

# I-66 Transit/TDM Study

**Study Overview**  
**April 2009**

# Study Goals and Objectives

- ❑ To identify more transportation choices through transit and transportation demand management (TDM) enhancements that will increase mobility in the I-66 Corridor
- ❑ To develop a recommended plan for short- and medium-term transit and TDM service improvements in the I-66 Corridor between Haymarket and Washington, D.C.
- ❑ Provide input into the restart of the I-66 Multimodal Transportation Environmental Study

# Study Team

- ❑ Conducted by the Virginia Department of Rail and Public Transportation (DRPT) in coordination with a Technical Advisory Committee (TAC)
  - TAC reviews and provides comments on study scope and deliverables

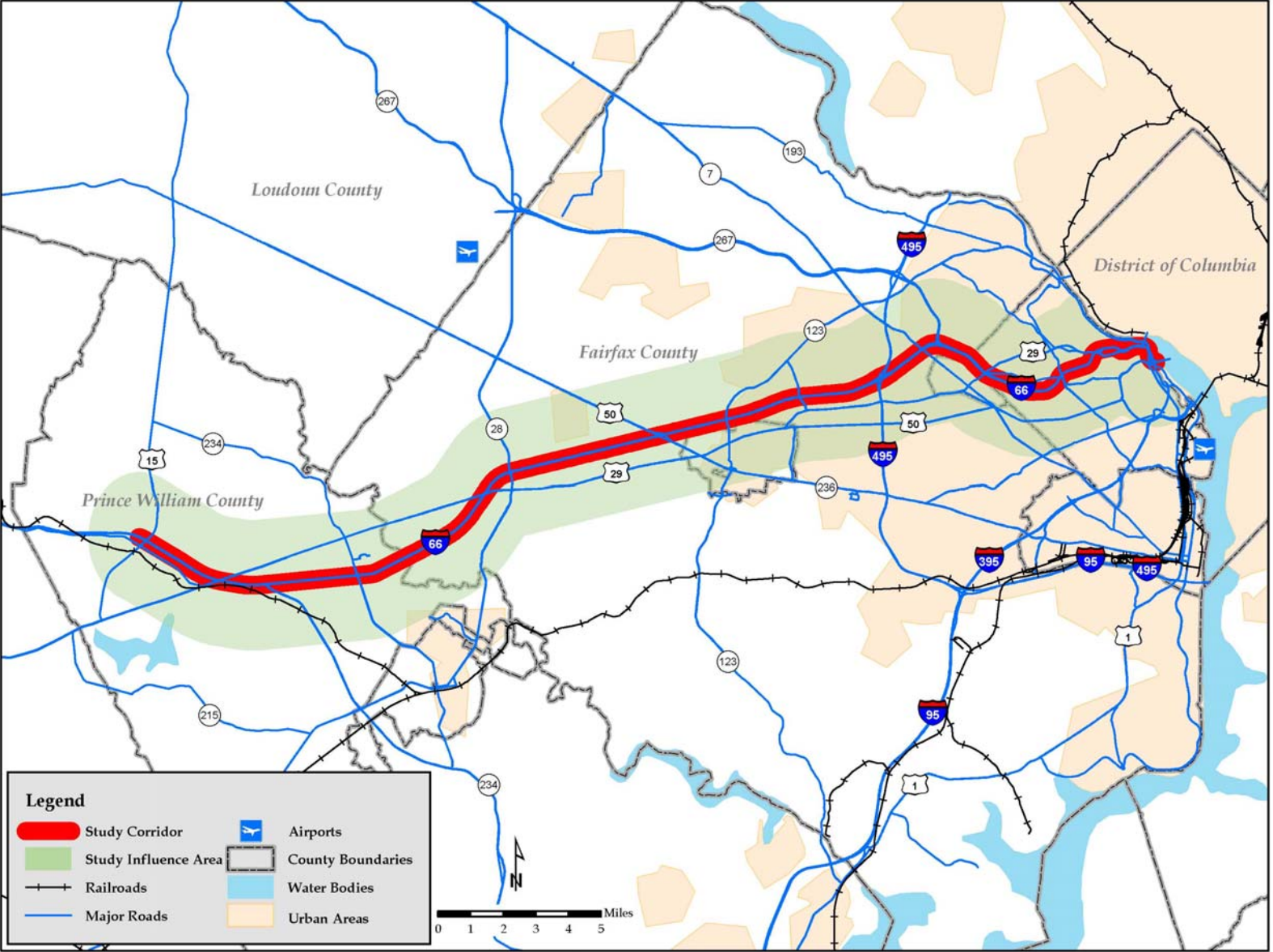
- ❑ TAC Members

- Arlington County
- City of Fairfax
- City of Manassas
- District of Columbia
- DRPT
- Fairfax County
- Falls Church
- Loudoun County
- Metropolitan Washington Council of Governments (MWCOG)
- Northern Va. Transportation Commission (NVTC)
- Prince William County
- Potomac Rappahannock Regional Transportation Commission (PRTC)
- VA Dept. of Transportation (VDOT)
- Virginia Railway Express (VRE)
- WMATA (Metro)

