

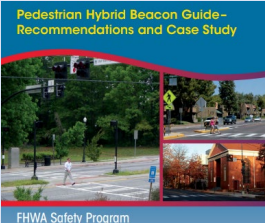





FHWA Sponsored Safety Webinars

The following pre-recorded webinars are focused on improving safety for vulnerable road users and aging drivers on all roadways. The webinars support the Safe System Approach, Complete Streets, and FHWA and MDOT’s joint focus on creating safe roadways for all road users to eliminating fatalities and serious injuries.

Each webinar is approximately 1.5 hours in length and can be viewed at your leisure. Additional information on each subject is linked through the graphics in the left column. Please share with your transportation and safety partners. For training and additional resources on these, and other safety subjects, please contact [Brandy Solak, FHWA Safety and Operations Engineer](#) or [Mark Bott, MDOT Engineer of Traffic and Safety](#).

<p>Rectangular Rapid Flashing Beacons</p> 	<p>In March 2018, the Federal Highway Administration (FHWA) issued a new Interim Approval (IA-21) for the use of rectangular rapid flashing beacons (RRFBs). This webinar walked participants through the specifics of IA-21, focusing on the terms and conditions for installing new RRFBs. This was followed by a short overview of when and where to install RRFBs. https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=9</p>
<p>Improving Crossings with Pedestrian Hybrid Beacons</p> 	<p>The pedestrian hybrid beacon (PHB) is one of several countermeasures available to improve safety for pedestrians or bicyclists crossing busy and/or wide streets at uncontrolled crossing locations. This webinar presented detailed information about the PHB and showcased examples of two cities (Austin, Texas, and Columbus, Ohio) are implementing the PHB to improve pedestrian safety. https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=17</p>
<p>Considerations for Selecting Pedestrian Hybrid Beacon Locations</p> 	<p>While agencies have been using this countermeasure for over a decade, transportation professionals still have questions about when and where they should install PHBs. Webinar panelists will share new research that evaluated safety and driver yielding at PHB locations on higher speed roads (among other findings) and discuss how this research and other factors have influenced their guidelines for installing PHBs. https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=96</p>

Disclaimer: The information presented in the above webinars represent strategies and best practices from across the country. All improvements must be approved by the roadway agency owner.

<p>Improving Intersection Safety for All Road Users</p> 	<p>The Federal Highway Administration (FHWA) Focused Approach to Safety provides resources to address the Nation’s most critical safety challenges by targeting areas with the greatest potential to reduce roadway fatalities. In this webinar, the “Intersections” and “Pedestrian/Bicycle” Focus Areas will collaborate to explore some safety considerations of nonmotorized users at intersections. Webinar topics include intuitive intersection design in Pittsburgh, multimodal intersection applications in New York City, and an update on NCHRP 7-25: Guide for Pedestrian and Bicycle Safety at Alternative Intersections and Interchanges. https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=90</p>
<p>Pedestrian Safety on Arterial Streets</p> 	<p>Communities across the country face challenges in improving safety for pedestrians on arterial streets, which account for the majority of pedestrian deaths in the US each year. At the same time, there are numerous policy and design solutions available to improve safety and comfort on arterials for vulnerable road users. Panelists shared the latest research on the safety, equity, and health challenges presented by arterials and what can be done to rebalance these streets for all road users. https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=110</p>
<p>Enhancing Mobility, Access, and Safety for Pedestrians: 2 Part Series</p> 	<p>Communities across the country are working to integrate the needs of pedestrians into transportation decision making. As agencies shift toward adopting roadway design practices and safety countermeasures that enhance the pedestrian experience, attention should also be given to the mobility and accessibility needs of pedestrians of all ages and abilities. In particular, pedestrians who are blind or have low vision have different needs to be considered when deploying safety countermeasures. In this webinar series, we will showcase strategies that can be used to enhance accessibility at crossing locations and along separated bicycle lanes at sidewalk level. Our panelists will share their research and the unique perspective of pedestrians who are not always considered when making transportation decisions.</p> <p>Part 1: Will provide attendees with information about how persons who are blind or have low vision travel, and how built environment and other changes have influenced their safety and mobility over the years. We will focus on methods to improve accessibility at signalized intersections, in particular Accessible Pedestrian Signals (APS). https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=93</p> <p>Part 2: Will explore wayfinding for blind and low vision pedestrians, showcasing various strategies for aiding the process of navigating along streets and at crossing locations. We will profile recent research on tactile surface indicators and other forms of in-pavement wayfinding treatments that can be used in locations where bicyclists and pedestrians travel in close proximity. https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=94</p>

Disclaimer: The information presented in the above webinars represent strategies and best practices from across the country. All improvements must be approved by the roadway agency owner.

Creating Age-Friendly Streets – 2 Part Series

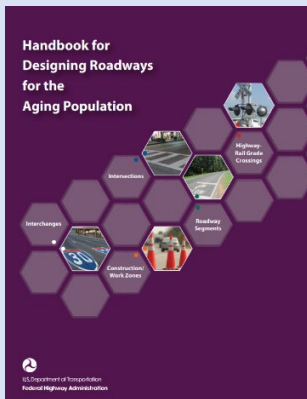


It's widely known that the US population is aging. But how do we prepare our local transportation networks to support the mobility needs of older adults and keep them safe? This webinar series will offer key principles for considering the safety and mobility needs for older adults.

