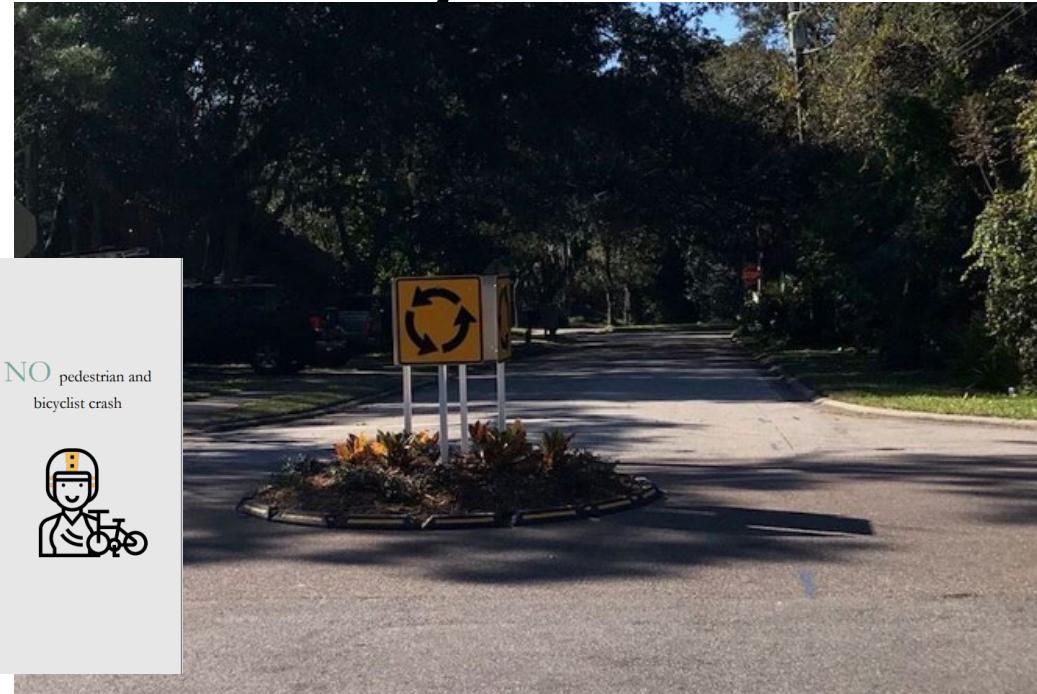
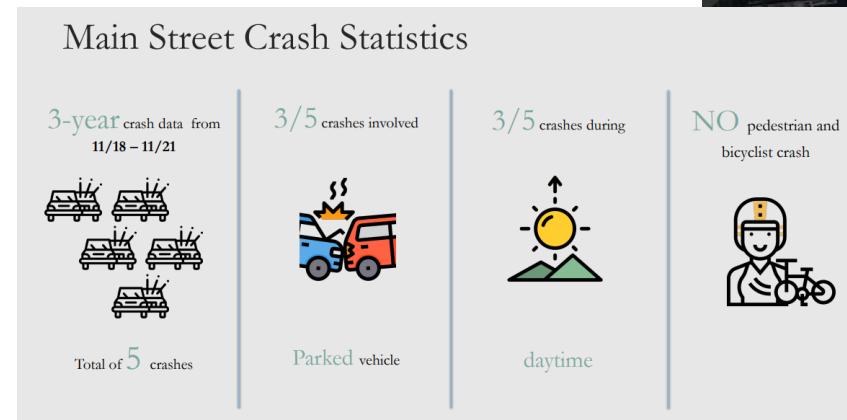


Main Street Complete Streets - History

May 2021

- Main Street Pilot Safety Improvements and Traffic Calming
- Traffic circle
- Bulb outs



A&E Engineering

- Option 1- Ped. Lane
- Option 2 – Advisory Shoulder



Option 1: Pedestrian Lane



DDEC

What is a PEDESTRIAN LANE?

Pedestrian lanes should be designed to support and promote side-by-side walking within the lane. Because of the lack of physical separation, additional width beyond this should be included for added comfort.

