

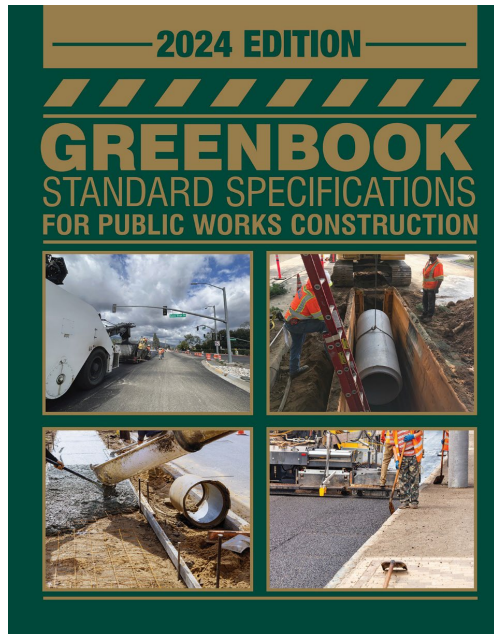
# GREENBOOK SEMINAR

## October 30, 2024

### PART 6

## TEMPORARY TRAFFIC CONTROL

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# Section 600 - ACCESS

## 600 -1 GENERAL

1. “ The Contractor shall have no greater length or quantity of Work under construction than can be prosecuted with minimum of inconvenience to public and other contractors engaged in adjacent work”
2. Provide continuous and unobstructed vehicular and pedestrian access to adjacent properties

### Comment:

1. Sometimes the contractor wants to stage their equipment 24/7 within the temporary traffic control and do full lane closure. This can take up more space than the agency wants or is safe for the project. The TCP needs to reflect this full lane closure.
2. The Engineer can reject this full lane closure 24/7 for staging and can have Contractor stage equipment elsewhere for non-working hours.

# 600-3 Pedestrian Access

1. Access to pedestrian stops and Public Transportation Stops not to exceed 300' unless approved by Engineer
2. If crosswalk closures are necessary, shall close 1 side at a time.
3. If 2 closures at an intersection are required an approved pedestrian detour plan must be approved by Engineer
4. Walkways within the work site shall be a minimum of 4 feet in width.
5. Minimum horizontal clearance between walkways within the work site and operating equipment shall be a minimum of 5 feet



# Section 601- Temporary Traffic Control for Construction and Maintenance Work Zones

## 601-1 GENERAL

- 1) Temporary traffic control (TTC) for construction shall conform to Part 6 of California MUTCD the temporary traffic control plan (TCP) either submitted with the plans or submitted by the contractor as a working drawing.

