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.

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