

## SHARROWS OR SHARED LANE MARKINGS

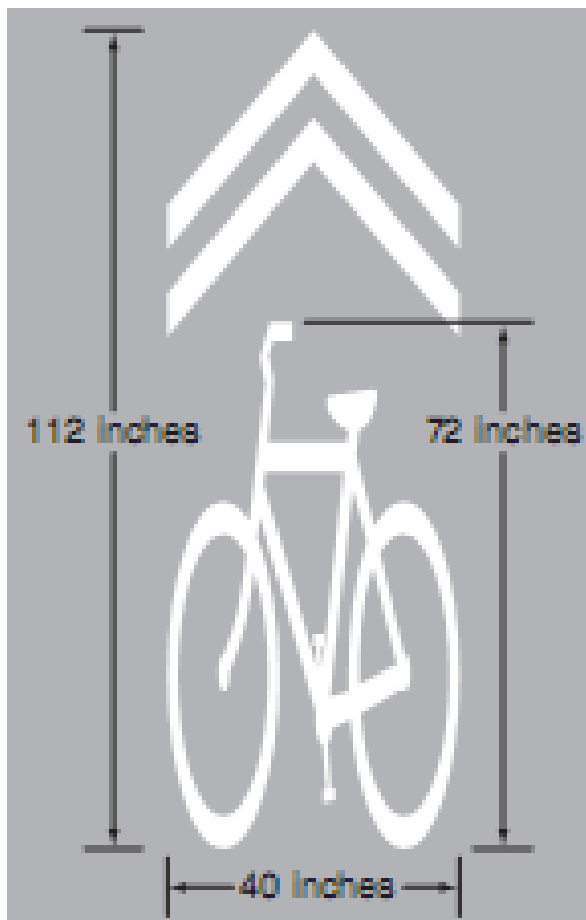
**Status:** now included in the 2009 MUTCD

**Purpose:**

1. Assist bicyclists with lateral positioning when a shared lane is next to on-street parallel parking
2. Assist bicyclists with lateral positioning in lanes that are too narrow for a motor vehicle and a bicycle to travel side by side within the same traffic lane.
3. Alert road users of the lateral location bicyclists are likely to occupy
4. Encourage safe passing of bicyclists by motorists
5. Reduce the incidence of wrong-way riding

