

# CHASING THE MONEY

EMPOWER: 2023 Channel Partner Summit

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# AGENDA

## IIJA Overview

- Discuss overall value
- Types of programs being funded

## Let's Talk Funding

*Or How can we benefit?*

- Competitive vs. Formula Grants
- Type of grants
- How SWARCO McCain Solutions apply

## Let's Chase the Money

- Tips & Tricks for going after available funding



# THE INFRASTRUCTURE INVESTMENT AND JOBS ACT (IIJA)

## \$1.2 Trillion

and includes funding for our:



BRIDGES



ROADS



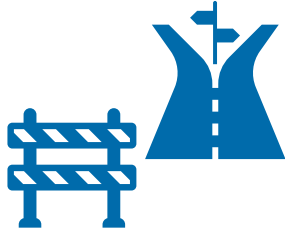
TRANSIT  
SYSTEMS

Confidential



# THE INFRASTRUCTURE INVESTMENT AND JOBS ACT (IIJA)

The largest investment in:



Roads and bridges since the  
Interstate Highway System



Public Transportation



Passenger rail  
in 50 years



Tackling legacy pollution



Clean, electric buses



Upgrading the power grid



Clean water infrastructure



Broadband expansion



# IIJA TRANSPORTATION BREAKDOWN



**\$110 Billion**

**Roads, Bridges & Major  
Projects**



**\$25 Billion**

**Airports & Federal  
Aviation Facilities**



**\$66 Billion**

**Passenger & Freight Rail**



**\$17 Billion**

**Ports & Waterways**



**\$39 Billion**

**Public Transportation**



**\$7.5 Billion**

**Electric Vehicles**



**\$38 Billion**

**Transportation System  
Safety**

# ROADS, BRIDGES, & MAJOR PROJECTS

\$110 Billion Project Funding Includes:



**\$40 Billion**

Replacing or Repairing  
Roads & Bridges



**\$7.5 Billion**

Competitive Grants for  
Surface Transportation  
Projects



**\$8 Billion**

Support Significant  
Freight & Highway  
Projects



**\$5 Billion**

Competitive Grans for  
Multi-Jurisdictional /  
Regional Projects



# Let's Talk Funding!



BEFORE WE CONTINUE,  
WHAT TYPES OF GRANTS ARE BEING  
DISBURSED YOU ASK?

