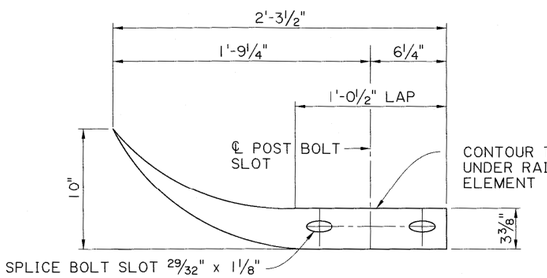
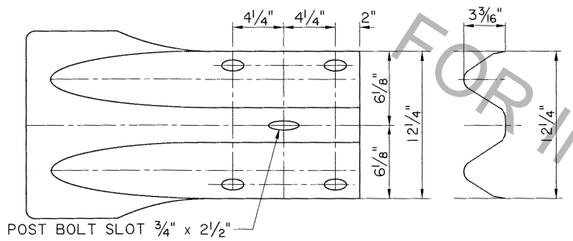
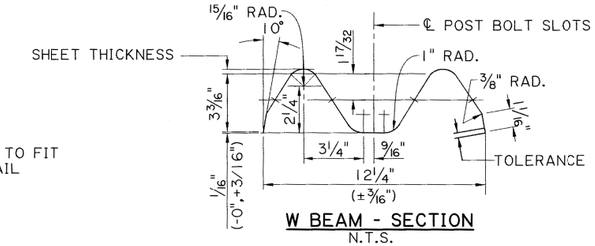


PLAN
N.T.S.

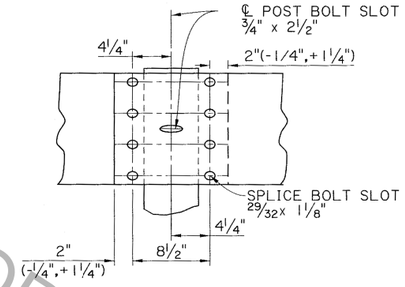


ELEVATION
N.T.S.

W BEAM END SECTION (FLARED)



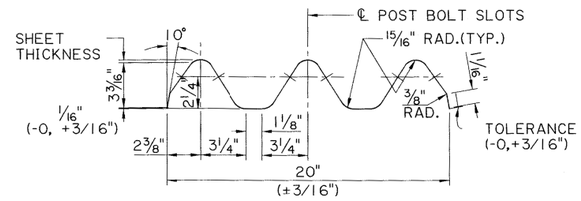
W BEAM - SECTION
N.T.S.



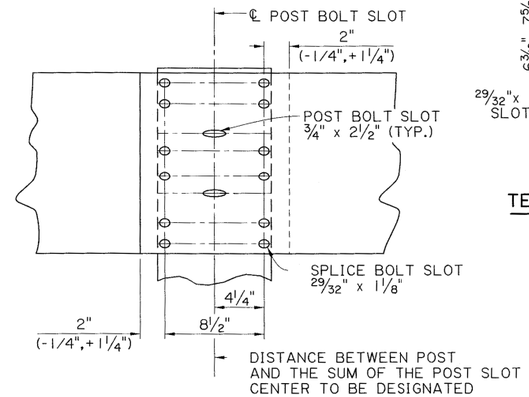
W-BEAM-SPLICE DETAIL-ELEVATION

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

W BEAM GUARD RAIL ELEMENT
N.T.S.



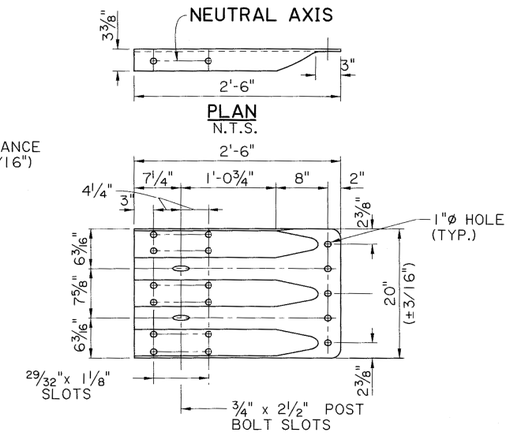
THRIE BEAM - SECTION
N.T.S.



