



**CONTRACTOR TO ACTIVATE CMS
BOARDS 10 DAYS IN ADVANCE TO
NOTIFY OF UPCOMING MAJOR
TRAFFIC DELAY AND USE OF
ALTERNATIVE ROUTES**

Speed (mph)	Maximum Channelizing Devices Spacing		
	Taper* (feet)	Tangent (feet)	Conflict** (feet)
20	25	45	10
25	25	50	12
30	30	60	15
35	35	70	17
40	40	80	20
45	45	90	22
50	50	100	25
55	50	100	25
60	50	100	25
65	50	100	25
70	50	100	25
75	50	100	25

Table 6C-3(CA). Taper Length Criteria for Temporary Traffic Control Zones
(for 12 feet Offset Width)

Speed ^S (mph)	Minimum Taper Length ^W for Width of Offset 12 inch (W)			
	Merging L/3 (feet)	Shifting L/2 (feet)	Shoulder L/3 (feet)	Down Stream (feet)
20	80	40	27	50
25	125	63	42	50
30	180	90	60	50
35	245	123	82	50
40	320	160	107	50
45	540	270	180	50
50	600	300	200	50
55	660	330	220	50
60	720	360	240	50
65	780	390	260	50
70	840	420	280	50
75	900	450	300	50

*** - Maximum downstream taper length is 100 feet. See Section 6C.08.

Table 6C-1. Recommended Advance Warning Sign ~~Minimum~~ Spacing

Road Type	Distance Between Signs**		
	A	B	C
Urban less than 25 mph 25 mph or less***	100 feet	100 feet	100 feet
Urban - more than 25 mph to 40 mph***	250 feet	250 feet	250 feet
Urban 40 mph or more more than 40 mph***	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* [Speed and acceleration data collected by the data acquisition system](#)

