



Public Works Department Development Engineering Division

Temporary Traffic Control Plan Guidelines

The following guidelines are to assist in the preparation of Temporary Traffic Control (TTC) Plans for operations within the City of Napa Public Right of Way.

- All devices and conceptual layouts are located in the latest editions of the Work Area Traffic Control Handbook (WATCH), California Temporary Traffic Control Handbook (CATTCH) and the California Edition of the Manual of Uniform Traffic Control Devices (CA MUTCD).
- Typical Layouts and Typical Applications copied from the WATCH, CATTCH and CA MUTCD are accepted for review.
- Site Specific TTC Plans may be required for complex work/traffic zones, work durations of 2+ consecutive days, and as requested by Traffic Engineering Staff.
- Plans shall include contractor name, field contact, phone and signature.
- Plans shall include street names for the affected areas.
- Clean, clear and readable maps are key to the efficient review of Traffic Control Plans.
- Plan sheets do not need to be scaled drawings yet shall *show*: work zones, tapers and signs.
- *Show* all signs, delineators, flaggers required by the WATCH, CATTCH and CA MUTCD and their general placement.
- *Include* pedestrian and bicycle TTC typicals or design Site Specific as needed for areas in and around work zones.
- *Notifications* of other agencies such as VINE transit service, AT&T, PG&E or Wine Train is the responsibility of the contractor.
- Major street lane closures should be scheduled for off-peak traffic or nighttime operations. Traffic Engineering Staff can provide guidance for major streets, volumes and work hours.
- Major street lane closures require 1 arrowboard or vehicle mounted lightbar per lane closed.
- Lane / Road Closures of 2+ consecutive days require changeable message boards prior to and during scheduled operations.
- Typical TTC Plans shall be submitted for review at least 1-week in advance of proposed operations. Site Specific and complex TTC Plans shall be submitted at least 2 weeks prior to scheduled operations.

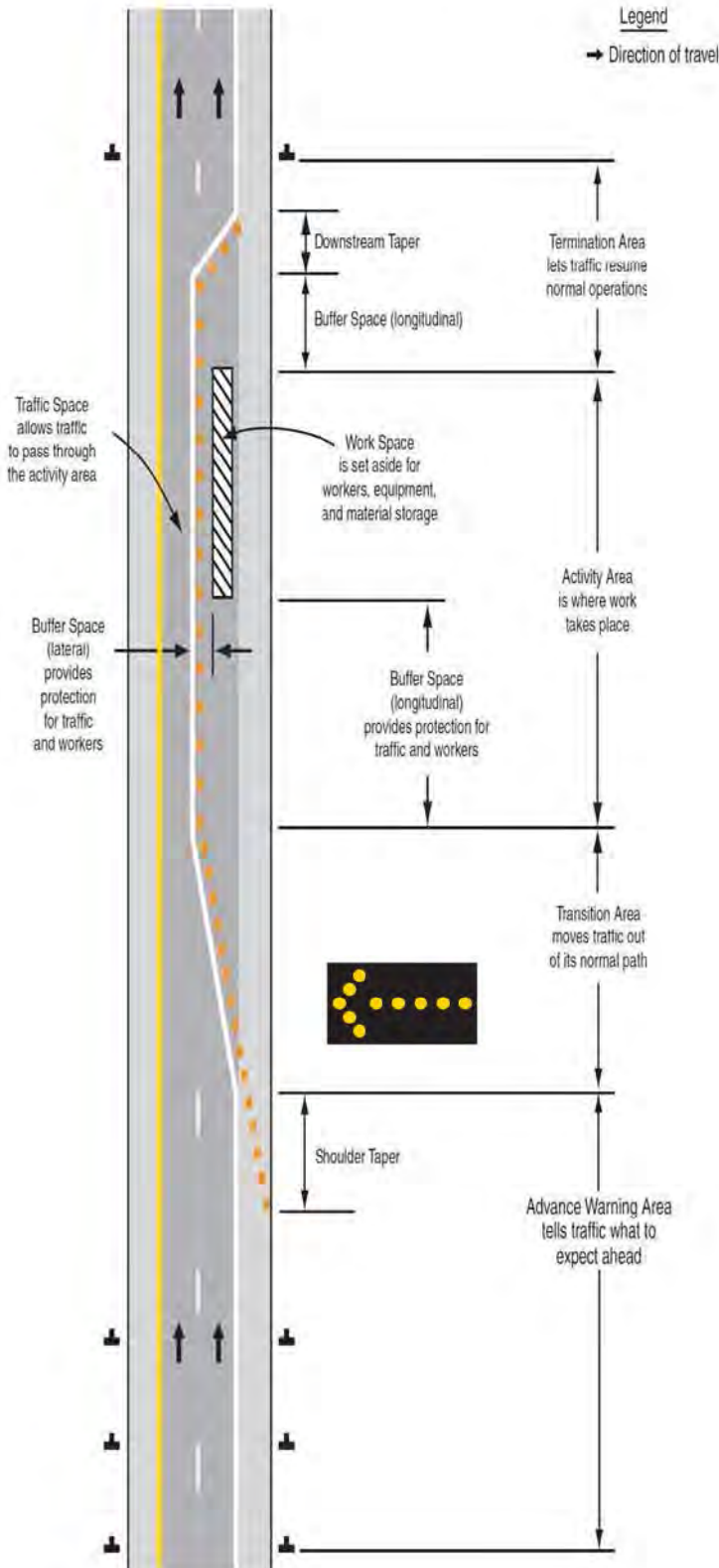
These are general guidelines in addition to the reference materials for design and device requirements. Any questions and/or clarifications should be directed to:

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Figure 6C-1. Component Parts of a Temporary Traffic Control Zone



Speed* S (mph)	Minimum Taper Length** for Width of Offset 12 ft (W)			
	Merging L (ft)	Shifting L/2 (ft)	Shoulder L/3 (ft)	Down Stream (ft)
20	80	40	27	100
25	125	63	42	100
30	180	90	60	100
35	245	123	82	100
40	320	160	107	100

Road Type	Distance Between Signs†		
	A	B	C
Urban (low speed) - 25 mph or less	100 feet	100 feet	100 feet
Urban (high speed) - more than 25 mph to 40 mph	250 feet	250 feet	250 feet
Urban (high speed) - more than 40 mph	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

