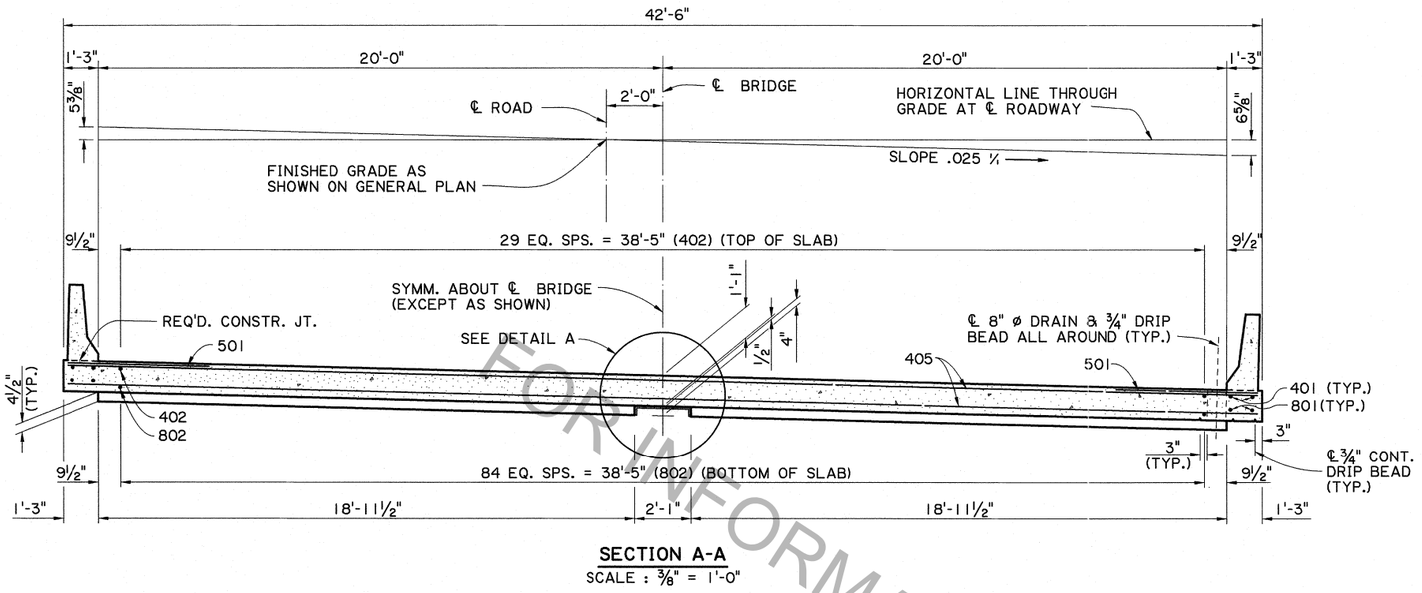
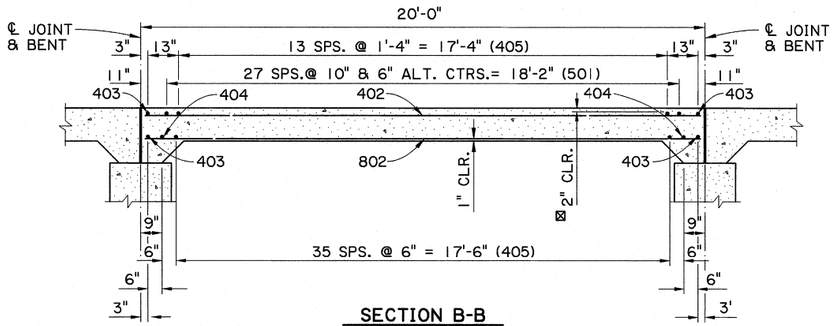
6/12/2013 13:5

