



TYPICAL PAVEMENT MARKINGS AT ACTIVE RAILROAD-HIGHWAY GRADE CROSSINGS

- GENERAL NOTES**
- (A) A PORTION OF THE X SYMBOL SHOULD BE DIRECTLY OPPOSITE THE GRADE CROSSING ADVANCE WARNING SIGN (W10-1). THE X SYMBOL AND LETTERS SHOULD BE ELONGATED TO ALLOW FOR THE LOW ANGLE AT WHICH THEY WILL BE VIEWED.
 - (B) A THREE LANE ROADWAY SHOULD BE MARKED WITH A CENTERLINE FOR TWO LANE APPROACH OPERATION ON THE APPROACH TO A CROSSING.
 - (C) ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL "R XR" SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.
 - (D) PAVEMENT MARKINGS MATERIAL CAN BE EITHER PAINT OR PLASTIC AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.
 - (E) REFER TO STANDARD ALPHABET FOR HIGHWAY SIGNS AND MARKINGS FOR R XR SYMBOLS DETAILS.
 - (F) THE COST OF ALL TRANSVERSE BANDS SHALL BE IN THE PRICE BID FOR THE "R XR" SYMBOLS AT EACH RAILROAD CROSSING.
 - (G) PLACEMENT OF THE RAILROAD ADVANCE WARNING SIGN SHALL GENERALLY BE IN ACCORDANCE WITH SECTION 2C.05 TABLE 2C-4 CONDITION B OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
 - (H) RAILROAD CROSS-BUCK SIGN AND SUPPORT SHALL BE INSTALLED IN ACCORDANCE WITH T-S-16.

- REV. 5-16-75: ADDED NOTE PERTAINING TO HEIGHT OF RAILROAD ADVANCE WARNING SIGN IN RURAL, BUSINESS, COMMERCIAL & RESIDENTIAL DISTRICTS.
- REV. 10-10-75: ADDED NOTE REGARDING PAVEMENT MARKING MATERIAL.
- REV. 5-9-78: ADDED RAILROAD ADVANCED WARNING SIGN NUMBER AND REQUESTED DISTANCES FOR SIGN AND PAVEMENT MARKINGS.
- REV. 9-14-78: ADJUSTED STOP BARS AT TRACK.
- REV. 7-30-79: ADDED TABLE SHOWING DIMENSION C. ADDED DIMENSIONS TO TYPICAL PAVEMENT MARKINGS DRAWING. DELETED TABLE SHOWING DISTANCES FOR WARNING DEVICES. DELETED NOTE REGARDING WARNING SIGNS IN RURAL AREAS AND NOTE REGARDING DISTANCE FROM MARKINGS TO TRACKS BASED ON SPEED AND SIGHT DISTANCE.
- REV. 4-3-80: CHANGED DIMENSION BETWEEN CROSS BARS TO THE CENTER OF THE R/R "X" SYMBOL TO 25'-0". CHANGED THE HEIGHT OF THE "R" TO 6'-0". CARRIED THE CENTER LINE STRIPES THRU THE CROSSING. DELETED THE "12' MINIMUM" DIMENSION FROM THE CENTER LINE OF THE TRACK TO THE STOP BAR.
- REV. 4-10-80: UPDATE TO CONFORM WITH THE M.U.T.C.D.
- REV. 4-10-80: CHANGED DRAWING NUMBER FROM AW-01 TO T-RR-1.
- REV. 6-15-82: CORRECTED NOTE REGARDING OFFSET DISTANCE TO WARNING SIGN. ADDED NOTE REGARDING PAYMENT FOR TRANSVERSE LINES AT EACH CROSSING.
- REV. 5-22-84: WIDTH OF "R" CORRECTED TO 1'-0".
- REV. 8-5-85: CHANGED DIMENSION "C". ADDED GENERAL NOTE. CHANGED PAVEMENT MARKING NOTE AND SIGN NOTE.
- REV. 6-22-88: CHANGED WEIGHT OF STEEL POST.
- REV. 11-1-88: ADDED SIGN SHEET THICKNESS.
- REV. 8-22-91: RELOCATED PLACEMENT OF W10-1 SIGN. ADDED NOTE (A) AND REVISED NOTE (C).
- REV. 7-29-96: CHANGED MATERIAL ON BACKGROUND OF RAILROAD ADVANCE WARNING SIGN
- REV. 1-19-99: ADDED FOOTNOTE (3).
- REV. 7-29-04: CHANGED PLAN VIEW TO CLARIFY DETAIL.
- REV. 10-23-06: ADDED CROSSBUCK SIGN AND GENERAL NOTE (H).
- REV. 11-1-11: REVISED GENERAL NOTES A, G, AND H. MOVED RAILROAD ADVANCE WARNING SIGN DETAIL WITH FOOTNOTES TO T-S-16. REVISED TYPICAL PAVEMENT MARKING DETAIL. ADDED OPTIONAL SIGN W14-3.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKING AT RAILROAD ACTIVE HIGHWAY GRADE CROSSINGS AND RAILROAD ADVANCE WARNING SIGN

T-RR-1

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