



# How to Leverage Technology in the *Safe Streets and Roads for All* Grant Program

The Safe Streets and Roads for All (SS4A) program funds regional, local, and Tribal initiatives through discretionary grants to prevent roadway deaths and serious injuries. Eligible entities include counties, cities, towns, transit agencies, and other special districts that are political subdivisions of a State; metropolitan planning organizations; federally recognized Tribal governments.

The Bipartisan Infrastructure Law provides \$5 billion over 2022 to 2026 to this discretionary grant program. The program is designed to encourage communities to develop and carry out Vision Zero Action Plans, or comprehensive safety plans, aimed at reducing road fatalities and injuries. Grant funding can be used to develop these safety plans, to develop strategies to implement the safety plans, and to implement those strategies.

**Your community can and should use SS4A grants to fund technology programs and improve existing digital infrastructures in your transportation network.** Technologies such as wrong-way driving alerts, variable speed limits, signal preemption, and vehicle-to-everything (V2X) can save lives and make roads in your area safer for all road users. ITS technology can prevent fatal crashes and serious injuries, making it a critical part of the SS4A program. Technology is a key component in helping communities reach their Vision Zero goals.

## 2024 Notice of Funding Opportunity

The FY2024 SS4A grants will provide just under **\$1.3 billion** in awards. \$580 million is available to implement projects and strategies, and over \$650 million is for planning and demonstration grants. USDOT anticipates hundreds of planning and demonstration awards, and up to 50 implementation grants. New this year, potential implementation applicants may submit Action Plan(s) for pre-application review to affirm eligibilities.

# Deploying Technology with SS4A

Transportation technology is critical to the safety of all road users, and the SS4A grant program encourages applications that incorporate advanced transportation technologies. Consider including these technologies in your deployments and plans:

- **V2X** can save lives by enabling communications among vehicles and surrounding infrastructure
- **Adaptive traffic signals** reduce congestion and distribute green light time equitably for traffic
- **Variable speed limits** can make roads safer by lowering congestion during busier times
- **Signal preemption** at intersections can improve emergency response times for EMS vehicles
- **Safety alerts for wrong way driving** prevents drivers from serious collisions on roadways
- **Complete Streets** with technology can improve visibility, control speeds, and increase safety
- **Data collection** will further inform the development of new or existing safety strategies

Technologies must be commercially available, not yet adopted in the community, and at a prototype or advanced technological readiness level to be eligible for SS4A funding.

## Grant Types



**Planning & Demonstration:** These grants support the development of safety action plans that identify the most significant roadway safety concerns in a community and the implementation of projects to address such issues. Action Plans are the foundation of the SS4A program, and they are required before applying for implementation grants.

Applicants can use Planning and Demonstration grants to develop or complete an Action Plan, conduct supplemental planning, and/or conduct demonstration activities that will inform the development of an Action Plan.



**Implementation:** These grants fund projects and strategies identified in an Action Plan that address roadway safety problems. Implementation grants may also fund supplemental planning and demonstration activities, as well as the planning, design, and building stages for projects and strategies in an Action Plan.

Applicants must have an eligible Action Plan to apply for an Implementation Grant. All applications must address safety problems by implementing the projects and strategies in the Action Plan within 5 years of executing a grant agreement.

## How to Apply

If you're interested in applying for a SS4A grant, please visit the USDOT website to access a variety of application checklists, budget templates, and FAQs: <https://www.transportation.gov/grants/SS4A>.

The deadline for this round of 2024 applications are as follows:

**April 4:** Planning & Demonstration Deadline #1

**May 16:** Planning & Demonstration Deadline #2; sole Implementation Deadline

**August 29:** Planning & Demonstration Deadline #3