

Center for Accelerating Innovation

EDC-4

Safe Transportation for Every Pedestrian (STEP)



Cost-effective countermeasures with known safety benefits can help reduce pedestrian fatalities at uncontrolled crossing locations and un-signalized intersections.

Pedestrians account for over 17.5 percent of all fatalities in motor vehicle traffic crashes, and the majority of these deaths occur at uncontrolled crossing locations such as mid-block or un-signalized intersections. These are among the most common locations for pedestrian fatalities generally because of inadequate pedestrian *crossing facilities* and insufficient or inconvenient *crossing opportunities*, all of which create barriers to safe, convenient, and complete pedestrian networks. Expecting pedestrians to travel significantly out of their way to cross a roadway to reach their destination is unrealistic and counterproductive to encouraging healthier transportation options. By focusing on uncontrolled locations, agencies can address a significant national safety problem and improve quality of life for pedestrians of all ages and abilities.

Pedestrian Safety Countermeasures

FHWA is promoting the following pedestrian safety countermeasures through the fourth round of Every Day Counts (EDC-4):

- Road Diets** can reduce vehicle speeds and the number of lanes pedestrians cross, and they can create space to add new pedestrian facilities.
- Pedestrian hybrid beacons** (PHBs) are a beneficial intermediate option between RRFBs and a full pedestrian signal. They provide positive stop control in areas without the high pedestrian traffic volumes that typically warrant signal installation.
- Pedestrian refuge islands** allow pedestrians a safe place to stop at the midpoint of the roadway before crossing the remaining distance. This is particularly helpful for older pedestrians or others with limited mobility.

- Raised crosswalks** can reduce vehicle speeds.
- Crosswalk visibility enhancements**, such as crosswalk lighting and enhanced signing and marking, help drivers detect pedestrians—particularly at night.

Benefits

- Improved Safety.** Countermeasures are available that offer proven solutions for reducing pedestrian fatalities at uncontrolled crossing locations.
- Targeted Investment.** By focusing on uncontrolled locations, agencies can address a significant national pedestrian safety problem.
- Enhanced Quality of Life.** Improving crossing opportunities boosts quality of life for pedestrians of all ages and abilities.

This EDC-4 effort and workshops will help more communities deploy these pedestrian safety improvements based on their specific roadway contexts and needs.

WORKSHOPS COMING IN NOVEMBER 2017

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TUESDAY, NOVEMBER 07, 2017

Northeast Technology Center
Claremore, Oklahoma

WEDNESDAY, NOVEMBER 08, 2017

Kiamichi Technology Center
McAlester, Oklahoma

THURSDAY, NOVEMBER 09, 2017

City of Edmond Safety Office
Edmond, Oklahoma

TUESDAY, NOVEMBER 14, 2017

Great Plains Technology Center
Lawton, Oklahoma

THURSDAY, NOVEMBER 16, 2017

Autry Technology Center
Enid, Oklahoma

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REGISTRATION WILL OPEN SOON!