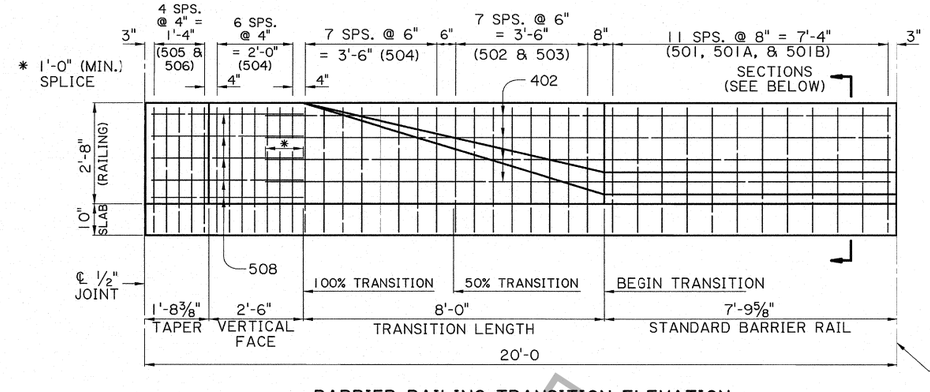
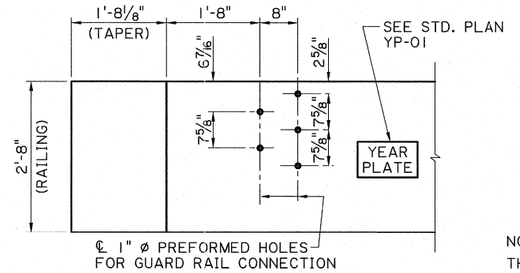


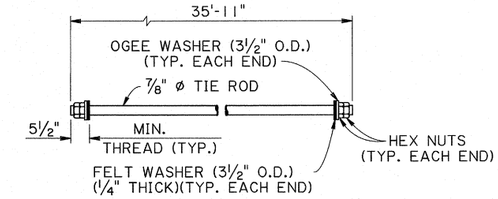
BARRIER RAILING TRANSITION ELEVATION

(SHOWING BARRIER RAILING AT END OF BRIDGE)
SCALE: 1/2" = 1'-0"



GUARD RAIL CONNECTION DETAIL

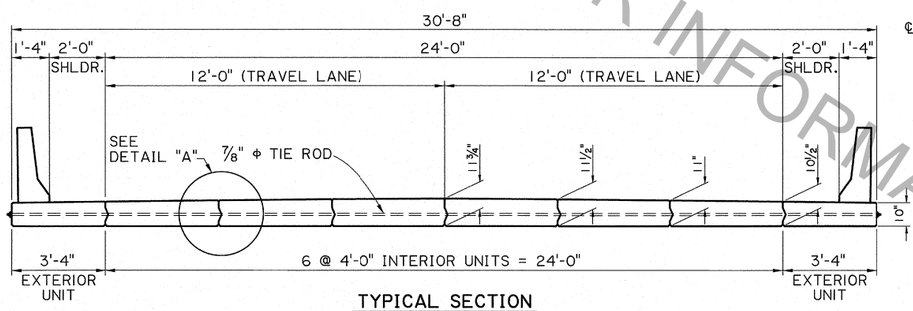
(FOR GUARD RAIL DETAILS, SEE STANDARD PLAN GR-200.)
SCALE : 3/4" = 1'-0"



NOTE:

