

# BRINGING CONGESTION RELIEF TO THE CAPITAL BELTWAY

Some things can't wait for traffic

The Capital Beltway HOT Lanes project will connect with new HOV/Bus/HOT lanes on I-95/395 to create a 70-mile, seamless network for carpools, buses and emergency vehicles. It will significantly expand the regional HOV system and link many major commuter routes for the first time ever.



## CONSTRUCTION

Fluor-Transurban is currently working toward a final agreement with VDOT and expects to begin construction in Spring 2008. The lanes are anticipated to open in 2013. Four regular lanes in each direction will remain open for commuters during construction.

## PUBLIC-PRIVATE PARTNERSHIP

VDOT is partnering with Fluor-Transurban to develop the Capital Beltway HOT Lanes project. Fluor is one of the world's largest publicly owned engineering, procurement, construction and maintenance organizations. Transurban is a leading toll road developer, investor and long-term operator. Under this partnership agreement, VDOT will own and oversee the lanes, and Fluor-Transurban will construct, operate and maintain them. Fluor-Transurban is making a substantial investment to fund construction of the lanes, while tolls will be used to pay for routine maintenance and operations. The Virginia Department of Rail and Public Transportation (DRPT) is also playing an active role in the project, as it will provide opportunities for expanded public transportation in the Capital Beltway corridor.

The Virginia Department of Transportation (VDOT) is partnering with Fluor-Transurban to develop an innovative project to relieve congestion on one of the nation's most heavily traveled roadways.

The Capital Beltway HOT Lanes project will:

- Improve vital links between key employment, commercial and residential centers
- Ensure that the interstate continues to support the economic vitality of the region
- Create new public transportation and carpooling opportunities
- Get motorists out of gridlock, so they can spend more time on the important things in life

It's all about providing new choices that benefit everyone – carpools, transit riders, drivers, slugs, businesses and communities.

The Capital Beltway HOT Lanes project will deliver the first significant expansion to the Capital Beltway – one of the region's most critical and congested transportation arteries – in more than 30 years.

Some things can't wait for traffic. That's why the Virginia Department of Transportation is working with Fluor-Transurban to develop a new congestion-relief solution to allow you to spend less time sitting in traffic and more time on the important things in your life.

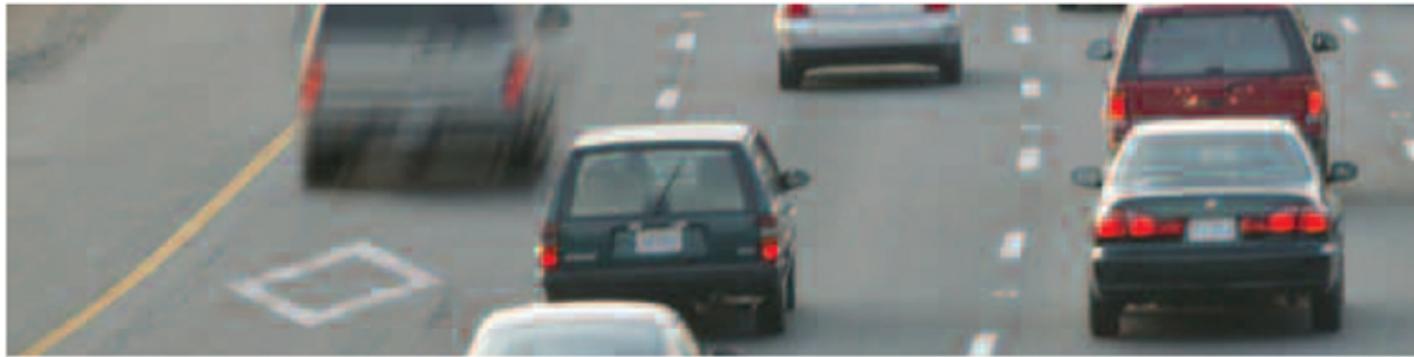
Two High Occupancy Toll (HOT) lanes will be added in each direction between the Springfield Interchange and just north of the Dulles Toll Road, providing motorists new choices for faster, more reliable trips. The project will also expand the HOV network to the Capital Beltway for the first time – meaning buses and carpools with three or more

people can use the lanes for free, while non-HOV motorists can choose to pay a toll and access the lanes as well.