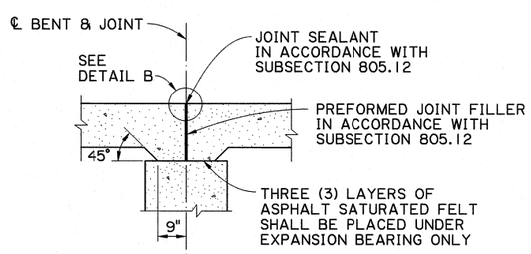


SECTION A-A
SCALE : ⅜" = 1'-0"

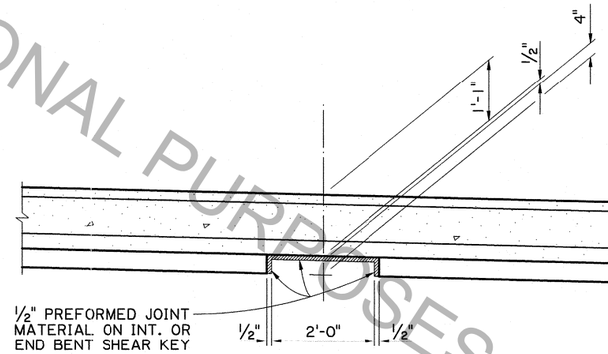


SECTION B-B
SCALE : ⅜" = 1'-0"

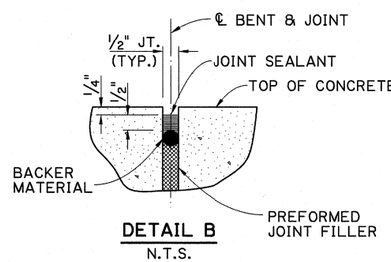
⊠ FOR BRIDGES IN DISTRICTS 04 & 05, MINIMUM CONCRETE COVER IN TOP OF SLAB SHALL BE 2½".



DETAIL SHOWING TYPICAL JOINT
SCALE : ½" = 1'-0"



DETAIL A
SCALE : ¾" = 1'-0"



DETAIL B
N.T.S.

ESTIMATED QUANTITIES (ONE SPAN)

	BAR	NO.	UNIT LENGTH	TOTAL LENGTH	LOCATION
	801	4	19'-7"	78'-4"	LONGIT. BOT. OF SLAB
	802	85	19'-5"	1417'-5"	LONGIT. BOT. OF SLAB
	TOTAL NO. 8 BARS = 1495'-9" = 3994 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	30	19'-5"	582'-6"	LONGIT. TOP OF SLAB
*	403	44	61'-3"	2695'-0"	TRANS. TOP & BOT. OF SLAB
*	404	2	60'-10"	121'-8"	TRANS. BOT. OF SLAB
*	405	2	60'-0"	120'-0"	TRANS. BOT. OF SLAB
*	406	2	59'-10"	119'-8"	TRANS. TOP OF SLAB
	TOTAL NO. 4 BARS = 3717'-2" = 2483 LBS.				
⊠	TOTAL DEFORMED REINFORCING STEEL = 6769 LBS.				
	CLASS AA CONCRETE = 35.32 CU. YDS.				
	CONCRETE RAILING (BARRIER TYPE) = 40.00 LIN. FT.				

* INCLUDES ONE (1) 1'-8" MINIMUM LAP SPLICE. ALL LAP SPLICES ARE TO BE STAGGERED.

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

FOR INFORMATIONAL PURPOSES ONLY

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

SHEET NUMBER

PARISH	CONTROL SECTION	STATE PROJECT

DESIGNED / CHECKED	DETAILED / CHECKED	REVIEWED / SERIES #
J. NAKHLEH / B. DELATTE	J. NAKHLEH / D. HYMEL	5/24/2013

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

SPAN (2 OF 2)
20'-0" CONCRETE SLAB SPAN
40'-0" CLEAR ROADWAY
45° CROSSING ONE WAY TANGENT

STANDARD DETAIL: CSSBR-45-40T-20SL

DOTD

BRIDGE & STRUCTURAL DESIGN

IP_PWP:dms55678\SS4540Tspan2(LRFD).dgn