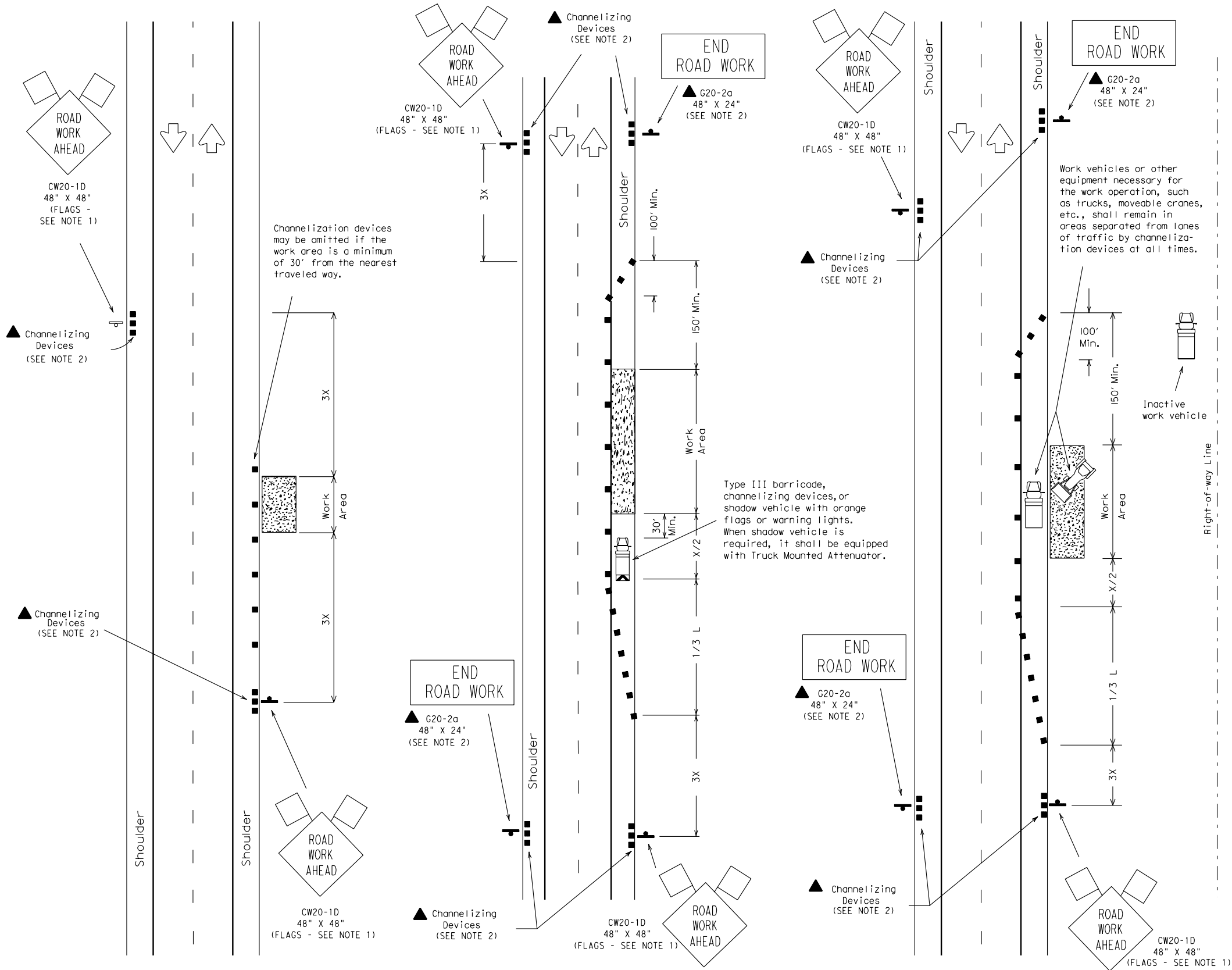


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LEVELS DISPLAYED	DN:		DATE:	
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81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100



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			Suggested Maximum Spacing of Device		Minimum Sign Spacing X Distance
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent	
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)

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

- GENERAL NOTES:
- Unless otherwise stated in the plans, flags attached to signs are **REQUIRED**.
 - All traffic control devices illustrated are **REQUIRED**, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans.
 - 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.
 - 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) 416-3335
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.

