

DRPT
Department of Rail and Public Transportation

I-66 Transit/TDM Study

Study Overview

March 2009

I-66 Transit/TDM Study

DRAFT February 24, 2009

Study Goals and Objectives

- To identify more transportation choices through transit and transportation demand management (TDM) enhancements that will provide congestion relief and 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, DC

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Study Team

- Conducted by the Virginia Dept. of Rail and Public Transportation (DRPT) in coordination with a Technical Advisory Committee (TAC)
 - TAC provides study direction, review, and oversight

- 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)

- Consultant Team: Cambridge Systematics, Jacobs Engineering Group, KFH Group, LDA Consulting, MCV Associates, The Perspectives Group, Southeastern Institute for Research, William G. Allen, Jr., P.E. and Robert G. Stanley



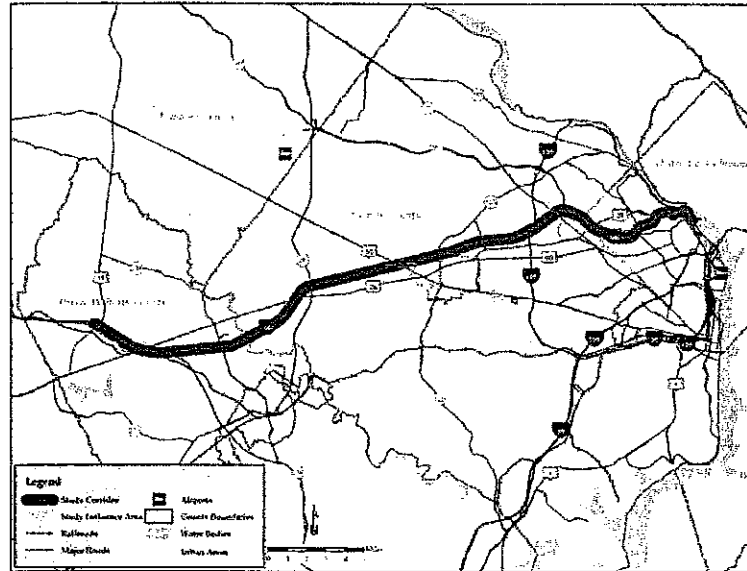
Study Corridor

- Approximately 35 miles of I-66 from Haymarket, VA to Washington, DC

- Includes consideration of US 50 between Fair Oaks and Arlington and US 29 between Manassas and Arlington



Study Corridor Map



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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, in addition to other initiatives
 - Consider data available through completed regional planning initiatives

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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



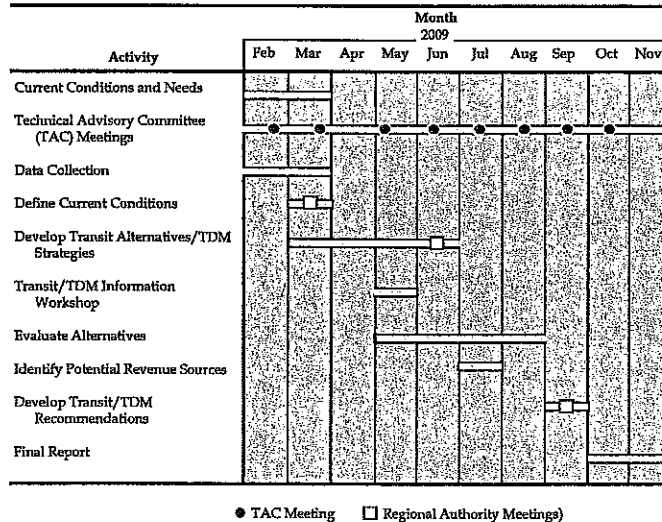
Potential Transit/TDM Improvements

- 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

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Study Schedule and Milestones



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Study Phases

Data Collection

- Data Collection Report- available on DRPT's Web Site:
www.drpt.virginia.gov/activities/l66study.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 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.
 - Attend a public transit/TDM information workshop on the study. Workshops are currently being scheduled for spring 2009. Additional details will be available soon.
- More information on the I-66 Transit/TDM Study is available on DRPT's Web site at www.drpt.virginia.gov/activities/i66study.aspx
- Contact the project manager, Michael Harris, at michael.harris@drpt.virginia.gov or 703-999-6977



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