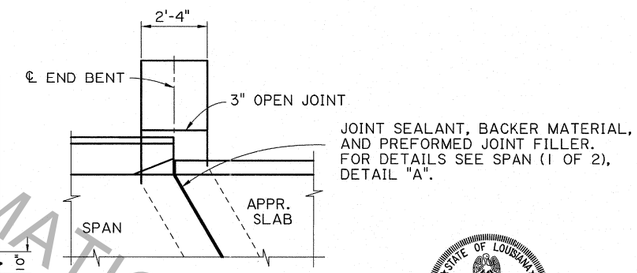
THE NUTS & WASHERS FOR THE TIE ROD SHALL BE ZINC COATED AND THE EXPOSED ENDS TO THE TIE RODS SHALL BE PAINTED WITH AN APPROVED COATING. AS A FINAL OPERATION THE CONTRACTOR SHALL BE REQUIRED TO TORQUE THE INSTALLED TIE ROD TO 170 FT. LBS. JUST PRIOR TO PAINTING. ALL EXPOSED ENDS SHALL BE PAINTED WITH AN APPROVED COATING AFTER STRESSING. ONE (1) MECHANICAL SPLICE MAY BE USED IN SPLICING THE 7/8" ø TIE ROD. THE SPLICE SHALL DEVELOP AT LEAST 125% OF THE SPECIFIED YIELD STRENGTH OF THE TIE ROD IN TENSION. THE MECHANICAL SPLICE SHALL BE ZINC COATED OR PAINTED WITH AN APPROVED COLD GALVANIZING REPAIR COMPOUND FROM QPL NO.23 PRIOR TO PLACING THE TIE ROD IN THE STRUCTURE.

DETAILS OF TIE ROD



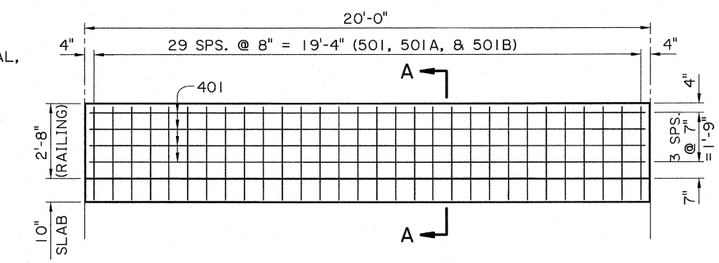
TYPICAL SECTION

SCALE : 3/8" = 1'-0"



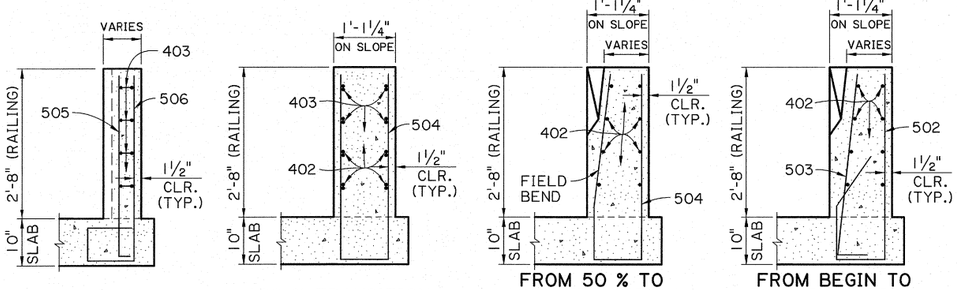
JOINT DETAIL

N.T.S.



STANDARD BARRIER RAILING ELEVATION

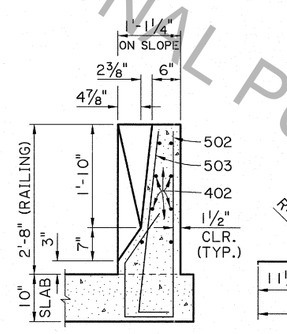
(SHOWING BARRIER RAILING ALONG BRIDGE END)
SCALE : 3/8" = 1'-0"



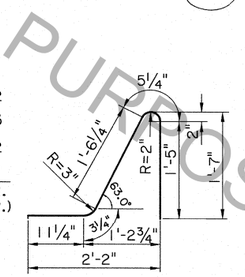
TAPER | 100 % TRANSITION | FROM 50 % TO 100% TRANSITION | FROM BEGIN TO 50 % TRANSITION

BARRIER RAILING TRANSITION SECTIONS

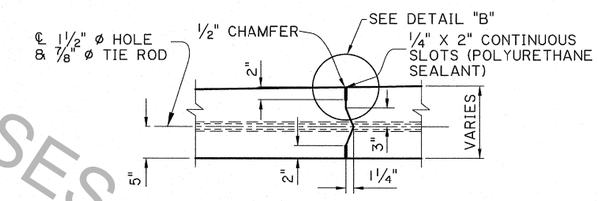
SCALE: 3/4" = 1'-0"



BEGIN TRANSITION

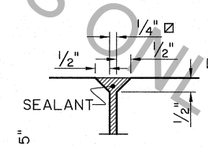


BARS 501A
(4'-7" LONG)



