



New York Division Office

Ticonderoga Falls

# Federal Discretionary Grants

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06/15/23



U.S. Department of Transportation  
Federal Highway Administration

# Overview

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- BIL Highlights
- FHWA BIL Website
- Discretionary Grants
  - Types/sizes of programs
  - Program activity
  - SMART
  - ATTAIN
  - Grant process
- Q&A



# BIL – Highlights

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- BIL provides \$13.6 billion in formula funding to NY over five years (FY '22-26)
- Represents a 41.7% increase over the FAST Act



# BIL – Highlights

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- Creates more than a dozen new highway programs
- Themes include:
  - Safety
  - Bridges
  - Carbon emissions
  - System resilience
  - Reconnecting communities
  - Equity
- Formula and Competitive, aka Discretionary



# BIL – Highlights

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- Creates more opportunities for local governments and other entities
  - MPOs
  - Tribal Nations
  - Public authorities



# FHWA BIL Website

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Internet Highway Administration


https://www.fhwa.gov

U.S. Department of Transportation  
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About FHWA Programs Initiatives Newsroom

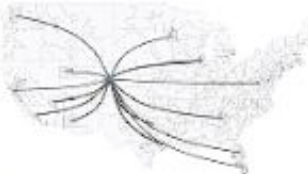
### Strengthening Our World-Class Highway System

#### Bipartisan Infrastructure Law



The Bipartisan Infrastructure Law will provide funding for the "Bipartisan Infrastructure Law" to fund a wide range of transportation infrastructure projects across the country. The law includes funding for a variety of transportation infrastructure projects, including roads, bridges, and transit. The law also includes provisions for the development of new transportation infrastructure, such as high-speed rail and electric vehicle charging stations.

#### New Household Travel Survey Data



The FHWA has released new data from the 2022 household travel survey, which provides information on travel patterns and trends. The data shows that travel has increased significantly since the pandemic, and that people are traveling more frequently and for longer distances. The data also shows that people are traveling more for work and business purposes, and less for leisure and recreation.

Featured and Popular

Federal Highway Administration

8/14/2023 1:14 PM



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Bipartisan Infrastructure Law - FH X

https://www.fhwa.dot.gov/bipartisan-infrastructure-law/

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# BIPARTISAN INFRASTRUCTURE LAW

FHWA Home / Bipartisan Infrastructure Law

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On November 15, 2021, President Biden signed the [Infrastructure Investment and Jobs Act \(IIJA\) \(Public Law 117-58, also known as the "Bipartisan Infrastructure Law"\)](#) into law. The Bipartisan Infrastructure Law is the largest long-term investment in our infrastructure and economy in our Nation's history. It provides \$550 billion over fiscal years 2022 through 2026 in new Federal investment in infrastructure, including in roads, bridges, and mass transit, water infrastructure, resilience, and broadband.

This website will serve as your one-stop shop for FHWA's implementation of the Bipartisan Infrastructure Law, including everything from fact sheets and funding notices to guidance, regulations, and presentations.

The FHWA will continue to add new information to this page over the weeks and months to come.

[Subscribe for Updates](#)



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# FHWA BIL Website

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## BIPARTISAN INFRASTRUCTURE LAW



You are subscribed to FHWA BIL Updates for U.S. DOT Federal Highway Administration. This information has recently been updated, and is now available.

Please visit FHWA's BIL website for more information:

[Bipartisan Infrastructure Law - Electric Vehicles | Federal Highway Administration \(dot.gov\)](#)

- National Electric Vehicle Infrastructure (NEVI) NPRM

[Bipartisan Infrastructure Law - Guidance | Federal Highway Administration \(dot.gov\)](#)

- National Electric Vehicle Infrastructure (NEVI) FAQs



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Bipartisan Infrastructure Law - Co X +

https://www.fhwa.dot.gov/bipartisan-infrastructure-law/grant\_programs.cfm

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# BIPARTISAN INFRASTRUCTURE LAW

FHWA Home / Bipartisan Infrastructure Law / Competitive Grant Programs

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## COMPETITIVE GRANT PROGRAMS

### Competitive Grant Funding Matrix

The United States Department of Transportation (USDOT) and FHWA have a variety of competitive grant programs used to fund various types of transportation projects and activities. The matrix illustrates these programs broadly, organized by applicant type. Potential applicants should refer to the applicable column in the matrix. The matrix lists grant programs (rows), which can be matched with the potential applicant (columns) the program can fund. Potential applicants should review program specific guidance to make informed decisions about each program.

