Transform I-66

Chief Engineer Garrett W. Moore, P.E.

July 12, 2018
Transform 66: Program Goals

- Improve multimodal mobility by providing diverse travel choices in a cost-effective manner
- Enhance transportation safety and travel reliability
- Reduce congestion
- Increase ridesharing and transit use
I-66 Outside the Beltway Project Area
I-66 Outside the Beltway Project

Two Express Lanes (convert existing HOV lane & add one lane)
- HOV-3+ and buses travel free
- Non-HOV tolled
- Congestion-based tolls (similar to other Express Lanes in region)
- Converting HOV-2+ to HOV-3+ by 2020, consistent with the region’s CLRP

Three regular lanes
- Open to all traffic
- No tolls
- Ramp-to-ramp connections between interchanges (auxiliary lanes)
- Safety, interchange and operational improvements

New transit service and other multimodal improvements
- High-frequency, fast and reliable bus service during extended peak periods
- Park-and-Ride facilities
- Transportation Demand Management (TDM) strategies
- Bicycle and pedestrian trail and improvements

Key Milestones

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
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<tbody>
<tr>
<td>Park and Ride Milestone (960 spaces near Gainesville)</td>
<td>Summer 2019</td>
</tr>
<tr>
<td>Route 28 Signalization (Remove 4 traffic signals from Route 28)</td>
<td>Summer 2020</td>
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<tr>
<td>Express Lanes Open</td>
<td>December 2022</td>
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Transform 66 Outside the Beltway Project

- **Express Mobility Partners (EMP)**
  - **Equity Investors**
    - Cintra Global LTD, Meridiam Infrastructure North American Fund II
  - **Design-Build Contractors**
    - Ferrovial Agroman US Corp, Allan Myers VA, Inc. (FAM Construction)

- **Project Cost**: $2.3 billion construction project
- **DBE Goal**: $225 million
- **SWaM Goal**: $405 million
- **24 trainees**

*Flexible barrier with buffer, median for potential future transit (with auxiliary lanes, if needed)*

*Two new express lanes alongside regular lanes in each direction will look similar to existing I-495 Express Lanes*
Transform 66 Outside the Beltway

- 12 interchanges
- 63 bridges and overpasses
- 3.1 million tons of asphalt
- 57 million pounds of steel
- 300+ pieces of heavy equipment
- 2.2 million linear feet of sound wall
- 2.3 million square feet of retaining wall
- 4,000 new park and ride spaces
- 18+ miles of new bike trail
- 1,000+ expected jobs needed to build
Transform 66 Outside the Beltway

Business and contract opportunities

- **Small trail projects** administered by VDOT, to be complete by Dec. 2022

- **Via I-66 EMP | FAM Construction**
  - Wide range of potential services including construction, materials, trucking, environmental, photography/videography and catering
  - Special pre-qualifications may be required
  - Interested businesses contact: DBEinfo@fam66.us and register at www.fauscorp.com

Contact:
Angela Roberson, Civil Rights, aroberson@ferrovial.us
Nina Etheridge, DBE/Diversity and Workforce, netheridge@fam66.us
Early Construction Activity
December 2017

Construction Ramp Up
Spring 2018

Results of Noise, Environmental, and Traffic Analyses
Early Summer 2018

Row Acquisition
Starting Spring 2018

Express Lanes Open
December 2022

Park and Ride Milestone
(960 Spaces near Gainesville)
Summer 2019

Route 28 Signalization (Remove 4 Traffic Signals from Route 28)
Summer 2020
Early Construction and Ramp-Up: 2018

Early Construction Activities:

- Pre-construction condition surveys
- Geotechnical surveys
- Utility surveys

Construction Ramp-Up in priority areas shown at November 2017 Design Public Hearings within VDOT Right of Way:

- Long term lane shifts
- Tree removal where necessary within existing right of way
- Erosion and Sediment Control Setup
- Utility Relocation
Construction Ramp-up: Spring and Summer 2018

Construction starting in 2018:
- Implemented
- June
- July
- August
- September
Construction Communications

- Provide travelers and direct impact communities with advance and real-time information about lane closures and construction information through:
  - Transform66.org
  - News media
  - Stakeholder E-blasts (6,643 subscribers, 18 E-blasts so far in 2018)
  - VDOT’s Northern Virginia Twitter
  - Virginia 511
  - Variable Message Signs
  - Community and homeowner association meetings
## Key Upcoming Milestones

<table>
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<tr>
<td>Additional Traffic and Environmental Studies</td>
<td>Spring and Summer 2018</td>
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<tr>
<td>Final Noise Study</td>
<td>Summer 2018</td>
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I-66 Eastbound Widening Project Area
I-66 Eastbound Widening Project Scope

One additional lane within the project limits, mostly left side, toward METRO

I-66 Eastbound (Existing)
Great Falls Street to Patrick Henry Drive

I-66 Eastbound (Proposed)
W&OD Trail Bridge Over Lee Highway (Route 29)

Trail Bridge Preliminary Design Remains Consistent with Community Input

Anticipated Schedule:

• Next Public Meeting: Late 2018/Early 2019
• Construction Start: Spring 2019
• Construction Complete: Fall 2020
I-66 Eastbound Direct Access to Metro

Improve access, reduce congestion on Route 7, and encourage increased Metro ridership

Anticipated Schedule:

- **Construction Start:** Summer 2019
- **Construction Complete:** Fall 2021
# Project Schedule

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<td>Begin Construction</td>
<td>Summer 2018</td>
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<tr>
<td>New Eastbound Lane and W&amp;OD Trail Bridge Open</td>
<td>Fall 2020</td>
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<tr>
<td>Ramp Improvements, Landscaping and Signal Work Completed</td>
<td>Fall 2021</td>
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$85.7 million Design-Build Contract awarded to Lane Construction