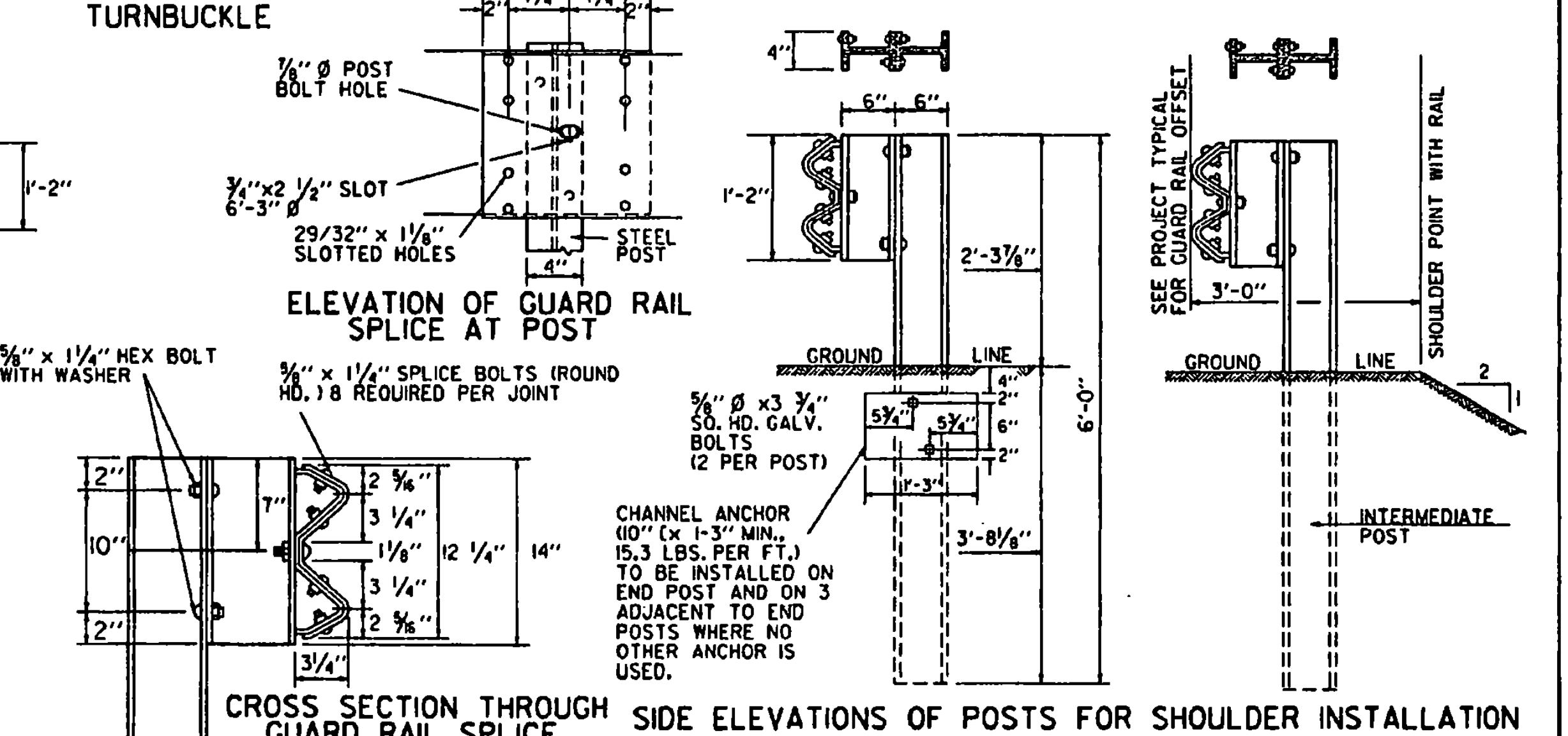
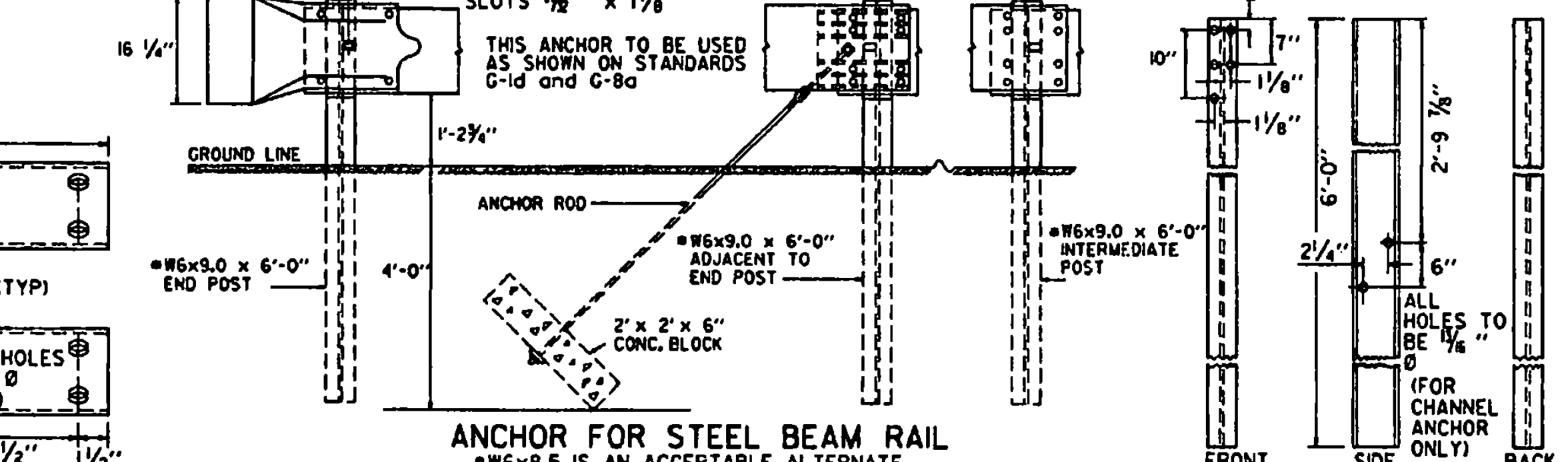
