



### Managing Upcoming Major Projects in Northern Virginia through a Program Approach

#### CTB Workshop April 18-19, 2007



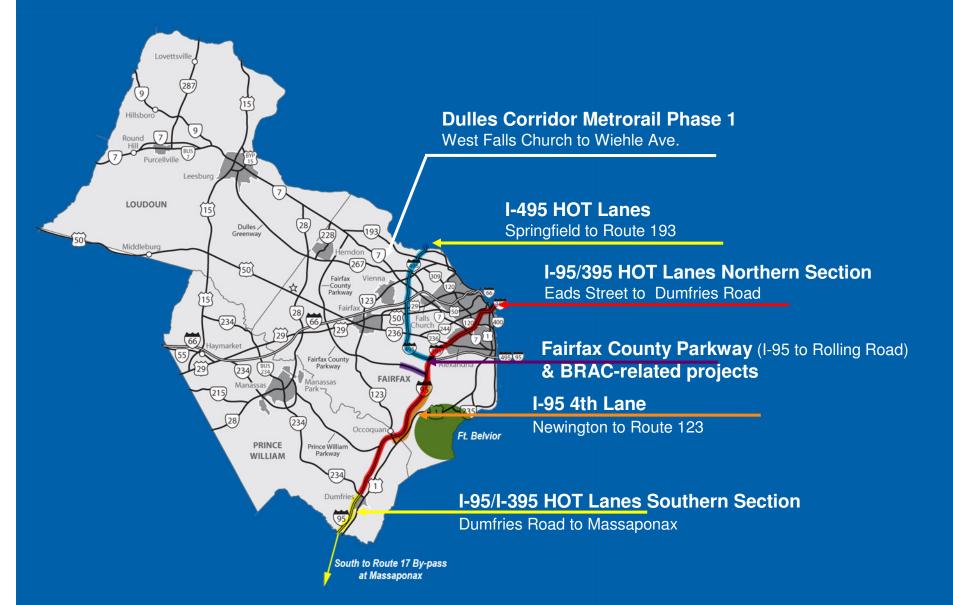


- Six mega-construction projects under way on major commuter routes over the next decade
- Will impact 600,000+ commuters a day
- Nearly 90 road miles within the Northern Virginia District involved as well as rail lines
- Six projects will also impact Fredericksburg area commuters as well as those in Maryland and western Virginia



#### **Mega Projects Coming**







## Mega Project Costs



Project	Projected Cost
I-495 HOT Capital Beltway	\$1.2 B
I-395/95 HOT (includes entire 56 miles)	\$1.0 B
I-95 4 <sup>th</sup> Lane	\$97 M
Fairfax County Parkway	\$115 M
Dulles Corridor Metrorail*	\$2.4 - \$2.7 B
BRAC related projects	\$446 M
	\$5.3 - \$5.6 B





 Have single, dedicated oversight team that will coordinate these six projects as a program, with accountability across all 6 projects

- Staffing of construction
- Equipment resource allocation
- Project updates to citizens/governing bodies
- Changing schedules
- Utility cuts in roadways
- Where do I find information





• Establish a single, regional transportation management plan that embraces all 6 projects

One Voice – One Team – One Message Coordinated maintenance of traffic and incident management Consolidated resources Coordinated business and community outreach Controlled, coordinated messages Single source of information/less confusion

# **VDDT** Program Management Approach

- Program management will work similar to the successful WWB management structure
  - Under program director's leadership, transportation management team will work side by side with Program/Project controls





- Transportation Management Plan position established
- Advisory Committee
  - VDOT
  - DRPT
  - FHWA
  - CTB member
  - Project partners

#### • Technical Subcommittees (include local gov't staff, NVTA)

- Operations
- Commuter Options (TDM)
- Communications



#### Maintenance of Traffic



- Integral component of all construction projects
- Program director will ensure coordination between project managers/partners and transportation management plan manager
- No lane closures during rush hours, weekends and major holidays



#### **Operations**



- Local road improvements
- Continuity of operations
- Coordinated sequence of other construction and maintenance operations
- ITS communications and operations
- Incident management/emergency response
- Safety service patrols



## **Commute Options**



#### **Potential Commute Options**

- Carpool/Vanpool
- Express Bus
- Local Bus
- Shuttle Bus
- Telework
- Variable Work Hours
- Guaranteed Ride Home
- FlexCar/ZipCar
- Circulator Bus
- Alternative Work Schedules
- Metrochek
- Fare Buy-down
- Carpool Incentive Program



#### **Communications**



#### Educate – Motivate – Convince - Change

- Media/Community/Business/Stakeholder and Employer Outreach
- Information Centers/Kiosks
- Crisis Communications
- Advertise Commute Solutions
- Promotion (Advertising, Web Site, Direct Mail, 511, Newsletters, Video)



## **Dulles Rail TMP - Update**

- Dulles Rail is expected to begin construction first
- Operations, Communications, Commuter Options
- Final strategy selection process beginning
- MOT Plan continually updated and adjusted
- Community/Stakeholder outreach ongoing in preparation for utility relocation



### **Dulles Rail TMP - Update**

- Maintenance of Traffic will focus on moving vehicles and pedestrians through the construction zone
  - Focus on safety for construction workers and traffic
  - Ensure adequate roadway capacity and access to businesses and residences
- Modeled after successful MOT for Springfield
  Interchange and Woodrow Wilson Bridge
  - WWB and Springfield primary impact focus on through traffic
  - Dulles MOT primary impact focus on destination traffic (Work and Retail)
- VDOT standard MOT requirements included in Dulles Design-Build contract and interagency agreements



## **Dulles Rail TMP – Next Steps**

- Finalize Partner roles and responsibilities (May 2007)
- Finalize TMP recommendations (June 2007)
- Partial TMP Plan Implementation (June 2007)
  - Telework Program
  - Employer Service Program
- MWAA Transition (Summer 2007)
- Approval to enter final design (Summer 2007)
- Utilities Relocation (September 2007)
- FFGA Approval (early 2008)
- Full roll out of Dulles TMP (Feb. March 2008)
- Construction Begins (Spring 2008)
- Merge Dulles TMP with Regional TMP (TBD)





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