

# BATON ROUGE SSO PROGRAM PROGRESS REPORT

OCTOBER 2009



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

*Prepared by*  
**CH2MHILL**  
*In association with*  
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# PROGRAM MANAGEMENT

The Baton Rouge Sanitary Sewer Overflow (SSO) Program enters the fourth quarter of 2009 with design engineering, bidding services, and construction projects progressing throughout the Parish. At the end of October 2009, one project is complete and 49 projects are either in design or construction.

Quantity	Status	Construction Value
1	Project Completed (actual construction cost)	\$324,024
14	Projects Under Construction (value based on construction bids)	\$95,404,032
2	Projects Advertised for Construction (value based on PDP construction estimates)	\$11,356,120
33	Projects Under Design (value based on PDP construction estimates)	\$582,418,720
<b>50</b>		<b>\$689,502,896</b>

All projects are scheduled to be completed on time and within budget.

## Maximizing Use of Local and Regional Consultants

The SSO Program is committed to maximizing the use of as many local firms and resources as possible during the duration of the Program. The goal of the City of Baton Rouge/East Baton Rouge Parish (C-P) and the SSO Program is to provide the overall best value in terms of cost, schedule, opportunity, and local involvement in the contracting community.

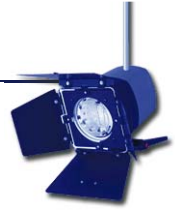
Currently, there are nine prime construction contractors and 28 prime engineering design consultants contracted to work on SSO Program projects.

The C-P encourages and supports the use of certified Disadvantaged Business Enterprises (DBE) as prime and subcontractors on the SSO Program. To this end, the Program has successfully contracted with four DBE design firms and six DBE construction contractors and suppliers. The C-P's goal is to continually involve the local and regional DBE community and strive to implement the innovative approaches these firms bring to the SSO Program.

To learn more about the Louisiana Unified Certification Program (LA UCP) for DBE, please visit the website:

<http://www8.dotd.louisiana.gov/ucp/>

# IN THE SPOTLIGHT



## Comite Drive – Foster Road (Phase II)

On October 29, 2009, Mayor-President Melvin L. “Kip” Holden hosted a Groundbreaking Ceremony of the Comite Drive – Foster Road Phase II project. Under close coordination, this SSO Program project will be constructed simultaneously with the Green Light Plan/roadwork project, which will help to alleviate construction inconveniences to the area residents.

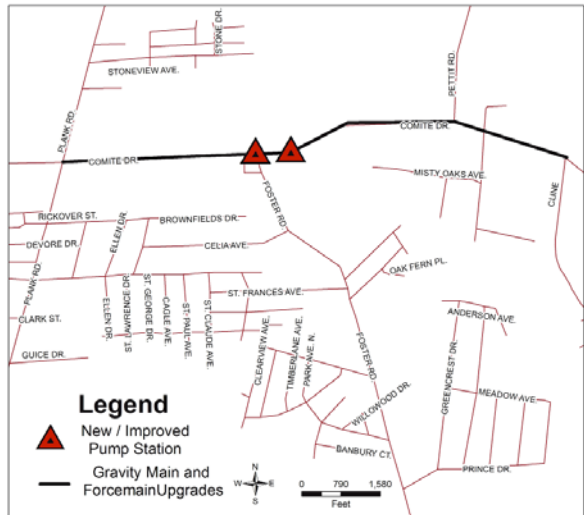
The project consists of the following infrastructure improvements.

### STREET

- Two-lane roadway with continuous center turn from Plank Road to Comite River
- Widened six-foot shoulder that can be used for bicycles
- A proposed 125-foot bridge crossing White Bayou will allow access for pedestrians and bicycles

### SEWER

- Nearly three miles of gravity sewer main
- 300 linear feet of forcemain
- One new pump station at the corner of Comite Drive and Foster Road
- One new pump station at the corner East of White Bayou along Comite Drive



Once complete, the sewer upgrades will provide for area residents to connect to the public system, thereby eliminating the need for the individual septic systems, and allow for future growth.



