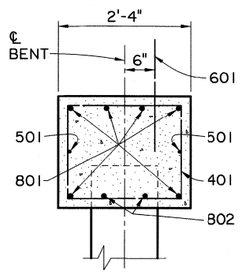
6/12/2013 13:1

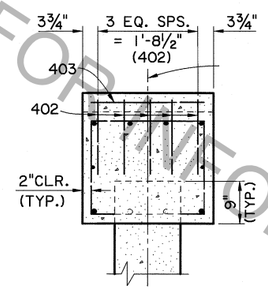
BENT NOTES:

CONSTRUCTION SPECIFICATIONS: LATEST APPROVED LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.
DESIGN SPECIFICATIONS: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 4th EDITION WITH 2008 & 2009 INTERIMS.
DESIGN LOAD: LIVE LOAD IS HL-93, AND LADV-11 (LOUISIANA DESIGN VEHICLE LIVE LOAD 2011).
STRUCTURAL CONCRETE: ALL CONCRETE SHALL BE CLASS A.
EXPOSED EDGES SHALL HAVE A ¾" CHAMFER UNLESS OTHERWISE NOTED.
ALL EXPOSED FACES OF WINGWALLS AND ENDS OF CAPS SHALL RECEIVE A SURFACE FINISH AS PER SUB-SECTION 805.13 OF THE STANDARD SPECIFICATIONS, EXCEPT WHEN SPECIFIED ELSEWHERE IN THE PLANS.
½" PREFORMED JOINT MATERIAL AND ASPHALT SATURATED FELT SHALL BE INCLUDED IN THE PRICE BID FOR CLASS A CONCRETE.
REINFORCING STEEL: ALL REINFORCING STEEL SHALL BE GRADE 60.
DIMENSIONS RELATING TO FABRICATION ARE OUT TO OUT OF BARS UNLESS OTHERWISE NOTED. DIMENSIONS RELATING TO SPACING ARE TO BAR CENTERS, UNLESS OTHERWISE NOTED. DOWELS (601 BARS) SHALL BE PROVIDED AT ALL FIXED BEARINGS AND APPROACH SLAB BEARINGS (SEE GENERAL PLAN). ALL EXPOSED ENDS OF DOWELS SHALL BE WRAPPED WITH TWO LAYERS OF 15 LB. ASPHALT SATURATED FELT. CLOSE FITTING TUBES OF COMPRESSIBLE MATERIAL NOT LESS THAN 3/16" THICK MAY BE SUBSTITUTED.
PRECAST CONCRETE PILES: FOR DETAILS SEE STANDARD DETAIL CS-216.
EXTERIOR PILES ARE TO BE BATTERED OUTWARD AT 1½ ON 12 IN THE LONGITUDINAL DIRECTION OF THE BENT, WHEN NOTED ON THE GENERAL PLAN.
PREFORMED JOINT MATERIAL: PREFORMED JOINT MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 805.12 OF THE STANDARD SPECIFICATIONS.

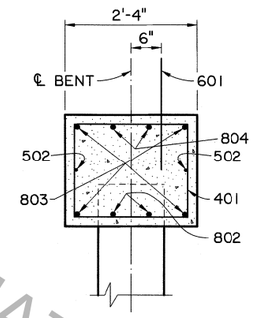
STATE OF LOUISIANA
JENAN NAKHLEH
License No. 18692
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
5/30/2013



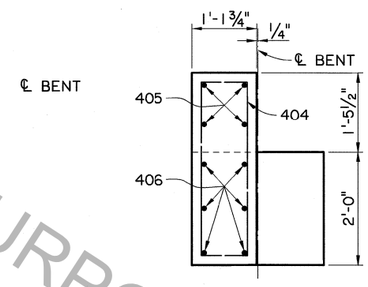
SECTION A-A
SCALE : ¾" = 1'-0"



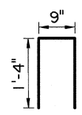
SECTION B-B
SCALE : ¾" = 1'-0"



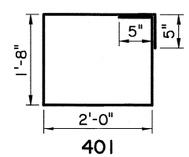
SECTION C-C
SCALE: ¾" = 1'-0"



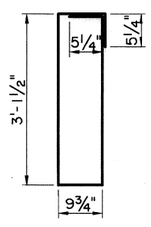
END ELEVATION
SCALE : ¾" = 1'-0"



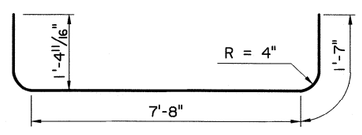
402
2" ø PIN



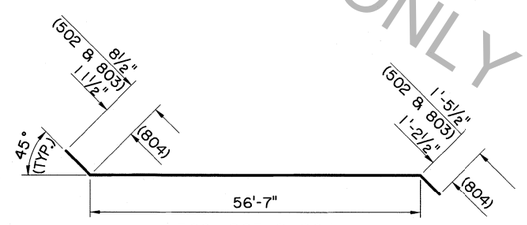
401
2" ø PIN



404
2" ø PIN



802
6" ø PIN



502, 803 & 804
3¾" ø PIN (502)
6" ø PIN (803 - 804)

FOR INFORMATIONAL PURPOSES ONLY

DESIGNED J. NAKHLEH	PARISH		SHEET NUMBER
CHECKED B. DELATTE			
DETAILED D. HYMEL	CONTROL SECTION		
CHECKED J. NAKHLEH			
REVIEWED 4/16/2013	STATE PROJECT		
SERIES # 2 OF 2			

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

BENTS (2 OF 2)
REINFORCED CONCRETE PILE BENT
40'-0" CLEAR ROADWAY
45° CROSSING TWO WAY TANGENT

STANDARD DETAIL BCSSBR-45-40TWT-20SL

DOTD

BRIDGE & STRUCTURAL DESIGN

IP_PWP:dms55677\SS4540bent2(LRFD).dgn