Next Steps

» Obtain input on U.S. DOT actions to improve pedestrian safety
  • Information gained at the previous webinars
    ▪ Polling Questions
  • Input from comments on web site

» Complete development of U.S. DOT Pedestrian Safety Action Plan
Webinar Input

What will lead to biggest gains in pedestrian safety?

- Street design and engineering: 46%
- Speed management: 12%
- Enforcement, laws, and regulations: 12%
- Improved mobility options: 8%
- Land use planning: 7%
- Vehicle design and technology: 6%
- Data and evaluation: 5%
- Education and capacity building: 4%
Webinar Input

» Noteworthy practices

• Road diets, Traffic calming, Complete Streets

• Infrastructure improvements
  ▪ HAWKS
  ▪ Raised medians
  ▪ Overcrossings

• Education and enforcement
Noteworthy Practice – One example of a resource

» Highlighting Virginia’s Road Diets

» [URL](http://vdot.maps.arcgis.com/apps/MapTour/index.html?appid=c730982f5249411693e8ce0a23cdb9a9)
Webinar Input

- Challenges\opportunities to making progress on pedestrian safety

- Improved mobility options: 7%
- Enforcement, laws and regulations: 4%
- Vehicle design and technology: 1%
- Street design and technology: 45%
- Land use planning: 0%
- Speed management: 7%
- Education and capacity building: 17%
- Data and evaluation: 4%
- Other: 38%
Current and Planned Actions

» These actions will serve as significant input into the U.S. DOT Pedestrian Safety Action Plan.

» Organized by key activities that support the safe system approach
  • Improved mobility
  • Enforcement, laws and regulations
  • Vehicle design and technology
  • Street design and technology
  • Land use planning
  • Speed management
  • Education and capacity building
  • Data and evaluation
Current Actions

» Engineering/Design

• STEP Toolbox
• Safe Transportation for Every Pedestrian (EDC4/5)
• Lighting design and implementation policy
• Pedestrian and Bicycle Scalable Risk Assessment Methodology (ScRAM)
• Pedestrian and Bike Crash Analysis Tool (PBCAT)
• Community-based bicyclist and pedestrian behavioral safety assessment
• Pedestrian and Bicycle Road Safety Audit Guide
• Global benchmarking study
• Speed management noteworthy practices
Current Actions

» Data
• State and MPO non-motorized safety targets
• Estimate pedestrian and bicyclist crash rates
• Pedestrian Count Model

» Technology
• Pedestrian Automatic Emergency Braking
• Vehicle-to-Pedestrian (V2P) Communications
• Minimum sound requirements for electric and hybrid vehicles
• Effect of electronic device use on pedestrian safety

» Campaigns/Marketing
• STEP campaign & videos
• Pedestrian and Bicyclist Bystander Care Initiative
• Pedestrian Safety Month – October 2020
Current Actions

» Training/Education

• Systemic safety analysis training to include pedestrian module
• STEP Science and Technology and Math Lessons
• New Child Pedestrian Curriculum

» Enforcement

• Idea Book for law enforcement
• Automated speed enforcement
Future Actions

» Update Resources
  • Countermeasures That Work
  • Pedestrian Safety Guide
  • Pedestrian Safety Guide for transit agencies

» Statewide Pedestrian and Bicycle Safety Program Assessment

» Vehicles
  • Vehicle-to-everything (V2X)
  • New Car Assessment Program – new technologies contribute to pedestrian safety
  • Crash avoidance countermeasures
  • Adaptive Driving Beam Headlamps (ADB)
Future Actions

» Engineering/Design
  • Continuous friction measurement (CFM)
  • Design issues at alternative intersections
  • School crossing warning sign

» Data Improvements
  • CIREN (Crash Injury Research) trauma center-based crash data
  • Pedestrian-intersection Crash Modification Factors
  • Data analytics and visualization dashboard

» Campaigns/Marketing
  • Newsletters on Pedestrian and Bicycle Forum, multimodal connectivity, human environment
  • Our Roads, Our Safety campaign
What gaps do you see with the current and planned U.S. DOT actions?

» Please respond in the Q&A box.
» Label it as Q1.
What are some new opportunities and partnerships U.S. DOT should consider?

» Please respond in the Q&A box.
» Label it as Q2.
Next Steps

U.S. DOT Pedestrian Safety Summit Web Site

https://highways.dot.gov/pedestrian-safety-summit