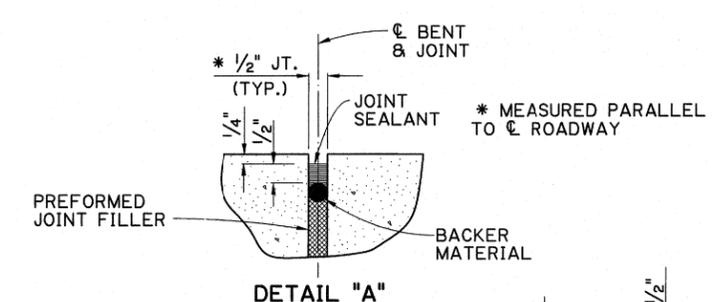
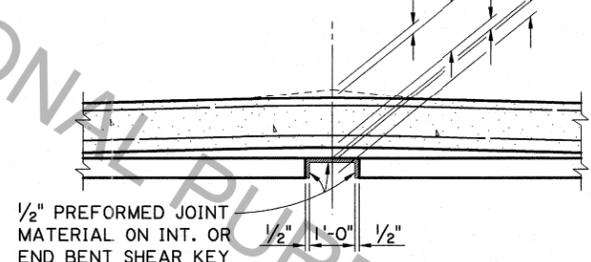


DETAIL SHOWING TYPICAL JOINT & HAUNCH
SCALE: 1/2" = 1'-0"



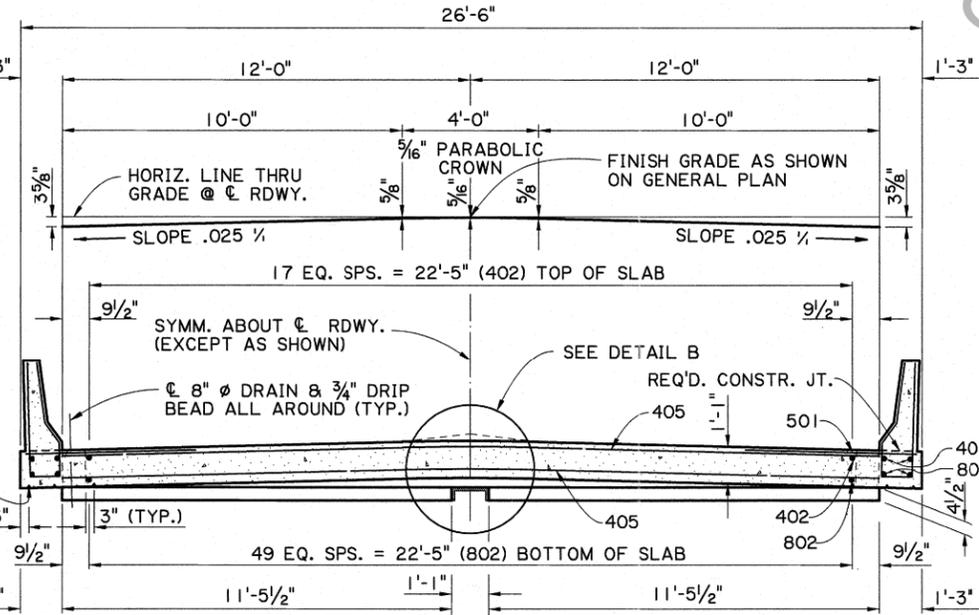
DETAIL "A"
SCALE: 1/2" = 1'-0"



DETAIL B
SCALE: 1/2" = 1'-0"

