

NOTE:
DRAINS NOT REQUIRED
ON END SPANS

SYMM. ABOUT
RDWY.
(EXCEPT AS SHOWN)

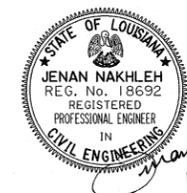
HALF PLAN
SHOWING SPACING OF
TOP TRANS. REINF. STEEL
SCALE : 3/8" = 1'-0"

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

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

ESTIMATED QUANTITIES (ONE SPAN)				
BAR NO.	UNIT LENGTH	TOTAL LENGTH	LOCATION	
801	63	19'-5"	1223'-3"	LONGIT. BOT. OF SLAB
802	4	19'-7"	78'-4"	LONGIT. BOT. OF SLAB
TOTAL NO. 8 BARS = 1301'-7" = 3475 LBS.				
501	56	5'-0"	280'-0"	TRANS. TOP OF SLAB
TOTAL NO. 5 BARS = 280'-0" = 292 LBS.				
401	23	19'-5"	446'-7"	LONGIT. TOP OF SLAB
402	4	19'-7"	78'-4"	LONGIT. TOP OF SLAB
403	4	45'-8"	182'-8"	TRANS. TOP & BOT. OF SLAB
404	2	46'-5"	92'-10"	TRANS. BOT. OF SLAB
405	50	47'-1"	2354'-2"	TRANS. TOP & BOT. OF SLAB
TOTAL NO. 4 BARS = 3154'-7" = 2107 LBS.				
TOTAL DEFORMED REINFORCING STEEL = 5874 LBS.				
CLASS AA CONCRETE = 27.15 CU. YDS.				
CONCRETE RAILING (BARRIER TYPE) = 40.00 LIN. FT.				

INCLUDES 1'-8" MINIMUM LAP SPLICE. ALL LAP SPLICES SHOULD BE STAGGERED.



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

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.

SHEET NUMBER	PARISH	FEDERAL PROJECT	STATE PROJECT
DESIGNED BY: J. NAKHLEH	CHECKED BY: J. PAINE	DATE: 10/07/2011	SHEET: 1 OF 2
REVISION DESCRIPTION	NO.	DATE	BY
SPAN (1 OF 2) 20'-0" CONCRETE SLAB SPAN 30'-0" CLEAR ROADWAY 45° CROSSING TWO WAY TANGENT STANDARD DETAIL: CSSBR-45-30TWT-20SL			
BRIDGE AND STRUCTURAL DESIGN			