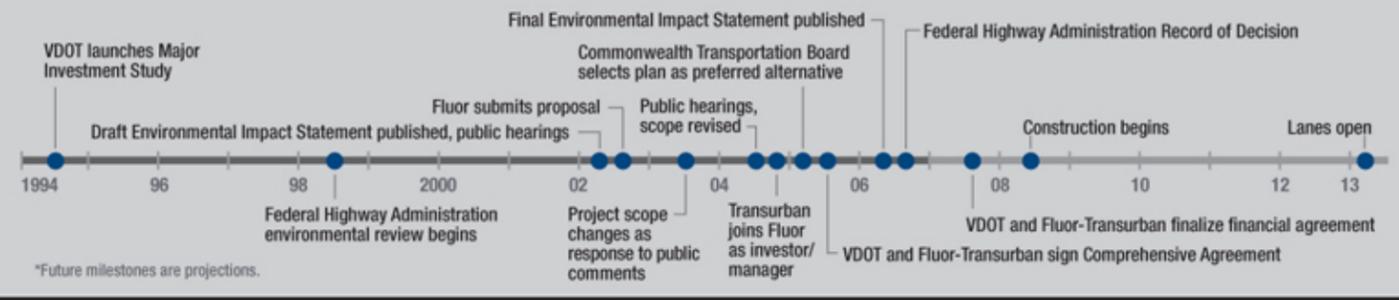
Toll prices will be based on demand. Prices will change throughout the day according to real-time traffic conditions to manage the number of cars in the HOT lanes and keep them congestion free – even during rush hour. Travelers will always have a choice – they can use HOT lanes when they need a faster, more reliable trip or use the regular lanes for free.

The additional lanes will provide congestion relief to all drivers, keeping traffic moving on the Capital Beltway and out of local neighborhoods.

VDOT is delivering this project in partnership with Fluor-Transurban. By partnering with the private sector, Virginia can move forward on these projects much more quickly than would be possible using traditional funding and construction methods – capitalizing on the best technology, financing methods, engineering and innovation.



## PROJECT TIMELINE



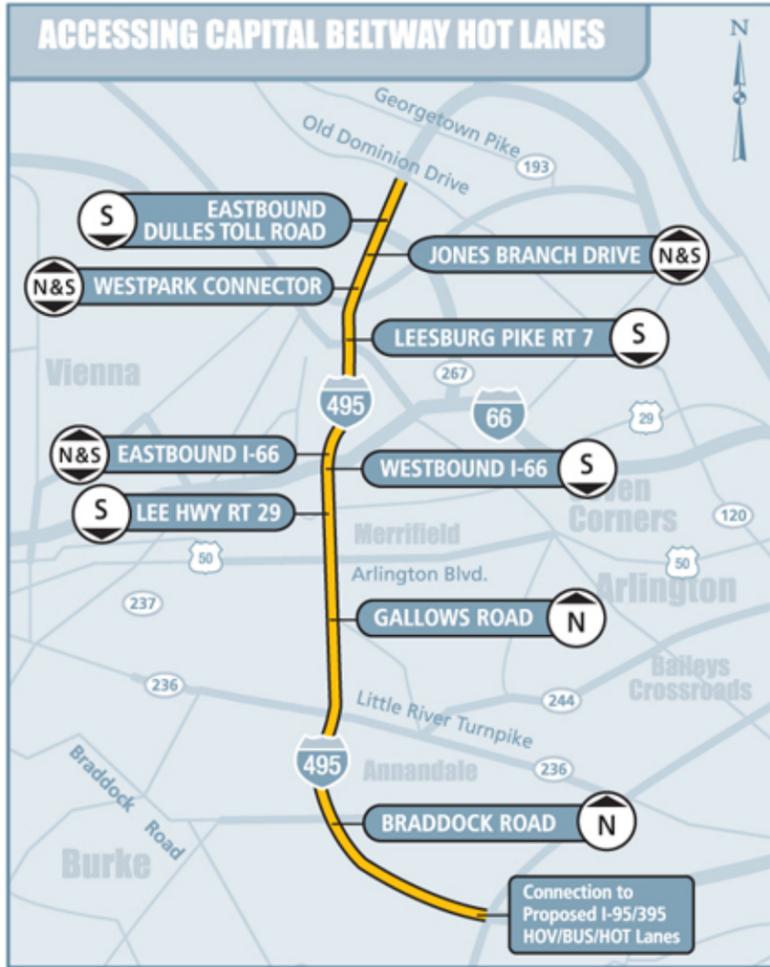
## ABOUT HOT LANES

First introduced in the U.S. in 1993, HOT lanes are an innovative congestion relief solution that maximizes the efficiency of busy commuter routes while minimizing the impact on the surrounding environment.

