

POSTED SPEED (MPH)	FORMULA (1)	BUFFER SPACE	MINIMUM TAPER LENGTHS												MAX. DELINEATOR SPACING, TAPER (2)	MAX. DELINEATOR SPACING, TANGENT (2)	MIN. SIGN SPACING (3)
			w = 10' (OFFSET)			w = 11' (OFFSET)			w = 12' (OFFSET)								
			L	$\frac{1}{2}$ L	$\frac{1}{3}$ L	L	$\frac{1}{2}$ L	$\frac{1}{3}$ L	L	$\frac{1}{2}$ L	$\frac{1}{3}$ L						
20			MERGE	SHIFT	SHOULDER	MERGE	SHIFT	SHOULDER	MERGE	SHIFT	SHOULDER						
25		115'	70'	35'	25'	75'	40'	25'	80'	40'	30'	20'	40'	100'			
30	L=WS <sup>2</sup>	155'	105'	55'	35'	115'	60'	40'	125'	65'	45'	25'	50'	100'			
35	L=WS <sup>2</sup> 60	200'	150'	75'	50'	165'	85'	55'	180'	90'	60'	30'	60'	100'			
40		250'	205'	105'	70'	225'	115'	75'	245'	125'	85'	35'	70'	100'			
45		305'	270'	135'	90'	295'	150'	100'	320'	160'	110'	40'	80'	350'			
50	L=WS	360'	450'	225'	150'	495'	250'	165'	540'	270'	180'	45'	90'	350'			
55		425'	500'	250'	170'	550'	275'	185'	600'	300'	200'	50'	100'	500'			
		495'	550'	275'	185'	605'	305'	205'	660'	330'	220'	50'	100'	500'			

**NOTES**

LOW SPEED - POSTED SPEED LIMIT OF 40 MPH AND BELOW  
 HIGH SPEED - POSTED SPEED LIMIT OF 45 MPH AND ABOVE

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

- (1) FOR OFFSETS (W) THAT DIFFER FROM THOSE SHOWN, CALCULATE "L" USING THE GIVEN FORMULA FOR THE POSTED SPEED LIMIT.
- (2) DELINEATORS SHOWN ON TEMPLATES ARE FOR ILLUSTRATION ONLY. THE EXACT NUMBER OF DEVICES NECESSARY SHALL BE BASED OFF OF REQUIREMENTS PRESENTED IN THE ABOVE TABLE AND ACTUAL FIELD CONDITIONS.
- (3) ON RURAL ROADWAYS, USE A MIN. 500' ADVANCE WARNING SIGN SPACING REGARDLESS OF THE POSTED SPEED LIMIT.

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	4/13	JES	Minor modifications to table dimensions
2			
3			
4			

SIGNATURES	
Soilist Date: 6/29/12	Drawn By: Johnnie Seak
File: TC-02-080	Design By: Johnnie Seak
	Approved By: Russ Open

TYPICAL TRAFFIC CONTROL PLANS	
Device Spacing Table	

STANDARD DETAIL NO.	
TC-02	

