

Capital Beltway HOT Lanes Project

DATA

April 23, 2008






Some things can't wait for traffic.

AGENDA

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

Who we are: public-private partnership

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

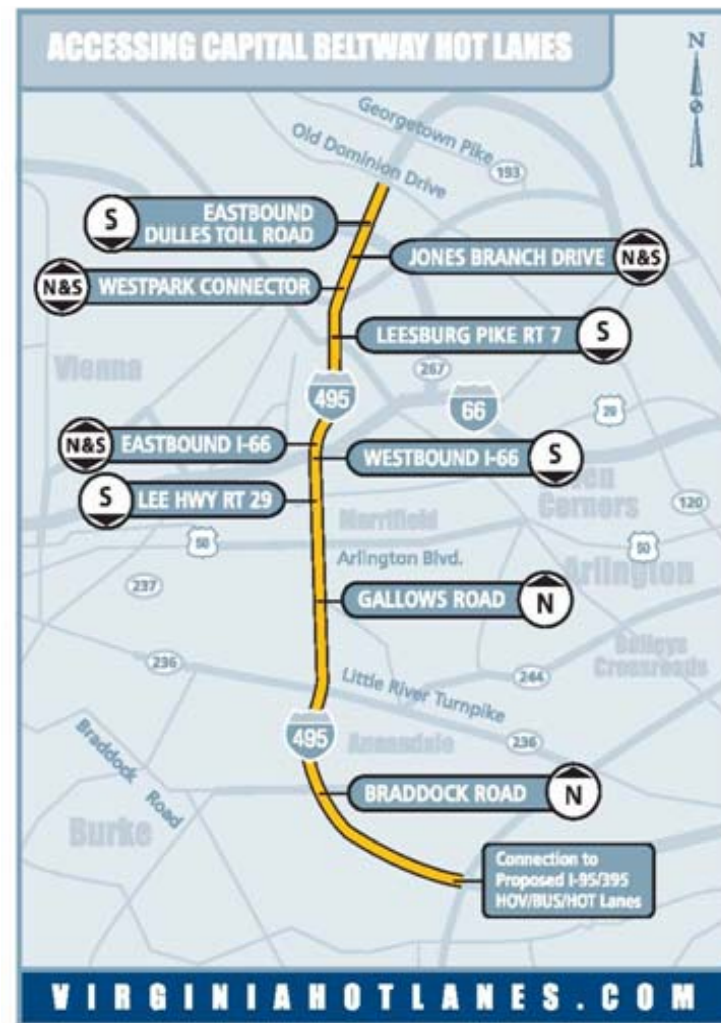


Capital Beltway HOT Lanes

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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



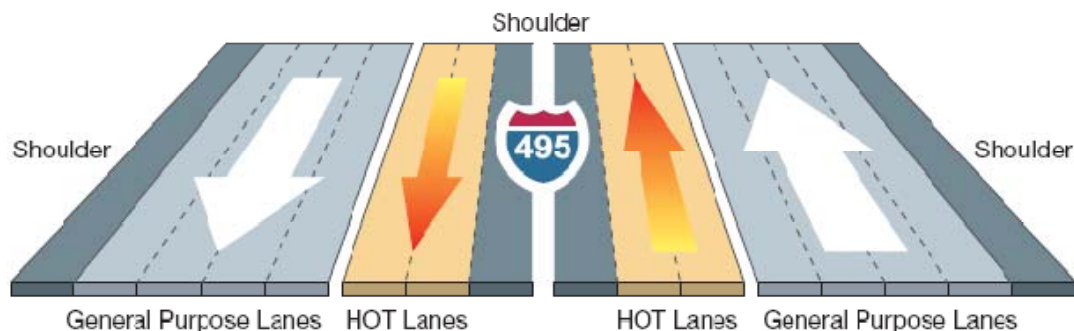
N North Access only
 N&S Full North-South Connection
 S South Access only

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

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Project benefits for Dulles Corridor

- First-time HOV and transit network on the Capital Beltway and into Tysons Corner
- 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



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Construction

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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