**Formula Grants**

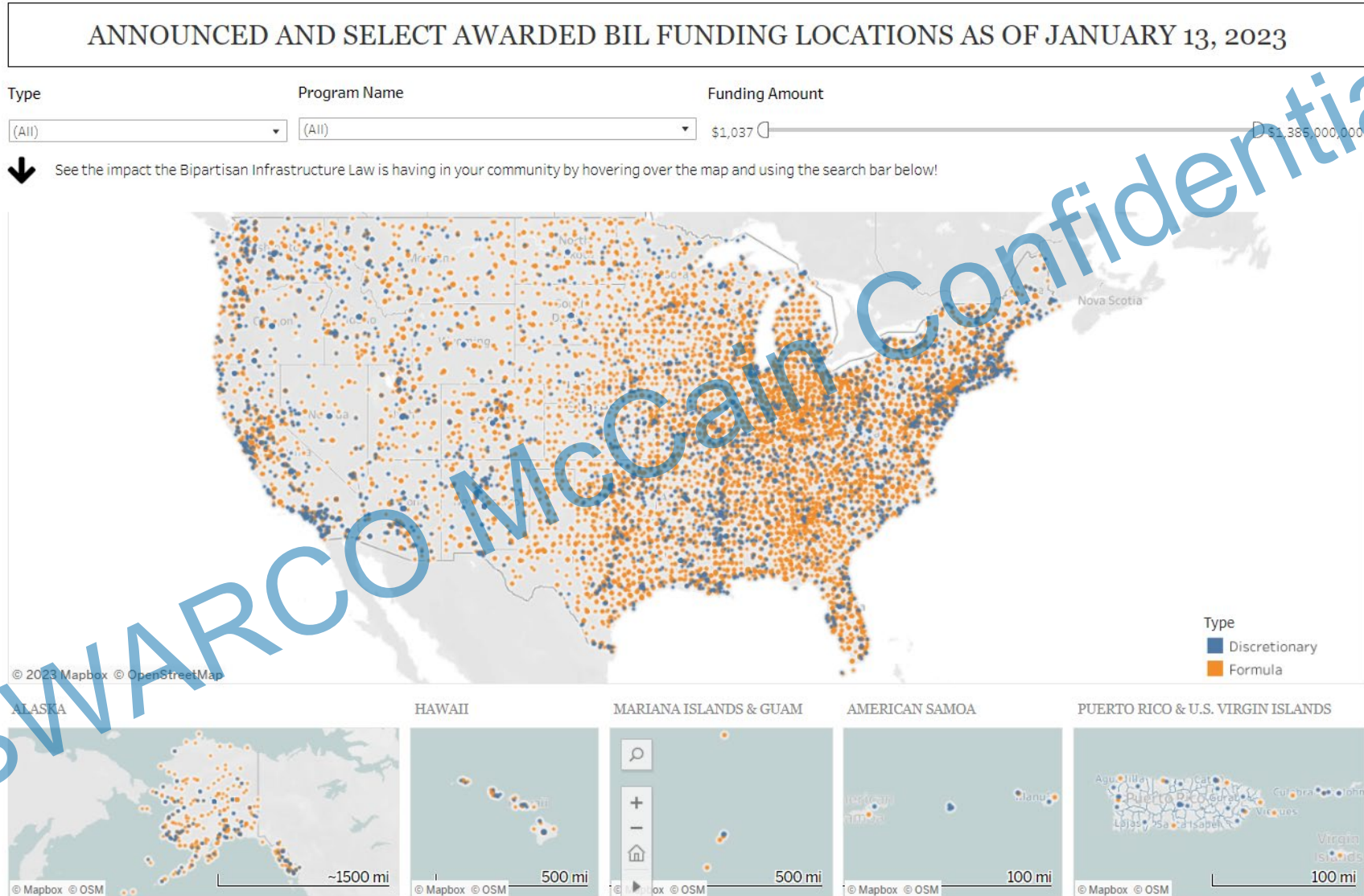
VS.

