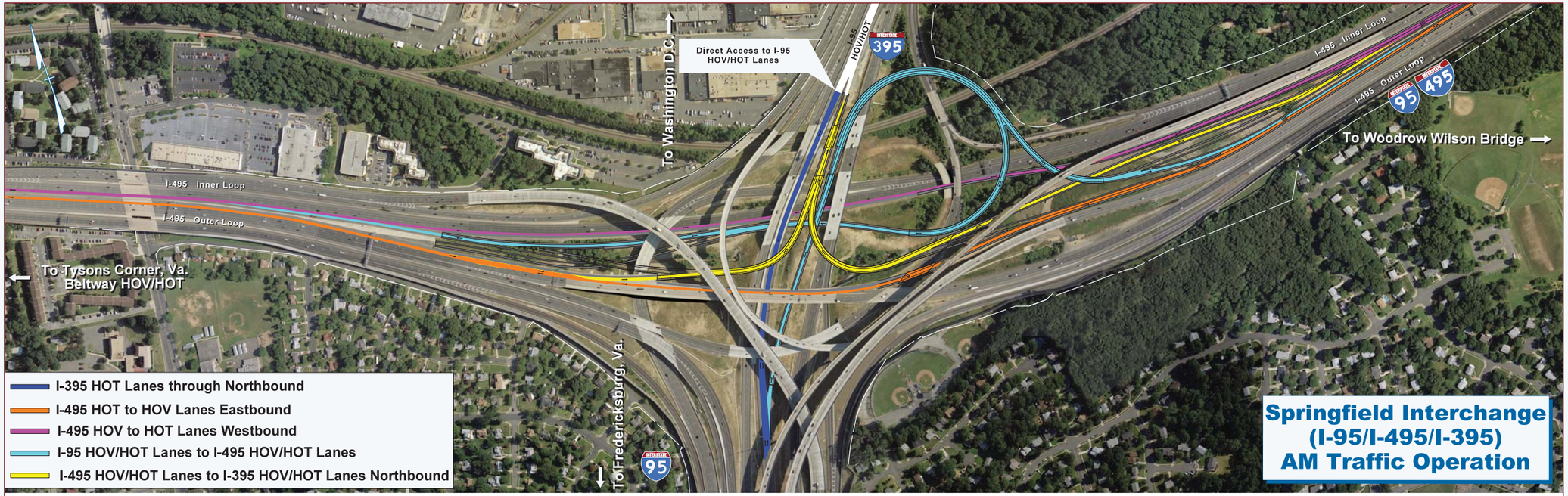
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES INTERCHANGE JUSTIFICATION REPORT

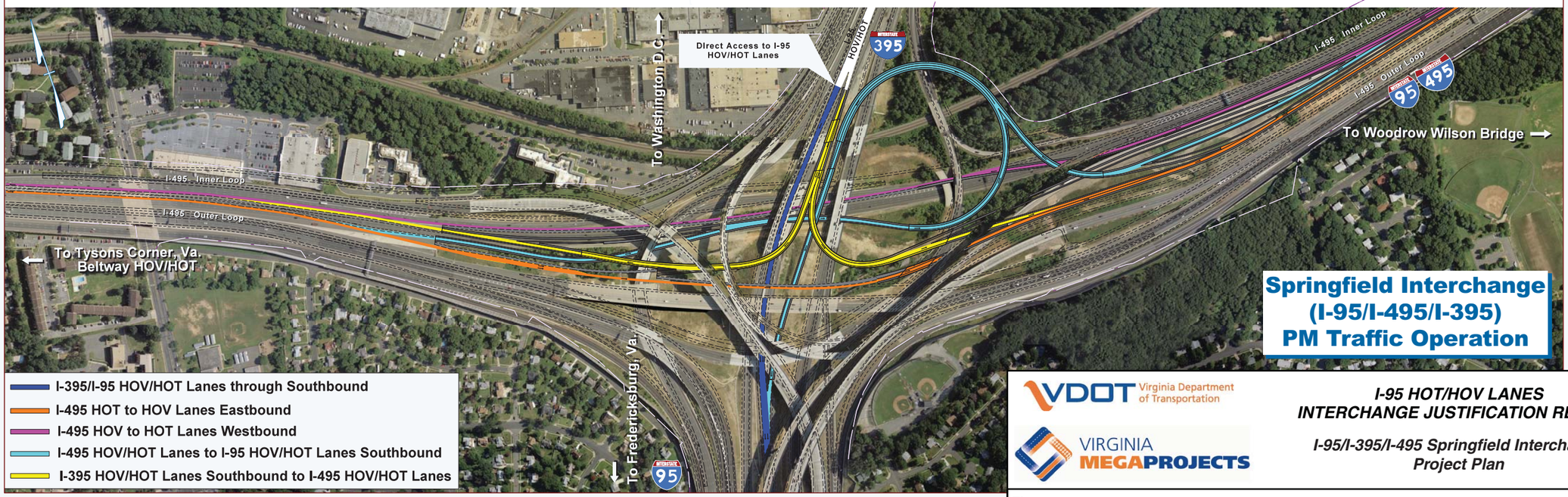
Southern Terminus – Final Configuration

Figure: ES-3	**Scale: 1” - 500’**	**Date: November 21, 2011**	***FINAL***

HOV / HOT LANES



Springfield Interchange (I-95/I-495/I-395) AM Traffic Operation



Springfield Interchange (I-95/I-495/I-395) PM Traffic Operation

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES INTERCHANGE JUSTIFICATION REPORT

