

# FHWA Update



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WV Transportation Planning Conference

Jeff Blanton

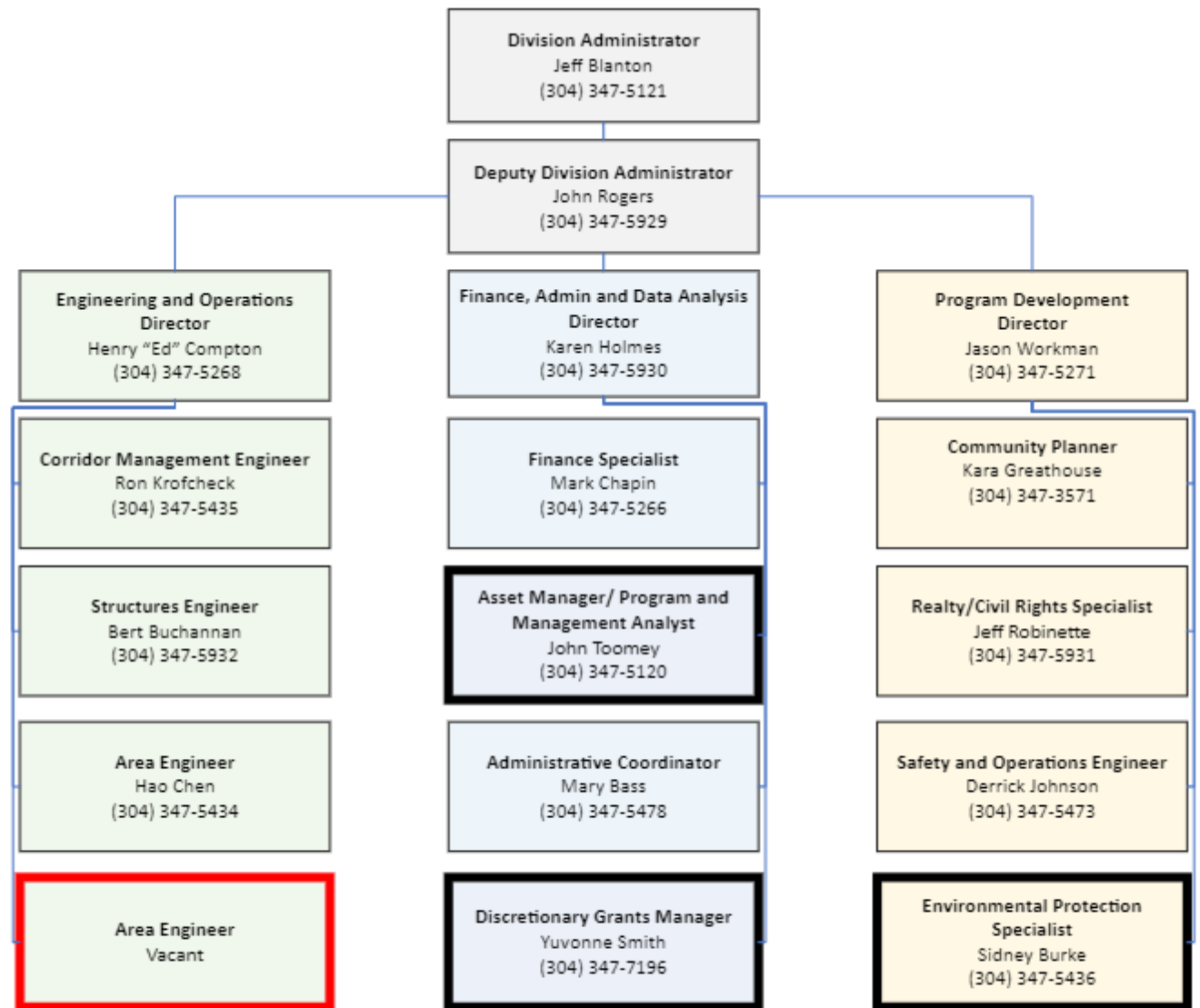
Division Administrator



# FEDERAL HIGHWAY ADMINISTRATION WEST VIRGINIA DIVISION OFFICE

## Current Office Location

Robert C. Byrd US Courthouse  
300 Virginia Street East Suite 7400  
Charleston WV 25301



**Vacant**

**Updated**



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# Safety Update: Highway Deaths are trending downward

- **Nationally**
  - 42,514 deaths in 2022
  - Deaths were down 1.7%. The fatality rate decreased 3.6% (1.33) in 2022.
  - For 2023, NHTSA estimates a 3.6% decrease in fatalities to 40,990 with the fatality rate falling to 1.26.
- **West Virginia**
  - 266 fatalities in 2022 which represented a 4.4% decrease from 2021.
  - Data for 2023 is indicating 268 fatalities. The number of fatal crashes continues to trend downward.