General Construction Plan

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



Projected HOT Lanes Opening - 2013

General HOT Lanes Schedule

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



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(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

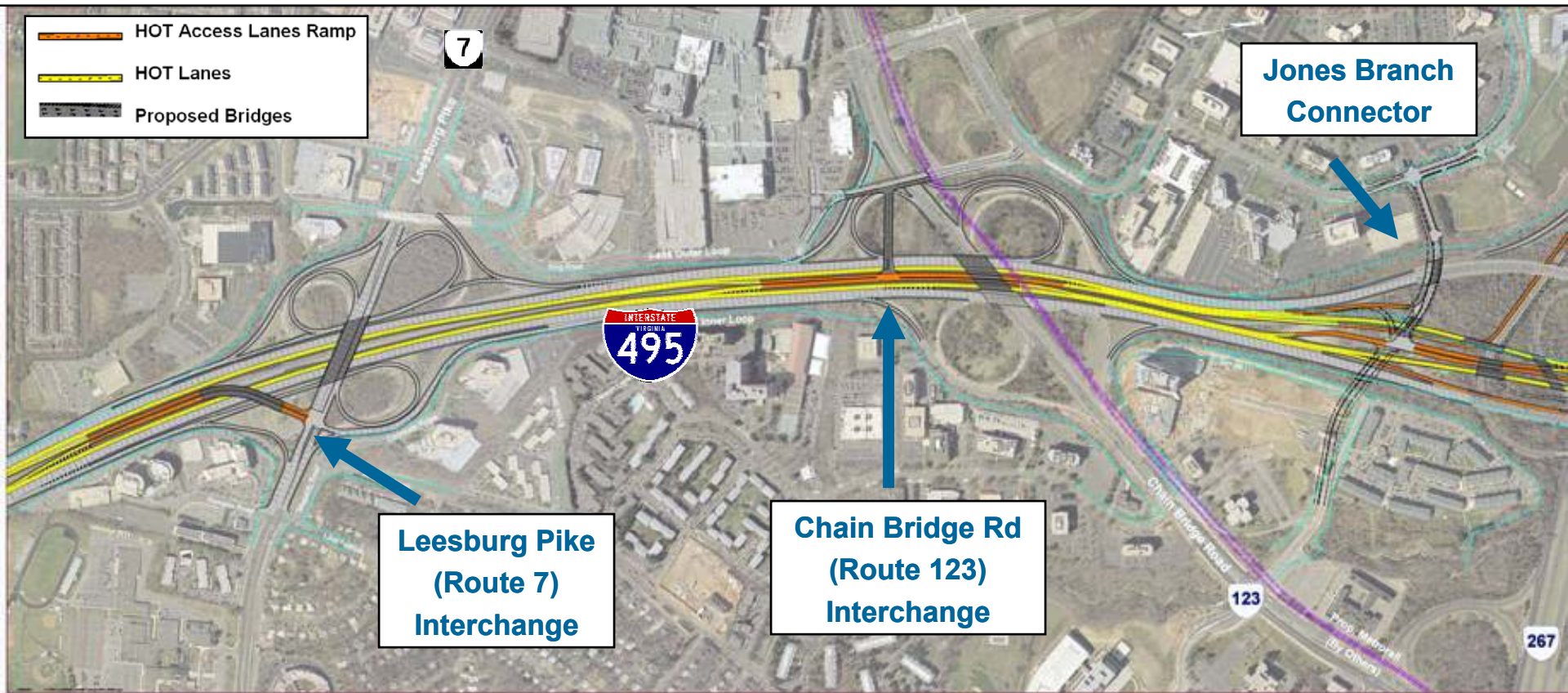




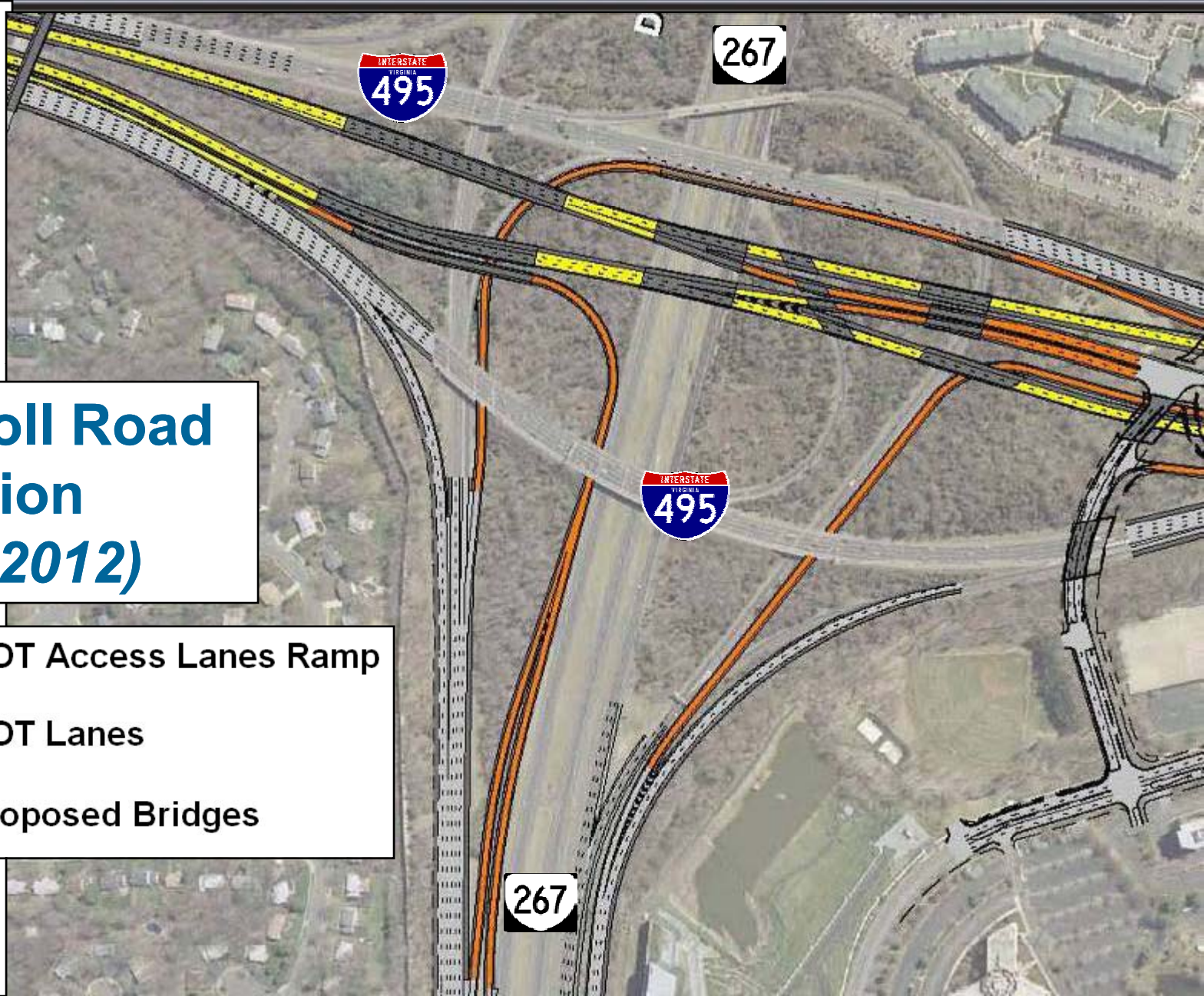
HOT Lane Connections in Tysons

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Closer look: Tysons Corner entry & exit points



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Dulles Toll Road Connection (2009 – 2012)

-  HOT Access Lanes Ramp
-  HOT Lanes
-  Proposed Bridges



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



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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
 - virginiahotlanes.com
- Provide onsite employee transportation assistance
- Start or expand telework program (Telework!VA)
- Provide employee transportation benefits



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STAY INFORMED

www.virginiadot.org

Provides information on:

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



www.virginiahotlanes.com

Provides information on:

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

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