SUMMARY OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	SIDE OF C/L	DESCRIPTION	PLAN	TYPE	STORM DRAIN PIPE**** (TYPE 3 JOINTS)					STORM DRAIN PIPE ARCH*** (TYPE 3 JOINTS)						STORM DRAIN PIPE (OUTFALL)# (TYPE 3 JOINTS)	STORM DRAIN PIPE ARCH (OUTFALL) # (TYPE 3 JOINTS)			CROSS DRAIN PIPE**** (TYPE 3 JOINTS)		CATCH BASINS							MANHOLES			FABRICATED CONDUIT FITTING									REINFORCED CONCRETE PIPE ARCH (EXTENSION)	BEDDING MATERIAL (6" THICK)
						15"	18"	24"	30"	36"	15" EQUIV.	18" EQUIV.	24" EQUIV.	30" EQUIV.	36" EQUIV.	42" EQUIV.	36"	30" EQUIV.	36" EQUIV.	42" EQUIV.	24"	48"	CB-01	CB-06	CB-07	CB-08	CB-SD06	CB-SD07	CB-SD08	R-CB-11MOD	R-CB-11	MH-06	15" x 15"	18" x 15"	24" x 15"	24" x 18"	24" x 24"	30" x 15"	30" x 18"	36" x 18"	15" EQUIV.	
						LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LIN. FT.	CU. YDS.
316	173+07.00	LT	STORM DRAIN PIPE ARCH, 30" EQ. x 61'		SDPA									61																												6.80
316A	173+40.00	LT	STORM DRAIN PIPE, 15" x 15'		SDP	15																																				1.20
316B	173+40.00	LT	CB-01 W/TYPE "C" GRATE	CB-01	CB																		1																			
387	173+40.00	LT	R-CB-11	R-CB-11	MH																										1											
336	173+37.00	RT	STORM DRAIN PIPE ARCH, 2-36" EQ. x 121'		SDPA										242																											25.80
336B	174+00.00	RT	CB-01 W/TYPE "C" GRATE	CB-01	CB																		1																			
389	174+00.00	RT	R-CB-11MOD	R-CB-11MOD	MH																									1											
336A	174+00.00	RT	STORM DRAIN PIPE, 18" X 13'		SDP		13																																		1.10
388	174+42.00	LT	STORM DRAIN PIPE ARCH, 30" EQ. x 171'		SDPA									171																											19.00
390	174+75.00	RT	STORM DRAIN PIPE ARCH, 2-36" EQ. x 146'		SDPA										292																											27.00
316C	174+60.00	LT	STORM DRAIN PIPE, 15" X 13'		SDP	13																																			1.00
316D	174+60.00	LT	CB-01 W/TYPE "C" GRATE	CB-01	CB																		1																			
391	175+15.00	LT	R-CB-11	R-CB-11	MH																									1											
316E	175+15.00	LT	STORM DRAIN PIPE, 15" x 10'		SDP	10																																			0.60
316F	175+15.00	LT	CB-01 W/TYPE "C" GRATE	CB-01	CB																		1																			
	174+60.00	LT	FABRICATED CONDUIT FITTING, 30" x 15"		FCF																																	1				
336C	175+50.00	RT	STORM DRAIN PIPE, 18" x 10'		SDP		10																																		0.80
336D	175+50.00	RT	CB-01 W/TYPE "C" GRATE	CB-01	CB																		1																			
393	175+50.00	RT	CB-SD08	CB-SD08	CB																								1												
392	175+62.00	LT	STORM DRAIN PIPE ARCH, 30" EQ. x 44'		SDPA									44																											4.90
394	175+57.00	RT	STORM DRAIN PIPE ARCH, 2-36" EQ. x 10'		SDPA										20																											2.10
397	175+63.00	LT	R-CB-11	R-CB-11	MH																									1											
398	175+86.00	LT	STORM DRAIN PIPE ARCH, 30" EQ. x 42'		SDPA										42																											4.70
399	175+63.00	RT	R-CB-11MOD	R-CB-11MOD	MH																									1											
400	175+86.00	RT	STORM DRAIN PIPE ARCH, 2-36" EQ. x 42'		SDPA										84																											9.00
337	176+09.08	RT	CB-SD08	CB-SD08	CB																								1											
317	176+09.08	LT	CB-SD06	CB-SD06	CB																					1															
317A	176+09.08	LT	STORM DRAIN PIPE, 15" x 12'		SDP	12																																			0.90
317B	176+09.08	LT	CB-01 W/TYPE "C" GRATE	CB-01	CB																		1																			
318	176+59.00	LT	STORM DRAIN PIPE ARCH, 2-30" EQ. x 97'		SDPA									194																											18.00
338	176+59.00	RT	STORM DRAIN PIPE ARCH, 2-36" EQ. x 97'		SDPA								194																													20.70
339	177+09.00	RT	CB-SD08	CB-SD08	CB																								1											
319	177+09.00	LT	CB-SD08	CB-SD08	CB																								1											
320	177+09.00		STORM DRAIN PIPE ARCH, 2 - 36" EQ. x 52'		SDPA										104																											11.10
340	177+12.00	RT	STORM DRAIN PIPE ARCH, 2 - 36" EQ. x 6'		SDPA										12																											1.30
319A	177+37.00	LT	STORM DRAIN PIPE ARCH, 30" EQ. x 74'		SDPA									74																											8.20
341	177+14.00	RT	MH-06	MH-06	MH																										1										
342	177+25.00	RT	STORM DRAIN PIPE ARCH, 2 - 36" EQ. x 25'		SDPA										50																											5.30
343	177+33.00	RT	MH-06	MH-06	MH																										1										
344	177+48.00	RT	STORM DRAIN PIPE ARCH (OUTFALL), 2 - 36" EQ. x 41'		SDPA													82																								8.70
						50	23	0	0	0	0	0	194	544	846	0	0	0	82	0	0	0	6	0	0	0	1	0	4	3	2	2	0	0	0	0	0	1	0	0	0	178
PROJECT TOTALS						952	2077	1670	1999	200	8	141	915	2802	3630	2082	113	56	82	99	86	258	52	39	14	5	5	4	4	13	17	2	1	4	12	1	2	9	1	4	37	1803.57

