

See Revised Standard Plan RSP T9 for tables.

Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on fluorescent orange background.

California codes are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

The diagram illustrates a lane closure work zone on a two-lane road. It shows the sequence of signs and their placement relative to the work area and the closed lane.

Signs and Notes:

- W20-1** (Road Work Ahead): SEE NOTES 1 AND 3
- C45(CA)** (Rumble Strips): SEE NOTE 14
- W20-4** (One Lane Road Ahead): SEE NOTE 1
- C29(CA)** (XXX FT): SEE NOTES 1 AND 9
- W3-4** (Be Prepared to Stop): SEE NOTE 1
- C30(CA)** (Lane Closed): SEE NOTE 7
- C37(CA)** (Traffic Control): WAIT AND FOLLOW PILOT CAR
- C9A(CA)** (Rumble Strips): SEE NOTE 14
- W20-4** (One Lane Road Ahead): SEE NOTE 1
- C45(CA)** (Rumble Strips): SEE NOTE 14
- W20-1** (Road Work Ahead): SEE NOTES 1 AND 3

Dimensions and Spacing:

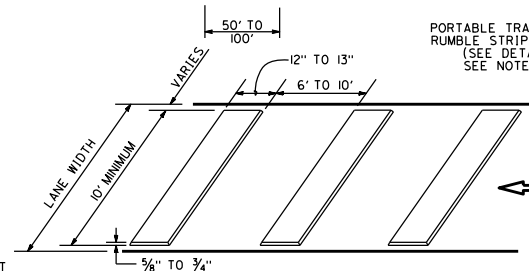
- Advance Warning Sign Distance:** SEE TABLE 3
- Cone Spacing:** SEE TABLE 1, NOTES 4 AND 5
- Gate Cones:** SEE NOTE 6
- Work Area:** SEE NOTE 10
- Portable Transverse Rumble Strip Arrays:** SEE NOTE 14
- Sign Spacing:** SEE NOTE 10
- Sign Dimensions:** 50' TO 100' (for W20-1, W20-4, W3-4, C29(CA), W3-4, C30(CA))
- Sign Dimensions:** 12" TO 13" (for C37(CA))
- Sign Dimensions:** 6' TO 10' (for C9A(CA))
- Sign Dimensions:** VARIES (for C45(CA))

Notes:

- NOTE 1:** SEE NOTE 1
- NOTE 2:** SEE NOTE 2
- NOTE 3:** SEE NOTE 3
- NOTE 4:** SEE NOTE 4
- NOTE 5:** SEE NOTE 5
- NOTE 6:** SEE NOTE 6
- NOTE 7:** SEE NOTE 7
- NOTE 8:** SEE NOTE 8
- NOTE 9:** SEE NOTE 9
- NOTE 10:** SEE NOTE 10
- NOTE 11:** SEE NOTE 11
- NOTE 12:** SEE NOTE 12
- NOTE 13:** SEE NOTE 13
- NOTE 14:** SEE NOTE 14

NOTES:

1. 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.
2. A G20-2 "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.
3. If the W20-1 sign would follow within 2000' of a stationary W20-1 or G20-1 "ROAD WORK NEXT" sign, use a W20-4 sign for the first advance warning sign.
4. All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
5. Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime closures only.
6. Additional advance flaggers may be required. Flagger shall be stationed 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 minimum of four cones at 500' intervals in advance of flagger station as shown.
7. 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.
8. When a pilot car is used, place a C37(CA) "TRAFFIC CONTROL-WAIT AND FOLLOW PILOT CAR" sign with black legend on white background at all intersections, driveways and alleys without a flagger within traffic control area. Signs shall be clean and visible at all times. Where traffic can not be effectively self-regulated, at least one pilot car shall be used at each intersection within traffic control area.
9. An optional C29(CA) sign may be placed below the C9A(CA) sign.
10. Either traffic cones or barricades shall be placed on the taper. Barricades shall be Type I, II, or III.
11. The color of the portable transverse rumble strips shall be black or orange. Use 2 arrays, each array shall consist of 3 rumble strips.
12. Portable transverse rumble strips shall not be placed on sharp horizontal or vertical curves nor shall they be placed through pedestrian crossings.
13. If the portable transverse rumble strips become out of alignment (skewed by more than 6 inches, measured from one end to the other, they shall be readjusted to bring the placement back to the original location).
14. Portable transverse rumble strips are not required if any one of the following conditions is satisfied:
 - A. Work duration occupies a location for four hours or less
 - B. Posted speed limit is below 45 MPH
 - C. Work is of emergency nature
 - D. Work zone is in snow or icy weather conditions



PORTABLE TRANSVERSE RUMBLE STRIP ARRAY DETAIL

SIGN PANEL SIZE (Min)

☐ A 48" x 48"

☐ B 30" x 30"

☐ C 36" x 18"

☐ D 36" x 42"

☐ E 20" x 7"

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM FOR LANE CLOSURE ON TWO LANE CONVENTIONAL HIGHWAYS

NO SCALE

RSP T13 DATED OCTOBER 17, 2014 SUPERSEDES RSP T13 DATED JULY 18, 2014
AND RSP T13 DATED APRIL 19, 2013 AND STANDARD PLAN T13 DATED
MAY 20, 2011 - PAGE 241 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP T13