

Minneapolis Bicycle Facility Manual

Chapter 9—Innovation



On-Street Treatments — Shared Use Pavement Markings

Shared Use Markings with Signage—Shared use markings enhance the visibility of bicycles along collector and minor arterial roadways. Shared use markings are intended to help bikers position themselves in lanes too narrow for a motor vehicle and a bicycle to travel side by side within the same traffic lane, to encourage safe passing of bicyclists by motorists, to reduce the chance of a bicyclist’s impacting the open door of a parked vehicle in a shared lane with on-street parallel parking, to alert road users of the lateral location bicyclists may occupy, and to reduce wrong-way bicycling. Treatment used when there is not enough space for bike lanes.

San Francisco , CA



Shared Use Markings with Signage Criteria:

- Shared use markings (also called Sharrows) shall not be used on shoulders or in designated bicycle lanes.
- Shared use markings with Signage should be implemented on corridors with speed limits at or below 35 mph.
- Pavement marking should be placed 11 feet (or greater) from face of curb to avoid the door zone when parking exists.
- Pavement markings should be used in combination with informational and wayfinding signage, share the road signage, or bike route signage to deliver a clear message to both bicyclists and motorists.
- Shared use markings should be placed immediately after an intersection and spaced at intervals not greater than 250 feet thereafter (2 markings on a short block, 3 on a long block).

The next iteration of the Minnesota Manual of Uniform Traffic Control Devices (criteria above) will include this treatment for use.

Above photo: San Francisco, California
Below photo: Bryant Avenue South Bike Lane

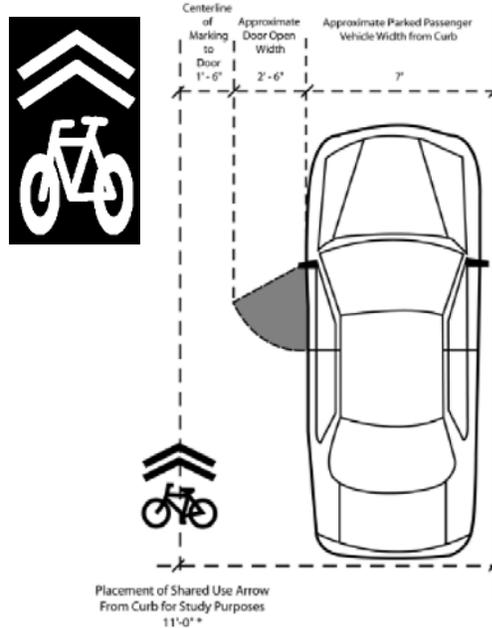


Diagram from San Francisco Shared Lane Marking study

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Shared Use Pavement Markings— Shared Use Pavement Markings originated in Denver with the “bike in the house”. Several communities have experimented with different variations of this treatment with the San Francisco “sharrow” being adopted for use nationally.



Boulder, CO



St. Louis, MO



Chicago, Illinois