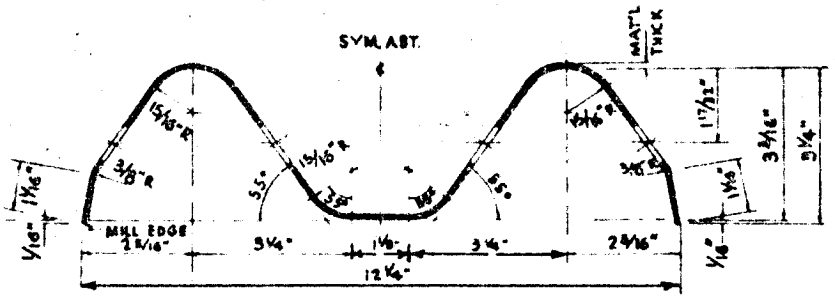
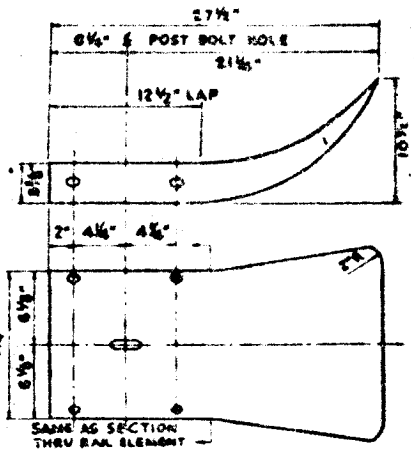
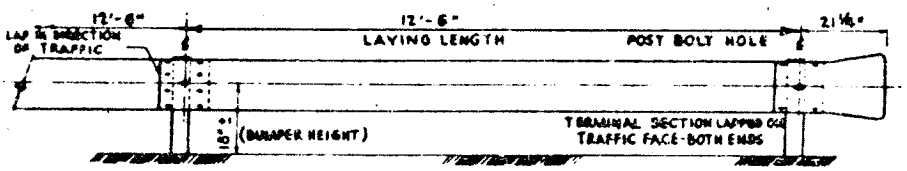
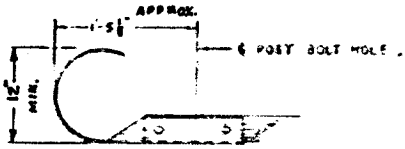


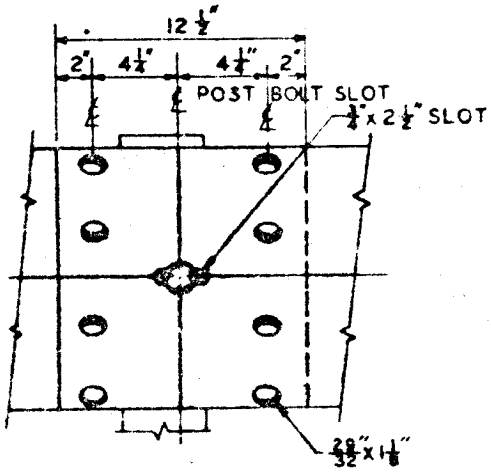
SECTION THRU RAIL ELEMENT



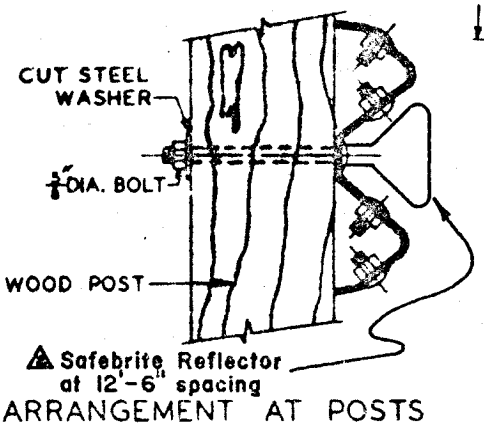


INSTALLATION

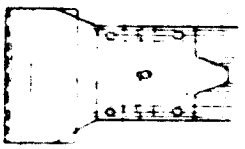




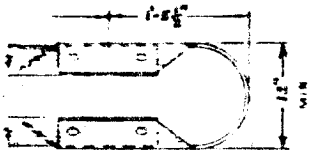
RAIL SPLICE



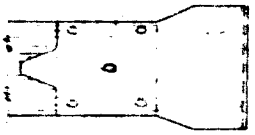
ARRANGEMENT AT POSTS



Optional TERMINAL SECTIONS

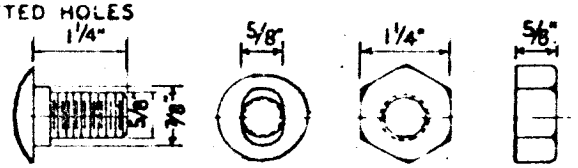


PLAN



ELEVATION

BACK-TO-BACK ARRANGEMENT FOR MEDIAN STRIPS & PARKING LOTS



SPLICE BOLT
8 REQ'D PER SPLICE

NUT
9 REQ'D PER RAIL ELEMENT

DIMENSIONS AND MECHANICAL PROPERTIES

Min. Gage ——— 12
Min. x-section area —1.99 sq. in.
Min. Moment of Inertia (Horiz.) —2.30 in.^{4}
Min. Moment of Inertia (Vert.) —30 in.^{4}
Min. Section Modulus —1.37 in.^{3}
Min. Wt. per Ft. ——— 6.80 lbs.

SAFEBRITE REFLECTOR DISTRIBUTOR: ANDERSON GUARD RAIL CORP.
2601 N. DORT HWY
FLINT, MICH. 4850

NOTES:

SPECIFICATIONS shall equal or exceed those of Armco, Bethlehem, and/or American (U.S.S.).

POSTS shall be 6" x 8" timber, (6" x 6" for parking lots), 6' long (5' in lots), set approximately 4' below ground line (3' in lots). Posts to be painted same color as rails. Posts to be treated Douglas Fir.

FINISH - All metal parts, including rails, terminal sections, bolts, washers, nuts, etc., shall be galvanized. Upon completion of installation, guard rail and posts shall be given two coats of white paint conforming to Div. of Hwys. Spec. 52-G-10 (Sec. 32, Chap II, Par. J, Div of Hwys Std Specs) over one prime coat of zinc chromate primer.

PARKING METERS, when required, shall be located approximately 3" behind guard rails and along center line of back-to-back installations.

TERMINAL SECTIONS in parking lots shall be the wrap-around type. Highway installations may be either type unless otherwise noted.

⚠ GUARD RAIL POSTS in parking lots shall be set by cutting and/or digging post holes (after completion of any paving, if required), setting posts, and backfilling to grade with concrete, sloped to drain away from post.

Approved [signature] Traffic Engineer
Date 10-14-58 H. Ball

REVISIONS

DATE	MARK	BY	APPROVED
6-15-59	⚠	H. Ball	Revised to apply to STEEL guard rail only.
2-3-60		N. BALL	POST INSTALLATION.
6-23-70	⚠	E. J.	

STEEL GUARD RAIL (BEAM TYPE)

CITY OF RIVERSIDE, CALIFORNIA

TRAFFIC AND PARKING DIV., DEPT. OF PUBLIC WORKS

STANDARD DRAWING NO. 650