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# The Safe Systems Approach

Aims to eliminate fatal & serious injuries for all road users. It does so through a holistic view of the road system.

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## Traditional approach

Prevent crashes



Improve human behavior



Control speeding



Individuals are responsible



React based on crash history



## Safe System approach

Prevent death and serious injuries

Design for human mistakes/limitations

Reduce system kinetic energy

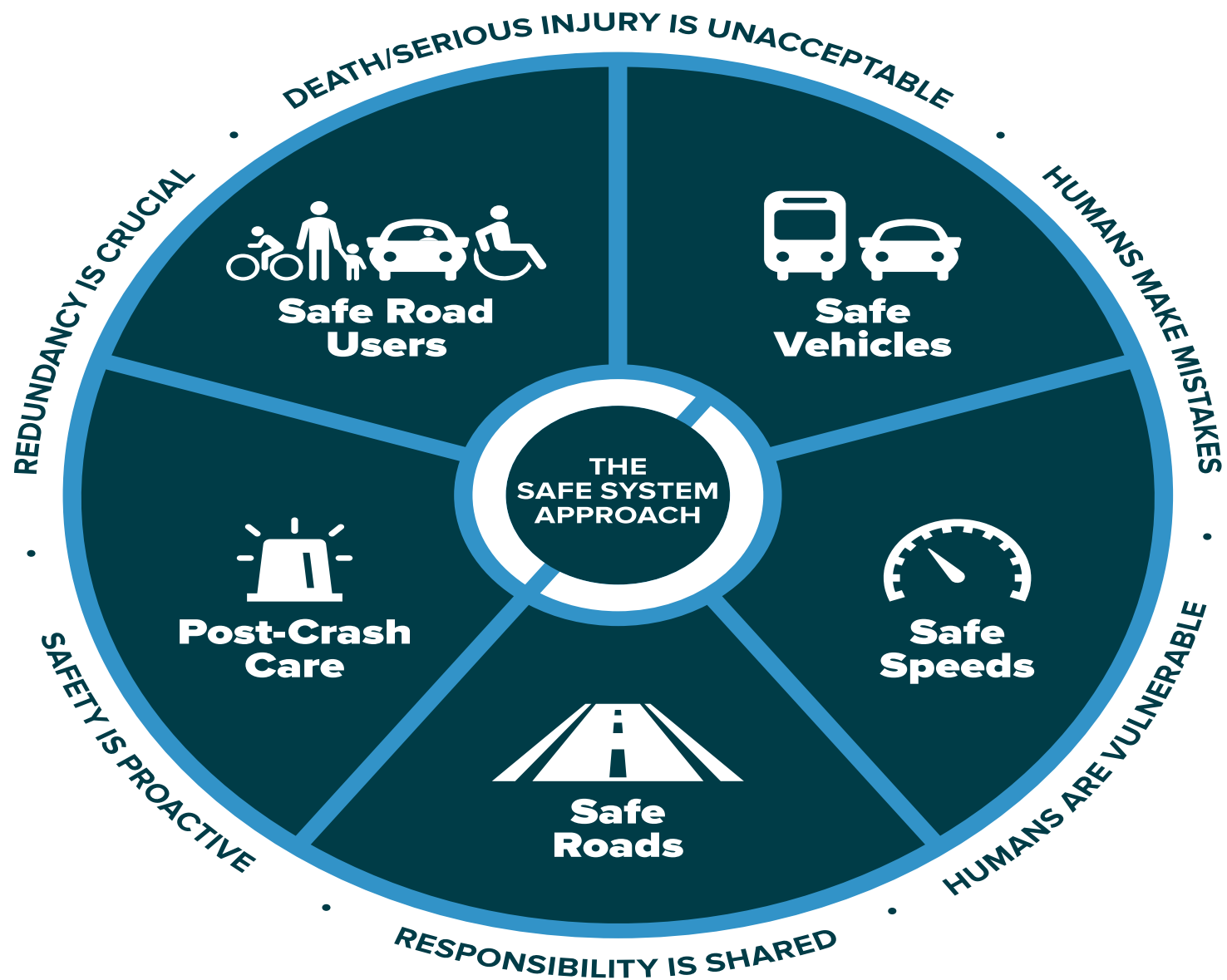
Share responsibility

Proactively identify and address risks

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# The 5 Safe System Elements Create Redundancy