The diagram shows a cross-section of a road with a paved surface. On the left, there is a green lawn and a tree. In the center, there is a paved pedestrian lane with a double white line. Two people are walking side-by-side on the lane. On the right, there is another green lawn and a tree. A car is driving on the road to the left, and a person is walking a dog on the right. Arrows at the bottom indicate the direction of traffic flow.

» 8 ft (2.4 m) width is preferred.

» 5 ft (1.5 m) width is the minimum to allow for side-by-side walking and maneuverability by users of mobility devices.



PED ONLY legend marking and/or Pedestrian symbol marking to identify the pedestrian lane to all users.

Pedestrian Warning sign (W11-2) paired with an "ON ROADWAY" legend plaque may be used to indicate to drivers to expect pedestrians within the paved road surface.

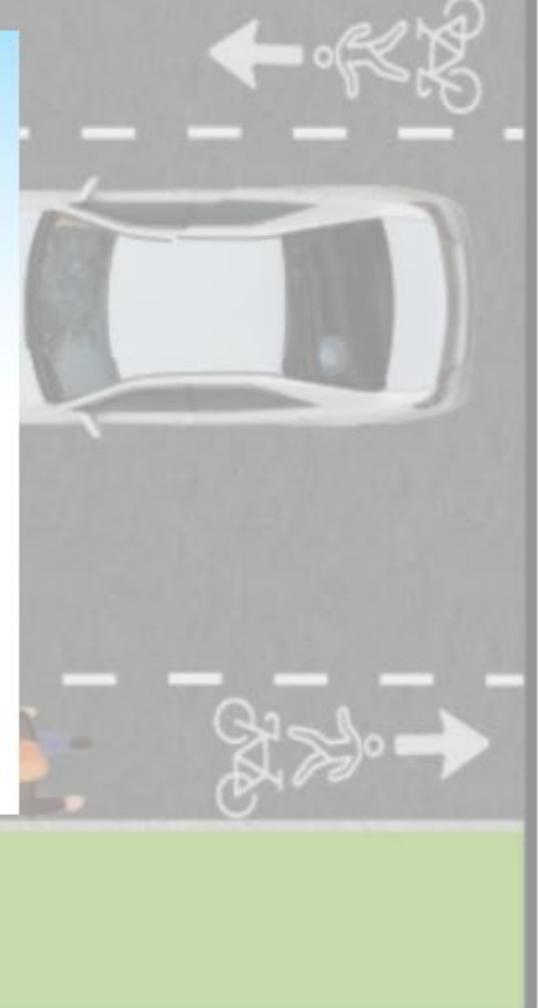
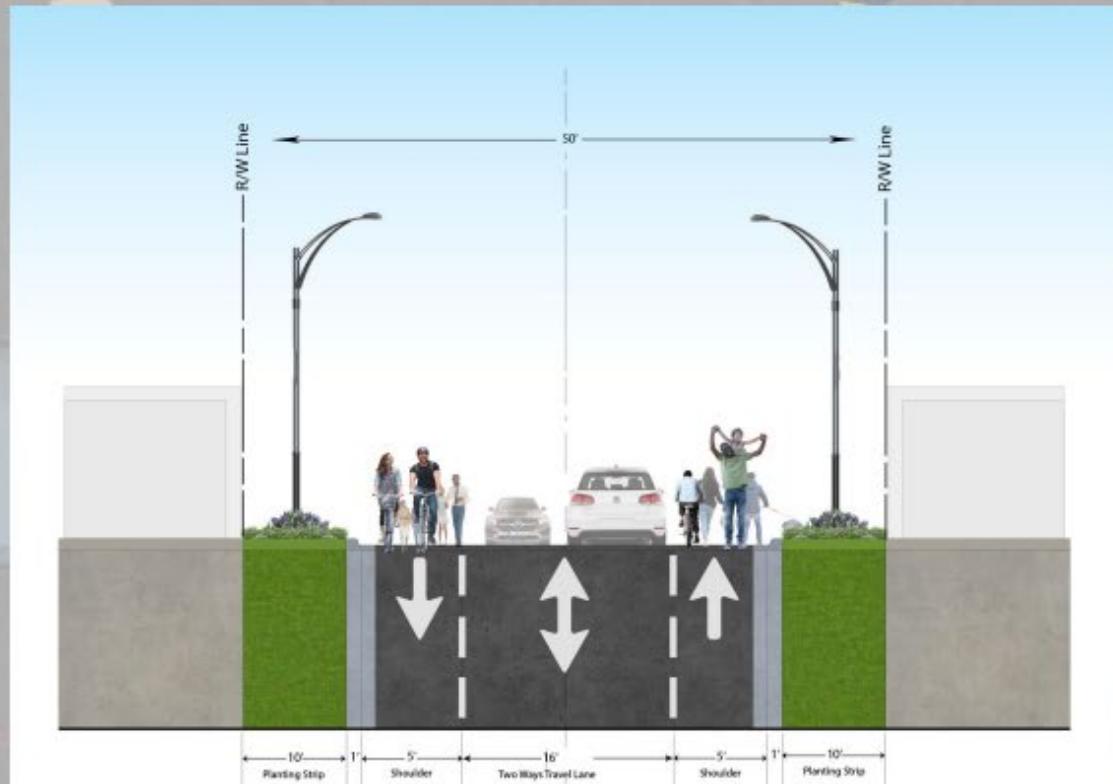
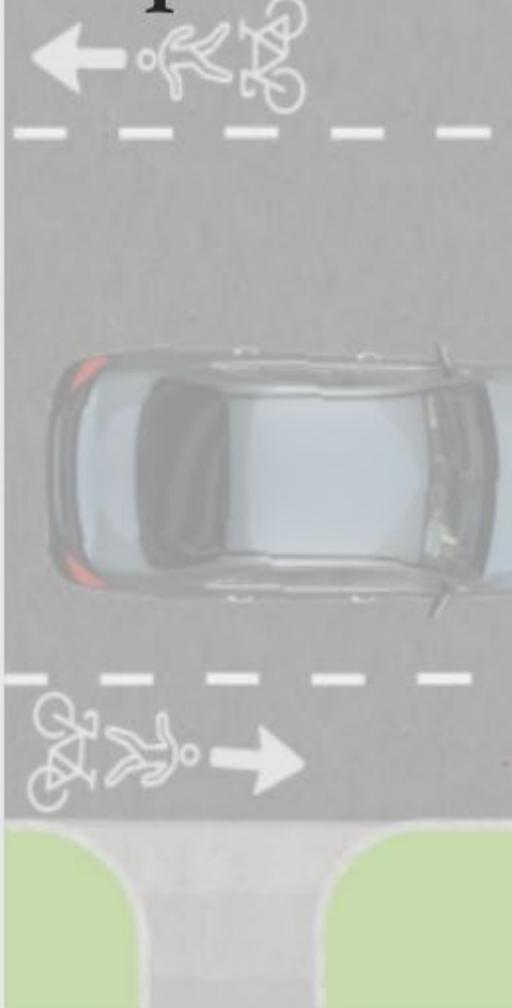
R8-1