I-95/I-395/I-495 Springfield Interchange Project Plan

Figure: 1-1	Scale: 1" - 500'	Date: November 21, 2011	***FINAL***

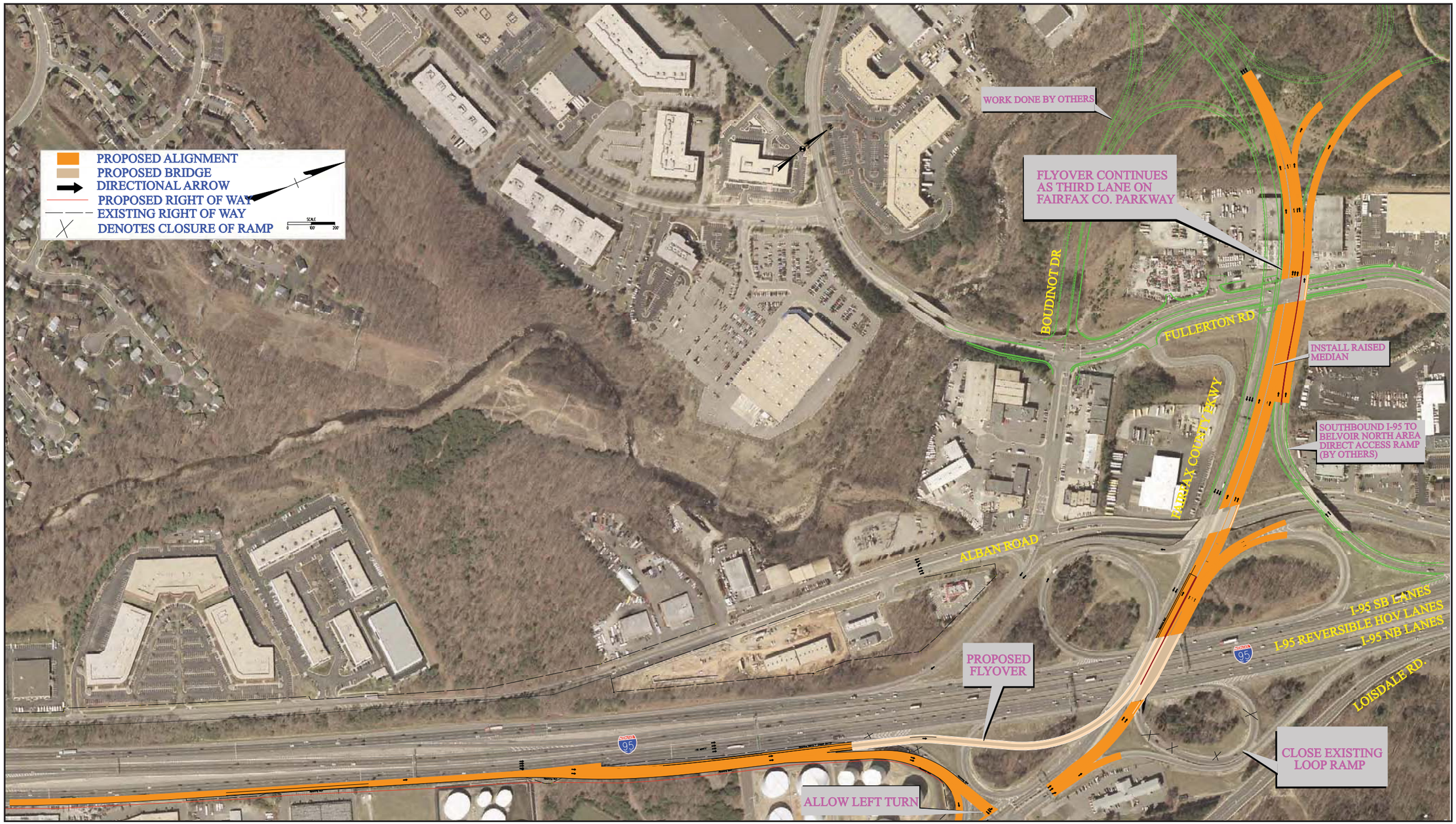
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES INTERCHANGE JUSTIFICATION REPORT

Fairfax County Parkway Fort Belvoir North Area Access Roadways Plan

Figure: 1-2 | **Scale:** 1" - 500' | **Date:** November 21, 2011 | ***FINAL***



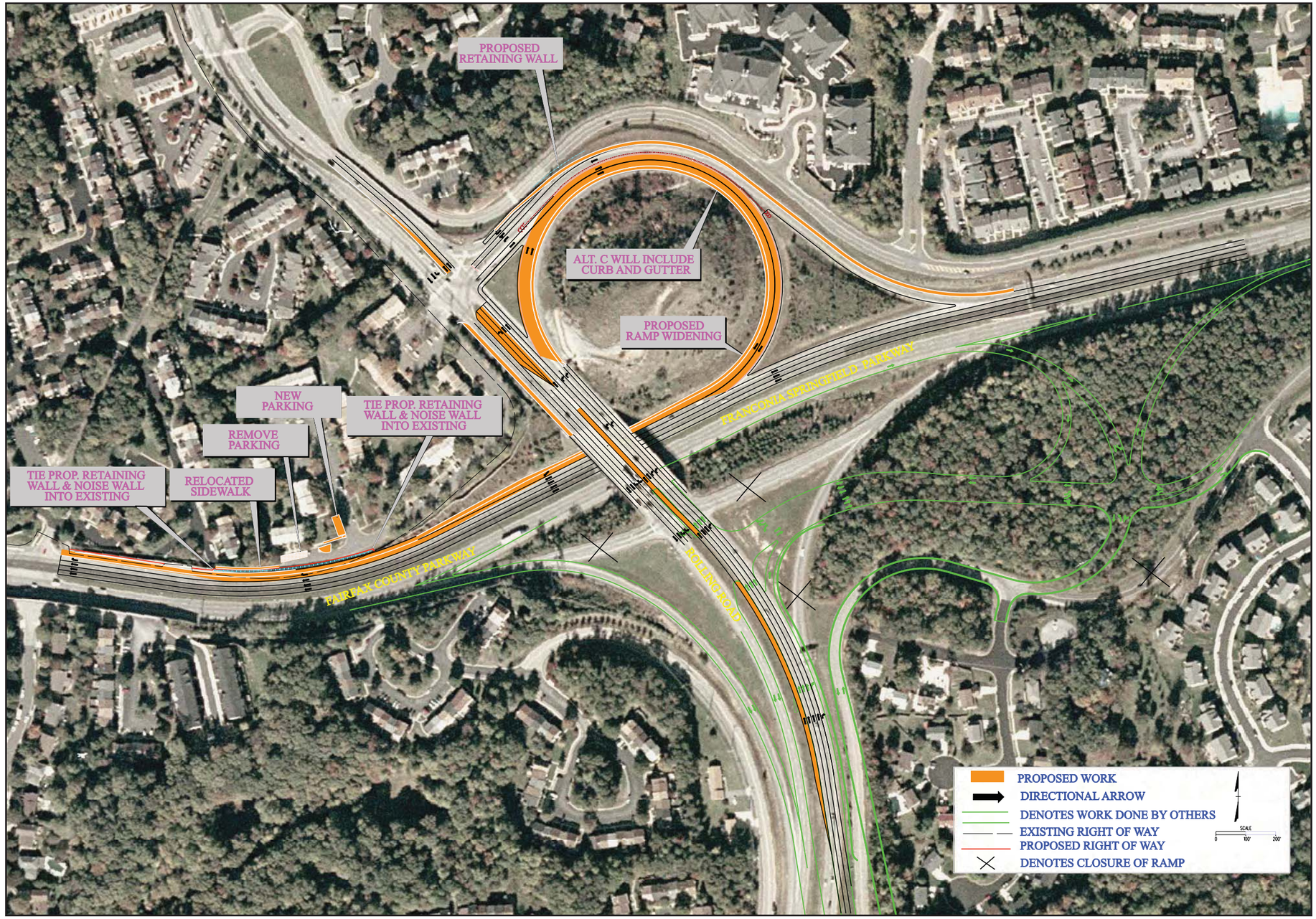
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

