

Baton Rouge SSO Program

Progress Report



January 2011



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



SSO Program Overview

- \$1.2B Infrastructure Improvement Program
- 85 Sewer Projects

January 2011 Status

- 75 active projects valued at \$940 million
 - » 12 projects complete with a construction value of \$53 million
 - » 30 projects under construction with a construction value of \$406 million
 - » 33 projects under design with a PDP construction value of \$481 million

The SSO Program is entering into its busiest year. With nearly all of the 85 projects completed or in design or construction during 2011, residents of the East Baton Rouge Parish will continue to see progress in action. The SSO Program Management Team, CH2M HILL, Sigma Consulting Group, and ILSI Engineering, are committed to keeping you informed of construction related activities that may impact your life. Our Public Information Officers and Construction Communication Team work together with construction managers to respond to your inquiries and resolve any issues. Your questions and concerns about upcoming construction or work in progress are welcome.



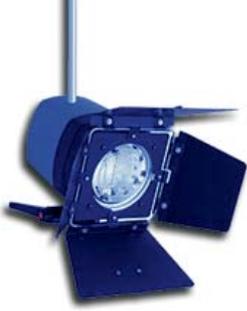
Keeping You Informed During Construction is Important to Us

Call
225.588.5678

with any
construction-related
questions

Construction Communication Highlights

- Seamless integration with the City-Parish's complaint tracking system
- 16 projects staffed with public information officers
- 100 completed service requests
- 69 inquiry calls addressed



In the Spotlight...

Program Odor Control Project Improves
Community Air Quality

To address odor issues at the North Wastewater Treatment Plant (NWWTP), the SSO Program implemented a two phased solution designed by Environmental Engineering Services. The first phase of the project consisted of installing chemical feed systems at five pump stations in the collection system and conducting odor sampling at the NWWTP forcemain and gravity main headworks buildings to determine the effectiveness of the chemical feed systems. As a result of the new chemical feed system, the hydrogen sulfide gases reaching the NWWTP have been significantly reduced, improving air quality in the area.

Phase 2 of the project included the installation of two biotower units, one at each of the two plant headworks buildings, to further reduce odors. These towers capture air from wastewater flow entering the plant and remove the hydrogen sulfide from the captured air. SEMS, Inc. Construction completed construction of the towers in September 2010. Because of the reduction of hydrogen sulfide, NWWTP staff will experience safer working conditions and the community will enjoy improved air quality.



A new biotower unit at the NWWTP will reduce the odors caused by hydrogen sulfide produced in the plant.



Chemical feed systems installed at five pump stations will reduce odors produced by wastewater.

COMPLETED

#	Project Name	Project Type	DPW Project #	Number of Upgraded Pump Stations	Number of Replaced/ Rehabilitated Manholes*	Linear Feet of Forcemain Improvements	Linear Feet of Gravity Main Improvements	Design Consultant	Construction Contractor	Construction Bid Amount	Project Start	Advertise for Construction Bid	Project End
1	Jefferson Highway-Hoo Shoo Too Road	Rehab	07-AR-US-0049	-	553	-	-	DPW	Allen & LeBlanc	\$1,769,438	5/16/2007	6/27/2008	9/22/2009
2	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
3	Staring Lane FM (PH1 - Burbank to Highland)	Capacity	06-WC-CP-0036	-	-	2,260	-	Monroe & Corie	James Construction	\$4,615,500	1/11/2008	9/19/2008	7/2/2010
4	Gurney Road - Joor Road	Capacity	07-PS-BD-0017	1	-	14,475	-	Neel-Schaffer	Grady Crawford	\$1,543,733	1/18/2008	8/29/2008	10/15/2009
5	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
6	RMAP1 - PS136 Area Upgrades	RMAP1	99-RMP-S16	9	-	27,700	20,700	Sigma Consulting	Nottingham Construction	\$8,994,709	2/1/2008	10/26/2008	9/15/2010
7	Comite Drive - Foster Road (PH1)	Capacity	07-PS-BD-0019	3	-	12,080	-	Monroe & Corie	Hemphill Construction	\$1,923,521	3/3/2008	1/16/2009	6/30/2010
8	25th Street - North Acadian Thruway	Capacity	09-GS-UF-0008	-	-	-	-	Hartman Engineering	(design only)	-	2/2/2009	-	3/4/2010
9	NWWTP Odor Control	WWTP	07-WP-TP-0030	-	-	-	-	Environmental Eng Svcs	SEMS, Inc.	\$3,513,463	6/29/2007	10/30/2009	11/19/2010
10	Foster Road - Hooper Road	Capacity	07-FM-BD-0046	-	-	26,200	-	PEC	Hemphill Construction	\$8,761,675	2/14/2008	1/9/2009	11/30/2010
11	Burbank Road - Gardere Lane	Rehab	08-AR-UF-0003	-	787	-	168,300	CSRS, Inc.	Allen & LeBlanc	\$6,126,532	5/16/2007	11/14/2008	1/3/2011
12	RMAP1 - Industripex Area Upgrades	RMAP1	99-RMP-S08	6	-	4,000	-	Forté & Tablada	BRH Garver	\$10,018,093	3/10/2008	10/31/2008	1/31/2011
				20	2,005	88,715	328,050			\$53,007,229			

