Agenda

- Welcome and introductions
- Project background
- About the study
- Scope of the study
- Agency stakeholder coordination
- Project website
- Schedule
- Questions and feedback
Project Background
I-495 Express Lanes History

- Final Environmental Impact Statement and Record of Decision issued by FHWA – June 2006
  - Included Express Lanes improvements to George Washington Memorial Parkway

- Environmental document (NEPA) reevaluations completed
  - May 2007 (revised IJR project limits to south of Old Dominion Drive)
  - June 2008
  - December 2008
  - May 2009
  - July 2009
  - Dulles Interchange November 2009

- Express Lanes and Dulles Interchange open to traffic November 2012

- I-495 North Shoulder Lane Use Project (1½ mile Express Lanes merge to GW Parkway)
  - Study completed June 2014, Open to traffic June 2015

Virginia Department of Transportation
Project Background

Existing Conditions

- I-495 congestion routinely extends between American Legion Bridge and Tysons (south of Dulles Toll Road)

- Multiple hours of congestion during AM and PM peak periods and weekends

- Cut-through traffic using local roads and residential streets on either side of I-495
Project Background
Northern Virginia Express Lanes Network

- 90+ mile express lanes network by late 2022
- 54 miles in service
  - I-95, I-495, I-66 Inside the Beltway
- 31 miles under construction
  - I-395 Northern Extension, I-66 Outside the Beltway
- 10 miles in development
  - I-95 to Fredericksburg
- 3 miles under study
  - I-495 Northern Extension
- Three individual operators
# About the Study

## Potential Express Lanes Access

### Dulles Toll Road (VA Route 267) at I-495

<table>
<thead>
<tr>
<th>Existing Express Lane Access</th>
<th>New Express Lane Access To Be Studied</th>
</tr>
</thead>
<tbody>
<tr>
<td>495 South to Rt. 267 West</td>
<td>Rt. 267 East to 495 North</td>
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<tr>
<td>495 North to Rt. 267 West</td>
<td>Rt. 267 West to 495 North</td>
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<tr>
<td>Rt. 267 East to 495 South</td>
<td>495 South to Rt. 267 East</td>
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### George Washington Memorial Parkway (GWMP) at I-495

<table>
<thead>
<tr>
<th>Existing Express Lane Access</th>
<th>New Express Lane Access To Be Studied</th>
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<tr>
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<td>495 South to GWMP East</td>
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<tr>
<td>n/a</td>
<td>495 North to GWMP East</td>
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<tr>
<td>n/a</td>
<td>GWMP West to 495 North</td>
</tr>
<tr>
<td>n/a</td>
<td>GWMP West to 495 South</td>
</tr>
</tbody>
</table>

**New Access Between Express Lanes and General Purpose Lanes**

[Map showing express lanes access points]
Scope of Study
Project Elements

- NEPA environmental assessment – build vs. no-build
- Traffic analysis
- Preliminary engineering
  - Engineering-level survey
  - Functional plan set
- Traffic and revenue study
- Evaluation of procurement methods
Scope of Study
NEPA – Environmental Assessment

Technical studies
• Air quality analysis
• Alternative analysis
• Hazardous materials
• Historic resources
• Indirect and cumulative effects
• Natural resources
• Noise analysis
• Socioeconomic and land use analysis
• Traffic analysis
Scope of Study
Traffic Analysis

- Operational and safety analysis
  - I-495 & Dulles Toll Road mainlines
  - Parallel arterials within study corridor
- Traffic and Transportation Technical Report
- Interchange Justification Report
- Comparison of one build alternative versus no-build alternative
  - 2025 opening year
  - 2045 design year
Preliminary Engineering

- Identify concepts for widening and connections
- Develop conceptual drainage and stormwater management requirements
- Evaluate existing structures
  - Old Dominion Drive (VA 783)
  - Georgetown Pike (VA 193)
  - Live Oak Drive
  - George Washington Memorial Parkway
- Identify Right of Way impacts
- Develop conceptual cost estimate and project schedule
Project Implementation Plan

- Complete traffic and revenue study
  - Coordinated with traffic analysis
  - Consistent with other studies
- Evaluate and develop a project implementation plan
Agency Stakeholder Coordination

- Fairfax County Department of Transportation
- Fairfax County Park Authority
- Federal Highway Administration
- Maryland Department of Transportation
- Metropolitan Washington Airports Authority
- Metropolitan Washington Council of Governments
- National Park Service
- Northern Virginia Transportation Authority
- Virginia Department of Rail and Public Transportation
- Capital Beltway Express, LLC (Transurban)
- Others TBD
Project Website: www.495NorthernExtension.org
## Schedule

### Key Milestones

<table>
<thead>
<tr>
<th>Key Milestone</th>
<th>Begin Dates</th>
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</thead>
<tbody>
<tr>
<td>Public Outreach and Technical Coordination</td>
<td>May 2018</td>
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<tr>
<td>Public Information Meeting – Cooper Middle School</td>
<td>June 11, 2018</td>
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<tr>
<td>Begin NEPA – Environmental Assessment</td>
<td>June 2018</td>
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<tr>
<td>Environmental Assessment – Available for Public Comment</td>
<td>Winter 2018/2019</td>
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<tr>
<td>Public Hearing</td>
<td>Spring 2019</td>
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<tr>
<td>NEPA Decision from Federal Highway Administration</td>
<td>2019</td>
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<tr>
<td>Develop Project Implementation Plan</td>
<td>2019</td>
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Questions and Feedback