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

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

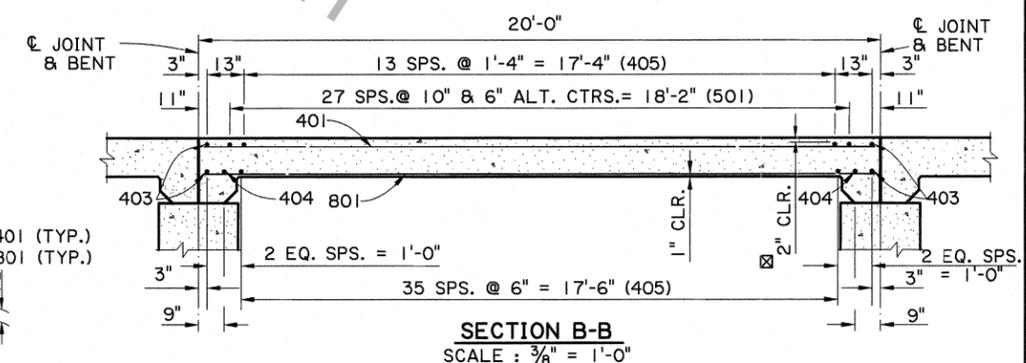


SECTION A-A
SCALE: 3/8" = 1'-0"

ESTIMATED QUANTITIES (ONE SPAN)				
BAR NO.	UNIT	LENGTH	TOTAL LENGTH	LOCATION
801	4	19'-7"	78'-4"	LONGIT. BOT. OF SLAB
802	50	19'-5"	970'-10"	LONGIT. BOT. OF SLAB
TOTAL NO. 8 BARS = 1049'-2" = 2801 LBS.				
501	56	5'-0"	280'-0"	TRANS. TOP OF SLAB
TOTAL NO. 5 BARS = 280'-0" = 292 LBS.				
401	4	19'-7"	78'-4"	LONGIT. TOP OF SLAB
402	18	19'-5"	349'-6"	LONGIT. TOP OF SLAB
403	4	35'-6"	142'-0"	TRANS. TOP & BOT. OF SLAB
404	2	36'-3"	72'-6"	TRANS. TOP & BOT. OF SLAB
405	50	37'-0"	1850'-0"	TRANS. TOP & BOT. OF SLAB
TOTAL NO. 4 BARS = 2492'-4" = 1665 LBS.				
TOTAL DEFORMED REINFORCING STEEL = 4758 LBS.				
CLASS AA CONCRETE = 22.43 CU. YDS.				
CONCRETE RAILING (BARRIER TYPE) = 40.00 LIN. FT.				

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, AND 2008 & 2009 INTERIMS.
DESIGN LOADS:
 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. ALL BARRIER RAIL SURFACES ARE TO RECEIVE A CLASS 2A SPECIAL SURFACE FINISH.
REINFORCING STEEL:
 ALL REINFORCING 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.
GUARD RAIL:
 REFER TO THE GENERAL PLAN FOR GUARD RAIL REQUIREMENTS. PROVIDE HOLES FOR GUARD RAIL CONNECTIONS ACCORDING TO STANDARD PLAN GR 200 ON ALL FOUR BRIDGE RAIL ENDS.
BASIS OF PAYMENT:
 ALL MATERIAL SHALL BE PAID FOR UNDER "BRIDGE SUPERSTRUCTURE AND SUBSTRUCTURE" ACCORDING TO THE SPECIFICATIONS.



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

FOR BRIDGES IN DISTRICTS 04 & 05, MINIMUM CONCRETE COVER IN TOP OF SLAB SHALL BE 2 1/2".

SHEET NUMBER

DESIGNED BY: J. NAKHLEH
 CHECKED BY: B. DELATTE
 DETAILED BY: D. HYMEL
 CHECKED BY: J. NAKHLEH
 REVIEWED BY: J. NAKHLEH
 DATE: 3/06/2013
 SERIES #: 2 OF 13

PARISH: LA
 CONTROL SECTION: LA
 STATE: LA
 PROJECT: LA

NO. 13
 DATE: 3/27/2013
 REVISION OR CHANGE ORDER DESCRIPTION: NONE

SPAN (1 OF 2)
 20'-0" CONCRETE SLAB SPAN
 24'-0" CLEAR ROADWAY
 45° CROSSING TWO WAY TANGENT

STANDARD DETAIL
 PSS-45-24-20SL

BRIDGE & STRUCTURAL DESIGN