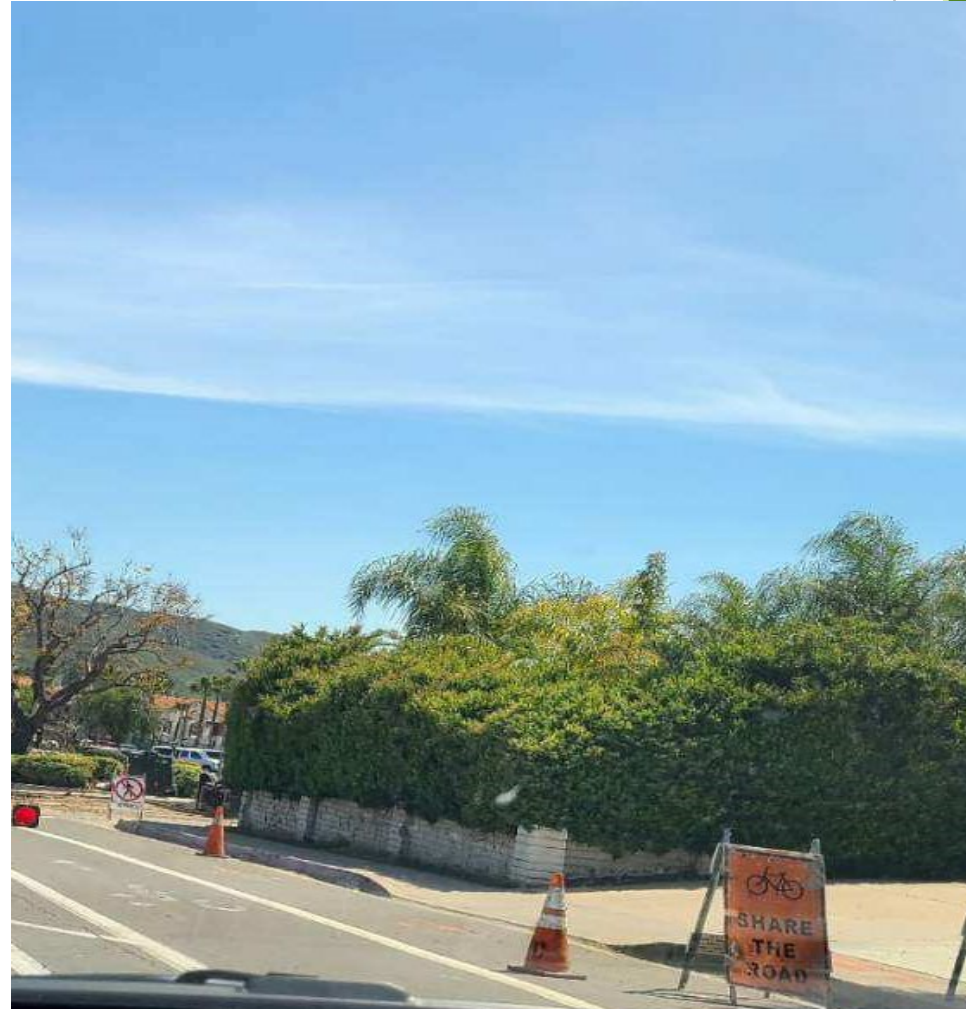
### Comments:

- 1) The intent of the current provisions are to provide specifications for temporary traffic control-related materials and operations.
- 2) Part 6 is similar in content to Section 12 of the Caltrans Standard Specifications and its associated Standard Special Provisions.