**Competitive Grants**



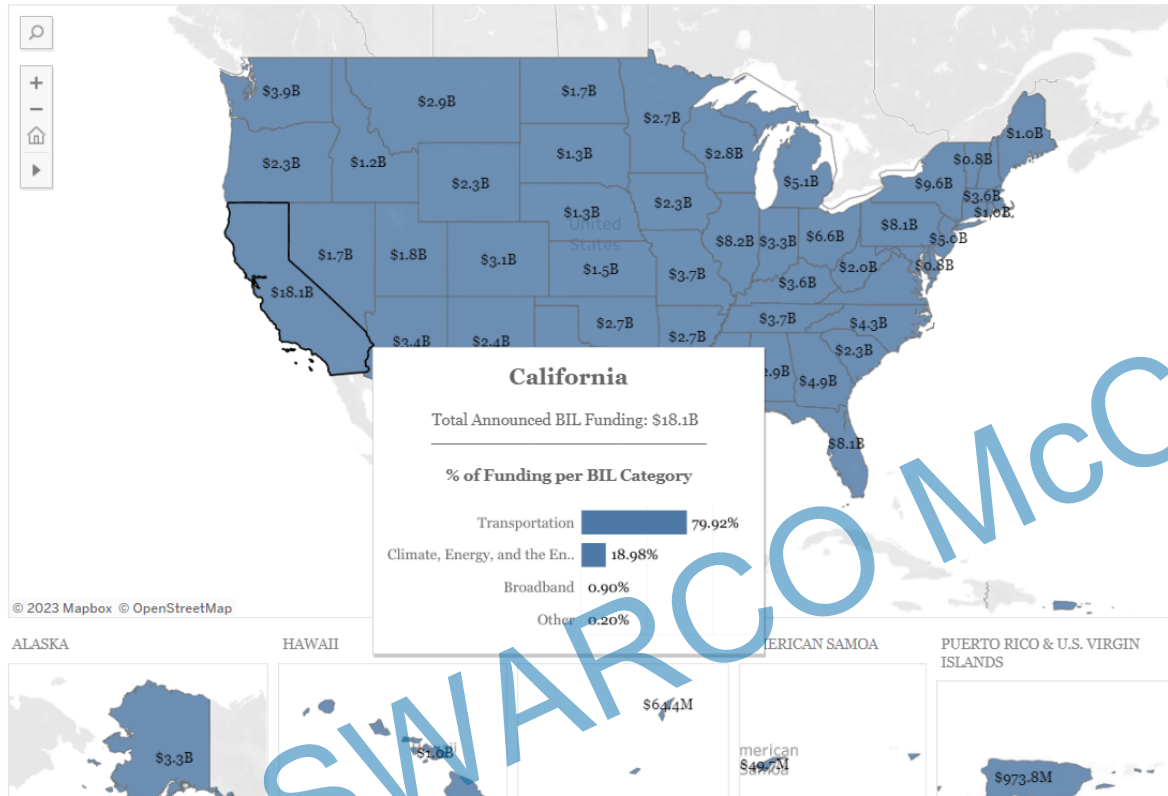


# IIJA FUNDING OVERVIEW

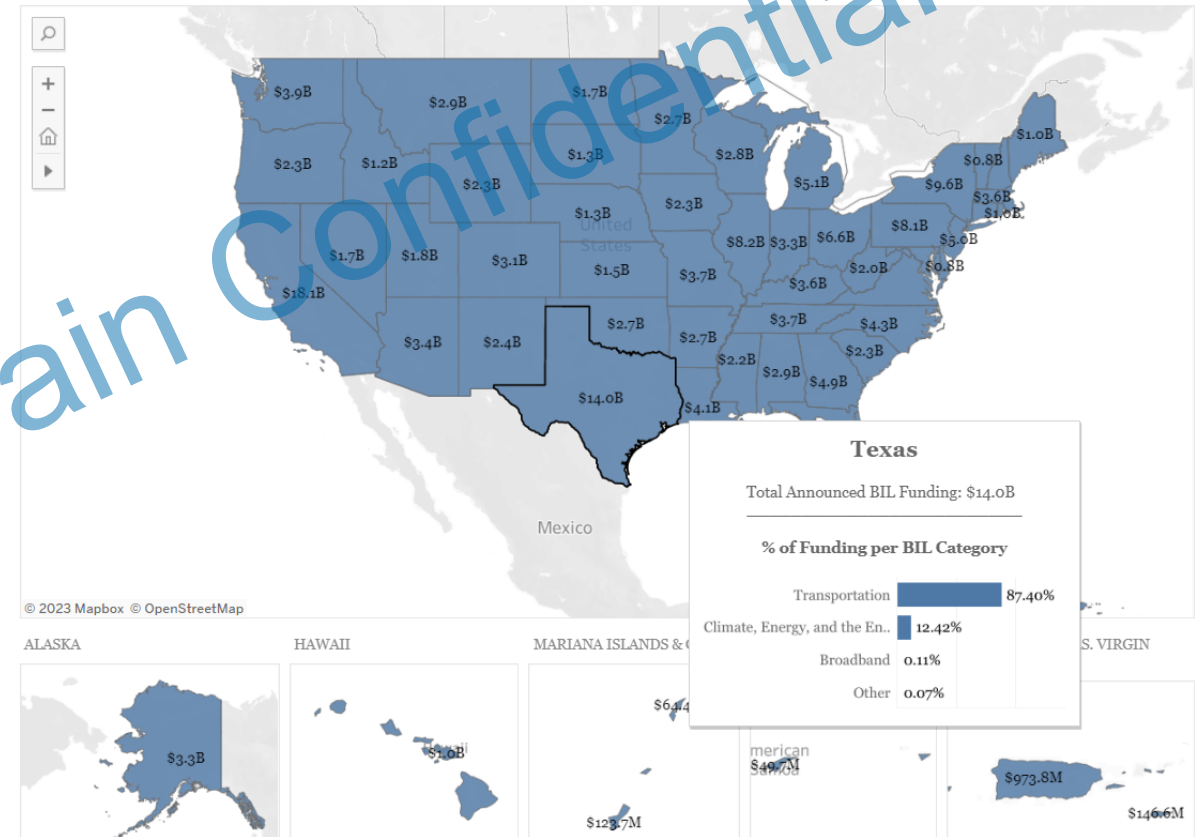


# IIJA FUNDING OVERVIEW

STATE-LEVEL SUMMARY OF BIL FUNDING AS OF JANUARY 13, 2023



STATE-LEVEL SUMMARY OF BIL FUNDING AS OF JANUARY 13, 2023





# IIJA & FORMULA GRANTS

**\$273.2 Billion**

**Authorization** In Federal-aid highway formula funding for States



**Distribution**

FHWA allocates funds to states and Washington DC



**Funding**

State Departments of Transportation directly fund projects and programs

**example:**



**\$28.2 Billion**

Federal highway formula funding for bridges & highways

↑ **44.1%**

&

**\$10.3 Billion**

Improve public transportation options across the state

↑ **37%**

# TYPES OF FORMULA GRANTS UNDER IIJA

## Federal-aid Highway Formula

Replacing or Repairing  
Roads & Bridges

**\$52.5 Billion for FY22**

## Bridge Formula Program

Funding for States to replace, rehabilitate,  
preserve, protect and construct bridges on  
public roads.

**\$5.3 Billion for FY22**



# COMPETITIVE GRANTS

## Competitive Infrastructure Funding For Local Governments

**\$1.4 Billion**  
in Competitive Grants

Total of 25 competitive programs available for local governments to compete on an annual basis for additional funding.

Grant Name	Funding Over 5 Years	Latest NOFO or Anticipated Release
RAISE Grant	\$7.5 Billion	FY23 Applications due February 28, 2023
SMART Grant Program	\$500 Million	FY22 Applications due November 18, 2022
SS4A Grant Program	\$5 Billion	FY23 NOFO expended to open April 2023



# RAISE GRANT

## Rebuilding American Infrastructure With Sustainability and Equity Grant



### PURPOSE:

Competitive Grant to invest in road, rail, transit and port projects that promise to achieve national objectives.

### AMOUNT AVAILABLE:

\$7.5 Billion over 5 years

\$1.5 Billion available for 2023

At least \$15 Million is guaranteed for projects in Areas of Persistent Poverty or Historically Disadvantaged Communities

### 2022 AWARDS:

166 Projects funded

### SOLUTIONS THAT MAY QUALIFY:

Full SWARCO McCain portfolio

(e.g., ATC Cabinets / Controllers, Adaptive, Central System, etc.)



# RAISE GRANT

## Rebuilding American Infrastructure With Sustainability and Equity Grant

### Urban, Capital

#### Revitalizing Philadelphia's Local Roadways

City of Philadelphia  
Pennsylvania

Grant Funding: \$25,000,000

