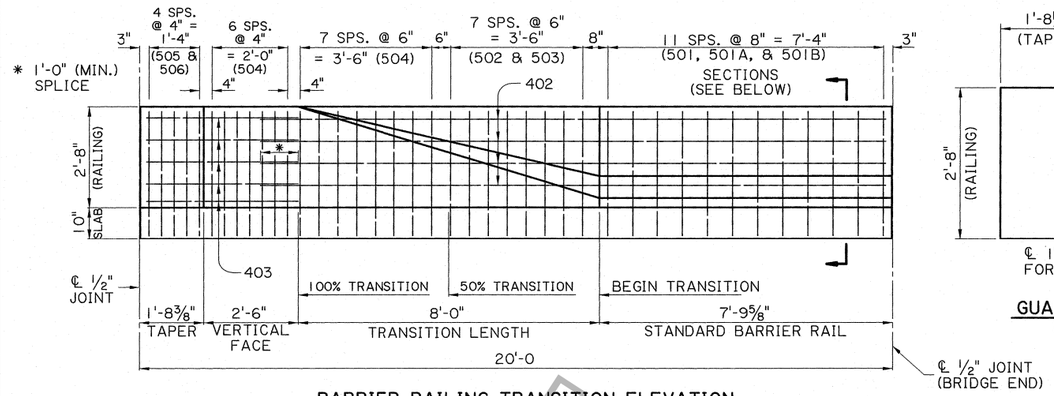
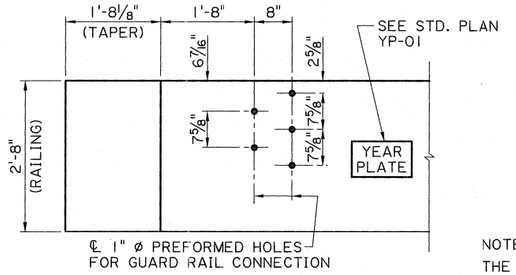


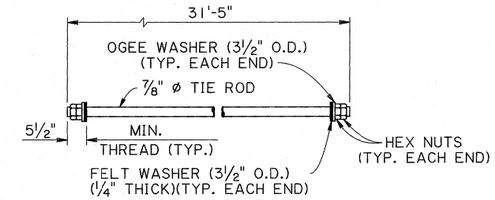
BARRIER RAILING TRANSITION ELEVATION

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



GUARD RAIL CONNECTION DETAIL

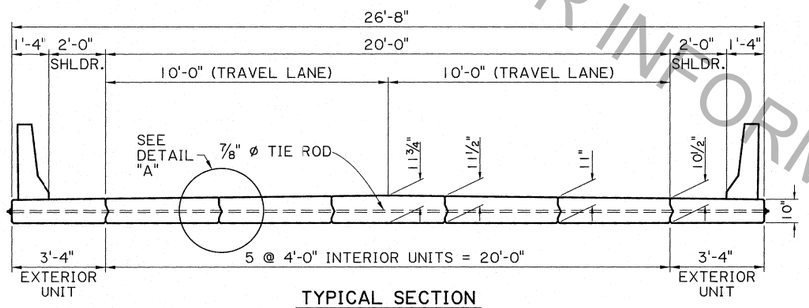
(FOR GUARD RAIL DETAILS, SEE STANDARD PLAN GR-200.)
SCALE : 3/4" = 1'-0"



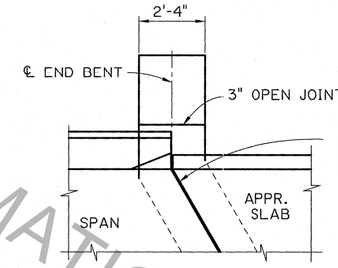
NOTE:

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



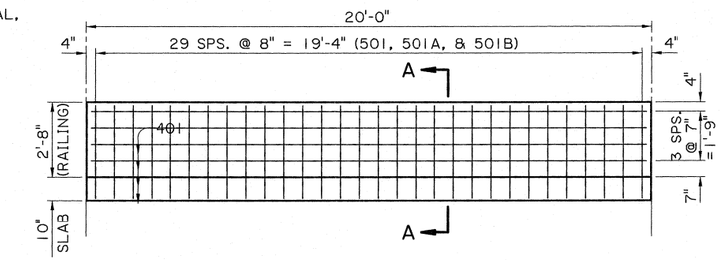
TYPICAL SECTION



JOINT DETAIL

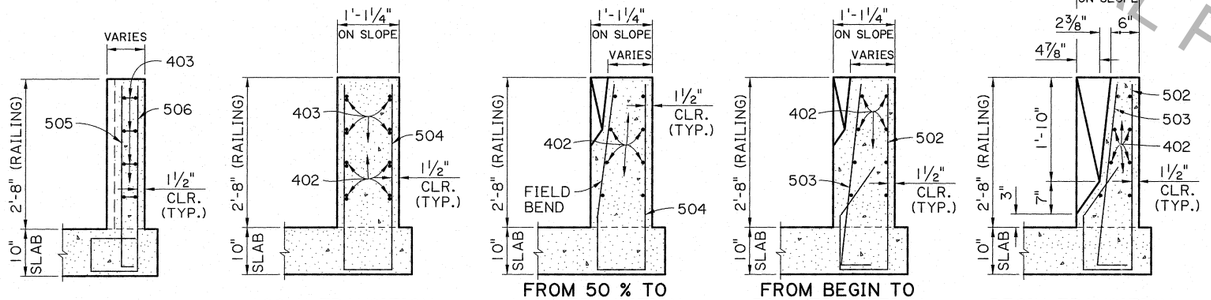
N.T.S.