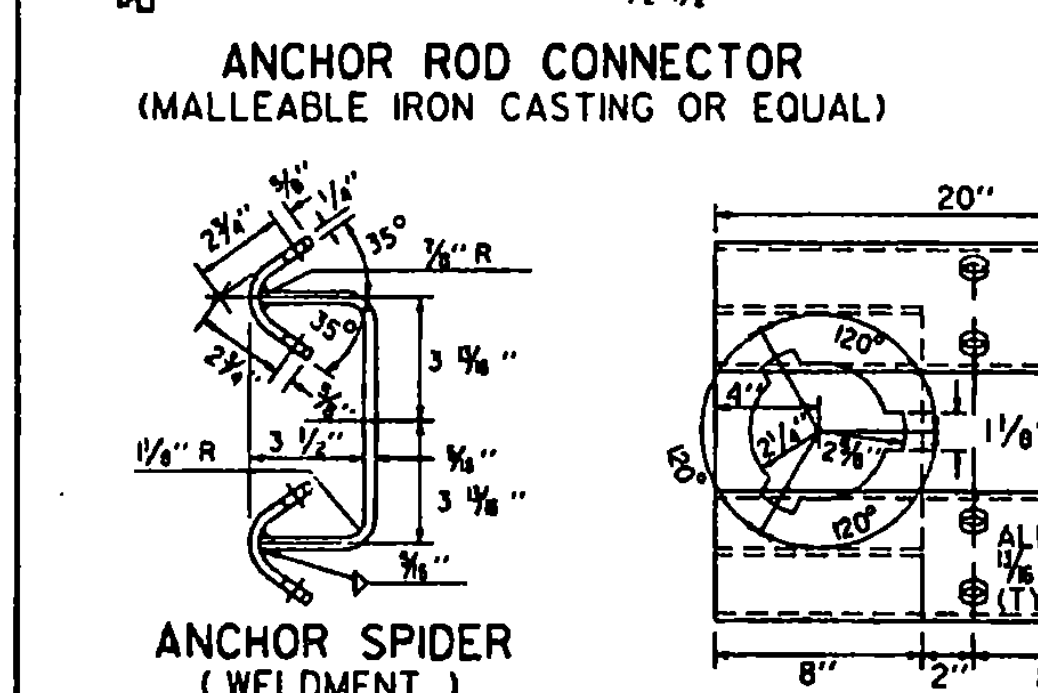
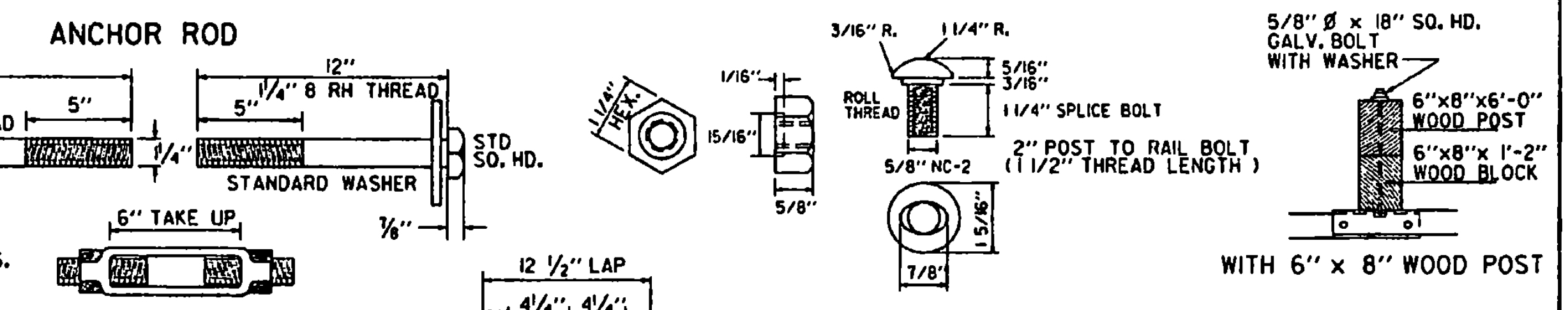
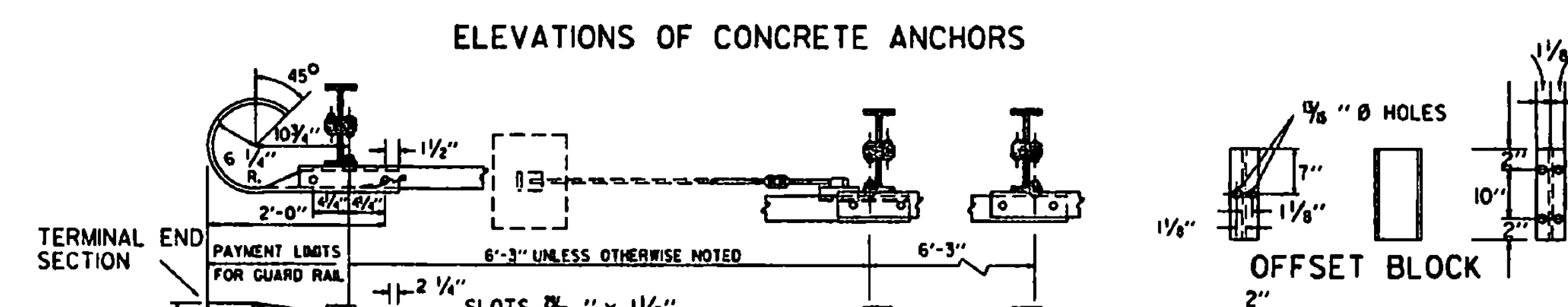
