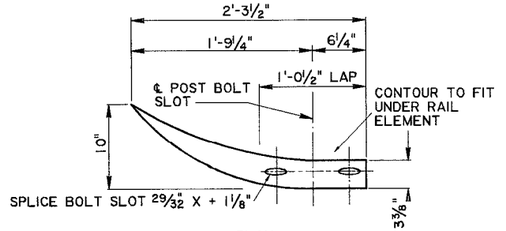
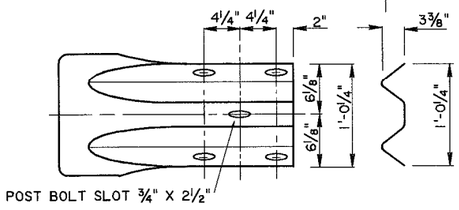
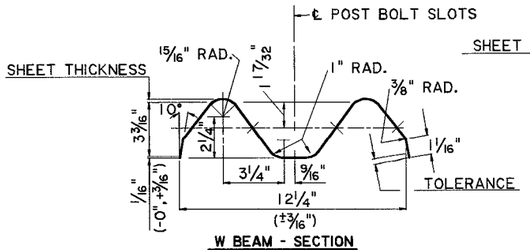


PLAN

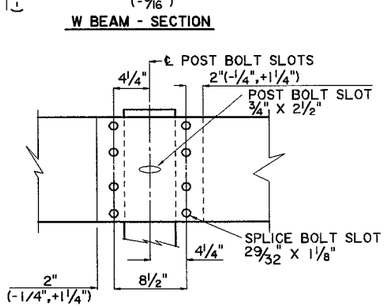


ELEVATION

W BEAM END SECTION(FLARED)



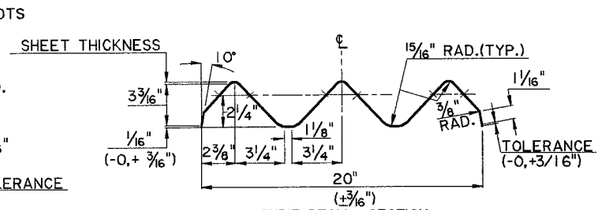
W BEAM - SECTION



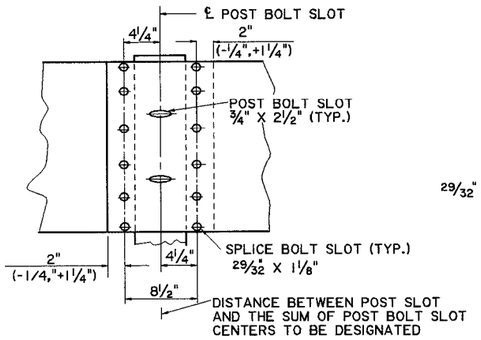
W-BEAM-SPLICE DETAIL- ELEVATION

⅝" ϕ X 1¼" BUTTON HEAD OVAL SHOULDER BOLTS WITH ⅝" ϕ RECESSED HEX NUTS-TOTAL 8 PER SPLICE AND 4 PER TERMINAL SECTION. LAP IN DIRECTION OF TRAFFIC.

W BEAM GUARD RAIL ELEMENT



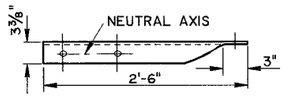
THRIE BEAM - SECTION



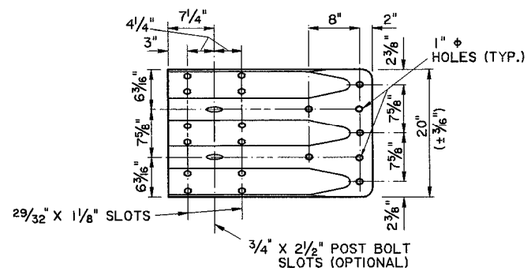
THRIE BEAM-SPLICE DETAIL - ELEVATION

⅝" ϕ X 1¼" BUTTON HEAD OVAL SHOULDER BOLTS WITH ⅝" ϕ RECESSED HEX NUTS-TOTAL 12 PER SPLICE AND 4 PER TERMINAL SECTION. LAP IN DIRECTION OF TRAFFIC.

