NATIONAL Transportation Safety Board MOST WANTED LIST VIRTUAL ROUNDTABLE

Advancing **Pedestrian Safety** Through a Safe System Approach

WEDNESDAY, OCTOBER 5, 2022

Resources Shared by Panelists

Rebecca Crowe, Transportation Specialist Federal Highway Administration

- Safe Street for All (SS4A) Discretionary Grant Program: <u>https://www.transportation.gov/grants/SS4A</u>
- Improving Safety for Pedestrians and Bicyclists Accessing Transit: <u>https://safety.fhwa.dot.gov/ped_bike/ped_transit/</u> <u>fhwasa21130_PedBike_Access_to_transit.pdf</u>
- Road Safety Audits: <u>https://highways.dot.gov/safety/data-analysis-tools/systemic/road-safety-audits-rsa</u>

Alexander K. Epstein, PhD, U.S. DOT Volpe National Transportation Systems Center

- Journal article based on <u>Volpe study linking trucks' level of</u> <u>direct vision to pedestrian crashes at signalized intersections</u>.
- <u>VIEW blind zone calculator</u>, to compare the blind zone sizes and levels of VRU visibility from different vehicles.
- Improving Bicyclist and Pedestrian Safety Using Truck Side Guards: <u>https://www.pedbikeinfo.org/pdf/Webinar_LC_061217.pd</u>f

Kay Fitzpatrick, Senior Research Engineer Texas A&M Transportation Institute

- FHWA has a website that provides several valuable reference documents regarding pedestrian safety including the *Guide for Improving Pedestrian Safety at Uncontrolled Crossing Locations*. The website also contains Tech Sheets on several proven countermeasures such as the Pedestrian Hybrid Beacon and pedestrian refuge islands: <u>https://highways.dot.gov/safety/</u> <u>pedestrian-bicyclist/step/resources</u>
- FHWA maintains the Crash Modification Factors Clearinghouse of available CMFs. The quality of a CMF is provided to the user using a 5-star rating: <u>https://www.cmfclearinghouse.org/</u>
- AASHTO Highway Safety Manual: <u>https://www.highwaysafetymanual.org/Pages/default.aspx</u>
- AASHTO Publications: https://store.transportation.org/item/collectiondetail/224
 - Guide for the Planning, Design, and Operation of Pedestrian Facilities, 2021
 - *Guide for the Development of Bicycle Facilities*, edition available is 2012; however, currently being revised
 - A Policy on Geometric Design of Highways and Streets (commonly known as the "Green Book"), edition available is 2018; however, currently being revised

Nanda Srinivasan, Associate Administrator for Research and Program Development

National Highway Traffic Safety Administration

- <u>NHTSA National Pedestrian Safety Month 2022</u>
- <u>NHTSA Speeding Wrecks Lives National Campaign 2022</u>
- <u>NHTSA Pedestrian Program Assessment</u>
- USDOT Grants Programs
- Safety in Numbers: A Literature Review
 Report: https://rosap.ntl.bts.gov/view/dot/62563
 Traffic Tech: https://rosap.ntl.bts.gov/view/dot/62562
- Safety in Numbers: Program Evaluation Report: <u>https://rosap.ntl.bts.gov/view/dot/63314</u> Traffic Tech: <u>https://rosap.ntl.bts.gov/view/dot/63313</u>
- Understanding and Using New Pedestrian and Bicycle Facilities Report: <u>https://rosap.ntl.bts.gov/view/dot/62655</u> Traffic Tech: <u>https://rosap.ntl.bts.gov/view/dot/62656</u>

Jaime Sullivan, P.E., Director National Center for Rural Road Safety

- Small Town and Rural Multimodal Networks Guide: <u>https://www.fhwa.dot.gov/environment/bicycle_pedestrian/</u> <u>publications/small_towns/</u>
- Road Safety Champion Program: <u>https://ruralsafetycenter.org/road-safety-champion-program/</u>
- Complete Streets for Rural Areas Webinar: https://www.youtube.com/watch?v=WBHrdFeyZKo&t=83s
- #RoundaboutsWeek: "Ask a Rural Expert" Panel Session: https://www.youtube.com/watch?v=26xE80Pd4dQ&t=34s

David Zuby, Executive Vice President and Chief Research Officer Insurance Institute for Highway Safety

- Vehicle design:
 - <u>New study suggests today's SUVs are more lethal to</u> pedestrians than cars
 - o SUVs, other large vehicles often hit pedestrians while turning
- Vehicle technology:
 - Pedestrian crash avoidance systems cut crashes but not in the dark
 - Few vehicles excel in new nighttime test of pedestrian autobrake
 - Good IIHS headlight ratings linked to lower crash rates
- Roadway design:
 - Simple infrastructure changes make left turns safer for pedestrians
 - Land use plays a role in pedestrian freeway fatalities



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