

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							
$\Diamond$	Flag	ПО	Flagger							

Posted Speed	Formula	Desirable		Spacii Channe		Minimum Sign Spacing "X"	Suggested Longitudinal Buffer Space		
<del>  *</del>		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent	Distance	"B"	
30		150′	165′	180′	30′	60′	120′	90′	
35	$L = \frac{WS}{60}$	205′	225′	245′	35′	70′	160′	120′	
40	60	265′	295′	320′	40′	80′	240′	155′	
45		450′	495′	540′	45′	90′	320′	195′	
50		500′	550′	600′	50′	100′	400′	240′	
55	L=WS	550′	605′	660′	55′	110′	500′	295′	
60	L - 11 3	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

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				
			<b>√</b>	1				

## GENERAL NOTES

- 1. 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)

- 3. 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)

6. The CW5-2 "Narrow Bridge" sign may be omitted if lane and shoulder widths are maintained.

For construction or maintenance contract work, specific project requirements for shadow vehicles can be found in the project GENERAL NOTES for Item 502, Barricades, Signs and Traffic Handling.



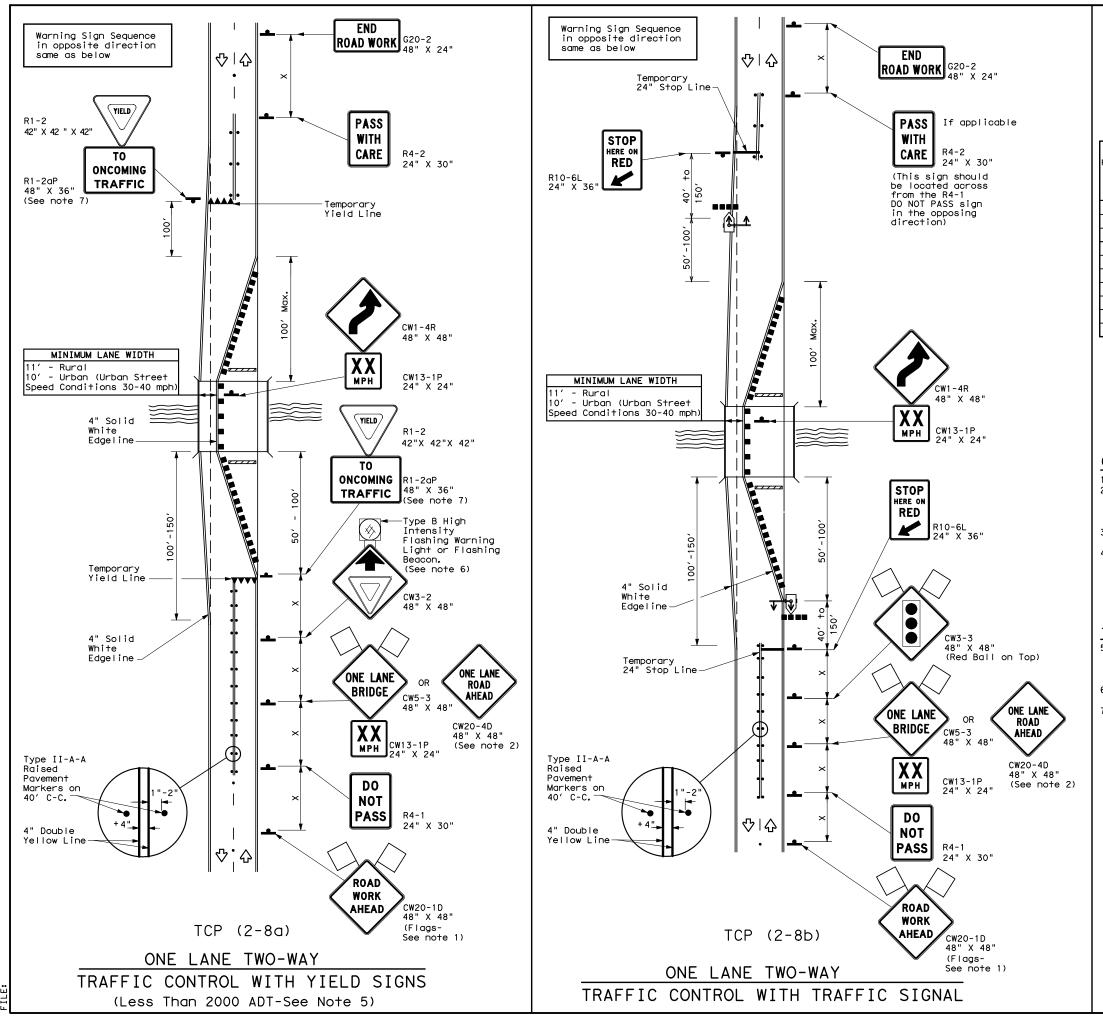
TRAFFIC CONTROL PLAN
DIVERSIONS AND
NARROW BRIDGES

TCP(2-7)-12

© TxDOT December 1985	DN: TXD	ON: TXDOT CK: TXDOT			TXDOT	CK: TXDOT	
REVISIONS	CONT	SECT	JOB		HIGHWAY		
8-95 2-12 1-97							
4-98	DIST		COUNTY			SHEET NO.	
3-03							

167





	LEGEND									
	Type 3 Barricade		Channelizing Devices							
-	Sign	♡	Traffic Flow							
$\Diamond$	Flag	ПО	Flagger							
• • • •	Raised Pavement Markers Ty II-AA	***************************************	Temporary or Portable Traffic Signal							

Posted Speed			Minimum Desirable Taper Lengths **			d Maximum ng of lizing ices	Minimum Sign Spacing "X"	Suggested Longitudinal Buffer Space	Stopping Sight Distance	
*			11' Offset	12' Offset	0n a Taper	On a Tangent	Distance	"B"		
30	ws ²	150′	165′	180′	30′	60′	120′	90′	200′	
35	$L = \frac{WS}{60}$	205′	225′	245′	35′	70′	160′	120′	250′	
40	80	265′	295′	320′	40′	80′	240′	155′	305′	
45		450′	495′	540′	45′	90′	320′	195′	360′	
50		500′	550′	600′	50′	100′	400′	240′	425′	
55	L=WS	550′	605′	660′	55′	110′	500′	295′	495′	
60	_ "3	600′	660′	720′	60`	120′	600′	350′	570′	
65		650′	715′	780′	65`	130′	700′	410′	645′	
70		700′	770′	840′	70′	140′	800′	475′	730′	
