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U.S. DOT Pedestrian Safety Actions

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Next Steps

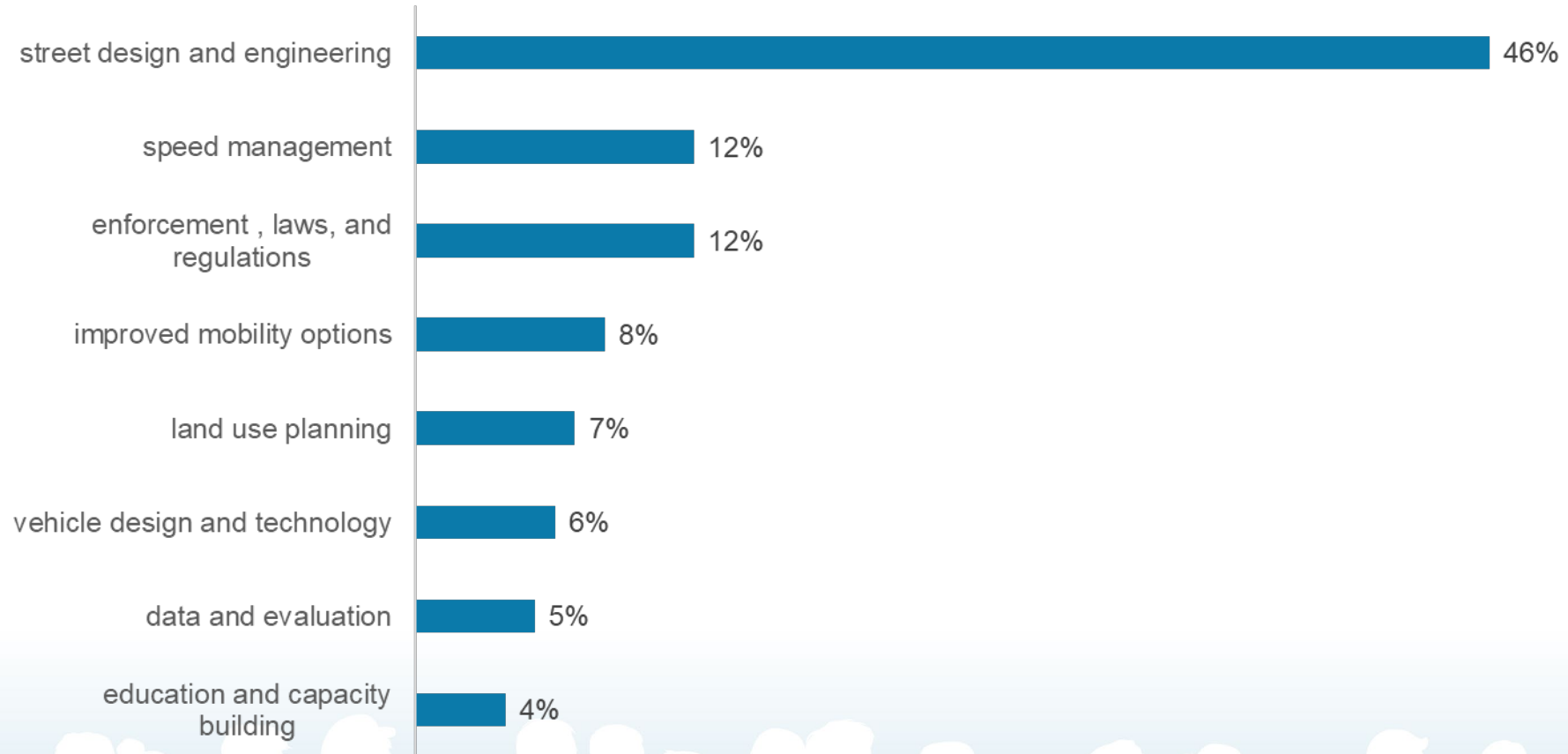
- » Obtain input on U.S. DOT actions to improve pedestrian safety
 - Information gained at the previous webinars
 - Polling Questions
 - Input from comments on web site
 - <https://highways.dot.gov/pedestrian-safety-summit>

