



**SHOULDER TAPER TABLE**

SPEED LIMIT(S)	WORK ZONE AREA		LENGTH (FEET) ALL LANE WIDTHS				
			8	9	10	11	12
20	ADV. DIST. TAPER BUFFER	A	1,135	1,140	1,150	1,150	1,160
		B	20	20	25	25	30
25	ADV. DIST. TAPER BUFFER	A	1,170	1,170	1,170	1,180	1,185
		B	30	30	35	40	40
30	ADV. DIST. TAPER BUFFER	A	1,220	1,225	1,225	1,230	1,230
		B	40	45	50	55	60
35	ADV. DIST. TAPER BUFFER	A	1,255	1,260	1,265	1,270	1,275
		B	55	60	70	75	80
40	ADV. DIST. TAPER BUFFER	A	1,320	1,325	1,330	1,330	1,335
		B	70	80	90	100	105
45	ADV. DIST. TAPER BUFFER	A	1,435	1,445	1,450	1,460	1,480
		B	120	135	150	165	180
50	ADV. DIST. TAPER BUFFER	A	1,420	1,175	1,485	1,500	1,520
		B	135	150	165	185	200
55	ADV. DIST. TAPER BUFFER	A	1,525	1,535	1,545	1,555	1,560
		B	150	165	185	200	220

**NOTES:**

- 1 - A SHOULDER TAPER IS USED WHEN WORK IS PERFORMED ON AN IMPROVED (PAVED) SHOULDER EIGHT METERS OR MORE IN WIDTH.
- 2 - FOR SHOULDER TAPERS, DEVICES SHOULD BE SPACED AT A MAXIMUM DISTANCE OF THE SPEED LIMIT IN FEET.
- 3 - FOR THE WORK AND BUFFER SPACE, DEVICES SHALL BE SPACED AT A DISTANCE OF TWICE THE SPEED LIMIT IN FEET.

**GENERAL NOTE:**

THE DESIGN OF SIGN PLATES SHALL BE IN ACCORDANCE WITH THE "MANUAL DE SENALES DE TRANSITO PARA LAS VIAS PUBLICAS DE PUERTO RICO" AND THE STANDARD DWGS. MPT 21 AND 22

**LANE SHIFT TAPER TABLE**

SPEED LIMIT(S)	WORK ZONE AREA		LENGTH (FEET) ALL LANE WIDTHS		
			10	11	12
20	ADV. DIST. TAPER BUFFER	A	1,155	1,160	1,180
		B	35	40	40
25	ADV. DIST. TAPER BUFFER	A	1,180	1,190	1,195
		B	55	80	65
30	ADV. DIST. TAPER BUFFER	A	1,240	1,245	1,245
		B	75	85	90
35	ADV. DIST. TAPER BUFFER	A	1,280	1,290	1,295
		B	105	115	125
40	ADV. DIST. TAPER BUFFER	A	1,355	1,355	1,360
		B	135	150	160
45	ADV. DIST. TAPER BUFFER	A	1,490	1,505	1,525
		B	225	250	270
50	ADV. DIST. TAPER BUFFER	A	1,525	1,545	1,570
		B	250	275	300
55	ADV. DIST. TAPER BUFFER	A	1,590	1,605	1,615
		B	275	305	330

**MULTILANE LANE SHIFT**

**NOTES:**

- 1 - FOR FREEWAYS OR EXPRESSWAYS, CONSULT THE MUTCD.
- 2 - FOR THE LANE SHIFT TAPERS, DEVICES SHOULD BE SPACED AT A MAXIMUM DISTANCE OF THE SPEED LIMIT IN FEET.
- 3 - FOR THE WORK AND BUFFER SPACE, DEVICES SHALL BE SPACED AT A DISTANCE OF TWICE THE SPEED LIMIT IN FEET.

EFFECTIVE DATE: APRIL 1996

COMMONWEALTH OF PUERTO RICO  
 DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS  
 HIGHWAY AND TRANSPORTATION AUTHORITY

RECOMMENDED BY: *[Signature]*  
 DESIGN AREA DIRECTOR  
 DATE: *11/26*

APPROVED BY: *[Signature]*  
 EXECUTIVE DIRECTOR  
 DATE: *11/26*

APPROVED BY: *[Signature]*  
 DIV. ADM. FHWA-PR DIVISION  
 DATE: *5/17/96*

DATE	REVISION	BY

STD. MPT  
 DWG. 12 OF 22