Fairfax County Parkway Interchange Improvement Project Plan

Figure: 1-3 | **Scale:** 1" - 500' | **Date:** November 21, 2011 | ***FINAL***



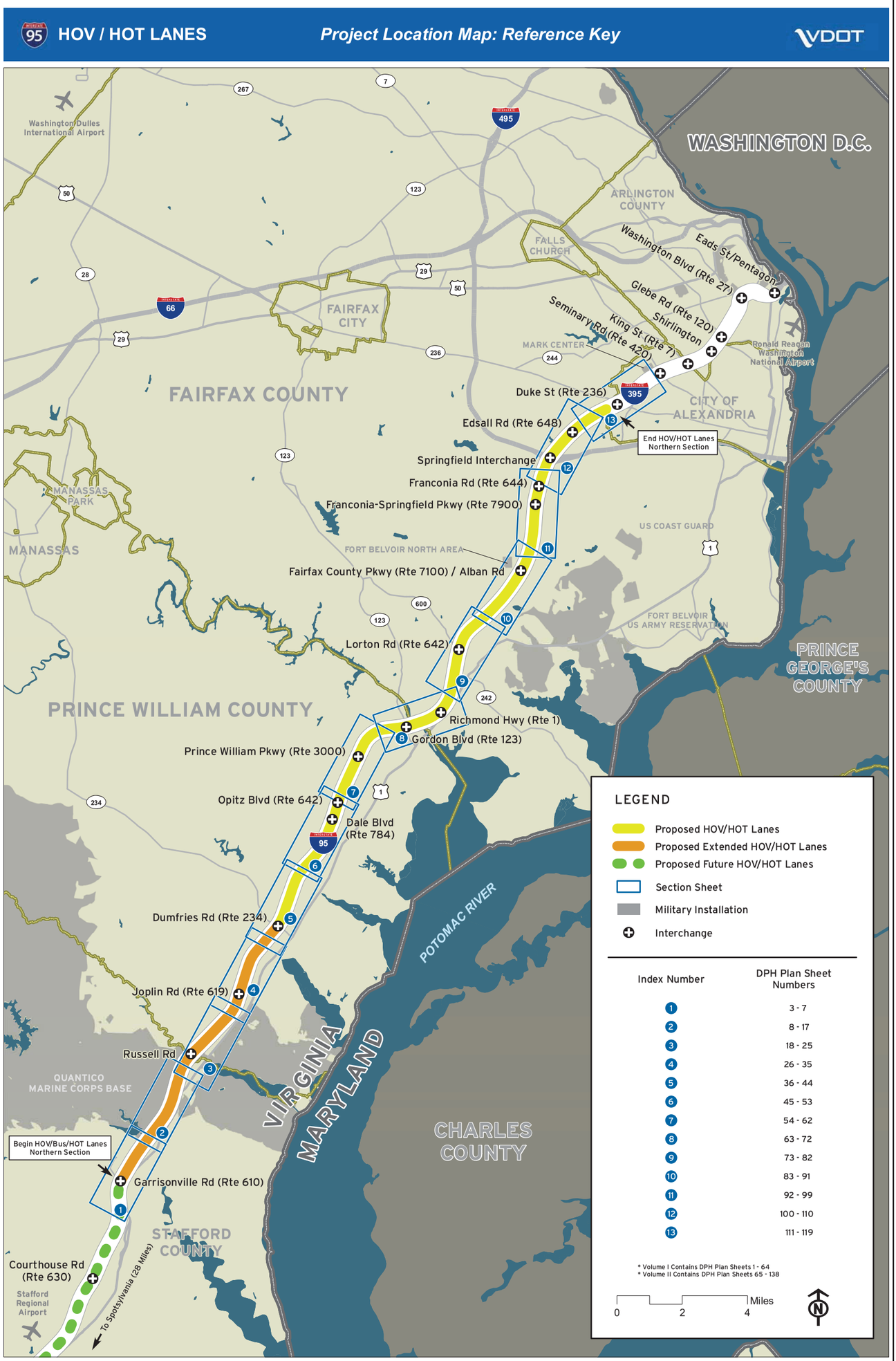
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

Fairfax County Parkway Interchange Improvement Project Plan

Figure: 1-3b | **Scale:** 1" - 500' | **Date:** November 21, 2011 | ***FINAL***



VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

I-95 HOV/HOT Lane Project Configuration

Figure: 1-1a I | Scale: 1" = 500' | Date: November 21, 2011 | *FINAL*

95 HOV / HOT LANES

VDOT

September 2011

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

I-95 HOV/HOT Lane Project Configuration

Figure: 1-1b I	**Scale: 1" = 500'**	**Date:** November 21, 2011	***FINAL***

95 HOV / HOT LANES

VDOT

September 2011

VDOT Virginia Department of Transportation VIRGINIA MEGAPROJECTS	*I-95 HOT/HOV LANES INTERCHANGE JUSTIFICATION REPORT* *I-95 HOV/HOT Lane Project Configuration*		
Figure: 1-1c I	**Scale:** 1" = 500'	**Date:** November 21, 2011	*FINAL*

INTERSTATE 95 HOV / HOT LANES

VDOT

September 2011

VDOT Virginia Department of Transportation VIRGINIA MEGAPROJECTS			***I-95 HOT/HOV LANES INTERCHANGE JUSTIFICATION REPORT*** ***I-95 HOV/HOT Lane Project Configuration***
Figure: 1-1d I	**Scale: 1" = 500'**	**Date:** November 21, 2011	***FINAL***

HOV / HOT LANES

VDOT

PRINCE WILLIAM COUNTY

Joplin Road (Route 619) Interchange

Forest Greens Golf Course

POA Annua Lane

Joplin Road

Park Entrance Road

Foresburg Lane

Locust Shade Park

Potential SWM Pond Site

Exist. Right of Way

To Fredericksburg, Va.

Proposed Toll/Gantry Enforcement Pullout Area

I-95 Southbound

I-95 HOT Lanes

I-95 Northbound

Exit 150

Knolls of Dumfries

Tebbs Lane

Inn Street

Noise Barrier Under Consideration*

Triangle

Quantico Gateway Drive

Anderson Street

Main Street

Corby Street

Jefferson Davis Highway

Quantico Triangle Mobile Home

Graham Park Road

Curtis Drive

Quantico Creek

Mine Road

Barron Heights Road

Noise Barrier Under Consideration*

Exist. Right of Way

Vanburen Road

Prince William Estates

Dumfries Elementary School

Dominion Drive

Duke Street

Cedar Knoll Mobile Home

To Washington D.C.

South Fraley Blvd.

Main Street

National Memorial of the Marine Corps

Ingress and Egress Ramps

- HOT Lanes to I-95 Southbound south of Dumfries Road
- I-95 Northbound to HOT Lanes south of Dumfries Road
- HOT Lanes to I-95 Southbound north of Joplin Road

LEGEND

- HOV/HOT LANES IMPROVEMENTS
- POTENTIAL STORM WATER MANAGEMENT SITE
- HISTORIC AREAS
- PARKS
- ARCHEOLOGICAL SITES
- EXISTING STREAMS/WETLANDS
- EXISTING RESOURCE PROTECTION AREA
- PROPOSED RETAINING WALL
- NOISE BARRIER UNDER CONSIDERATION*
- NEW PROPOSED RAMPS
- EXISTING RAMPS TO BE MODIFIED
- EXISTING RAMPS TO BE REMOVED

* THE NOISE EVALUATION IS PRELIMINARY AND A MORE DETAILED REVIEW WILL BE COMPLETED DURING THE FINAL DESIGN STAGE. AS SUCH, NOISE BARRIERS THAT ARE FOUND TO BE FEASIBLE AND REASONABLE DURING THE PRELIMINARY NOISE ANALYSIS MAY NOT BE FOUND TO BE FEASIBLE AND REASONABLE DURING THE FINAL DESIGN NOISE ANALYSIS. CONVERSELY, NOISE BARRIERS THAT WERE NOT CONSIDERED FEASIBLE AND REASONABLE MAY MEET THE ESTABLISHED CRITERIA AND BE RECOMMENDED FOR CONSTRUCTION.

