



U.S. Department of Transportation  
Office of Public Affairs  
1200 New Jersey Avenue, SE  
Washington, DC 20590  
[www.transportation.gov/briefingroom](http://www.transportation.gov/briefingroom)

---

## First Responder Safety Technology Pilot Program

- The National Highway Traffic Safety Administration (NHTSA) and Federal Highway Administration (FHWA), in collaboration with the OST Office of Transportation for Policy (OST-P) propose to establish a \$38 million multi-modal **First Responder Safety Technology Pilot Program**.
- First responders face serious risks to their safety. Each year, there are an estimated 46,000 crashes, 17,000 estimated people injured, and nearly 150 fatalities involving emergency response vehicles (ERV), which includes law enforcement, fire, and emergency medical services vehicles.
- These traffic crashes, which often occur at signalized intersections, prevent immediate emergency response services.
- The deployment of vehicle-to-everything (V2X) technologies enables communication between intersection signals and ERVs, and has the potential to address this critical safety issue.
- The adoption of V2X has become a challenge since the technology can only generate a meaningful impact if a network of vehicles and infrastructure are equipped to facilitate useful communication.
- Grants will allow awardees to equip emergency response vehicles and related infrastructure (such as traffic signals), and public transit with vehicle-to-everything (V2X) technologies, to enhance the safety of emergency response vehicles and the traveling public—helping first responders to provide immediate response.
- Targeted federal investment will help to demonstrate the benefits of V2X technology for ERVs throughout the country and generate tangible transportation safety benefits from using the 5.9 GHz Safety Band.
- The proposed pilot program will substantially benefit state and local governments.