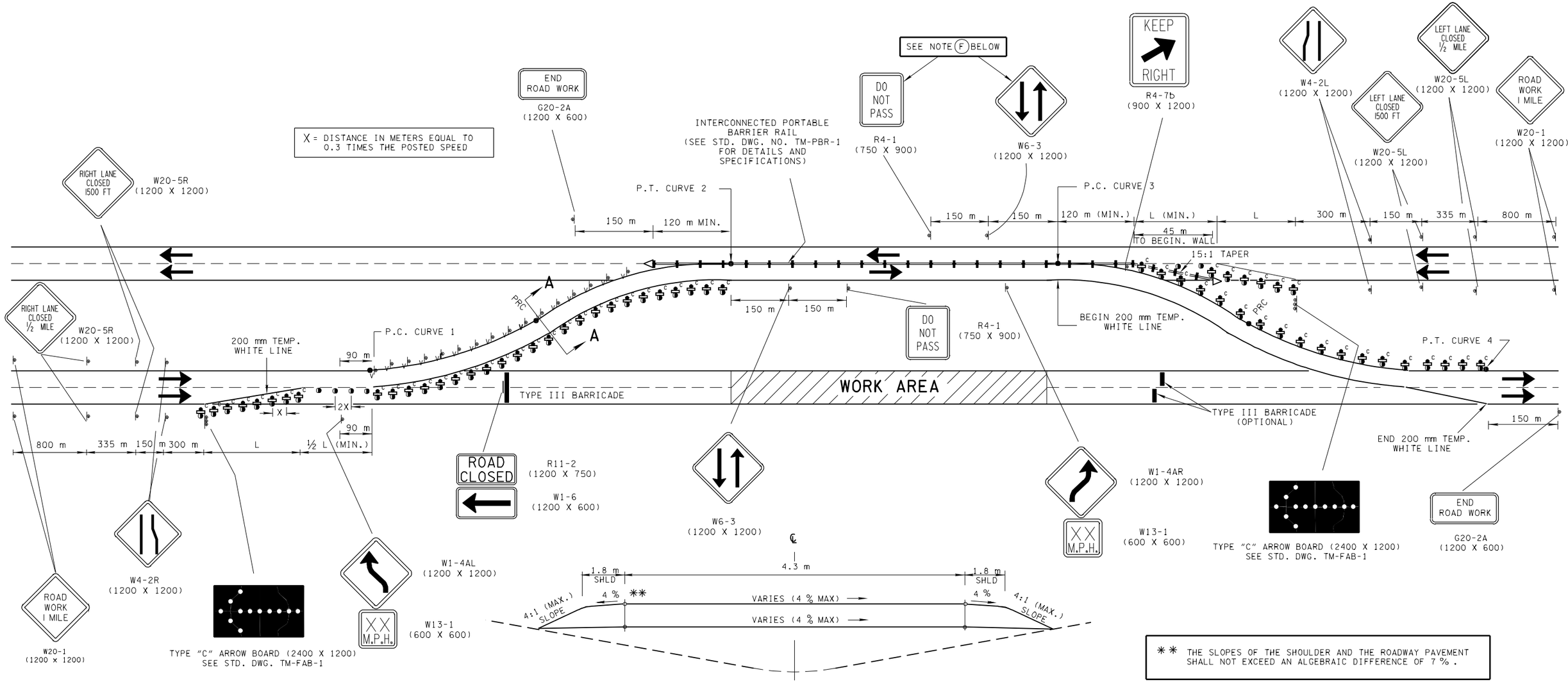
REV. 5-27-01: CHANGED PAY ITEMS IN GENERAL NOTE (C).

REV. 4-15-99: ADDED GENERAL NOTE (G).

REV. 12-18-99: GENERAL REVISION.

MEDIAN CROSS-OVER DETAIL ON DIVIDED HIGHWAYS



** 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

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. RDM-S-11 FOR CLEAR ZONE DISTANCE.

COMPUTATION FOR DISTANCE L

L = W X S

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

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)

TENNESSEE METRIC D.O.T.

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

10-26-98 | TM-WZ-19