

CURB EXTENSIONS/BULBOUTS

CURB EXTENSIONS or **BULBOUTS** minimize pedestrian exposure during crossing by shortening crossing distance and giving pedestrians and bicyclists a better chance to see and be seen before committing to crossing. They are appropriate for an intersection where it is desirable to shorten crossing distance and there is a parking lane or shoulder adjacent to the curb.



Lower
Speeds



Improved
Crossings



Better
Visibility

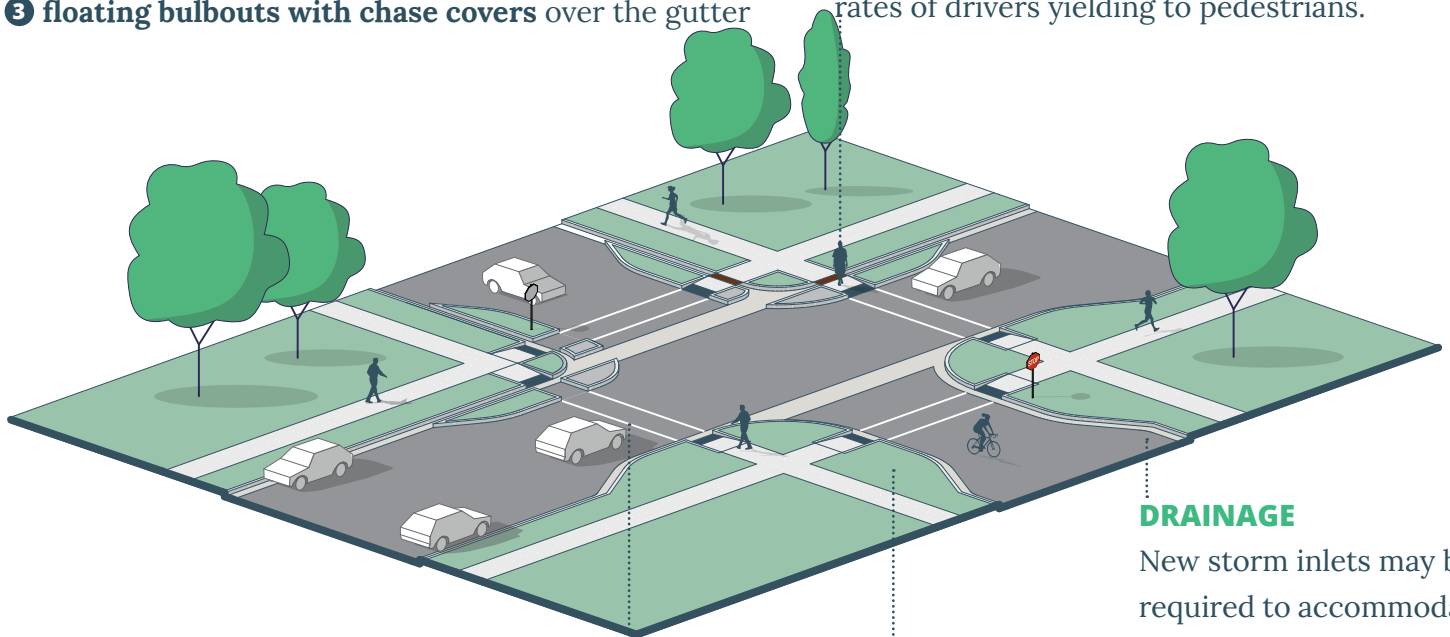
THREE STYLES OF CURB BULBOUTS

Three styles of curb bulouts typically used include:

- 1 **standard bulouts** that extend the existing curb
- 2 **floating bulouts** that leave the existing gutter open
- 3 **floating bulouts with chase covers** over the gutter

PEDESTRIAN VISIBILITY

Pedestrians waiting to cross the street are more visible to drivers, clarifying their intent to cross. This results in higher rates of drivers yielding to pedestrians.



NARROWED INTERSECTION

A narrowed intersection creates a shorter crossing distance for pedestrians and causes drivers to slow down through the intersection

DRAINAGE

New storm inlets may be required to accommodate drainage

MORE USABLE SPACE

Curb bulouts create more space for landscaping, streetscape amenities, and bike ramps



Landscaped curb extension



Floating curb extension in St. Petersburg, FL



Curb extension with chase cover
Source: NACTO