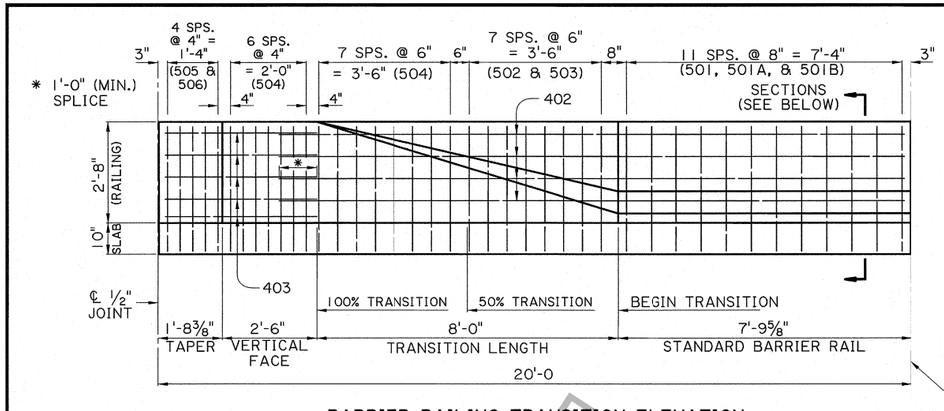
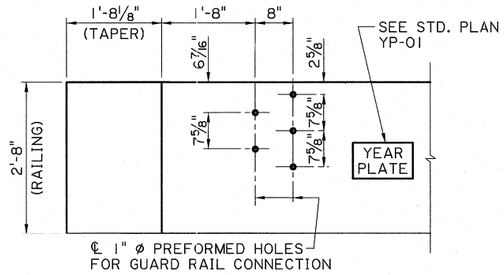
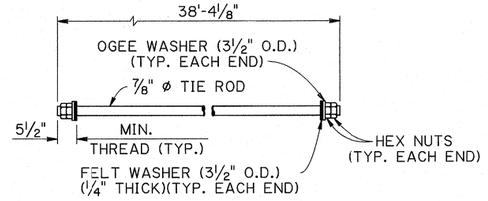
6/19/2013 12:2



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

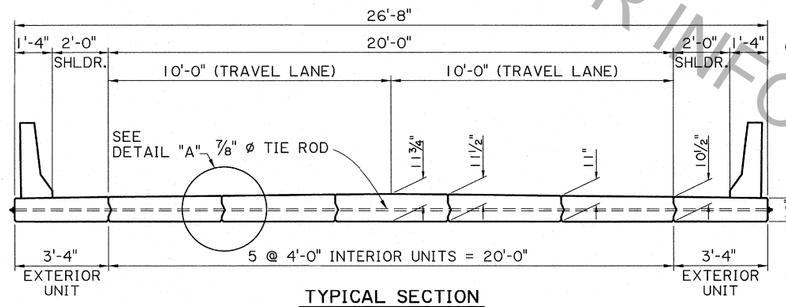


GUARD RAIL CONNECTION DETAIL
(FOR GUARD RAIL DETAILS, SEE STANDARD PLAN GR-200.)
SCALE : 3/4" = 1'-0"

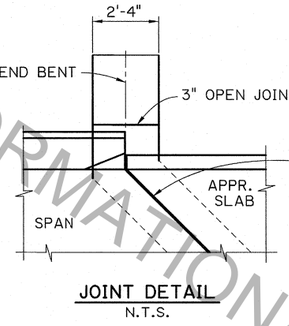


NOTE:
THE NUTS & WASHERS FOR THE TIE ROD SHALL BE ZINC COATED AND THE EXPOSED ENDS TO THE TIE RODS SHALL BE PAINTED WITH AN APPROVED COATING. AS A FINAL OPERATION THE CONTRACTOR SHALL BE REQUIRED TO TORQUE THE INSTALLED TIE ROD TO 170 FT. LBS. JUST PRIOR TO PAINTING. ALL EXPOSED ENDS SHALL BE PAINTED 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.

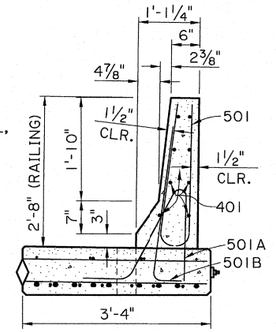
DETAILS OF TIE ROD



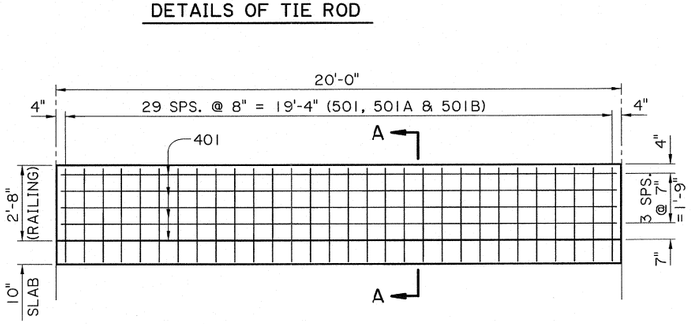
TYPICAL SECTION
SCALE : 3/8" = 1'-0"



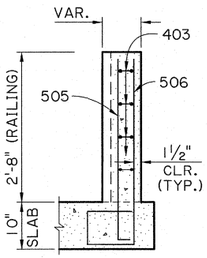
JOINT DETAIL
N.T.S.



