

TYPICAL APPLICATION 1

TABLE 1
TYPICAL LETTER CODES

ROAD TYPE	DISTANCE
	A
LOW SPEED LOCAL (<30 MPH)	100
HIGH SPEED LOCAL (30 MPH +)	350
COLLECTOR	500
ARTERIAL	1000

* SPEED CATEGORY TO BE DETERMINED BY CITY
 ** DISTANCES ARE SHOWN IN FEET. THE COLUMN HEADING A, RESPECTIVELY REPRESENTS, THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN.



CITY OF ATASCADERO STANDARD DRAWING

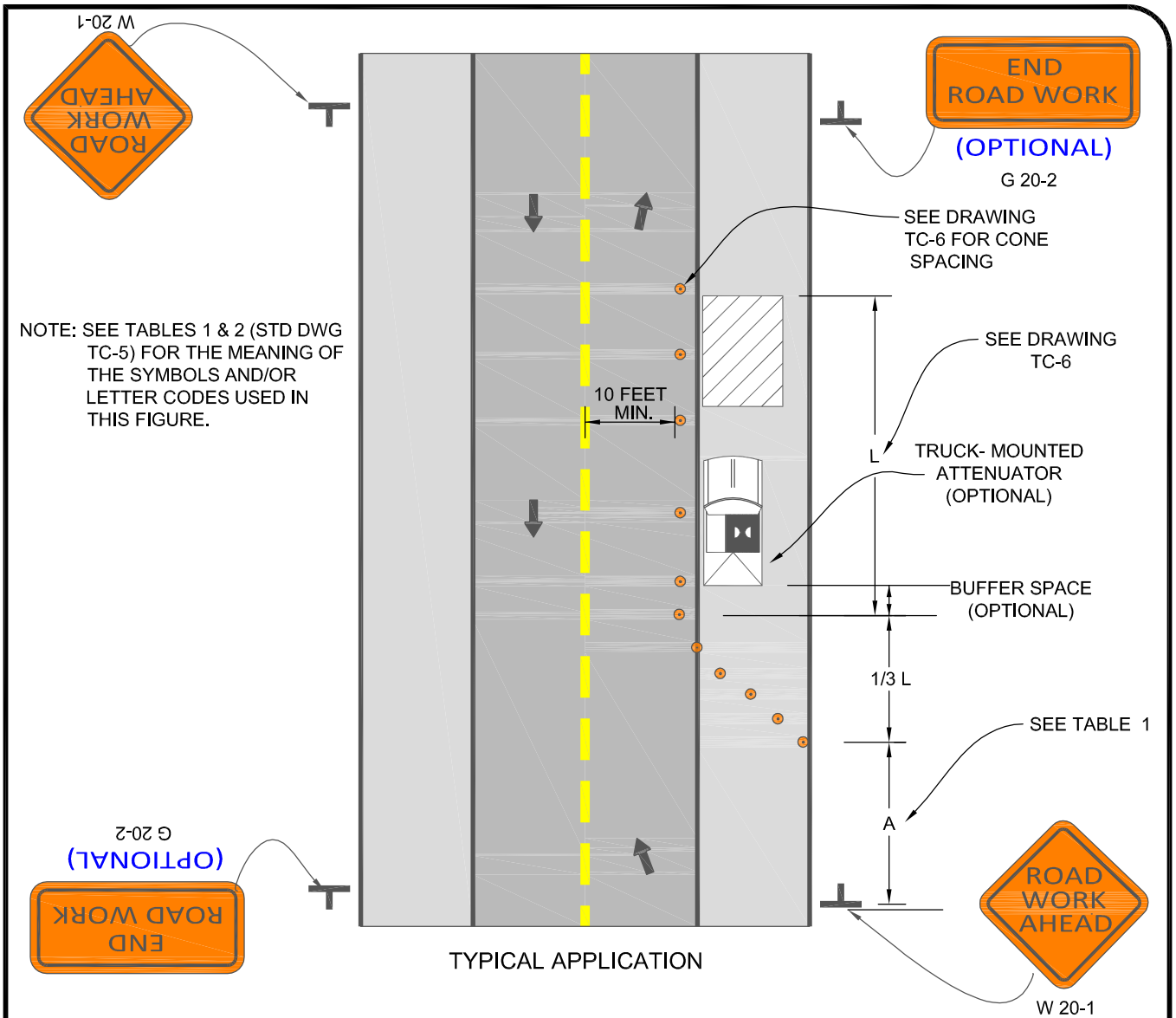
DESCRIPTION: TRAFFIC CONTROL-WORK BEYOND THE SHOULDER

APPROVAL:	DATE: 11/2/2011	REVISIONS	BY	APP	DATE
RUSSELL S. THOMPSON	R.C.E. C43069 EXP. 3/31/12				
DRAWN BY: SGB	DATE DRAWN: 10/26/11				

DRAWING NO.

