

2006 STANDARD PLAN T12

### City of Menlo Park Standard Traffic Control Plan Notes

- 1) This detail only applies to residential streets, where half or less of the travel way is blocked.
- 2) Where travel lane less than 10' wide in each direction of travel remains, use Caltrans Detail T13 (flagman)
- 3) Working Hours: 9am to 4pm
- 4) If construction is impacting the sidewalk, signs indicating pedestrian diversion ahead shall be posted at the nearest crosswalk or intersection.

|       |        |       |                          |           |              |
|-------|--------|-------|--------------------------|-----------|--------------|
| DIST. | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|       |        |       |                          |           |              |

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 Exp. 6-30-06  
 CIVIL  
 STATE OF CALIFORNIA

May 1, 2006  
 PLANS APPROVAL DATE

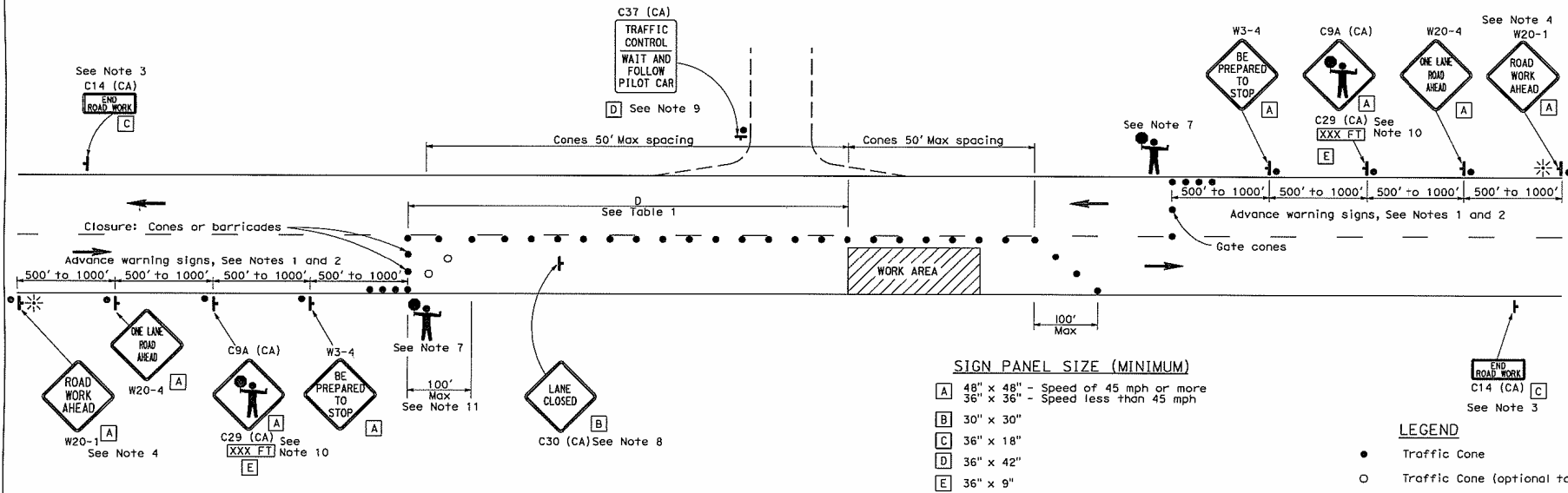
*The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.*

To get to the Caltrans web site, go to: <http://www.dot.ca.gov>

**NOTES:**

Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on orange background. California code are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

**TYPICAL LANE CLOSURE WITH REVERSIBLE CONTROL**



**SIGN PANEL SIZE (MINIMUM)**

|   |   |
|---|---|
| A | 48" x 48" - Speed of 45 mph or more<br>36" x 36" - Speed less than 45 mph |
| B | 30" x 30"   |
| C | 36" x 18"   |
| D | 36" x 42"   |
| E | 36" x 9"  |

- LEGEND**
- Traffic Cone
  - Traffic Cone (optional taper)
  - † Temporary Sign
  - ← Direction of Travel
  - ⚡ Portable Flashing Beacon
  - 👤 Flagger

**NOTES:**

- Where approach speeds are low, advance warning signs may be placed at 300' spacing, and closer in urban areas.
- Each advance warning sign in each direction of travel shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
- A C14 (CA) "END ROAD WORK" sign, as appropriate, shall be placed at the end of the lane control unless the end of work area is obvious, or ends within a larger project's limits.
- If the W20-1 sign would follow within 2000' of a stationary W20-1 or C11 (CA) "ROAD WORK NEXT \_\_\_\_\_ MILES", use a W20-4 sign for the first advance warning sign.
- All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
- Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime closures only.
- Additional advance flaggers may be required. Flagger should stand in a conspicuous place, be visible to approaching traffic as well as approaching vehicles after the first vehicle has stopped. During the hours of darkness, the flagging station and flagger shall be illuminated and clearly visible to approaching traffic. The illumination footprint of the lighting on the ground shall be at least 20' in diameter. Place a minimum of four cones at 50' intervals in advance of flagger station as shown.
- Place C30 (CA) "LANE CLOSED" sign at 500' to 1000' intervals throughout extended work areas. They are optional if the work area is visible from the flagger station.
- When a pilot car is used, place a C37 (CA) "TRAFFIC CONTROL-WAIT AND FOLLOW PILOT CAR" sign at all intersections within traffic control area. Signs shall be clean and visible at all times.
- An optional C29 (CA) sign may be placed below the C9A (CA) sign.
- Traffic cones or barricades may be placed on the optional taper as shown, barricades shall be Type I, II, or III.

**TABLE 1**

| Approach Speed | Minimum D | Downgrade Minimum D * |     |     |
|----------------|-----------|-----------------------|-----|-----|
|                |           | -3%                   | -6% | -9% |
| 25 and below   | 155       | 158                   | 165 | 173 |
| 30             | 200       | 205                   | 215 | 227 |
| 35             | 250       | 257                   | 271 | 287 |
| 40             | 305       | 315                   | 333 | 354 |
| 45             | 360       | 378                   | 400 | 427 |
| 50             | 425       | 446                   | 474 | 507 |
| 55             | 495       | 520                   | 553 | 593 |
| 60             | 570       | 598                   | 638 | 686 |
| 65             | 645       | 682                   | 728 | 785 |

\* Use on sustained downgrade steeper than -3 percent and longer than 1 mile.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL SYSTEM FOR LANE CLOSURE ON TWO LANE CONVENTIONAL HIGHWAYS**

NO SCALE

**T13**

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2006 STANDARD PLAN T13