

Treatment Options

BIKE LANE



ADVANTAGES

- Improves safety and comfort by increasing the visibility and awareness of cyclists
- Provides an exclusive space for bicyclists

CHALLENGES

- May not be comfortable for some people on roads with high traffic volumes and/or speeds
- Motorists may illegally park in bike lane

SHARED USE PATH



ADVANTAGES

- Separates bicyclists from vehicle traffic
- Combining pedestrians and bicyclists may require less space than separate facilities for each

CHALLENGES

- Needs adequate space to accommodate buffer from street and width to allow the passing of bicyclists and pedestrians
- Bicycle and pedestrian conflicts
- Higher potential for crashes in highly urban areas or along roads with driveways than bike lanes

BUFFERED BIKE LANE



ADVANTAGES

- Higher level of comfort than bike lanes
- Attractive to a wider spectrum of people than regular bike lanes

CHALLENGES

- Requires more space than bike lane
- Illegal Parking
- No physical barrier

RAISED MEDIAN/REFUGE ISLAND



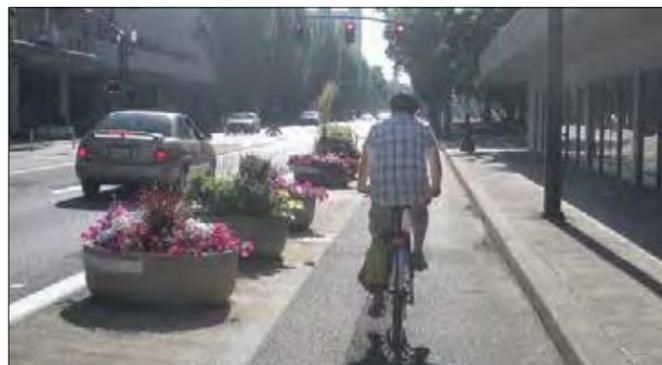
ADVANTAGES

- Reduces the number of crashes at marked and unmarked crosswalks
- Preferred on multi-lane streets
- Requires shorter gaps in traffic to cross the street

CHALLENGES

- Must have at least 6 feet of space to accommodate wheelchairs; not all streets will have adequate space
- Physical barrier in the street

1-WAY PROTECTED BIKE LANE



ADVANTAGES

- Higher level of comfort than bike lanes & buffered bike lanes
- Attractive to a wider spectrum of people than regular bike lanes

CHALLENGES

- Potential conflicts at intersections
- Can be expensive
- Requires more space than bike lane
- Maintenance

RECTANGULAR RAPID FLASH BEACON



ADVANTAGES

- Typically increases yielding by drivers
- Relatively inexpensive

CHALLENGES

- Motorists may not understand flashing lights and may not yield
- Pedestrians may not activate flashing light

2-WAY PROTECTED BIKE LANE



ADVANTAGES

- Higher level of comfort than bike lanes & buffered bike lanes
- Attractive to a wider spectrum of people than regular bike lanes

CHALLENGES

- Potential conflicts at intersections & drive ways (more so than 1-way protected bike lane)
- Can be expensive
- Requires more space than bike lane
- Maintenance

PEDESTRIAN HYBRID BEACON (HAWK)



ADVANTAGES

- A very high rate of motorists yielding to pedestrians
- Drivers don't have to wait as long at hybrid beacons compared to other signalized intersections

CHALLENGES

- Expensive compared to other crossing treatments
- Requires pedestrian activation