

Safety Research and Demonstration (SRD) Program Webinar

March 4, 2020



U.S. Department of Transportation
Federal Transit Administration

What is the SRD Program?

A competitive demonstration program to allow transit agencies to pursue innovative safety practices & technologies.

- Provides technical and financial support.
- Showcase innovations to eliminate or mitigate known safety hazards in public transportation.
- Conduct real-world demonstrations of technologies, practices and/or new designs.

Why is the SRD Program Important?

- Supports the Secretary's Strategic goals of Safety and Innovation

Thematic Areas for Funding

SRD program targets transit rail safety. There are two topics of particular interest to FTA:

- Prevention and mitigation of suicides & trespassing in rail transit systems
- Operational safety of shared corridor fixed guideway systems, including highway-rail grade crossing safety

SRD Program Objectives

- Explore advanced technologies, designs and/or practices to mitigate and prevent safety hazards on rail transit systems; and
- Evaluate cost-effectiveness and practicability of potential solutions.

SRD Notice of Funding Opportunity

- **\$7.3 Million** available (FY2018 & FY2019 Funding)
- Notice in Federal Register – February 13, 2020
- Application deadline **March 24 , 2020**
- Announcement of Projects Selection – summer 2020
- Plans for multiple awards

SRD Key Requirements

- No Minimum grant award
- No Maximum grant award
- Projects require 20-percent cost match
- Require partnership with, at minimum, one rail transit agency under the jurisdiction of FTA's State Safety Oversight (SSO) program.

SRD Key Requirements (cont.)

- Buy America requirements are applicable
- Independent Evaluation & data sharing
- US DOT data access policies
<https://ntl.bts.gov/public-access/how-comply>
- FTA research program circular 6100.1E
<https://www.transit.dot.gov/regulations-and-guidance/fta-circulars/research-technical-assistance-and-training-program>

SRD Eligible Applicants

- Eligible “lead applicants” must be an existing FTA grant recipients (organizations with FTA Recipient ID).
- Only “lead applicants” can submit the applications via grants.gov
- FTA may determine that any named team member in the proposal is a key party and make any award conditional upon the participation of that key party.

SRD Proposals

- Applicants are allowed to submit multiple applications, but each application should only contain one proposal/project.
- Proposals should be focused on rail transit safety and/or the two area of interests (trespassing/suicide & share corridor safety).
- Project proposals must include a research/synthesis phase, development phase and a demonstration phase.
- Revenue-service demonstrations are preferred where practicable.

Next Steps

For additional information, please visit:

<https://www.transit.dot.gov/research-innovation/safety-research-and-demonstration-program>

or

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