September 2011

4

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES INTERCHANGE JUSTIFICATION REPORT

I-95 HOV/HOT Lane Project Configuration

Figure: 1-1c l	Scale: 1" = 500'	Date: November 21, 2011	*FINAL*

95 HOV /HOT LANES

VDOT

September 2011

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

I-95 HOV/HOT Lane Project Configuration

Figure: 1-1f I	**Scale:** 1" = 500'	**Date:** November 21, 2011	*FINAL*

INTERSTATE 95 HOV /HOT LANES

VDOT

September 2011

VDOT Virginia Department of Transportation

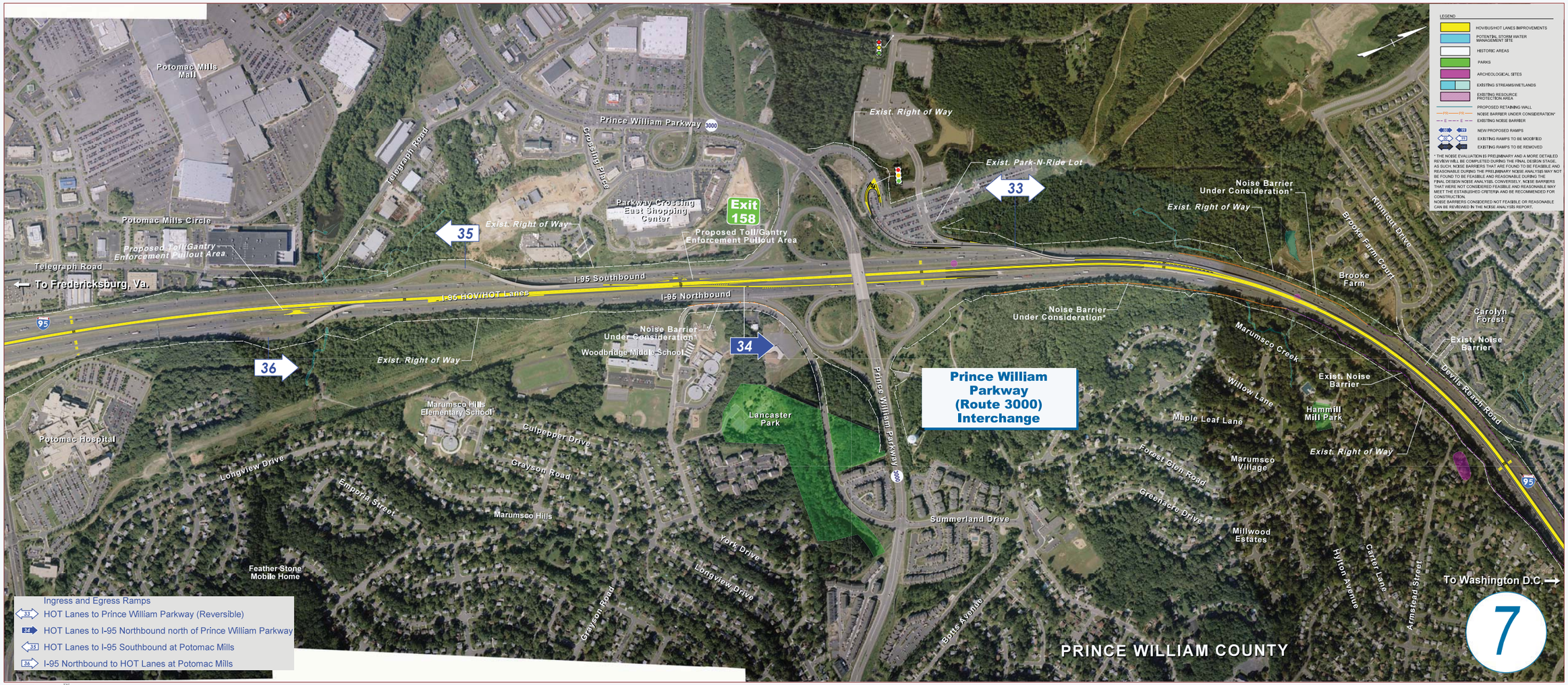
VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

I-95 HOV/HOT Lane Project Configuration

Figure: 1-1g I **Scale:** 1" = 500' **Date:** November 21, 2011 ***FINAL***

I-95 HOV /HOT LANES



September 2011

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

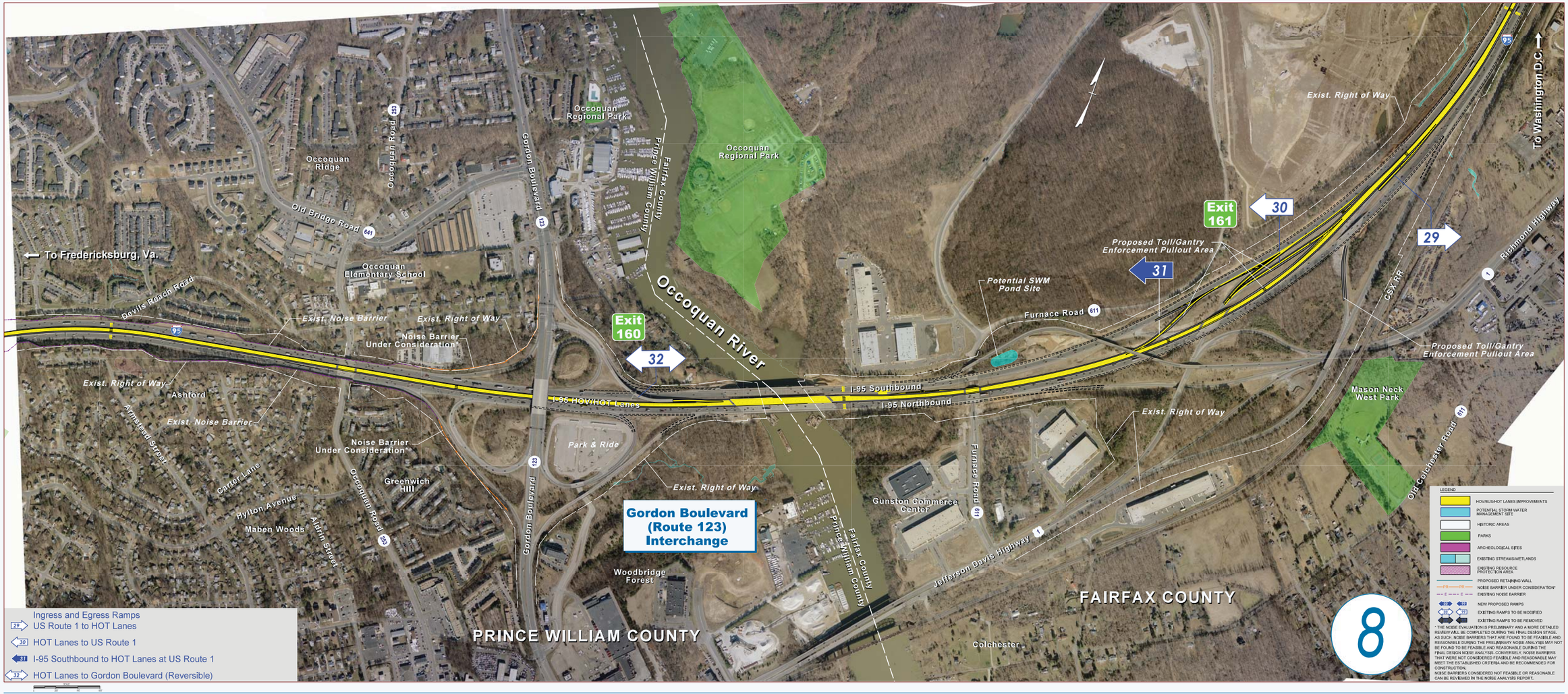
I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

