Overview

- FHWA Organization
- Roles and Responsibilities
- Federal Funding
- Improving our Infrastructure
- Accelerating Innovation – Every Day Counts
- One Federal Decision
Roles & Responsibilities under the FAHP

**FHWA Role**
- Review and approve State proposals
- Issue standards and best practices for initiating and managing projects
- Provide oversight and guidance on projects
- Reimburse States for eligible expenses

**State Role**
- Develop a Statewide 20-yr Plan in coordination with Metropolitan Planning Organizations (MPOs)
- Develop, plan, design, initiate and construct projects
- Maintain and operate highways
- Provide oversight to LPA Projects

**Partnership**
Federal Funding

Fixing America's Surface Transportation Act
Virginia’s 2020 Apportionment ($) under FAST Act

<table>
<thead>
<tr>
<th>State</th>
<th>National Highway Performance Program</th>
<th>Surface Transportation Block Grant Program</th>
<th>Highway Safety Improvement Program</th>
<th>Railway-Highway Crossings Program</th>
<th>Congestion Mitigation &amp; Air Quality Improvement</th>
<th>Metropolitan Planning</th>
<th>National Highway Freight Program</th>
<th>Apportioned Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virginia</td>
<td>630,756,761</td>
<td>315,701,430</td>
<td>64,143,588</td>
<td>4,889,748</td>
<td>58,893,491</td>
<td>8,154,467</td>
<td>38,482,756</td>
<td>1,121,022,241</td>
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Status of Reauthorization

- Congress - working on legislation
  - Senate Environment and Public Works Committee - passed bipartisan legislation out of the Committee.
  - House Transportation and Infrastructure Committee - crafting their own reauthorization proposal.

  *FHWA provided a record amount of technical assistance to Congress last year.*

- President Trump – noted the work of Senate EPW Committee in his State of the Union Address last month
President’s Fiscal Year 2021 Budget Request

- Includes $50.7 billion for highway and bridge infrastructure in FY 2021, which is $3.6 billion over the FY 2020 FAST Act level.
- Proposes a historic 10-year, $810 billion reauthorization of surface transportation programs – of which $602 billion is for FHWA programs.
- Additional details will be provided in the Administration’s upcoming surface transportation reauthorization proposal.
FY 2020 BUILD Grants

- Secretary Elaine L. Chao announced NOFO to apply for $1 Billion BUILD grants.
  - FY 2020 BUILD Transportation grants - for planning and capital investments in surface transportation infrastructure.

- Awarded on a competitive basis for projects that will have a significant local or regional impact.
  - intent is to award 50% of grant funding to projects in rural areas
  - maximum grant award is $25 million,
  - and no more than $100 million awarded to a single State, as specified in the appropriations act.
6 discretionary grant programs at FHWA may fund capital infrastructure projects to improve the safety, condition, and usage of infrastructure

<table>
<thead>
<tr>
<th>INFRASTRUCTURE (CAPITAL) DISCRETIONARY GRANT PROGRAMS*</th>
<th>FY19 FUNDING*</th>
</tr>
</thead>
</table>
| Nationally Significant Federal Lands and Tribal Projects | FY18 - $300,000,000  
|                                                       | FY19 - $25,000,000  |
| Tribal Transportation Program Safety Fund                | $9,900,000     |
| Advanced Transportation and Congestion Management Technologies Deployment | $60,000,000 |
| Accelerated Innovation Deployment (AID) Demonstrations   | $10,000,000     |
| Surface Transportation System Funding Alternatives (STSFA) | $20,000,000 |
| Competitive Highway Bridge Rehabilitation / Replacement Program | FY18 - $225,000,000  
|                                                       | FY19 – Formula |

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<th>INFRASTRUCTURE (CAPITAL) FINANCE PROGRAMS</th>
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<tr>
<td>Grant Anticipation Revenue Vehicles (GARVEE Bonds)</td>
</tr>
<tr>
<td>Section 129 Loans</td>
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</tbody>
</table>

*FY19 unless otherwise noted. Based on the most recent, publicly-available data, Notices of Funding Opportunity, and inputs from OST-B.
Improving the Nations Roads and Bridges
Where are we as a Nation?

- In 2019, nearly 228 million U.S. drivers racked up nearly 3.3 TRILLION miles on America’s roads.

- About 40 percent of America’s bridges are more than a half-century old.

- Our Interstate system, the backbone of the American economy, is handling three times the number of people and five times the traffic volume today than it did when it was first built.

- At more than 60 years old, it is retirement-eligible.
Competitive Highway Bridge Rehabilitation / Replacement Program

- Was available in 2019 to states with bridges in poor condition >7.5% (Virginia was not included)
- Specific rules for 2020 increased availability to all states for a minimum of $6M, and modified rules to eligible states (>5% poor)
- Specifically for Replacement and Rehabilitation
- Virginia funding for Federal FY 2020 is $8.45M
Specific Bridge Initiatives

Bridge Performance Measures: Bridge Condition

![Bar chart showing bridge condition by deck area for NHS, Interstate, and All Bridges. The chart indicates the percentage of bridges in Good, Fair, and Poor condition for each category.](chart.png)
Specific Bridge Initiatives

Bridge Performance Measures: NHS 10-year Trend
Examples of EDC Initiatives

Associated with the use of Concrete:

- Prefabricated Bridge Elements and Systems (EDC-1)
- Accelerated Bridge Construction (EDC-2)
- Ultra-High Performance Concrete Connections for Prefabricated Bridge Elements (EDC-3)
- Pavement Preservation - When, Where and How (EDC-4)
- Ultra-High Performance Concrete Connections for PBES (EDC-4)
Programs: Accelerated Innovation Deployment (AID)

AID Demonstration Program
The AID Demonstration program provides funding as an incentive for eligible entities to accelerate the implementation and adoption of innovation in highway transportation.
One Federal Decision
One Federal Decision Background

- Requires **major infrastructure projects** be processed as “One Federal Decision”
  - Multiple Authorizations by Federal Agencies
  - EIS
  - Reasonable Availability of Funds
- Sets **goal** for completing environmental reviews and authorization decisions to an **agency average** of not more than 2 years from publication of NOI
- DOES NOT replace current laws and regulations
FHWA OFD Projects

- U.S. Route 58/220 Bypass to North Carolina State Line Limited-Access Study (Virginia)
- I-495/I-270 Managed Lanes Study (Maryland)
- Allston I-90 Multimodal Project (Massachusetts)
- I-285 Top End Express Lanes (Georgia)
- I-526 Lowcountry Corridor West Improvements (South Carolina)
- Route 5 Buffalo Skyway (New York)
Questions