

Item # 9

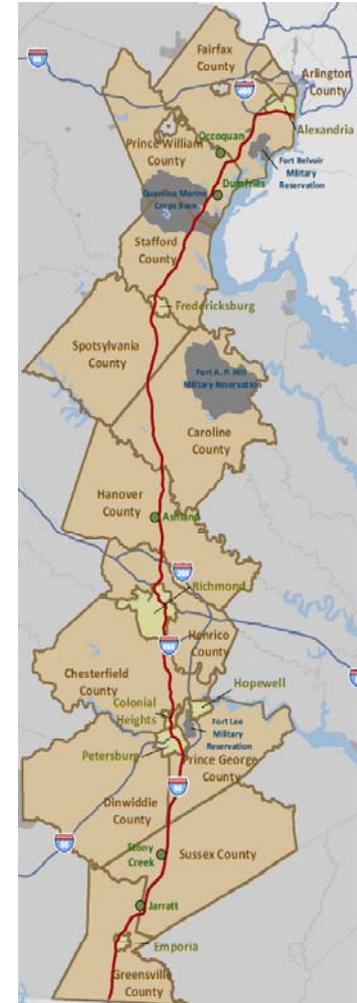


**Interstate 95 Corridor Improvement Program
National Capital Region Transportation Planning Board**

**April 18, 2012
Michael Estes, P.E.
Office of the Commissioner**

Virginia's Interstate 95

- Opened to Traffic in the 1950's
- 178 Miles from NC to DC
- Crosses 17 Jurisdictions
- 427 Structures
- 40% of the Interstate Traffic in Virginia
- Some of the Worst Congestion in the US
- 67 Fatal Crashes from 2008 to 2010



I-95 is a Critical Link for Virginia's Economy

- Serves 45% of Population
- Links 1.7 Million Jobs
- Connects Virginians to the World's Largest Regional Economy
- Links 8 Million Square Feet of Warehouse/Distribution Facilities
- Access to 3 International Airports
- Serves Richmond and Norfolk Ports





I-95 Needs

80% Mainline Bridges Over 40 Years Old

2/3 Portion of I-95 at or above Capacity by 2035

72% Mainline Pavement in Need of Maintenance

40% Projected Increase in Travel Time by 2035

\$12.1B Projected 25-Year Need

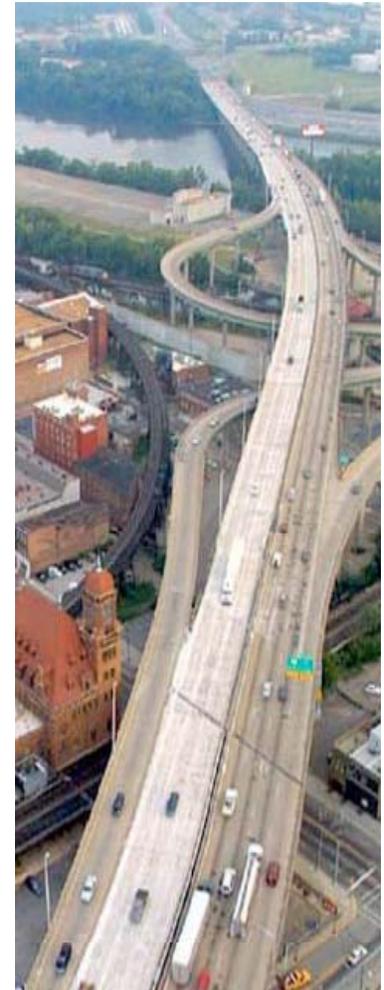
\$ 2.5B Projected 25-Year Funding at Current Levels

(\$ 9.6B) Funding Gap



Tolling Proposal Background

- **FHWA's Interstate System Reconstruction and Rehabilitation Pilot Program (ISRRPP) permits a State to toll an interstate facility**
 - Limited to three facilities in three different states
- **April 2010: VDOT submitted a proposal to toll I-95**
- **January 2011: VDOT submitted an expression of interest**
- **September 2011: FHWA granted conditional provisional approval**
- **The toll revenue will be used to make pavement, structural, operational, capacity, and safety improvements throughout the corridor**



