

# The Federal Highway Program

## 2020 Virginia Concrete Conference

Thomas L Nelson, Jr., P.E.  
FHWA Division Administrator  
Virginia  
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# Overview

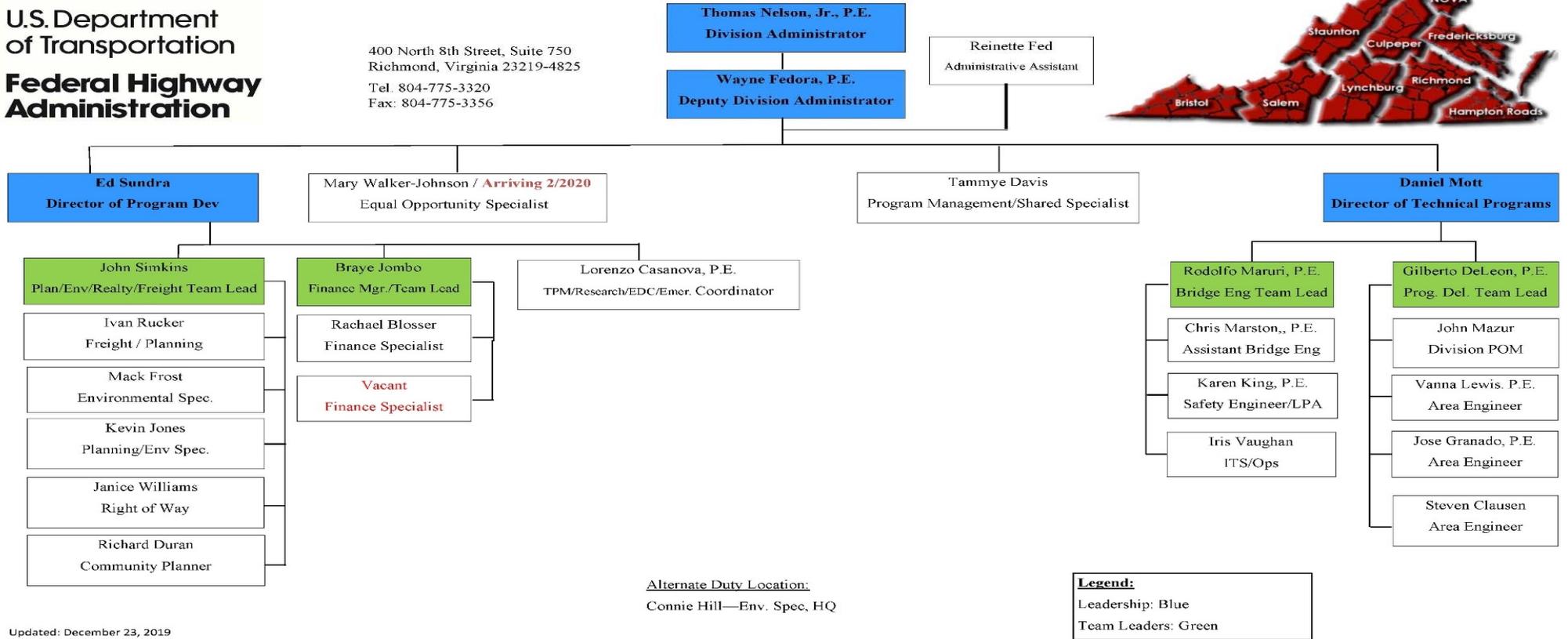
- FHWA Organization
- Roles and Responsibilities
- Federal Funding
- Improving our Infrastructure
- Accelerating Innovation – Every Day Counts
- One Federal Decision



U.S. Department of Transportation  
**Federal Highway Administration**

400 North 8th Street, Suite 750  
 Richmond, Virginia 23219-4825  
 Tel. 804-775-3320  
 Fax: 804-775-3356

## FHWA Virginia Division Organization Chart



Alternate Duty Location:  
 Connie Hill—Env. Spec, HQ

**Legend:**  
 Leadership: Blue  
 Team Leaders: Green

Updated: December 23, 2019

# 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

FY 2020 FEDERAL-AID HIGHWAY PROGRAM APPORTIONMENTS UNDER FIXING AMERICA'S SURFACE TRANSPORTATION (FAST) ACT (before post-apportionment set-asides; before penalties; before sequestration)								
State	National Highway Performance Program	Surface Transportation Block Grant Program	Highway Safety Improvement Program	Railway-Highway Crossings Program	Congestion Mitigation & Air Quality Improvement	Metropolitan Planning	National Highway Freight Program	Apportioned Total
Virginia	630,756,761	315,701,430	64,143,588	4,889,748	58,893,491	8,154,467	38,482,756	1,121,022,241

# 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 \$1Billion 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**

INFRASTRUCTURE (CAPITAL) DISCRETIONARY GRANT PROGRAMS*	FY19 FUNDING*
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
INFRASTRUCTURE (CAPITAL) FINANCE PROGRAMS	
Grant Anticipation Revenue Vehicles (GARVEE Bonds)	
Section 129 Loans	

\*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?

