

BATON ROUGE SSO PROGRAM PROGRESS REPORT MAY 2010



Prepared for
City of Baton Rouge/
East Baton Rouge Parish
Department of
Public Works

Prepared by
CH2MHILL
In association with
SIGMA Consulting Group, Inc.
ILSI Engineering

BATON ROUGE 
Program

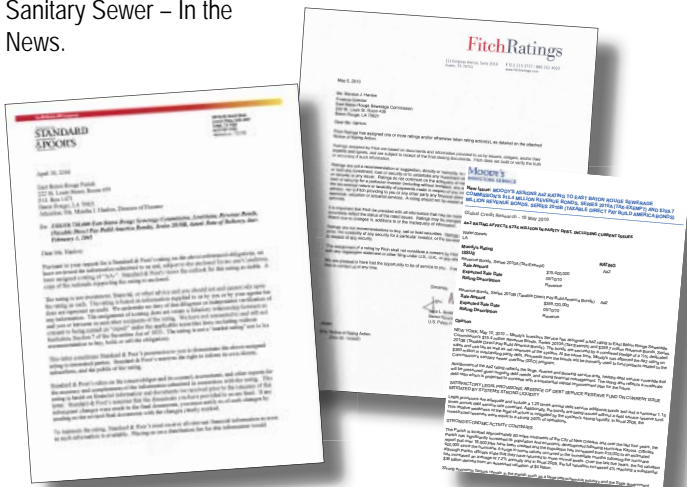
PROGRAM MANAGEMENT

The East Baton Rouge Department of Public Works (DPW) contracted with CH2M HILL, Sigma Consulting, and ILSI Engineering (the Program Management Team [PMT]) to develop and implement a program to address the Consent Decree objectives and to improve the quality of life for residents of the Parish the PMT collected all available information and used it to refine an existing model of the Parish sewer system. This model was then run and the results created solutions to the documented and predicted overflows. After this stage was completed, the remedies were grouped into 85 individual projects and a Program Delivery Plan (PDP) was developed describing each of the projects in detail. The PDP is updated annually and available on the Program Website: http://www.brprojects.com/sewer/pages/programinfo_PDP.htm. The projects were sequenced to maintain the current sewer operations with minimum interruption and to be completed in the proper order to assure that overflows in the area are reduced as projects are completed as directed by the Consent Decree.

As of May 2010, five projects are completed, 18 projects are under construction, and 37 under design.

Committed to Keeping the City-Parish Credit Worthy

Recently the East Baton Rouge Sewerage Commission (EBROSCO) presented an overall update on the SSO Program to three credit rating agencies: The Moody's, Standard & Poor's, and Fitch. For the first time, all three of these agencies rated the local sewer bonds as AA. Moody's report acknowledges that strong economic activities continue in the Parish. Copies of the full reports can be found on the Program web-site at www.brprojects.com, under Greenlight Plan/ Sanitary Sewer – In the News.



IN THE SPOTLIGHT

All Things Generators!

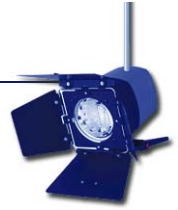
The City of Baton Rouge/East Baton Rouge Parish is in the process of procuring and installing emergency/standby power generators at all of its pump stations in the collection system and at the wastewater treatment plants (WWTPs). In 2008, after Hurricane Gustav caused power outages throughout much of the Parish, the need for emergency generators became evident. While the Parish was without power, the collection system was unable to convey flows to the WWTPs at the pump stations in the system and the WWTPs were not able to operate.

To address this issue, the Parish will install emergency generators at the South WWTP and the North WWTP, and all the pump stations in the collection system as part of this program. Emergency generators, including the equipment purchase and installation costs are estimated to cost \$36M.

Status as of May 2010

There are 429 total generators that will be purchased to accommodate the pump stations and WWTPs in the C-P. The first order of 81 was made in April 2010.