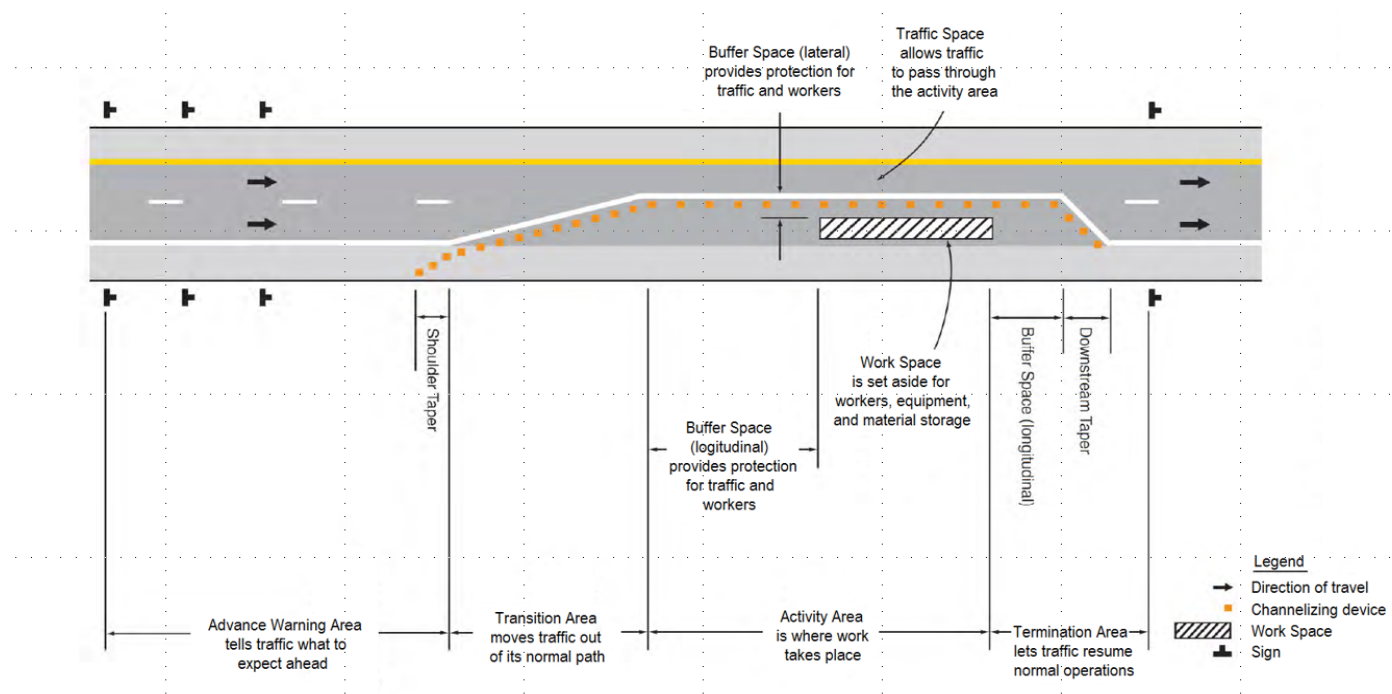


# 601-1 General

1. Total length of traffic control zone shall include buffer spaces, advance signing, striping transitions and work zone.
2. Traffic lane closures shall only be performed between the hours specified in Special Provisions or shown on TCP
3. Hours of darkness used in Special Provisions are defined in Division 1, section 280, of CA Vehicle Code
4. Signage used if bike lanes are closed or terminate
5. Signs shall advise if separated bike traffic will be in vehicular traveled way



# 601-2 Temporary Traffic Control Plan (TCP)



1. TCP graphically show the buffer spaces, lane configuration, lane width dimensions, advance signing, sign dimensions, striping details and transitions
2. TCP drawn to scale 1"=40' on 11"x17" or D Sheet Plans

Typical TCP is shown above

# 601-3 Temporary Traffic Control (TTC) Devices

## 601-3.1 GENERAL

1. Shall conform to NCHRP Report 350 Criteria for TTC crashworthy devices and CA MUTCD

## 601-3.4 Operation and Maintenance

1. The Contractor shall be responsible for operation and maintenance of the TTC zone devices and Services.

### Comment:

1. As the Engineer you should drive the construction site from multiple directions to ensure the TCP is adequate, signs are placed properly etc.
2. If you notice something not safe bring up to the Contractor and/or Traffic Engineer to update/change the TCP to meet the site conditions.
3. Remember the TCP is a working document and you as an Engineer are responsible for the safety of the site.
4. The safety of the public, pedestrians, bicycles and vehicles are important.



## 601-3.5 Signs and Signage

### 601-3.5.1 GENERAL

1. Signage shall include all temporary signs for direction of traffic through or around the work site .... Placement conform of MUTCD and TCP.
2. Temporary “No Parking” and “No Stopping” signs shall be installed at least 24 hours before enforcement ... installed and removed as specified in Special Provisions
3. Payment be made as specified in Special Provisions



## 601-4 Temporary Traffic Striping and Pavement Markings

### 601-4.1 GENERAL

1. Shall consist of one coat of paint and glass beads. Glass beads shall conform to 214-3. Paint shall conform to 214-4.



## 601-5 Traffic Lane Widths and Clearances

### 601-5.1 GENERAL

1. Lanes and clearances shall conform to requirements in special provisions or shown on TCP.

### 601-5.2 LANE WIDTHS AND CLEARANCES

1. Unless otherwise specified or shown on the TCP, temporary traffic lanes shall be at least 10 feet wide.
2. A minimum 12-foot wide traffic lane shall be provided next to curb or vertical drop off.
3. A minimum 18-foot wide lane shall be provided if parking is allowed.
4. Bicycle lanes shall have a clear width of not less than 5 feet.

# 601-6 Covering of Existing Traffic Signs and Signal Faces

## 601-6.1 GENERAL

1. Existing traffic signs and signal faces shall be covered as specified in special provisions or shown on Plans or TCP
2. Covers designed to be installed by hand without use of tools ... encapsulate traffic control device

## 601-6.3.2 Vehicle Heads

1. A minimum of 2 vehicle heads for each phase shall be in operations while work is being performed at an intersection except for approved shut downs.

# *Questions?*



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