I-95 HOV/HOT Lane Project Configuration

Figure: 1-1h I | **Scale:** 1" = 500' | **Date:** November 21, 2011 | *FINAL*

95 HOV /HOT LANES

VDOT



September 2011

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES INTERCHANGE JUSTIFICATION REPORT

I-95 HOV/HOT Lane Project Configuration

Figure: 1-1i l	Scale: 1" = 500'	Date: November 21, 2011	FINAL

I-95 HOV /HOT LANES

September 2011

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

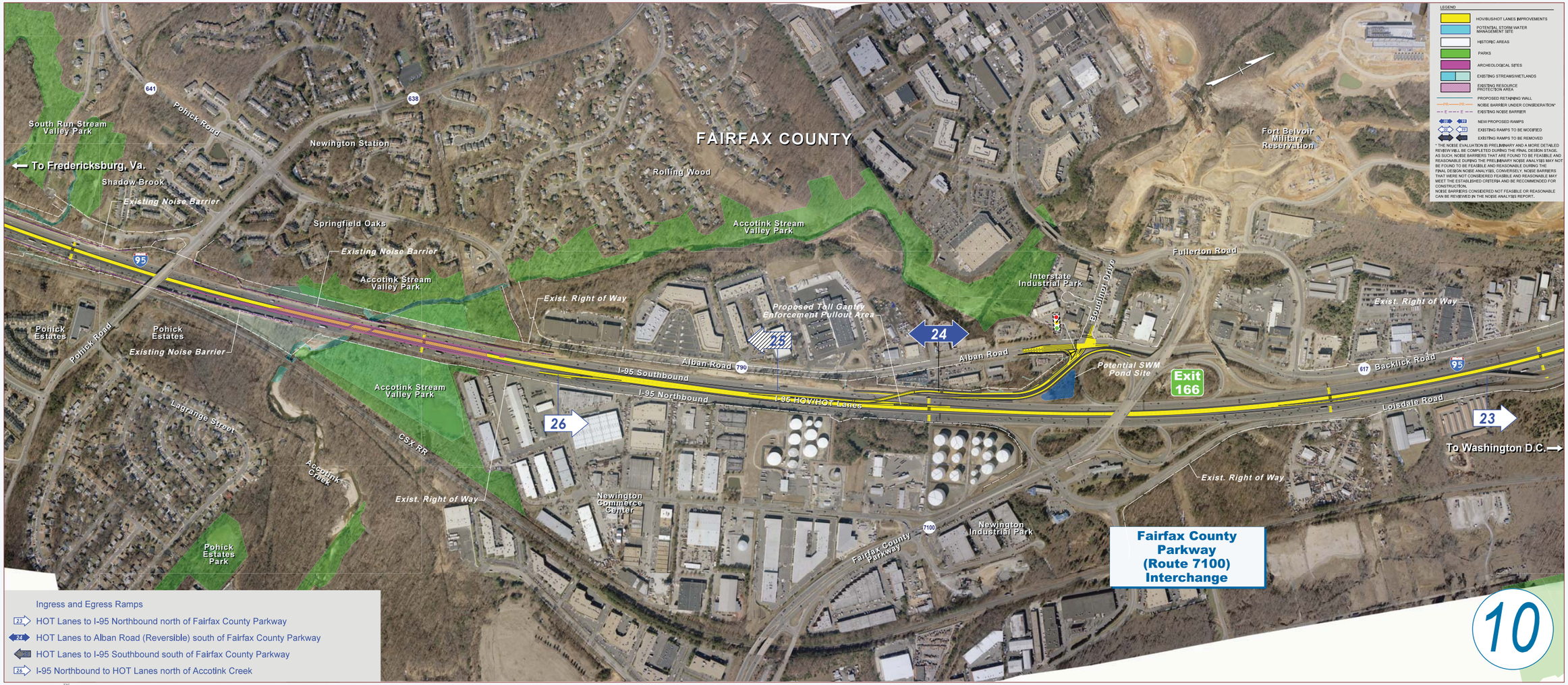
I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

I-95 HOV/HOT Lane Project Configuration

Figure: 1-1j I	Scale: 1" = 500'	Date: November 21, 2011	*FINAL*

I-95 HOV /HOT LANES

VDOT



September 2011

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

I-95 HOV/HOT Lane Project Configuration

Figure: 1-1k l	**Scale: 1" = 500'**	**Date:** November 21, 2011	***FINAL***

I-95 HOV /HOT LANES

VDOT

Ingress and Egress Ramps

16 Franconia Road Eastbound to HOT Lanes
17 HOT Lanes to Franconia Road Westbound
18 HOT Lanes to Franconia-Springfield Parkway (Reversible) South
19 HOT Lanes to Franconia-Springfield Parkway (Reversible) North
20 I-95 Northbound to HOT Lanes south of Franconia Road
21 HOT Lanes to I-95 Southbound south of Franconia Road
22 I-95 Southbound to HOT Lanes south of Franconia-Springfield Parkway

September 2011

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

I-95 HOV/HOT Lane Project Configuration

Figure: 1-1l l	Scale: 1" = 500'	Date: November 21, 2011	FINAL

INTERSTATE 95 HOV /HOT LANES

VDOT

September 2011

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES INTERCHANGE JUSTIFICATION REPORT