STATE OF LOUISIANA
JENAN NAKHLEH
REG. No. 18692
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
7/31/2012



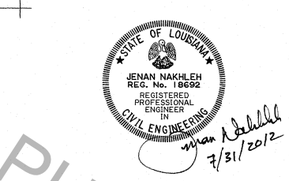
STANDARD BARRIER RAILING ELEVATION

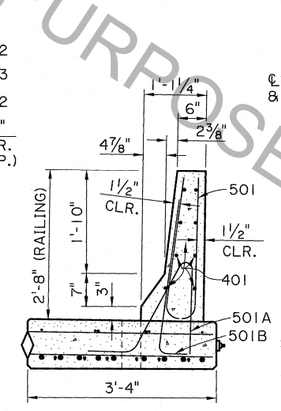
(SHOWING BARRIER RAILING ALONG BRIDGE END)
SCALE : 3/8" = 1'-0"



BARRIER RAILING TRANSITION SECTIONS

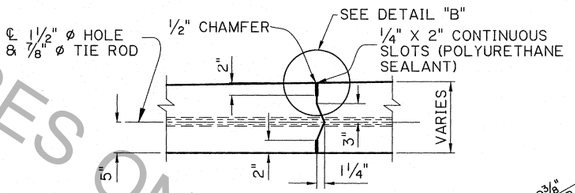
SCALE: 3/4" = 1'-0"





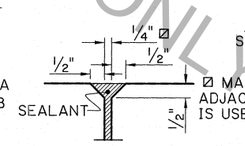
SECTION A-A

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



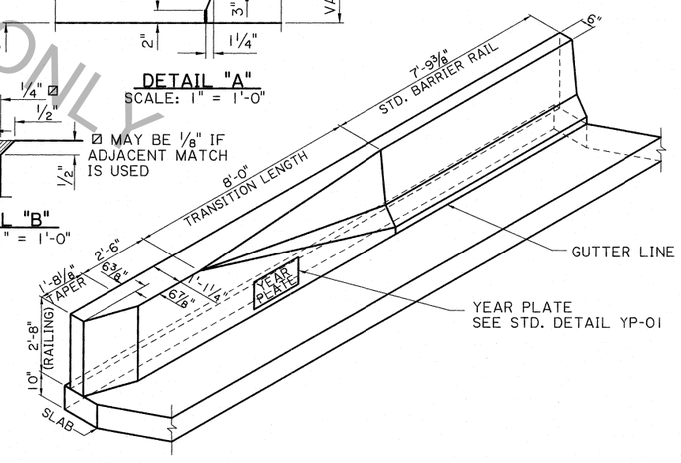
DETAIL "A"

SCALE: 1" = 1'-0"



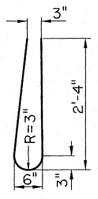
DETAIL "B"

SCALE: 1" = 1'-0"

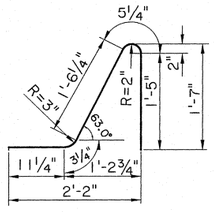


BARRIER RAILING TRANSITION SCHEMATIC

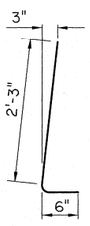
SCALE : 3/8" = 1'-0"



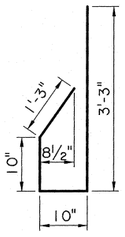
BARS 501
(4'-10" LONG)



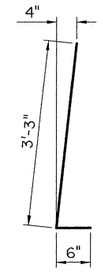
BARS 501A
(4'-7" LONG)



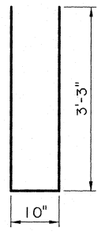
BARS 501B
(2 1/2" ø PIN)
(2'-9" LONG)



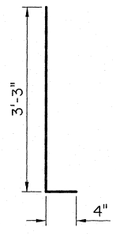
502
(2 1/2" ø PIN)
(6'-2" LONG)



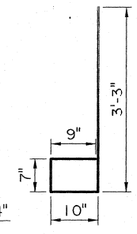
503
(2 1/2" ø PIN)
(3'-9" LONG)



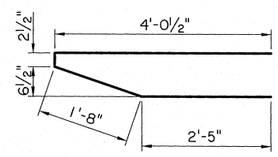
504
(2 1/2" ø PIN)
(7'-4" LONG)



505
(2 1/2" ø PIN)
(3'-7" LONG)



506
(2 1/2" ø PIN)
(5'-5" LONG)



403
(2" ø PIN)
(8'-4" LONG)

FOR INFORMATIONAL PURPOSES ONLY

DESIGNED B. DELATTE	PARISH		SHEET NUMBER
CHECKED J. NAKHLEH	CONTROL SECTION		
DETAILED D. HYMEL	STATE PROJECT		
CHECKED J. NAKHLEH			
REVIEWED 11/15/2010			
SERIES # 7 OF 11			

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

ALTERNATE SPAN (1 OF 4)
20'-0" CONCRETE SLAB SPAN
24'-0" CLEAR ROADWAY
60° CROSSING TWO WAY TANGENT

STANDARD DETAIL PSS-60-24-20SL

BRIDGE & STRUCTURAL DESIGN

6/19/2013 12:3

IP_PWP:dms55679\SS6024altspan1.dgn