THRIE BEAM-SPLICE DETAIL-ELEVATION

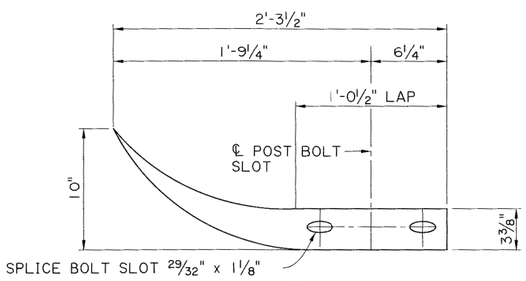
⅝"Ø x 1¼" BUTTON HEAD OVAL SHOULDER BOLTS WITH ⅝" Ø RECESSED HEX NUTS-TOTAL 12 PER SPLICE AND 4 PER TERMINAL SECTION, LAP IN DIRECTION OF TRAFFIC.

THRIE BEAM GUARD RAIL ELEMENT
N.T.S.

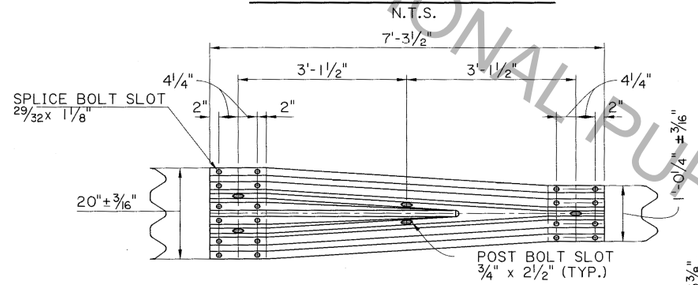


ELEVATION

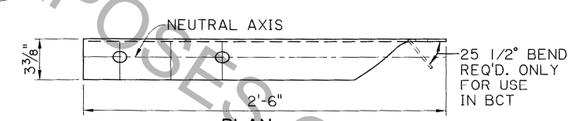
TERMINAL CONNECTOR (THRIE BEAM)
N.T.S.



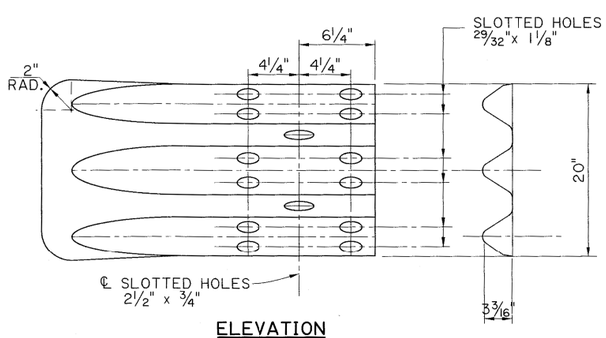
PLAN
N.T.S.



W/THRIE BEAM TRANSITION ELEVATION
N.T.S.

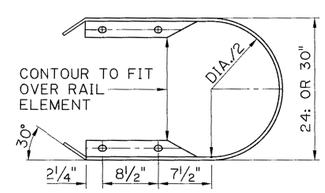


PLAN

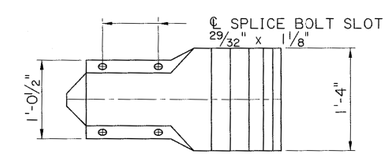


ELEVATION
N.T.S.

FLARED END SECTION FOR THRIE BEAM

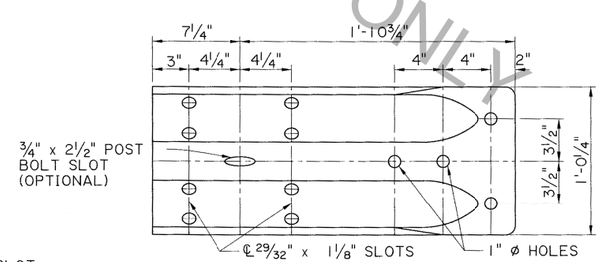


PLAN
N.T.S.



ELEVATION
N.T.S.

W-BEAM END SECTION BUFFER



ELEVATION
N.T.S.

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.

STATE OF LOUISIANA
PAUL B. FOSSIER, JR
License No. 21028
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
7/8/15

FOR INFORMATIONAL PURPOSES ONLY

SHEET NUMBER	PARISH	CONTROL SECTION	STATE PROJECT

DESIGNED P. FOSSIER
CHECKED K. BRAUNER
DETAILED J. KOEMPEL
CHECKED P. FOSSIER
SERIES NUMBER MARCH 2015
8 OF 10

DATE	REVISION DESCRIPTION	BY

APPROVED BY CHIEF ENGINEER: Janice R Williams
DATE: 7-13-2015

HIGHWAY GUARD RAILS
RAIL STRUCTURAL DETAILS

GR-200

BRIDGE AND STRUCTURAL DESIGN

08:06
8/6/2015
IP_PWP:d0591368\BD.1.1.1.0.08_raster.dgn