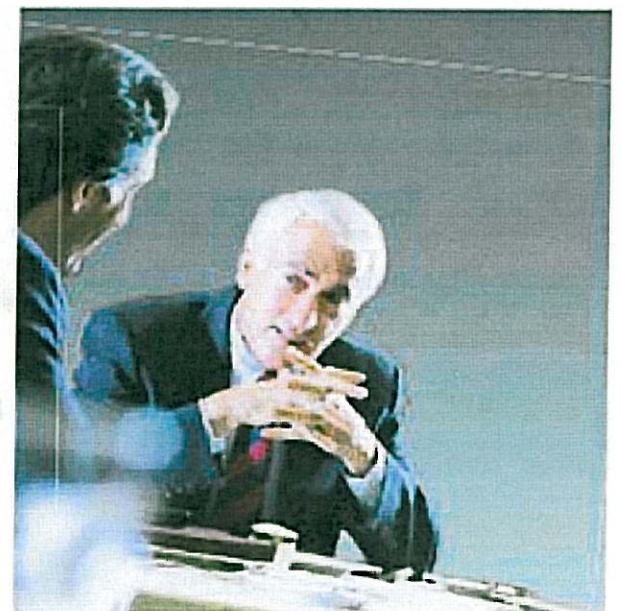
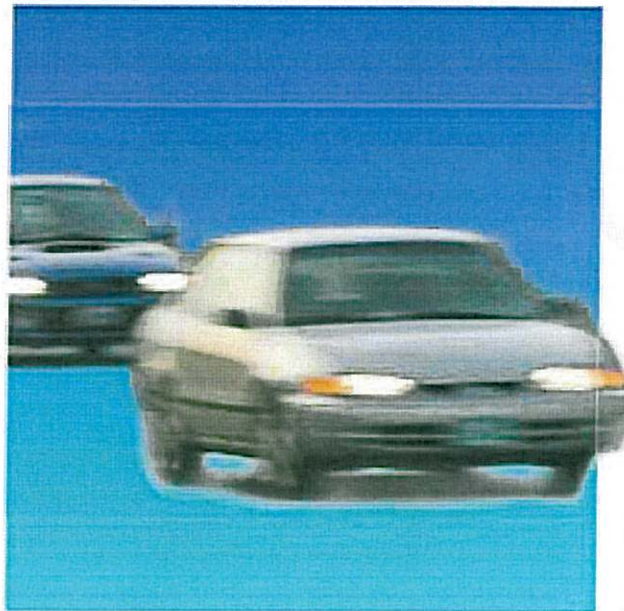


# Capital Beltway HOT Lanes Project

**NAIOP**

**June 18, 2008**

---





Some things can't wait for traffic.

