



# Baton Rouge SSO Program

*Progress Report*



*September 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 **SSO**  
Program



## Program Management



### SSO Program Overview

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

### September 2010 Status

- 67 active projects
- 8 projects completed
- 25 projects in construction
- 34 projects under design

### Program Highlights

- More than 160 different firms have participated in SSO Program projects
- Actively supporting Disadvantaged Business Enterprise (DBE) participation
- Coordinating with the Green Light Program continues to improve effectiveness and reduce construction related disruptions to residents.
- Installing of emergency generators at all pump stations

During September, ten additional Sanitary Sewer Overflow (SSO) Program projects entered into design or construction. These 67 projects involve sewer rehabilitation, and capacity and wastewater treatment plant improvements. While continuing to manage and oversee design and construction projects and advertise bids for upcoming projects, the Program Management Team (CH2M HILL, Sigma Consulting, and ILSI Engineering) continued planning for 2011 and issued revised Program Design Requirements (which are available at [www.brprojects.com](http://www.brprojects.com)).

Many of the Program projects are undergoing or have completed detailed design and are transitioning into construction. As the number of construction projects increase, area specific construction information will be available on the Program website and through the hotline at 225.588.5678.

The SSO Program is a comprehensive sewer improvement program designed to meet federal requirements, improve the quality of life for residents, and protect the area's rich natural resources. Positive side benefits of the program are an increased infrastructure capacity to support growth and economic development, and the capacity to build the local disadvantaged business enterprises.



Mayor Holden hosts Phase 1 groundbreaking at the South Wastewater Treatment Plant.

## In The Spotlight...

Mayor Presides Over Groundbreaking for the Phase 1 Project at the South Wastewater Treatment Plant

On September 16, 2010, Mayor-President Melvin L. "Kip" Holden hosted a groundbreaking ceremony marking the start of construction for the Phase 1 Wet Weather Capacity Improvement Project at the South Wastewater Treatment Plant.

In addition to Mayor Holden, attendees included representatives from the Department of Public Works, the SSO Program Management Team of CH2M HILL, Sigma Consulting Group and ILSI Engineering, engineering design consultant Camp, Dresser, & McKee, and construction contractor Brasfield & Gorrie, LLC.

### Improvements include:

- Two high volume pump stations
- An odor control system
- A new electrical substation
- A new 200-million gallon per day headworks
- Extensive yard piping and site work

This \$113 million Phase 1 Project is the second of three major improvement projects at the South Wastewater Treatment Plant being implemented on an expedited schedule to improve the plant's operational and mechanical reliability. These improvements will enable the plant to accommodate future flows, and as a critical component of the SSO Program, will promote compliance with the plant's effluent discharge permits.



Groundbreaking marks the beginning of construction of Phase 1.

The project features the installation of four covered storage tanks with a total storage capacity of 66 million gallons. During periods of heavy rain, these tanks will hold rainwater mixed with sewage and will release the flow gradually so that the treatment plant is not overwhelmed. By capturing and storing the excess flow, sewer backups in neighborhoods will be reduced.

## 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	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
6	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	6/30/2020
7	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
8	RMAP1 - PS136	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
				14	1,218	58,515	159,750			\$24,841,085			

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1	RMAP1 - Industriplex Area Upgrades	RMAP1	99-RMP-S08	6	-	4,000	-	Forte & Tablada	BRH Garver	\$9,674,634	3/10/2008	10/31/2008	10/29/2010
2	Gardere Lane - Burbank Road	Rehab	08-AR-UF-0003	-	787	-	168,300	CSRS, Inc.	Allen & LeBlanc	\$6,126,532	5/16/2007	11/14/2008	10/28/2010
3	SWWTP IAPs Combined	WWTP	08-TP-BD-0031	-	-	-	-	CDM, MWH, URS Corp.	Brasfield & Gorrie	\$27,159,964	11/6/2006	12/12/2008	1/11/2011
4	Foster Road - Hooper Road	Capacity	07-FM-BD-0046	-	-	26,200	-	PEC	Hemphill Construction	\$8,761,675	2/14/2008	1/9/2009	10/15/2010
5	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	10/29/2010
6	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
7	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	12/30/2010
8	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
9	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
10	NWWTP Odor Control	WWTP	07-WT-TP-0030	-	-	-	-	Environmental Eng Svcs	SEMS, Inc.	\$2,279,038	6/29/2007	10/30/2009	10/24/2010
11	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	8/16/2011
12	SWWTP Wet Weather Improve (PH1)	WWTP	08-TP-BD-0033	-	-	-	-	CDM	Brasfield & Gorrie	\$113,227,000	6/23/2008	3/26/2010	4/18/2010
13	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	4/23/2010
14	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	1/13/2012
15	Highland Road - Buchanan Street	Capacity	08-GS-ST-0021	-	-	4,465	8,390	Burk-Kleinpeter/ Justice & Huang (JV)	Gilmore & Son Construction Corp	\$4,325,851	3/14/2008	4/23/2010	10/5/2011
16	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 Florida	\$10,497,568	1/14/2008	6/18/2010	1/27/2012
17	Emergency Generators Purchasing	Other	09-PS-BD-0037	-	-	-	-	ARCCO	N/A	\$19,100,000	2009	6/18/2010	2010
18	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	2/27/2012
19	Citiplace/Essen Area - PS119 and FM Improve.	Capacity	08-FM-UF-0024	1	-	8,100	-	GSA Consulting Engineers	BRH Garver	\$2,801,502	2/25/2008	8/20/2010	1/31/2012
20	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	12/24/2012
21	Staring Lane FM (PH2 - Highland to Perkins)	Capacity	06-WC-CP-0036	-	-	12,363	-	Monroe & Corie	TBA**	\$10,715,000	4/4/2008	8/6/2010	2/5/2013
22	Zachary Area Transmission Network - PH1	Capacity	10-FM-IF-0002	3	-	-	-	SJB/Owen & White	TBA**	\$19,682,938	3/24/2008	8/27/2010	3/22/2013
23	Emergency Generators Installation	Other	09-PS-BD-0037	-	-	-	-	N/A	TBA**	\$11,000,000	2010	8/27/2010	2013
24	Downtown Area - PS15,19, 59, 60	Capacity	08-PS-ST-0056/57	4	-	-	-	Shaw Environmental & Infrac.	TBA**	\$4,684,816	3/24/2008	9/3/2010	2/14/2012
25	Foster Drive - Government Street (PHB)	Rehab	09-AR-BD-0015	-	-	-	78,700	CSRS, Inc.	TBA**	\$4,714,084	5/25/2009	9/21/2010	2/27/2012
				24	5,150	139,508	1,263,251			\$339,843,913			

