

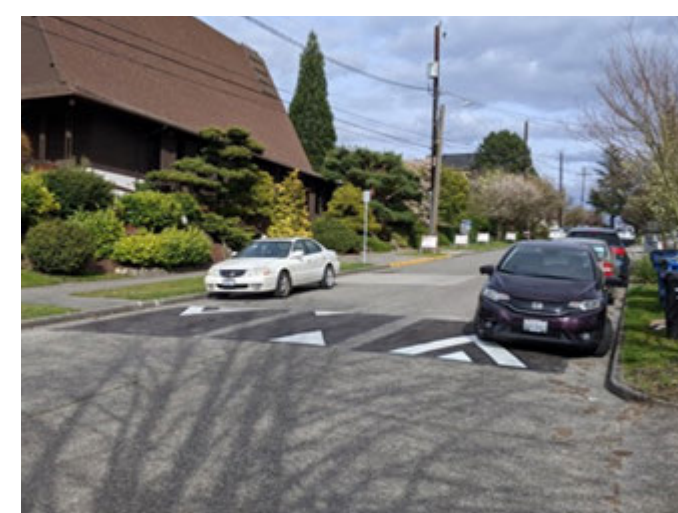
CURB EXTENSIONS



DEFINITION
 » Extension of the sidewalk into the street at intersections or mid-block

BENEFITS
 » Reduces crossing distance for pedestrians
 » Increases visibility for pedestrians, bicyclists, and vehicles
 » Slows turning vehicles

SPEED CUSHIONS



DEFINITION
 » Two or more raised areas of pavement surface placed across roadway
 » Gaps between speed cushions allow emergency vehicles to navigate more easily

BENEFITS
 » Lowers vehicle speeds

GATEWAY TREATMENT



DEFINITION
 » A combination of treatments such as medians, curb extensions and/or wayfinding elements that are intended to mark the transition to a slower speed street

BENEFITS
 » Indicates to drivers that the context of the street has changed
 » Increases visibility for pedestrians, bicyclists, and vehicles

TRAFFIC CIRCLE



DEFINITION
 » Raised circular median placed in intersection on neighborhood streets
 » Existing stop signs removed, and replaced with Yield signs, so approaching traffic yields to circulating traffic

BENEFITS
 » Lowers vehicle speeds
 » Reduces right-angle crashes

ALL-WAY STOP



DEFINITION
 » Requires all vehicles at an intersection to stop before proceeding
 » Includes high-visibility crosswalks

BENEFITS
 » Improves safety and reduces the risk of serious crashes

FLASHING BEACON



DEFINITION
 » User-actuated yellow flashing lights that alert drivers to yield where bicyclists and pedestrians have the right-of-way crossing a road
 » Includes high-visibility crosswalks

BENEFITS
 » Can increase driver yield behavior when paired with standard crossing warning signs and markings

PED REFUGE ISLAND



DEFINITION
 » Medians located in the center of a street
 » Acts as a waiting area for people walking or bicycling across the street
 » Includes high-visibility crosswalks

BENEFITS
 » Reduces the crossing distance for a pedestrian or bicyclist through the intersection
 » Slows turning and through moving vehicles
 » Increases visibility for pedestrians, bicyclists, and vehicles

HARDENED CNTR LINE



DEFINITION
 » Raised elements placed along the yellow centerline at an intersection

BENEFITS
 » Slows turning vehicles

STRIPED MEDIAN



DEFINITION
 » Double yellow lines are tapered (gradually diverging at intersection) to create a horizontal shift in a vehicle's path

BENEFITS
 » Lowers vehicle speeds

Ⓟ Parking removal at all intersection approaches will be evaluated to increase visibility for people walking, biking and driving

Ⓢ Example images for treatments show permanent improvements. Phase 1 implementation will likely use "quick build" materials, which will not include concrete work.

"Definition" and "Benefits" text partially sourced from: ITE Traffic Calming Fact Sheets, May 2018 and NACTO Urban Street Design Guide, October 2013.