Part 1: Panelists from the Centers from Disease Control and Prevention, AARP, and the University of North Carolina's Department of Emergency Medicine will share their perspectives on the importance of planning and designing for older adults. https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=87

Part 2: Offers strategies for improving transportation networks to prioritize the safety and mobility of older adults. Panelists from AARP will share recommendations for planning and developing transit networks and prioritizing transit-oriented development. Representatives from the San Francisco Municipal Transportation Agency will share examples of design and engineering strategies for improving safety and comfort for older pedestrians. https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=88

Designing for Aging Road Users






This session focused on how streets and highways can be designed to better meet the needs of aging road users. Becky Crowe (FHWA) discussed programs and projects underway at FHWA to advance the safety of Aging Road Users. This included discussion of the Older Driver and Pedestrian Special Rule, Handbook for Designing Roadways for the Aging Population, Older Driver and Pedestrian Design Workshop, the North American Conference on Elderly Mobility Noteworthy Practices Guide, and Road Diets.

Gene Amparano (FHWA) provided attendees with an in-depth look at the updated Handbook for Designing Roadways for the Aging Population. His presentation focused on the various sections of the guide and how the material can be used to improve safety for all road users.


Jesse Mintz-Roth (New York City DOT) focused on New York City's Safe Streets for Seniors program, a pedestrian safety initiative for older New Yorkers. The program studies crash data and develops and implements mitigation measures to improve the safety of seniors and other pedestrians, as well as all road users in New York City. This case study discussed projects built since the program began in 2008.

https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=41

Disclaimer: The information presented in the above webinars represent strategies and best practices from across the country. All improvements must be approved by the roadway agency owner.

<p>Improving Pedestrian and Bicyclist Safety in Work Zones</p> 	<p>Communities across the United States are working to improve mobility, safety and comfort for bicyclists and pedestrians. Unique problems are faced by nonmotorized road users in work zones, where temporary street and sidewalk closures can present significant challenges. During this webinar, participants will learn about the importance of maintaining mobility for pedestrians, bicyclists and other road users when streets are under construction. Panelists from the Federal Highway Administration (Keith Sinclair, Martha Kapitonov and Patrick Gomez) will share guidance and requirements for maintaining access through work zones. Melissa Anderson (Transportation Accessibility and Safety Consultant) will discuss unique challenges faced by those with visual, mobility, hearing or cognitive impairments when traveling through work zones. Finally, Matthew Marcou (District Department of Transportation) will share strategies being used in Washington, DC, to maintain access for pedestrians and bicyclists in work zones.</p> <p>https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=92</p>
<p>Improving Intersection Safety for All Road Users</p> 	<p>The Federal Highway Administration (FHWA) Focused Approach to Safety provides resources to address the Nation’s most critical safety challenges by targeting areas with the greatest potential to reduce roadway fatalities. In this webinar, the “Intersections” and “Pedestrian/Bicycle” Focus Areas will collaborate to explore some safety considerations of nonmotorized users at intersections. Webinar topics include intuitive intersection design in Pittsburgh, multimodal intersection applications in New York City, and an update on NCHRP 7-25: Guide for Pedestrian and Bicycle Safety at Alternative Intersections and Interchanges.</p> <p>https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=90</p>
<p>Improving Safety with Bicyclist and Pedestrian Road Safety Audits</p> 	<p>Pedestrian and bicyclist road safety audits (RSAs) are valuable tools that can be used by transportation agencies to formally evaluate roadway conditions and better understand factors influencing road user safety and comfort. Performing audits of field conditions can provide real-world perspectives and valuable contextual information to those charged with developing and implementing safety countermeasures for vulnerable road users. RSAs can be used in any phase of project development from planning and preliminary engineering, design and construction.</p> <p>During this webinar, panelists from VHB and the UNC Highway Safety Research Center will share new guidance from the Federal Highway Administration (FHWA), the Pedestrian and Bicyclist Road Safety Audit Guide and Prompt List, demonstrating how this new resource can be used to plan and conduct RSAs. Representatives from Caltrans and the City of Albuquerque will share their experiences using RSAs to investigate sites and develop safety improvements. https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=105</p>

Disclaimer: The information presented in the above webinars represent strategies and best practices from across the country. All improvements must be approved by the roadway agency owner.

<p>Designing for Bicyclist Safety Webinar Series: Designing for Bicyclist Safety – 3 Part Series</p> 	<p>This three-part webinar series was delivered to provide agencies with the tools needed to understand the principles of bicyclist safety and respond to safety problems with the appropriate countermeasures and designs.</p> <p>Part 1: Provided context for considering bicyclists in the transportation system. Panelists introduced common safety problems for bicyclists, explored trends in bicyclist safety, and identified a range of strategies for diagnosing safety problems. https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=33</p> <p>Part 2: Provided details about improving safety for bicyclists through roadway design strategies. In particular, panelists focused on how to select appropriate designs for bicycle facilities along the roadway, including shared lanes, bicycle lanes, separated bicycle lanes, and separated paths. https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=34</p> <p>Part 3: Explored design strategies to improve bicyclist safety at intersections. Various treatments, including signal timing strategies and protected intersections, were presented and discussed. https://www.pedbikeinfo.org/webinars/webinar_details.cfm?id=35</p>
<p>Additional Webinars</p>	<p>Subscribe to receive information on upcoming FHWA webinars at: https://safety.fhwa.dot.gov/esubscribe.cfm#ped</p> <p>Safe Roads and Streets for All Grants Webinar Recordings: Webinar Series: Safe Streets and Roads for All Grants US Department of Transportation</p>



Disclaimer: The information presented in the above webinars represent strategies and best practices from across the country. All improvements must be approved by the roadway agency owner.