

**TABLE 1  
CHANNELIZING DEVICE SPACING**

Work Zone Speed (mph)	Maximum Spacing (feet)			
	Cones or Temporary Tubular Markers		Type I Barricades, Type II Barricades, Vertical Panels, or Drums	
	Taper	Tangent	Taper	Tangent
≤ 45	25	50	25	50
≥ 50	25	50	50	100

**TABLE 2  
TAPER LENGTH**

Work Zone Speed (mph)		Minimum Length (Feet)													
≤ 40		$L = (WS^2)/60$													
≥ 45		$L = WS$													
Example "L" Values															
S (mph)	W (Width of Offset in Feet)														
	4			5		8			10			12			
				L/2	L/3	L	L/2	L/3	L	L/2	L/3	L	L/2	L/3	
25				2	26	17	83	42	28	104	52	35	125	63	42
30				5	38	25	120	60	40	150	75	50	180	90	60
35				12	51	34	163	82	54	204	102	68	245	123	82
40				33	67	44	213	107	71	267	133	89	320	160	107
45	107	55	50	133	67	44	213	107	71	267	133	89	320	160	107
50	135	68	45	225	113	75	360	180	120	450	225	150	540	270	180
55	167	83	56	250	125	83	400	200	133	500	250	167	600	300	200
60	202	101	67	275	138	92	440	220	147	550	275	183	660	330	220
65	240	120	80	300	150	100	480	240	160	600	300	200	720	360	240
70	282	141	94	325	163	108	520	260	173	650	325	217	780	390	260
75	327	163	109	350	175	117	560	280	187	700	350	233	840	420	280

**Corrected Table 2 - Changed 4ft width example "L" values for 45mph and greater.**

*NOTE: Unless otherwise shown: Use L for merging tapers  
Use L/2 for shifting tapers  
Use L/3 for shoulder tapers*

**TABLE 3  
WORK ZONE SIGN SPACING "X"**

Road Type	Minimum Spacing (feet)
Arterials and Collectors with Work Zone Speed ≤ 40 mph	200
Arterials and Collectors with Work Zone Speed ≥ 45 mph	500
Limited Access Roadways (See Note)	1,500

**NOTE:**  
For Limited access roadways with work zone speed ≤ 55 mph, the minimum spacing may be reduced in accordance with the MUTCD and as approved by the Engineer.

**TABLE 4  
BUFFER LENGTH "B"**

Work Zone Speed (mph)	Minimum Length (feet)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730

**NOTE:**  
When Buffer Length "B" cannot be attained due to geometric constraints, use the greatest length possible, but not less than 155 feet.