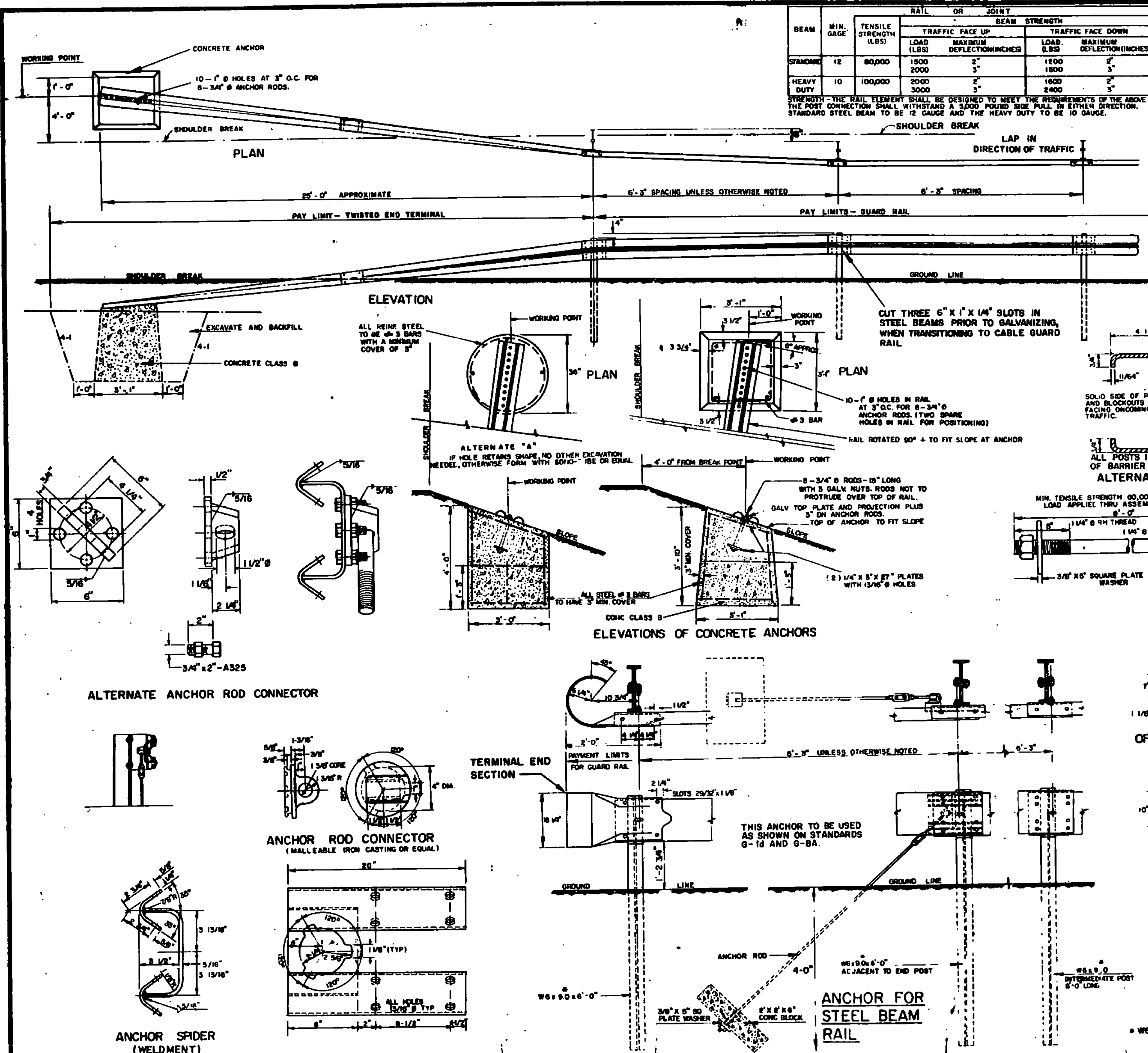
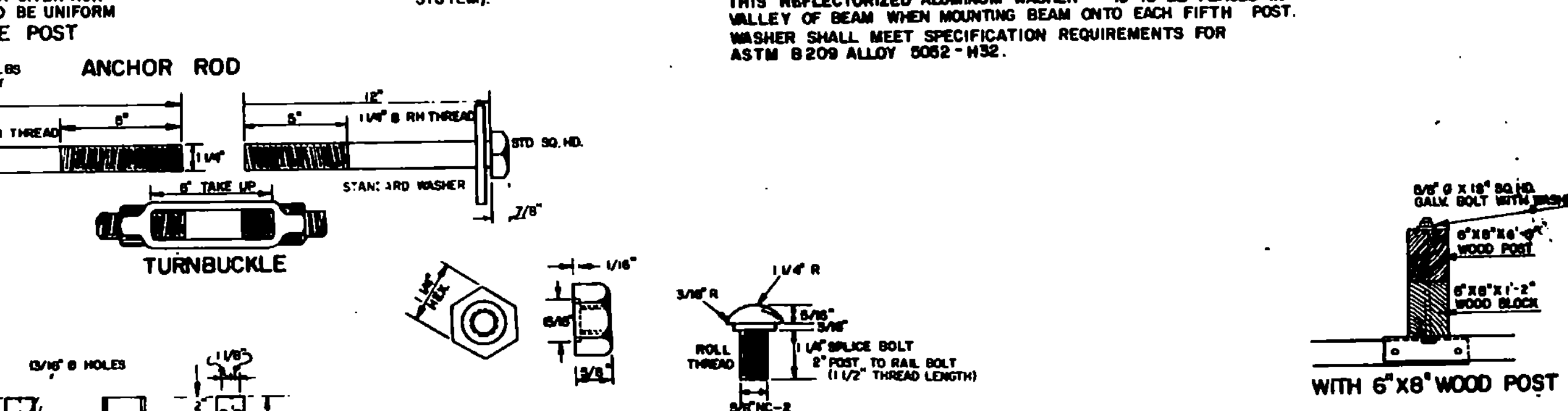
