

Designing for pedestrian safety (two-day workshop)

This course is intended to help state and local transportation professionals address pedestrian safety issues through design and engineering solutions. The course is best suited for engineers, planners, traffic safety and enforcement professionals, public health and injury prevention professionals, and decision-makers who are seeking ideas and solutions for making changes to the physical environment that improve safety for pedestrians.

Training objectives include:

- Participants will learn that pedestrians belong in all geometric design, operations, and safety considerations.
- Participants will learn the significance of land-use, street connectivity, and site design in helping to make a safer pedestrian environment.
- Participants will understand human behavior issues related to pedestrians and drivers interacting safely and common pedestrian crash types.
- Participants will understand the role that planning and street design play in pedestrian safety.
- Participants will learn effective solutions and best practices in design and operations for pedestrian safety. Specific design and operational issues covered include:
 - Sidewalk and walkway design
 - Intersection geometry
 - Signs, signals, and crosswalks
 - Interchange design and alternatives
 - Facilities at signalized intersections
 - Roundabouts
 - Connections to transit
 - Road diets and other traffic calming measures
- Participants will take part in a field exercise as a critical element to the course. The class is broken into smaller groups to walk and study a nearby intersection or corridor for possible pedestrian safety improvements. The groups brainstorm and share engineering and policy solutions.



The FHWA document *PEDSAFE: Pedestrian Safety Guide and Countermeasure Selection System* (available online at <http://www.walkinginfo.org/library/details.cfm?id=221>) is used as the primary reference for this course. Additionally, several major engineering-related reference materials and policies are cited.



**Pedestrian and Bicycle
Information Center**

For details about the course, instructors, success stories, and other materials, visit: <http://www.walkinginfo.org/training/pdps/>