

Baton Rouge SSO Program

Progress Report



December 2010

Prepared for

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

Prepared by

In association with
SIGMA Consulting Group, Inc.
ILSI Engineering

BATON ROUGE 
Program



2010 Year In Review



Community leaders and small and disadvantaged business owners attended a seminar in March 2010 sponsored by the Mayor-President's office to encourage and promote local businesses.

2010 Program Highlights

- 71 active projects valued at \$947 million
 - » 11 projects complete with a construction value of \$42 million
 - » 30 projects under construction with a construction value of \$447 million
 - » 30 projects under design with a Program Delivery Plan (PDP) construction value of \$447 million
- More than 170 different firms participating on projects



Construction on the \$113 million Phase 1 Wet Weather Capacity Improvement project at the South WWTP started in September 2010. During periods of heavy rain, four covered storage tanks that are being installed will hold rainwater mixed with sewage and release its flow gradually so as to not overwhelm the plant. By capturing and storing the excess flow, sewer backups in neighborhoods and overflows will be reduced.

Coordination and Preparedness Benefits the Community

- Conducted construction sequencing analysis to ensure intra-program project coordination that resulted in the consolidation/combining of several projects
- Coordinated with DPW projects and the Green Light Program to improve effectiveness and reduce construction-related disruptions to residents
- Initiated the emergency generators project

Communication with the Community

- Launched construction communication outreach program
- Coordinated closely with construction managers
- Provided Project Information Officers to respond to residents' questions and issues
- Initiated a construction hotline
- Coordinated with the City-Parish to track and follow up on residents' calls



**Call 225.588.5678
with any construction-
related questions**

Supporting Local Disadvantaged Business Enterprises (DBEs)

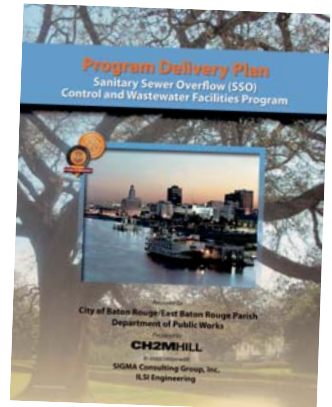
- Provided support to DBEs interested in participating on projects
- Participated in DBE outreach events
- Collaborated with the Mayor-President's office on initiatives to encourage DBE participation
- Met with DBE firms interested in participating in program projects
- Launched a Mentor-Protégé program and DBE land acquisition apprentice program



SSO Program Staff met with local business owners during a community outreach event.

Excellence in Program Management

- General Program Management including program controls (scheduling and cost control), document control, quality assurance, communication, outreach, health and safety, and financial management
- Design Management including engineering management, land acquisition (appraisal, inspection, titling, surveying, and negotiation), GIS, CCTV physical inspections, hydraulic investigations, permitting, archeological assessment, and hydraulic evaluation oversight
- Construction Management: Construction and contractor management, oversight of permitting and stormwater pollution prevention plans, and construction field administration



The Program Delivery Plan defines the projects to be implemented under the SSO Program to reduce sanitary sewer overflows and improve the quality of life for residents and businesses.

PROJECTS COMPLETED AND UNDER CONSTRUCTION

Project Information

Project Components

Consultant/Contractor Information

Cost Schedule

#	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	\$2,239,396	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	6/14/2010
4	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
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	\$8,928,241	2/1/2008	10/26/2008	9/30/2010
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	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.	\$2,279,038	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
				14	2,005	84,715	328,050			\$42,008,331			

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1	RMAP1 - Industriplex Area Upgrades	RMAP1	99-RMP-S08	6	-	4,000	-	Forté & Tablada	BRH Garver	\$9,674,634	3/10/2008	10/31/2008	1/31/2011
2	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
3	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
4	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
5	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	2/25/2011
6	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
7	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
8	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
9	SWWTP Wet Weather Improve (PH1)	WWTP	08-TP-BD-0033	-	-	-	-	CDM	Brasfield & Gorrie	\$113,227,000	6/23/2008	3/25/2010	4/18/2011
10	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
11	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	7/9/2012
12	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
13	Capitol Lake Dr - Gayosa St / 25th St - N. Acadian Thruway	Capacity	07-PS-BD-0048	-	-	19,320	19,150	Shread-Kuyrkendall & Associates, Inc.	Morgan Contracting, Inc. of FL	\$10,497,568	1/14/2008	6/18/2010	2/17/2012
14	Emergency Generators Purchasing	Other	09-PS-BD-0037	-	-	-	-	N/A	ARCCO	\$19,100,000	2009	6/18/2010	2011
15	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
16	Staring Lane FM (PH2 - Highland to Perkins)	Capacity	06-WC-CP-0036	-	-	12,363	-	Monroe & Corie	JB James Construction	\$10,715,000	4/4/2008	8/6/2010	2/5/2013
17	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	10/5/2011
18	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
19	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
20	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
21	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
22	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
23	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
24	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
25	Choctaw Storage and PS Facility	WWTP	09-PS-UF-0009	3	-	25,000	-	CDM	Brasfield & Gorrie	\$55,000,000	4/14/2008	10/22/2010	12/20/2012
26	Highland Road - Burbank Drive	Capacity	08-FM-ST-0023	-	-	39,400	-	GOTECH, Inc.	RACON, Inc.	\$20,724,000	3/31/2008	10/29/2010	12/3/2012
27	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
28	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
29	Emergency Generators Installation	Other	09-PS-BD-0037	-	-	-	-	N/A	TBA**	\$11,000,000	2010	-	2013
30	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
				27	7,767	213,108	1,461,351			\$447,593,019			