The “Swiss Cheese Model” of redundancy creates layers of protection



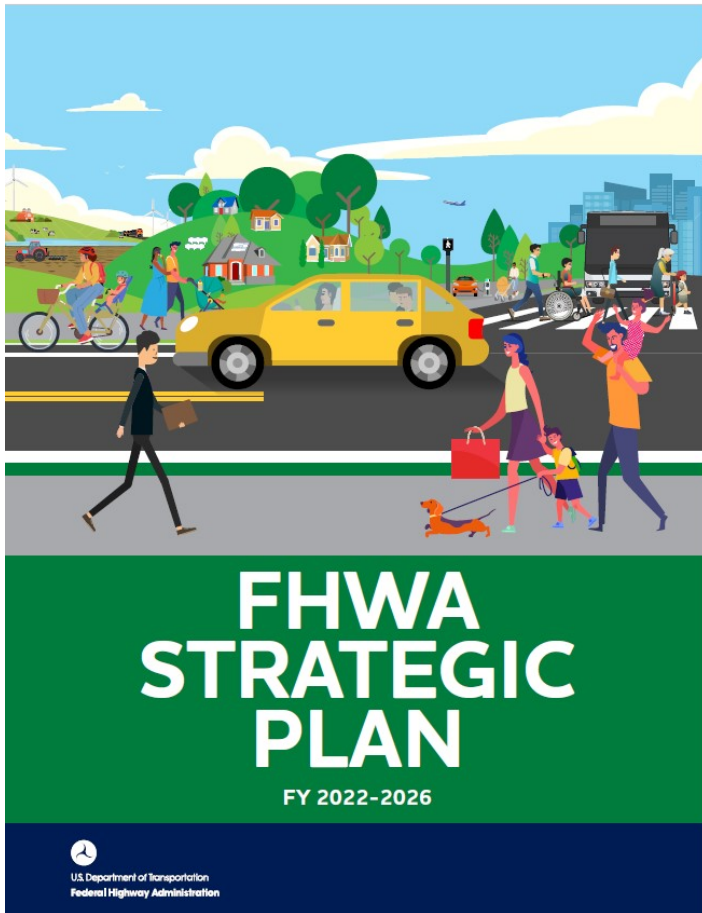
Death and serious injuries only happen when all layers fail





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# FHWA Strategic Goals: FY 2022 - 2026



- Safety
- Economic Strength & Global Competitiveness
- Equity
- Climate & Sustainability
- Transformation
- Organizational Excellence



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# Quick Recap – Infrastructure Investment & Jobs Act (IIJA)\*

\* Also known as the “Bipartisan Infrastructure Law (BIL)”





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# Infrastructure Investment & Jobs Act (IIJA)

- Once-in-a-generation investment in infrastructure
- Grows the economy, enhances U.S. competitiveness, creates good jobs, and makes the U.S. economy more sustainable, resilient, and equitable
- Unprecedented new Federal infrastructure investment
- Largest Dedicated bridge investment since the construction of the Interstate System



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# High Points of IJA Highway Provisions

- Funds highway programs for five years (FY 22-26)
- \$350.8 B (FY 22-26) for highway programs
  - \$303.5 B in Contract Authority (CA) from the Highway Trust Fund (HTF)
  - +\$47.3 B in advance appropriations from the General Fund (GF)
- More than a dozen new highway programs, including—
  - **Formula:** resilience, carbon reduction, bridges and electric vehicle (EV) charging infrastructure
  - **Discretionary:** bridges, EV charging infrastructure, rural projects, resilience, wildlife crossings, and reconnecting communities
- Focus on safety, bridges, climate change, resilience, and project delivery
- More opportunities for local governments and other non-traditional entities to access new funding

# Funding Available to a Range of Recipients



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Program Examples	State	MPO	Local	Tribe	PA*	Territory	FLMA*
Apportioned programs (formula)	✓						
Bridge Program (formula)	✓			✓			
National Electric Vehicle Formula Program	✓		✓				
Safe Streets and Roads for All program		✓	✓	✓			
PROTECT Grants (discretionary)	✓	✓	✓	✓	✓		✓
Charging and Fueling Infrastructure Program	✓	✓	✓	✓	✓	✓	
Congestion Relief Program	✓	✓	✓				
Bridge Investment Program (discretionary)	✓	✓	✓	✓	✓		✓
Reconnecting Communities Pilot Program	✓	✓	✓	✓			
Rural Surface Transportation Grants	✓		✓	✓			
INFRA	✓	✓	✓	✓	✓		✓
Nat'l Infra. Project Assistance	✓	✓	✓	✓	✓		
Local and Regional Project Assistance	✓	✓	✓	✓	✓	✓	



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# Nine Categories of HIP Funding Under IIJA (from the GF)

