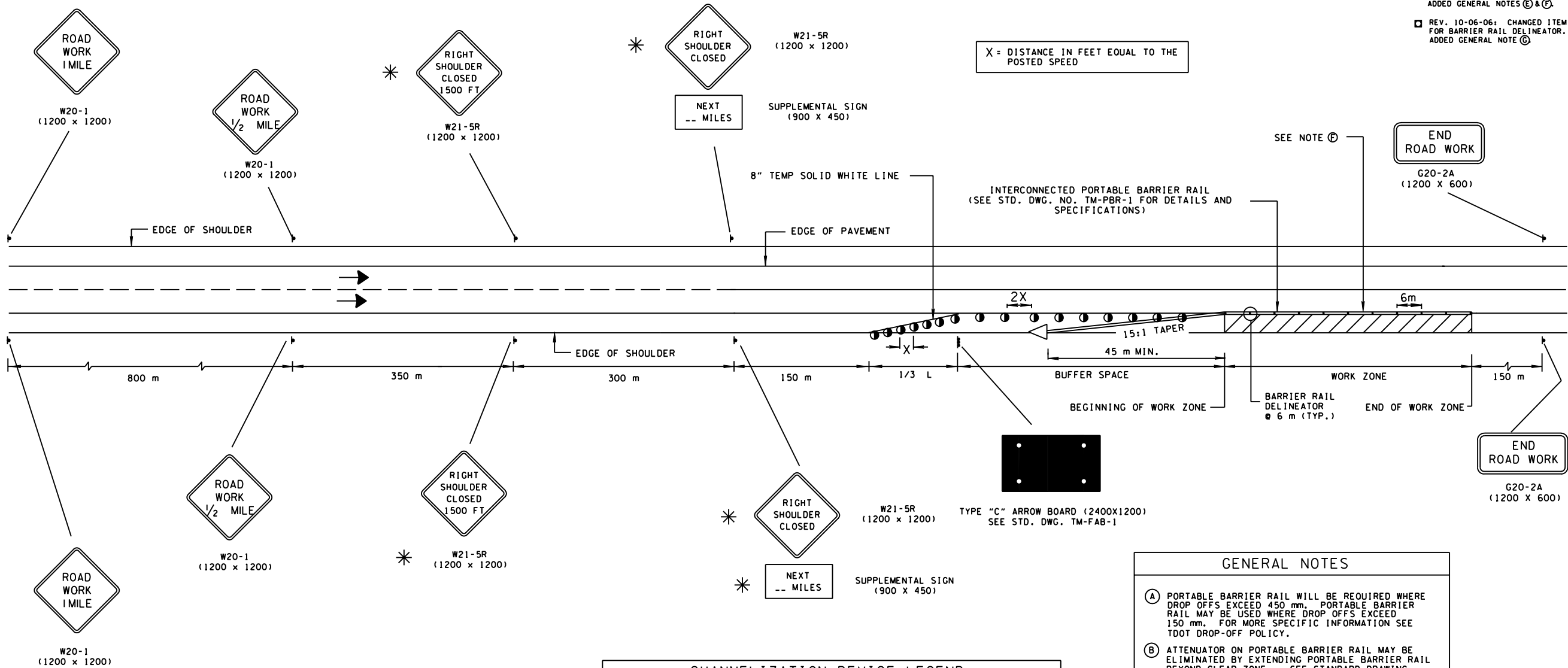


TRAFFIC CONTROL FOR SHOULDER CLOSURE FOR FREEWAYS AND DIVIDED HIGHWAYS



* FOR LEFT SHOULDER CLOSURES USE SIGNS W21-5L (LEFT SHOULDER CLOSED 450 m AND LEFT SHOULDER CLOSED)

COMPUTATION FOR DISTANCE L

$L = W \times S$

L = TAPER LENGTH IN FEET
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED

CHANNELIZATION DEVICE LEGEND	
	FLEXIBLE DRUMS
	SIGN SUPPORT
	DIRECTION OF TRAFFIC
	WORK SITE
	BARRIER RAIL DELINEATOR (ITEM NO. 712M04.50, PER EACH)
	FLASHING YELLOW ARROW BOARD (SEE STD. DWG. NO. TM-FAB-1, FOR DETAILS AND SPECIFICATIONS)
	ATTENUATOR (SEE STANDARD DRAWINGS)

- GENERAL NOTES
- (A) PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 450 mm. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 150 mm. FOR MORE SPECIFIC INFORMATION SEE TDOT DROP-OFF POLICY.
 - (B) ATTENUATOR ON PORTABLE BARRIER RAIL MAY BE ELIMINATED BY EXTENDING PORTABLE BARRIER RAIL BEYOND CLEAR ZONE. SEE STANDARD DRAWING RDM01-S-12 FOR CLEAR ZONE DISTANCE.
 - (C) SEE STANDARD DRAWING NO. TM-WZ-10 FOR OTHER NEEDED ADVANCE SIGNING.
 - (D) SEE TABLE 6C-2 OF PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR RECOMMENDED LENGTHS OF BUFFER SPACE WHICH ARE BASED ON STOPPING SIGHT DISTANCE AS A FUNCTION OF SPEED.
 - (E) BARRIER RAIL DELINEATORS (ITEM NO. 712M04.50) SHALL BE USED ON PORTABLE BARRIER RAIL. REFER TO THE QUALIFIED PRODUCT LIST FOR APPROVED BARRIER RAIL DELINEATORS. DIFFERENT TYPES OF BARRIER RAIL DELINEATORS SHOULD NOT BE MIXED IN THE SAME LINE.
 - (F) UNLESS THE LANE ENCROACHMENT PERMITS A REMAINING LANE WIDTH OF 3.048 m, THE LANE SHOULD BE CLOSED. MINIMUM 600 mm OFFSET BETWEEN TRAVEL LANE AND PORTABLE CONCRETE BARRIER IS REQUIRED. GREATER THAN 600 mm IS HIGHLY DESIRABLE AND SHOULD BE USED WHERE PHYSICAL CONDITIONS ALLOW. 600 mm OFFSET MAY BE ELIMINATED WHERE PHYSICAL CONDITIONS DO NOT ALLOW.
 - (G) RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON RIGHT EDGE LINE.

- REV. 4-15-99: MODIFIED CHANNELIZATION DEVICE LEGEND.
- REV. 12-18-99: MODIFIED GENERAL NOTE (A).
- REV. 7-29-03: CHANGED GENERAL NOTE (A).
- REV. 4-15-04: CHANGED GENERAL NOTE (D) TO COMPLY WITH 2003 MUTCD.
- REV. 5-12-06: REPLACED VERTICAL PANEL WITH BARRIER RAIL DELINEATORS. ADDED GENERAL NOTES (E) & (F).
- REV. 10-06-06: CHANGED ITEM NO. FOR BARRIER RAIL DELINEATOR. ADDED GENERAL NOTE (G).



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SHOULDER CLOSURE
DETAIL FOR
FREEWAYS AND
DIVIDED HIGHWAYS

5-27-98 TM-WZ-18

1/11/2007 10:39:09 AM
TMWZ18_100606.DGN