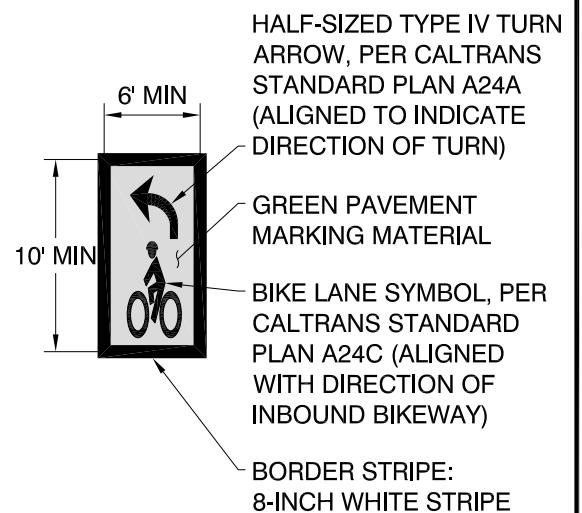


TURN BOX LAYOUT

NOTES

1. Install two-stage turn queue boxes (turn boxes) at signalized intersections where separated (Class IV) bikeways intersect with another bikeway, to facilitate two-stage turns from the separated bikeway.
2. Turn boxes may also be used at the intersections of other bikeway types, where comfortable and convenient turns are not otherwise supported.
3. Prohibit turns on red from intersecting streets where turn boxes are installed in the path of turning vehicles.
4. Turn boxes shall be placed in a protected area, outside of the path of conflicting vehicle, bicycle, and pedestrian movements.
5. Turn boxes may also be used at unsignalized intersections to simplify cyclist turning movements, but engineering judgement must be used to ensure the safe placement of queue boxes outside the path of conflicting vehicle movements.
6. At signalized intersections with passive detection for bicycles, provide passive detection within the turn box



NOT TO SCALE



CITY OF OAKLAND

DEPARTMENT OF TRANSPORTATION | SAFE STREETS DIVISION
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**TWO-STAGE TURN
 QUEUE BOX**

**ROADWAY MARKING
 DETAILS**

SCALE: NTS

DWG. NO.

DATE: MAR 2021

RM-8