TC-1

SCALE: N.T.S.



TYPICAL APPLICATION

TABLE 1
TYPICAL LETTER CODES

ROAD TYPE	DISTANCE
	A
LOW SPEED (<30 MPH)	100
HIGH SPEED LOCAL (30 MPH +)	350
COLLECTOR	500
ARTERIAL	1000

* SPEED CATEGORY TO BE DETERMINED BY CITY
 ** DISTANCES ARE SHOWN IN FEET. THE COLUMN HEADING A, RESPECTIVELY REPRESENTS, THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN.



CITY OF ATASCADERO STANDARD DRAWING

DESCRIPTION: SHOULDER WORK WITH MINOR ENCROACHMENT

APPROVAL:	DATE: 11/2/2011	REVISIONS	BY	APP	DATE
RUSSELL S. THOMPSON R.C.E. C43069 EXP. 3/31/12					
DRAWN BY: SGB	DATE DRAWN: 10/26/11				

DRAWING NO.

TC-2

SCALE: N.T.S.

NOTE: 1. SEE TABLES 1 & 2 (STD DWG TC-5) FOR THE MEANING OF THE SYMBOLS AND/OR LETTER CODES USED IN THIS FIGURE.
 2. SEE TABLES 3 & 4 (STD DWG TC-3A) FOR BUFFER SPACE TO DETERMINE LOCATION OF FLAGGER STATIONS

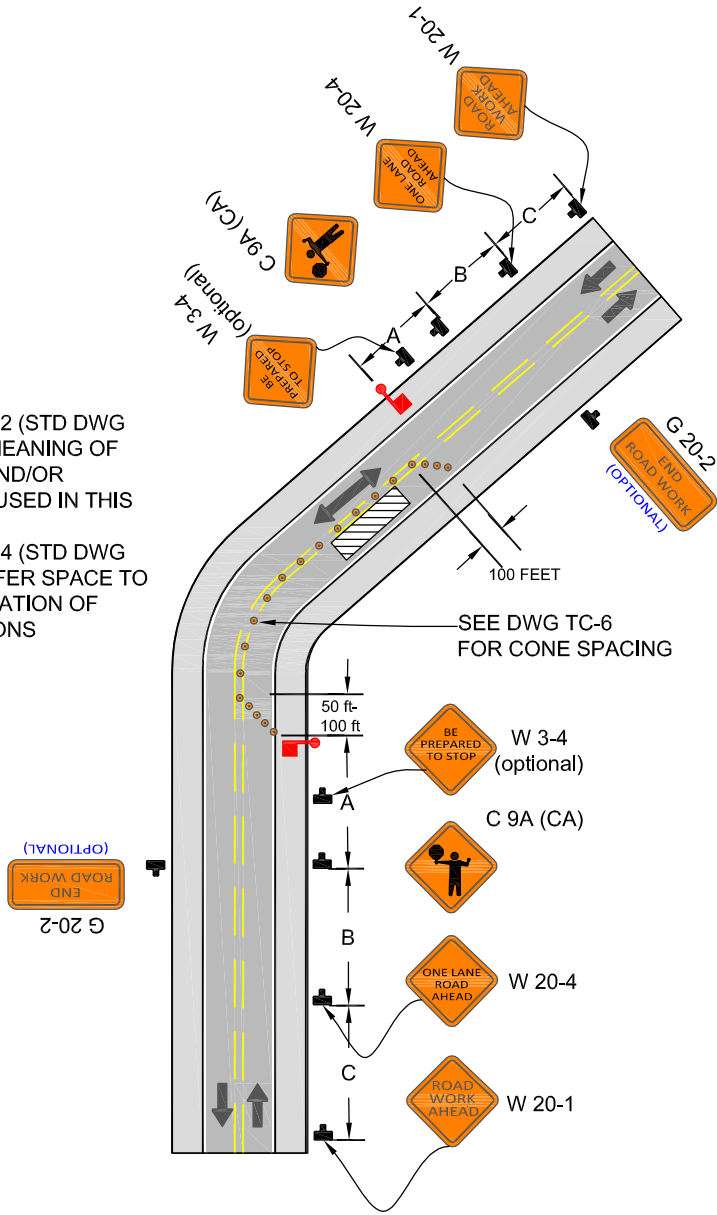


TABLE 1- TYPICAL LETTER CODES

* SPEED CATEGORY TO BE DETERMINED BY CITY.
 ** DISTANCES ARE SHOWN IN FEET. THE COLUMN HEADING A, B, & C RESPECTIVELY REPRESENT, THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN, THE DISTANCE BETWEEN THE 1ST AND 2ND SIGNS, AND THE DISTANCE BETWEEN THE 2ND AND 3RD SIGNS.