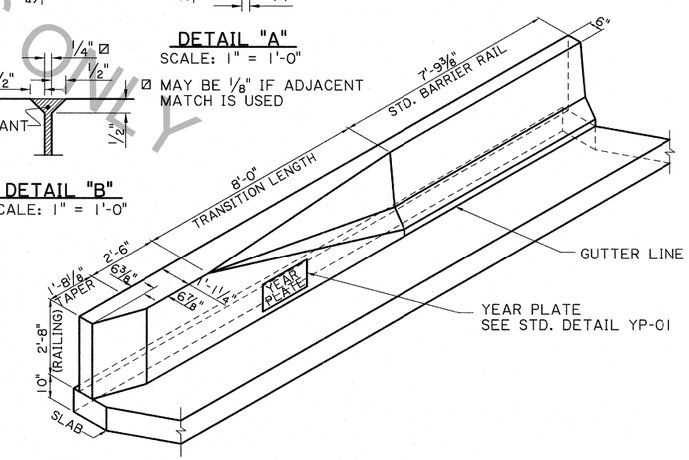
DETAIL "A"

SCALE: 1" = 1'-0"



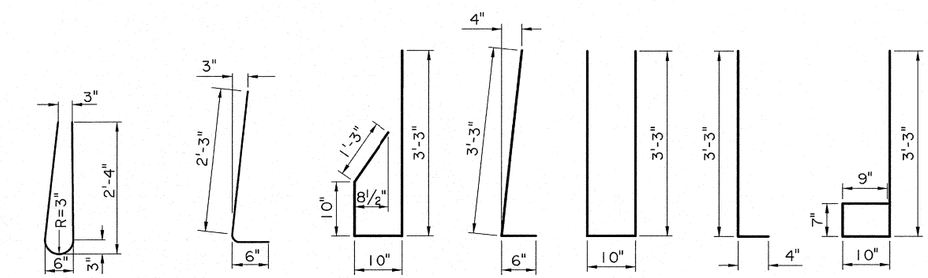
DETAIL "B"

SCALE: 1" = 1'-0"

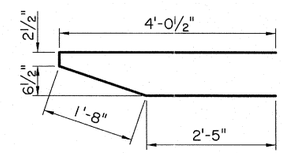


BARRIER RAILING TRANSITION SCHEMATIC

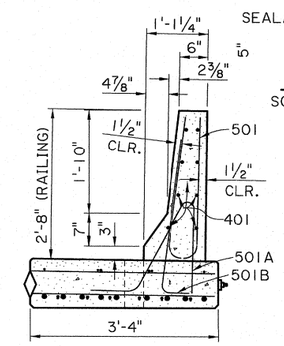
SCALE : 3/8" = 1'-0"



BARS 501 (4'-10" LONG) | BARS 501B (2 1/2" ø PIN) (2'-9" LONG) | 502 (2 1/2" ø PIN) (6'-2" LONG) | 503 (2 1/2" ø PIN) (3'-9" LONG) | 504 (2 1/2" ø PIN) (7'-4" LONG) | 505 (2 1/2" ø PIN) (3'-7" LONG) | 506 (2 1/2" ø PIN) (5'-5" LONG)



403
(2 1/2"ø PIN)
(8'-4" LONG)



SECTION A-A

SCALE : 3/4" = 1'-0"

STATE OF LOUISIANA
JENAN NAKHLEH
REG. No. 18692
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
7/17/2012

FOR INFORMATIONAL PURPOSES ONLY

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

SHEET NUMBER

PARISH | CONTROL SECTION | STATE PROJECT

DESIGNED B. DELATTE
CHECKED J. NAKHLEH
DETAILED D. HYMEL
CHECKED J. NAKHLEH
SERIES NUMBER 7 OF 11
J10/25/2010

ALTERNATE SPAN (1 OF 4)
20'-0" PRECAST CONCRETE SLAB SPAN
28'-0" CLEAR ROADWAY
60° CROSSING TWO WAY TANGENT

STANDARD SPECIAL PSS-60-28-20SL

BRIDGE & STRUCTURAL DESIGN

6/19/2013 12:4

IP_PWP:dms55680\SS6028altspan1.dgn