STATE	PROJECT	SHEET NUMBER

LENGTH AND SPACING TABLE								
APPROACH	MINIMUM TAPER LENGTH	BUFFER SPACE	CHANNELIZING DEVICE					
SPEED*	MINIMON TAFEK LENGTT	LENGTH	TAPER	BUFFER				
MPH	FEET	FEET	AREA	SPACE	SPACE			
7.11.11	TEET	ILLI	SPACING IN FEET					
20	Shifting taper formula:	115	20	40	40			
25	$L = \frac{WS^2}{120}  \text{for } S \le 40 \text{ MPH}$	155	25	50	50			
30	$L = \frac{120}{120}  \text{101 S} \leq 40 \text{ MPH}$	200	30	60	60			
35	$L = \frac{WS}{2}  \text{for } S \ge 45 \text{ MPH}$	250	35	70	70			
40	$\frac{1}{2} = \frac{1075245 \text{ MPH}}{2}$	305	40	80	80			
45	Where:	360	45	90	90			
50	L = Minimum length of taper	425	50	100	100			
55	W = Width of offset in feet	495	55	110	110			
60	S = Numerical value of posted speed	570	60	120	120			
65	limit or 85 percentile speed prior	645	65	130	130			
70	to work in miles per hour	730	70	140	140			

*	Approach speed bas	sed on the regulatory	posted speed, no	ot the advisory speed.
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SICN SPACING TABLE						
SIGN SPACING TABLE						
DISTANCE BETWEEN SIGNS IN FEET						
Α	В	С				
100	100	100				
350	350	350				
500	500	500				
1000	1500	2640				
	DISTA SIG A 100 350 500	DISTANCE BET SIGNS IN FE A B 100 100 350 350 500 500				

## NOTE:

- 1. Signs are shown for one direction of travel only. Place devices similar to those depicted for the opposite direction of travel.
- 2. Final location and spacing of signs and devices may be changed to fit field conditions as approved by the CO.
- 3. For project specific minimum width, refer to Special Contract Requirements, Section 156.
- 4. If the roadway surface is paved, install temporary pavement markings. If nearest no-passing zone is within 400', extend markings to connect zones.
- 5. If closure is completely within the project limits, eliminate the "ROAD WORK AHEAD" (W20-1) and "END ROAD WORK" (G20-2) signs.
- 6. Install "PASS WITH CARE" sign (R4-2) at ends of no-passing zone if directed by the CO.
- 7. Do not allow equipment, materials, or vehicles to be parked or stored in the buffer space.

