

LEGEND

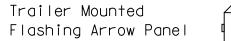
Type III Barricade 🛛 🖾 Channelizing Devices 🗌 Flag

Truck Mounted Attenuator



Heavy Work Vehicle

Trailer Mounted



Portable Changeable M Message Sign

Flagger

Sign Post

		Minimum Desirable Taper Lengths X X			Suggested Maximum Spacing of Device		Minimum Sign Spacing
Posted Speed $+$	Formula	10' Offset	11' Offset	12' Offset	0n a Taper	On a Tangent	X Distance
30	$L = \frac{WS^2}{60}$	150′	165′	180′	30′	60′ -75′	120′
35		205′	225′	245′	35′	70′-90′	160′
40		265′	295′	320′	40′	80′-100′	240′
45	L=WS	450′	495′	540′	45′	90′-110′	320′
50		500′	550′	600′	50′	100′-125′	400′
55		550′	605′	660′	55′	110′-140′	500′
60		600′	660′	720′	60′	120′-150′	× 600′
65		650′	715′	780′	65′	130′ –165′	× 700′
70		700′	770′	840′	70′	140′ -175′	×800′
10		100	110	040	10	140 -115	X 000

🗙 Conventional Roads Only

XX Taper lengths have been rounded off.

L=Length of Taper (FT.) W=Width of Offset (FT.) S=Posted Speed (MPH)

TYPICAL USAGE:								
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY				
	\checkmark	\checkmark						

GENERAL NOTES:

1. Unless otherwise stated in the plans, flags attached to the signs are REQUIRED.

- 2. All traffic control devices illustrated are <u>REQUIRED</u>, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans,
- 3. The FORM ONE LANE LEFT sign may be used following the RIGHT LANE CLOSED sign. Spacing distance between signs should be the minimum distance indicated.
- 4. ROAD WORK AHEAD sign may be repeated if the visibility of the work zone is less than 1500'.
 5. If pavement markings are not removed and traffic is directed over
- a double yellow centerline, the maximum spaciing of channelizing devices in a tangent section should be no greater than 10 feet.

Only pre-qualified products shall be used. A list of compliant products and their sources may be obtained by writing or faxing

Standards Engineer Traffic Operations Division - TE Texas Department of Transportation 125 East 11th Street Austin, Texas 78701-2483 Phone (512) 416-3335 Fax (512) 416-3161 E-mail TRF-STANDARD@mailgw.dot.state.tx.us

> The requirement for shadow vehicles will be listed in the project GENERAL NOTES, Item 502, Barricades, Signs and Traffic Handling.