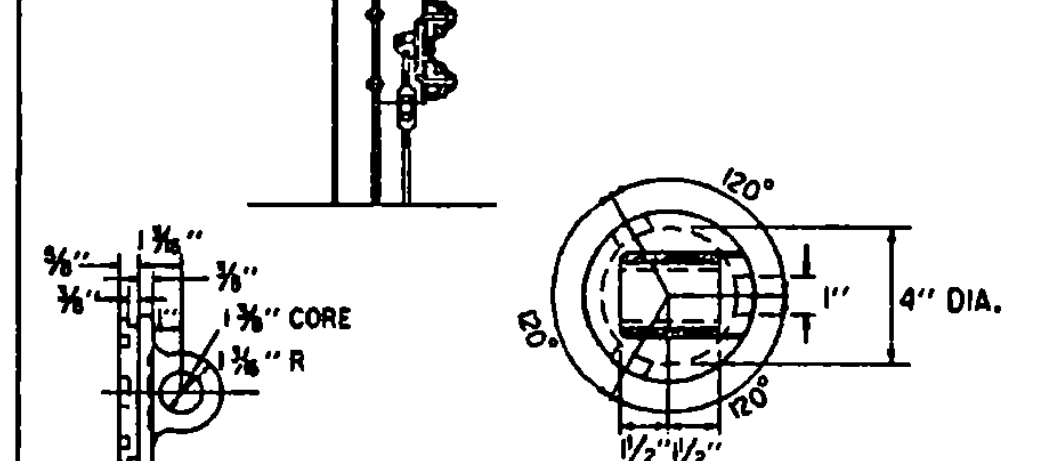
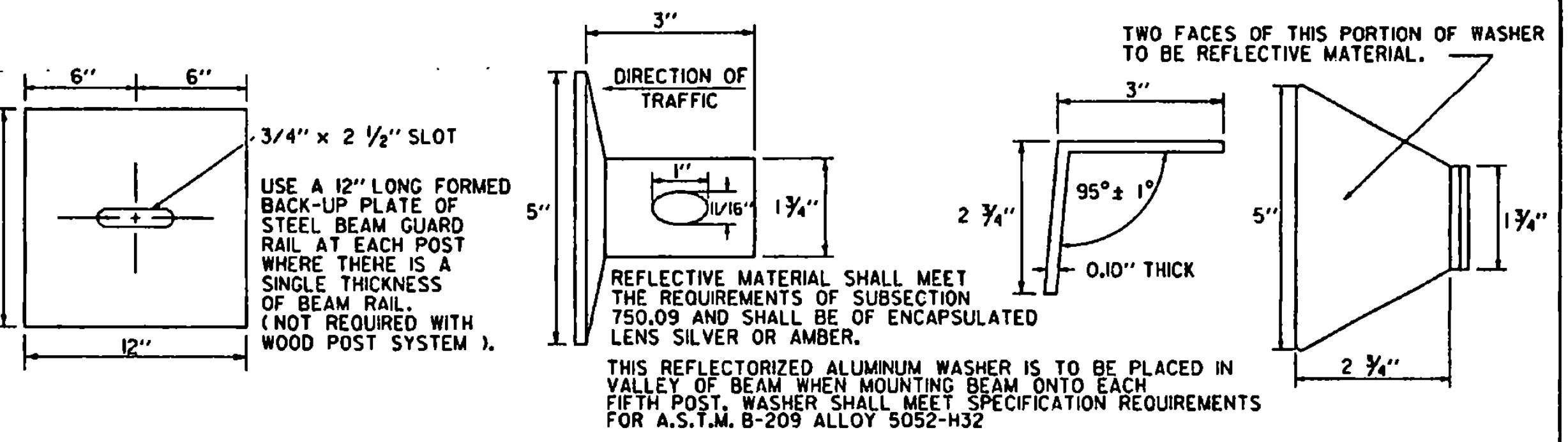