* ALLOWABLE MATERIAL IS RCP
*** ALLOWABLE MATERIAL IS RCPA
# ALLOWABLE MATERIALS ARE RCP(A) & RPVCP EXCEPT FOR THE LAST 20' OF PIPE.
ALLOWABLE MATERIALS FOR THE LAST 20' OF PIPE ARE BCCSP(A), RPVCP, CSP(A) & CAP(A)

**** Note: Allowable materials include: RCP, BCCSP, CAP and RPVCP
Minimum metal pipe gage required to provide 50-year is shown the CROSS DRAIN PIPE TABLE

CROSS DRAIN PIPE TABLE

ROUND	+ GAGE	
DIAMETER	BCCSP	CAP
24	X/14	X/12
48	14/14	12/12

+ Gage specification (00/00): The upper number is minimum gage for 3" X 1", 5" X 1" or 6" X 1" corrugations and the lower number is minimum gage for 2 2/3" X 1/2" corrugations. An "x" in either the upper or lower space indicates that no gage is applicable in that corrugation style.

Figure 8-32: Summary of Drainage Structures

SHEET NUMBER 62
PARISH: ST. JOHN THE BAPTIST
CONTROL SECTION: 848-12
STATE PROJECT: H.008322
DESIGNED CHECKED
DETAILED CHECKED
SERIES NUMBER: 9 OF 9
NO. DATE BY REVISION OR CHANGE ORDER DESCRIPTION
STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SUMMARY OF DRAINAGE STRUCTURES
LA 637: PORT OF S. LOUISIANA CONNECTOR
DOTD ROAD DESIGN