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

**PROVIDE COMMENTS
ON FEDERAL ACTIONS**

Webinar Input

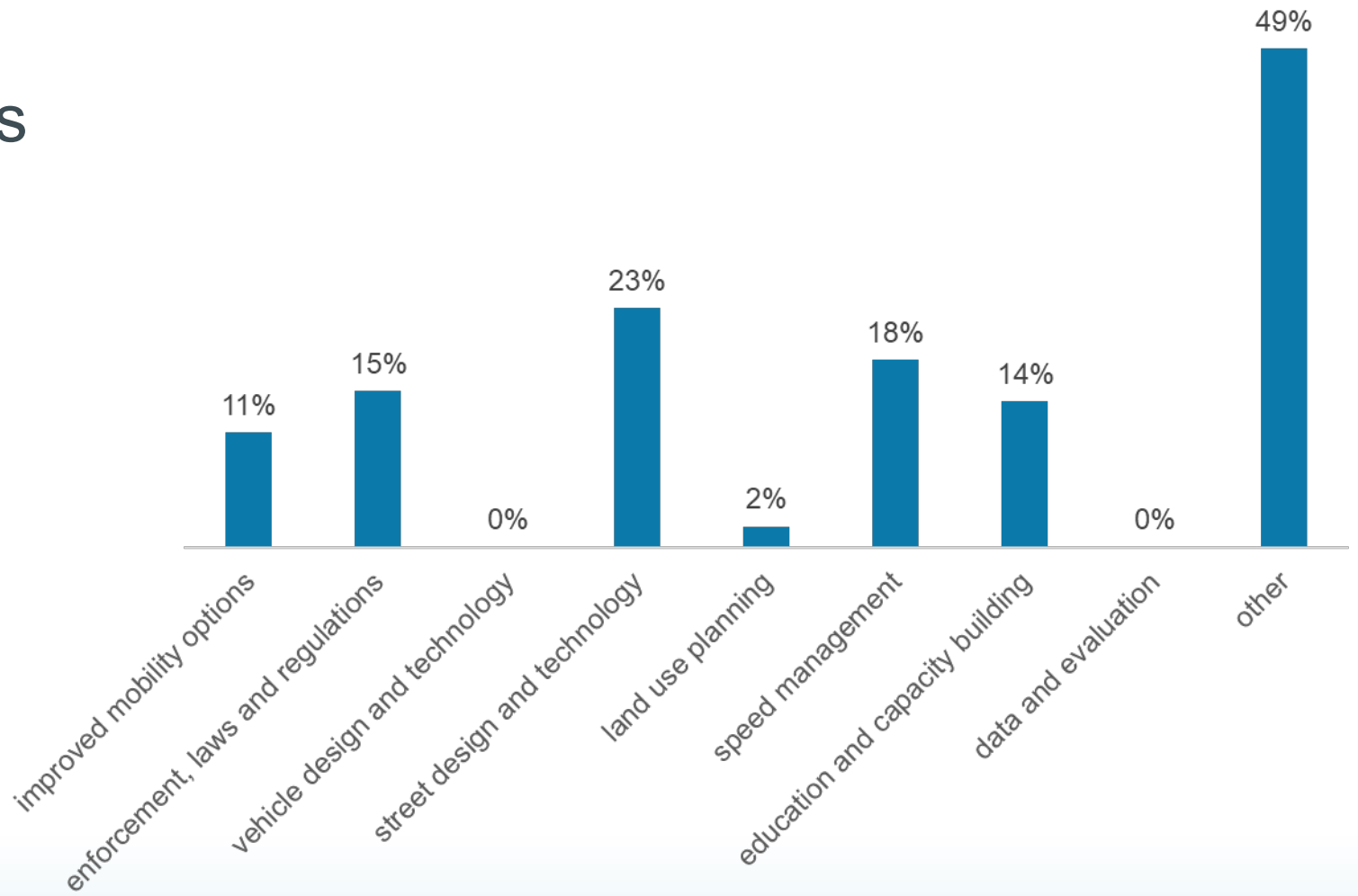
» What will lead to biggest gains in pedestrian safety?



