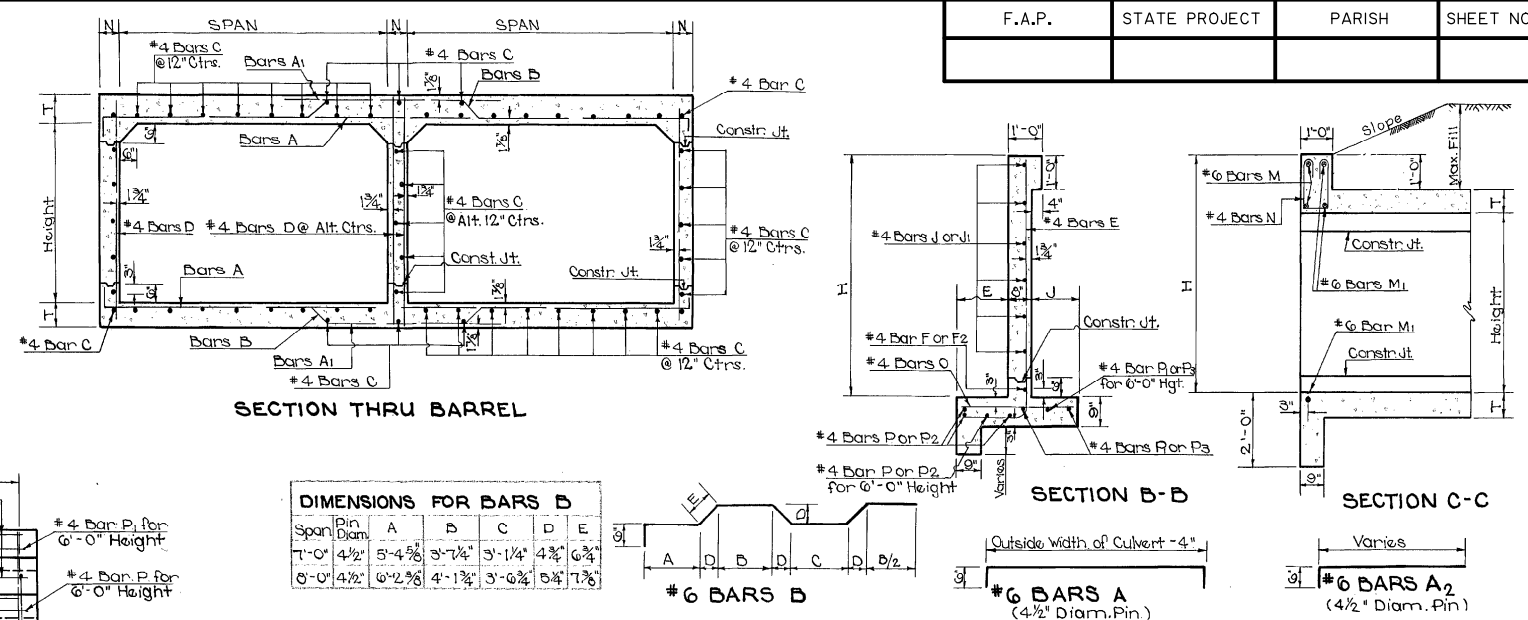




DIMENSIONS																QUANTITIES				OPENINGS	
OPENINGS		MAX.FILL	BARREL		WINGS AND CURBS										PER LIN.FT. OF BARREL		44'-0" CULVERT (ALONG E.)			SIZE	
SIZE.	NO.	AREA	SIDE WALL	T	N	E	J	G	H	L	LI	P	PI	M	STEEL	CONC.	STEEL	CONC.		SIZE	
FEET		SQ.FT.	FEET	IN.	IN.	FT.-IN.	FT.-IN.	FT.-IN.	FT.-IN.	FT.-IN.	FT.-IN.	FT.-IN.	FT.-IN.	FT.-IN.	LBS.	CU.YDS.	LBS.	CU.YDS.	NO.	FEET	
T x 5	2	70	12											40-5 9/16	153.69	1.1096	6,358	67.66	2		
	3	105												46-2 3/4	232.69	1.6049	12,254	91.61	3		
	4	140	10	7	8 1/2	6	1-5	1-2	3-3	6-8 1/2	12-4 1/4	13-1 1/4	11-10	12-7	55-11 1/8	311.66	2.1003	16,142	115.56	4	7 x 5
	5	175												63-9 1/8	390.66	2.5957	20,196	139.51	5		
	6	210												71-6 1/4	481.69	3.0910	24,774	163.46	6		
T x 6	2	84	11											44-5 9/16	160.74	1.1651	9,009	74.72	2		
	3	126												52-2 3/4	242.02	1.6790	13,014	99.53	3		
	4	166	16	5	8 3/4	6	1-7	1-6	3-9	7-8 1/2	14-4 1/4	15-1 1/4	13-10	14-7	59-11 1/8	323.29	2.1929	16,949	124.34	4	7 x 6
	5	210												67-9 1/8	404.57	2.7066	21,175	149.14	5		
	6	252												75-6 1/4	497.66	3.2207	25,663	173.95	6		
8 x 5	2	80	10											42-9 1/8	180.67	1.3267	9,664	75.10	2		
	3	120												51-6 1/8	273.98	1.9228	14,248	106.73	3		
	4	160	14	9	9	7	1-5	1-2	3-3	6-9	12-5 1/4	13-2 1/4	11-10	12-7	60-6 1/8	367.30	2.5170	18,954	135.39	4	8 x 5
	5	200												69-5 1/8	473.63	3.1111	24,079	164.04	5		
	6	240												76-4 1/8	566.94	3.7053	29,028	192.69	6		
8 x 6	2	96	9											46-9 1/2	184.68	1.3935	10,194	85.60	2		
	3	144												55-6 1/8	279.33	2.0092	14,620	115.24	3		