## AGENDA

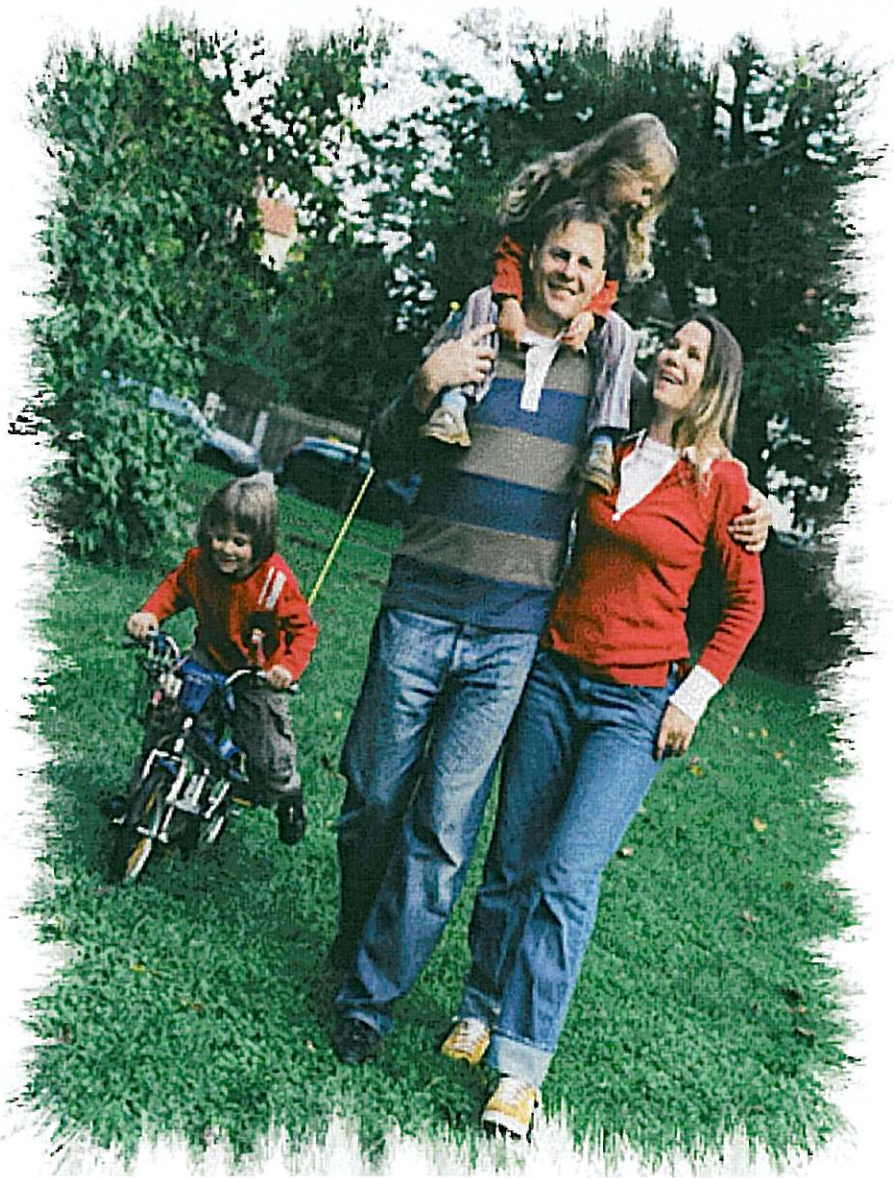
- Overview of Capital Beltway HOT Lanes
- Construction Timeline
- Regional TMP
- Questions & Answers



## Who we are: public-private partnership

 Virginia Department of Transportation	
<ul style="list-style-type: none"><li>– Ownership</li><li>– Oversight</li><li>– Environmental review</li><li>– Safety &amp; design standards</li></ul>	<ul style="list-style-type: none"><li>– Private partners</li><li>– Fund construction through private investment and debt</li><li>– Builder</li><li>– Long-term operator</li><li>– Maintenance &amp; incident response</li></ul>

Some things can't wait for traffic.