UNDER CONSTRUCTION

#	Project Name	Project Type	DPW Project #	Number of Upgraded Pump Stations	Number of Replaced/ Rehabilitated Manholes*	Linear Feet of Forcemain Improvements	Linear Feet of Gravity Main Improvements	Design Consultant	Construction Contractor	Construction Bid Amount	Project Start	Advertise for Construction Bid	Project End
1	SWWTP IAPs Combined	WWTP	08-TP-BD-0031	-	-	-	-	CDM, MWH, URS Corp.	Brasfield & Gorrie	\$27,159,964	11/6/2006	12/12/2008	3/2/2011
2	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	4/1/2011
3	Oak Villa Blvd - Choctaw Street	Rehab	08-AR-UF-0005	-	966	-	238,425	CSRS, Inc.	Grady Crawford	\$8,997,369	4/14/2008	5/15/2009	9/7/2011
4	Comite Drive - Foster Road (PH2)	Capacity	02-CS-HD-0001	-	-	-	1,361	Monroe & Corie	JB James Construction	\$895,957	6/23/2008	6/27/2009	2/25/2011
5	Scotland Avenue - Progress Road	Rehab	09-AR-BD-0011	-	775	-	189,250	CSRS, Inc.	Magnolia Construction	\$9,207,594	9/9/2008	9/25/2009	3/14/2011
6	Elm Grove Garden Road - Harding Blvd	Rehab	09-AR-BD-0012	-	839	-	199,500	CSRS, Inc.	Allen & LeBlanc	\$12,989,271	10/1/2008	9/25/2009	6/13/2011
7	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	8/15/2011
8	SWWTP Wet Weather Improve (PH1)	WWTP	08-TP-BD-0033	-	-	-	-	CDM	Brasfield & Gorrie	\$108,443,892	6/23/2008	3/25/2010	4/18/2013
9	South Blvd-St. Joseph St / 25th St - N. Acadian Thruway	Capacity	08-GS-ST-0018	-	-	18,360	3,000	Evans-Graves	Reynolds, Inc.	\$17,965,049	3/27/2008	4/16/2010	1/11/2012
10	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	7/7/2012
11	Highland Road - Buchanan Street	Capacity	08-GS-ST-0021	-	-	4,465	8,390	Burk-Kleinpeter/Justice & Huang (JV)	Gilmore & Sons Construction	\$4,325,851	3/14/2008	4/23/2010	10/5/2011
12	Capitol Lake Dr - Gayosa St / 25th St - N. Acadian Thruway	Capacity	07-PS-BD-0048	-	-	19,320	19,150	Shread-Kuykendall & Associates, Inc.	Morgan Contracting, Inc. of FL	\$10,497,568	1/14/2008	6/18/2010	2/17/2012
13	Emergency Generators Purchasing	Other	09-PS-BD-0037	-	-	-	-	N/A	ARCCO	\$19,100,000	2009	6/18/2010	2011
14	Foster Drive - Government Street (PHA)	Rehab	09-AR-BD-0015	-	629	-	80,600	CSRS, Inc.	Grady Crawford	\$4,819,752	5/25/2009	6/25/2010	3/13/2012
15	Staring Lane FM (PH2 - Highland to Perkins)	Capacity	06-WC-CP-0036	-	-	12,363	-	Monroe & Corie	JB James Construction		4/4/2008	8/6/2010	2/5/2013