The FHWA will continue to add additional programs/information to this page over the weeks, months, and years to come.

Grant Program	Program Description	State Highway Agency	Metropolitan Planning Organization	Local Government or Agency	Federally-recognized Indian Tribe	Federal Lands Management Agency	Puerto Rico	Territories	Other*	Additional Information
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Grant Program	Program Description	State Highway agency	Metropolitan Planning Organization (MPO)	Local Government or agency	Federally-recognized Indian Tribe	Federal Lands Management Agency (FLMA)	Puerto Rico	Territories	Other*	Additional Information
<a href="#">Rebuilding American Infrastructure with Sustainability and Equity (RAISE)</a>	Provides grants for surface transportation infrastructure projects that will have a significant local or regional impact (aka Local and Regional Project Assistance).	Yes	Yes	Yes	Yes		Yes	Yes	Yes	
<a href="#">Nationally Significant Multimodal Freight and Highway Projects (INFRA)</a>	Provides grants for multimodal freight and highway projects of national or regional significance.	Yes	Yes (with a population over 200,000)	Yes	Yes	Yes	Yes		Yes	
<a href="#">National Infrastructure Project Assistance Program (MEGA)</a>	Provides grants to surface transportation infrastructure that are too large or complex for traditional funding programs that will have a significant national or regional impact.	Yes	Yes	Yes	Yes		Yes	Yes	Yes	
<a href="#">Rural Surface Transportation Grant Program</a>	Provides grants for projects to improve and expand the surface transportation infrastructure in rural areas to increase connectivity, improve the safety and reliability of the movement of people and freight, and generate regional economic growth and improve quality of life.	Yes		Yes	Yes		Yes		Yes (Regional transportation planning organizations)	
	Provides grants to support local initiatives to prevent transportation-related									



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Bipartisan Infrastructure Law - Fa x +

https://www.fhwa.dot.gov/bipartisan-infrastructure-law/fact\_sheets.cfm

### BIPARTISAN INFRASTRUCTURE LAW

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### Fact Sheets

The [Infrastructure Investment and Jobs Act \(IIJA\)](#) (Public Law 117-58, also known as the "Bipartisan Infrastructure Law") is a once-in-a-generation investment in our infrastructure that will help grow the economy, enhance U.S. competitiveness, create good jobs, and build our safe, resilient, and equitable transportation future.

The FHWA is here to educate our stakeholders and the public on key information on the Bipartisan Infrastructure Law's highway provisions.

- [Advanced Transportation Technologies and Innovation \(ATTAIN\)](#) (PDF 145 kb)
- [Apportionment](#) (PDF 172 kb)
- [Bridge Investment Program \(BIP\)](#) (PDF 172 kb)
- [Bridge Formula Program \(BFP\)](#) (PDF 132 kb)
- [Carbon Reduction Program \(CRP\)](#) (PDF 210 kb)
- [Congestion Mitigation and Air Quality \(CMAQ\) Improvement Program](#) (PDF 139 kb)
- [Disadvantaged Business Enterprise Supportive Services Program \(DBE-SS\)](#) (PDF 78 kb)
- [Emergency Relief Program \(ER\)](#) (PDF 172 kb)
- [Federal Lands Access Program \(FLAP\)](#) (PDF 141 kb)
- [Federal Lands Transportation Program \(FLTP\)](#) (PDF 150 kb)
- [Ferry Boat Program \(FBP\)](#) (PDF 162 kb)
- [Highway Safety Improvement Program \(HSIP\)](#) (PDF 190 kb)





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os://www.fhwa.dot.gov/bipartisan-infrastructure-law/attain.cfm



### Advanced Transportation Technologies and Innovation

(Advanced Transportation Technologies and Innovative Mobility Deployment)

	FAST Act (extension)	Bipartisan Infrastructure Law (BIL)				
Fiscal year (FY)	2021	2022	2023	2024	2025	2026
Authorization	\$60 M	\$60 M	\$60 M	\$60 M	\$60 M	\$60 M

Note: Except as indicated, all references in this document are to the Bipartisan Infrastructure Law (BIL), enacted as the Infrastructure Investment and Jobs Act, Pub. L. 117-58 (Nov. 15, 2021).