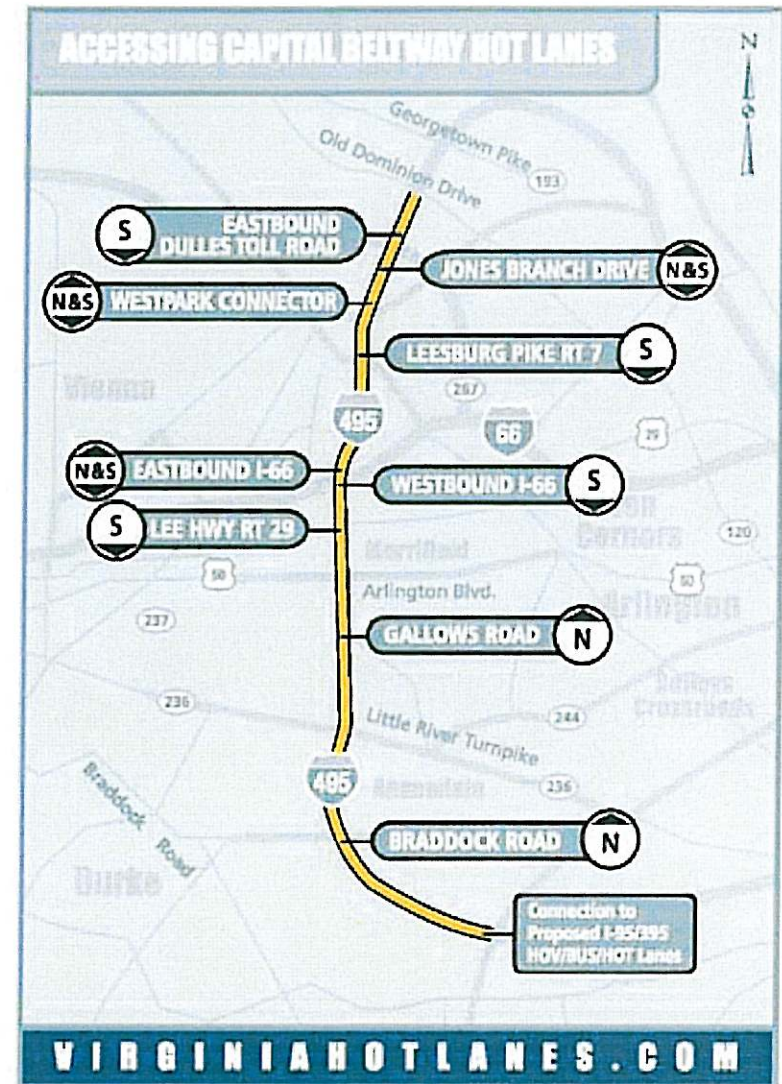
## *Capital Beltway HOT Lanes*

Some things can't wait for traffic.



## Capital Beltway HOT Lanes Overview

- Two **new lanes** in each direction
- First-time introduction of **HOV** to the Beltway and Tysons Corner
- Congestion-free network for **transit** service
- Replace more than \$260 million of **aging infrastructure**
  - including more than 50 bridges & overpasses



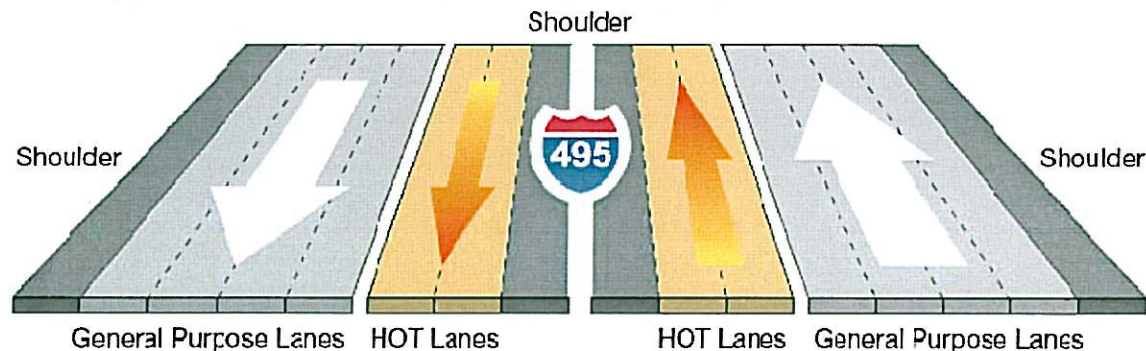
N North Access only   
 N&S Full North-South Connection   
 S South Access only

Some things can't wait for traffic.

## Capital Beltway HOT Lanes Overview

- Improved **sound wall protection** for local neighborhoods
- Construction of Springfield Interchange Phase VIII to create a **seamless HOV network**
- Improved connection for **I-66** regular lanes
- **Three new access points** to the Tysons Corner

Lane Configuration: Beltway (I-495) HOT Lanes





**Variable pricing:** tolls rise and fall based on real-time traffic conditions to manage number of vehicles in the lanes

**Not an everyday toll road:** motorists choose to pay a toll only when they need a faster, more reliable trip

**Fully electronic tolling with E-Z Pass:** Electronic signs display rates; no toll booths



**Free to HOV-3, buses, motorcycles and emergency vehicles**

Some things can't wait for traffic.