W11-2



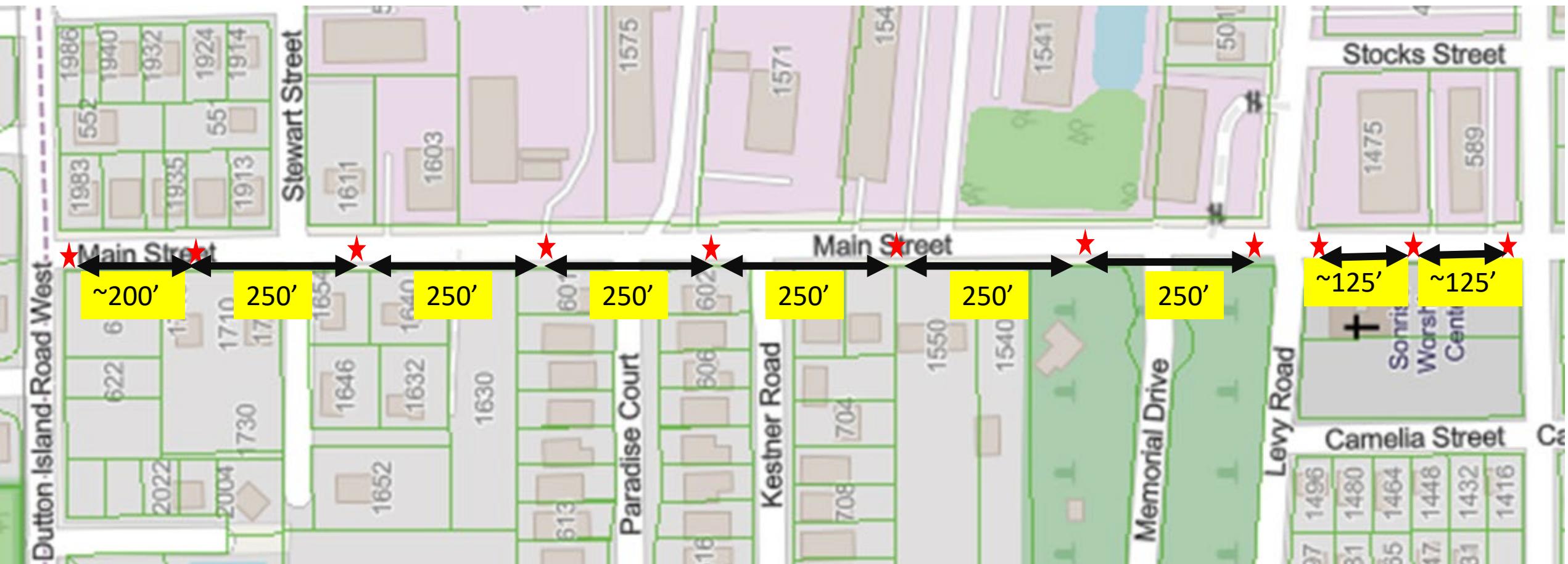
Option 2: Advisory Shoulder

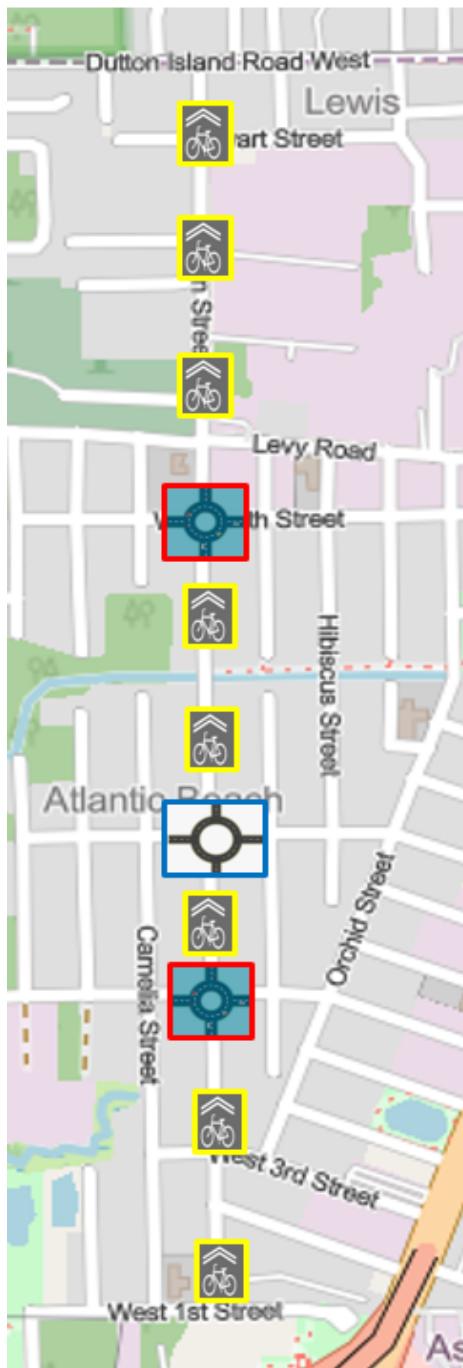


Shared Lane Markings should be placed immediately after an intersection and spaced at intervals not greater than 250 feet thereafter.



