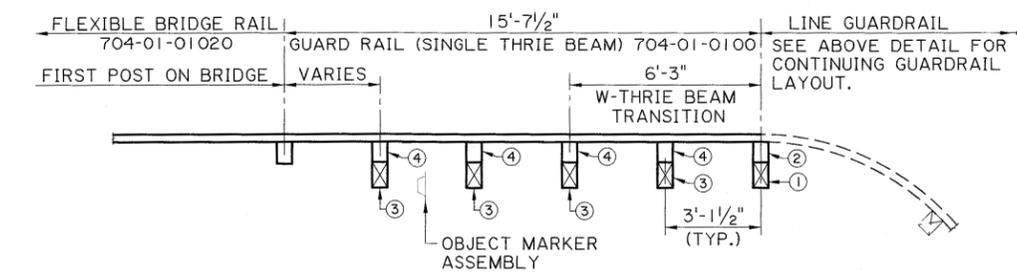


PLAN - GUARD RAIL TRANSITION FOR CONCRETE BRIDGE RAIL

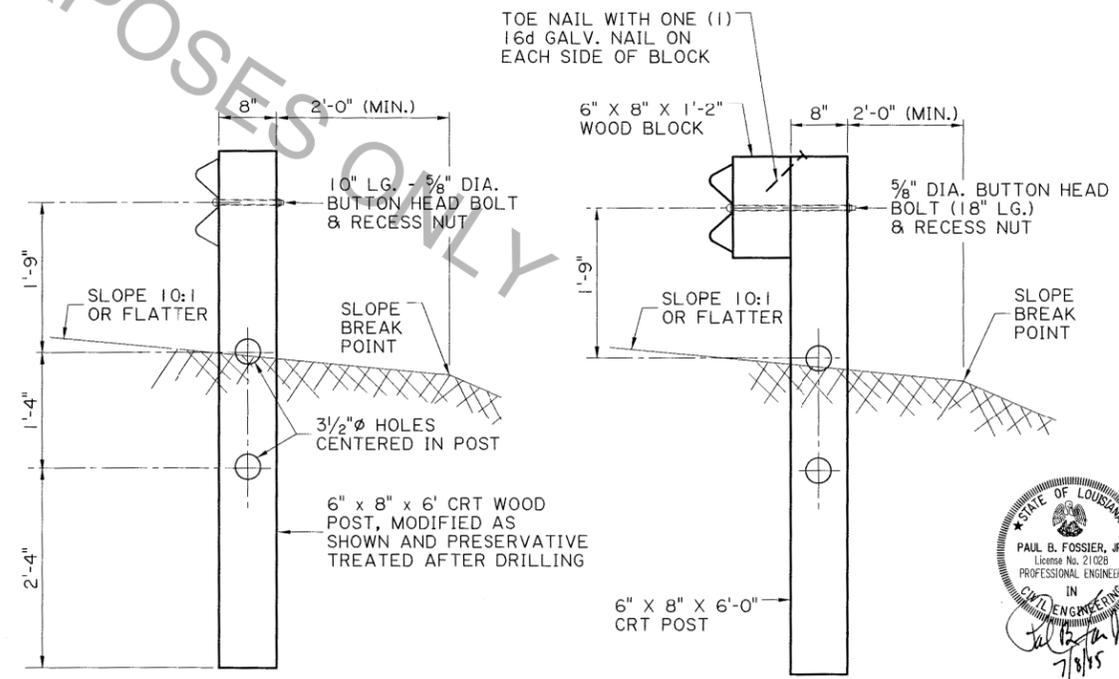
WOOD POST AND WOOD BLOCKOUT DIMENSIONS FOR CONCRETE RAIL OR FLEXIBLE RAIL TRANSITION	
NO.	SIZE (WxDxLENGTH)
①	6" x 8" x 6'-0" (CRT) POST
②	6" x 8" x 1'-2" BLOCKOUT
③	6" x 8" x 6'-0" POST
④	6" x 8" x 1'-10" BLOCKOUT



PLAN - GUARD RAIL TRANSITIONS FOR FLEXIBLE BRIDGE RAILS

NOTES:

1. THE USE OF THE W-BEAM TRAILING END SHALL BE LIMITED TO THE APPROACH ROADWAY SUCH AS RESIDENTIAL OR BUSINESS DRIVEWAYS OR OTHER SERVICE ROADWAYS. IF THE APPROACH ROADWAY CARRIES NORMAL HIGHWAY TRAFFIC, A CRASHWORTHY END TREATMENT, PAY ITEM 704-11-00100, 704-11-00200, OR 704-11-00300, SHALL BE USED IN LIEU OF THE W-BEAM TRAILING END.
2. THE CURVED GUARD RAIL SECTION SHALL BE SHOP BENT.
3. THE RAIL IS NOT BOLTED TO THE CRT POST AT THE CENTER OF THE NOSE AS SHOWN.
4. NO WASHERS ARE USED ON THE 5/8" Ø BUTTON HEAD BOLTS CONNECTING THE RAIL TO THE CABLE RELEASE TERMINAL (CRT) POSTS.
5. BOLTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 307 AND NUTS TO THE REQUIREMENTS OF ASTM A 563, GRADE A OR BETTER, AND BE GALVANIZED IN ACCORDANCE WITH ASTM A 153.
6. ALL ANGLES, CHANNELS AND PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 36 AND STRUCTURAL TUBING TO ASTM A 500. WELDING SHALL MEET THE CURRENT REQUIREMENTS OF THE ANSI/AASHTO/AWS, BRIDGE WELDING CODE. ALL STRUCTURAL STEEL SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 123. NO PUNCHING, DRILLING, CUTTING OR WELDING WILL BE PERMITTED AFTER GALVANIZING.
7. THE WOOD BREAKAWAY POST SHALL BE S4S TIMBER WITH A STRESS GRADE OF 1200 PSI AND SHALL BE GRADE MARKED OR CERTIFIED BY A RECOGNIZED ASSOCIATION OR AGENCY WHICH IS CERTIFIED BY THE BOARD OF REVIEW, AMERICAN LUMBER STANDARDS COMMITTEE, TO GRADE THE SPECIES. SEE SHEET 7 OF 10 FOR DETAILS.
8. FOR BOLT DETAILS, SEE SHEET NO. 9 OF 10.
9. WOOD POST AND BLOCKS SHALL BE TREATED IN ACCORDANCE WITH SECTION 1014 OF DOTD STD. SPECIFICATIONS.
- ⑩ 10. 13'-6" LONG CURB REQUIRED, SEE SHEET 3 OF 10 FOR DETAILS.
11. THE SLOPE IN FRONT OF THE INSTALLATION SHOULD NOT EXCEED 10H:1V.
12. TOP OF GUARD RAIL TO BE INSTALL 27" ABOVE GROUND LINE.
- ⊕ 13. LENGTH OF W-BEAM SECTION MAY INCREASE TO MEET SITE CONSTRAINTS FROM 6'-3" (MIN.)



SECTION A - A
N.T.S.

SECTION B - B
N.T.S.

SHEET NUMBER		PARISH		CONTROL SECTION		STATE PROJECT	
DESIGNED BY	P. FOSSIER	CHECKED BY	K. BRAUNER	DRAWN BY	C. OWENS	DATE	MARCH 2015
REVISION	3-2-15	DATE	3-2-15	REVISION DESCRIPTION	REVISED DETAIL	BY	P.F.
APPROVED BY	James P. Williams			DATE	7-15-2015		
HIGHWAY GUARD RAILS		BRIDGE ENDS (T-INTERSECTION)		DOTD		BRIDGE & STRUCTURAL DESIGN	