## Project benefits

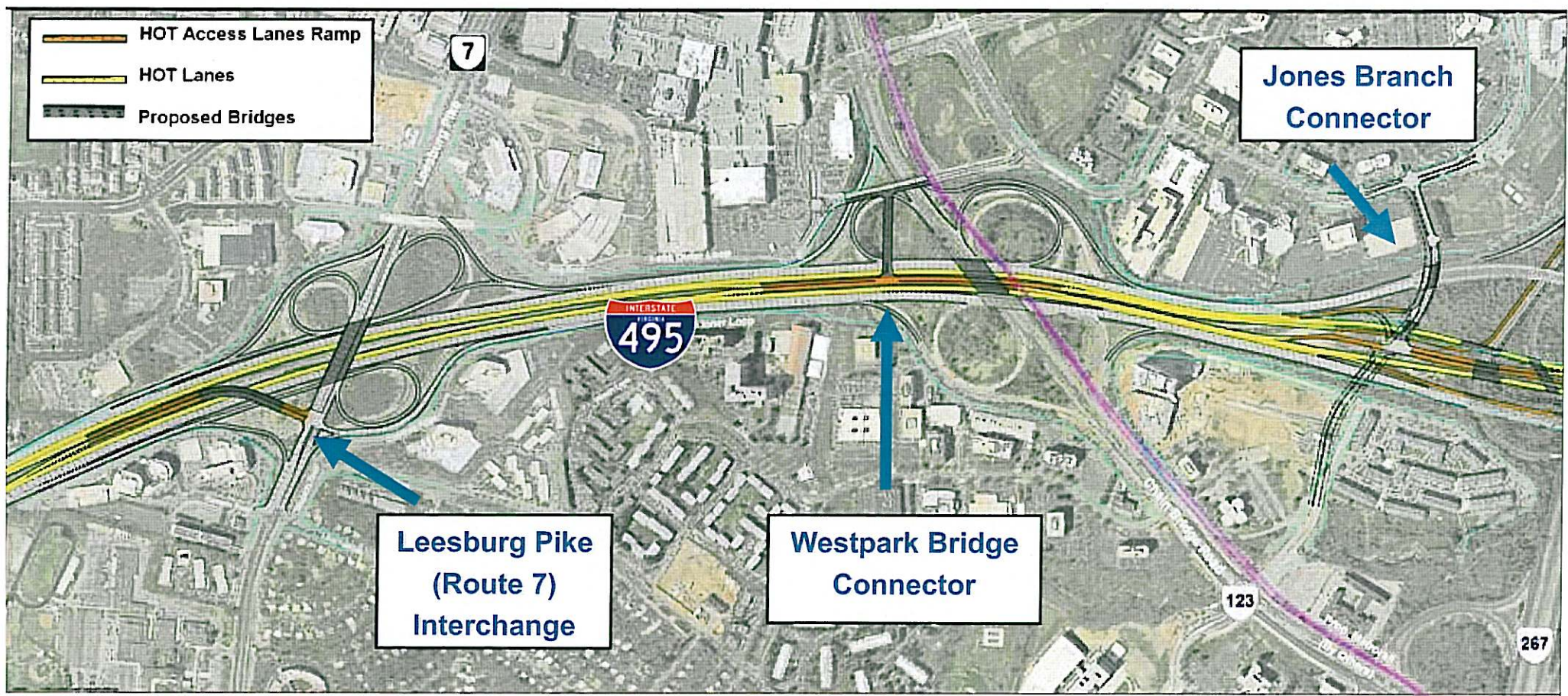
- First-time HOV and transit network on the Capital Beltway and into Tysons Corner/Merrifield
- New options for faster, more reliable travel times
- Bringing first-time pedestrian and bicycle access on bridges across the Beltway
- New access points in Tysons Corner provide alternatives to Rt. 7 and Rt. 123
- Actively managed lanes control traffic levels over the long-term



Some things can't wait for traffic.



## Closer look: Tysons Corner entry & exit points



Some things can't wait for traffic.





## *Construction*

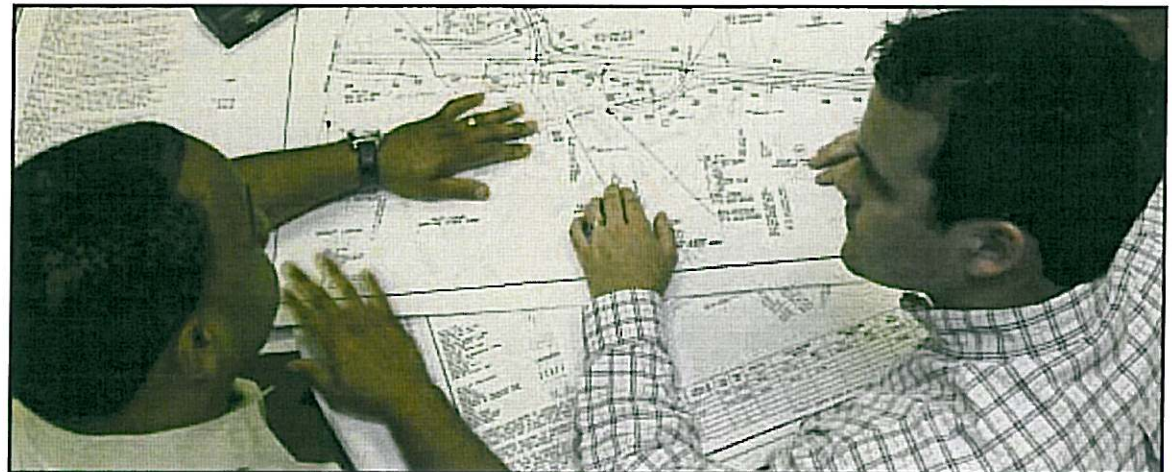
Some things can't wait for traffic.