HOT lanes operate alongside regular highway lanes. They use toll prices to manage the flow of motorists who choose to use the lanes. When traffic is light, toll prices are low. When congestion increases, toll prices go up to regulate the number of drivers wanting to enter the lanes.

Motorists will always have a choice – they can use HOT lanes when they need a faster, more reliable trip or use the regular lanes for free.

# ACCESSING CAPITAL BELTWAY HOT LANES



North Access only  
 Full North-South Connection  
 South Access only



Drivers will be able to enter and exit the HOT lanes on dedicated ramps at multiple points along the Capital Beltway.



Fully electronic tolling on the HOT lanes will allow customers to pay tolls with E-ZPass – eliminating the need to stop or slow down at toll booths.



The Capital Beltway HOT lanes will expand the Capital Beltway from eight to twelve lanes, providing motorists with a new choice for faster, more reliable trips and bringing carpooling and the opportunity for reliable bus services to the Capital Beltway in Virginia for the first time.

# WHO WILL BENEFIT?

## All motorists

All motorists will benefit from the project, even if they do not choose to use the HOT lanes. The improvements will remove cars from the regular lanes and make the Capital Beltway flow more efficiently – keeping traffic moving on the Capital Beltway and out of local neighborhoods. Commuters on the Capital Beltway will spend less time in stop-and-start traffic, saving fuel and vehicle maintenance costs.

“I am a Virginia resident who commutes to D.C. and Maryland on a regular basis. There are days I spend two hours or more sitting in traffic. If you compare the lost income to my firm, at my billable hour wage, versus the cost to enter the HOT Lanes, it just makes sense.”

Elyse Johnson, Alexandria

## Carpoolers and sluggers

The project will deliver a new HOV option to the Capital Beltway in Virginia – opening up carpooling and slugging opportunities to Virginia’s largest employment center, Tysons Corner. It will also significantly expand the regional HOV network, providing seamless connections with the planned I-95/395 HOV/BUS/HOT lanes, I-66 and the Dulles Toll Road.



The amount of traffic on the Beltway has tripled since it was expanded in 1974 – Environmental Impact Statement: Capital Beltway Study, 2002

# ABOUT THE PROJECT

The Capital Beltway HOT Lanes project will:

- Construct 14 miles of HOT lanes
- Add two new lanes on both the Inner and Outer Loop
- Increase capacity from eight to 12 lanes
- Upgrade 12 key interchanges
- Construct more than 70,000 linear feet (13 miles) of new or upgraded sound walls
- Add, upgrade or replace aging infrastructure, including 42 bridges and overpasses

## Public transportation users

The HOT lanes will make it possible for bus services to operate reliably on the Capital Beltway in Virginia for the first time, providing free flowing access for buses into Tysons Corner and other activity centers.



## The community

The project will support the region’s continued economic prosperity, unblocking the region’s busiest commuter route and providing greater access to busy activity centers such as Tysons Corner Center and Fairfax County Hospital.

HOT lanes will keep traffic moving efficiently on the Capital Beltway and reduce cut-through traffic in local neighborhoods.

And because HOT lanes provide incentives to use buses or carpools and create smoother traffic flow, the environment will benefit from reduced vehicle emissions.

George Mason University estimates that congestion costs the local economy nearly \$5.5 billion a year, including delays, excess fuel, lost productivity, recruiting challenges and added costs for shipments and deliveries.

# SAFETY THROUGH INNOVATION

- 24-hour safety monitoring
- Automatic incident detection
- Rapid incident response by dedicated private crews working seamlessly with law enforcement, VDOT and emergency services
- Real-time traffic information
- Emergency services coordination
- Improved access for emergency vehicles
- Enhanced evacuation routes



# PAYING TOLLS

Drivers will be able to choose to pay a toll to use HOT lanes when they need a faster, more reliable trip or use the regular lanes for free.

Toll prices vary throughout the day according to real-time traffic conditions to manage the level of traffic in the lanes and keep them congestion free – even during rush hour.

The regional HOT lanes network will be divided into segments, with customers “locking in” their toll price each time they enter a segment of the lanes. Electronic signs will display toll prices for upcoming segments so drivers always have plenty of time to choose whether or not to continue using the HOT lanes. For further information about tolls including sample trip costs please visit [www.virginiahotlanes.com](http://www.virginiahotlanes.com)

“HOT lanes give every motorist ‘congestion insurance,’ an alternative to gridlocked freeways for those times when they really need it.”

Geoffrey Segal, Times Community Newspaper