

# SAFE STREETS FOR ALL GRANT PROPOSAL

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## Connected Vehicle Demonstration Project in the District of Columbia

Tom Harrington  
TPB Multimodal Planning Program Director

TPB Steering Committee  
May 1, 2026

# FY26 Safe Streets for All (SS4A) NOFO

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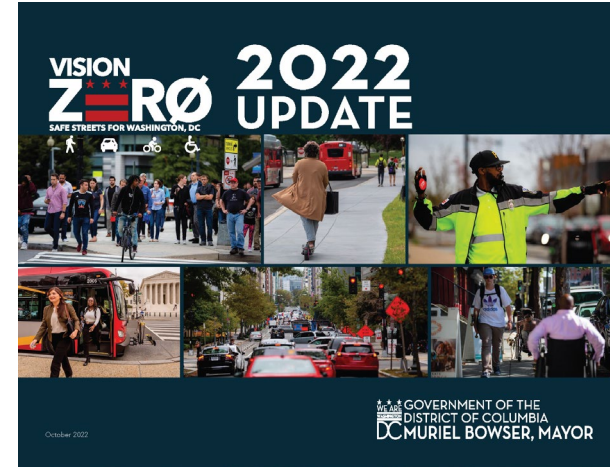
- **Grant Overview:** Competitive grant awards to support planning, infrastructure, behavioral, and operational initiatives to prevent death and serious injury on roads and streets, involving all roadway users
- **Project Types:**
  - Planning & Demonstration (<\$5M)
    - Develop or enhance a safety action plan
    - Planning and design of projects
    - **Demonstration activities – new technology pilot**
  - Implementation (<\$25M)
- **Eligible Applicants:** MPOs and local governments; state DOTs not eligible
- **Application Due:** May 26, 2026



# Demonstration Project

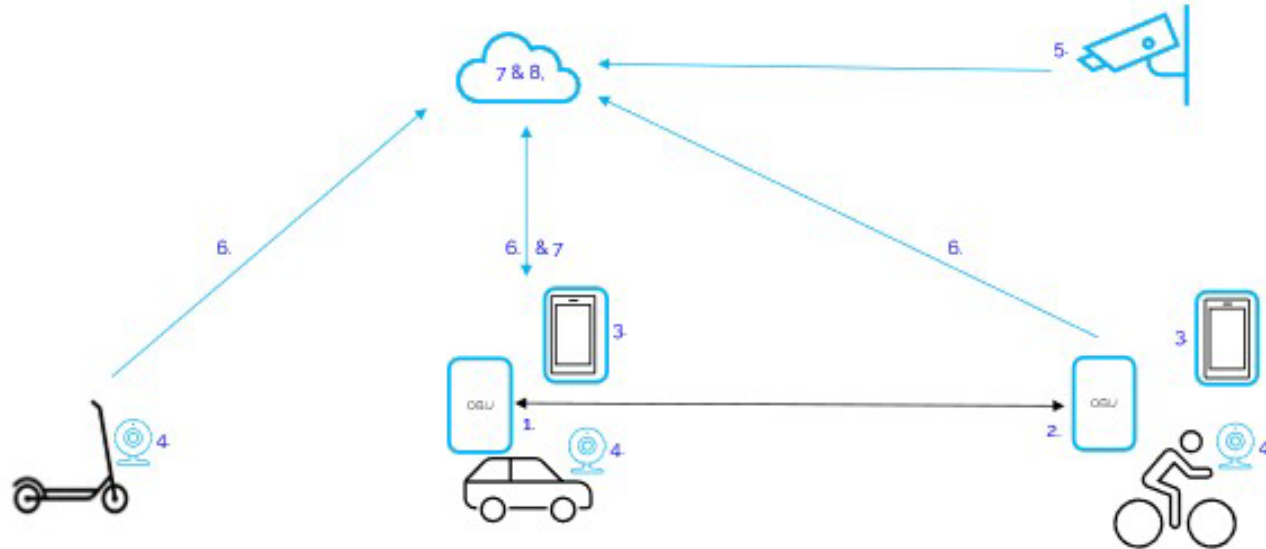
In association with DDOT and private industry partners, TPB will develop and submit a grant application for a SS4A Planning and Demonstration project:

- Conduct a demonstration of Vehicle-to-everything (V2X) connected vehicle technology to protect vulnerable riders/cyclists
- Proposed technology pilot project would design, deploy, and evaluate the use of V2X to alert drivers about the general presence of bicyclists in the vicinity of the vehicle and provide critical safety information to drivers to prevent collisions



# Demonstration Project

Schematic System Overview



V2X technology enables vehicles to communicate wirelessly with other vehicles (V2V), infrastructure (V2I), pedestrians or other vulnerable road users (V2P), and networks (V2N) to improve road safety, traffic flow, and efficiency.



# SS4A Grant – Demonstration Project Roles

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- **COG/TPB:** TPB will be the applicant; COG, as the fiscal and administrative agent for TPB, will administer the grant, contract with the vendor(s), and fulfill grant management and reporting requirements.
- **DDOT:** Serve as technical project manager and advisor to ensure the successful delivery of the project; identify corridor locations for the pilot demonstration based on traffic and safety data, and provide services and permits needed to conduct the demonstration project.
- **Private sector partner:** Deliver the project - planning and design of the concept, deployment of a pilot demonstration, and testing and evaluation of effectiveness.
  - Industry partners will provide 20 percent local match



# Steering Committee Action

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- The TPB Steering Committee is being asked to approve TPB Resolution SR31-2026 to approve submission of a grant application for a connected vehicle demonstration project in the District of Columbia to protect vulnerable riders under the federal SS4A program by the due date of May 26, 2026.
- *Subject to staff being able to reach acceptable arrangements on the role, responsibility, and resources for TPB staff to administer the project and fulfill its obligations as a federal grant recipient.*



# Thank you!

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National Capital Region  
**Transportation Planning Board**