Note: The BIL amended the Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) grant program and renamed it the Advanced Transportation Technologies and Innovative Mobility Deployment Program. In implementing BIL, FHWA will refer to this program as the Advanced Transportation Technologies and Innovation (ATTAIN) program.

#### Program Purpose

The ATTAIN program provides competitive grants to deploy, install, and operate advanced transportation technologies to improve safety, mobility, efficiency, system performance, intermodal connectivity, and infrastructure return on investment.

#### Statutory Citations

- § 13006(b); 23 U.S.C. 503(c)(4)

#### Funding Features

##### Type of Budget Authority or Authorization of Appropriations

- Contract authority from the Highway Account of the Highway Trust Fund, subject to the overall Federal-aid obligation limitation.

##### Source of funding

- The BIL funds the program through a set-aside from the Highway Research and Development, Technology and Innovation Deployment, and Intelligent Transportation System Research Programs. [§ 13006(b)(9); 23 U.S.C. 503(c)(4)(I)(i)]

##### Set-aside for rural areas

- **[NEW]** Not less than 20% of the amounts made available to carry out this program shall be reserved for projects serving rural areas. [§ 13006(b)(5); 23 U.S.C. 503(c)(4)(D)(ii)(II)]





# Types/Sizes of Grant Programs

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- Larger Programs
  - Bridge Investment Program (> \$2 billion in FY '22)
  - INFRA (> \$1 billion in FY '22)
  - Mega (\$1 billion in FY '22)
  - RAISE (\$1.5 billion each in FY '22 and FY '23)
  - SS4A (\$1 billion in FY '22 and > \$1 billion FY '23)







# Types/Sizes of Grant Programs

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- Smaller programs
  - ATTAIN/SMART (\$160 million in FY '22)
  - Charging and Fuel Infrastructure (\$700 million in FY '23)
  - Culverts (\$196 million in FY '22)
  - Reconnecting Communities (\$195,000,000 in FY '22)
  - Rural (\$300 million in FY '22)
  - Wildlife Crossings (\$111,850,000 in FY '23)



# Present Program Activity

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Program	Opened	Closes(d)	Funding Amount
Charging and Fueling Infrastructure	3/14/2023	6/13/2023	\$700 Million for FY '22/23
Culvert AOP	10/6/2022	2/6/2023	\$196 Million
PROTECT	4/21/2023	8/18/2023	\$848 Million
RAISE '23	11/30/2022	2/28/2023	\$1.5 Billion
Reduction of Truck Emissions at Port Facilities	4/27/2023	7/26/2023	\$160 Million for FY '22/23
SS4A '23	3/31/2023	7/10/2023	\$1.177 Billion
Wildlife Crossings	4/4/2023	8/1/2023	\$111.8 Million



# Future Program Activity

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Program	Opens	Closes	Previous Funding Level
Bridge Investment Program	TBD	TBD	> \$2 Billion
INFRA			≈ \$1 Billion
MEGA			≈ \$1 Billion
Reconnecting Communities			\$195 Million
Rural			\$300 Million





# SMART

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- = Strengthening Mobility and Revolutionizing Transportation
- Purpose
  - To conduct demonstration projects focused on advanced smart community technologies and systems in order to improve transportation efficiency and safety
- It is not designed to support fundamental research





# SMART

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- SMART is divided into two stages.
  - Stage 1 – planning, prototyping, and teambuilding
  - Stage 2 - implementing
- Note: DOT anticipates that only recipients of Stage 1 Planning and Prototyping Grants will be eligible for Stage 2 Implementation Grants.



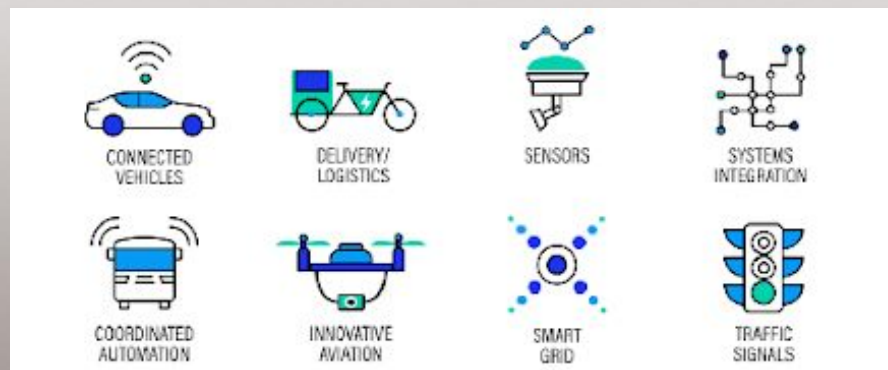


# SMART

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- Project domains:
  - Vehicle Technology
    - Automation
    - Connectivity
  - Systems Innovation
    - Delivery and logistics
    - Traffic signals
    - Smart grid
    - Data integration
  - New Ways to Monitor and Manage Infrastructure
    - Sensors
    - Unmanned aircraft systems



