

# Infrastructure Toolkit

Facilities that can improve conditions for pedestrians and bicyclists

## INVERTED U BICYCLE PARKING



Not all bicycle parking is created equal. Inverted U racks allow back tires and frames to be properly secured, and keep bicycles upright.

## HIGH-VISIBILITY CROSSWALKS



High-visibility crosswalks are visible to drivers from a distance, and indicate to motorists where they can expect to see pedestrians.

## TRAFFIC CALMING



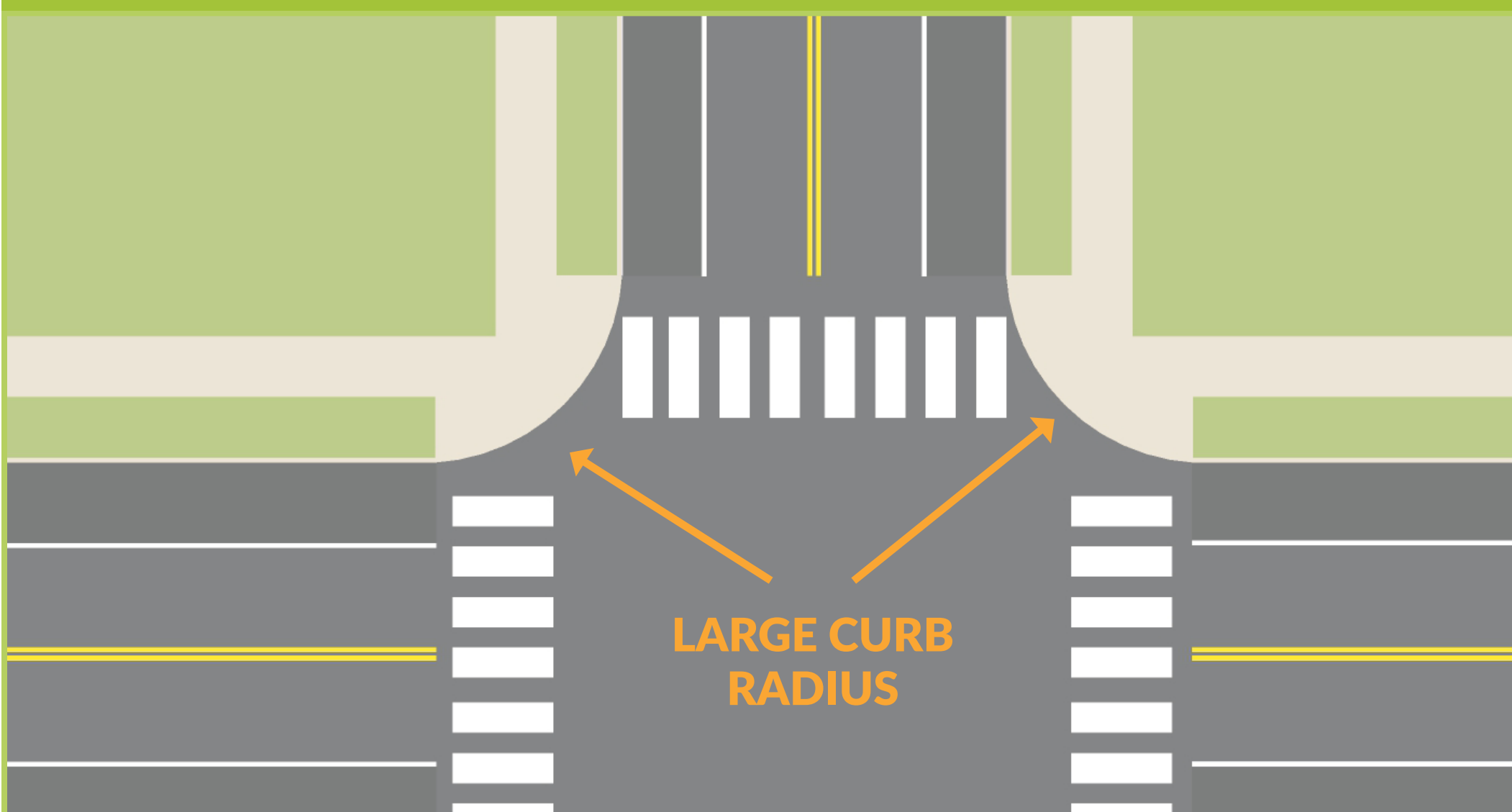
Traffic calming is a method of modifying a street to reduce automobile traffic speeds, and to improve conditions for pedestrians and bicyclists. A mini-traffic circle is one of many calming techniques.