I-95 HOV/HOT Lane Project Configuration

Figure: 1-1ml	Scale: 1" = 500'	Date: November 21, 2011	FINAL

95 HOV /HOT LANES

September 2011

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

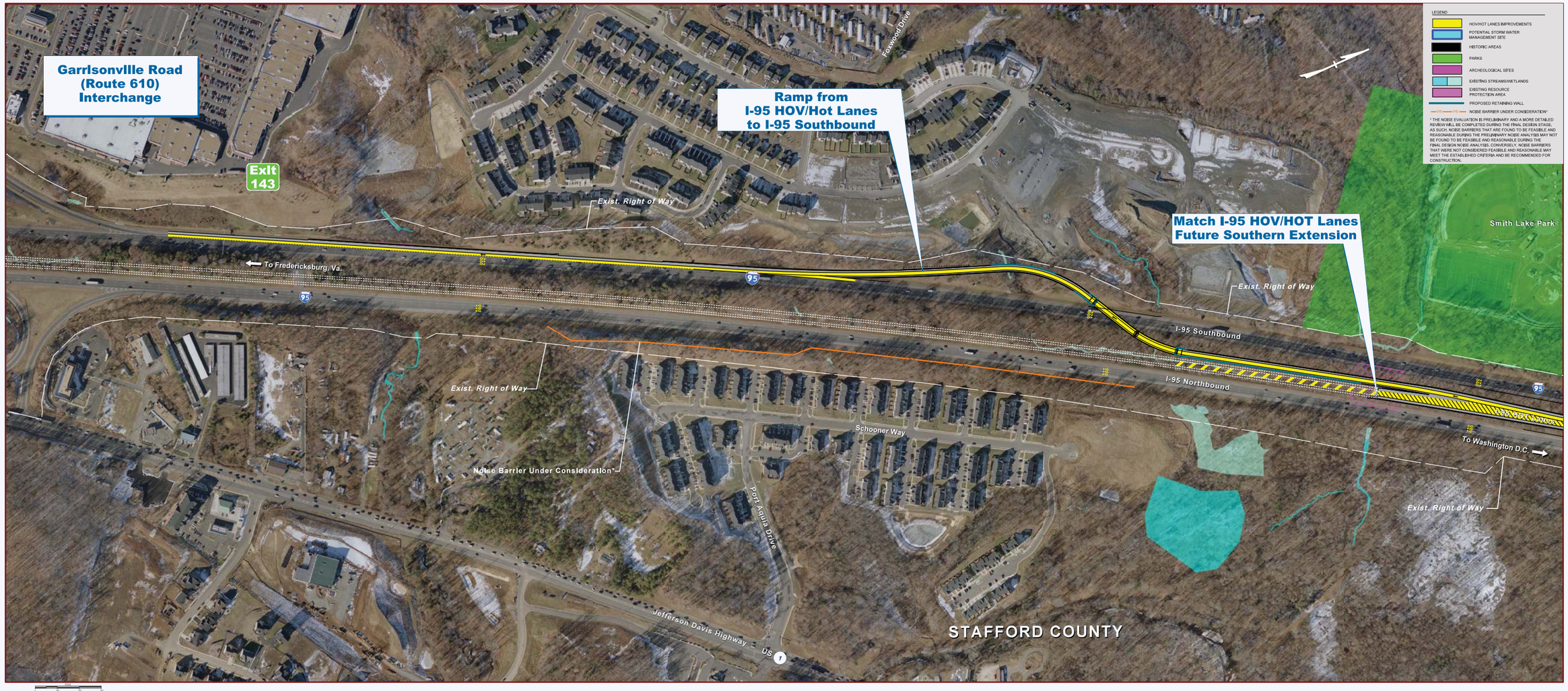
I-95 HOV/HOT Lane Project Configuration

Figure: 1-1n l	**Scale: 1" = 500'**	**Date:** November 21, 2011	***FINAL***

HOV / HOT LANES

Southern Terminus - Garrisonville Rd. to Dumfries Rd.
Stafford County, VA

VDOT



September 2011

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

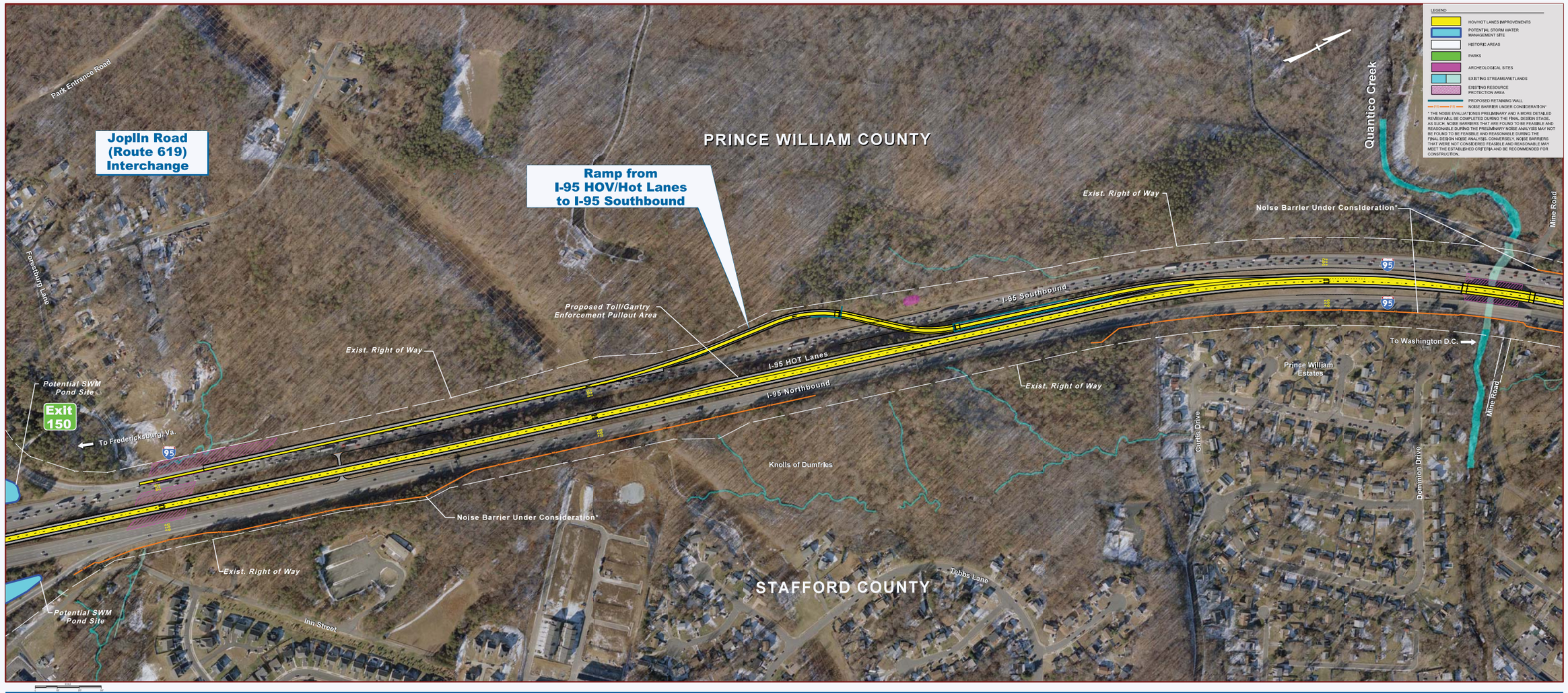
Southern Terminus – Interim Configuration

Figure: 1-2 I **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***

HOV / HOT LANES

Southern Terminus - Garrisonville Rd. to Dumfries Rd.
Prince William and Stafford County, VA