**The Symbol:**

**Figure 9C-9. Shared Lane Marking**

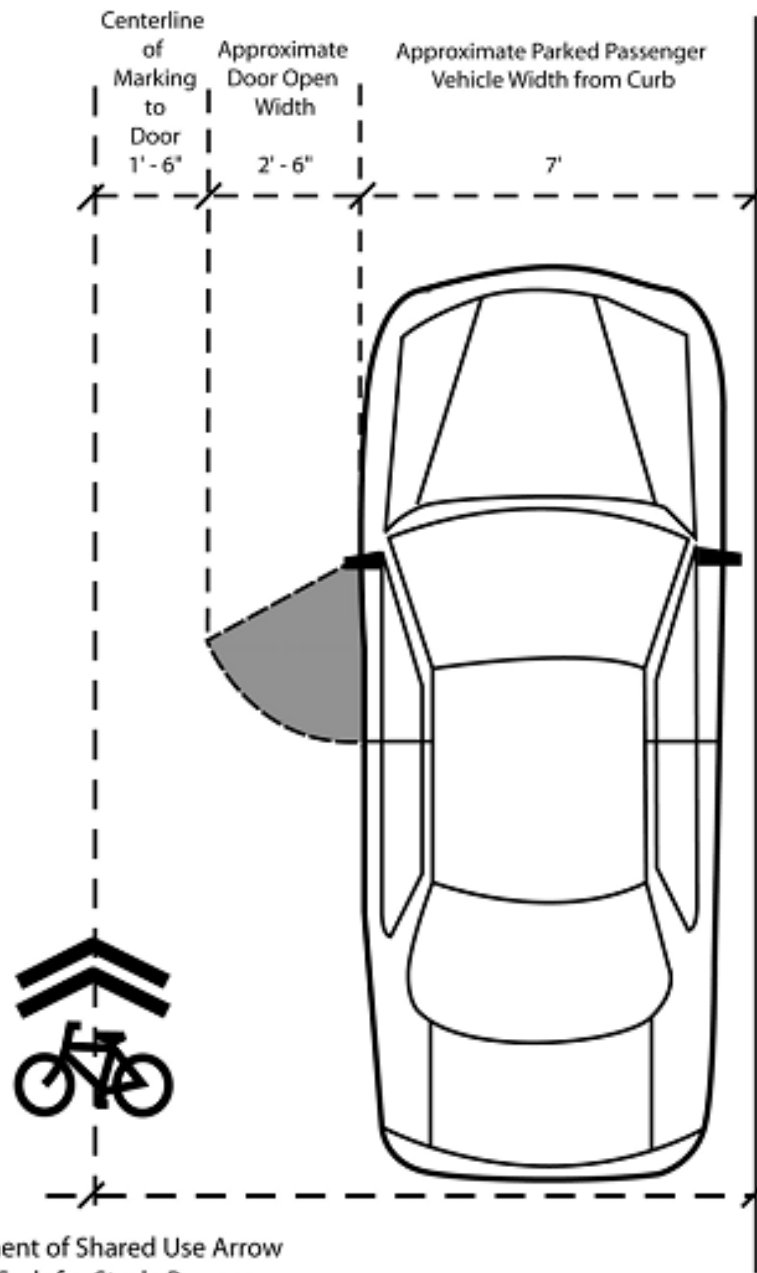


**Placement:**

1. On a street with parallel parking: shared lane markings should be placed so that the centers of the markings are at least 11 feet from the face of the curb, or from the edge of pavement where there is no curb.
2. On a street without on-street parking that has an outside travel lane that is less than 14 feet wide, the centers of the shared lane markings should be at least 4 feet from the face of the curb, or from the edge of the pavement where there is no curb.
3. When used, the shared lane marking should be placed immediately after an intersection and spaced at intervals not greater than 250 feet thereafter.

**Alternative:** The Bicycles May Use Full Lane sign may be used in addition to or instead of the Shared Lane Marking to inform road users that bicyclists might occupy the travel lane.

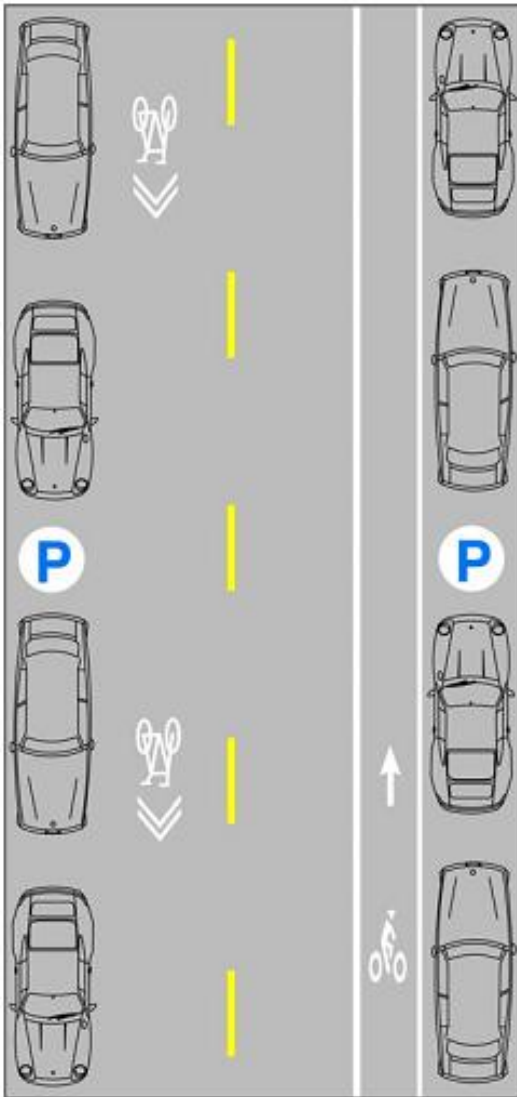
## Logic for Placement:



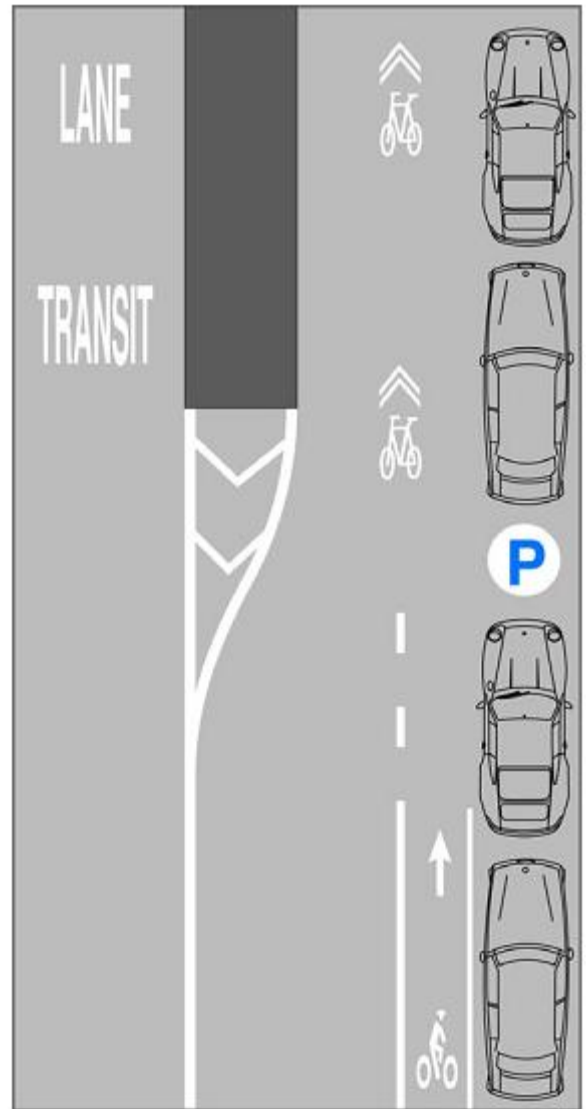
Placement of Shared Use Arrow  
From Curb for Study Purposes  
11'-0" \*

- \* This placement is based on the following:
  - 85<sup>th</sup> percentile of car doors observed opened to 9'6" from curb (per DPT field observations).
  - Average width of bicycles is 2'.
  - 6" clearance from door to bicycle handlebar is desired minimum "shy distance".