# Study Corridor

- ❑ Approximately 35 miles of I-66 from Haymarket, VA to Washington, D.C.
- ❑ Includes consideration of US 50 between Fair Oaks and Arlington and US 29 between Manassas and Arlington

# Study Corridor Map



April 2009

# Framework and Key Assumptions

- ❑ Focus on transit and TDM services in the defined corridor
  - Improvements and enhancements beyond those already programmed
  - Short- to medium-term improvements that can be implemented over the next 5 to 15 years
  
- ❑ Evaluate alternatives based on the following key factors:
  - Current and forecast travel demands
  - Market analysis
  - Stakeholder input
  - Cost and feasibility
  
- ❑ Complement other planning initiatives in the region
  - Provide input to the long range I-66 Multimodal Transportation & Environmental Study to be conducted by VDOT and DRPT, VRE Gainesville-Haymarket Alternative Analysis, and other initiatives
  - Consider data available through completed regional planning initiatives

# Study Activities

- ❑ The study includes the following general activities:
  - Inventory of existing transit services and TDM programs in the corridor
  - Public outreach and market research to gather public feedback regarding transit and TDM improvements in the corridor
  - Analysis of transit and TDM options
  - Identification of short- and medium-term transit improvements and TDM strategies
  - Development of cost projections for potential improvements
  - Analysis of potential revenue sources to support improvements

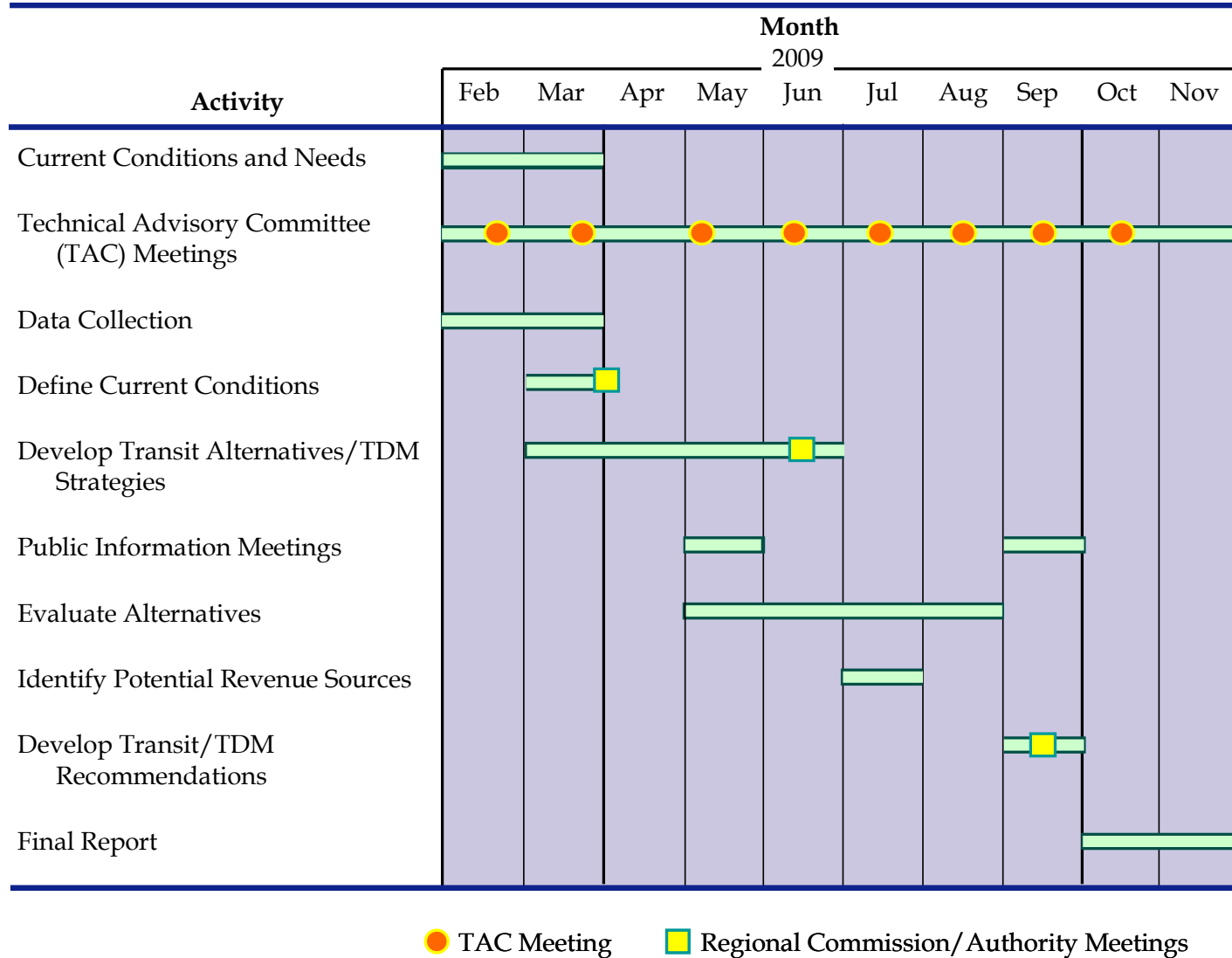
# Existing Transit/TDM Services in the Study Corridor