	4	192	13	5	9	7	1-7	1-6	3-9	7-9	14-5 1/4	15-2 1/4	13-10	14-7	64-6 1/8	373.98	2.6250	19,567	144.66	4	8 x 6
	5	240												73-5 1/8	481.64	3.2407	24,775	174.53	5		
	6	288												82-4 1/8	576.29	3.8565	29,787	204.17	6		

[illegible]

④ #6 Bars x to be $\frac{3}{4}" \phi$ Smooth and greased for 1'-0" of Length.

GENERAL NOTES:
Construction Specifications: Latest Approved La. Dept.
of Highways Standard Specifications.
Design Specifications: A.A.S.H.O. 1961 as Amended by Int. Spec. 1964.
Latest Ed. HS 11-44 or Military, Whichever is Greater.
All Concrete to be Class "A".
All Exposed Corners to have $\frac{3}{4}$ " Chamfer Unless Otherwise Noted.
Reinforcement Shall be Billet Steel A.3 T.M.A.G15
or Rail Steel ASTM A616 or A617.
Dimensions Relating to Reinforcing Steel are to Bar Centers.
A 1'-6" Square of Plastic Filter Cloth (See Qualified Products
List) shall be placed in contact with Concrete behind each
Weep Hole; in addition to approx. 2 Cu. Ft. of Concrete Sand.
For Detail of Joints, See Std. Plan C.N. - 43.

STANDARD PLAN
MULTIPLE OPENINGS
REINFORCED CONCRETE BOX CULVERTS
STRAIGHT WINGS 75° CROSSING
7'x5' 7'x6' 8'x5' 8'x6'

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED W.E. Marcum	DETAILED N. Knapp	TRACED J. L. Read
CHECKED N.K. Brown	CHECKED W.E. Grice	CHECKED W.E. Marcum

#4 BARS $F_2 \leq$
(3" Dia. Pin)

APPROVED BY:
Dorsey D. White
CHIEF ENGINEER

1-11-78
DATE

1-11-78	Rev. Weep Hole Note	W.T.
5-30-75	Revised Spill Slope	W.T.
6-8-72	Rev. Gen. Notes For Steel	W.E.
5-2-67	Added Axle Steel	W.E.
DATE	DESCRIPTION	BY
REVISIONS		