Construction is estimated to start in November 2009, and will become the 14<sup>th</sup> sewer project to start construction under the SSO Program.

For more information about the Green Light Plan and associated transportation projects in the C-P, please visit: [www.brgov.com/greenlight](http://www.brgov.com/greenlight)

# SCHEDULE

#	Project Name	Project Type	DPW Project #	Design Consultant	Construction Contractor	Status	Construction Bid Amount	Project Start	Advertise for Construction Bids	Project End
1	RMAP1 - Kleinpeter Area Upgrades	RMAP1	03-RMP-S14	Monroe & Corie	Allen & LeBlanc	Closed	\$324,024	2/1/2008	7/14/2008	5/8/2009
2	Jefferson Highway-Hoo Shoo Too	Rehab	07-AR-US-0049	DPW	Allen & LeBlanc	Near Completion	\$2,239,396	5/16/2007	6/27/2008	11/21/2009
3	Gurney Road - Joor Road	Capacity	07-PS-BD-0017	Neel-Schaffer	Grady Crawford	Near Completion	\$1,396,347	1/18/2008	8/29/2008	10/16/2009
4	Staring Lane Ext (Ph1: Burbank to Highland)	Capacity	06-WC-CP-0036	Monroe & Corie	James Construction	Construction	\$4,615,500	1/11/2008	9/19/2008	8/24/2010
5	RMAP1 - PS136 Area Upgrades	RMAP1	99-RMP-S16	Sigma Consulting	Nottingham Construction	Construction	\$8,811,368	2/1/2008	10/24/2008	5/11/2010
6	RMAP1 - Industriplex Area Upgrades	RMAP1	99-RMP-S08	Forte & Tablada	BRH Garver	Construction	\$9,382,914	3/10/2008	10/31/2008	1/29/2010
7	Gardere Lane - Burbank Road	Rehab	08-AR-UF-0003	CSRS, Inc.	Allen & LeBlanc	Construction	\$5,957,955	5/16/2007	11/14/2008	5/26/2010
8	Immediate Action Projects Combined	Treatment / Facilities	08-TP-BD-0031	CDM / MWH / URS Corp.	Brasfield & Gorrie	Construction	\$25,632,000	11/6/2006	12/12/2008	9/2/2010
9	Foster Road - Hooper Road	Capacity	07-FM-BD-0046	PEC	Hemphill Construction	Construction	\$8,761,675	2/14/2008	1/9/2009	4/28/2010
10	Comite Drive - Foster Road (Ph1)	Capacity	07-PS-BD-0019	Monroe & Corie	Hemphill Construction	Construction	\$1,921,037	3/3/2008	1/16/2009	1/27/2010
11	Sullivan Rd / Lovett Rd / Wax Rd	Capacity	07-PS-BD-0018	Hartman Engineering	Don M. Barron Contractor	Construction	\$2,158,346	1/17/2008	1/16/2009	2/25/2010
12	Staring Lane - Boone Drive	Rehab	08-AR-UF-0004	CSRS, Inc.	Grady Crawford	Construction	\$5,426,575	11/27/2007	1/23/2009	5/10/2010
13	Oak Villa Blvd - Choctaw Street	Rehab	08-AR-UF-0005	CSRS, Inc.	Grady Crawford	Construction	\$8,997,369	4/14/2008	5/15/2009	7/7/2011
14	Comite Drive - Foster Road (Ph2)	Capacity	02-CS-HC-0001	Monroe & Corie	JB James Construction	Construction	\$895,957	6/23/2008	6/26/2009	6/22/2010
15	Scotland Avenue - Progress Road	Rehab	09-AR-BD-0011	CSRS, Inc.	Magnolia Construction	Construction	\$9,207,594	9/9/2008	10/20/2009	11/25/2010
