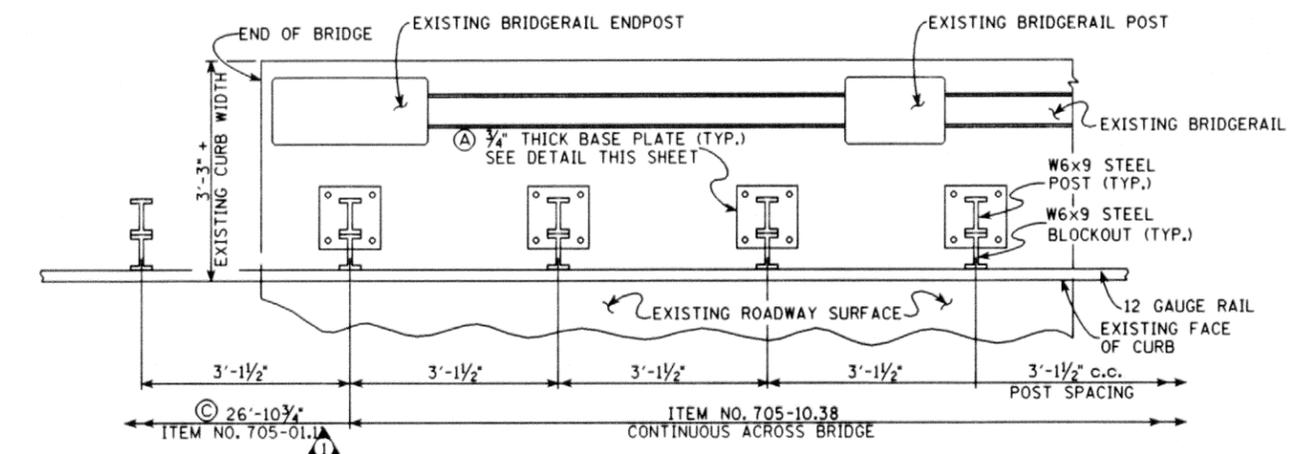


PROJECT NO.	YEAR	SHEET NO.	
	1992		
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	11-05-01	WS	REVISED DETAILS, ITEM NO'S. & DIMENSIONS
2	1-22-02	WS	MOVED GUARDRAIL TO FACE OF CURB

NOTE: DETAILS SHOWN ARE FOR RAIL TO RUN COMPLETE LENGTH OF BRIDGE WITH POST SPACING AT 3'-1 1/2" c.c.

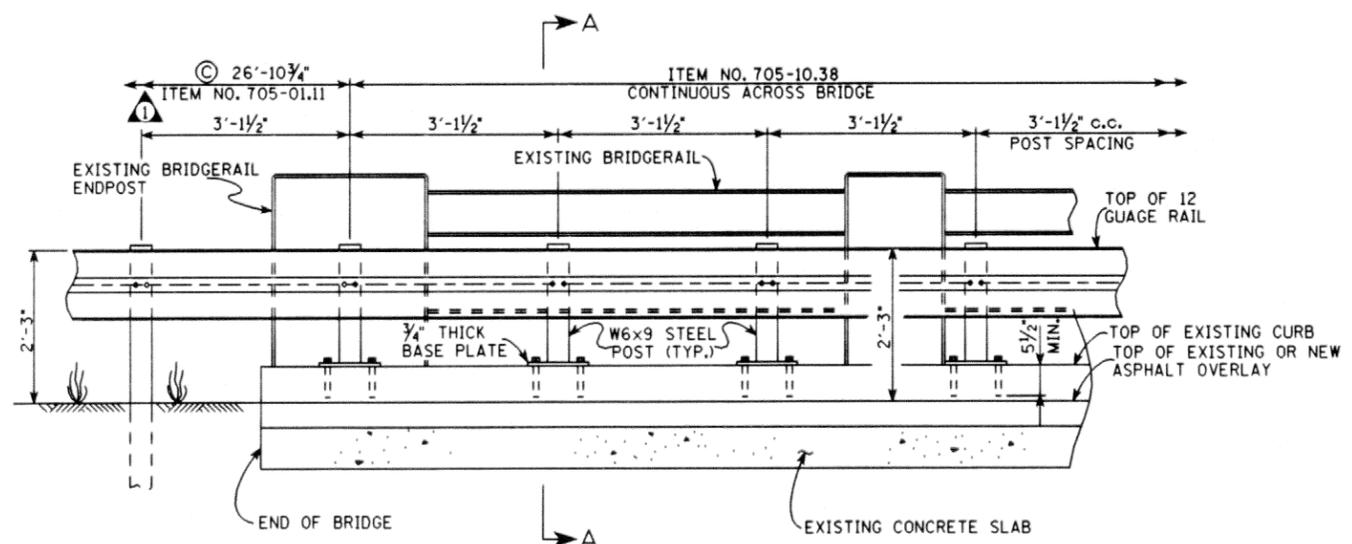
(A) NOTE: BEFORE SETTING BASE PLATES, TOP OF CURBS MAY REQUIRE REPAIR DUE TO SPALLING OF THE CONCRETE. WHEN REQUIRED, SURFACES SHALL BE CLEANED AND GROUTED SO AS TO OBTAIN A FLUSH CONNECTION FOR BASE PLATES. COST TO BE INCLUDED IN THE PRICE FOR PAY ITEMS.

