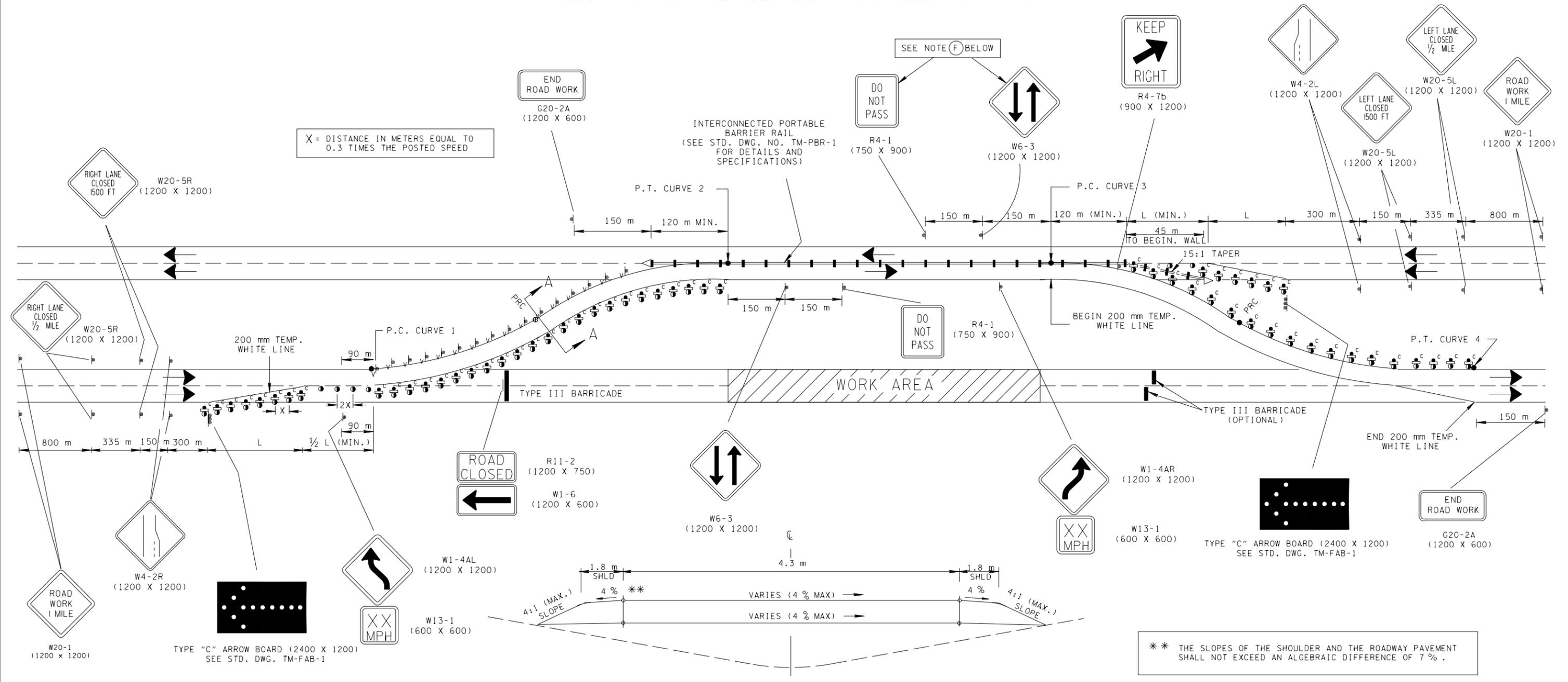


MEDIAN CROSS-OVER DETAIL ON DIVIDED HIGHWAYS



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

END ROAD WORK
G20-2A
(1200 X 600)

INTERCONNECTED PORTABLE BARRIER RAIL
(SEE STD. DWG. NO. TM-PBR-1 FOR DETAILS AND SPECIFICATIONS)

DO NOT PASS
R4-1
(750 X 900)

SEE NOTE (F) BELOW

W6-3
(1200 X 1200)

KEEP RIGHT
R4-7b
(900 X 1200)

W4-2L
(1200 X 1200)

LEFT LANE CLOSED 1500 FT
W20-5L
(1200 X 1200)

LEFT LANE CLOSED 1/2 MILE
W20-5L
(1200 X 1200)

ROAD WORK 1 MILE
W20-1
(1200 X 1200)

RIGHT LANE CLOSED 1500 FT
W20-5R
(1200 X 1200)