Benefits of Tolling Revenue

Acceleration of an identified need (SYIP, CLRP, STP, and other priorities)

- **Safety**
 - Advances road safety audit findings
- **System Maintenance & Preservation**
 - Improves pavement quality and safety
 - Regular investment results in reduced and stabilized maintenance costs (pavement and structures)
- **Mobility (Capacity Improvements)**
 - Improves capacity and provides more reliable travel times
 - Enhances communication/information (Intelligent Transportation Systems)
- **Economic Vitality**
 - Supports growth of regional, statewide, and national economies

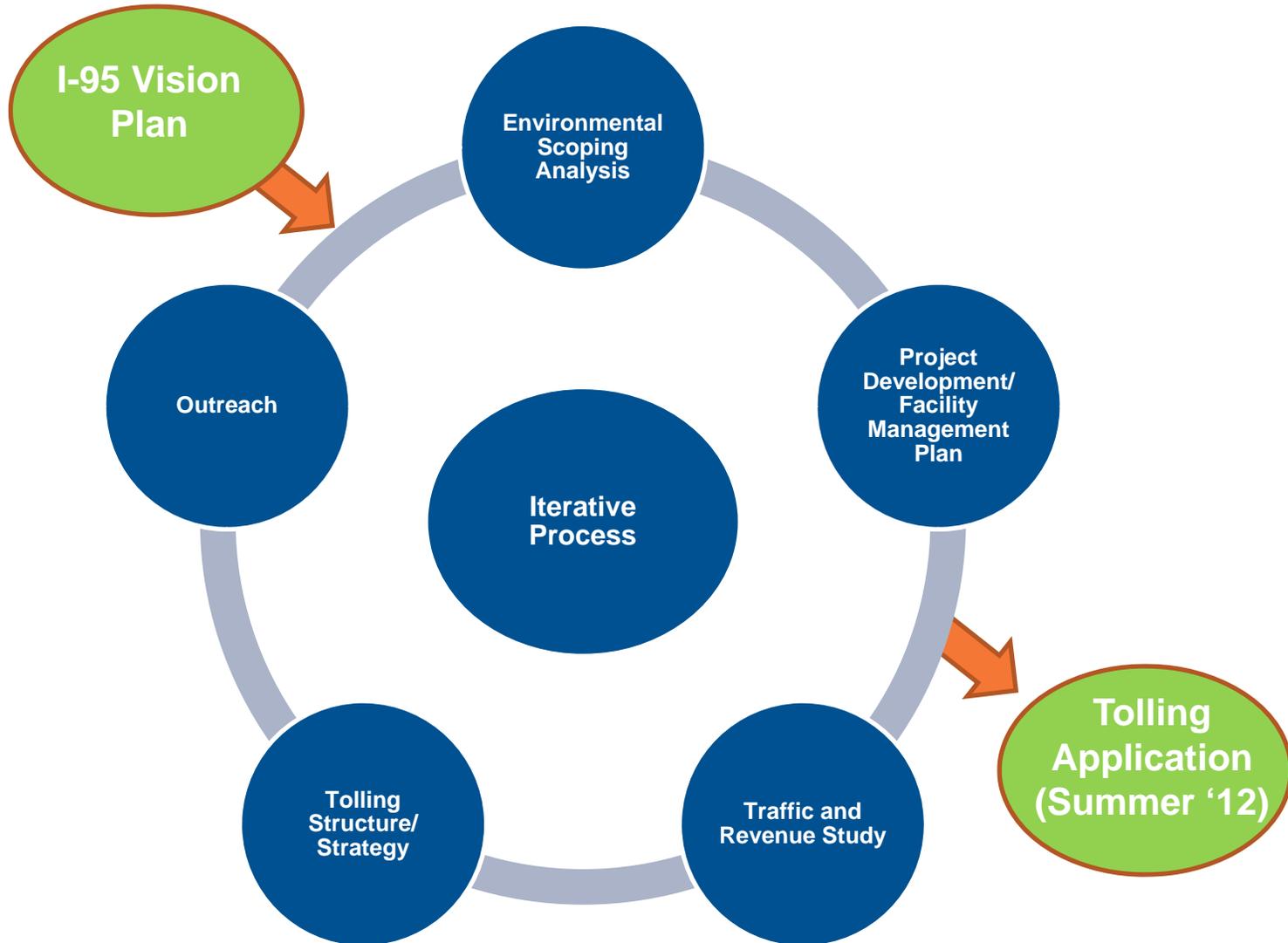


ISRRPP Application

- **Final application will require:**
 - **I-95 Corridor Vision Plan**
 - **Environmental scoping analysis**
 - **Consultation with planning organizations**
 - **Short-term improvements to be funded by toll revenues**
 - **Explanation of how tolling will support new capacity**
 - **Structure and location of the toll collection points**
 - **Facility Management Plan**



Implementation Roadmap



Current Activity

- **Vision Plan**
 - Reviewed draft with FHWA (February/March)
 - Shared draft with MPOs and local jurisdictions for comment
- **Environmental Scoping Analysis**
 - Environmental traffic data analysis underway
 - Socioeconomic analysis underway (effect of tolling on Virginia)
- **Traffic and Revenue Study**
 - Level II Study
 - Data collection and traffic counts complete