STANDARD PLANS
TEXAS DEPARTMENT OF TRANSPORTATION
Traffic Operations Division

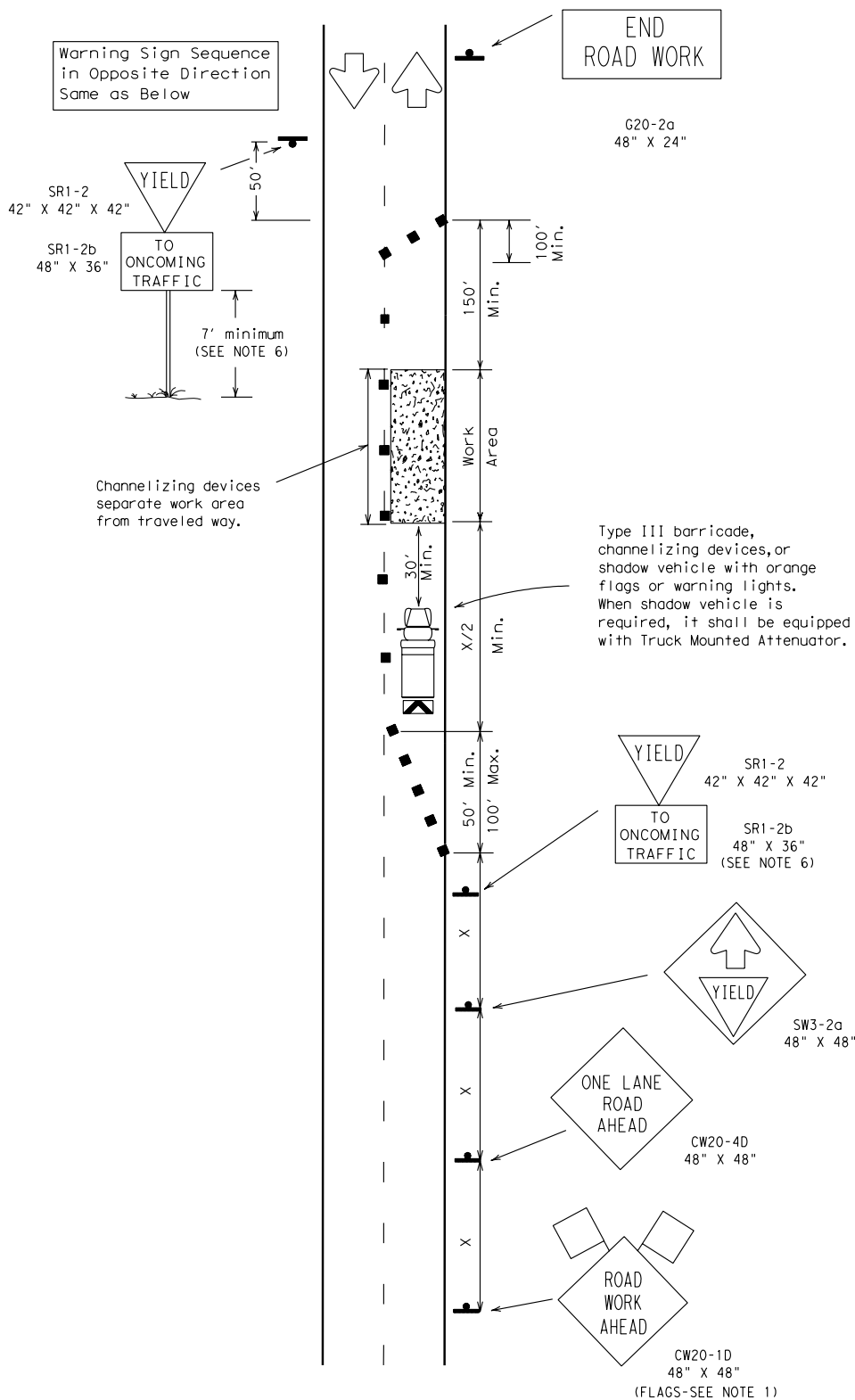
TRAFFIC CONTROL PLAN

TCP (1-1) - 98

© TxDOT December 1985		DN: LR	CK: MT	DW: DN	CK: MT	NEG NO: 1
REVISIONS	STATE DISTRICT	FEDERAL REGION	FEDERAL AID PROJECT			SHEET
2-94		6				
8-95			COUNTY	CONTROL	SECTION	JOB
1-97						HIGHWAY
4-98						