## General Construction Plan

### Project divided into 4 construction areas:

- Beltway south of I-66 Interchange
- I-66 Interchange
- Beltway north of I-66 interchange
- Phase VIII: Springfield Interchange



Some things can't wait for traffic.



## General Construction Plan

- Build outer 2 lanes: 2008 – 2010
- Rebuild/lengthen all bridges & overpasses along alignment: 2008 – 2011
- Shift traffic into 2 new outer lanes: 2011
- Construction on inner 2 (HOT) lanes: 2011 - 2012

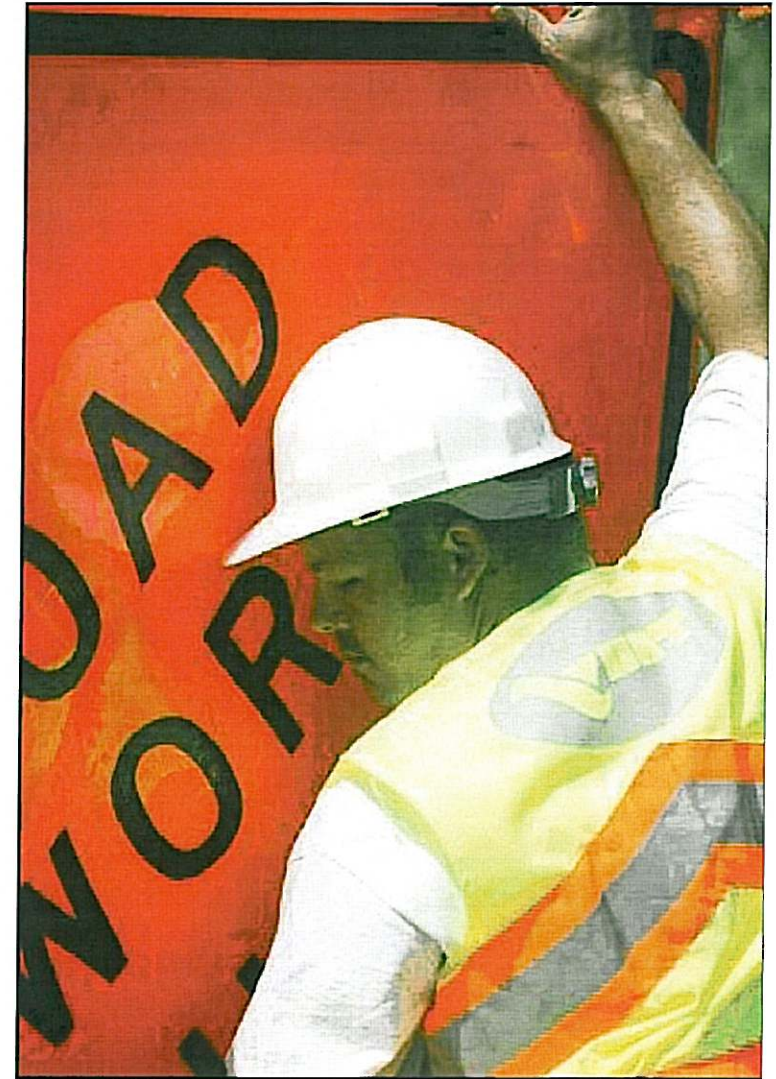


**Projected HOT Lanes Opening - 2013**



## General HOT Lanes Schedule

- Design/Engineering: 2007 – 2009
- Arterial Study: 2008
- Design Public Hearing: May 2008
- Right of Way Activity: 2008 - 2010
- Construction:
  - Clearing & Grubbing: 2008
  - Utility Relocation: 2008 – 2009
  - Soundwall Relocation/Construction: 2008 – 2011
  - Bridge Construction: 2008 – 2012



Some things can't wait for traffic.