NOTE: DETAILS ARE SHOWN FOR 2'-0" OR GREATER CURB WIDTHS FROM FACE OF EXISTING CONCRETE BRIDGERAIL.

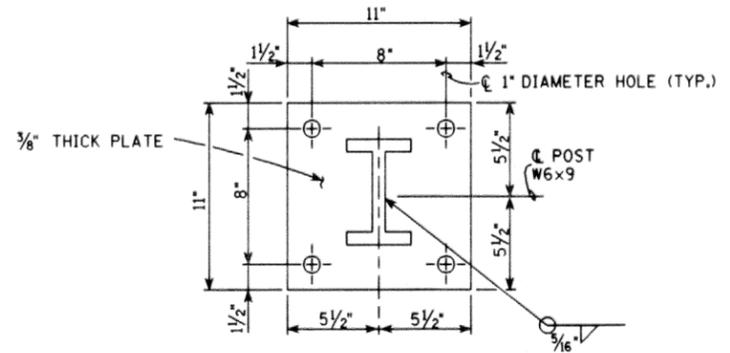


(C) NOTE: SEE STANDARD DRAWING NO. BR-2-146 FOR DETAILS OF ITEM NO. 705-01.11.

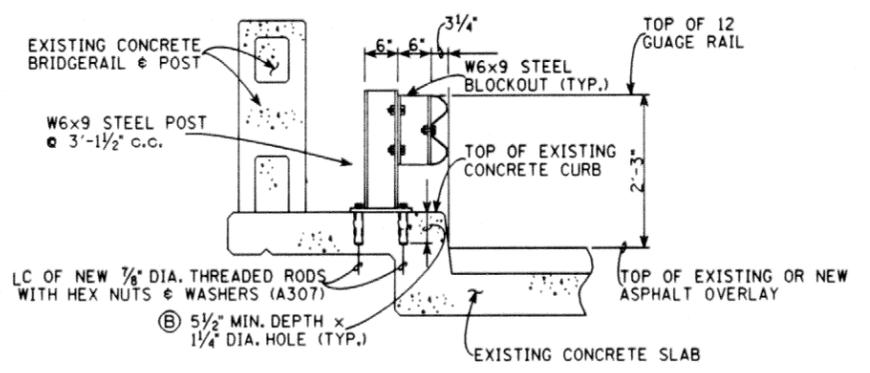
2 PLAN



1 ELEVATION



1 BASE PLATE DETAIL



2 SECTION A - A

(B) NOTE: 1/4" DIAMETER x 5 1/2" MIN. DEEP HOLES FOR 7/8" DIAMETER THREADED RODS (A307) SHALL BE DRILLED WITH A HIGH SPEED DRILL. THE DRILL BIT SHALL BE CAPABLE OF DRILLING THROUGH EXISTING REINFORCING STEEL BARS AND CONCRETE. AFTER DRILLING, THE HOLES SHALL BE CLEANED OUT AND PACKED WITH A NON-SHRINK CEMENT GROUT AND THE THREADED RODS DRIVEN TO THEIR SEAT. A LIST OF APPROVED GROUTS MAY BE OBTAINED FROM THE TENNESSEE DEPARTMENT OF TRANSPORTATION, DIVISION OF MATERIALS AND TEST. ALL WORK MUST MEET WITH THE APPROVAL OF THE ENGINEER.

GENERAL NOTES

SPECIFICATIONS: STANDARD ROAD AND BRIDGE SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION (CURRENT EDITION).

DESIGN SPECIFICATIONS: AASHTO CURRENT EDITION WITH ADDENDA.

NON-PAY ITEMS: ONLY ITEMS SHOWN ON THE PROPOSAL AS PAY ITEMS WILL BE PAID FOR. COMPENSATION FOR ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND INCIDENTALS FOR THE ENTIRE CONTRACT SHALL BE INCLUDED IN THE PRICE FOR PAY ITEMS.

NOTE: DETAILS OF GUARDRAIL SHALL CONFORM TO STANDARD DRAWING S-GR-SERIES, EXCEPT FOR THE DETAILS SHOWN THIS SHEET.

NOTE: PROFILE OF NEW GUARDRAIL SHALL CONFORM TO THE EXISTING ROADWAY GRADE.

NOTE: NEW 3/4" x 11" x 11" BASE PLATE SHALL CONFORM TO ASTM A36 AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123.

NOTE: THE COST OF ALL NEW GUARDRAIL, BOLTS, BASE PLATES, DRILLING AND ALL LABOR AND MATERIALS NECESSARY TO COMPLETE THE NEW GUARDRAIL CONNECTIONS AS SHOWN IN THESE DETAILS SHALL BE INCLUDED IN ITEM NO. 705-10.38, GUARDRAIL BRIDGERAIL ATTACHED TO BRIDGE CURBS, L.F.

DETAIL GRA - 38
ITEM NO. 705-10.38
LIN. FOOT

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
STANDARD SHOWING
DETAILS OF ATTACHING
GUARDRAIL BRIDGERAIL
TO TOP OF
EXISTING CURBS
1992

DESIGNED BY MCINTURFF DATE 10-92
DRAWN BY KDF & KLF DATE 12-92
SUPERVISED BY GENTRY & MCINTURFF DATE 12-92
CHECKED BY MCINTURFF DATE 12-92

CORRECT
APPROVED *Henry E. Hinds*
CL. NUMBER - INSPECTOR AND SEAL
David Evans
DEPUTY COMMISSIONER

1
SBR-2-144