To date, we have received a total of 28 generators which are being stored by DPW until installation. The advertisement for the Installation Contract will be advertised on June 18, 2010 with bid openings scheduled for July 22, 2010.



Removing a 600kw generator off shipping truck to be stored at the warehouse until time for installation.



Three generators being transported to the warehouse for temporary storage.

PROJECTS COMPLETED AND UNDER CONSTRUCTION

There are 5 projects complete, with a total of 139,000 linear feet of gravity main improvements and 16,475 linear feet of forcemain improvements.

	Project Information			Project Components				Consultant/Contractor		Cost	Schedule			
	#	Project Name	Project Type	DPW Project #	Number of Upgraded or Rplaced Pump Stations	Number of Replaced/ Rehabilitated Manholes*	Linear Feet of Forcemain Improvements	Linear Feet of Gravity Main Improvements	Design Consultant	Construction Contractor	Construction Amount	Project Start	Advertise for Construction Bid	Project End
Completed	1	RMAP1 - Kleinpeter Area Upgrades	RMAP1	03-RMP-S14	1	-	2,000	-	Monroe & Corie	Allen & LeBlanc	\$324,024	2/1/2008	7/14/2008	5/8/2009
	2	Jefferson Highway-Hoo Shoo Too Road	Rehab	07-AR-US-0049	-	553	-	-	DPW	Allen & LeBlanc	\$2,239,396	5/16/2007	6/27/2008	9/22/2009
	3	Gurney Road - Joor Road	Capacity	07-PS-BD-0017	1	-	14,475	-	Neel-Schaffer	Grady Crawford	\$1,396,347	1/18/2008	8/29/2008	10/2/2009
	4	25th Street - North Acadian Thruway	Capacity	09-GS-UF-0008	-	-	-	-	Hartman Engineering	(design only)	\$ -	2/2/2009	-	3/4/2010
	5	Staring Lane - Boone Drive	Rehab	08-AR-UF-0004	-	665	-	139,050	CSRS, Inc.	Grady Crawford	\$5,416,540	11/27/2007	1/23/2009	5/3/2010
				2	1,218	16,475	139,050			\$9,376,307				

