

Typical Traffic Control
Right Lane Closure Operation on a Three-Lane Roadway
(Figure TTC-22.1)

NOTES

Guidance:

1. The distance between signs and beginning of channelizing device transition should be a minimum of 500' and a maximum of 800'.
2. The buffer space length should be as shown in Table 6H-3 on Page 6H-5 for the posted speed limit.
3. For locations with a high volume of left turning movements, the graphic NO LEFT TURN (R3-2) signs should be used within the closed lane.

Option:

4. Where Right-of-Way or geometric conditions prevent use of 48" x 48" signs, 36" x 36" signs may be used.

Standard:

5. Taper length (L) and channelizing device spacing shall be :

Taper Length (L)				
Speed Limit (mph)	Lane Width (Feet)			
	9	10	11 ¹	12
25	95	105	115	125
30	135	150	165	180
35	185	205	225	245
40	240	270	295	320
45	405	450	495	540
50	450	500	550	600
55	495	550	605	660
60	540	600	660	720
65	585	650	715	780
70	630	700	770	840
Minimum taper lengths for Limited Access highways shall be 1000 feet.				
Shoulder Taper = $\frac{1}{3}$ L Minimum				

Channelizing Device Spacing		
Location	Speed Limit (mph)	
	0 - 35	36 +
Transition Spacing	20'	40'
Travelway Spacing	40'	80'
Construction Access*	80'	120'
* Spacing may be increased to this distance, but shall not exceed one access per $\frac{1}{4}$ mile.		

On roadways with paved shoulders having a width of 8 feet or more, channelizing devices shall be used to close the shoulder in advance of the merging taper to direct vehicular traffic to remain within the traveled way.

6. To prevent vehicles from entering into the buffer and activity areas¹, channelizing device spacing shall be a maximum of 20' on center.
7. A shadow vehicle with either a Type B or C arrow board operating in the caution mode, or at least one rotating amber light or high intensity amber flashing or oscillating¹ light shall be parked 80'-120' in advance of the work crew in both directions of travel. If multiple lanes are present (four or more lanes, excluding the center turn lane) and the posted speed limit is 45 mph or greater, the vehicles shall be equipped with a truck-mounted attenuator (TMA).
8. When a side road intersects the highway within the temporary traffic control zone, additional traffic control devices shall be placed as needed.
9. For long-term work zones existing conflicting pavement markings and markers shall be removed and temporary pavement markings and markers shall be installed per Figure TTC-60.

Guidance:

10. When channelizing devices have the potential of leading vehicular traffic out of the intended traffic space, the channelizing devices should be extended a distance with 4 additional channelizing devices beyond the downstream end of the transition area as depicted.¹

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