THRIE BEAM GUARD RAIL ELEMENT

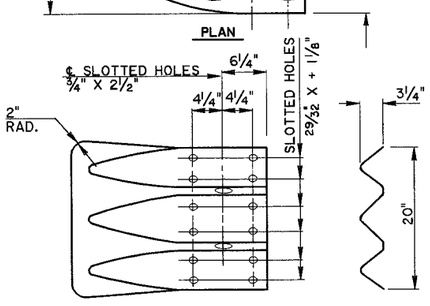


PLAN



ELEVATION

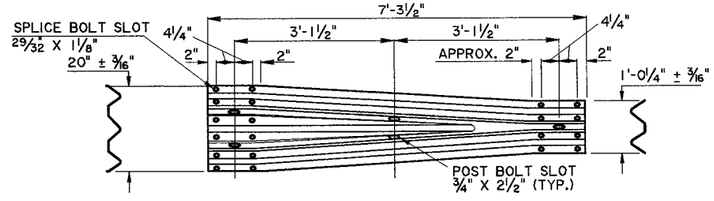
TERMINAL CONNECTOR (THRIE BEAM)



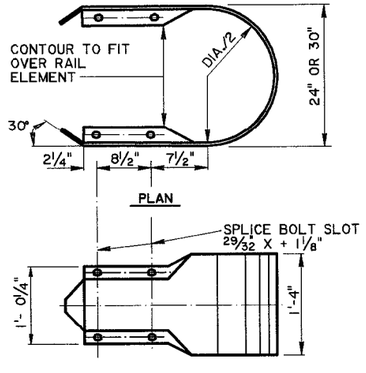
PLAN

ELEVATION

FLARED END SECTION FOR THRIE BEAM



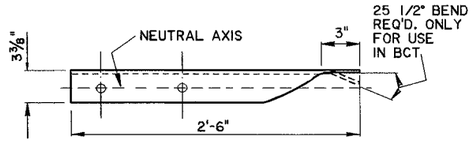
W/THRIE BEAM TRANSITION ELEVATION



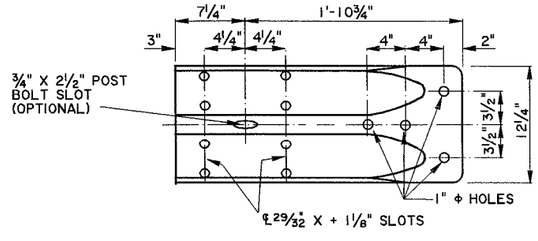
PLAN

ELEVATION

W BEAM END SECTION (BUFFER)



PLAN



ELEVATION

W BEAM TERMINAL CONNECTOR

NOTES:

1. ALL RAIL COMPONENTS EXCEPT THE W AND THRIE BEAM TERMINAL CONNECTORS SHALL MEET AASHTO M 180, CLASS A METAL THICKNESS WITH A TYPE II COATING. THE W BEAM AND THRIE BEAM TERMINAL CONNECTORS SHALL BE CLASS B METAL THICKNESS WITH TYPE II COATING.

SHEET NUMBER

PARISH | FEDERAL PROJECT | STATE PROJECT

DESIGNED G. MAGEE
DETAILED P. FOSSIER
CHECKED
DATE MAY, 2001
SHEET 8 OF 9

REVISION DESCRIPTION | BY | APPROVED | DATE:

DATE | APPROVED BY CHIEF ENGINEER: Original Signed by Chief Engineer 4/4/01

HIGHWAY GUARD RAILS
RAIL STRUCTURAL DETAILS

STANDARD PLAN GR-200

BRIDGE AND STRUCTURAL DESIGN