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Under Construction	1	Staring Lane FM (PHI: Burbank to Highland)	Capacity	06-WC-CP-0036	-	-	2,260	-	Monroe & Corie	James Construction	\$4,615,500	1/11/2008	9/19/2008	8/23/2010
	2	RMAP1 - PS136 Area Upgrades	RMAP1	99-RMP-S16	9	-	27,700	20,700	Sigma Consulting	Nottingham Construction	\$8,928,241	2/1/2008	10/26/2008	10/4/2010
	3	RMAP1 - Industriplex Area Upgrades	RMAP1	99-RMP-S08	6	-	4,000	-	Forie & Tablada	BRH Garver	\$9,674,634	3/10/2008	10/31/2008	9/2/2010
	4	Gardere Lane - Burbank Road	Rehab	08-AR-UF-0003	-	787	-	168,300	CSRS, Inc.	Allen & LeBlanc	\$5,957,855	5/16/2007	11/15/2008	6/5/2010
	5	SWWTP IAPs Combined	WWTP	08-TP-BD-0031	-	-	-	-	CDM, MWH, URS Corp.	Brasfield & Gorrie	\$26,334,627	11/6/2006	12/12/2008	11/12/2010
	6	Foster Road - Hooper Road	Capacity	07-FM-BD-0046	-	-	26,200	-	PEC	Hemphill Construction	\$8,761,675	2/14/2008	1/9/2009	6/28/2010
	7	Comite Drive - Foster Road (PH1)	Capacity	07-PS-BD-0019	3	-	12,080	-	Monroe & Corie	Hemphill Construction	\$1,921,037	3/3/2008	1/16/2009	6/30/2010
	8	Sullivan Rd/Lovett Rd/Wax Rd	Capacity	07-PS-BD-0018	3	-	4,200	2,100	Hartman Engineering	Don M. Barron Contractor	\$2,158,346	1/17/2008	1/16/2009	6/28/2010
	9	Oak Villa Blvd - Choctaw Street	Rehab	08-AR-UF-0005	-	966	-	238,425	CSRS, Inc.	Grady Crawford	\$8,997,369	4/14/2008	5/16/2009	9/7/2011
	10	Comite Drive - Foster Road (PH2)	Capacity	02-CS-HC-0001	-	-	-	1,361	Monroe & Corie	JB James Construction	\$895,957	6/23/2008	6/27/2009	12/10/2010
	11	Scotland Avenue - Progress Road	Rehab	09-AR-BD-0011	-	775	-	189,250	CSRS, Inc.	Magnolia Construction	\$9,207,594	9/9/2008	9/29/2009	3/14/2011
	12	NWWTP Odor Control	WWTP	07-WT-TP-0030	-	-	-	-	Env. Eng Svcs	SEMS, Inc.	\$2,279,038	6/29/2007	10/30/2009	7/19/2010
	13	Elm Grove Garden Road - Harding Blvd	Rehab	09-AR-BD-0012	-	839	-	199,500	CSRS, Inc.	Allen & LeBlanc	\$12,989,271	10/1/2008	9/29/2009	6/13/2011
	14	Group Project 2 - Small Pump Stations	Capacity	08-PS-IF-0046	7	-	-	-	ABMB Eng.	Grady Crawford	\$3,476,003	3/10/2008	3/26/2010	7/13/2011
	15	SWWTP Wet Weather Improve (PH1)	WWTP	08-TP-BD-0033	-	-	-	-	CDM	Brasfield & Gorrie	\$113,227,000	6/23/2008	3/27/2010	7/12/2013
	16	South Boulevard - St. Joseph Street / 25th Street - North Acadian Thruway	Capacity	08-GS-ST-0018	-	-	18,360	3,000	Evans-Graves	Reynolds, Inc.	\$17,965,049	3/27/2008	4/16/2010	4/11/2012
	17	Sharp Road - Florida Blvd	Rehab	09-AR-BD-0013	-	1,154	-	274,475	CSRS, Inc.	Reynolds, Inc.	\$17,492,855	1/15/2009	4/16/2010	5/30/2011
	18	Highland Road - Buchanan Street	Capacity	08-GS-ST-0021	-	-	4,465	8,390	Burk-Kleinpeter/ Justice & Huang (A JV)	Gilmore & Son Construction Corp	\$4,325,851	3/14/2008	4/23/2010	3/17/2011
				28	4,521	99,265	1,105,501			\$259,207,902				

* All manholes are inspected in the project area. Only some are rehabilitated or replaced.



PROJECTS UNDER DESIGN

There are 37 projects currently under design. 24 of those projects are scheduled to advertise for construction bid before year end 2010.