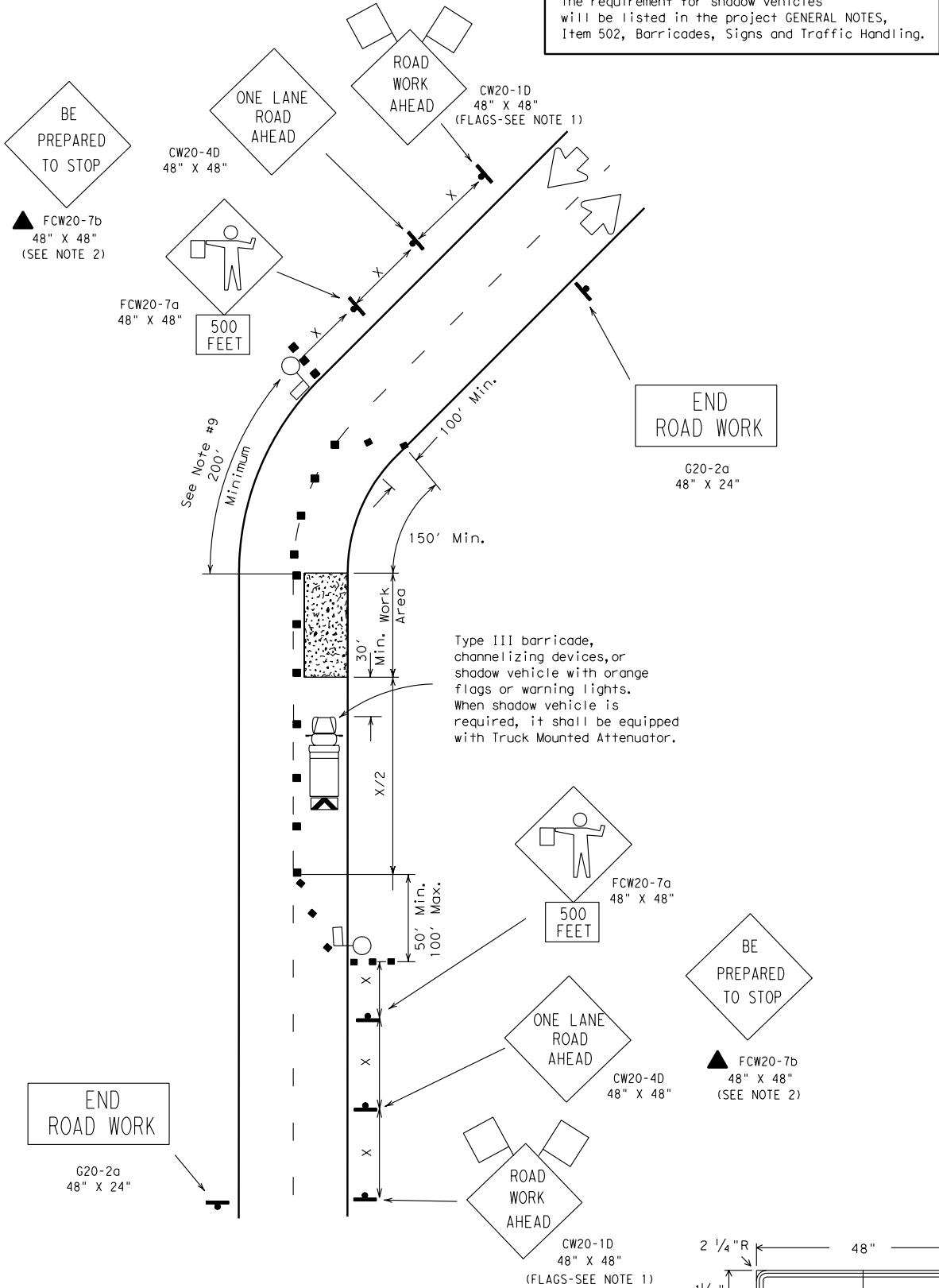
DISCLAIMER
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DN:	CK:	DW:	CK:
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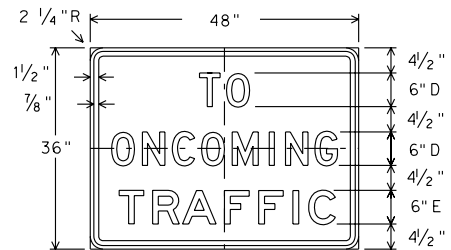
TCP (1-2a)

One Lane Closed
Adequate Field of View



TCP (1-2b)

One Lane Closed
Inadequate Field of View



SR1-2b
48" x 36"

Letters - Black
Background - White
Reflective

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			Suggested Maximum Spacing of Device		Minimum Sign Spacing X Distance
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent	
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)

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

GENERAL NOTES:

- Flags attached to signs are REQUIRED.
- All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans.
- The BE PREPARED TO STOP sign may be installed after the ONE LANE ROAD AHEAD sign, but proper sign spacing shall be maintained.
- ROAD WORK AHEAD sign may be repeated if the visibility of the work zone is less than 1500'.
TCP(1-2a)
- 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, work areas should be no longer than 400'.
- YIELD TO ONCOMING TRAFFIC sign shall be placed on a support at a 7' minimum mounting height.
TCP(1-2b)
- Flaggers should use two-way radios or other methods of communication to control traffic.
- Length of work area should be based on the ability of flaggers to communicate.
- Distance along curve of work area should be adequate length for motorists to identify and react to flagger signals.

