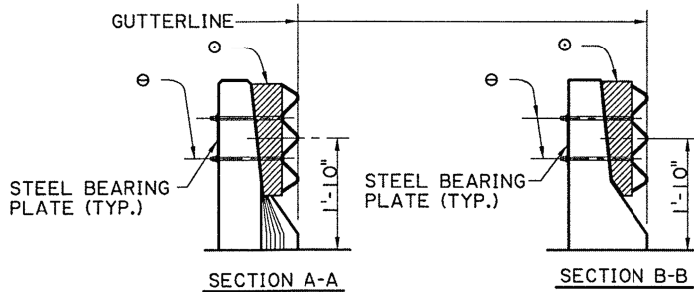


PLAN VIEW

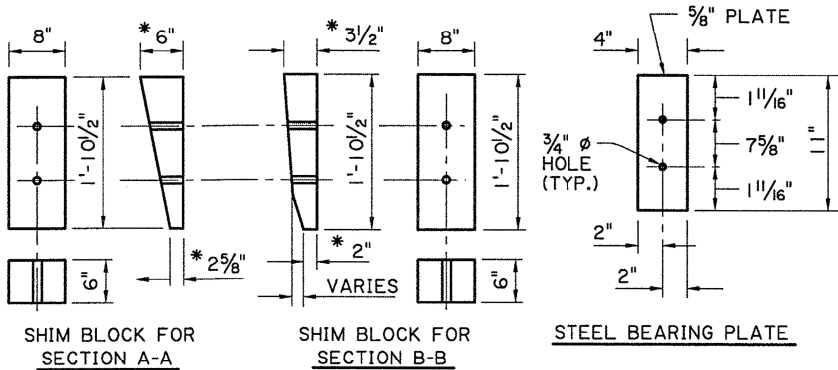


Ø 2 - 5/8" Ø BUTTON HEAD BOLTS WITH 5/8" BEARING PLATE, NUTS, & WASHERS. (TYP.)

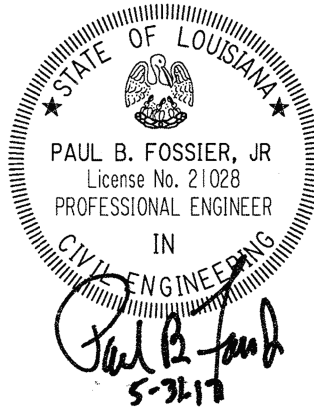
Ø 6" X 8" X 1'-10 1/2" TREATED TIMBER BLOCK (CUT & SHAPE IN THE FIELD TO FIT).

NOTES:

1. FOR ADDITIONAL INFORMATION ON GUARD RAIL TRANSITION, SEE STD. PLAN GR-200, SHEET 3 OF 10.
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 5/8" 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.



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



BRIDGE AND STRUCTURAL DESIGN		NEW JERSEY BARRIER RAIL RETROFIT FOR STRUCTURES LESS THAN 60 FT.		DESIGNED	P. FOSSIER	PARISH	SHEET NUMBER
				CHECKED	K. BRAUNER		
				DATE	4-8-16		
				REVISION OR CHANGE ORDER DESCRIPTION	GUARDRAIL HEIGHT, ANCHOR BOLT NOTE AND BASE PLATE		
				BY	P. F.		
				REVIEWED	C. GUIDRY	STATE PROJECT	
				SERIES #			
		B.D.2.6.4.1.08					