16	NWWTP Odor Control	Treatment / Facilities	07-WT-TP-0030	Env. Eng Svcs	TBA	Advertised	TBA	6/29/2007	10/30/2009	7/15/2010
17	Elm Grove Garden- Harding Blvd	Rehab	09-AR-BD-0012	CSRS, Inc.	TBA	Advertised	TBA	10/1/2008	10/30/2009	1/27/2011
18	South Capacity Group Project 2	Capacity	08-PS-IF-0046	ABMB Eng.	TBA	Design	TBA	3/10/2008	1/8/2010	8/14/2012
19	Sharp Road - Florida Blvd	Rehab	09-AR-BD-0013	CSRS, Inc.	TBA	Design	TBA	1/15/2009	2/11/2010	6/1/2011
20	South Boulevard - St. Joseph Street	Capacity	08-GS-ST-0018	Evans-Graves	TBA	Design	TBA	3/27/2008	1/29/2010	11/1/2011
21	25th Street - North Acadian Thruway	Capacity	09-GS-UF-0008	Hartman Engineering	TBA	Design	TBA	2/2/2009	1/29/2010	10/27/2011
22	Highland Road - Buchanan Street	Capacity	08-GS-ST-0021	Burk-Kleinpeter/ Justice & Huang (a JV)	TBA	Design	TBA	3/13/2008	2/5/2010	3/18/2011
23	Kenilworth Drive - Boone Drive	Rehab	09-AR-BD-0014	CSRS, Inc.	TBA	Design	TBA	3/26/2009	2/23/2010	5/6/2011
24	Downtown Area - PS15,19, 60, 59	Capacity	08-PS-ST-0056 & 57	Shaw Environmental & Infrastructure, Inc.	TBA	Design	TBA	3/24/2008	3/1/2010	7/10/2011
25	Capitol Lake - Gayosa Drive	Capacity	07-PS-BD-0048	Shread-Kuyrkendall & Associates, Inc.	TBA	Design	TBA	1/14/2008	3/1/2011	9/1/2011
26	Staring Ln-PS58 Improvements (Ph2: Highland-Perkins)	Capacity	TBA	Monroe & Corie	TBA	Design	TBA	4/8/2008	3/11/2011	6/1/2012
27	Citiplace/Essen Lane Area - PS119	Capacity	08-FM-UF-0024	GSA Consulting Engineers, Inc.	TBA	Design	TBA	2/25/2008	2/5/2010	6/1/2011
28	Foster Drive - Government Street	Rehab	TBA	CSRS, Inc.	TBA	Design	TBA	5/25/2009	3/22/2010	7/29/2011
29	SWWTP Wet Weather Improve (Ph1)	Treatment / Facilities	08-TP-BD-0033	CDM	TBA	Design	TBA	6/23/2008	4/1/2010	9/28/2012
30	Brookstown Road - Evangeline Street (Ph1)	Rehab	TBA	CSRS, Inc.	TBA	Design	TBA	7/10/2009	5/10/2010	9/17/2012
31	Highland Road - Burbank Drive	Capacity	08-FM-ST-0023	GOTECH, Inc.	TBA	Design	TBA	3/31/2008	5/14/2010	7/13/2012
32	Central Pump Station - PS 42	Capacity	09-PS-UF-0003	MWH	TBA	Design	TBA	10/21/2008	5/21/2010	10/19/2012
33	Hooper Storage	Treatment / Facilities	09-PS-UF-0007	TRC Engineers	TBA	Design	TBA	1/19/2009	5/21/2010	12/8/2011
34	Zachary Area Transmission Network	Capacity	06-WC-IF-0014	SJB/Owen & White	TBA	Design	TBA	3/24/2008	5/28/2010	5/16/2013
35	North Capacity Group Project 1A	Capacity	08-GS-UF-0053	URS Corporation	TBA	Design	TBA	3/10/2008	6/18/2010	9/27/2013
36	Pump Station 58A Overflow	Capacity	09-PS-UF-0001	GEC	TBA	Design	TBA	1/5/2009	8/31/2010	6/20/2013
37	North Capacity Group Project 1B	Capacity	08-PS-UF-0054	Evans-Graves / Burk Kleinpeter	TBA	Design	TBA	3/10/2008	7/30/2010	10/12/2011
