

AMRP Briefing

Kelly Regal, Ph.D.

Associate Administrator for RD&T

Director, Turner-Fairbank Highway Research Center

May 2022





Notable RD&T Funding

Set Asides HRD

- Strategic Innovation for Revenue Collection: \$15M (§13001)
- National VMT Pilot: \$10M (§13002)
- Advanced Transportation Technologies and Innovative Mobility Deployment (ATTIMD): \$20M (§13006 (b))
- Small Business Innovation Research (SBIR) \$3.26M (15 USC 638)

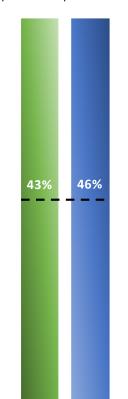
Mandatory Unspecified Funding

- Performance Management Data Support Program: Up to \$10 Million Annually (§13003)
- Permeable Pavements Study; TBD (§11518)
- Study on Stormwater Best Management Practices; TBD (§11520)
- Research and Technology Development and Deployment (Conditions & Performance Report): Est. \$1.25 M (§ 3006(a)(2)(F))
- Highway Cost Allocation Study: Est. \$7M (§11530)
- Cybersecurity Tool: TBD (§11510)

Eligible Activities

- Improve highway safety and infrastructure integrity;
- Strengthen transportation planning and environment decision-making;
- Reduce congestion, improve highway operations, and enhance freight productivity;
- Exploratory Advanced Research;
- Operation of TFHRC.

\$147M* \$110M*



*Authorized Amounts

TIDP Set Asides

- Accelerated Implementation and Deployment of Pavement Technologies (AIDPT): \$12M
 [23 USC 503(c)]
- Accelerated Implementation and Deployment of Advanced Digital Construction Management Systems: \$20M (§13006 (a)(5))
- Advanced Transportation Technologies and Innovative Mobility Deployment (ATTIMD): \$19M (§13006 (b))

Mandatory Unspecified Funding

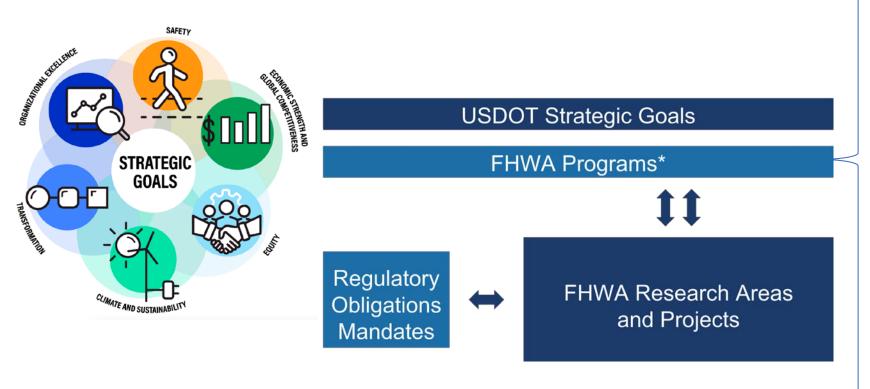
- Center of Excellence on New Mobility and Automated Vehicles; TBD (§13006 (c))
- Transportation Access Pilot Program: TBD (§13010)
- Vulnerable Road Users Establishment of Research Plan: TBD (§11122(b))

Eligible Activities

- Deploy research results and product developed under HRD;
- Demonstration programs;
- Technical assistance and training to researchers and developers;
- Tools and methods to accelerate adoption of practices and methodologies.



R&T Portfolio Alignment with USDOT Goals





Improving Highway Safety.



Improving Infrastructure Integrity, Sustainability, and Practices.



Strengthening Transportation Planning and Environmental Decision Making.



Reducing Congestion, Improving Operations, and Enhancing Freight Productivity.



Accelerating the Implementation and Delivery of New Innovations and Technologies.



Accelerating the Discovery of Transformational Solutions.



Crosscutting.