Dulles Corridor Improvements
Dulles Corridor Improvements
Status Update

- Condition assessment of Toll Road facilities is complete
- Dulles Airport Access Highway/I-495 Interchange Safety Improvements
  - Ramps 1 and 2 being constructed by VDOT
  - Ramp 3 future
- Studies Underway
  - Toll plaza optimization
  - Safety enhancements
  - Noise wall improvements
Dulles Corridor Improvements
Completed Projects

Toll Booth Repair/Rehabilitation

Comprehensive Guardrail Replacement

Improved Roadway & Overhead Lighting
Dulles Corridor Improvements
Completed Projects

Enhanced E-ZPass Throughput at Main Toll Plaza

Bridge Rehabilitation

Landscaping & Clean Up
Dulles Corridor Improvements
On-Going Projects

I-495/Dulles Airport Access Highway
Interchange Improvements

Replacement of Toll Revenue
Equipment Cabinets

Dulles Toll Road Westbound
Lane Pavement Repairs
Dulles Corridor Improvements
Noise Walls

Repair and Replacement Program
Existing Noise Walls

- Multiple Neighborhoods Repairs
  - Design Completed – November 2011
  - Construction Start – Spring 2012
  - Construction Complete – Summer 2012

- Noise Wall Replacement
  - Design Completion – December 2011
  - Construction Start – Spring 2012
  - Construction Complete – Fall 2012
Dulles Corridor Improvements
On-Going Planning & Studies

- Crash-Database Analysis
- Highway Noise Program
- Plaza Optimization & Improvements Study
- Intelligent Transportation System & Traffic Management System Master Plan
- Interchange Improvements Study
Dulles Corridor Improvements
Dulles Toll Road Aerial Photos
Dulles Toll Road
Operations
Dulles Toll Road Operations
Interchanges and Ramps

Drive to Ride

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY
DULLES TOLL ROAD
Here’s How E-ZPass Works

- Simply breeze through any E-ZPass toll lane and your account is automatically debited.
- E-ZPass works the same way on many other toll roads on the East Coast.
- E-ZPass toll rates on the Dulles Toll Road are the same as cash.
- E-ZPass is not administered by the Dulles Toll Road or the Metropolitan Washington Airports Authority.
Dulles Toll Road Operations
New Safety Service Patrol Introduced in 2010

- Emergency service to motorists in need
- Monday through Friday 6:00am - 8:30pm
  Weekends 9:00am - 5:00pm

<table>
<thead>
<tr>
<th>2011 Service Statistics (January - October)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courtesy Stops</td>
</tr>
<tr>
<td>Disabled Vehicles</td>
</tr>
<tr>
<td>Gas Needed</td>
</tr>
<tr>
<td>Flat Tire</td>
</tr>
<tr>
<td>Towing Required</td>
</tr>
<tr>
<td>Jump Starts</td>
</tr>
<tr>
<td>Motorist Assistance</td>
</tr>
<tr>
<td>Accident Response</td>
</tr>
<tr>
<td>Debris Removal</td>
</tr>
<tr>
<td>Traffic Control</td>
</tr>
<tr>
<td>Assist Officer</td>
</tr>
<tr>
<td>Abandoned Vehicles</td>
</tr>
</tbody>
</table>
Dulles Corridor Metrorail Project Finance Plan
Dulles Corridor Metrorail Project Finance Plan
Planned Sources of Funding

Sources of Funding for Dulles Corridor Metrorail Project **
Percentage of Total Funding based on
$2.821 billion preliminary capital cost estimate for Phase 2

- Dulles Toll Road: 53.9%
- Federal Grants: 16.1%
- Commonwealth of Virginia: 4.9%
- Airports Authority: 4.1%
- Loudoun County: 4.8%
- Fairfax County: 16.1%

** Contribution is fixed amount
** Contribution is fixed percentage of total cost
** Contribution is not fixed - amount and percentage of total cost may change.