Shared Lane
Markings (one on
each side of road)





Option 3: Additional Traffic Circles & Sharrows

OPTION 3

1. 20 MPH
2. Keep on street parking
3. Add traffic circle at W. 14th & Main St.
4. Add traffic circle at W. 6th & Main St.
5. Mark Main St. with sharrows from 1st St. to Dutton Island Rd.
6. Enhance bump outs at bike path



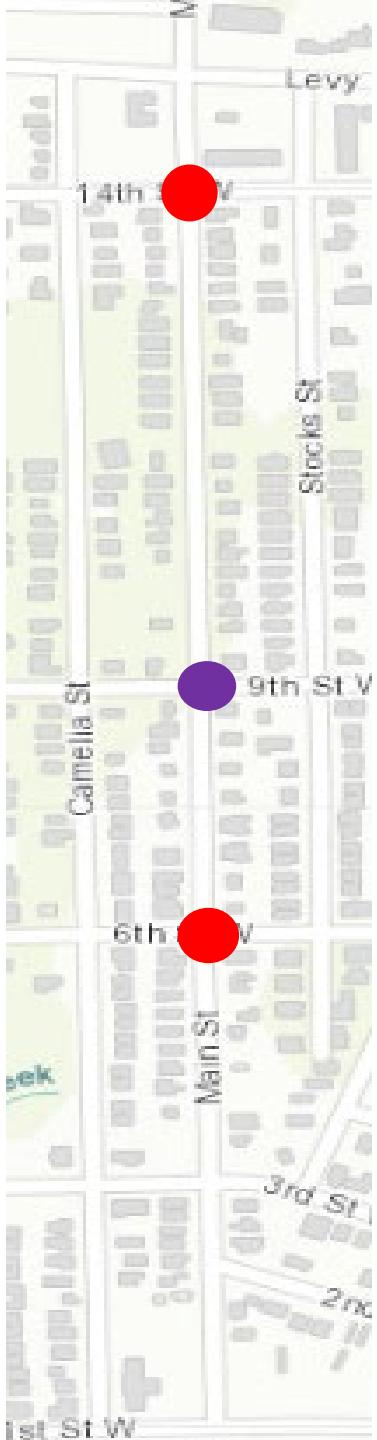
Proposed sharrows 250' apart



Existing traffic circle



Proposed traffic circle



Option 3

Traffic circle 14th & Main

Traffic circle 9th & Main (existing – make permanent)

Traffic circle 6th & Main



14th and Main St.



**9thth and Main St.
(make permanent)**



6th and Main St.

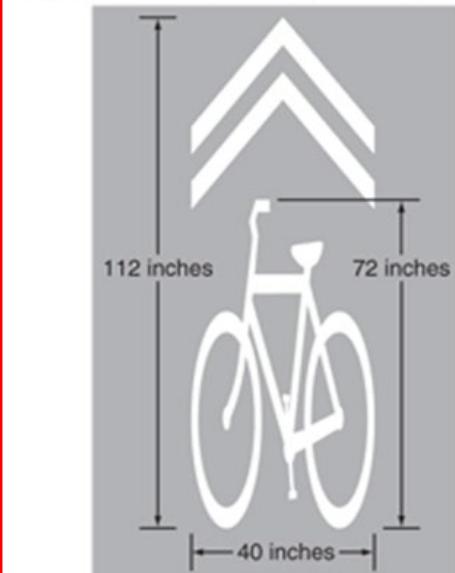


Shared Lane Markings from W 14th Street to Dutton Island Road

(both sides of road)