# SMART

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### New York

Recipient	Project Name	Funding	Project Type	Project Summary
City of Buffalo	Buffalo SMART Grant project	\$1,919,343	Curb Management	Capture real-time usage data and facilitate comprehensive curb management strategies in Downtown Buffalo.
City of Ithaca	Dynamic Signal Priority for School Buses, Transit and Fire Operations	\$1,782,310	Smart Traffic Signals	Deploy Traffic Signal Prioritization to improve the efficiency of school buses, transit, and fire operations in Ithaca.
New York State Metropolitan Transportation Authority	NY MTA - Inclusive Wayfinding through NaviLens	\$2,000,000	Transit Innovation	Implement a wayfinding application to allow visually impaired New York subway and bus customers to safely navigate their entire public transit trip.
New York State Thruway Authority	Smart Data Collection: Using Automation and Data Integration to Optimize Infrastructure Inspection	\$1,500,000	UAS	Use drone technology to inspect infrastructure along the New York State Thruway.





# SMART

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- Eligible applicants
  - A State
  - A political subdivision of a State
  - A federally recognized Tribal government
  - A public transit agency or authority
  - A public toll authority
  - A metropolitan planning organization
  - A group of 2 or more eligible entities detailed above, applying through a single lead applicant



# SMART

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- \$100 million/yr over 5 years
- FY '22...
  - NOFO opened 9/19/22...closed 11/18/22
  - 392 applications received
  - Average funding amount requested = \$1,541,154
  - 59 grants awarded
  - \$94 million
  - 33 States
- FY '23 NOFO expected to open in August '23 for the second round of Stage 1 grants
- [Strengthening Mobility and Revolutionizing Transportation \(SMART\) Grants Program | US Department of Transportation](#)





# ATTAIN

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- = Advanced Transportation Technologies and Innovative Mobility Deployment
- Previously called Advanced Transportation and Construction Management Technologies program...FAST ACT in 2015
- Purpose:
  - To deploy, install, and operate advanced transportation technologies to improve safety, mobility, efficiency, system performance, intermodal connectivity, and infrastructure return on investment







# ATTAIN

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- Types of Projects
  - Advanced traveler information systems
  - Safety systems
  - Data collection and analysis
  - Transportation management technologies
  - Technologies to improve emergency evacuation and response



# ATTAIN

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- Eligible applicants
  - A State
  - Localities
  - Tribal Nations
  - Transportation Authorities



# ATTAIN

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- \$60 million/year over 5 years
- Goal for FY '22 was to award between 5-12 grants up to \$12 million each
- FY '22...NOFO opened 9/19/22...closed 11/18/22
  - 8 grants awarded
  - \$52,780,000
  - 4 States, 1 Transit Authority, 1 County, 1 political subdivision of a State, 1 University,
  - [Biden-Harris Administration Announces More than \\$52 Million in Advanced Technology Grants to Improve Safety and Reduce Travel Times | FHWA \(dot.gov\)](#)





# Competitive Grant Process

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- Notice of Funding Opportunity (NOFO)
  - Funding level
  - Program elements
  - Eligible entities
  - Application deadline
  - Grants.gov
- Rolled out annually either by OST or FHWA
  - Bypasses the NY Division Office





# Competitive Grant Process

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- Applications reviewed
  - OST
  - FHWA
- Selections formally announced
- FHWA Division Office contacts recipients
- Kickoff webinars
- Development of the grant agreement





# Competitive Grant Process

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- Grant agreement templates
  - Planning
  - Capital
  - Direct recipient vs. Sub-recipient
- Execution date of grant agreement = eligibility date for the grant funds!







# Competitive Grant Process

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- Use of grant funds
  - Consistent with grant application
- Federal requirements
  - 2 CFR 200 vs. Title 23
- FHWA monitoring/Recipient reporting
  - Budget, Schedule, & Scope
- Application debrief



# FHWA Overview

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## Questions?



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