** Based on current agreements among the funding partners.
The $2.821 billion preliminary cost estimate for Phase 2 assumes Fairfax and Loudoun Counties are successful in securing approximately $317 million of funding for the Route 28 station and five parking garages.

This chart does not include $150 million that may be provided by the Commonwealth of Virginia to pay interest on Dulles Toll Road revenue bonds.
Annual debt service requirements will be structured to moderate required toll rate increases.
Toll Rates
**Toll Rates**

**Approved Toll Rate Schedule**

Effective Sunday, January 1, 2012

<table>
<thead>
<tr>
<th></th>
<th>Mainline Plaza</th>
<th>Ramps</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Prior</td>
<td>New Rates</td>
</tr>
<tr>
<td>2-axle</td>
<td>$1.25</td>
<td>$1.50</td>
</tr>
<tr>
<td>3-axle</td>
<td>$1.50</td>
<td>$1.75</td>
</tr>
<tr>
<td>4-axle</td>
<td>$1.75</td>
<td>$2.00</td>
</tr>
<tr>
<td>5-axle</td>
<td>$2.00</td>
<td>$2.25</td>
</tr>
<tr>
<td>6-axle</td>
<td>$2.25</td>
<td>$2.50</td>
</tr>
</tbody>
</table>

The size and timing of future toll rate adjustments will depend on many factors, including the financial performance of the Dulles Toll Road and conditions in capital markets.

Projections of potential future toll rates will be developed as part of the comprehensive traffic and revenue study to be completed in early 2012.
## Toll Rates

### Comparable Toll Rates in the Region

<table>
<thead>
<tr>
<th>Route</th>
<th>Toll for Full Length Trip</th>
<th>Length (Miles)</th>
<th>Toll per Mile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dulles Toll Road – 2010</td>
<td>$1.75</td>
<td>13.4</td>
<td>$0.13</td>
</tr>
<tr>
<td>Dulles Toll Road – 2011</td>
<td>$2.00</td>
<td>13.4</td>
<td>$0.15</td>
</tr>
<tr>
<td>Dulles Toll Road – 2012</td>
<td>$2.25</td>
<td>13.4</td>
<td>$0.17</td>
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<tr>
<td>Dulles Greenway – 2012 (Off-peak) (1)</td>
<td>$4.75</td>
<td>14</td>
<td>$0.34</td>
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<tr>
<td>Dulles Greenway – 2012 (Peak) (1)</td>
<td>$5.55</td>
<td>14</td>
<td>$0.40</td>
</tr>
<tr>
<td>I-495 Capital Beltway HOT Lanes (2)</td>
<td>$5.50</td>
<td>14</td>
<td>$0.39</td>
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<tr>
<td>Maryland Intercounty Connector (Peak) (3)</td>
<td>$4.00</td>
<td>16</td>
<td>$0.25</td>
</tr>
</tbody>
</table>

(1) Assumes toll increase scheduled for January 1, 2012 is enacted. Includes $0.75 collected for access to the Dulles Toll Road.

(2) Scheduled to open in December 2012. Project sponsors expect cost of average trip to be between $5.00 and $6.00. Toll rates will range from $0.20 per mile in off-peak to $1.00 in peak period on high demand sections. (Source: [http://virginiahotlanes.com/documents/FAQ_HOT_Lanes_and_Tolling_092211.pdf](http://virginiahotlanes.com/documents/FAQ_HOT_Lanes_and_Tolling_092211.pdf))

(3) Beginning December 5, 2011, two-axle vehicles with E-ZPass® will pay a peak toll rate of $0.25 per mile, off-peak rate of $0.20 per mile and an overnight rate of $0.10 per mile. Drivers without a valid E-ZPass account will be charged a Video Toll Rate equal to 150% of the E-ZPass toll rate. (Source: [http://www.mdtamaryland.gov/ICC/pdf_files/ICC_Toll_Schedule_10-28-11.pdf](http://www.mdtamaryland.gov/ICC/pdf_files/ICC_Toll_Schedule_10-28-11.pdf))