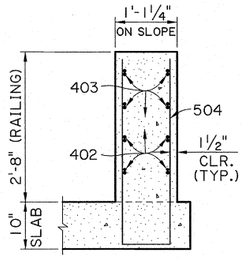
SECTION A-A
SCALE : 3/4" = 1'-0"



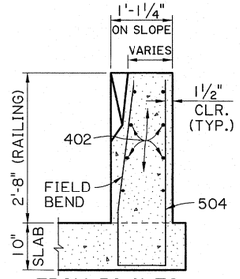
STANDARD BARRIER RAILING ELEVATION
(SHOWING BARRIER RAILING ALONG BRIDGE END)
SCALE : 3/8" = 1'-0"



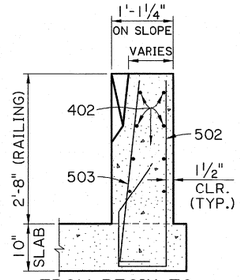
TAPER



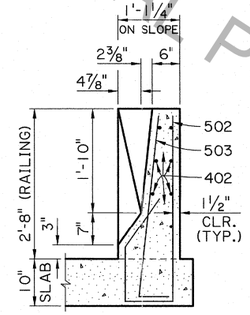
100 % TRANSITION



FROM 50 % TO 100% TRANSITION

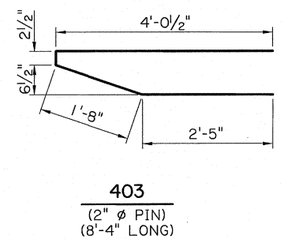


FROM BEGIN TO 50 % TRANSITION

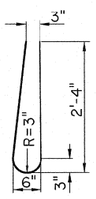


BEGIN TRANSITION

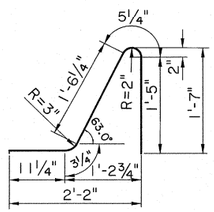
BARRIER RAILING TRANSITION SECTIONS
SCALE : 3/4" = 1'-0"



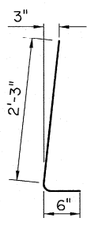
403
(2" ø PIN)
(8'-4" LONG)



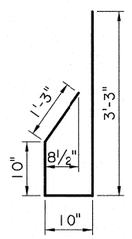
BARS 501
(4'-10" LONG)



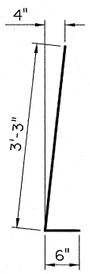
BARS 501A
(4'-7" LONG)



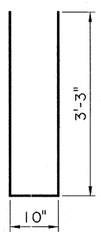
BARS 501B
(2 1/2" ø PIN)
(2'-9" LONG)



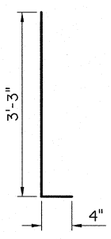
502
(2 1/2" ø PIN)
(6'-2" LONG)



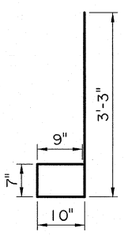
503
(2 1/2" ø PIN)
(3'-9" LONG)



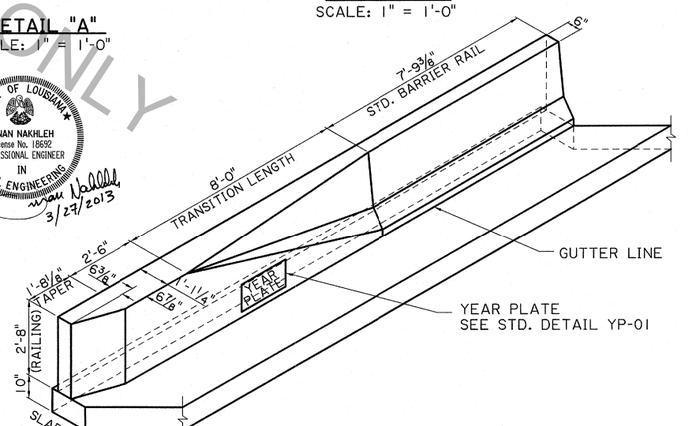
504
(2 1/2" ø PIN)
(7'-4" LONG)



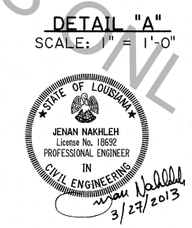
505
(2 1/2" ø PIN)
(3'-7" LONG)

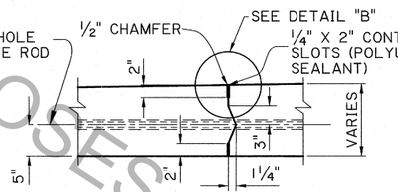


506
(2 1/2" ø PIN)
(5'-5" LONG)

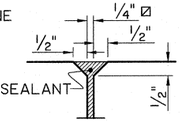


BARRIER RAILING TRANSITION SCHEMATIC
SCALE : 3/8" = 1'-0"





DETAIL "A"
SCALE: 1" = 1'-0"



Ø MAY BE 1/8" IF ADJACENT MATCH IS USED

DETAIL "B"
SCALE: 1" = 1'-0"

FOR INFORMATIONAL PURPOSES ONLY

SHEET NUMBER		
PARISH	CONTROL SECTION	STATE PROJECT
DESIGNED B. DELATTE CHECKED J. NAKHLEH	DETAILED D. HYMEL CHECKED J. NAKHLEH	REVIEWED 3/06/2013 SERIES # 9 OF 13

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

ALTERNATE SPAN (1 OF 4)
20'-0" PRECAST CONCRETE SLAB SPAN
24'-0" CLEAR ROADWAY
45° CROSSING TWO WAY TANGENT

STANDARD DETAIL PSS-45-24-20SL

BRIDGE & STRUCTURAL DESIGN

IP_PWP:d0220949\SS4524altspan1.dgn