Estimated Total Project Costs: \$29,320,000

#### Project Description:

This project will make improvements along seven high-crash corridors totaling approximately five miles. Proposed improvements include traffic safety treatments, signal modernization, ADA accessibility improvements, and various roadway upgrades.

#### Project Benefits:

The proposed improvements will significantly reduce collisions within the corridor and enhance bicycle and pedestrian safety. The project will result in reduced vehicle miles traveled and improve sustainable transportation options. The project's use of innovative technologies, like fiber optic connections and wireless communications, will further improve safety and accessibility for users. The project will also use workforce development programs to create high-quality, good-paying jobs for traditionally underrepresented Philadelphians, including women and people of color.

### Urban, Capital

#### McGilchrist Complete Streets Project

City of Salem  
Oregon

Grant Funding: \$13,229,320

Estimated Total Project Costs: \$21,836,950

#### Project Description:

This project will fund construction for the McGilchrist Complete Street Project, which will make improvements on approximately 8,500 feet of roadway. The project will add cycle tracks, sidewalks, and turn lanes. It will also reconstruct existing travel lanes, build Green Stormwater Infrastructure, add two creek crossings, an improved railroad crossing, a new traffic signal and traffic signal reconstruction, and street lighting.

#### Project Benefits:

The project will make it safer for cyclists, pedestrians, and drivers. The project will support transportation options such as walking, biking, and transit, and make it easier for residents to access jobs and other essential destinations.



### Rural, Capital

#### Gateways to Opportunity Project

City of Beloit  
Wisconsin

Grant Funding: \$13,476,269

Estimated Total Project Costs: \$18,126,269

#### Project Description:

The project will replace an existing two-lane structure over Springbrook Creek with a new four-lane structure with bicycle and pedestrian accommodations on both sides of the structure. The project will reconstruct and upgrade parts of Willowbrook Road, and reconstruct parts of Colley Road from Willowbrook Road to Gateway Boulevard by creating multilane roundabouts at three intersections and making railroad crossing improvements.