CITY OF ATASCADERO STANDARD DRAWING						
DESCRIPTION: LANE CLOSURE ON 2 LANE ROAD USING FLAGGERS						
APPROVAL:	DATE: 11/2/2011	REVISIONS	BY	APP	DATE	
RUSSELL S. THOMPSON R.C.E. C43069 EXP. 3/31/12						
DRAWN BY: SGB	DATE DRAWN: 10/26/11					

DRAWING NO.
TC-3
SCALE: N.T.S.

TABLE 3 STOPPING SIGHT DISTANCE AS A FUNCTION OF SPEED

Speed* (mph)	Distance (ft)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

* POSTED SPEED, OFF PEAK 85TH- PERCENTILE SPEED PRIOR TO WORK STARTING OR THE ANTICIPATED OPERATING SPEED

TABLE 4 LONGITUDINAL BUFFER SPACE ON DOWNGRADES*

Speed (mph)	% Downgrade (Buffer Space)		
	-3%	-6%	-9%
	(ft)	(ft)	(ft)
20	116	120	126
25	158	165	173
30	205	215	227
35	257	271	287
40	315	333	354
45	378	400	427
50	446	474	507
55	520	553	593
60	598	638	686
65	682	728	785
70	771	825	891



CITY OF ATASCADERO STANDARD DRAWING

DESCRIPTION:
STOPING SIGHT DISTANCE AND BUFFER SPACE TABLES

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DRAWING NO.

TC-3A

SCALE: N.T.S.

NOTE: USED ONLY WHEN ALLOWED BY CITY ENGINEER.

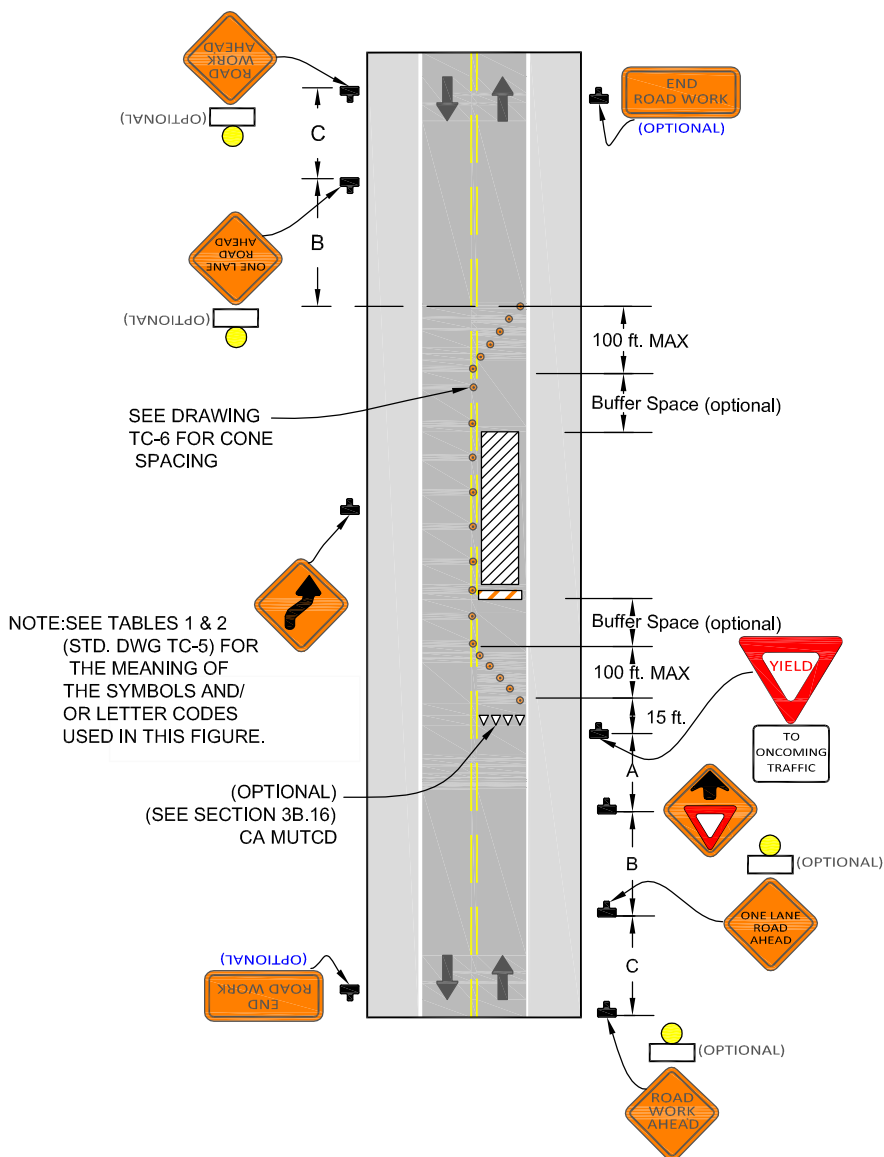


TABLE 1- TYPICAL LETTER CODES

ROAD TYPE	DISTANCE		
	A	B	C
LOW SPEED LOCAL (<30 MPH)	100	100	100
HIGH SPEED LOCAL (30 MPH +)	350	350	350
COLLECTOR	500	500	500
ARTERIAL	1000	1500	2640