- HOV Lanes
- Metrorail service
- Virginia Railway Express commuter rail
- Park and ride lots
- Buses
- Vanpools
- Slug (casual carpool) pickup locations
- Rideshare/commuter service programs
- Telework centers

# Potential Transit/TDM Improvements

- ❑ Short and medium term improvements may include:
  - TDM information and financial support initiatives for carpooling, vanpooling and slugging
  - Modifications to existing transit routes to serve new markets
  - New local feeder buses
  - Neighborhood circulators/shuttle buses
  - Bus Rapid Transit (BRT) infrastructure and services
  - Improvements to transit stations and park and ride lots
  - In-line transit stations at major activity centers
  - Operating buses on shoulder lanes, queue jumpers, etc.
  - Park & Ride lot expansion

# Study Schedule and Milestones



April 2009

# Study Phases

## □ Data Collection

- Data Collection Report- available on DRPT's Web Site:  
[www.drpt.virginia.gov/activities/I66study.aspx](http://www.drpt.virginia.gov/activities/I66study.aspx)
  - Inventory of existing and planned transportation services in the corridor, their performance, and assessment of how well activity centers are served by current transportation services
- Park-and-Ride Lot Survey
  - Inventory existing conditions conduct a license plate survey at 20 park-and-ride lots near the corridor

## □ Baseline and Alternatives Development

- Evaluate transit and TDM options such as buses, Bus Rapid Transit, vanpools, carpools, and park-and-ride facilities

## □ Evaluation of Alternatives

- Travel demand forecasting and modeling
- Transportation Demand Management (TDM) analyses
- Sensitivity analyses

# Study Phases (continued)

## ❑ Market Demand Analysis

- Examine potential markets for enhanced transit/TDM services
- Forecast future market demand

## ❑ BRT Definition and Station Sketch Planning

- Describe and evaluate options for potential BRT service
- Define general footprint, operating characteristics, and type of stops/stations

## ❑ Financial Projections

- Cost estimates (capital, operations, maintenance)
- Revenue sources

## ❑ Document Results/Findings

- Issue draft report
- Issue final report

# Public Participation

- ❑ Stakeholder interviews, public transit/TDM information workshops and a market research survey are part of the study schedule

- ❑ The following public involvement opportunities are available:

- Send written comments to [drptpr@drpt.virginia.gov](mailto:drptpr@drpt.virginia.gov) or DRPT Public Information Office, 1313 E. Main St., Suite 300, Richmond, VA 23219.
- Sign up to receive study updates electronically by sending an e-mail request to [drptpr@drpt.virginia.gov](mailto:drptpr@drpt.virginia.gov).
- Attend a public transit/TDM information workshop on the study.

May 12  
6:30 p.m. – 9:00 p.m.  
Williamsburg Middle School  
3600 N. Harrison St.  
Arlington, VA 22207

May 13  
6:30 p.m. – 9:00 p.m.  
Battlefield High School  
15000 Graduation Dr.  
Haymarket, VA 20169

May 14  
6:30 p.m. – 9:00 p.m.  
Oakton High School  
2900 Sutton Rd.  
Vienna, VA 22181

- ❑ More information on the I-66 Transit/TDM Study is available on DRPT's Web site at [www.drpt.virginia.gov/activities/I66study.aspx](http://www.drpt.virginia.gov/activities/I66study.aspx)

- ❑ Contact the project manager, Michael Harris, at [michael.harris@drpt.virginia.gov](mailto:michael.harris@drpt.virginia.gov) or 703-999-6977



Virginia Department of Rail and Public Transportation

***The Smartest Distance Between Two Points***

**[www.drpt.virginia.gov](http://www.drpt.virginia.gov)**

**[drptpr@drpt.virginia.gov](mailto:drptpr@drpt.virginia.gov)**

**804-786-4440**