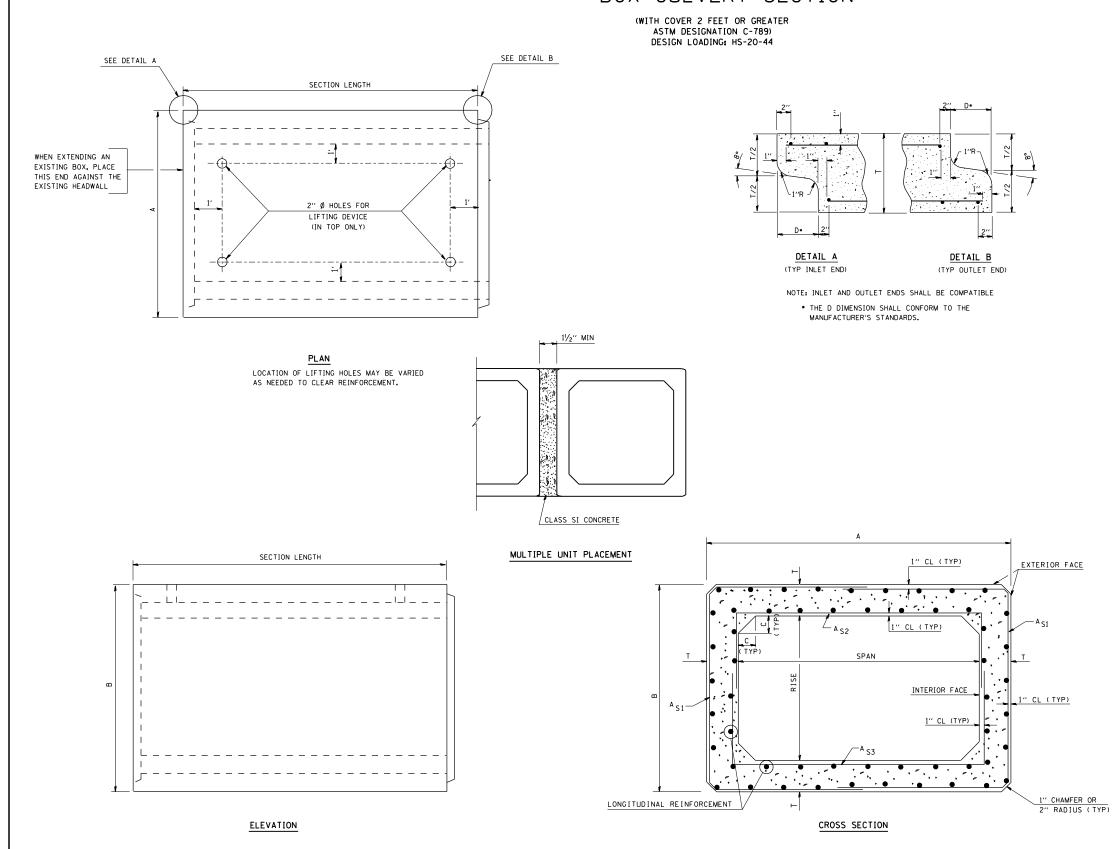
DETAIL OF PRECAST CONCRETE BOX CULVERT SECTION



GENERAL NOTES

SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 504,04(A) OF THE STANDARD SPECIFICATIONS.

MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

THE JOINTS OF THE PRECAST BOX SECTIONS
SHALL BE SEALED WITH MASTIC IN ACCORDANCE
WITH ARTICLE 755.01 OF THE STANDARD
SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

LIFTING HOLES SHALL BE FILLED WITH CONCRETE PLUGS AND MASTIC AFTER THE BOX SECTIONS ARE IN PLACE.

THE TERMS AS1, AS2, AND AS3 DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIC IN ASTM C 789. REINFORCEMENT SHALL BE OF WELDED WIRE FABRIC CONFORMING TO ASTM SPECIFICATIONS S 185.

DRAINAGE OPENINGS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 503.12 OF THE STANDARD SPECIFICATIONS. LOCATION AND SPACING OF THE OPENINGS SHALL BE SHOWN ON THE SHOP DRAWINGS.

DIMENSIONS

SPAN X RISE	T	A (ET_INI)	B (FT-IN)	C	SPAN X RISE	T	A	B (FT-IN)	C
	(TIVETIES)	(F 1-IN)	(F 1-1N)	(INCHES)		TINCHES	(F 1-114)	(F 1-1N)	TINCHE
2′ X2′	4	2-8	2-8	4	9' X5'	9	10-6	6-6	9
3′ X2′	4	3-8	2-8	4	9′ X6′	9	10-6	7-6	9
3′ X3′	4	3-8	3-8	4	9′ X7′	9	10-6	8-6	9
4′ X2′	5	4-10	2-10	5	9' X8'	9	10-6	9-6	9
4′ X3′	5	4-10	3-10	5	9, X9,	9	10-6	10-6	9
4′ X4′	5	4-10	4-10	5					
5′ X2′	6	6-0	3-0	6	10' X4'	10	11-8	5-8	10
5′ X3′	6	6-0	4-0	6	10' X5'	10	11-8	6-8	10
5′ X4′	6	6-0	5-0	6	10' X6'	10	11-8	7-8	10
5′ X5′	6	6-0	6-0	6	10' X7'	10	11-8	8-8	10
6' X2'	7	7-2	3-2	7	10' X8'	10	11-8	9-8	10
6' X3'	7	7-2	4-2	7	10' X9'	10	11-8	10-8	10
6′ X4′	7	7-2	5-2	7	10' X10'	10	11-8	11-8	10
6′ X5′	7	7-2	6-2	7					
6′ X6′	7	7-2	7-2	7	11' X4'	11	12-10	5-10	11
					11' X6"	11	12-10	7-10	11
					11' X8'	11	12-10	9-10	11
7′ X4′	8	8-4	5-4	8	11' X10'	11	12-10	11-1	11
7′ X5′	8	8-4	6-4	8	11' X11'	11	12-10	12-1	11
7′ X6′	8	8-4	7-4	8					
7′ X7′	8	8-4	8-4	8					
					12' X4'	12	14-0	6-0	12
8′ X4′	8	9-4	5-4	8	12' X6'	12	14-0	8-0	12
8′ X5′	8	9-4	6-4	8	12' X8'	12	14-0	10-0	12
8, xe,	8	9-4	7-4	8	12' X10'	12	14-0	12-0	12
8′ X7′	8	9-4	8-4	8	12' X12'	12	14-0	14-0	12
8, X8,	8	9-4	9-4	8					

FILE NAME = USER NAME = rjo DESIGNED -REVISED SECTION COUNTY PRECAST CONCRETE STATE OF ILLINOIS oxcul.dgn DRAWN REVISED ST. CLAIR 277 108 103 27-1-VHB-1 **BOX CULVERT** PLOT SCALE = 100.0000 '/ IN. CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 76884 SCALE: SHEET NO. OF SHEETS STA. TO STA. PLOT DATE = 10/17/2011 DATE - 10/19/11 REVISED