* 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	2/4/2011	10/18/2012
2	Silverleaf Road - Ford Street	Rehab	10-AR-BD-0041	CSRS, Inc.	10,505,000	10/26/2009	2/4/2011	5/25/2012
3	Perkins/Old Perkins Area - Booster PS514 Improvements	Capacity	09-PS-MS-0034	GEC	10,397,000	4/24/2009	2/18/2011	1/31/2013
4	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
5	PS 58 Overflow Pump Station	Capacity	09-PS-UF-0001	GEC	15,750,000	1/5/2009	9/9/2011	4/24/2013
6	Central Consolidation FM (2,3,5,7,10)	Capacity	09-FM-MS-0033	Shread-Kuyrkendall & Associates, Inc.	10,601,000	11/7/2008	7/15/2011	8/19/2013
7	Central Consolidation- PS42 FM	Capacity	09-FM-MS-0036	SJB/Owen & White	25,021,000	11/7/2008	6/3/2011	7/8/2013
8	Nicholson Dr - Highland Rd - Perkins Rd - PHB	Capacity	09-FM-MS-0047	Buchart - Horn	11,365,000	6/29/2009	5/20/2011	5/2/2013
9	Bluebonnet Blvd - Jefferson Hwy Ph 1	Rehab	10-AR-MS-0043	CSRS, Inc.	6,685,000	2/8/2010	3/4/2011	7/10/2012
10	Bayou Duplantier Area Sewer Upgrades	Capacity	09-GS-MS-0042	Neel-Schaffer	4,374,000	8/31/2009	7/15/2011	6/27/2013
11	Bluebonnet Blvd - Jefferson Hwy Ph 2	Rehab	10-AR-UF-0042	CSRS, Inc.	6,685,000	3/23/2010	3/11/2011	7/23/2012
12	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
13	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
14	Central Pump Station - PS 42	Capacity	09-PS-UF-0003	MWH	6,695,070	10/21/2008	6/24/2011	9/6/2013
15	Staring Lane FM (PH3 - Perkins to PS58)	Capacity	06-WC-CP-0036	Monroe & Corie	9,550,000	4/30/2009	4/15/2011	9/27/2013
16	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
17	Hooper Storage	WWTP	09-PS-UF-0007	TRC Engineers	19,115,000	1/19/2009	11/11/2011	12/24/2013
18	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
19	Acadian Thruway - Perkins Road	Rehab	TBA	CSRS, Inc.	3,915,500	8/2/2010	6/3/2011	10/9/2012
20	Plank Road - Kleinpeter Road	Capacity	09-GS-UF-0028	Forte & Tablada	7,583,000	3/23/2009	10/28/2011	1/10/2014
21	Stanford Avenue - Morning Glory Road	Rehab	TBA	CSRS, Inc.	6,876,000	8/2/2010	5/27/2011	10/9/2012
22	Acadian Thruway - Claycut Road	Rehab	TBA	CSRS, Inc.	7,449,000	8/24/2010	7/8/2011	11/14/2012
23	SWWTP Wet Weather Improve (PH2)	WWTP	08-TP-BD-0055	MWH	107,219,000	10/1/2008	8/19/2011	12/31/2014
24	O'Neal Lane Pipeline Projects	Capacity	10-FM-MS-0008	URS Corp.	17,286,000	9/29/2009	9/9/2011	2/21/2014
25	Airline Highway Pipeline Projects	Capacity	10-GS-MS-0007	ABMB Eng.	35,240,000	1/30/2009	1/13/2012	9/26/2014
26	Multiple PS - Highland Rd - Kenilworth Parkway	Capacity	10-PS-MS-0009	AECOM	8,926,760	2/8/2010	10/15/2012	12/19/2014
27	Hooper Road Pump Station	Capacity	10-PS-MS-0048	Stanley	11,935,000	5/3/2010	7/6/2012	12/19/2014
28	Lovett Road - Greenwell Springs	Capacity	10-FM-MS-0049	SJB/Owen & White	18,145,000	5/3/2010	6/15/2012	12/30/2014
29	O'Neal Lane Pump Stations A	Capacity	10-PS-MS-0050	MWH	12,226,000	5/25/2010	7/13/2012	12/26/2014
30	O'Neal Lane Pump Stations B	Capacity	10-PS-MS-0051	URS Corp.	9,800,000	5/25/2010	7/13/2012	12/26/2014

447,242,030

UNDER DESIGN

Projects Expected to Advertise 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 Expected to Advertise for Engineering Design

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.

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