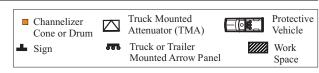
## Lane Closure on Multi-Lane Undivided Highways

SIGN SPA	CING (ft.)	TAPER	LENGTH (ft.)	OPTIONAL	CHANNELIZER SPACING (ft.)		
Undivided (S)	Divided (S)	Shoulder <sup>I</sup> (T1)	Lane <sup>2</sup> (T2)	BUFFER LENGTH (ft.) (B)	Tapers	Buffer/ Work Areas	
200	-	-	245	120	35	50	
350	-	-	540	220	40	100	
500	-	-	660	335	50	100	
1000	-	-	840	550	60	100	
	Undivided (S)  200  350  500	(S) (S)  200 -  350 -  500 -	Undivided (S)         Divided (S)         Shoulder (T1)           200         -         -           350         -         -           500         -         -	Undivided (S)         Divided (S)         Shoulder (T1)         Lane (T2)           200         -         -         245           350         -         -         540           500         -         -         660	Undivided (S)         Divided (S)         Shoulder (T1)         Lane (T2)         BUFFER LENGTH (ft.) (B)           200         -         -         245         120           350         -         -         540         220           500         -         -         660         335	Undivided (S)         Divided (S)         Shoulder (T1)         Lane (T2)         BUFFER LENGTH (ft.) (B)         Tapers           200         -         -         245         120         35           350         -         -         540         220         40           500         -         -         660         335         50	

1 Chaulder tener length	based on 10 ft (atom	dard shoulder width) offset	

	2 Lane taper	length based	on 12 ft.	(standard	lane width	offset
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TYPE ROADWAY	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' Portable 7' Post	1 Mi.
RURAL UNDIVIDED	1' Portable 5' Post	3 Mi.



## Notes:

A protective vehicle shall be used while work is in progress. The protective vehicle should be equipped with a TMA and flashing arrow panel and positioned at least 150 ft. in advance of the work space. The protective vehicle may be eliminated if the roadway is posted at 45 mph or below, the work vehicle is positioned in advance of the work space, and the work vehicle uses activated rotating lights or strobe lights.

The closure of the adjacent interior lane in the opposing direction may not be necessary, depending upon the activity being performed and the work space needed for the operation.

If physical barriers exist (i.e. guardrail, guard cable, concrete barrier or raised median) between opposing directions of traffic, refer to TA-12.

For short duration operations, signs and channelizers may be reduced or eliminated.

For mobile operations where workers are on foot and move with the operation, channelizers may be reduced or eliminated.

Additional warning signs **shall** be erected at each intersection with another state highway within the work zone. Upon the discretion of the supervisor, additional warning signs may be erected at other intersections within the work zone.