* SPEED CATEGORY TO BE DETERMINED BY CITY.
 ** DISTANCES ARE SHOWN IN FEET. THE COLUMN HEADING A, B, & C RESPECTIVELY REPRESENT, THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN, THE DISTANCE BETWEEN THE 1ST AND 2ND SIGNS, AND THE DISTANCE BETWEEN THE 2ND AND 3RD SIGNS.



CITY OF ATASCADERO STANDARD DRAWING

DESCRIPTION: LANE CLOSURE ON A LOW TRAFFIC 2 LANE ROAD






















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DRAWING NO.

TC-4

SCALE: N.T.S.

TABLE 2 MEANING OF SYMBOLS ON TYPICAL APPLICATION DIAGRAMS

	Arrow panel
	Arrow panel support or trailer (shown facing down)
	Changeable message sign or support trailer
	Channelizing device
	Crash Cushion
	Direction of temporary traffic detour
	Direction of traffic
	Flagger
	High level warning device (Flag tree)
	Luminaire
	Pavement markings that should be removed for a long term project
	Sign (shown facing left)
	Surveyor
	Temporary barrier
	Temporary barrier with warning lights
	Traffic or Pedestrian signal
	Truck mounted attenuator
	Type III Barricade
	Warning lights
	Work space
	Work vehicle



CITY OF ATASCADERO STANDARD DRAWING

DESCRIPTION:		SYMBOL LEGEND			
APPROVAL:	DATE: 11/2/2011				
RUSSELL S. THOMPSON R.C.E. C43069 EXP. 3/31/12		REVISIONS	BY	APP	DATE
DRAWN BY: SGB DATE DRAWN: 10/26/11					

DRAWING NO.

TC-5

SCALE: N.T.S.



CITY OF ATASCADERO STANDARD DRAWING

DRAWING NO.

DESCRIPTION: DEVICE SPACING TABLE				
APPROVAL:	DATE: 11/30/2011	REVISIONS	BY	APP
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DRAWN BY: SGB	DATE DRAWN: 11/30/11			

TC-6

SCALE: N.T.S.

Posted Speed	Formula	Buffer Space (ft)	Minimum Taper Lengths												Maximum *Cone Spacing (ft)	Sign Spacing
			10' Offset				11' Offset				12' Offset					
			L	1/2 L	1/3 L	Shoulder	Merge	L	1/2 L	1/3 L	Shoulder	Merge	L	1/2 L		
25		155	52'	26'	35'	38'	57'	38'	57'	38'	57'	63'	42'	25	100' to 200'	
30	$L = \frac{WS^2}{60}$	200	75'	50'	50'	55'	83'	55'	83'	55'	83'	90'	60'	30	120' to 240'	
35		250	102'	68'	68'	112'	112'	112'	112'	112'	112'	123'	82'	35	140' to 280'	
40		305	133'	89'	89'	147'	147'	147'	147'	147'	147'	160'	107'	40	160' to 320'	
45		360	225'	150'	150'	248'	248'	248'	248'	248'	248'	270'	180'	45	350' to 500'	
50		425	250'	167'	167'	275'	275'	275'	275'	275'	275'	300'	200'	50	525' Max.	
55	$L = WS$	495	275'	183'	183'	303'	303'	303'	303'	303'	303'	330'	220'	50	550' Max.	
60		570	300'	200'	200'	330'	330'	330'	330'	330'	330'	360'	240'	50	575' Max.	
65		645	325'	217'	217'	358'	358'	358'	358'	358'	358'	390'	260'	50	600' Max.	
70		730	350'	233'	233'	385'	385'	385'	385'	385'	385'	420'	280'	50	650' Max.	

LOW SPEED IS 40 MPH & LESS
 HIGH SPEED IS 45 MPH & ABOVE
 BOTH ARE BASED UPON:
 1.) 85th % TILE OR IF NOT AVAILABLE, THEN USE
 2.) POSTED SPEED LIMIT (PSL)

L = TAPER LENGTH
 S = SPEED
 W = WIDTH (OFFSET FROM PATH OF TRAVEL)

* CONES SHOWN ON TEMPLATES ARE ILLUSTRATION PURPOSES ONLY. EXACT NUMBER OF CONES REQUIRED SHALL BE BASED ON CONE SPACING, TAPER LENGTHS, ACTUAL FIELD CONDITIONS, ECT...