#### Project Benefits:

The project will improve the long-term efficiency and reliability of movement in the project area, and create greater accessibility to essential, recreational, and tourist destinations. The reconstruction of the transportation assets will improve the condition of the roadways and bring them into a state of good repair. The project is the result of years of collaboration between the City of Beloit and the Ho-Chunk Nation, demonstrating significant partnership.



Long Bridge Bicycle and Pedestrian Crossing Project	Virginia	\$20,000,000	Urban	Capital
Three Notched Trail Shared Use Path Master Plan	Virginia	\$2,007,045	Rural	Planning
Connecting Lynnwood: Poplar Way Bridge	Washington	\$25,000,000	Urban	Capital
Alpert Road Multimodal & Regional Access Improvements	Washington	\$1,050,000	Rural	Planning
Bothell Way NE Multimodal Improvements	Washington	\$19,000,000	Urban	Capital
Heritage Connectivity Trails - Phase 1	Washington	\$1,000,000	Rural	Planning
Lummi Island Ferry Replacement and System Modernization Project	Washington	\$25,000,000	Rural	Capital
Pines Road/BNSF Grade Separation Project	Washington	\$21,689,221	Urban	Capital
Reconnecting I-90 Communities	Washington	\$5,000,000	Urban	Planning
Wheeling Streetscape	West Virginia	\$16,250,254	Rural	Capital
Greenbag Road Corridor Planning and Design Project	West Virginia	\$4,200,000	Rural	Planning
Bicycle and Pedestrian Swing Bridge	Wisconsin	\$5,341,931	Rural	Capital
FCPC Pathway to Wellness: Multimodal Safety & Connectivity Project	Wisconsin	\$9,531,340	Rural	Capital
Gateways to Opportunity Project	Wisconsin	\$13,476,269	Rural	Capital
Oneida Transit Bus Garage	Wisconsin	\$2,952,050	Urban	Capital
Lincoln County Rural Planning Project	Wyoming	\$1,790,000	Rural	Planning



## SMART GRANT PROGRAM

### The Strengthening Mobility & Revolutionizing Transportations Grant

#### PURPOSE:

For public sector agencies to conduct demonstration projects focused on advanced smart community technologies and systems to improve transportation efficiency and safety.

#### AMOUNT AVAILABLE:

\$500 million over 5 years

\$100 million annually for FY 2022-2026

#### FY 2022 Applications:

Application deadline was November 18, 2022

392 applications were submitted

FY22 Awards to be released first half of 2023

#### Eligible Projects:

- › Coordinated automation
- › Connected vehicles
- › Sensors
- › Systems integration
- › Delivery / logistics
- › Innovative aviation
- › Smart grid
- › Traffic signals

#### Solutions that may qualify:

- › Transparency® TMS
- › ATSPM
- › ATC Cabinets & Controllers
- › Adaptive signal control

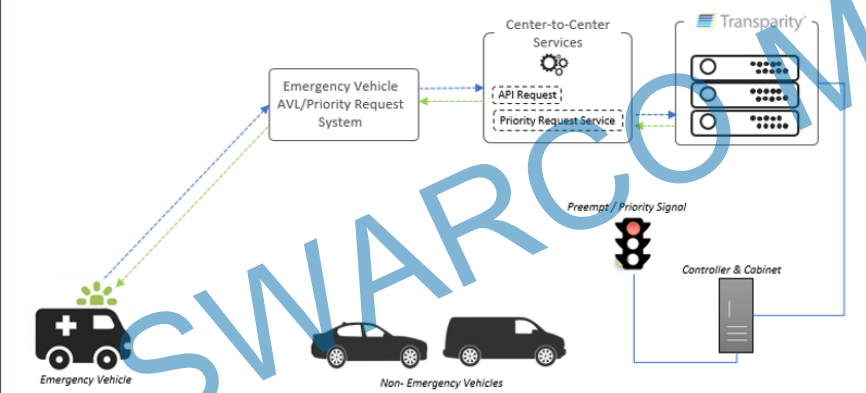


### Sample Solution:

*SWARCO McCain submitted an application with other team members to propose Transparency Priority Request Solution for Springfield, MO*

The Transparency Priority Request Solution utilizes standards compliant Center-to-Center communication to exchange information and implement signal priority requests from a wide range of external systems.