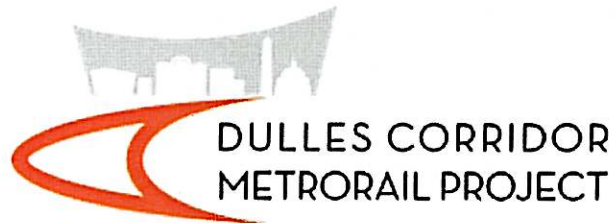
## (MOT) Maintenance of Traffic

- No scheduled freeway lane closures during peak rush hours
- Businesses and residential communities will remain accessible
- Scheduled lane closures will be communicated in advance
- Variable message signs to alert commuters before they travel through construction area



Some things can't wait for traffic.

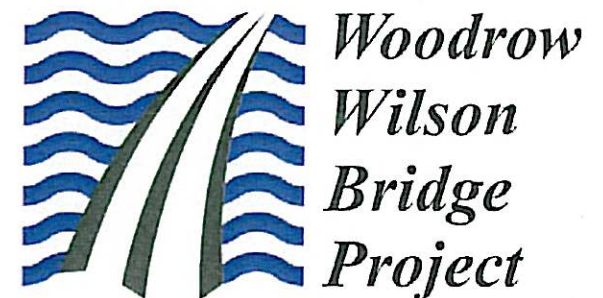




Future I-95 / Telegraph Road Interchange



VIRGINIA HOT LANES



## Regional TMP





## Regional Transportation Management Plan (TMP)

### GOAL

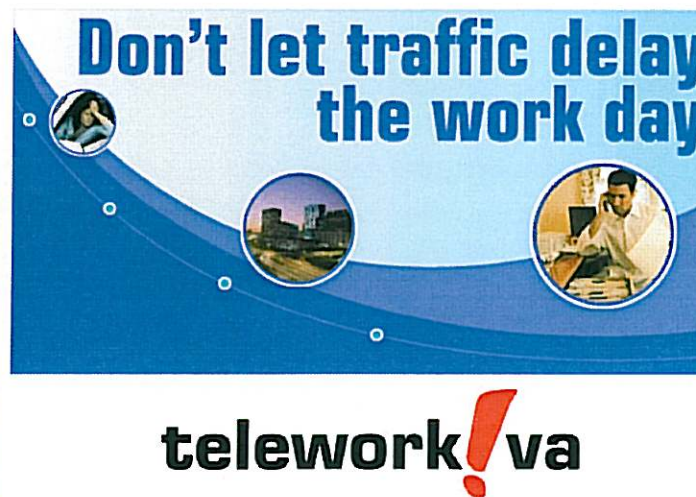
***Keep motorists, businesses, shoppers and employers informed and moving during construction***

- Multiple large construction projects will be underway over the next 10 years
- \$58 million over the next six years
- Initial program in place Fall-08



## Regional TMP Strategies

- Aggressive public outreach program
- Enhanced commuter assistance programs and choices
- Expanded employer service programs
- Commuter information stores
- Additional traffic cameras
- Extensive coordination and cooperation with police, fire and rescue
- Dedicated safety service patrols
- Improved traffic signal timing

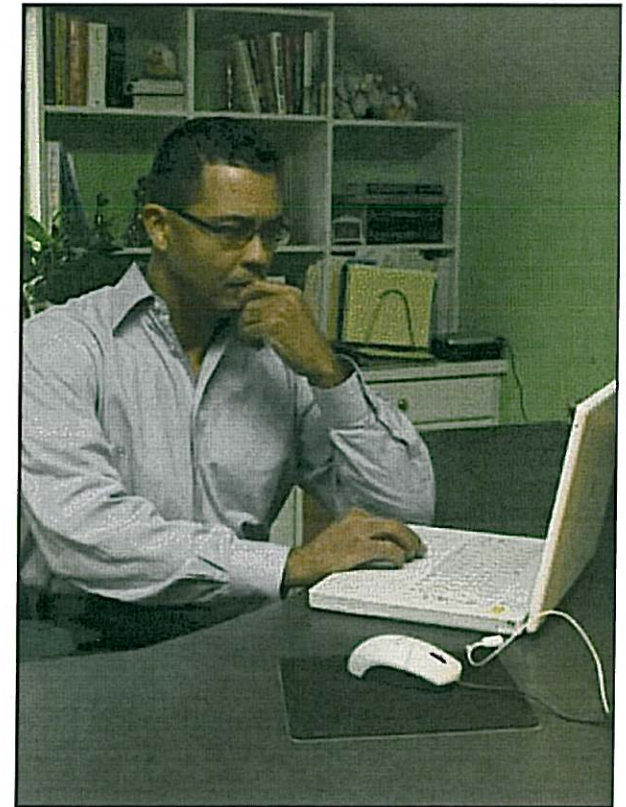


Some things can't wait for traffic.