RIGHT LANE CLOSED 1/2 MILE
W20-5R
(1200 X 1200)

200 mm TEMP. WHITE LINE

P.C. CURVE 1

TYPE III BARRICADE

WORK AREA

BEGIN 200 mm TEMP. WHITE LINE

TYPE III BARRICADE (OPTIONAL)

END 200 mm TEMP. WHITE LINE

ROAD CLOSED
R11-2
(1200 X 750)
W1-6
(1200 X 600)

W6-3
(1200 X 1200)

W1-4AR
(1200 X 1200)
W13-1
(600 X 600)

W1-4AR
(1200 X 1200)

W13-1
(600 X 600)

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

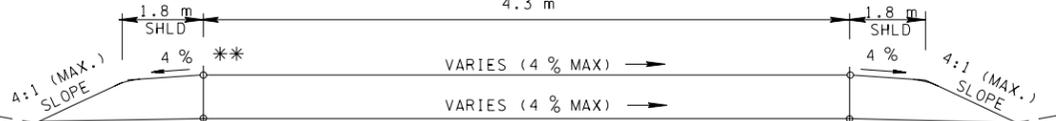
END ROAD WORK
G20-2A
(1200 X 600)

ROAD WORK 1 MILE
W20-1
(1200 X 1200)

W4-2R
(1200 X 1200)

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

W1-4AL
(1200 X 1200)
W13-1
(600 X 600)



** THE SLOPES OF THE SHOULDER AND THE ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

SECTION A-A

TYPICAL SECTION OF TEMPORARY MEDIAN CROSS-OVER

COMPUTATION FOR DISTANCE L

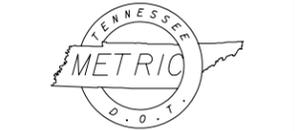
$$L = W \times S$$

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

- #### GENERAL NOTES
- (A) CROSS-OVERS SHALL BE DESIGNED FOR SPEEDS NOT LESS THAN 16 KILOMETERS PER HOUR BELOW THE POSTED SPEED. THE GEOMETRY DETAIL FOR CROSS-OVER SHOWN ON STANDARD DRAWING TM-WZ-20 IS FOR A TANGENT DIVIDED HIGHWAY SECTION ONLY. THE DESIGNER SHALL PROVIDE GEOMETRIC DETAILS OF CROSS-OVER(S) ON CURVED DIVIDED HIGHWAY SECTIONS.
 - (B) ADVISORY SPEED PLATES ON REVERSE CURVE SIGNS (W1-4) SHALL BE 16 KILOMETERS PER HOUR LESS THAN THE DESIGN SPEED OF THE CROSS-OVER.
 - (C) TEMPORARY CROSSDRAINS SHALL BE PROVIDED WHERE CROSS-OVER CROSSES THE LOW POINT OF THE DEPRESSED MEDIAN. THE DESIGNER WILL PROVIDE THE LENGTH AND SIZE OF THESE CROSSDRAINS ON THE PLANS. THESE CROSSDRAINS SHALL BE PAID FOR UNDER ITEM NOS. 621M03.02 THROUGH 621M03.10.
 - (D) PAVEMENT SECTION OF TEMPORARY MEDIAN CROSS-OVER IS SHOWN ON TYPICAL SECTION SHEETS OF PLANS.
 - (E) SEE STANDARD DRAWING TM-WZ-10 FOR OTHER NEEDED ADVANCE SIGNING.
 - (F) TWO-WAY TRAFFIC SYMBOL SIGN (W6-3) AND DO NOT PASS SIGN (R4-1) TO BE PLACED AT 800 METER INTERVALS ON TWO-WAY TEMPORARY TRAFFIC SECTION.
 - (G) A SECOND ARROW BOARD MAY BE USED WHEN GEOMETRIC CONDITIONS LIMITS THE VISIBILITY OF A LANE CLOSURE.
 - (H) PORTABLE BARRIER RAIL MAY BE EXTENDED BEYOND THE CLEAR ZONE TO ELIMINATE THE NEED FOR AN ATTENUATOR. SEE STANDARD DRAWING NO. RDM01-S-12 FOR CLEAR ZONE DISTANCE.

CHANNELIZATION DEVICE LEGEND

	FLEXIBLE DRUMS
	VERTICAL PANELS
	SIGN SUPPORT
	FLEXIBLE DRUMS WITH TYPE "C" WARNING LIGHTS ATTACHED
	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)



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

MEDIAN CROSS-OVER
DETAIL ON
DIVIDED HIGHWAYS