 - Traffic model development underway
- **Project Development Plan/Facility Management Plan**
 - Candidate project list for toll revenue underway (meetings with MPOs)
 - Toll structures, methods, and program management under evaluation



Current Activity

- **Tolling Structure & Strategy**

(Model various scenarios to maximize benefit for the Commonwealth - underway)

- **Goals**

- Generate sufficient revenue to support identified needs
 - Safety, system preservation, mobility, and economic vitality
- Minimize diversion & environmental impact
- Minimize negative economic impact to local business
- Maximize economic benefits through project advancement

- **Toll Collection Points**

- Evaluating locations based on above-listed goals
- Limit tolls to south of mile marker 126 (Massaponax)

- **Toll Rates**

- Market-based range of toll rates for evaluation
- Evaluating potential for commuter/frequent user incentives

- **Toll Methodology**

- Evaluating methods of collection (Open Road Tolling/Cash Option and All Electronic Tolling)



Current Activity

- **Outreach & Coordination (MPOs/PDCs/Local Governments)**
 - Kick-off (February 8th Winter meeting)
 - Individual meetings with MPO & PDC staff
 - Environmental coordination letters
 - MPO Policy Board meetings

MPO	Briefing Date
Richmond Area	April 12 th
Tri-Cities	April 12 th
Fredericksburg Area	April 16 th
National Capital Region	April 18 th