Total, FY 22-26	Program
\$27.5 B	Bridge Formula Program
\$9.2 B*	Bridge Investment Program (discretionary)
\$5.0 B	National Electric Vehicle Formula Program
\$3.2 B*	INFRA Program
\$1.3 B	Appalachian Development Highway System (ADHS)
\$0.5 B*	Reconnecting Communities Pilot Program
\$0.3 B*	Ferry Boat Program
\$0.2 B*	Reduction of Truck Emissions at Port Facilities
\$0.1 B*	University Transportation Centers (UTCs)



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# IIJA Focus on Sustainability and Resilience

# National Electric Vehicle Formula Program (formula and discretionary)



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Purpose	Strategically deploy electric vehicle (EV) charging infrastructure and establish an interconnected network to facilitate data collection, access, and reliability
Funding	\$5 B (FY 22-26) in advance appropriations from the GF
Recipients	<ul style="list-style-type: none"><li>• States (including DC and Puerto Rico)</li></ul>
Distribution formula	<ul style="list-style-type: none"><li>• Same shares as Federal-aid highway apportionments</li></ul>
Other key provisions	<ul style="list-style-type: none"><li>• Funded projects must be located along designated alt fuel corridors</li><li>• Sets aside 10% of funding for discretionary grants to State and local governments that require additional assistance to strategically deploy EV charging infrastructure</li><li>• State must submit plan to DOT describing planned use of funds</li><li>• If State doesn't submit plan (or carry it out), DOT may withhold or withdraw funds and redistribute within the State, or to other States</li><li>• Establishes DOT-DOE Joint Office of Energy and Transportation</li><li>• Requires DOT to designate national EV charging corridors to support freight and goods movement</li></ul>



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# Carbon Reduction Program (CRP)

Purpose	Provide funding for projects to reduce transportation emissions or the development of carbon reduction strategies.
Funding	\$6.4 B (FY 22-26) in Contract Authority from the HTF
Recipients	<ul style="list-style-type: none"><li>• States (including DC)</li></ul>
Distribution formula	<ul style="list-style-type: none"><li>• Apportioned to States by formula</li><li>• 65% of funds are suballocated (reserved for use in certain areas of the State, based on population)</li></ul>
Other key provisions	<ul style="list-style-type: none"><li>• Requires State, in consultation with MPOs, to develop (and update at least every 4 years) a carbon reduction strategy and submit it to DOT for approval.</li><li>• DOT must certify that a State's strategy meets the statutory requirements.</li></ul>



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# PROTECT \* Formula Program

Purpose	Planning, resilience improvements, community resilience and evacuation routes, and at-risk coastal infrastructure
Funding	\$7.3 B (FY 22-26) in Contract Authority from the HTF
Recipients	<ul style="list-style-type: none"><li>• States (including DC)</li></ul>
Distribution formula	<ul style="list-style-type: none"><li>• Apportioned to States by formula</li></ul>
Other key provisions	<ul style="list-style-type: none"><li>• Highway, transit, and certain port projects are eligible</li><li>• Higher Federal share if the State develops a resilience improvement plan and incorporates it into its long-range transportation plan</li><li>• Of the amounts apportioned to a State for a fiscal year, the State may use:<ul style="list-style-type: none"><li>○ not more than 40% for construction of new capacity</li><li>○ not more than 10% for development phase activities</li></ul></li></ul>

*\* The full name of the program is Promoting, Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) program.*





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# Focus on Safety

Highway Safety Improvement Program (HSIP)

Complete Streets

Railroad-Highway Crossings

Safe Streets and Roads for All

Wildlife Crossings Pilot Program

Improving Road Safety for All Users on Fed-aid Projects

Tribal Transportation Program Safety Fund (TTPSF)



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# IIJA's Impact for West Virginia

- More money and More projects
- WV can expect to receive approximately \$3.7 billion in Federal Highway formula funding for highways & bridges over the life of the IIJA
- On average, this is approximately 35.2% per year more than what WV received under the FAST Act
- Bridge Formula Program will allow WV to make significant progress to upgrade aging bridge infrastructure: Approx. \$109 million/year
- Formula funding to expedite completion of the Appalachian Development Highway System (ADHS): Approx. \$37 million/year



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# IIJA's Impact for West Virginia

- Approximately \$6.7 million yearly to expand electric vehicle charging infrastructure
- WV state & local entities will be able to compete for funding in a number of discretionary grant programs including bridge, resiliency, equity and EV infrastructure

A large, vibrant fireworks explosion is centered on a black background. The explosion consists of numerous thin, bright blue and white streaks radiating outwards from a central point, creating a starburst effect. The text "Thank You!" is overlaid in the center of the explosion.

Thank You!