## Construction Survival Tips: *Steps Every Business Executive Should Take*

- Designate an Employee Transportation Champion (ETC)
- Distribute construction information to employees
- Attend regular project briefings on construction
- Encourage employees to sign up for email updates
  - [virginiadot.org](http://virginiadot.org)
  - [virginiahotlanes.com](http://virginiahotlanes.com)
- Provide onsite employee transportation assistance
- Start or expand telework program (Telework!VA)
- Provide employee transportation benefits



Some things can't wait for traffic.

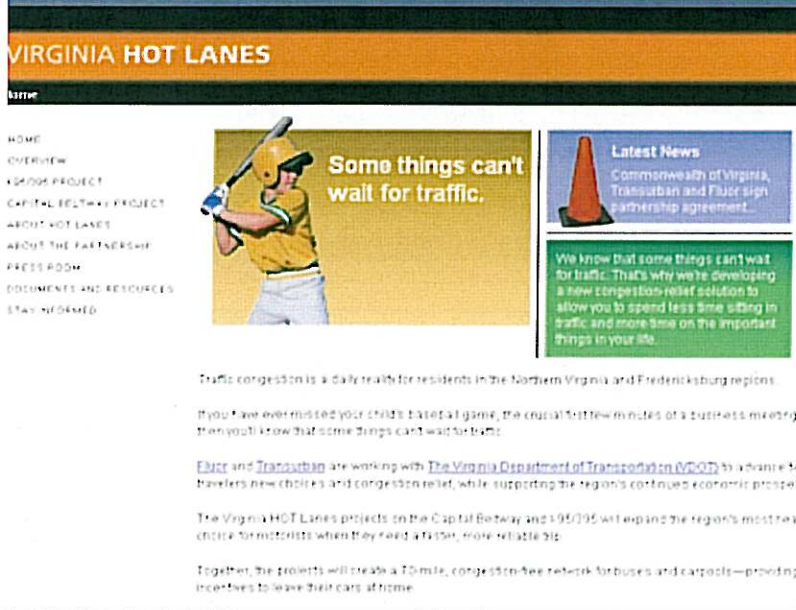
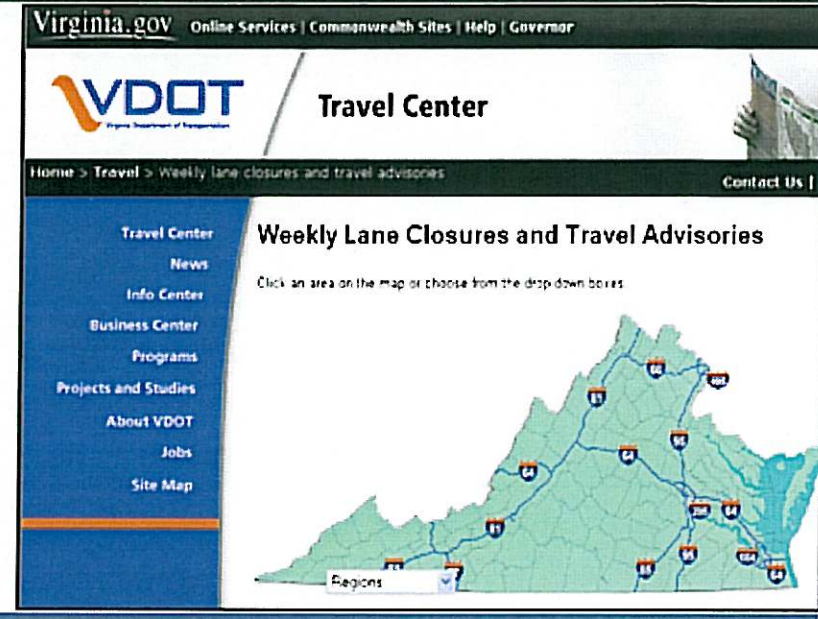


## STAY INFORMED

[www.virginiadot.org](http://www.virginiadot.org)

Provides information on:

*lane closures, travel advisories, email alert sign-up, multiple project links*



[www.virginiahotlanes.com](http://www.virginiahotlanes.com)

Provides information on:

*project details/benefits, detailed construction info/timeline, sign up for progress updates and look ahead at future work*

Some things can't wait for traffic.