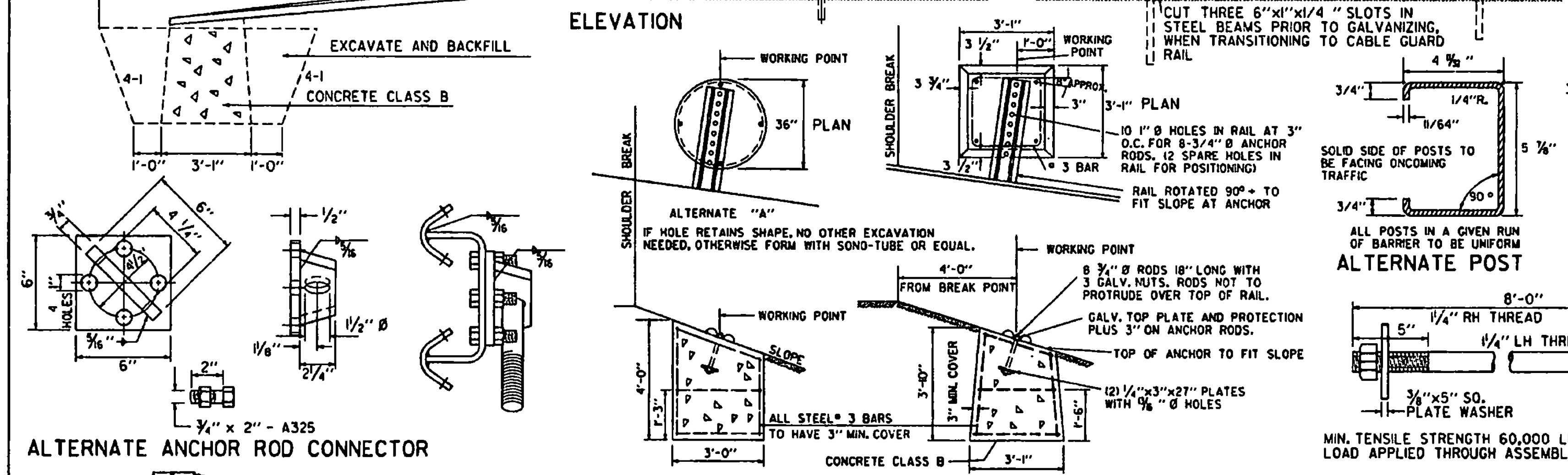
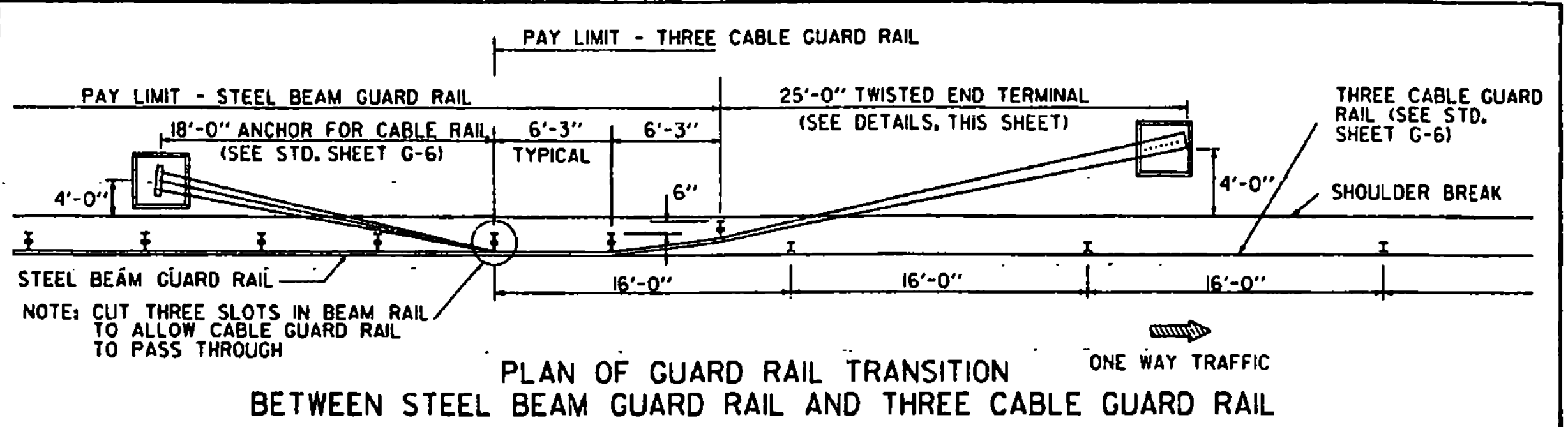