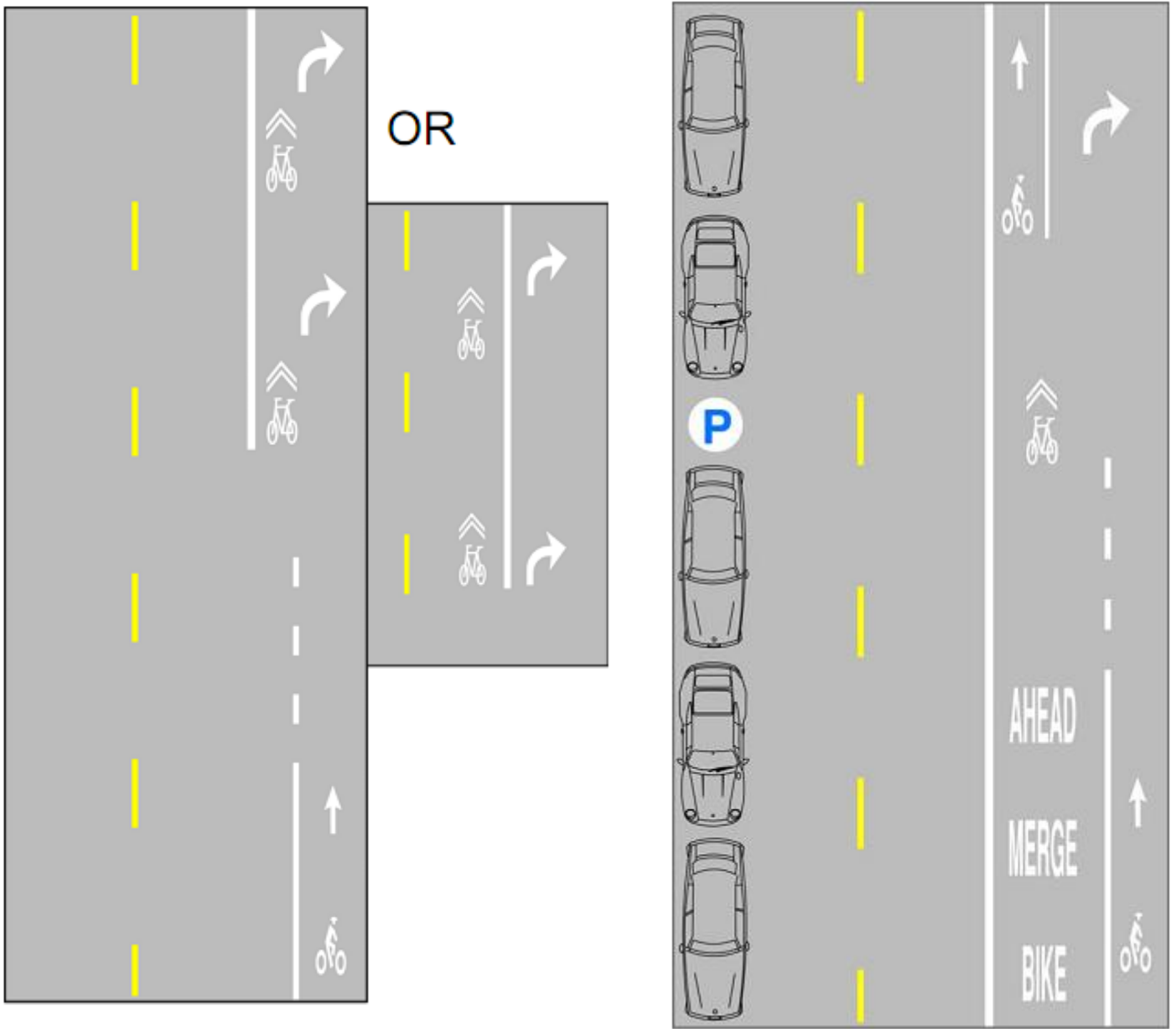
## Examples of Use



Space for Bike lane in one direction only.



Where travelway narrows and bike lane ends



With exclusive right turn lanes.

Sources: 2009 MUTCD, *San Francisco's Shared Lane Pavement Markings: Improving Bicycle Safety*, 2004, Alta Planning and Design, *Shared Lane Markings, When and Where to Use Them*, Presentation at Pro Walk, Pro Bike, September 2008, Mike Sallaberry