

APPROACH END DETAIL
(NOT APPROVED FOR USE WHERE V > 40 MPH)

STANDARD SHEET G-1 TO BE USED IN CONJUNCTION WITH THIS SHEET WHEN ANCHOR FOR STEEL BEAM RAIL IS REQUIRED.

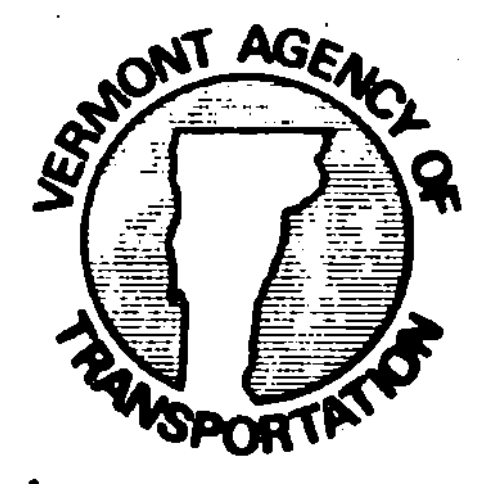
BEAM	MIN. GAGE	TENSILE STRENGTH (LBS.)	RAIL OR JOINT			
			TRAFFIC FACE UP		TRAFFIC FACE DOWN	
			LOAD (LBS)	MAXIMUM DEFLECTION (INCHES)	LOAD (LBS)	MAXIMUM DEFLECTION (INCHES)
STANDARD	12	80,000	1,500 2,000	2" 3"	1,200 1,600	2" 3"
HEAVY DUTY	10	100,000	2,000 3,000	2" 3"	1,800 2,400	2" 3"

STRENGTH - THE RAIL ELEMENT SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF THE ABOVE TABLE. THE POST CONNECTION SHALL WITHSTAND A 5,000 POUND SIDE PULL IN EITHER DIRECTION. ALL METAL PARTS SHALL BE GALVANIZED. ALL WOOD POSTS SHALL BE GIVEN A PRESERVATIVE TREATMENT. STANDARD STEEL BEAM TO BE 12 GAGE AND THE HEAVY DUTY TO BE 10 GAGE.

REVISIONS & CORRECTIONS
SEPT. 10, 1976 - MINIMUM LENGTH & ADVANCE OF NEED NOTES REMOVED.
MAR. 2, 1977 - ROUND WOOD POSTS REMOVED.
SEPT. 12, 1977 - REFERENCE TO ROUND WOOD POSTS REMOVED.
MAY 29, 1979 - NOTE ON REFLECTIVE MATERIAL CHANGED
APRIL 28, 1980 - APPROACH END DETAILS REDRAWN
DEC. 16, 1980 - INCREASED SHOULDER WIDENING FOR GUARD RAIL.
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: *E. H. Stickney*
DATE: May 6, 1976
CHIEF ENGINEER
R. O. Munn
ASST. CHIEF ENGINEER
Loren G. Jones
HIGHWAY ENGINEER

STEEL BEAM GUARD RAIL
HEAVY DUTY STEEL BEAM GUARD RAIL
STEEL BEAM MEDIAN BARRIER
ANCHOR FOR STEEL BEAM RAIL



STANDARD
G-1d