

# Install Curb Extensions at the Crosswalk

*A sidewalk extension (also known as a bulb-out) into the intersection at a crosswalk. In addition to improving sight lines between pedestrians and other road users, this treatment also reduces the pedestrian crossing distance and shortens their exposure time with regard to traffic.*



Source: VHB

The curb extensions at this intersection promote improved sight lines between pedestrians and approaching drivers.

## Targeted Crash Types

- Pedestrian

## Problems Addressed

- Speeding
- Vehicle conflicts with non-motorists

## Conditions Addressed

- Crash history or observed conflicts between vehicles and pedestrians.
- High pedestrian traffic across the road.
- Poor visibility of oncoming traffic for pedestrians waiting to cross the road.
- Reduces pedestrian exposure when crossing the road.
- When provided along a stop-controlled approach, this treatment allows for improved placement of STOP (R1-1) signs that are more visible to motorists.

## Considerations

- Ensure design accommodates buses and other larger vehicles turning at the intersection.
- Curb ramps should be designed to comply with requirements related to the Americans with Disabilities Act (ADA).
- Typically applied where on-street parking is permitted.
- Design must include proper drainage measures.

## Other Resources

[NCHRP 562 & TCRP 112: Improving Pedestrian Safety at Unsignalized Intersections](#)  
[Curb Extensions, PEDSAFE](#)  
[2010 ADA Standards for Accessible Design, US Dept. of Justice](#)

## Select Examples

[SW Ellsworth St. & SW 5th Ave., Albany, OR](#)  
[Old San Carlos Blvd. & Third St., Fort Myers Beach, FL](#)  
[Patton Ave. & College St., Asheville, NC](#)