## 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	Kenilworth Blvd - Boone Drive	Rehab	09-AR-BD-0014	CSRS, Inc.	\$5,400,000	3/26/2009	10/8/2010	3/16/2012
2	Choctaw Storage and PS Facility	WWTP	09-PS-UF-0009	CDM	\$51,518,720	4/14/2008	10/15/2010	11/21/2012
3	Group Project 1A (Veterans Parkway - Gravity Mains)	Capacity	08-GS-UF-0053	URS Corp.	\$29,200,000	3/10/2008	10/15/2010	3/19/2014
4	Zachary Area Transmission Network Improvements - PH3	Capacity	10-FM-IF-0004	SJB/Owen & White	\$20,000,000	3/24/2008	10/15/2010	2/25/2014
5	Brookstown Road - Evangeline Street - PH1	Rehab	10-AR-BD-0039	CSRS, Inc.	\$11,500,000	7/10/2009	10/15/2010	11/13/2012
6	Highland Road - Burbank Drive	Capacity	08-FM-ST-0023	GOTECH, Inc.	\$16,200,000	3/31/2008	10/22/2010	12/31/2012
7	Brookstown Road - Evangeline Street - PH2	Rehab	10-AR-BD-0040	CSRS, Inc.	\$11,500,000	10/8/2009	10/29/2010	9/12/2012
8	Group Project 1B (Veterans Parkway - PS and FM)	Capacity	08-PS-UF-0054	Evans-Graves / Burk Kleinpeter	\$17,200,000	3/10/2008	12/10/2010	4/19/2013
9	Silverleaf Road - Ford Street	Rehab	10-AR-BD-0041	CSRS, Inc.	\$11,000,000	10/26/2009	12/10/2010	5/1/2012
10	Central Consolidation- PS42 FM	Capacity	09-FM-MS-0036	SJB/Owen & White	\$19,000,000	11/7/2008	12/17/2010	11/1/2012
11	PS 58A Overflow Pump Station	Capacity	09-PS-UF-0001	GEC	\$11,100,000	1/5/2009	12/17/2010	10/22/2012
12	Central Consolidation FM (2,3,5,7,10)	Capacity	09-FM-MS-0033	Shread-Kuyrkendall & Associates, Inc.	\$7,400,000	11/7/2008	12/17/2010	10/14/2012
13	Perkins/Old Perkins Area - Booster PS514 Improvements	Capacity	09-PS-MS-0034	GEC	\$9,800,000	4/24/2009	12/17/2010	4/16/2012
14	Central Pump Station - PS 42	Capacity	09-PS-UF-0003	MWH	\$6,900,000	10/21/2008	1/14/2011	11/15/2012
15	Zachary Area Transmission Network Improvements - PH2	Capacity	10-FM-IF-0003	SJB/Owen & White	\$11,800,000	3/24/2008	1/14/2011	5/22/2013
16	SWWTP Wet Weather Improvements - PH2	WWTP	08-TP-BD-0055	MWH	\$40,000,000	10/1/2008	1/14/2011	6/23/2014
17	Bluebonnet Blvd - Jefferson Hwy - PH2	Rehab	10-AR-UF-0042	CSRS, Inc.	included in phase1	3/23/2010	1/14/2011	5/24/2012
18	Central Consolidated Pump Stations (2,3,4,5,6,7,10 and 91)	Capacity	09-PS-MS-0035	Burk Kleinpeter / JJG	\$17,100,000	11/7/2008	1/19/2011	11/20/2012
19	Bluebonnet Blvd - Jefferson Hwy - PH1	Rehab	10-AR-MS-0043	CSRS, Inc.	\$14,000,000	2/8/2010	1/21/2011	5/25/2012
20	Nicholson Dr - Highland Rd - Perkins Rd	Capacity	09-GS-MS-0047	Buchart - Horn	\$9,200,000	6/29/2009	2/25/2011	7/25/2013
21	Staring Lane FM (PH3 - Perkins to PS58)	Capacity	06-WC-CP-0036	Monroe & Corie	\$10,000,000	4/30/2009	3/11/2011	4/12/2013
22	Bayou Duplantier Area Sewer Upgrades	Capacity	09-GS-MS-0042	Neel-Schaffer	\$4,400,000	8/31/2009	3/18/2011	7/25/2013
23	Hooper Storage	WWTP	09-PS-UF-0007	TRC Engineers	\$19,700,000	1/19/2009	3/25/2011	11/15/2012
24	Multiple PS - Nicholson Dr - Brightside Dr	Capacity	09-PS-MS-0048	Arcadis U.S., Inc.	\$5,900,000	9/14/2009	3/25/2011	8/21/2013
25	Government St - S. Acadian Thruway	Capacity	09-GS-MS-0043	GSA Consulting Engineers, Inc.	\$4,300,000	8/28/2009	4/15/2011	6/10/2013
26	Plank Road - Kleinpeter Road	Capacity	09-GS-UF-0028	Forte & Tablada	\$7,000,000	3/23/2009	4/29/2011	6/19/2013
27	Multiple PS - Jefferson Highway - Park Forest Drive	Capacity	09-PS-MS-0046	CSRS, Inc.	\$2,500,000	6/8/2009	6/24/2011	9/25/2012
28	O'Neal Lane Pipeline Projects	Capacity	10-FM-MS-0008	URS Corp.	\$19,900,000	9/29/2009	9/8/2011	12/18/2013
29	Airline Highway Pipeline Projects	Capacity	10-GS-MS-0007	ABMB Eng.	\$28,800,000	1/30/2009	9/23/2011	12/6/2013
30	Multiple PS - Highland Rd - Kenilworth Parkway	Capacity	10-PS-MS-0009	AECOM	\$9,200,000	2/8/2010	11/18/2011	7/14/2014
31	Hooper Road Pump Station	Capacity	10-PS-MS-0048	Stanley	\$11,800,000	5/3/2010	3/16/2012	7/21/2014
32	O'Neal Lane Pump Stations - A	Capacity	10-PS-MS-0050	MWH	\$12,810,000	5/25/2010	3/19/2012	7/25/2014
33	O'Neal Lane Pump Stations - B	Capacity	10-PS-MS-0051	URS Corp.	\$9,800,000	5/25/2010	3/19/2012	7/25/2014
34	Lovett Road - Greenwell Springs	Capacity	10-FM-MS-0049	SJB/Owen & White	\$15,400,000	5/3/2010	4/13/2012	4/10/2014
					\$481,328,720			

