

Road Type	Posted Speed (MPH)	Minimum Taper Length		Length of Buffer	Minimum Sign Spacing, ft				Channelizing Spacing, ft	
		12 ft Lane Closure	20 ft Lane Closure		A	B	C	D	Taper Tangent	
Conventional	30 and lower	180	200	100	100	100	100	30	60	
	35	245	250	350	350	350	175	35	70	
	40	320	305					40	80	
	45	540	360					45	90	
	50	600	425					50	100	
	55	660	495					55	110	
	60	720	570					60	120	
Freeway/Expressway	65	780	645					65	120	
	70	840	730					70	120	
	75	900	820					75	120	
	80	960	910					80	120	

Spacing Charts Based on UDOT/MUTCD
Must be Approved by an Engineer
 Taper Formula: $L = S \times W$ $S \geq 45$
 $L = S^2 \times W / 60$ $S \leq 40$
 L = Minimum Length of Merging Taper
 W = Width of Offset
 S = Posted Speed Limit Prior to Work Area
TYPES OF TAPERS
 Merging Taper
 Shifting Taper
 Shoulder Taper
 One-Lane, Two-Way Traffic Taper
 Downstream Taper
TAPER LENGTH
 1/2 L - Minimum
 1/3 L - Minimum
 50' Minimum
 100' Maximum

APPROVED/ACCEPTED BY:
 ENGINEER, OWNER, or PRIME CONTRACTOR
☐ Check for Notice to Proceed.
 Signature: _____
 Company: _____



Date: 8/27/2025 **Project:** SR - 132 AT SEVIER RIVER, NEPHI UT :
Traffic Control Suggestion For: TRACK SOURCE :
By: Road Runner Safety Services, Inc. : Nathan
Comments:
 Drawing not to scale. Traffic control plan must be approved by an engineer. This is a suggestion only. Road Runners Safety Services, Inc. has no liability for this suggested traffic control plan. Actual placement and spacing of all traffic control devices will depend on field conditions and must conform to MUTCD standards.

- Manifest**
- 3 x Changeable Message Sign
 - 1 x Detour 1500 FT
 - 2 x Detour Ahead
 - 9 x Detour Stack Signs
 - 1 x M4-10 Detour Left
 - 1 x M4-10 Detour Right
 - 2 x Road Closed
 - 1 x Road Closed 2 Miles Ahead Local Traffic Only
 - 2 x Road Closed 7 Miles Ahead Local Traffic Only
 - 1 x Road Closed 12 Miles Ahead Local Traffic Only
 - 2 x Road Closed 500 FT
 - 2 x Road Closed 1000 FT
 - 1 x Road Closed Ahead
 - 10 x Type III Barricade

- Legend**
- Changeable Message Sign
 - Sign
 - Type III Barricade
 - Work Area

