12/19/2011 10:0
CHECK PRINTS
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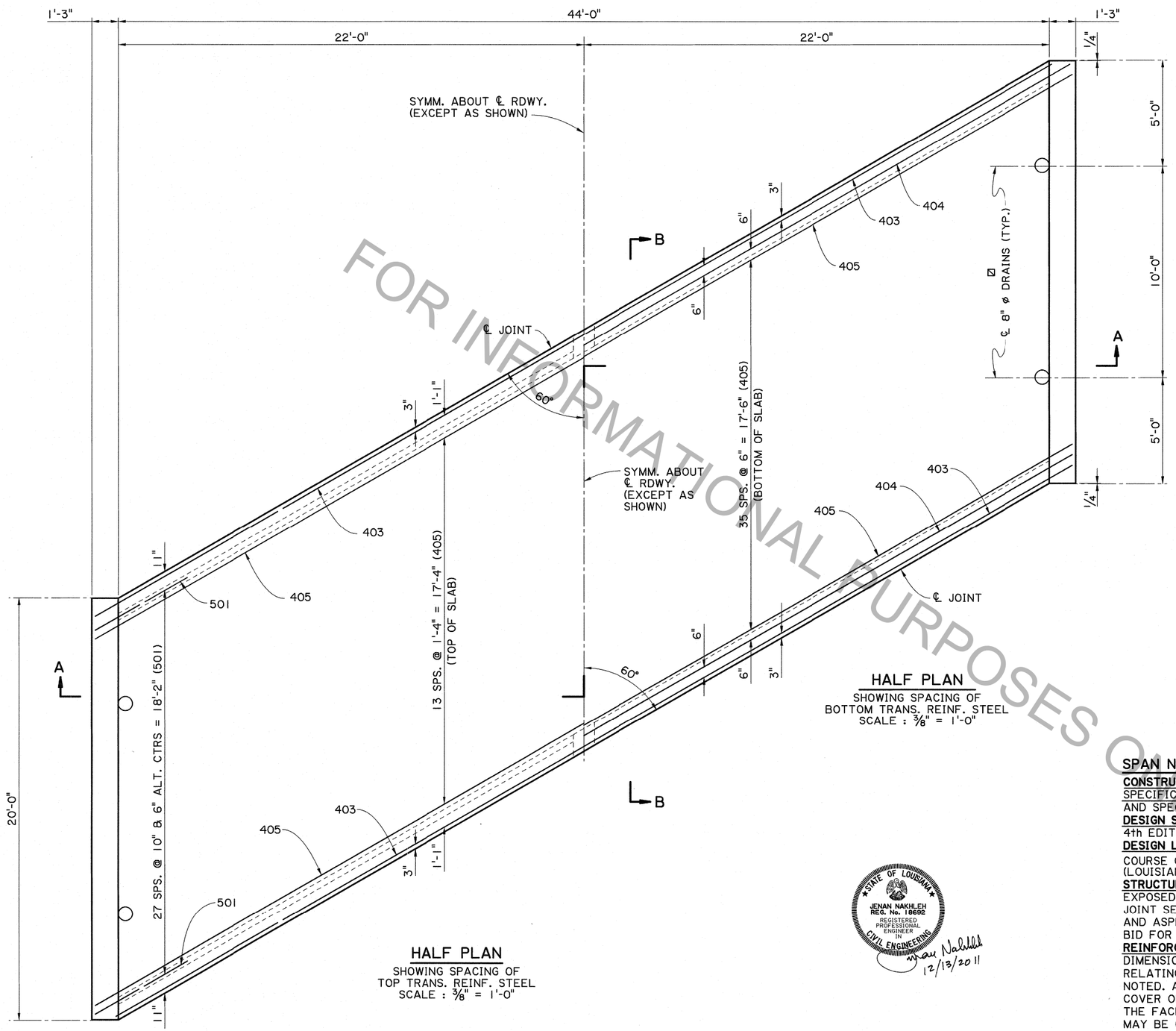

HALF PLAN
SHOWING SPACING OF BOTTOM TRANS. REINF. STEEL
SCALE : 3/8" = 1'-0"

HALF PLAN
SHOWING SPACING OF TOP TRANS. REINF. STEEL
SCALE : 3/8" = 1'-0"

Ø NOTE:
DRAINS NOT REQUIRED ON END SPANS

NOTE:
FOR SECTIONS A-A AND B-B, SEE SHEET 2 OF 2.

AS-DESIGNED RATING		
VEHICLE	RATING FACTOR	NOTES
HL-93 (INV)	1.427	———
HL-93 (OPR)	1.850	———
LADV-11 (INV)	1.098	MAGNIFICATION FACTOR = 1.3

SPAN 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: THE BRIDGE DECK IS DESIGNED FOR A FUTURE WEARING COURSE OF 19 PSF. THE LIVE LOAD IS HL-93, AND LADV-11 (LOUISIANA DESIGN VEHICLE LIVE LOAD 2011).
STRUCTURAL CONCRETE: ALL CONCRETE SHALL BE CLASS AA. EXPOSED EDGES SHALL HAVE A 3/4" CHAMFER UNLESS OTHERWISE NOTED. JOINT SEALANT, BACKER MATERIAL, PREFORMED JOINT FILLER, AND ASPHALT SATURATED FELT SHALL BE INCLUDED IN THE PRICE BID FOR CLASS AA CONCRETE.
REINFORCING STEEL: ALL REINFORCING STEEL SHALL BE GRADE 60. DIMENSIONS RELATING TO SPACING ARE TO BAR CENTERS, DIMENSIONS RELATING TO FABRICATION ARE OUT TO OUT OF BARS UNLESS OTHERWISE NOTED. ALL REINFORCING BARS SHALL BE PLACED TO PROVIDE A MINIMUM COVER OF ONE INCH FROM THE SURFACE OF THE DRAIN HOLES TO THE FACE OF THE BARS EXCEPT FOR THE TRANSVERSE BARS WHICH MAY BE CUT FOR THIS PURPOSE.
GUARD RAIL: REFER TO THE GENERAL PLAN AND STANDARD PLAN GR-200 FOR GUARD RAIL REQUIREMENTS.
BARRIER RAILING: FOR BARRIER RAILING DETAILS, SEE STANDARD DETAIL BR-02.

STATE OF LOUISIANA
JENAN NAKHLEH
REG. No. 18692
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
Jenan Nakhleh
12/13/2011

FOR INFORMATIONAL PURPOSES ONLY

SHEET NUMBER	
PARISH	
FEDERAL PROJECT	
STATE PROJECT	
DESIGNED J. NAKHLEH	
CHECKED J. PAINE	
DETAILED D. HYMEL	
CHECKED J. NAKHLEH	
DATE 9/24/2010	
SHEET 1 OF 2	

NO.	DATE	REVISION DESCRIPTION	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

SPAN (1 OF 2)
20'-0" CONCRETE SLAB SPAN
44'-0" CLEAR ROADWAY
60° CROSSING TWO WAY TANGENT

STANDARD DETAIL CSSBR-60-44TWT-20SL

BRIDGE AND STRUCTURAL DESIGN