

bicycle facility toolkit ...

Sample Intersection Treatments

Pine & 12th



Green Bike Box

A bike box is a safe and visible area for bicyclists to queue in front of motor vehicle traffic at signalized intersections.

Dexter Ave N



Intersection Crossing Markings

Bicycle pavement markings through intersections guide bicyclists and indicate the intended path of through an intersection or across a driveway or ramp to motor vehicles.

Portland, OR



Two-Stage Turn Box

Two-stage turn queue boxes facilitate safe turning movements by providing a designated space in the direction of traffic for bicyclists to pull into before crossing the roadway perpendicularly.

Fremont Ave N & N 34th St



Bicycle Signal

Bicycle detection at traffic signals uses either push-buttons or automated detection to alert the signal controller of the presence of a waiting cyclist.

Vancouver, WA



Median Refuge Island

Median refuge islands are protected spaces in the middle of the street to facilitate bicycle and pedestrian crossings.