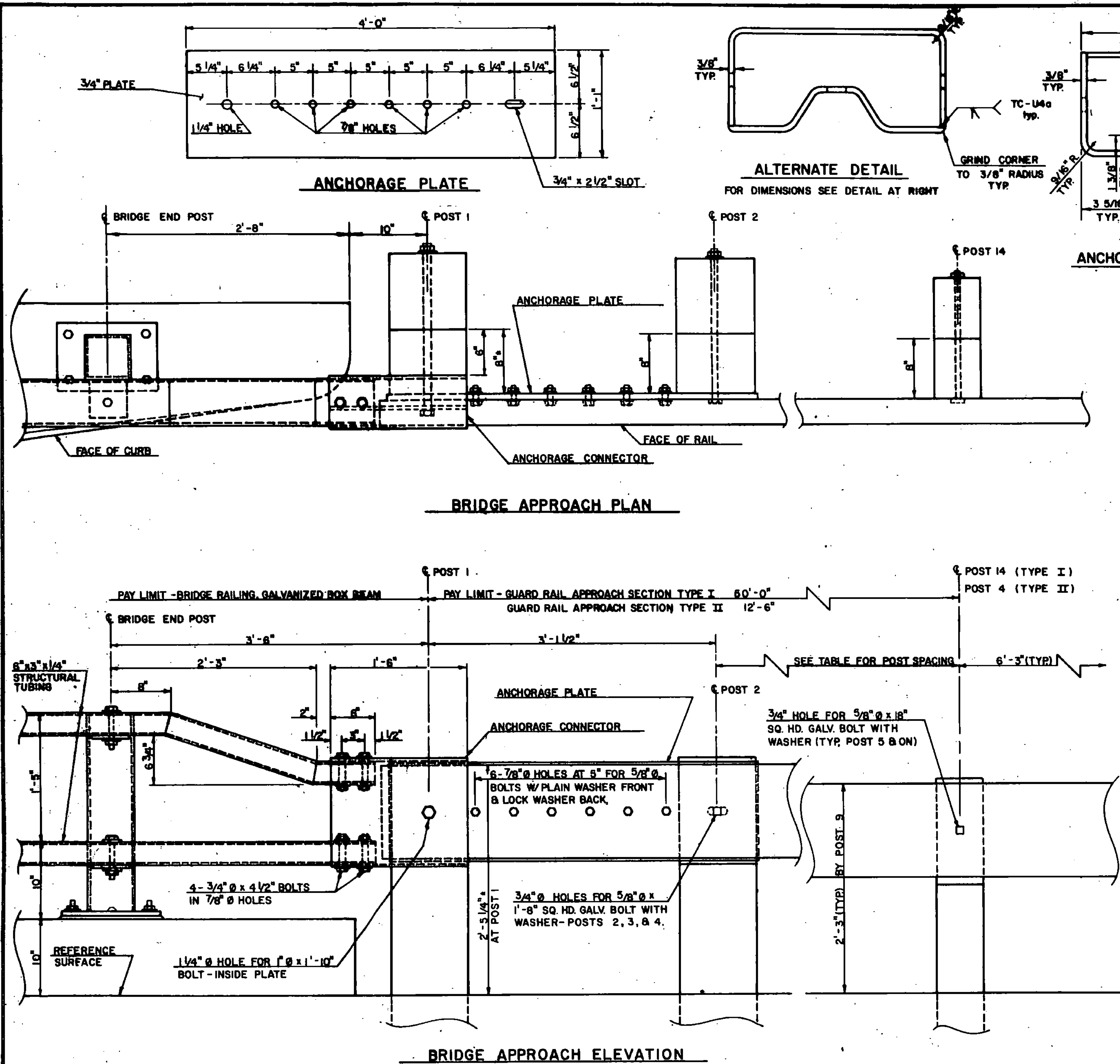




- NOTES**
1. REFER TO STANDARD G-1 FOR DETAILS OF APPROACH GUARD RAIL.
 2. APPROACH RAIL SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
 3. ANCHORAGE CONNECTOR AND ANCHORAGE PLATE SHALL BE ASTM A 36 STEEL GALVANIZED TO ASTM A 123 AFTER FABRICATION.
 4. REFER TO STANDARD SB-R4A-82 FOR NOTES AND DETAILS OF BRIDGE RAILING.
 5. GUARD RAIL APPROACH SECTION-TYPE I & II SHALL INCLUDE ANCHORAGE PLATE, ANCHORAGE CONNECTOR, RAIL, POSTS, BLOCKS, AND ATTACHMENT HARDWARE.
 6. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 50'-0" FROM THE E OF POST 1 FOR TYPE I AND 12'-6" FROM THE E OF POST 1 FOR TYPE II.
 7. ALLOWABLE DIMENSIONAL TOLERANCE FOR BENT SECTIONS IS $\pm 1/16$ OF AN INCH.

GUARD RAIL APPROACH SECTION TYPE I

POST NO.	POST SIZE	OFFSET BLOCK	SPACING	
END POST				
1	10" x 10"	10" x 6"	3'-6"	
2	10" x 10"	10" x 6"	3'-1 1/2"	
3	10" x 10"	10" x 6"	3'-1 1/2"	
4	10" x 10"	10" x 6"	3'-1 1/2"	
5	8" x 8"	8" x 8"	3'-1 1/2"	
6	8" x 8"	8" x 8"	3'-1 1/2"	
7	8" x 8"	8" x 8"	3'-1 1/2"	
8	8" x 8"	8" x 8"	3'-1 1/2"	
9	8" x 8"	8" x 8"	3'-1 1/2"	
10	8" x 8"	8" x 8"	4'-2"	
11	8" x 8"	8" x 8"	4'-2"	
12	8" x 8"	8" x 8"	4'-2"	
13	8" x 8"	8" x 8"	6'-3"	
14	8" x 8" (TYP)	8" x 8" (TYP)	6'-3" (TYP)	

GUARD RAIL APPROACH SECTION TYPE II

POST NO.	POST SIZE	OFFSET BLOCK	SPACING	
END POST				
1	10" x 10"	10" x 6"	3'-6"	
2	10" x 10"	10" x 6"	3'-1 1/2"	
3	8" x 8"	8" x 8"	4'-8 1/4"	
4	8" x 8"	8" x 8"	4'-8 1/4"	
			6'-3" (TYP)	

GUARD RAIL APPROACH SECTION-TYPE I & TYPE II



**STANDARD
SB-R4B-82**

REVISIONS AND CORRECTIONS

1. ADDED TYPE II APPROACH DETAILS, AND REVISED ANCHORAGE CONNECTOR DETAILS. R. HAUPY 9/7/83
2. ADDED DIMENSION TO POST NO. 1. R.S.H. 12-13-84

APPROVED:

DATE: DECEMBER 28, 1981

W. M. Smith
CHIEF OF DESIGN
STRUCTURES ENGINEER

S. J. Goss
DIRECTOR OF ENGINEERING AND CONSTRUCTION