

1150 Pedestrian and Bicycle Safety Guide and Countermeasure Selection System

1150.1 General

This Section is meant to provide the PDE with additional tools to assist in the selection of the various countermeasure tools available for use in meeting your project objectives regarding pedestrian and bicyclist safety within your project limits.

The following FHWA sponsored websites provide the latest information available for improving pedestrian and bicyclist safety, with the ability to select and gather information on a variety of different countermeasures based on either project specific information, project performance objectives, or crash types within your project limits.

- [PEDBIKESAFE](#), the FHWA Pedestrian and Bicycle Safety Guide and Countermeasure Selection Systems.

1150.2 Methods

The Pedestrian and Bicycle Safety Guide and Countermeasure Selection Systems website offers the tools for both pedestrian and bike safety. There are two methods to gather information on the various countermeasures applicable to your project: an interactive selection matrix, using either crash types or performance objectives to identify applicable countermeasures; or generate a list of potential countermeasures based on location specific information along your project corridor consistent with your data input.

1150.2.1 Interactive Selection

Go to <http://pedbikesafe.org/> for information on potential countermeasures for either pedestrians or bicyclists.

- Under “Countermeasures,” select “Matrices” to review the two Matrix Types for either pedestrians (PedSafe) and / or bicyclists (BikeSafe).
- Select either “Crash Type Matrix” or “Performance Objective Matrix” to view the relationship between the countermeasure groups and crash types/performance objectives.
- Select a highlighted cell to view the applicable countermeasures for each crash type or performance objective. Click on the various countermeasures listed for descriptions of each countermeasure, purpose, cost estimates, case studies, and other considerations.

1150.2.2 Location Specific

Go to <http://pedbikesafe.org/> for project location specific information on potential countermeasures for either pedestrians or bicyclists.

- Under “Countermeasures,” select “Selection Tool” to review the input (location, goal of the treatment, and site description), then select “Proceed to Step 1.”
- Enter Name of your project location, then select “Proceed to Step 2.”
- Select the goal of the treatment under either “Performance Objectives” or “Crash Types,” and select “Proceed to Step 3.” This selection is very project site specific, so different locations may need to be entered for each different safety objective.
- Describe the project site by answering the nine questions listed and then select “Get Results.”
- Based on your input, a list of countermeasures will be shown. Click on the various countermeasures listed for descriptions of each countermeasure, cost estimates, case studies, references,

and other considerations for each item. Other applicable countermeasures can also be viewed.

1150.3 References

The following references provide additional details concerning pedestrian and bike safety. This is a small sample of the literature available for research.

- [FHWA Pedestrian & Bicycle Safety](#)
- [US Dept of Transportation list of design resources](#)
- [National Highway Traffic Safety Administration – Bicycle Safety](#)
- [Arizona Department of Transportation Bicycle & Pedestrian Program](#)
- [Pedestrian and Bicycle Information Center](#)
- [FHWA's Accessible Shared Streets: Notable Practices and Considerations for Accommodating Pedestrians with Vision Disabilities](#)
- [PEDBIKESAFE](#), the FHWA Pedestrian and Bicycle Safety Guide and Countermeasure Selection Systems

1150.3.1 NMDOT-Specific References

The NMDOT has a Bike / Pedestrian / Equestrian (BPE) Program located within the Statewide Planning Bureau. The following link provides information and access to various brochures, guidelines, and maps for use throughout the state:

- <http://dot.state.nm.us/content/nmdot/en/Planning.html#BPE> – Bicycle, Pedestrian and Equestrian Safety Program within the NMDOT's Planning Bureau