BEAM GAGE	MIN. TENSILE STRENGTH (LBS.)	RAIL OR JOINT				
		TRAFFIC FACE UP		TRAFFIC FACE DOWN		
		LOAD (LBS.)	MAXIMUM DEFL. (INCHES)	LOAD (LBS.)	MAXIMUM DEFL. (INCHES)	
STD.	12	80,000	1,800	5"	1,800	5"
HEAVY DUTY	10	100,000	2,000	2"	1,500	5"

STRENGTH - RAIL ELEMENT SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF THE ABOVE TABLE. THE POST CONNECTION SHALL WITHSTAND A 5,000 POUND SIDE RAIL IN EITHER DIRECTION. STANDARD STEEL BEAM TO BE 12 GAGE AND THE HEAVY DUTY TO BE 10 GAGE.



**REVISIONS AND CORRECTIONS**

DEC. 8, 1971 - ORIGINAL APPROVAL DATE  
 APR. 10, 1972 - POST HEIGHT INCREASED  
 JAN. 17, 1978 - REVISED ANCHOR DETAIL  
 JUNE 1, 1978 - CHANNEL ANCHOR DETAILS CHANGED  
 MAY 28, 1979 - NOTE ON REFLECTIVE MATERIAL CHANGED  
 DEC. 18, 1980 - INCREASED SHOULDER WIDENING FOR GUARD RAIL  
 MAR. 12, 1984 - REVISED ANCHOR SPIDER DETAILS  
 JUNE 5, 1984 - POST SIZE AND BACK UP PLATE NOTE CHANGED  
 DEC. 21, 1984 - REMOVED POST WASHER  
 OCT. 31, 1985 - REVISED TO CONFORM TO 1986 SPECIFICATIONS  
 JUNE 1, 1994 - REISSUED, WITHOUT CHANGE, UNDER NEW SIGNATURES.

**APPROVED**

*George D. McCallum, PE*  
 DIRECTOR OF ENGINEERING

*John M. Murphy, PE*  
 DESIGN ENGINEER

**STEEL BEAM GUARD RAIL  
 HEAVY DUTY STEEL BEAM GUARD RAIL  
 TWISTED END TERMINAL  
 ANCHOR FOR STEEL BEAM RAIL**

**VERMONT AGENCY OF TRANSPORTATION**

**STANDARD G-1**