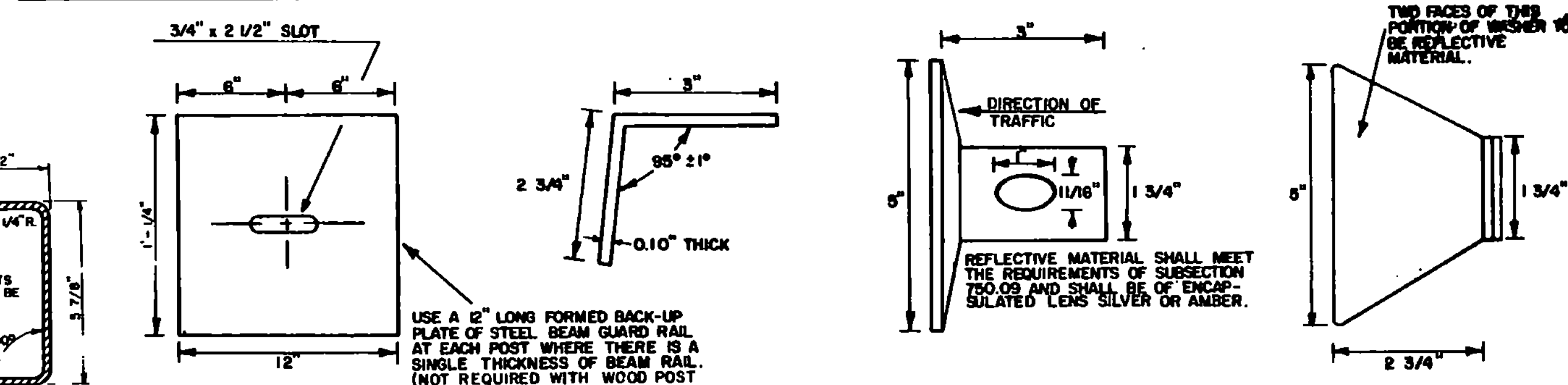
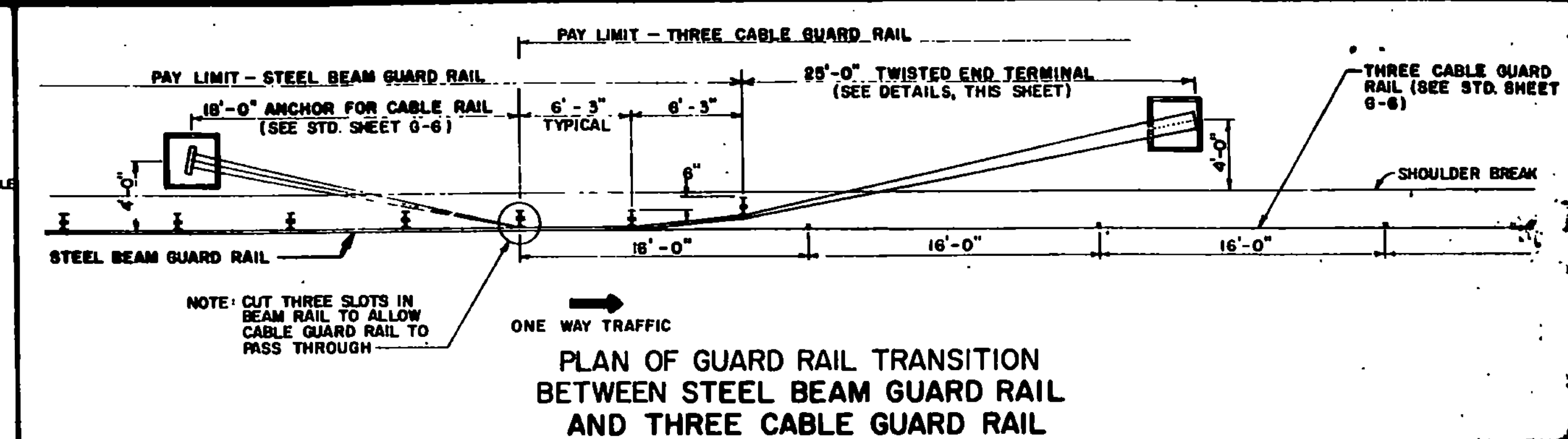