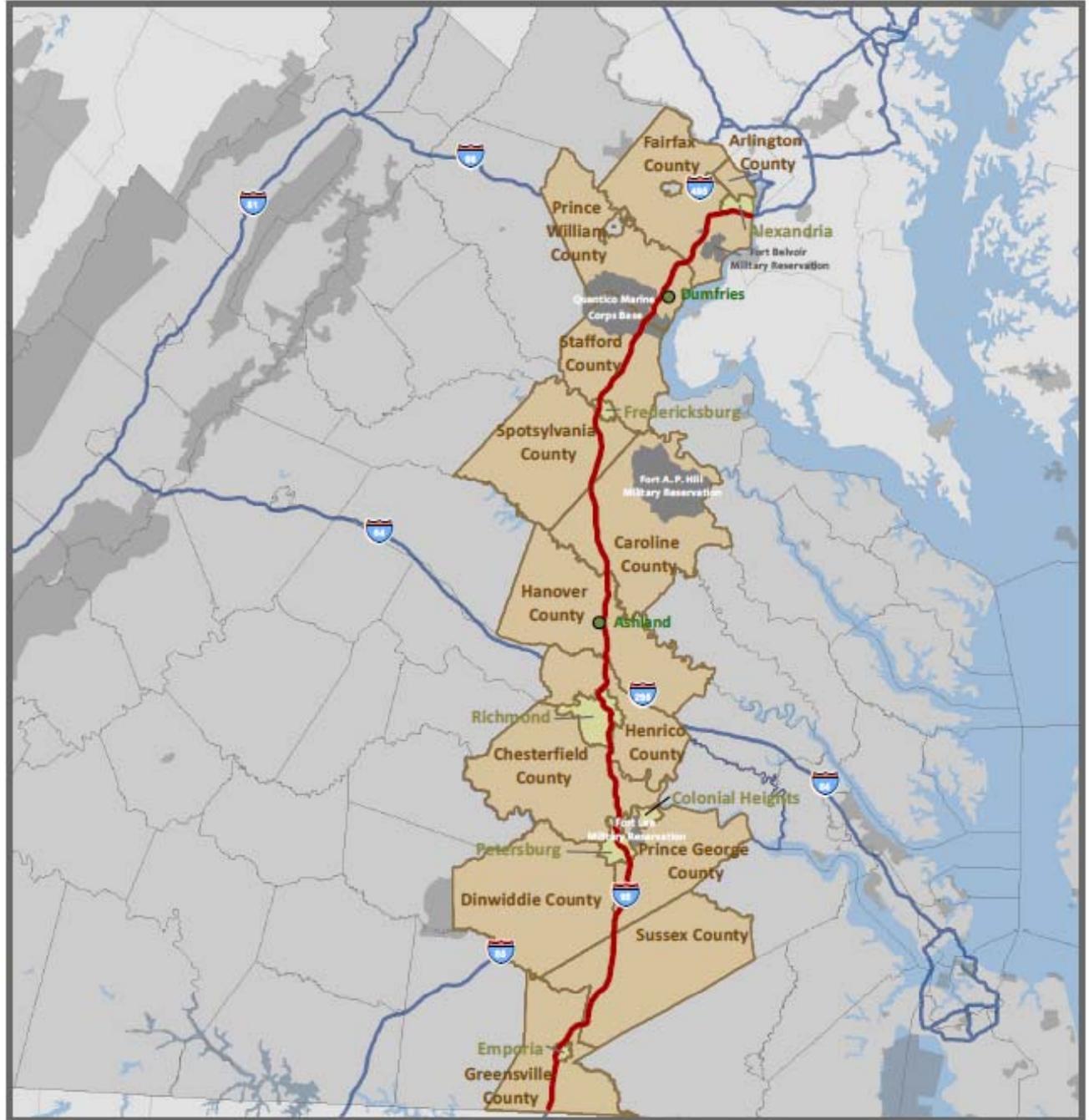


Outreach & Coordination

Municipal Stakeholders

- Interstate 95
- Other Interstate
- I-95 Corridor Counties
- I-95 Corridor Cities
- I-95 Corridor Towns
- Major Federal Installations

Source Data:
 ESRI National Data
 US Census TIGER 2010 Data



Outreach & Coordination

- **Additional Outreach**
 - **Businesses & Commerce Associations**
 - **Community Groups**
 - **General Public**
 - **Other Key Stakeholders**
- **Methods of Communication**
 - **Mailings**
 - **Public Workshops**
 - **Email: Interstate95@vdot.virginia.gov**
 - **Website:**

http://www.virginiadot.org/projects/i-95_corridor_improvement.asp



Preliminary Schedule

- **Jan – April 2012** **Data Collection/Analysis**
- **April 2012** **MPO Briefings**
- **May 2012** **Preliminary Traffic & Revenue Forecasts,
tolling scenario analysis, etc.**
- **June 2012** **MPO/PDC Regional Workshops
Elected Official/Business Community/
Stakeholders**
- **Summer 2012** **Submit ISRRPP application to FHWA**
- **Fall 2012** **Public Hearings**
- **Winter 2012** **Execute Tolling Agreement**

