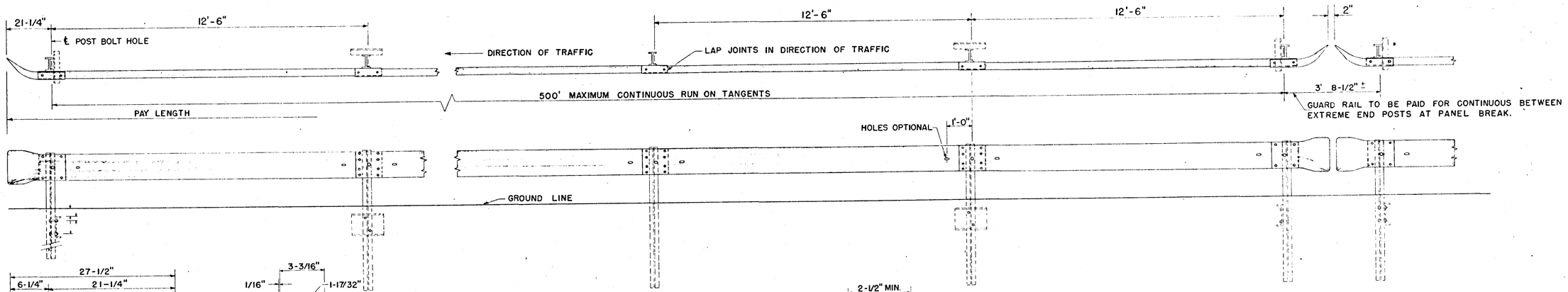
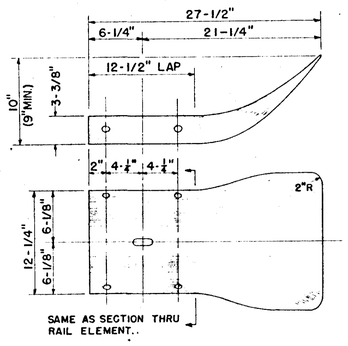
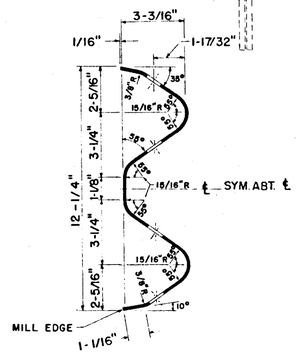


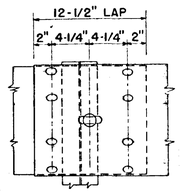


TERMINAL SECTION

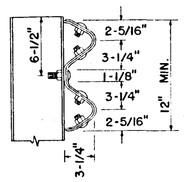
12 GAUGE ONLY

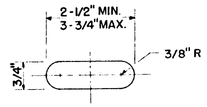


SECTION THROUGH RAIL ELEMENT

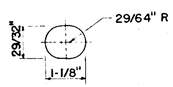


GUARD RAIL SPLICE AT POST

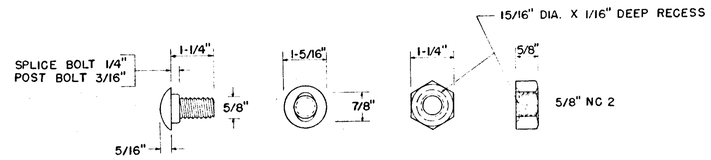




POST BOLT HOLE



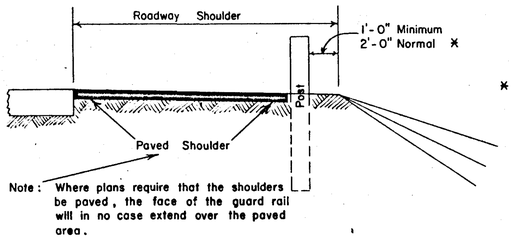
SPLICE BOLT HOLE



SPLICE BOLT
8 REQ'D. PER SPLICE

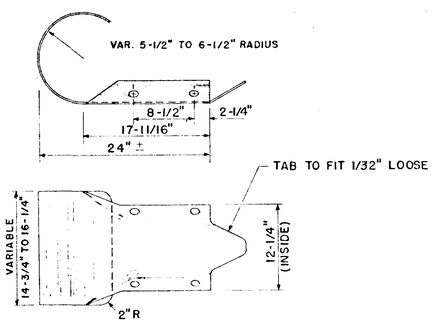
NUT
9 REQ'D. PER RAIL ELEMENT

POST BOLT SAME EXCEPT LENGTH AND NO HEAT TREATING. 1 REQ'D. PER POST. STD. LENGTHS; 2", 5", 8", 10-1/2"



* The minimum dimension from edge of pavement to face of guard rail on interstate projects must be 10'.

LOCATION OF GUARD RAIL POST



12 GAUGE MIN.

ALTERNATE TERMINAL SECTION

GENERAL NOTES

SPECIFICATIONS: GEORGIA STANDARD AND SPECIAL PROVISIONS.

GAUGE: 12 GAUGE SPECIFIED FOR ROADWAY & 10 GAUGE FOR BRIDGES.

POSTS: FOR DETAILS OF POSTS SEE GEORGIA STANDARD NO. 4033

ON PROJECTS WHERE GUARD RAIL CONNECTIONS AT BRIDGE ENDS HAVE BEEN PLACED ON PREVIOUS CONTRACTS, THE END PANEL PLATE MAY BE SHORTENED BY CUTTING OR SHEARING TO FIT EXISTING STRUCTURE.

AFTER ERECTION OF GUARD RAIL AND BEFORE PAINTING, ALL BOLT THREADS ARE TO BE BURRED TO PREVENT REMOVAL OF NUTS.

WHEN GUARD RAIL IS REQUIRED ON CURVES WITH RADII LESS THAN 150', PRECURVED RAIL WILL BE REQUIRED.

REVISIONS	BY	DATE
Guard Rail Splice Rev.	J.W.M.	11-8-56
Revised Guard Rail Rev.	J.W.M.	Nov. 14, 58
Revised Guard Rail Rev.	J.W.M.	Jan. 2, 59

STATE HIGHWAY DEPARTMENT OF GEORGIA
ENGINEERING DEPARTMENT

STANDARD
DEEP BEAM HIGHWAY GUARD RAIL

NO SCALE — AUGUST 1956

DESIGNED
DRAWN J.W.M.
TRACED J.W.M.
CHECKED

SUBMITTED J. Bennett ROAD DESIGN ENGINEER
APPROVED J. Madison STATE HIGHWAY ENGINEER

NUMBER 4032