VDOT



September 2011

VDOT Virginia Department of Transportation

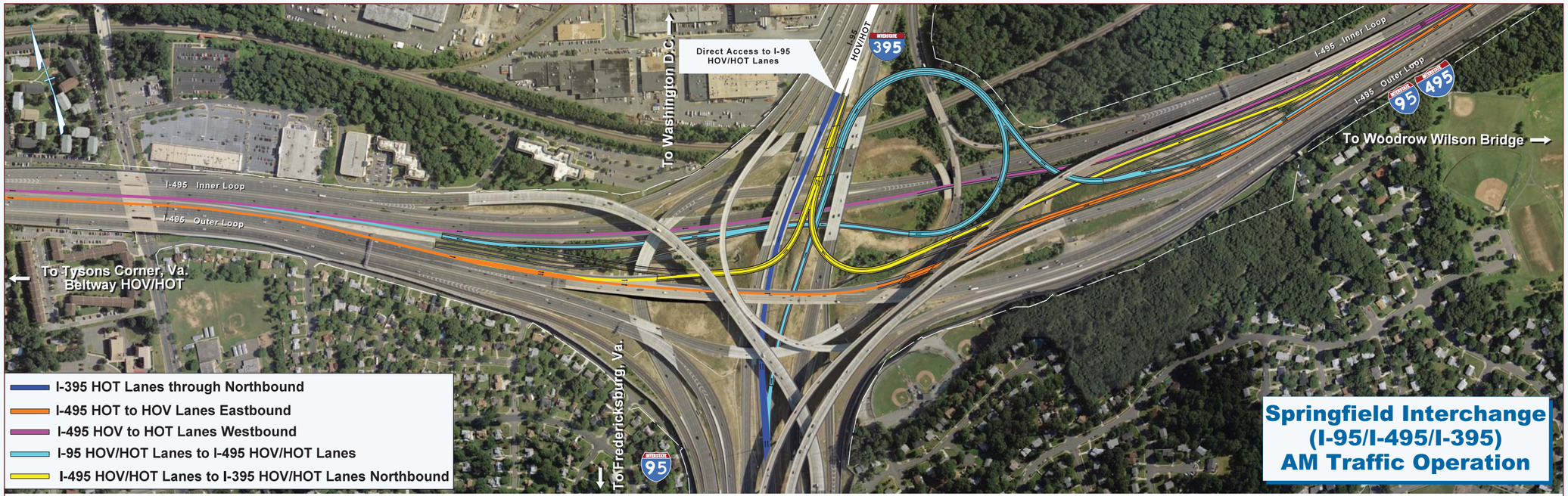
VIRGINIA MEGAPROJECTS

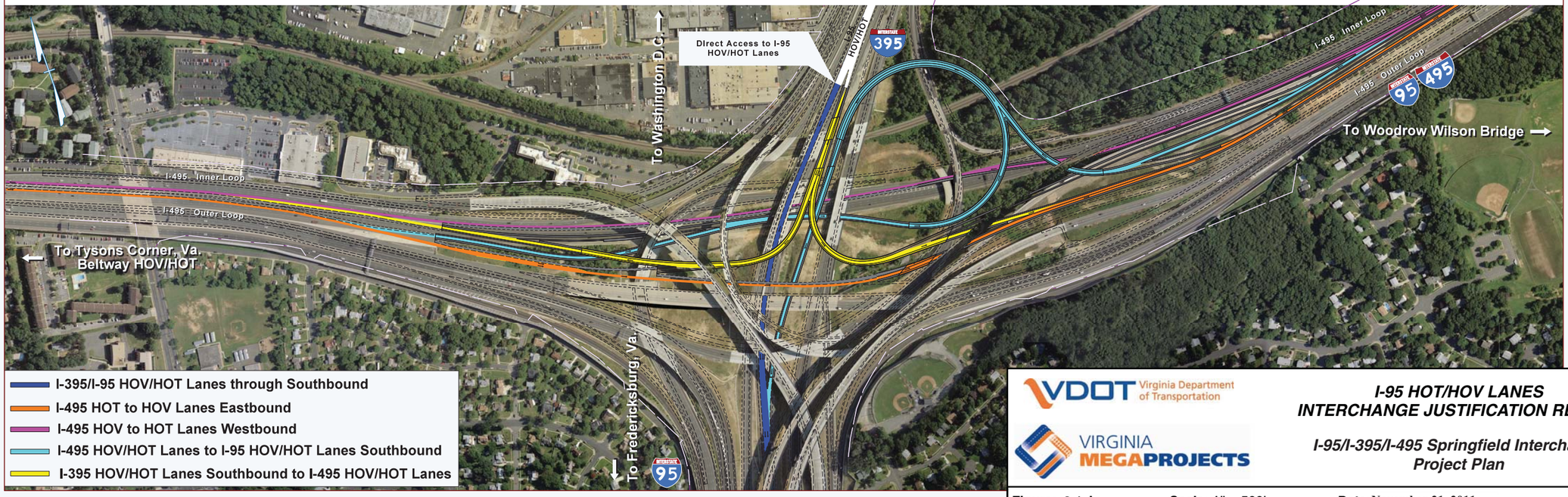
I-95 HOT/HOV LANES INTERCHANGE JUSTIFICATION REPORT

