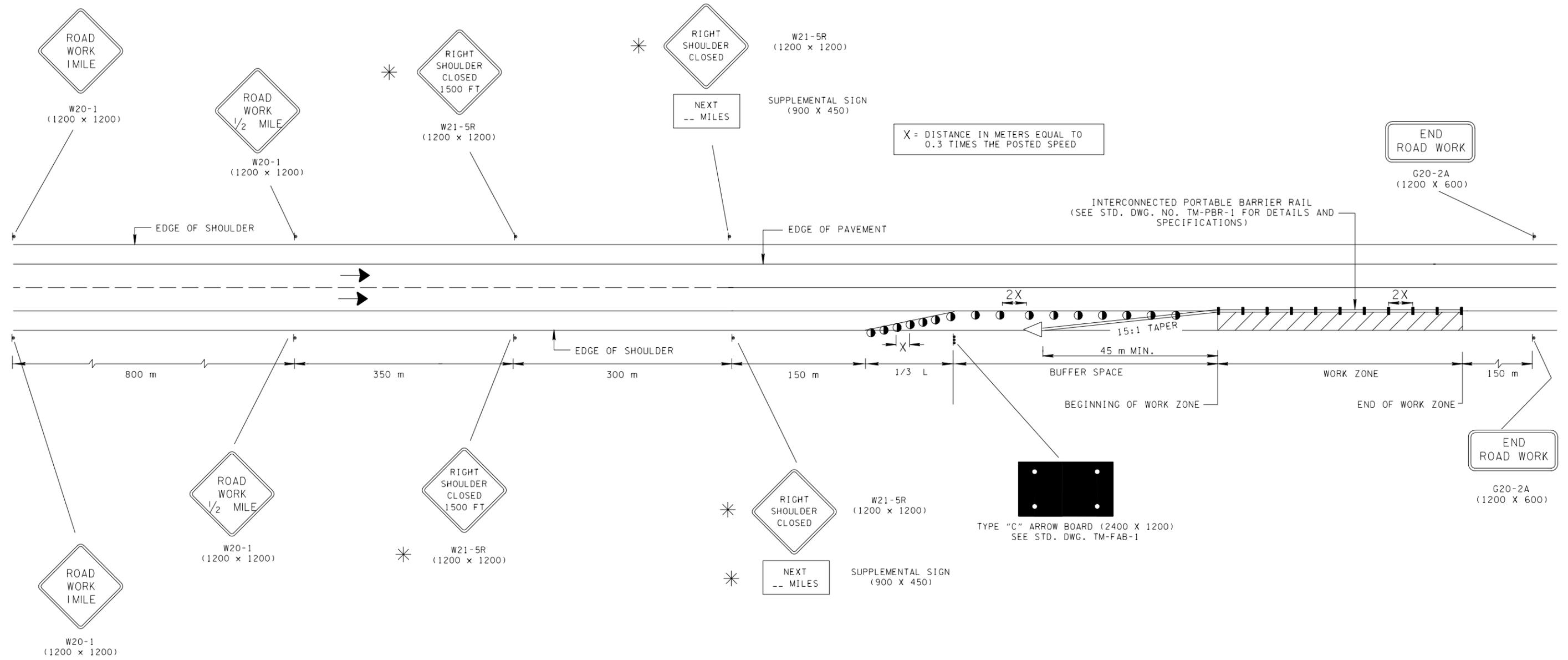


# TRAFFIC CONTROL FOR SHOULDER CLOSURE FOR FREEWAYS AND DIVIDED HIGHWAYS

- REV. 4-15-99: MODIFIED CHANNELIZATION DEVICE LEGEND.
- REV. 12-18-99: MODIFIED GENERAL NOTE (B).
- REV. 7-29-03: CHANGED GENERAL NOTE (B).
- REV. 4-15-04: CHANGED GENERAL NOTE (C) TO COMPLY WITH 2003 MUTCD.



X = DISTANCE IN METERS EQUAL TO 0.3 TIMES THE POSTED SPEED

TYPE "C" ARROW BOARD (2400 X 1200) SEE STD. DWG. TM-FAB-1

FOR LEFT SHOULDER CLOSURES USE SIGNS \* W21-5L (LEFT SHOULDER CLOSED 1500 FT AND LEFT SHOULDER CLOSED)

**COMPUTATION FOR DISTANCE L**

$L = W \times S$

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

CHANNELIZATION DEVICE LEGEND	
●	FLEXIBLE DRUMS
┆	SIGN SUPPORT
←	DIRECTION OF TRAFFIC
▨	WORK SITE
▬	VERTICAL PANEL (SEE STD. DWG. NO. TM-PBR-2 FOR DETAILS AND SPECIFICATIONS)
◀	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.

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