UNDER DESIGN



Photo taken by Connie Sexton



## *Recently Advertised*

### **Foster Drive – Government Street Phase B.**

Advertised September 21, 2010. This project involves rehabilitating the existing gravity lines using cured-in-place lining of approximately 77,000 linear feet of 8- to 12-inch diameter pipe and 1,700 linear feet of 15- to 18-inch pipe. The bid opening will be held on October 19, 2010.

### **Kenilworth Blvd – Boone Drive.**

Advertised for construction bid on October 8, 2010. This projects involves rehabilitating the existing gravity sewer lines by open excavation and cured-in-place lining, manhole repair and replacement of approximately 12,000 linear feet of 8- to 12-inch linear feet diameter pipe using open cut repairs and 60,000 linear feet of 8- to 15-inch diameter using cured-in-place techniques. The bid opening will be held on November 9, 2010.

## *Upcoming Projects to be Advertised for Construction*

The following projects are expected to advertise for construction in October 2010:

- Brookstown Road - Evangeline Street (Phase 1) Rehabilitation Project
- Zachary Area Transmission Network Improvements - Phase 3 (964 to Red Mud Lakes) Capacity Project
- Choctaw Storage and Pump Station Facility
- Group Project 1A (Veterans Parkway Gravity Mains) Capacity Project
- Highland Road - Burbank Drive Capacity Project
- Brookstown Road - Evangeline Street (Phase 2) Rehabilitation Project
- Nicholson-Highland-Perkins (Phase A)

See [www.brprojects.com](http://www.brprojects.com) for additional information on these projects.

## BATON ROUGE SSO PROGRAM PROGRESS REPORT

SEPTEMBER 2010

BATON ROUGE SSO  
Program

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