Southern Terminus – Final Configuration

Figure: 1-3 I	**Scale: 1" = 500'**	**Date:** November 21, 2011	***FINAL***

HOV / HOT LANES





VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

I-95/I-395/I-495 Springfield Interchange
Project Plan

Figure: 2-1 I	Scale: 1" = 500'	Date: November 21, 2011	*FINAL*

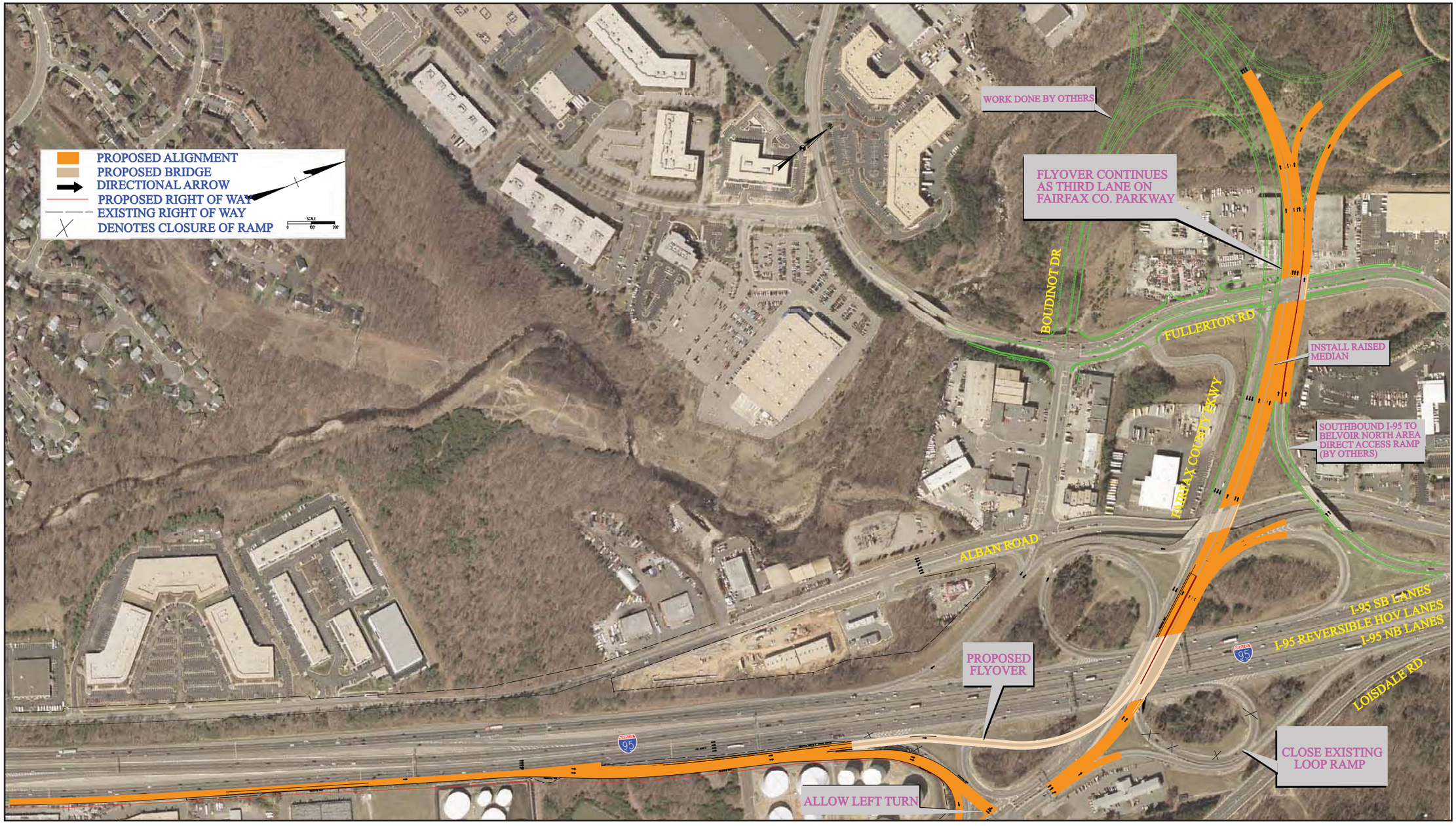
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES INTERCHANGE JUSTIFICATION REPORT

Fairfax County Parkway Fort Belvoir North Area Access Roadways Plan

Figure: 2-2 I **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***



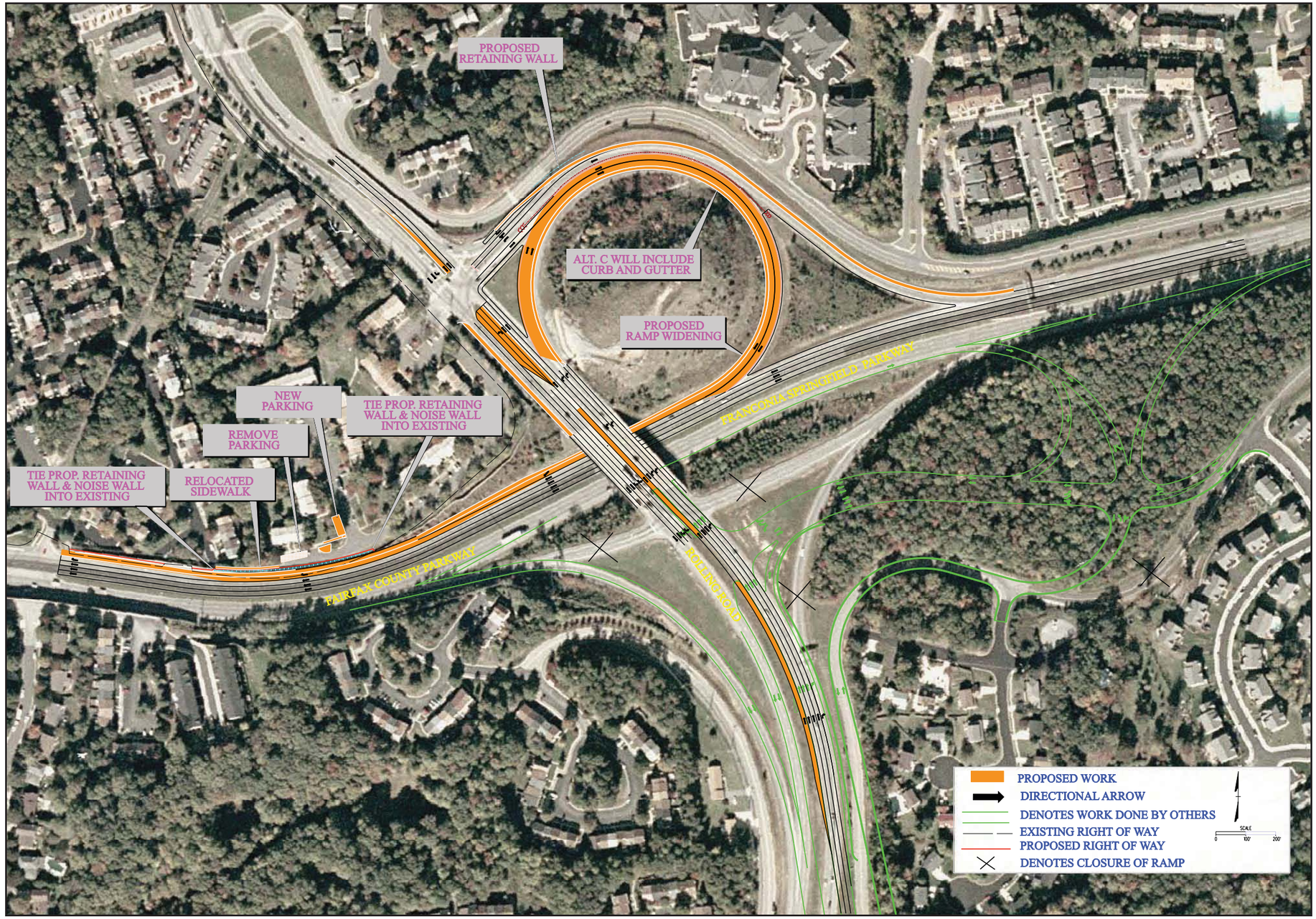
VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

Fairfax County Parkway Interchange Improvement Project Plan

Figure: 2-3a I **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***



VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

Fairfax County Parkway Interchange Improvement Project Plan

Figure: 2-3b I **Scale: 1" = 500'** **Date:** November 21, 2011 ***FINAL***

FIGURE 4-1
Study Area for the I-95 HOV/HOT Lanes Project

VDOT Virginia Department of Transportation

VIRGINIA MEGAPROJECTS

I-95 HOT/HOV LANES
INTERCHANGE JUSTIFICATION REPORT

Project Location Map

Figure: 4-1	Scale: 1" = 500'	Date: November 21, 2011	*FINAL*