## PEDESTRIAN CROSSING ISLAND

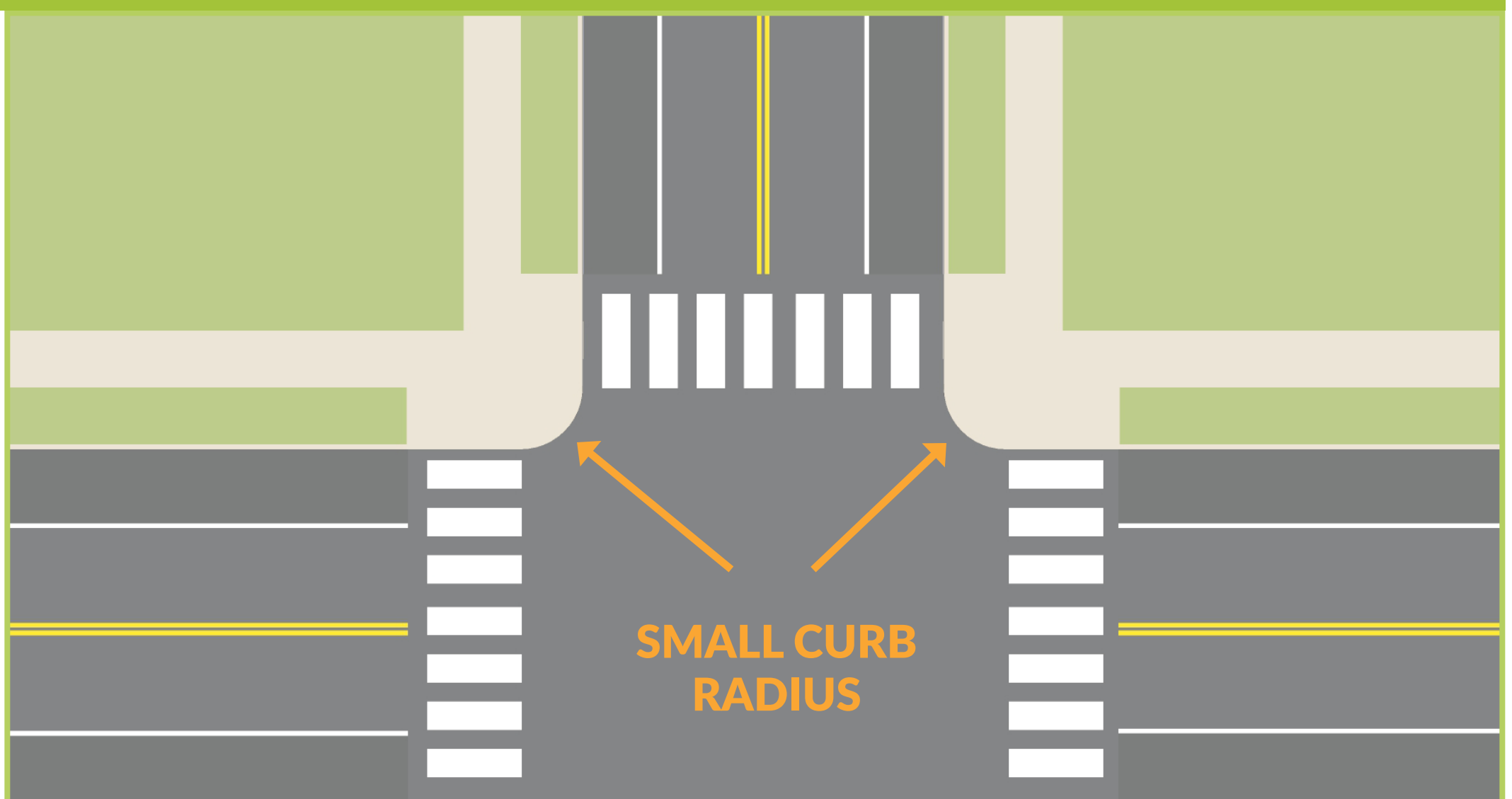


Pedestrian crossing islands provide a refuge for pedestrians between travel lanes, allowing them to focus on crossing one direction of traffic at a time.

## SMALL CURB RADIUS



vs.

