VIRGINIA RAILWAY EXPRESS
LONG BRIDGE BRIEFING

September 16, 2016
Oscar Gonzalez
Project Manager
Virginia Railway Express
LONG BRIDGE

Today’s Presentation

- Project Location
- Background
- Project Partners
- Project Schedule
- Purpose & Need
- Next Steps
Peak Hour Trips from Virginia to DC across the 14th Street Bridges (6:30 to 7:30 AM)

21,934 TOTAL TRIPS

Source: Transportation Planning Board 2013 Central Employment Core Cordon Count
LONG BRIDGE

Strategic transportation asset for the Eastern Seaboard  
*Links the North and the South*  
*Next crossing 75 miles away in WV*

Owned by CSX Transportation  
Shared by passenger & freight

**Typical Weekday Traffic**  
- 18 CSXT Freight trains  
- 34 VRE Commuter trains  
- 24 Amtrak trains
LONG BRIDGE
KEY DESIGN CHALLENGES

Constrained alignment
Adjacent development
Adjacent highways
Adjacent park/historic resources
Heightened security interest

Confined Rail Infrastructure
Unknown Riverbed Conditions
PROJECT PARTNERS

- Current efforts managed by a partnership of DDOT, DRPT and VRE, in conjunction with CSXT and Amtrak
- Led by FRA with FTA as cooperating agency
- Additional agencies with special areas of interests and/or jurisdiction, for example:
  - National Park Service
  - National Capital Planning Commission
  - Architect of the Capitol
  - Commission on Fine Arts
  - Department of Homeland Security
### PROJECT SCHEDULE

<table>
<thead>
<tr>
<th>Phase</th>
<th>Year</th>
<th>Quarter</th>
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<tbody>
<tr>
<td>Phase 1: Feasibility Study</td>
<td>2012</td>
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<tr>
<td></td>
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<td>2nd</td>
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<td>3rd</td>
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<td>4th</td>
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<tr>
<td>Phase 2: Development of Leading Alternatives</td>
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<tr>
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<tr>
<td>Phase 3: EIS/Preliminary Engineering</td>
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<td>4th</td>
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<td>2019</td>
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<tr>
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**Phase 1: Feasibility Study (2012-2014)**
Led by DDOT
FRA ARRA Grant

**Phase 2: Development of Leading Alternatives (2015-2016)**
Led by DDOT
FRA ARRA Grant

**Phase 3: EIS/Preliminary Engineering (2016-2018)**
Led by DDOT-VRE-DRPT Partnership
FRA TIGER Grant
LONG BRIDGE
KEY PHASE 3 ACTIVITIES

Long List of Alternatives (Phase 1 & 2) → Purpose & Need → Short List of Alternatives → NEPA Studies → Preferred Alternative

Purpose & Need
Short List of Alternatives
NEPA Studies
Preferred Alternative
LONG BRIDGE
DRAFT PURPOSE & NEED

**Purpose:** to address reliability and long-term railroad capacity issues in the Long Bridge corridor

**Need:**
- Increase railroad capacity
- Improve operational resiliency
- Enhance network connectivity
- Provide redundancy

<table>
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<tr>
<th>Carrier</th>
<th>Trains per Weekday</th>
<th>Current</th>
<th>2040</th>
<th>Change</th>
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<td>18</td>
<td>42</td>
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<td>24</td>
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<td>NS</td>
<td></td>
<td>0</td>
<td>6</td>
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LONG BRIDGE
NEXT STEPS

- Procure Phase 3 contractor (DDOT)
- Conduct Phase 3 NEPA/PE Study
  - Public and agency scoping meetings conducted on August 14, 2010
- Prepare funding for Final Design and Construction
  - DRPT and CSXT have pledged $30 million to advance engineering beyond PE
    - Part of the FASTLANE Atlantic Gateway project
  - Funding needed to complete Final Design and Construction