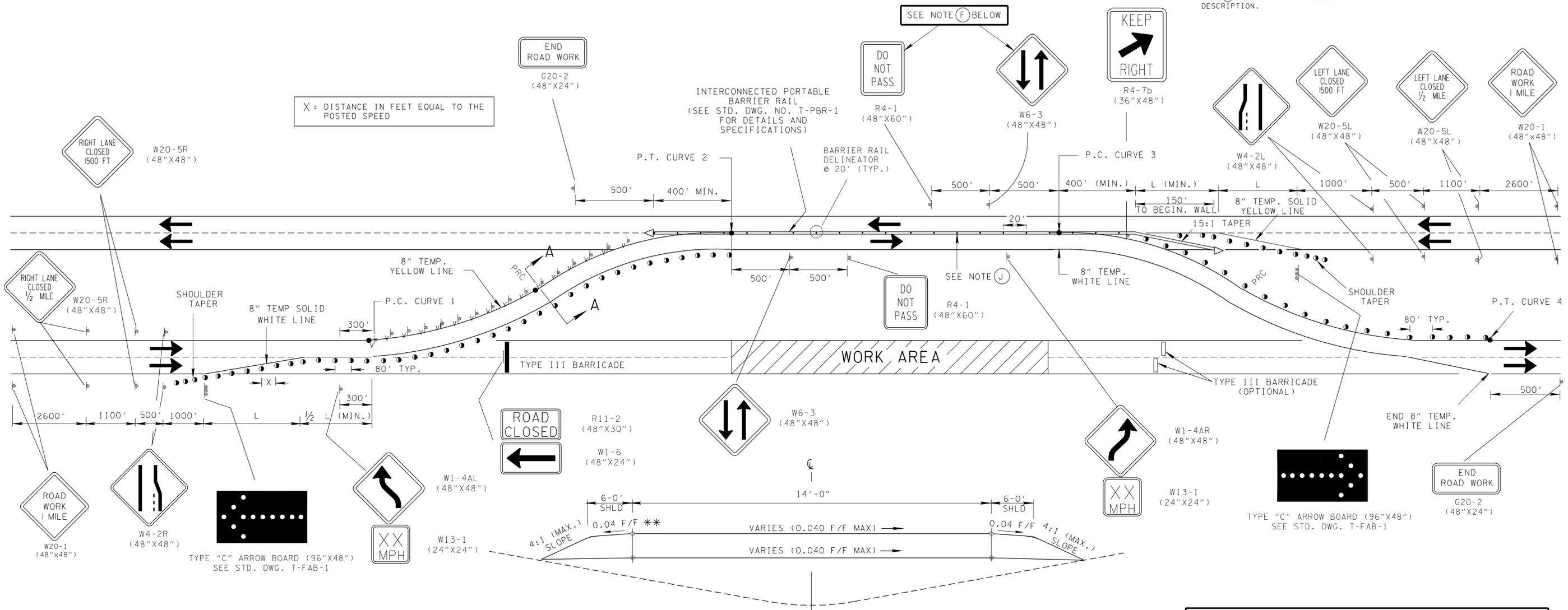


# MEDIAN CROSS-OVER DETAIL ON DIVIDED HIGHWAYS

- REV. 5-12-06: REPLACED VERTICAL PANEL WITH BARRIER RAIL DELINEATORS. ADDED GENERAL NOTES (D) & (I).
- REV. 5-27-01: CHANGED PAY ITEMS GENERAL NOTE (C).
- REV. 10-06-06: CHANGED ITEM NO. FOR BARRIER RAIL DELINEATOR. ADDED GENERAL NOTE (K). DELETED GENERAL NOTE (L).
- REV. 7-29-03: CHANGED GENERAL NOTE (H).
- REV. 03-13-09: CHANGED GENERAL NOTE (E) AND ATTENUATOR LEGEND DESCRIPTION.
- REV. 9-1-05: REMOVED TYPE "C" WARNING LIGHTS FROM FLEXIBLE DRUMS IN TAPER.



X = DISTANCE IN FEET EQUAL TO THE POSTED SPEED

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

WORK AREA

## SECTION A-A

### TYPICAL SECTION OF TEMPORARY MEDIAN CROSS-OVER

**COMPUTATION FOR DISTANCE L**

$$L = W \times S$$

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

\*\* THE SLOPES OF THE SHOULDER AND THE ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07 FOOT PER FOOT.

### GENERAL NOTES

- (A) CROSS-OVERS SHALL BE DESIGNED FOR SPEEDS NOT LESS THAN 10 MILES PER HOUR BELOW THE POSTED SPEED. THE GEOMETRY DETAIL FOR CROSS-OVER SHOWN ON STANDARD DRAWING T-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 10 MILES 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 SHALL PROVIDE THE LENGTH AND SIZE OF THESE CROSSDRAINS ON THE PLANS. THESE CROSSDRAINS SHALL BE PAID FOR UNDER ITEM NOS. 621-03.02 THROUGH 621-03.10.
- (D) PAVEMENT SECTION OF TEMPORARY MEDIAN CROSS-OVER IS SHOWN ON TYPICAL SECTION SHEETS OF PLANS.
- (E) SEE STANDARD DRAWING T-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 1/2 MILE 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) TAPER LENGTH SHOWN FOR THE PORTABLE BARRIER RAIL IS A MINIMUM. PORTABLE BARRIER RAIL SHOULD BE EXTENDED BEYOND THE CLEAR ZONE OR BE SHIELDED WITH AN ATTENUATOR WHEN IT IS NOT FEASIBLE TO EXTEND THE PORTABLE BARRIER RAIL. SEE STANDARD DRAWING RD01-S-12 FOR CLEAR ZONE DISTANCE.
- (I) BARRIER RAIL DELINEATORS (ITEM NO. 712-04.50) 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.
- (J) RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON RIGHT EDGE LINE.

### CHANNELIZATION DEVICE LEGEND

	FLEXIBLE DRUMS
	VERTICAL PANELS
	SIGN SUPPORT
	DIRECTION OF TRAFFIC
	WORK SITE
	BARRIER RAIL DELINEATOR (ITEM NO. 712-04.50, PER EACH)
	FLASHING YELLOW ARROW BOARD (SEE STD. DWG. NO. T-FAB-1, FOR DETAILS AND SPECIFICATIONS)
	ATTENUATOR (SEE STANDARD DRAWINGS)

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

**MEDIAN CROSS-OVER DETAIL ON DIVIDED HIGHWAYS**

10-26-98 T-WZ-19