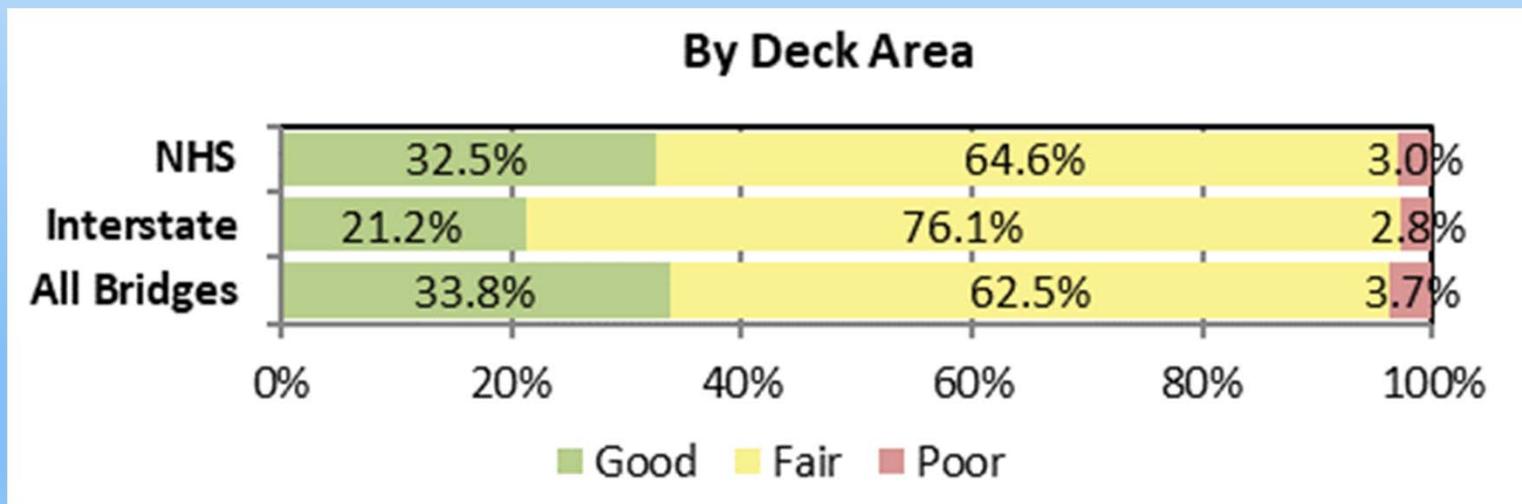
- In 2019, nearly 228 million U.S. drivers racked up nearly 3.3 TRILLION miles on America's roads
- About 40 percent of America's bridges are more than a half-century old.
- Our Interstate system, the backbone of the American economy, is handling three times the number of people and five times the traffic 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

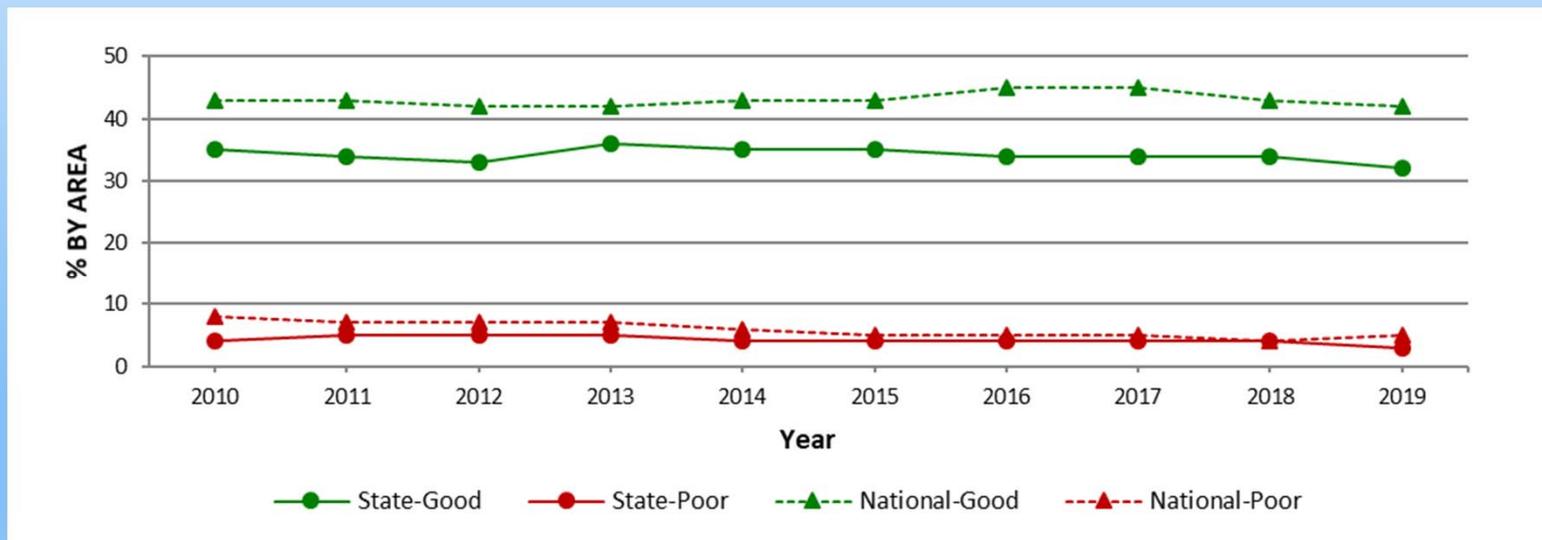
# Specific Bridge Initiatives

## Bridge Performance Measures: Bridge Condition



# Specific Bridge Initiatives

## Bridge Performance Measures: NHS 10-year Trend





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**ACCELERATING  
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**Learn from Others**  
Explore success stories >>



**Fund Innovation Deployment**  
Explore funding opportunities >>



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## 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.

**AID Demo**  
Accelerated Innovation Deployment



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# One Federal Decision

# One Federal Decision Background

- E.O. 13807 Establishing Discipline and Accountability in the Environmental Review and Permitting Process for Infrastructure Projects issued on **August 15, 2017**
- 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

