



## **Interstate 95 Corridor Improvement Program George Washington Regional Commission**

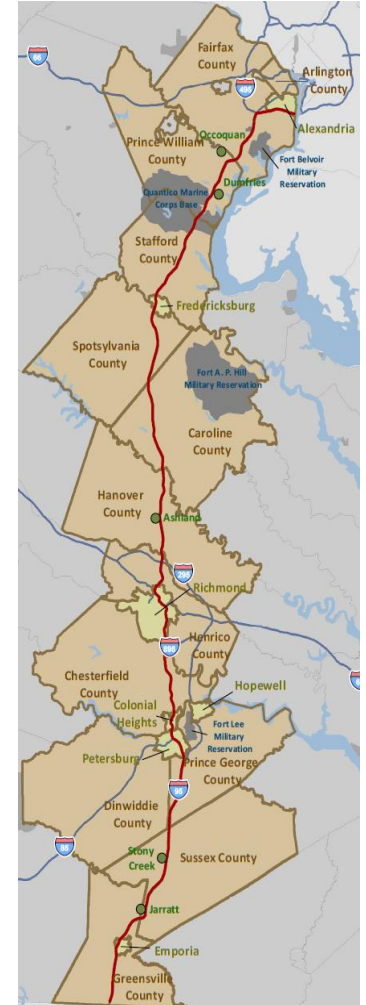
**April 16, 2012**

**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

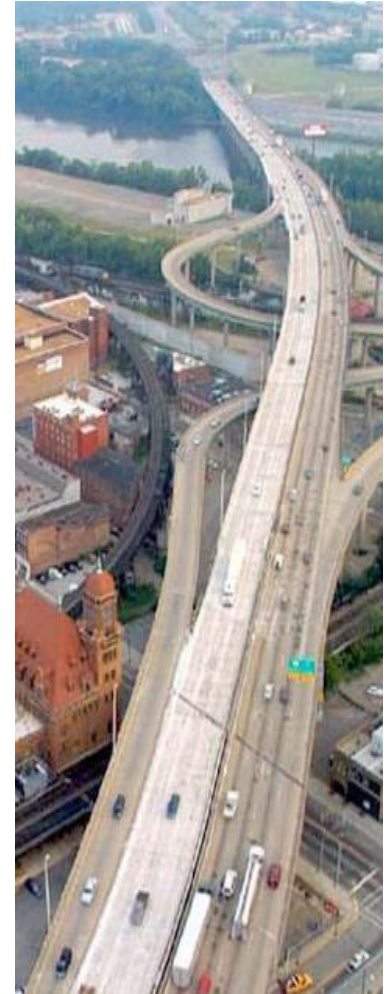
**\$ 2.5B** Projected 25-Year Funding at  
Current Levels