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STANDARD PLANS
TEXAS DEPARTMENT OF TRANSPORTATION
Traffic Operations Division

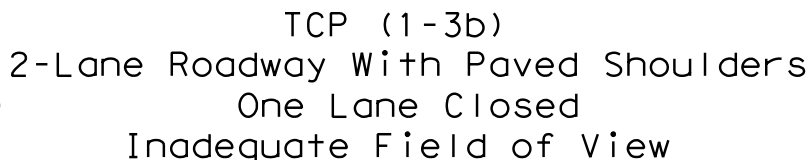
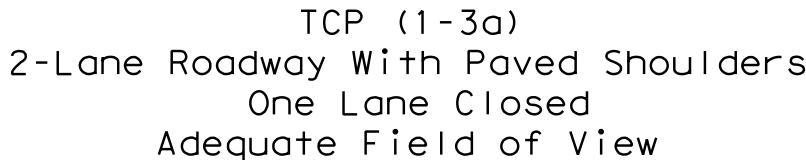
TRAFFIC CONTROL PLAN










TCP(1-2)-98

REVISIONS		STATE DISTRICT	FEDERAL REGION	FEDERAL AID PROJECT		SHEET	
4-90			6				
2-94		COUNTY		CONTROL	SECTION	JOB	HIGHWAY
1-97							
4-98							

DISCLAIMER

LEVELS DISPLAYED																DATE:
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	ACC:
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33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63		



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

		Minimum Desirable Taper Lengths X X			Suggested Maximum Spacing of Device		Minimum Sign Spacing X Distance
Posted Speed X	Formula	10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent	
30	$L = \frac{WS}{60}$	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'

✖✖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
	✓	✓		

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. Flagger control should NOT be used unless roadway conditions or heavy traffic volume require additional emphasis to safely control traffic. Additional flaggers should be positioned at end of traffic queues unless 24" x 24" STOP/SLOW paddle is used.
4. DO NOT PASS, PASS WITH CARE, and construction regulatory speed zone signs may be installed downstream of the ROAD WORK AHEAD signs.
5. ROAD WORK AHEAD sign may be repeated if the visibility of the work zone is less than 1500'.
6. When the work zone is made up of several work areas, channelizing devices should be placed laterally across the closed lane to re-emphasize closure. Laterally placed channelizing devices should be repeated every 500' to 1000' in urban areas and every 1/4 to 1/2 mile in rural areas.

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

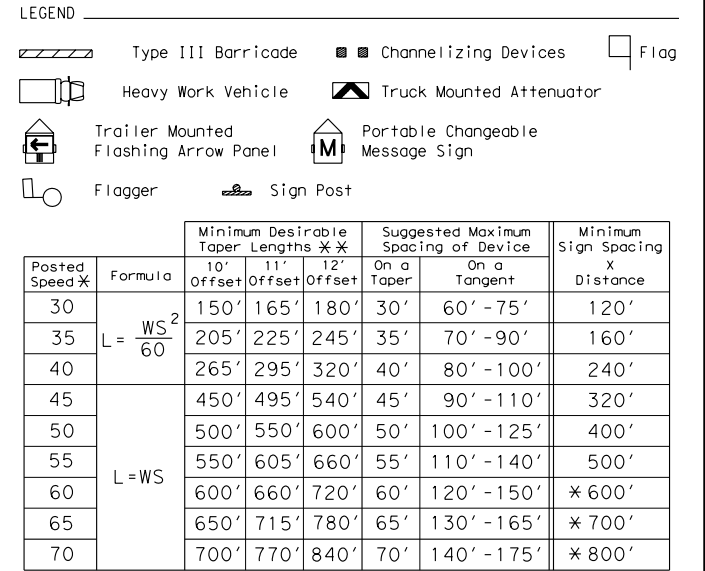

STANDARD PLANS
TEXAS DEPARTMENT OF TRANSPORTATION
Traffic Operations Division

TRAFFIC CONTROL PLAN

TCP (1-3) - 98

REVISIONS 2-94 8-95 1-97 4-98	(C) TxDOT December 1985		DNG - LR	CK1 -	DNG - DN	CK1 - MT	NEG NO. 1
	STATE DISTRICT	FEDERAL REGION	FEDERAL AID PROJECT				SHEET
		6					
	COUNTY			CONTROL	SECTION	JOB	HIGHWAY


LEVELS DISPLAYED																DATE :				
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3	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	DW :			
4	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63		CK :			
																F I L E :				



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

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

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STANDARD PLANS

TEXAS DEPARTMENT OF TRANSPORTATION

Traffic Operations Division

TRAFFIC CONTROL PLAN

TCP (1-4) - 98

REVISIONS 2-94 8-95 1-97 4-98	© TxDOT December 1985		DN - LR	CK1 - MT	DN - DN	CK1 - MT	NEG NO. 1
	STATE DISTRICT	FEDERAL REGION	FEDERAL AID PROJECT				SHEET
		6					
			COUNTY	CONTROL	SECTION	JOB	HIGHWAY