16	Citilace/Essex Area - PS119 and FM Improvements	Capacity	08-FM-UF-0024	1	-	8,100	-	GSA Consulting Engineers, Inc.	BRH Garver	\$2,801,502	2/25/2008	8/20/2010	1/3/2012
17	Zachary Area Transmission Network (PH1)	Capacity	10-FM-IF-0002	3	-	-	-	SJB/Owen & White	Max Foote Construction	\$18,486,500	3/24/2008	8/20/2010	8/12/2013
18	Zachary Area Transmission Network (PH4)	Capacity	10-FM-IF-0005	-	-	42,500	-	SJB/Owen & White	Wicker Construction	\$7,091,115	3/24/2008	8/27/2010	1/22/2013
19	Downtown Area - PS15, PS19, PS59, PS60	Capacity	08-PS-ST-0056/57	4	-	-	-	Shaw Environmental & Infrastructure, Inc.	Guy Hopkins Construction Co.	\$4,841,000	3/24/2008	9/3/2010	12/18/2012
20	Foster Drive - Government Street (PHB)	Rehab	09-AR-BD-0015	-	-	-	78,700	CSRS, Inc.	Insituform Technologies	\$2,863,100	5/25/2009	9/17/2010	2/17/2012
21	Kenilworth Blvd - Boone Drive	Rehab	09-AR-BD-0014	-	1,159	-	72,000	CSRS, Inc.	Allen & LeBlanc	\$5,186,129	3/26/2009	10/8/2010	3/16/2012
22	Zachary Area Transmission Network (PH3)	Capacity	10-FM-IF-0004	-	-	27,000	-	SJB/Owen & White	Hemphill Construction	\$8,947,920	3/24/2008	10/15/2010	2/25/2014
23	Brookstown Road - Evangeline Street (PH1)	Rehab	10-AR-BD-0039	-	1,150	-	161,000	CSRS, Inc.	Grady Crawford	\$10,309,180	7/10/2009	10/15/2010	11/13/2012
24	Choctaw Storage and PS Facility	WWTP	09-PS-UF-0009	3	-	25,000	-	CDM	Brasfield & Gorrie	\$43,237,000	4/14/2008	10/22/2010	12/20/2012
25	Highland Road - Burbank Drive	Capacity	08-FM-ST-0023	-	-	39,400	-	GOTECH, Inc.	RACON, Inc.	\$20,591,067	3/31/2008	10/29/2010	12/3/2012
26	Group Project 1A (Veterans Parkway - Gravity Mains)	Capacity	08-GS-UF-0053	-	-	-	46,000	URS Corp.	Texas Sterling Const. Co.	\$19,581,108	3/10/2008	10/29/2010	10/28/2012
27	Nicholson Dr - Highland Rd - Perkins Rd (PHA)	Capacity	09-FM-MS-0047	-	20	8,400	3,400	Buchart - Horn	Grady Crawford	\$2,591,613	6/29/2009	10/29/2010	8/29/2011
28	Emergency Generators Installation	Other	09-PS-BD-0037	-	-	-	-	N/A	TBA**	\$7,102,284	2010	-	2013
29	Brookstown Road - Evangeline Street (PH2)	Rehab	10-AR-BD-0040	-	1,075	-	84,000	CSRS, Inc.	John Plott Company	\$5,467,640	10/8/2009	11/12/2010	9/26/2012
30	Silverleaf Road - Ford Street	Rehab	10-AR-BD-0041	-	-	-	115,200	CSRS, Inc.	TBA**		10/26/2009	2/4/2011	5/25/2012
				21	7,767	209,108	1,576,551			\$406,626,628			