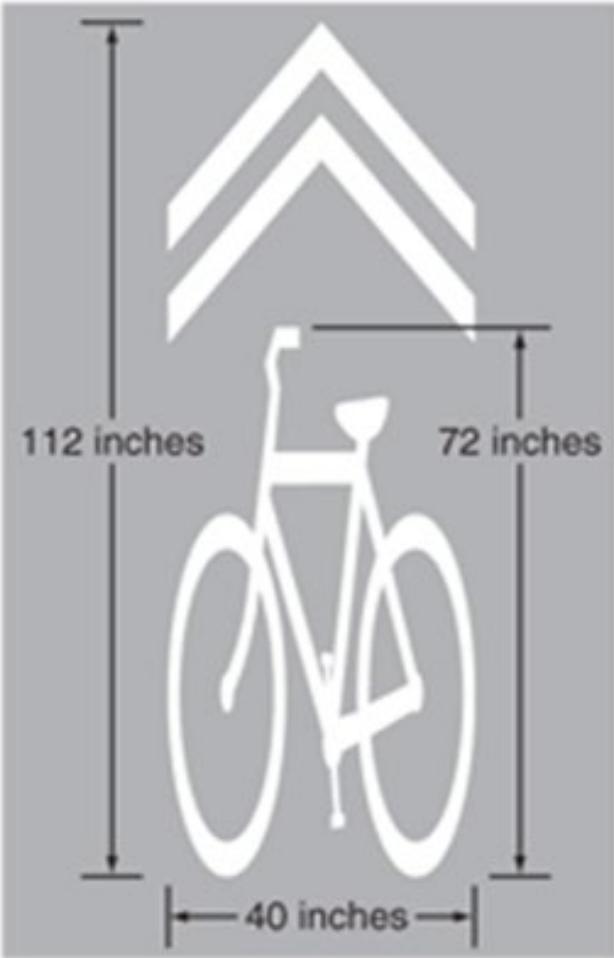
Figure 9C-9. Shared Lane Marking



The center of the Shared Lane Markings should be in center of travel lane.

SIZE

Figure 9C-9. Shared Lane Marking



WHERE

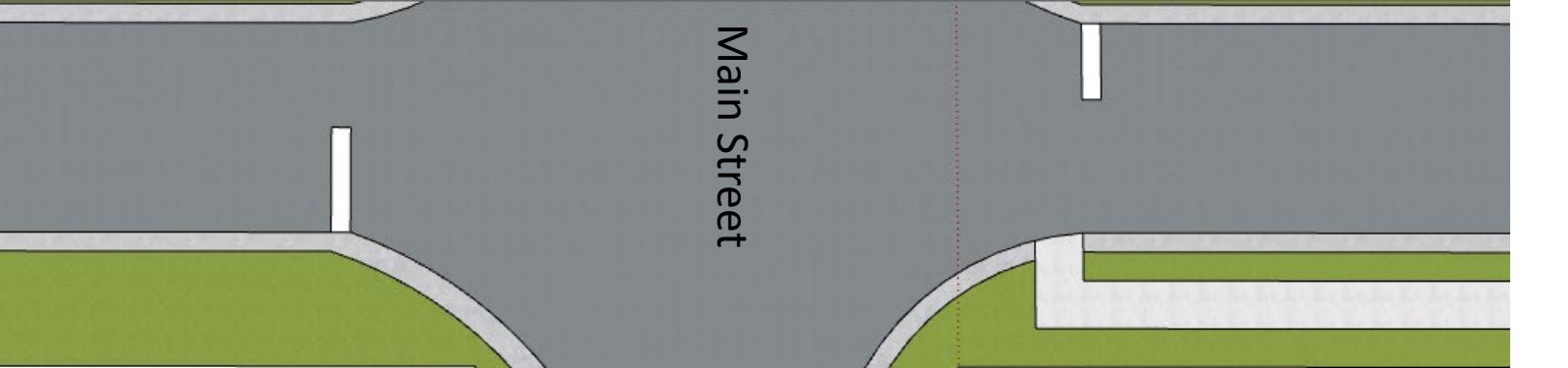
Center of each travel lane



At W Plaza
Ditch/Bike Path

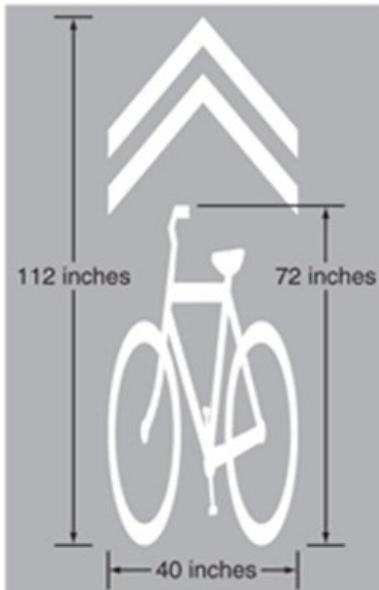


AT 4-way INTERSECTIONS



Shared lane markings, one at each end of double yellow line. Placed in center of travel lane.

Figure 9C-9. Shared Lane Marking



Double yellow line painted 40' from stop-bar

Advisory bike lane ends 50' from stop-bar

INTERSECTION

- Additional shared lane markings around the traffic circle in center of traffic lane



= Shared Lane Marking

Figure 9C-9. Shared Lane Marking