BEAM	MIN. GAGE	TENSILE STRENGTH (LBS)	RAIL OR JOINT		BEAM STRENGTH	
			TRAFFIC FACE UP	TRAFFIC FACE DOWN	LOAD (LBS)	MAXIMUM DEFLECTION (INCHES)
STANDARD	12	80,000	1500	2"	1200	2"
			2000	3"	1800	3"
HEAVY DUTY	10	100,000	3000	2"	1600	2"
			3000	3"	2400	3"

STRENGTH OF THE RAIL ELEMENT SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF THE ABOVE TABLE. THE POST CONNECTION SHALL WITHSTAND A 3000 POUND SIDE PULL IN EITHER DIRECTION. STANDARD STEEL BEAM TO BE 12 GAUGE AND THE HEAVY DUTY TO BE 10 GAUGE.



REVISIONS AND CORRECTIONS

APR. 10, 1972 POST HEIGHT INCREASED

JULY 9, 1973 NEW TRANSITION DETAIL ADDED

JUNE 4, 1974 TRANSITION REVISED, ALTERNATE ANCHOR ROD CONNECTOR AND ALTERNATE POST ADDED

NOV. 29, 1977 ANCHOR DETAIL FOR STEEL BEAM GUARD RAIL WITH STEEL OR WOOD POSTS REMOVED.

JAN. 17, 1978 REVISED ANCHOR DETAIL.

JUNE 1, 1978 CHANNEL ANCHOR DETAILS CHANGED.

MAY 28, 1979 NOTE ON REFLECTIVE MATERIAL CHANGED

DEC. 16, 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 WITH 1986 SPECIFICATIONS

APPROVED:

R. W. Arnold
CHIEF ENGINEER

E. H. Stinchney
ASST. CHIEF ENGINEER

G. M. Lane
HIGHWAY ENGINEER

STEEL BEAM GUARD RAIL

HEAVY DUTY STEEL BEAM GUARD RAIL

TWISTED END TERMINAL

ANCHOR FOR STEEL BEAM RAIL

VERMONT AGENCY

STANDARD

G-1