**(\$ 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

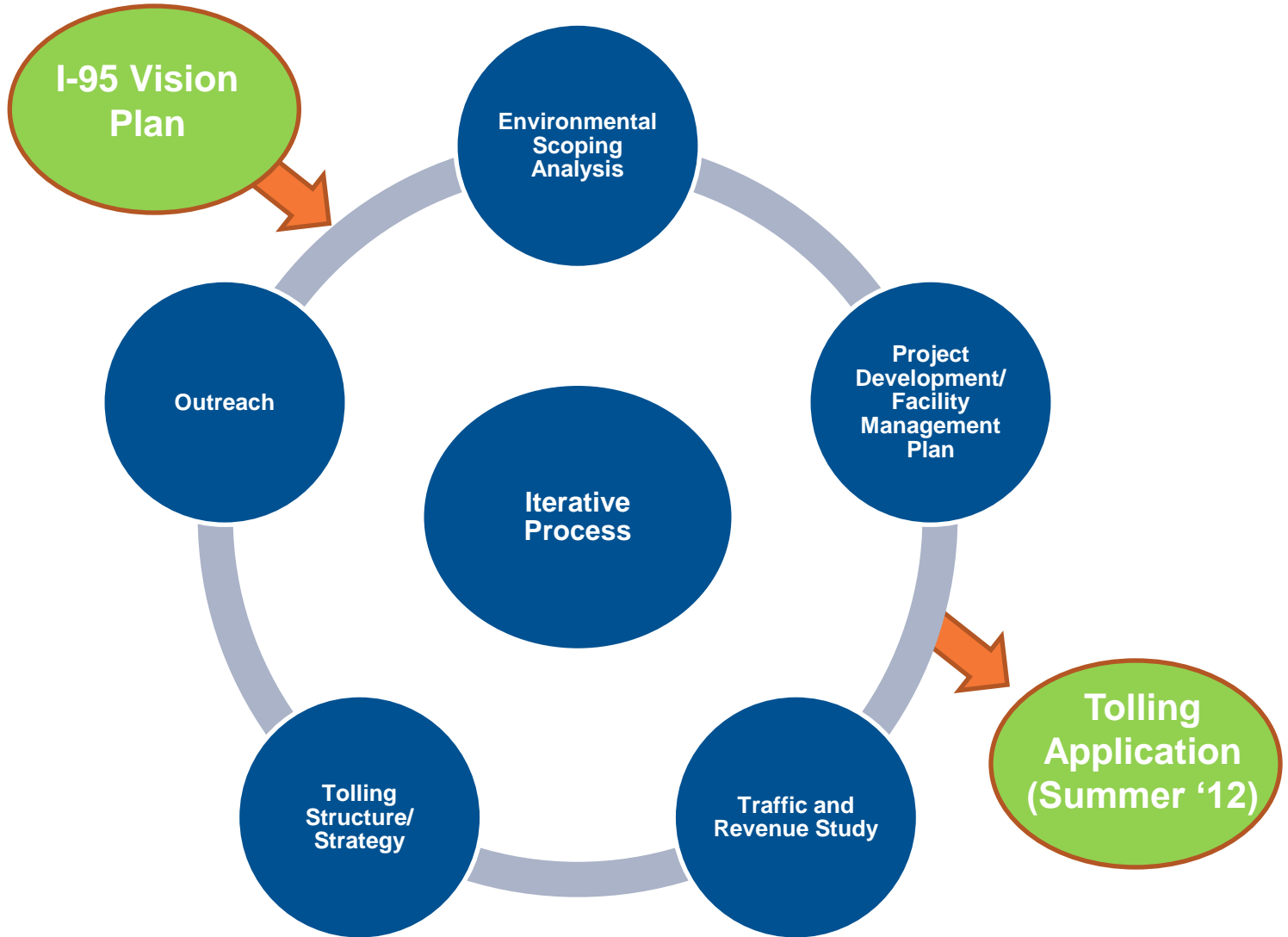


# ISRRPP Application

- **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 8<sup>th</sup> Winter meeting)
  - Individual meetings with MPO & PDC staff
  - Environmental coordination letters
  - MPO Policy Board meetings

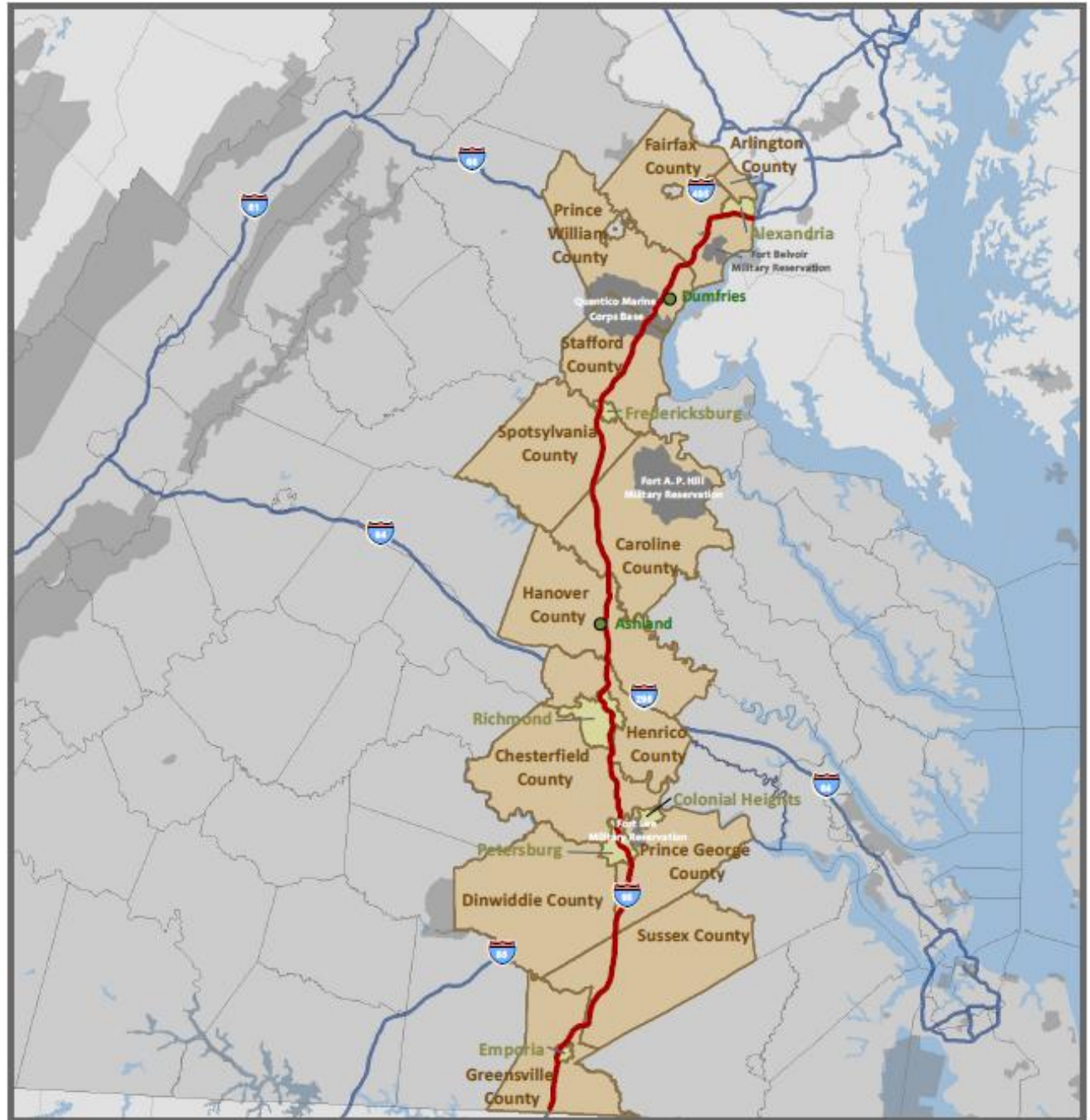
MPO	Briefing Date
Richmond Area	April 12 <sup>th</sup>
Tri-Cities	April 12 <sup>th</sup>
Fredericksburg Area	April 16 <sup>th</sup>
National Capital Region	April 18 <sup>th</sup>

# 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



# Projects Under Review

**I-95:  
Fredericksburg  
Area MPO**

- Projects Under Review
- Interstate 95
- Other Interstate
- Fredericksburg (FAMPO)
- I-95 Corridor Counties
- I-95 Corridor Cities
- I-95 Corridor Towns

0 3.5 7 Miles

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](mailto:Interstate95@vdot.virginia.gov)**
  - **Website:**

[http://www.virginiadot.org/projects/i-95\\_corridor\\_improvement.asp](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**