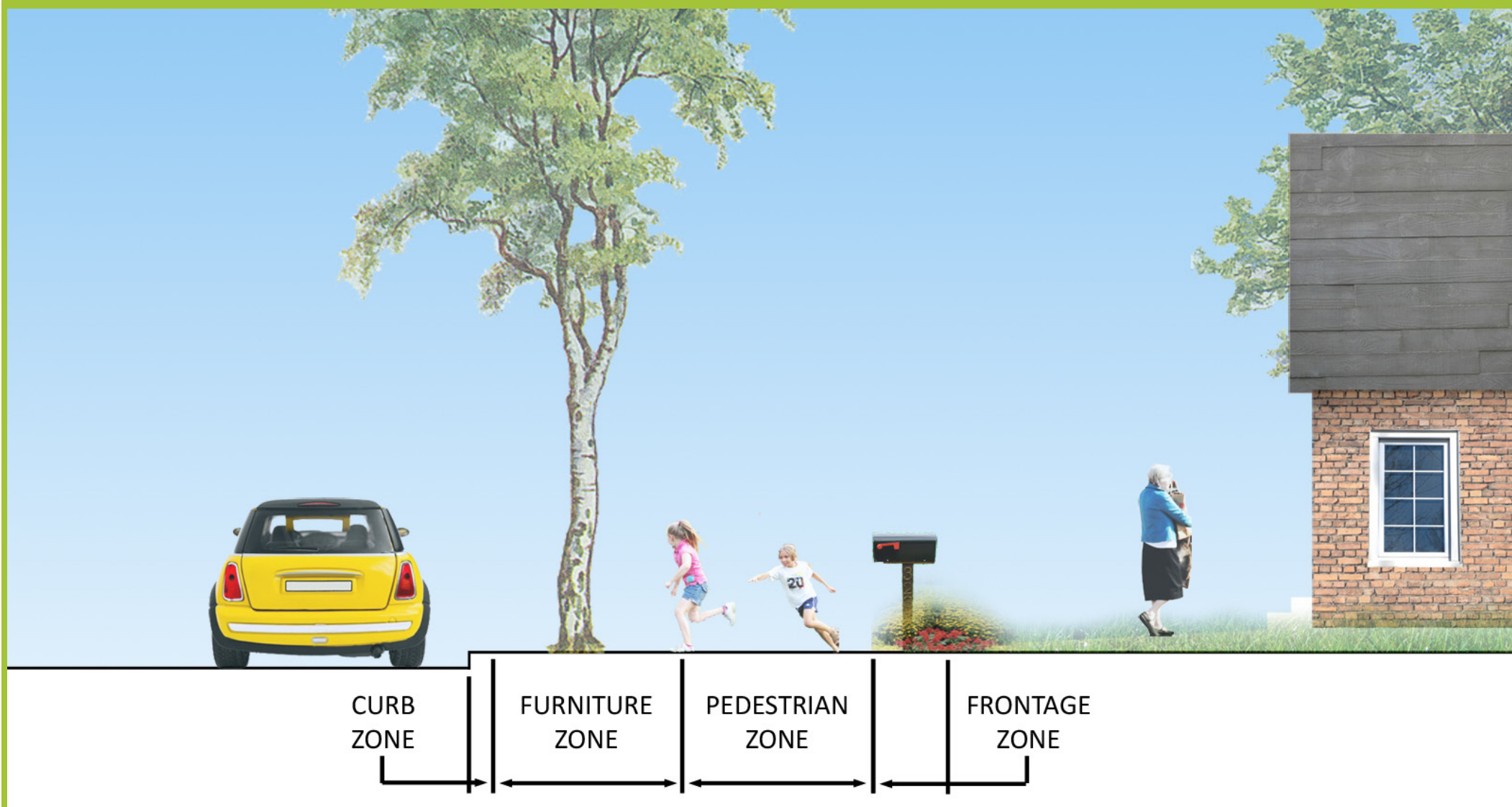


A small curb radius requires drivers to make turns and move through intersections more slowly than they would otherwise, improving pedestrian visibility and calming traffic speeds. In addition, a small curb radius results in shorter crossing distances for pedestrians.

# Infrastructure Toolkit

## Facilities that can improve conditions for pedestrians and bicyclists

### BUILD SIDEWALKS IN RESIDENTIAL COMMUNITIES



Sidewalks improve pedestrian connections between and throughout neighborhoods, as well as provide a safe routes for kids to walk to school.

### RECTANGULAR RAPID FLASH BEACONS



Rectangular Rapid Flash Beacons (RRFB) are user-activated crossing devices that, when in use, flash rapidly and brightly to alert drivers of a pedestrian/bicyclist crossing.

### CURB EXTENSIONS (BUMP-OUTS)



Curb extensions, also called 'bump-outs', decrease crossing distances and improve visibility of pedestrians crossing the street.

### BICYCLE LANES



Bicycle lanes designate a portion of the roadway for preferential use by bicyclists. Buffered or protected bicycle lanes provide additional separation between automobiles and bicyclists.

### SPEED TABLE



Speed tables are wide and gradual traffic bumps placed at bicyclist and pedestrian crossings. They help to calm approaching traffic, and improve visibility of people crossing for pedestrians.

### FORWARD STOP BAR



Forward stop bars indicate to drivers where they should stop when approaching a pedestrian crosswalk, improving pedestrian comfort and reducing the risk of hidden threat collisions.