As the solution was designed for extensibility, the solution has the capability to be expanded to service requests from Emergency Vehicle, Transit, Freight, and Vulnerable Road Users (i.e., bicycle riders and pedestrians). By adhering to standards compliant interfaces, the Transparency Priority Request Solution ensures timely implementations and extensibility to emerging applications.



The DOT website provides examples of projects that could be eligible for the SMART Grant Program:

- **Safety & Reliability:** Prioritize emergency vehicles, buses, and other public fleets through traffic signal priority.
- **Climate & Resiliency:** Reduce congestion by leveraging trajectory analysis along a corridor to adjust signal timing to current conditions.
- **Integration:** Facilitate on-demand conversion of right-of-way for pedestrians and cyclists with adaptable smart infrastructure.
- **Integration:** Make safety and mobility improvements through sensors that collect continuous traffic data for passenger vehicles, trucks and buses, cyclists, and pedestrians, and integrate with traffic signalization systems and transportation planning tools.
- **Integration:** Improve the operation and management of traffic signals and develop evaluation criteria that support agency goals leveraging Automated Traffic Signal Performance Measure (ATSPM) equipped signals.





# SS4A GRANT Safe Streets for All Grant Program

## PURPOSE:

To support efforts to advance “**vision zero**” plans and other complete street improvements to reduce crashes and fatalities, especially for cyclists and pedestrians.

### Action Plan Grant

Assists communities that do not currently have a roadway safety plan in place to reduce roadway fatalities, laying the groundwork for a comprehensive set of actions.

### Implementation Grant

Provides funding for communities to implement strategies and projects that will significantly reduce or eliminate transportation-related fatalities and serious injuries.

## AMOUNT AVAILABLE:

\$5 Billion over 5 years

\$800 Million for FY22

## FY 2022 Awards:

510 projects awarded February 1, 2023  
(473 Action Plan Grants + 37 Implementation Grants)



**Project Eligibility:**

- Develop or update a comprehensive safety Action Plan.
- Conduct planning, design, and development activities in support of an Action Plan.
- Carry out projects and strategies identified in an Action Plan.

**Implementation Grant Examples:**

Promoting the adoption of innovative technologies or strategies to promote safety and protect vulnerable road users in high-traffic areas where commercial motor vehicles (CMVs), pedestrians, bicyclists, motorcyclists, etc. interact.

**Solutions that May Apply:**

Full SWARCO McCain portfolio  
(e.g., ATC Cabinets / Controllers, Adaptive, Central System, etc.)



## SS4A GRANT Safe Streets for All Grant Program

### Urban

#### Western Addition Community Safe Streets Project

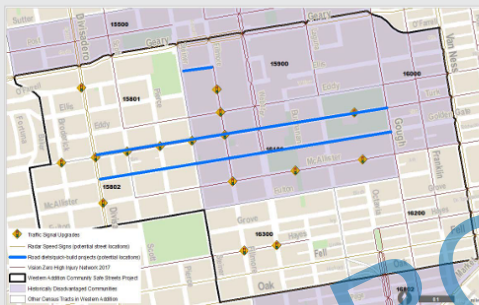
**Applicant:** City and County of San Francisco  
*San Francisco, California*

**SS4A Award:** \$17,613,284

#### Project Description

This project will implement [Proven Safety Countermeasures](#) in the Western Addition, a residential neighborhood at the center of San Francisco that is home to many low-income housing residents and a diverse community.

Employing a [Safe System Approach](#) to create Safer Roads, Safer People, and Safer Speeds, this project will implement traffic signal upgrades; pedestrian signal and crossing improvements; speed management strategies; quick-build strategies such as changes to parking, loading, and transit stops; and other safety improvements at approximately 16 intersections—15 of which are on the Vision Zero High-Injury Network. These safety enhancements will improve pedestrian connectivity and accessibility and reduce collisions and vehicle speeds in the Western Addition.



