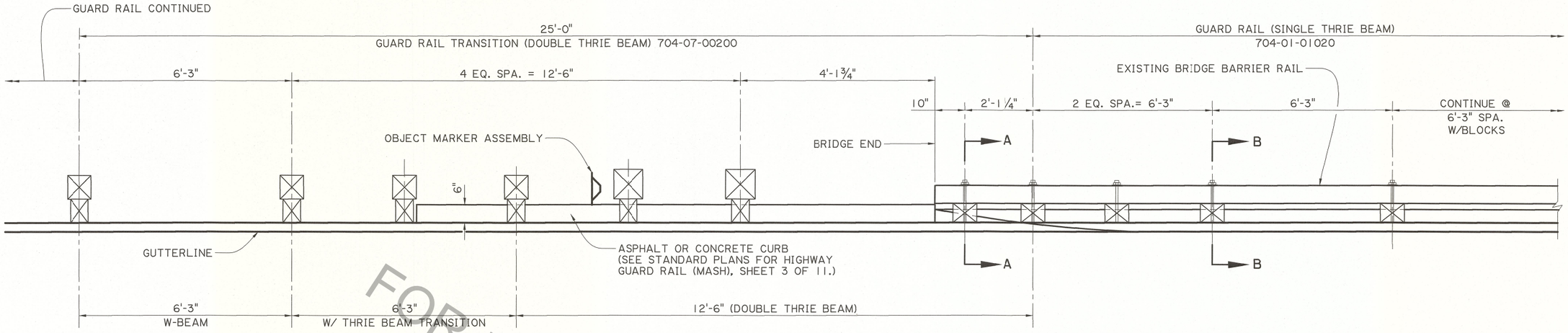
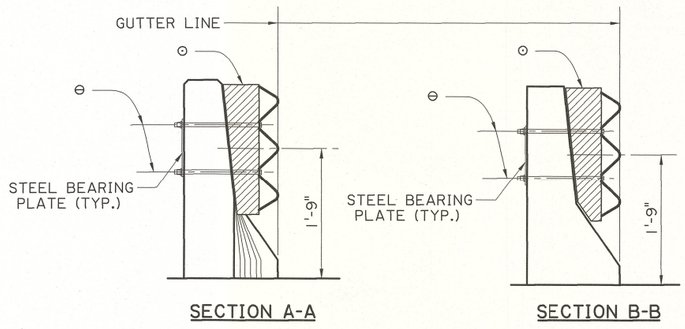
10/17/2017 15:59



PLAN VIEW



SECTION A-A

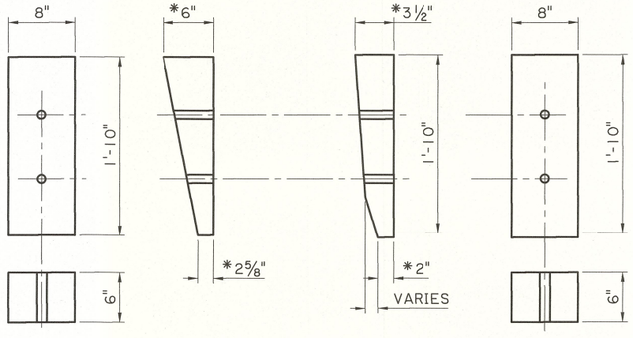
SECTION B-B

⊖ 2 - ⅝" ø BUTTON HEAD BOLTS WITH ⅝" BEARING PLATE, NUTS, & WASHERS. (TYP.)

⊙ 6" X 8" X 1'-10" TREATED TIMBER BLOCK (CUT & SHAPE IN THE FIELD TO FIT).

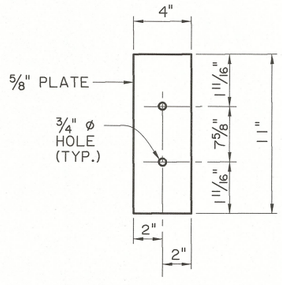
NOTES:

1. FOR ADDITIONAL INFORMATION ON GUARD RAIL TRANSITION, SEE STANDARD PLANS FOR HIGHWAY GUARD RAIL (MASH), SHEET 3 OF 11.
2. ALL HARDWARE AND TIMBER USED FOR CONNECTING THE SINGLE THRIE BEAM TO THE EXISTING BRIDGE RAIL SHALL BE PAID FOR UNDER ITEM 704-01-01020, GUARD RAIL (SINGLE THRIE BEAM), (6'-3" POST SPACING) PER LIN. FT.
3. ANY DAMAGE DONE TO THE EXISTING STRUCTURE DURING INSTALLATION OF THE GUARD RAIL SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE AND TO THE SATISFACTION OF THE PROJECT ENGINEER.
4. GALV. STEEL OGEE WASHER MAY BE USED IN LIEU OF THE STEEL BEARING PLATE.
5. ALL ⅝"ø BOLTS SHALL BE ASTM A307.
6. A 25'-0" SECTION OF GUARD RAIL (WITH NO SPLICE) SHALL BE INSTALLED SYMMETRICALLY WITH RESPECT TO THE SECOND POST ON EACH END OF THE STRUCTURE.
7. THE WOOD SHIM BLOCKS SHALL BE CUT & SHAPED IN THE FIELD TO FIT THE LOCATION WITH A SNUG FIT.
8. THE BOLT HOLES SHALL BE FIELD DRILLED THRU THE GUARD RAIL, SHIM BLOCKS AND THE BARRIER RAIL AT THE SAME TIME.
9. THE GUARD RAIL SHALL NOT PROTRUDE BEYOND THE GUTTER LINE.



SHIM BLOCK FOR SECTION A-A

SHIM BLOCK FOR SECTION B-B



STEEL BEARING PLATE

* DIMENSIONS ARE ASSUMED. ADJUST IN THE FIELD AS REQUIRED. HOLES SHALL BE DRILLED IN THE FIELD. SEE NOTE NO. 8.

FOR INFORMATIONAL PURPOSES ONLY

STATE OF LOUISIANA
KURT M. BRAUNER
License No. 30567
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
9/28/17

SHEET NUMBER

DESIGNED / CHECKED	PARISH	CONTROL SECTION	STATE PROJECT
P. FOSSIER / K. BRAUNER			
DETAILED / CHECKED	J. DOUCET / P. FOSSIER		
REVIEWED / SERIES #	C. GUIDRY		

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

NEW JERSEY BARRIER RAIL RETROFIT

FOR STRUCTURES LESS THAN 60 FEET
FOR USE WITH HIGHWAY GUARD RAIL (MASH)

B.D.2.6.5.2.08

BRIDGE AND STRUCTURAL DESIGN

IP_PWP:d0695339\BD.2.6.5.2.08_(MASH) Full-Raster.dgn