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

** Contractor is yet to be selected. The construction bid amount is the engineering estimate.

Project Information				Consultant Information		Cost	Schedule	
#	Project Name	Project Type	DPW Project #	Design Consultant	Estimated PDP Construction Value	Project Start	Advertise for Construction Bid	Project End
1	Multiple PS - Jefferson Highway - Park Forest Drive	Capacity	09-PS-MS-0046	CSRS, Inc.	\$2,620,000	6/8/2009	2/25/2011	10/18/2012
2	Zachary Area Transmission Network Improvements - PH2	Capacity	10-FM-IF-0003	SJB/Owen & White	\$14,583,700	3/24/2008	6/24/2011	3/7/2013
3	Perkins/Old Perkins Area - Booster PSS14 Improvements	Capacity	09-PS-MS-0034	GEC	\$10,397,000	4/24/2009	2/18/2011	1/31/2013
4	PS 58 Overflow Pump Station	Capacity	09-PS-UF-0001	GEC	\$15,750,000	1/5/2009	9/9/2011	11/22/2013
5	Central Consolidation FM (2,3,5,7,10)	Capacity	09-FM-MS-0033	Shread-Kuykendall & Associates, Inc.	\$10,601,000	11/7/2008	7/15/2011	8/19/2013
6	Central Consolidation- PS42 FM	Capacity	09-FM-MS-0036	SJB/Owen & White	\$25,021,000	11/7/2008	6/3/2011	7/8/2013
7	Nicholson Dr - Highland Rd - Perkins Rd - PHB	Capacity	09-FM-MS-0047	Buchart - Horn	\$7,965,000	6/29/2009	5/20/2011	5/2/2013
8	Bluebonnet Blvd - Jefferson Hwy Ph 1	Rehab	10-AR-MS-0043	CSRS, Inc.	\$6,685,000	2/8/2010	3/11/2011	7/10/2012
9	Bayou Duplantier Area Sewer Upgrades	Capacity	09-GS-MS-0042	Neel-Schaffer	\$4,374,000	8/31/2009	7/15/2011	6/27/2013
10	Bluebonnet Blvd - Jefferson Hwy Ph 2	Rehab	10-AR-UF-0042	CSRS, Inc.	\$6,685,000	3/23/2010	4/8/2011	7/23/2012
11	Central Consolidated Pump Stations (2,3,4,5,6,7,10 and 91)	Capacity	09-PS-MS-0035	Burk Kleinpeter / JIG	\$16,592,000	11/7/2008	7/29/2011	3/12/2013
12	Group Project 1B (Veterans Parkway - PS and FM)	Capacity	08-PS-UF-0054	Evans-Graves / Burk Kleinpeter	\$19,309,000	3/10/2008	8/12/2011	1/24/2014
13	Central Pump Station - PS 42	Capacity	09-PS-UF-0003	MWH	\$6,695,070	10/21/2008	6/26/2011	9/6/2013
14	Staring Lane FM (PH3 - Perkins to PSS8)	Capacity	06-WC-CP-0036	Monroe & Corie	\$9,550,000	4/30/2009	4/15/2011	9/27/2013
15	Multiple PS - Nicholson Dr - Brightside Dr	Capacity	09-PS-MS-0048	Arcadis U.S., Inc.	\$6,113,000	9/14/2009	8/19/2011	1/31/2014
16	Hooper Storage	WWTP	09-PS-UF-0007	TRC Engineers	\$19,115,000	1/19/2009	11/11/2011	12/24/2013
17	Government St - S. Acadian Thruway	Capacity	09-GS-MS-0043	GSA Consulting Engineers, Inc.	\$4,680,000	8/28/2009	5/27/2011	11/8/2012
18	Acadian Thruway - Perkins Road	Rehab	10-AR-BD-0044	CSRS, Inc.	\$3,915,500	8/2/2010	5/27/2011	10/9/2012
19	Plank Road - Kleinpeter Road	Capacity	09-GS-UF-0028	Forte & Tablada	\$7,583,000	3/23/2009	10/28/2011	1/10/2014
20	Stanford Avenue - Morning Glory Road	Rehab	10-AR-BD-0045	CSRS, Inc.	\$6,876,000	8/2/2010	6/17/2011	10/26/2012
21	Acadian Thruway - Claycut Road	Rehab	10-AR-BD-0046	CSRS, Inc.	\$7,449,000	8/24/2010	8/19/2011	12/28/2012
22	SWWTP Wet Weather Improve (PH2)	WWTP	08-TP-BD-0055	MWH	\$107,219,000	10/1/2008	8/19/2011	12/31/2014
23	O'Neal Lane Pipeline Projects	Capacity	10-FM-MS-0008	URS Corp.	\$17,286,000	9/29/2009	9/9/2011	2/21/2014
24	Airline Highway Pipeline Projects	Capacity	10-GS-MS-0007	ABMB Eng.	\$35,240,000	1/30/2009	1/13/2012	9/26/2014
25	Multiple PS - Highland Rd - Kenilworth Parkway	Capacity	10-PS-MS-0009	AECOM	\$8,926,760	2/8/2010	10/5/2012	12/19/2014
26	Hooper Road Pump Station	Capacity	10-PS-MS-0048	Stanley	\$11,935,000	5/3/2010	7/6/2012	12/19/2014
27	Lovett Road - Greenwell Springs	Capacity	10-FM-MS-0049	SJB/Owen & White	\$18,145,000	5/3/2010	6/15/2012	12/30/2014
28	O'Neal Lane Pump Stations A	Capacity	10-PS-MS-0050	MWH	\$12,226,000	5/25/2010	7/13/2012	12/26/2014
29	O'Neal Lane Pump Stations B	Capacity	10-PS-MS-0051	URS Corp.	\$9,800,000	5/25/2010	7/13/2012	12/16/2014
30	Highland Road - Washington Street	Rehab	TBA	CSRS, Inc.	\$8,022,000	10/11/2010	8/5/2011	12/14/2012
31	Florida Blvd Pump Station Improvements	Capacity	TBA	TBA	\$15,000,000	1/28/2011	10/26/2012	12/9/2014
32	Highland Road Pipeline Improvements	Capacity	TBA	TBA	\$15,000,000	1/28/2011	10/26/2012	12/9/2014
33	Sherwood Forest Blvd - Goodwood Blvd Pipeline Improvements	Capacity	TBA	TBA	\$10,200,000	1/28/2011	4/5/2013	12/18/2014