### Urban

#### Seattle Safe Streets

**Applicant:** City of Seattle  
*Seattle, Washington*

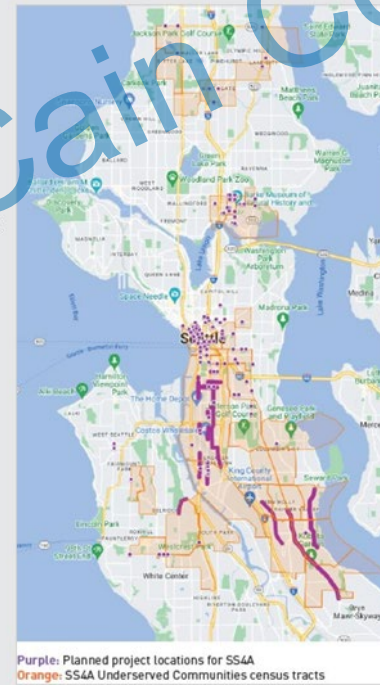
**SS4A Award:** \$25,654,000

#### Project Description

The City of Seattle will implement a vast array of safety treatments to address pedestrian collisions at intersections, including unsignalized intersections, and bicycle crashes.

The project will apply low-cost, high impact strategies on arterial streets in the southeast SODO neighborhood of Seattle, focused on the highest number of serious injury and fatal collisions.

The project will implement approximately 60 signalized intersection treatments, 6 unsignalized intersection treatments, 4 miles of protected bike lanes, 1.5 miles of new sidewalks, and 4.5 miles of arterial traffic calming treatments.



### Urban

#### City of Springfield Citywide Safety Improvements for Intersections and Corridors throughout the City

**Applicant:** City of Springfield  
*Springfield, Massachusetts*

**SS4A Award:** \$15,012,800

#### Project Description

This project will implement systemic safety countermeasures at approximately 15 intersections and 10 corridors in the City of Springfield that have a disproportionately high number of fatal and serious injury crashes.

These systemic interventions include intersection and signal improvements, pedestrian and cyclist enhancements—such as crosswalk improvements, sidewalk upgrades, lighting, and ADA improvements—roadway conspicuity treatments, and intersection/corridor speed management treatments.

The project implements safety improvements for multiple transportation modes, aligning with USDOT's [Complete Streets](#) strategy, and employs three elements of the [National Roadway Safety Strategy](#) to reduce serious injury and fatal crashes.





# IIJA CONTINUATION OF EXISTING PROGRAMS

## Highway Safety Improvement Program (HSIP)

\$15.5 Billion Total

	FAST Act (extension)	Bipartisan Infrastructure Law (BIL)				
Fiscal year (FY)	2021	2022	2023	2024	2025	2026
Contract authority	\$2.407 B	\$2.980 B*	\$3.044 B*	\$3.110 B*	\$3.177 B*	\$3.246 B*

\*Calculated (sum of estimated individual State HSIP apportionments)

↑ 34% Increase

Compared to \$11.5 B  
under FAST ACT

## Congestion Mitigation and Air Quality Improvement (CMAQ)

\$13.2 Billion Total

	FAST Act (extension)	Bipartisan Infrastructure Law (BIL)				
Fiscal year (FY)	2021	2022	2023	2024	2025	2026
Contract authority	\$2.494 B	\$2.536 B*	\$2.587 B*	\$2.639 B*	\$2.692 B*	\$2.746 B*

\*Calculated (sum of estimated individual State CMAQ apportionments)

↑ 10% Increase

Compared to \$12 B  
under FAST ACT



# IIJA TRANSPORTATION GRANTS

## Competitive & Formula Grants Available





# Let's Chase the Money!





# WHAT TO DO TO PURSUE GRANTS?



## Track

### Awarded Projects

- Look at the Award Fact Sheets
- Not all agencies spend the money right away
- Grant money needs to be spent or it will need to be given back
- Some projects funded may not have all the players needed to execute



## Talk

### to the Right People

- Be ready to spearhead the conversation
- Start talking to the Agencies to pin point their needs and ideas
- Talk to your teaming partners



## Develop

### a Project Pipeline

- Start planning early!
- Consider projects previously deemed impossible to execute due to lack of funds
- Get ideas from previously awarded projects!



## Identify

### the Appropriate Funding Stream to Target

- Use the guidebook to infrastructure funding
- Do some research and find the anticipated NOFO release date and past application requirements