




MEMORANDUM

TO: Bureau of Engineering and Construction
FROM: Wladimir Wlassowsky, P.E., City Traffic Engineer 
DATE: October 27, 2016
SUBJECT: Accommodating Bicyclists through Construction Zones

This memorandum provides guidance on Temporary Traffic Control (TTC) measures to accommodate bicyclists through construction zones in Oakland. The guidance supplements Chapter 6 of the California Manual on Traffic Control Devices (CA MUTCD) which specifies that bicyclists be safely accommodated through construction zones.¹

This guidance applies to all roads on which bicyclists are legally allowed to travel.

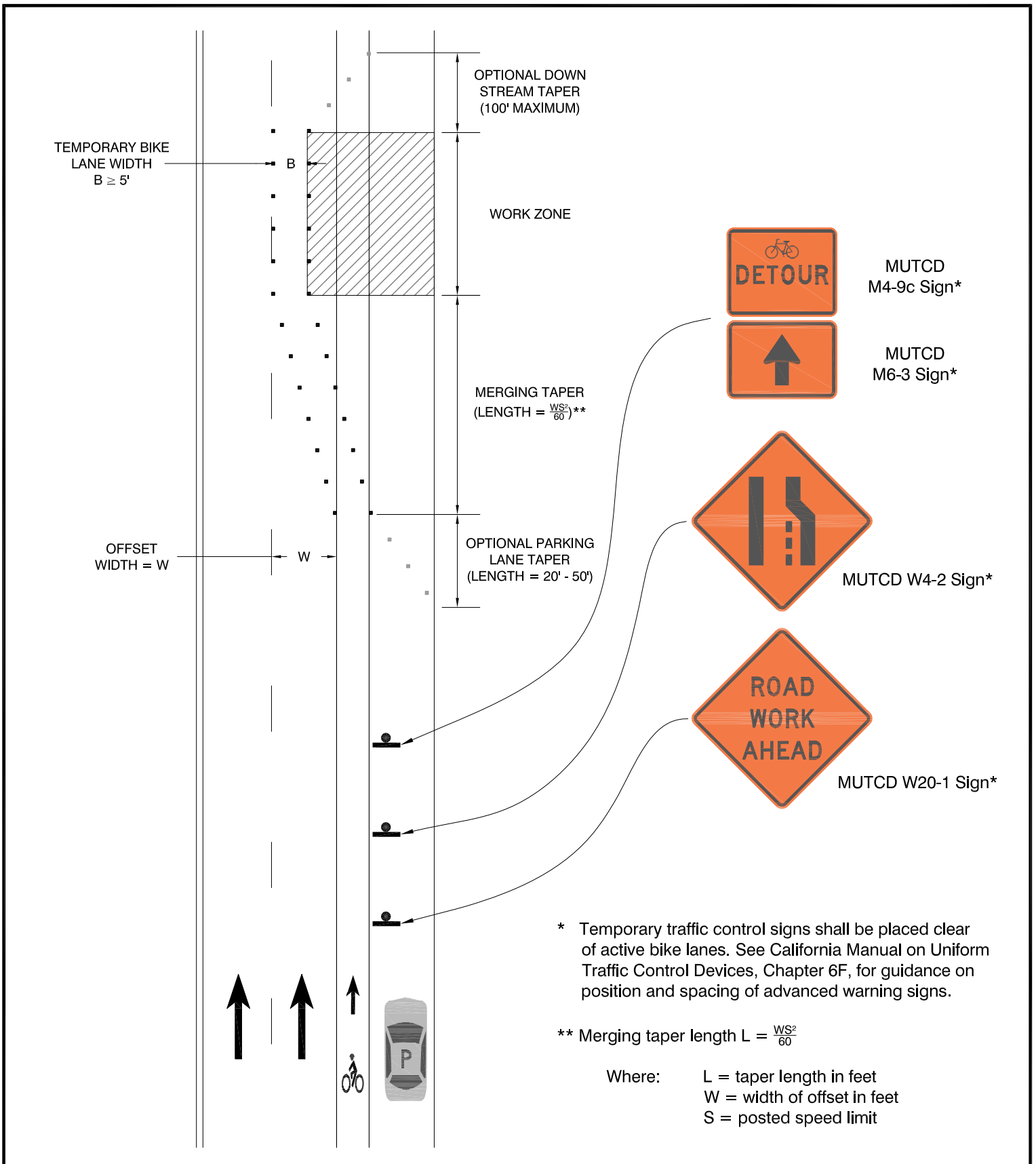
Oakland Standards

1. **Active bike lanes must remain clear (5' minimum). Signage, channelizing devices, barriers, and other equipment shall not be placed in active bike lanes or in locations that would block bicyclists' path of travel.**
2. **Bike lanes shall not be closed for construction activities unless the closure is documented and approved in a Traffic Control Plan (TCP).**
3. **Before approving the closure of a bike lane, the following options shall be evaluated:**
 - a. **Closure of the adjoining travel lane;**
 - b. **Narrowing the adjoining travel lanes (10' preferred).**
4. **TCPs shall indicate the physical length and time duration of all bike lane closures.**
5. **Where bike lanes must be closed, advance notification and tapers shall be provided with sufficient length to allow bicyclists to merge into the adjoining travel lane in advance of the bike lane closure.**
6. **TCPs that include bike lane closures shall post construction zone speed limits of 25 mph or less.**
7. **All bicycle-related TTC signage shall be as permanent as the other TTC signage in the construction zone.**
8. **If the TCP includes roadway striping, temporary bike lanes and/or sharrows shall be installed.**
9. **The City's Bicycle Facilities Program Manager, or her/his designee, shall review TCPs that include bike lane closures of longer than one week or bikeway detours.**