Webinar Input

» Noteworthy practices

- Road diets, Traffic calming, Complete Streets
- Infrastructure improvements
 - HAWKS
 - Raised medians
 - Overcrossings
- Education and enforcement

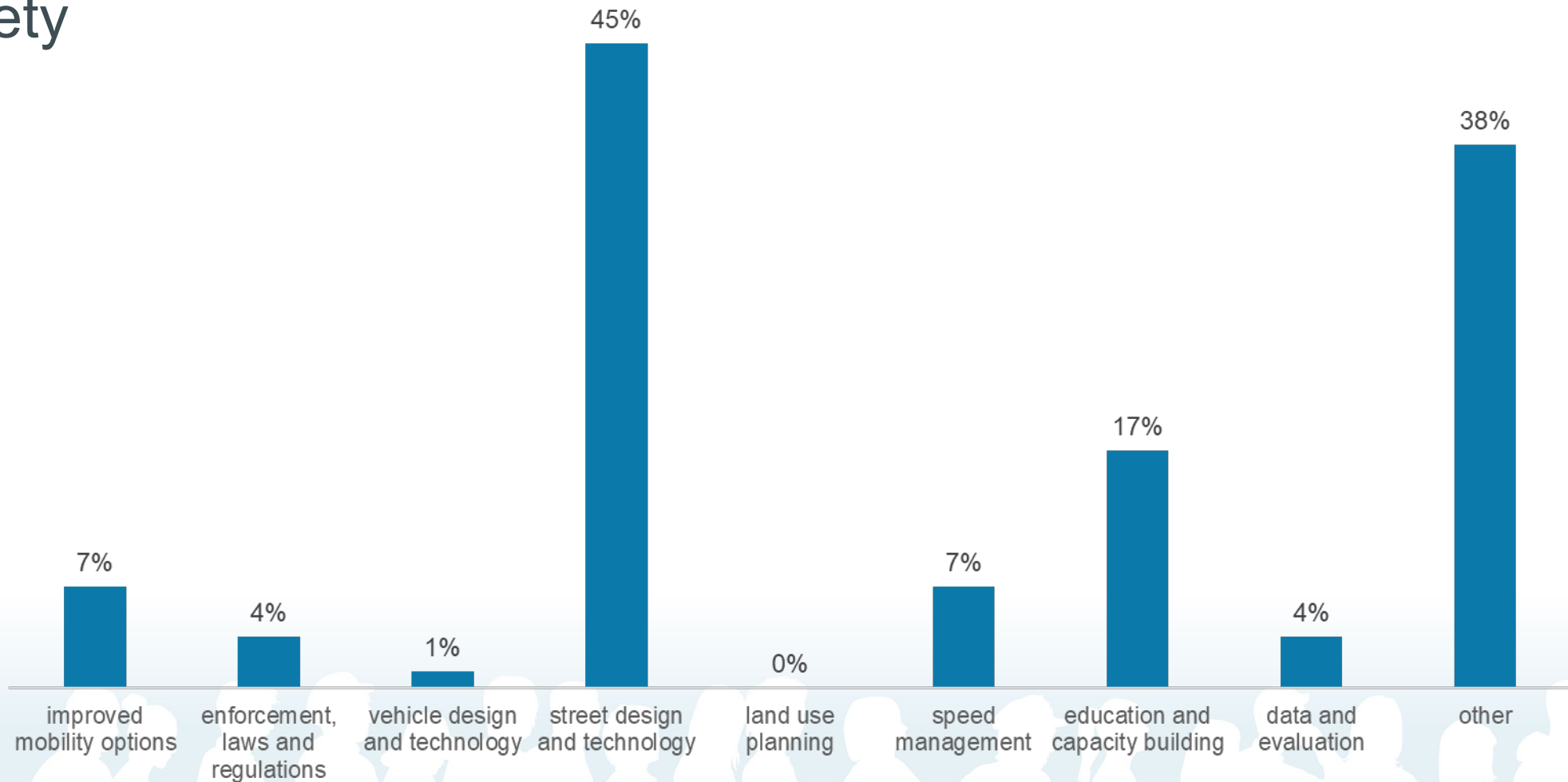


Noteworthy Practice – One example of a resource

- » Highlighting Virginia's Road Diets
- » <http://vdot.maps.arcgis.com/apps/MapTour/index.html?appid=c730982f5249411693e8ce0a23cdb9a9>

Webinar Input

» Challenges\opportunities to making progress on pedestrian safety



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>