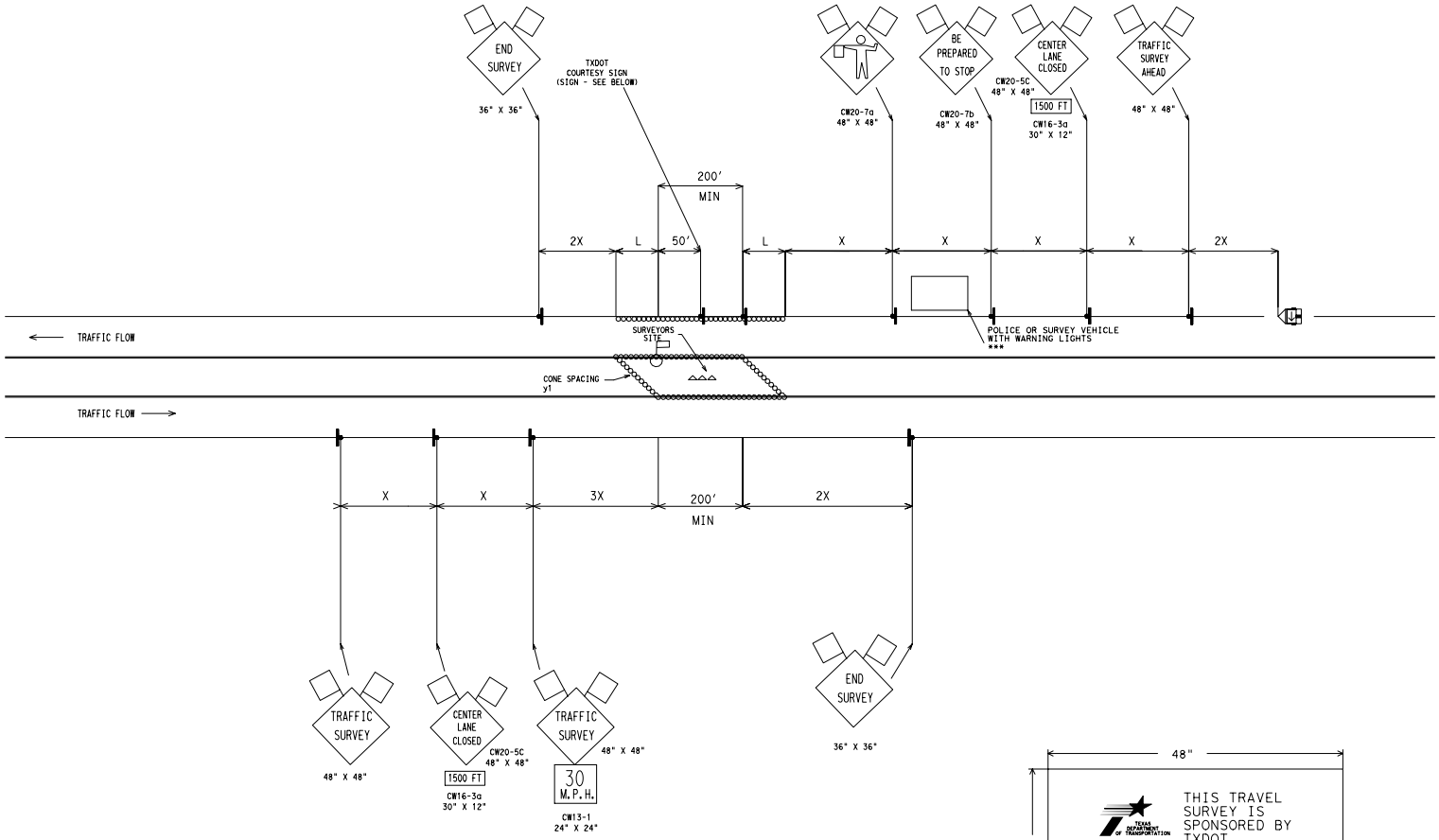

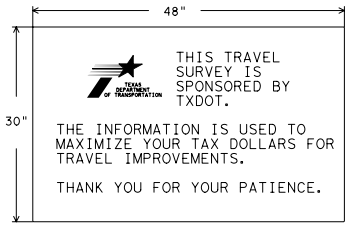

COURTESY SIGN
PROVIDED BY TxDOT

LEGEND

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

Posted Speed ✳	Formula	Minimum Desirable Taper Lengths ✳✳ L 10' Offset	L 11' Offset	L 12' Offset	Suggested Maximum Spacing of Device y1 On a Taper	y2 On a Tangent	Minimum Sign Spacing 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'

✳ Conventional Roads Only

✳✳ Taper lengths have been rounded off.
L=Length of Taper (FT.) W=Width of Offset (FT.) S=Posted Speed (MPH)

✳✳✳ Location of vehicle with flashing lights is approximate.
- To be adjusted in the field

TYPICAL USAGE:				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	✓	✓		

GENERAL NOTES:

1. Unless otherwise stated in the plans, 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. On high speed facilities advance warning signs should be installed approximately 3X from the work area or from the beginning of a lane or shoulder taper. On low speed facilities the advance warning signs should be placed based on the "X" minimum distance.
4. Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.

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) 416-3120
Fax (512) 416-3299

TEXAS DEPARTMENT OF TRANSPORTATION
Transportation Planning and Programming

3 LANE SECTION 1-WAY SURVEY TRAFFIC CONTROL PLAN TPP TCP-7-04

REVISIONS	DISTRICT	PROJECT	
	COUNTY	HIGHWAY	SHEET