

BEAM	MIN. GAGE	TENSILE STRENGTH (LBS.)	RAIL OR JOINT			
			BEAM STRENGTH		JOINT STRENGTH	
			TRAFFIC FACE UP	TRAFFIC FACE DOWN	TRAFFIC FACE UP	TRAFFIC FACE DOWN
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"	1,600 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 1586 SPECIFICATIONS.

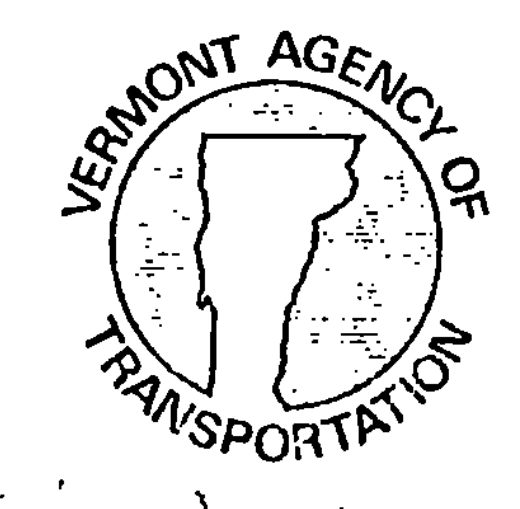
APPROVED: *E. H. Stickey*
CHIEF ENGINEER

R. O. Munn
ASST. CHIEF ENGINEER

Laura E. Jones
HIGHWAY ENGINEER

DATE: May 6, 1976

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



STANDARD
G-1d