

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

May 20, 2011
PLANS APPROVAL DATE

Gordon Wang
No. C63597
Exp. 9-30-12
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

TYPICAL SHOULDER CLOSURE

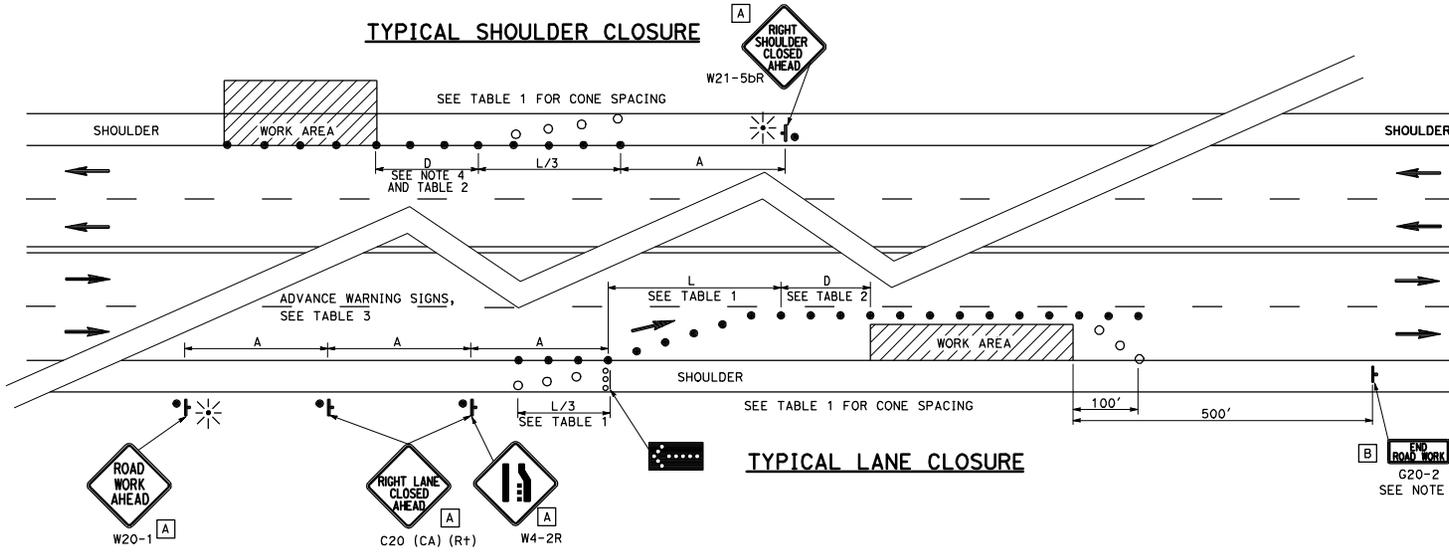


TABLE 1

APPROACH SPEED	* Min L	* Min L/3	Max SPACING OF CONES
mph	ft	ft	ft
20 AND BELOW	80	30	20
25	125	45	25
30	180	60	30
35	245	85	35
40	320	110	40
45	540	180	45
50	600	200	50
OVER 50	SEE NOTE 3		
* USE L FOR LANE WIDTHS LESS THAN OR EQUAL TO 12'.			

TABLE 2

APPROACH SPEED	Min D	DOWNGRADE Min D *		
		-3%	-6%	-9%
mph	ft	ft	ft	ft
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
OVER 50	SEE NOTE 3			
* USE ON SUSTAINED DOWNGRADE STEEPER THAN -3 PERCENT AND LONGER THAN 1 MILE.				

TABLE 3

DISTANCE BETWEEN SIGNS	
ROAD TYPE	Min A (ft)
URBAN (SPEED 25 mph OR LESS)	100
URBAN (SPEED 30 mph OR MORE)	350
RURAL	500
EXPRESSWAY / FREEWAY	SEE NOTE 3

LEGEND

- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- ⊥ TEMPORARY SIGN
- ← DIRECTION OF TRAVEL
- ⚡ FLASHING ARROW SIGN (FAS)
- ⚡ FAS SUPPORT OR TRAILER
- ☀ PORTABLE FLASHING BEACON

SIGN PANEL SIZE (Min)

- A 36" x 36"
- B 36" x 18"

NOTES:

- California code are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.
- A G20-2 "END ROAD WORK" sign, as appropriate, shall be placed at the end of the lane closure unless the end of work area is obvious, or ends within a larger project's limits.
- For approach speeds over 50 mph, use the "Traffic Control System for Lane Closure On Freeways And Expressways" plan for lane closure details and requirements.
- D is longitudinal buffer space and is optional only when work area is beyond the shoulder or clear recovery zone where there is no shoulder.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

T11