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DATE: FILE:

Traffic Control Devices shown for one direction

New pavement surface should extend to this point. (See note 2)

CW1-6 48" X 24" (See note 2) ▲

6" Solid White Edgeline

OM-3 Object Markers

Type II-A-A Raised Pavement Markers on 40' C-C.

6" Double Yellow Line

New pavement surface should extend to this point. (See note 5)

END ROAD WORK G20-2 48" X 24"

CW1-6 48" X 24" (See note 2) ▲

Warning Reflectors may be added on top of channelizing devices for additional conspicuity at night. Warning Reflectors, chevrons or steady-burn warning lights may be added if drums or longitudinal channelizing devices are used. (Both directions)

Barricades may be offset to permit workers and equipment to enter and exit work space.

CW1-4R 48" X 48" XX MPH CW13-1P 24" X 24"

ROAD CLOSED R11-2 48" X 30" CW1-6 48" X 24"

CW1-4L 48" X 48" XX MPH CW13-1P 24" X 24" (See note 2) ▲

ROAD WORK XXX FT CW20-1A, B, or C 48" X 48"

ROAD WORK AHEAD CW20-1D 48" X 48" (Flags- See note 1)

TCP (2-7a)

ROADWAY DIVERSION

Traffic Control Devices shown for one direction

END ROAD WORK G20-2 48" X 24"

PASS WITH CARE R4-2 24" X 30" If applicable

CTB with safety end treatment, or other barrier system as detailed elsewhere in the plans.

6" Solid White Edgeline

Type II-A-A Raised Pavement Markers on 40' C-C.

6" Double Yellow Line

NARROW BRIDGE CW5-2 48" X 48" (See note 6)

DO NOT PASS R4-1 24" X 30"

ROAD WORK AHEAD CW20-1D 48" X 48" (Flags- See note 1)

TCP (2-7b)

BRIDGE WIDENING

LEGEND			
	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Raised Pavement Markers Ty II-AA
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed *	Formula	Minimum Desirable Taper Lengths **			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "X" Distance	Suggested Longitudinal Buffer Space "B"
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent		
30	$L = \frac{WS^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45	L = WS	450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

* 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 where shown 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, or for routine maintenance work, when approved by the Engineer.

- TCP (2-7a)**
- Raised pavement markers shall be placed 40 feet c-c on centerline throughout project.
 - Roadway diversion design requirements should be based on posted speed limit or prevailing speed.
 - New pavement surface should be extended across existing roadway edge to a point where existing pavement markings left in place during project do not conflict with construction area pavement marking.
- TCP (2-7b)**
- The CW5-2 "Narrow Bridge" sign may be omitted if lane and shoulder widths are maintained.

**TRAFFIC CONTROL PLAN
 DIVERSIONS AND
 NARROW BRIDGES**

TCP (2-7) -23

FILE: tcp2-7-23.dgn	DN:	CK:	DW:	CK:
© TxDOT April 2023	CONT	SECT	JOB	HIGHWAY
REVISIONS				
12-85 4-98 2-18				
8-95 3-03 4-23				
1-97 2-12				
DIST	COUNTY			SHEET NO.