75		750′	825′	900′	75′	150′	900′	540′	820′	

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							
			<b>√</b>	<b>√</b>				

### GENERAL NOTES

- 1. Flags attached to signs where shown are REQUIRED.
- 2. When this TCP is used at a location which does not involve a bridge, a 48" x 48" CW20-4D "ONE LANE ROAD AHEAD" signs should be used in lieu of the CW5-3 "ONE LANE BRIDGE" signs. The CW13-1P Advisory Speed Plaque is required with either warning sign.
- 3. Raised pavement markers shall be placed 40 feet c-c on centerline between DO NOT PASS signs and stop or yield lines.
- 4. For intermediate term situations, when it is not feasible to remove and restore  $\frac{1}{2}$ pavement markings, the channelization must be made dominant by using a very close spacing. This is especially important in locations of conflicting information, such as where traffic is directed over a double yellow centerline. In such locations a maximum channelizing device spacing of 20 feet is recommended. The 20 foot channelizing device spacing recommendation is intended for the area of conflicting information and not the entire work zone.

# TCP (2-8a)

- 5. Traffic control by CW3-2 "YIELD AHEAD" symbol signs for one lane two-way traffic control operations should be limited to work spaces less than 400 feet long and roadways with less than 2000 ADT. Otherwise, portable traffic signals should be used.
- 6. If power is available, a flashing beacon should be attached to the CW3-2 "YIELD AHEAD" symbol sign for emphasis.
- 7. The R1-2 "YIELD" and R1-2aP "TO ONCOMING TRAFFIC" signs and other regulatory signs shall be installed at 7 foot minimum mounting height.

- 8. A list of approved Portable Traffic Signals can be found in the "Compliant Work Zone Traffic Control Devices" list.
- 9. Portable traffic signals should be located to provide adequate stopping sight distance for approaching motorist (See table above).

For construction or maintenance contract work, specific project requirements for shadow vehicles can be found in the project GENERAL NOTES for Item 502, Barricades, Signs and Traffic Handling.



TRAFFIC CONTROL PLAN LONG TERM ONE-LANE TWO-WAY CONTROL

TCP (2-8) -12

© .	DN: TXD	тоот	CK: TXDOT DW:		TXDOT CK: T		XDOT		
REVISIONS		CONT	SECT	JOB			HIGHWAY		
8-95 1-97	2-12								
4-98		DIST		COUNTY			S	HEET	NO.
3-03									