





■ ■ Channelizing Devices Type III Barricade Truck Mounted Attenuator Heavy Work Vehicle Portable Changeable
Message Sign Trailer Mounted Flashing Arrow Panel

		Minimum Desirable Taper Lengths 🕱 🛪			Suggested Maximum Spacing of Device		Minimum Sign Spacing
Posted Speed X	Formula	10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent	X Distance
30	2	150'	165'	180'	30'	60'-75'	120'
35	$= \frac{WS^2}{60}$	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'	5.00'
60		600'	660'	720'	60'	120'-150'	× 600'
65		650'	715'	780'	65'	130'-165'	× 700'
70		700'	770'	840'	70'	140'-175'	* 800'

- **x** Conventional Roads Only
- * * 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 T	INTERMEDIATE ERM STATIONARY	LONG TERM STATIONARY
	1	1	4	

GENERAL NOTES:

- 1. Flags attached to signs are REQUIRED.
- 2. All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans.
- 3. The BE PREPARED TO STOP sign may be installed after the ONE LANE ROAD XXX FT sign, but proper sign spacing shall be maintained.
- 4. YIELD sign traffic control may be used on projects with approaches that have adequate sight distance. For projects in urban areas, work zones should be no longer than one half city block. In rural areas on roadways with less than 4000 ADT and work areas should be no longer than 400'.
- 5. YIELD TO ONCOMING TRAFFIC sign shall be placed on a support at a 7' minimum mounting height.
- 6. Flaggers should use two-way radios or other methods of communication to control traffic.
- 7. Length of work area should be based on the ability of flaggers to
- 8. See TCP(NOTES), CHANNELIZING DEVICES, note *2 for recommended 10 foot channelizing device spacing.

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 Fox (512) 416-3161 E-mail TRE-STANDARD@mailgw.dot.state.tx.us

STANDARD PLANS TEXAS DEPARTMENT OF TRANSPORTATION

Traffic Operations Division

TRAFFIC CONTROL PLAN

TCP(2-2)-98

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DATE 11-21-01