#	Project Name	Project Type	DPW Project #	Design Consultant	Estimated PDP Construction Value	SCHEDULE		
						Project Start	Advertise for Construction Bid Date	Project End
1	Capitol Lake Dr - Gayosa St / 25th St - North Acadian Thruway	Capacity	07-PS-BD-0048	Shread-Kuyrkendall & Associates, Inc.	\$ 5,200,000	1/14/2008	6/18/2010	11/15/2011
2	Foster Drive - Government Street	Rehab	09-AR-BD-0015	CSRS, Inc.	\$ 6,900,000	5/25/2009	6/25/2010	9/21/2011
3	Kenilworth Blvd - Boone Drive	Rehab	09-AR-BD-0014	CSRS, Inc.	\$ 5,400,000	3/26/2009	7/9/2010	10/27/2011
4	Staring Lane FM (Phase II - Highland to Perkins)	Capacity	06-WC-CP-0036	Monroe & Corie	\$ 14,000,000	4/8/2008	7/9/2010	6/7/2012
5	Citiplace/Essen Area - PS119 and Forceman Improvements	Capacity	08-FM-UF-0024	GSA Consulting Engineers, Inc.	\$ 2,800,000	2/25/2008	7/30/2010	7/26/2011
6	Downtown Area - PS15, 19, 59, 60	Capacity	08-PS-ST-0056 / 57	Shaw Environmental & Infrastructure, Inc.	\$ 7,200,000	3/24/2008	8/6/2010	11/27/2012
7	Brookstown Road - Evangeline Street (Phase 1)	Rehab	TBA	CSRS, Inc.	\$ 11,500,000	7/10/2009	8/6/2010	12/4/2012
8	Zachary Area Transmission Network Improvements: PH1	Capacity	10-FM-IF-0002	SJB/Owen & White	\$ 17,000,000	3/24/2008	8/6/2010	2/4/2013
9	Zachary Area Transmission Network Improvements: PH4	Capacity	10-FM-IF-0005	SJB/Owen & White	\$ 10,600,000	3/24/2008	8/13/2010	1/14/2013
10	Highland Road - Burbank Drive	Capacity	08-FM-ST-0023	GOTECH, Inc.	\$ 16,200,000	3/31/2008	8/27/2010	10/25/2012
11	Brookstown Road - Evangeline Street (Phase 2)	Rehab	TBA	CSRS, Inc.	\$ 11,500,000	1/21/2010	9/17/2010	12/20/2012
12	Choctaw Storage and PS Facility	WWTP	09-PS-UF-0009	CDM	\$ 51,518,720	4/14/2008	9/17/2010	9/19/2012
13	PS 58A Overflow Pump Station	Capacity	09-PS-UF-0001	GEC	\$ 11,100,000	1/5/2009	10/8/2010	8/14/2012
14	Zachary Area Transmission Network Improvements: PH3	Capacity	10-FM-IF-0004	SJB/Owen & White	\$ 20,000,000	3/24/2008	10/15/2010	2/14/2014
15	Group Project 1A (Veterans Parkway - Gravity Mains)	Capacity	08-GS-UF-0053	URS Corp.	\$ 29,200,000	3/10/2008	10/15/2010	2/18/2014
16	Central Consolidation- PS42 FM	Capacity	09-FM-MS-0036	SJB/Owen & White	\$ 19,000,000	11/7/2008	10/15/2010	8/31/2012
17	Central Consolidation FM (2,3,5,7,10)	Capacity	09-FM-MS-0033	Shread-Kuyrkendall & Associates, Inc.	\$ 7,400,000	11/7/2008	10/19/2010	8/23/2012
18	Silverleaf Road - Ford Street	Rehab	TBA	CSRS, Inc.	\$ 11,000,000	10/26/2009	10/22/2010	2/21/2012
19	Hooper Storage	WWTP	09-PS-UF-0007	TRC Engineers	\$ 19,700,000	1/19/2009	11/17/2010	6/14/2012
20	Central Pump Station - PS 42	Capacity	09-PS-UF-0003	MWH	\$ 6,900,000	10/21/2008	12/2/2010	10/5/2012
21	Plank Road - Kleinpeter Road	Capacity	09-GS-UF-0028	Forte & Tablada	\$ 7,000,000	3/23/2009	12/2/2010	5/3/2013
22	Multiple PS - Jefferson Highway - Park Forest Drive	Capacity	09-PS-MS-0046	CSRS, Inc.	\$ 2,500,000	6/8/2009	12/9/2010	10/11/2012
23	Perkins/Old Perkins Area - Booster PS514 Improvements	Capacity	09-PS-MS-0034	GEC	\$ 9,800,000	4/24/2009	12/15/2010	4/16/2012