Attachments

- Detail TTC-1: Multi-lane Roadway with Travel Lane Closure, Temporary Bike Lane, and Parking Lane Closure
- Detail TTC-2: Single-lane Roadway with Bike Lane Closure and Parking Lane Closure

¹ The guidance in this memo shall be followed unless a more recent version of the CA MUTCD has a stricter requirement. Refer to all applicable sections, including 6D.101, 6G.05, 6G.08, 6G.10, and 6G.11.



CITY OF OAKLAND

BUREAU OF ENGINEERING AND CONSTRUCTION
BICYCLE FACILITIES PROGRAM
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(510) 238-3466 * FAX (510) 238-7415

MULTI-LANE ROADWAY WITH TRAVEL LANE CLOSURE, TEMPORARY BIKE LANE, AND PARKING LANE CLOSURE

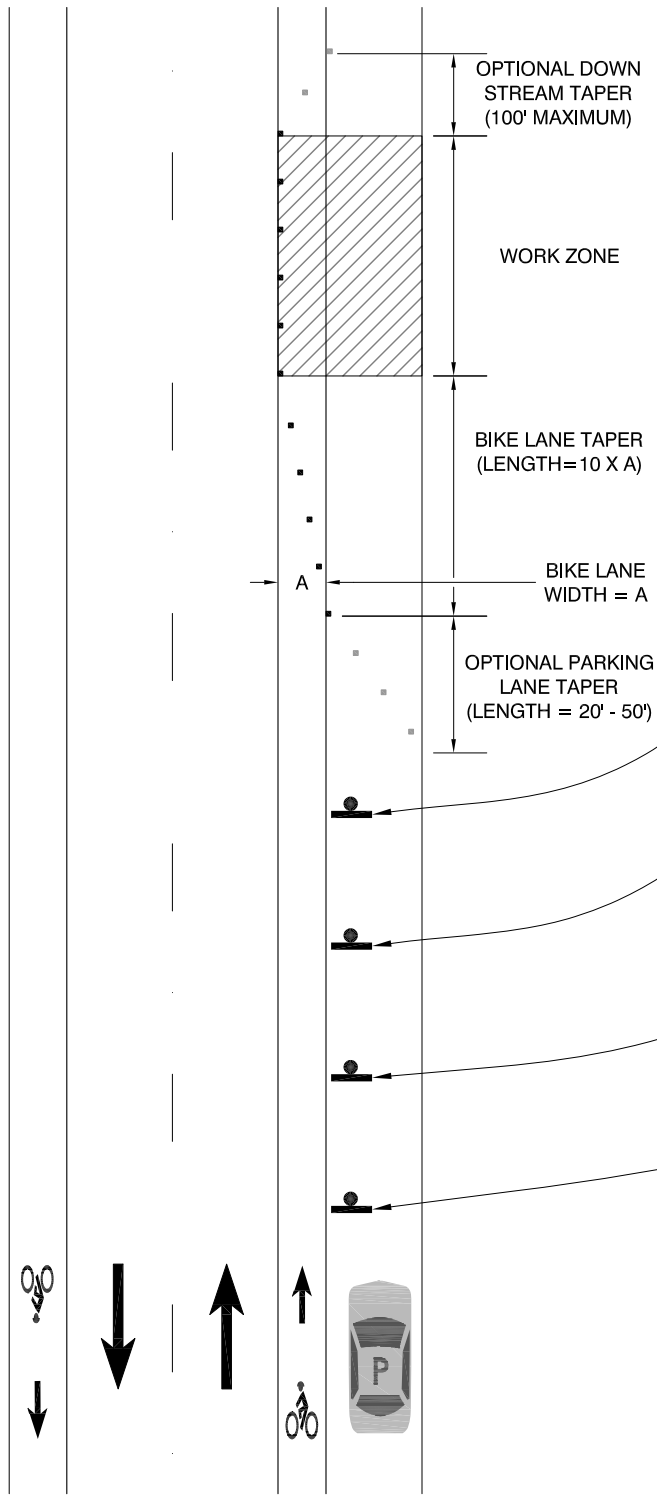
TEMPORARY TRAFFIC CONTROL DETAILS

SCALE: NOT TO SCALE

DWG. NO.

TTC-1

DATE: OCT 2016



MUTCD R4-11 Sign*
(Black on Orange)



Modified
MUTCD W20-5 Sign*



MUTCD C17(CA) Sign*



MUTCD W20-1 Sign*

* Temporary traffic control signs shall be placed clear of active bike lanes. See California Manual on Uniform Traffic Control Devices, Chapter 6F, for guidance on position and spacing of advanced warning signs.



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SINGLE-LANE ROADWAY WITH BIKE LANE CLOSURE AND PARKING LANE CLOSURE

TEMPORARY TRAFFIC CONTROL DETAILS

SCALE: NOT TO
SCALE

DWG. NO.

TTC-2

DATE: OCT 2016