481,559,030

Projects to be Advertised for Construction

The following projects are expected to advertise for construction bids in 1Q 2011:

- Multiple Pump Stations - Jefferson Highway - Park Forest Drive Capacity Improvement Project
- Silverleaf Road - Ford Street Rehabilitation Project
- Perkins/Old Perkins Area - Booster PS514 Capacity Improvement Project
- Bluebonnett Blvd - Jefferson Highway Phase I Rehabilitation Project

Projects to be Advertised for Engineering Selection

SGC-C-0001 (Florida Boulevard PS Projects) – Anticipated 1Q 2011. Estimated Construction Cost - \$15,000,000. This project consists of replacing eight pump stations (PSs) and installing one new PS with future peak wet weather flows ranging from 800 to 23,000 gpm.

SGL-C-0003 (Highland Road Pipeline Projects) – Anticipated 1Q 2011. Estimated Construction Cost - \$15,000,000. This project consists of approximately 39,700 linear feet (lf) of gravity sanitary sewer pipeline upgrades ranging in diameter from 15 to 42 inches and approximately 11,040 lf of new and upgraded forcemain sewer ranging in diameter from 10 to 24 inches.

SGU-C-0003 (Sherwood Forest Boulevard – Goodwood Boulevard Pipeline Projects) – Anticipated 1Q 2011. Estimated Construction Cost - \$10,200,000. This project consists of replacing approximately 26,940 lf of gravity sanitary sewer pipeline with 10- to 36-inch diameter pipeline and replacing 310 lf of 10-inch forcemain.



BATON ROUGE SSO PROGRAM PROGRESS REPORT

JANUARY 2011

BATON ROUGE SSO
Program

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