24	Group Project 1B (Veterans Parkway - PS and FM)	Capacity	08-PS-UF-0054	Evans-Graves / Burk Kleinpeter	\$ 17,200,000	3/10/2008	12/16/2010	4/25/2013
25	Bluebonnet Blvd - Jefferson Hwy (Phase 2)	Rehab	TBA	CSRS, Inc.	Included in Phase 1	3/23/2010	1/1/2011	5/10/2012
26	Zachary Area Transmission Network Improvements: PH2	Capacity	10-FM-IF-0003	SJB/Owen & White	\$ 11,800,000	3/24/2008	1/11/2011	10/10/2012
27	Government St - South Acadian Thruway	Capacity	09-GS-MS-0043	GSA Consulting Engineers, Inc.	\$ 4,300,000	8/28/2009	1/12/2011	6/10/2013
28	SWWTP Wet Weather Improve (Phase 2)	WWTP	08-TP-BD-0055	MWH	\$ 40,000,000	10/1/2008	1/14/2011	6/23/2014
29	Central Consolidated Pump Stations (2,3,4,5,6,7,10 and 91)	Capacity	09-PS-MS-0035	Burk Kleinpeter / JIG	\$ 17,100,000	11/7/2008	1/21/2011	11/26/2012
30	Bluebonnet Blvd - Jefferson Hwy (Phase 1)	Rehab	TBA	CSRS, Inc.	\$ 14,000,000	2/8/2010	2/15/2011	4/27/2012
31	Nicholson Dr - Highland Rd - Perkins Rd	Capacity	09-GS-MS-0047	Buchart - Horn	\$ 9,200,000	6/29/2009	2/23/2011	7/24/2013
32	Bayou Duplantier Area Sewer Upgrades	Capacity	09-GS-MS-0042	Neel-Schaffer	\$ 4,400,000	8/31/2009	3/17/2011	7/25/2013
33	Staring Lane FM (Phase III - Perkins to PS58)	Capacity	06-WC-CP-0036	Monroe & Corie	\$ 10,000,000	4/30/2009	3/31/2011	5/2/2013
34	Multiple PS - Nicholson Dr - Brightside Dr	Capacity	09-PS-MS-0048	Arcadis U.S., Inc.	\$ 5,900,000	9/14/2009	4/7/2011	9/15/2013
35	Airline Highway Pipeline Projects	Capacity	10-GS-MS-0007	ABMB Eng.	\$ 28,800,000	1/30/2009	6/22/2011	9/4/2013
36	Multiple PS - Highland Rd - Kenilworth Parkway	Capacity	10-PS-MS-0009	AECOM	\$ 9,200,000	11/9/2009	8/1/2011	4/2/2014
37	O'Neal Lane Pipeline Projects	Capacity	10-FM-MS-0008	URS Corp.	\$ 19,900,000	9/29/2009	8/15/2011	11/21/2013
					\$ 495,218,720			

SSO Projects Under Design





Looking Ahead...

Projects that recently advertised for Construction:

Capital Lake Drive – Gayosa Street: Advertised for construction bids on June 18, 2010. Approximately 18,000 linear feet of forcemain and 7,150 linear feet of gravity main will be improved in the project area. Bids will be opened on July 22, 2010.

Standby Generator Installations: Advertised for construction bids on June 18, 2010. This projects is for the installation and connection of owner furnished equipment at existing sewage lift stations to provide standby power in the event of a utility outage. Bids will be opened on July 22, 2010.

Foster Drive – Government Street: Advertised for construction bids on June 25, 2010. This purpose of this project is to rehabilltee the sewer collection system in the area. Bids will be opened on July 27, 2010.

Upcoming Projects that will advertise for Construction:

Kenilworth Blvd – Boone Drive: Expected to advertise July 2010. The purpose of this project is to rehabilitate the sewer collection system.

Citiplace/Essen Area – PS119 and Forcemain Improvements: Expected to advertise July 2010. The project includes the construction of both 8,100 feet of new 16-inch forcemain from PS119 to PS 58



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