38	Staring Ln-PS58 Improvements (Ph3: Perkins-PS58)	Capacity	TBA	Monroe & Corie	TBA	Design	TBA	4/30/2009	9/10/2010	1/15/2013
39	Choctaw Storage and PS Facility	Treatment / Facilities	09-PS-UF-0009	CDM	TBA	Design	TBA	4/14/2008	9/17/2010	7/27/2012
40	Consolidated FM (2,3,5,7,10)	Capacity	09-FM-MS-0033	Shread-Kuyrkendall & Associates, Inc.	TBA	Design	TBA	11/7/2008	10/22/2010	10/21/2012
41	Perkins/Old Perkins Area - Booster PS514 Improve.	Capacity	09-PS-MS-0034	GEC	TBA	Design	TBA	4/24/2009	10/22/2010	2/25/2013
42	Consolidated Pump Stations (2,3,4,5,6,7,10 and 91)	Capacity	09-PS-MS-0035	Burk Kleinpeter / J/G	TBA	Design	TBA	11/7/2008	10/29/2010	10/12/2012
43	Plank Road - Kleinpeter Road	Capacity	09-GS-UF-0028	Forte & Tablada	TBA	Design	TBA	3/23/2009	12/31/2010	3/13/2013
44	SWWTP Wet Weather Improve (Ph2)	Treatment / Facilities	08-TP-BD-0055	MWH	TBA	Design	TBA	10/14/2008	12/1/2010	1/22/2014
45	Central Consolidation- PS42 FM	Capacity	09-FM-MS-0036	SJB/Owen & White	TBA	Design	TBA	11/7/2008	1/28/2011	11/28/2012
46	Multiple PS - Jefferson Highway - Park Forest Drive	Capacity	09-PS-MS-0046	CSRS, Inc.	TBA	Design	TBA	6/8/2009	4/15/2011	3/31/2014
47	Multiple PS - Nicholson Dr - Brightside Dr	Capacity	09-PS-MS-0048	Arcadis	TBA	Design	TBA	9/14/2009	4/15/2011	9/30/2013
48	Bayou Duplantier Area Sewer Upgrades	Capacity	09-GS-MS-0042	Neel-Schaffer	TBA	Design	TBA	8/31/2009	8/1/2011	1/15/2014
49	Nicholson Dr - Highland Rd - Perkins Rd	Capacity	09-GS-MS-0047	Buchart - Horn	TBA	Design	TBA	6/29/2009	8/1/2011	1/15/2014
50	Government St - S. Acadian Thruway	Capacity	09-GS-MS-0043	GSA Consulting Engineers, Inc.	TBA	Design	TBA	8/28/2009	8/1/2011	1/15/2014



PUBLIC WORKS





## ADVERTISED FOR CONSTRUCTION



As shown on the schedule (page 4-5), the SSO Program has successfully completed one project and 16 projects are under or near construction.

### Completed Construction

**RMAP1-Kleinpeter Area Upgrades:** Capacity upgrades were completed on two pump stations, including 2,000 linear feet of new 4-inch forcemain. By increasing the forcemain size from 4 to 6 inches, this pump station has approximately 40% increase in pumping capacity.

### Advertised for Construction

A summary of the two projects that advertised for construction follows:

**North WWTP Odor Control:** The project includes a new biotower, blowers, ductwork, and liquid phase chemicals. This system will address odor problems in the collection system and will result in a reduction in odor at the receiving treatment plant. The project was re-advertised for construction bids on October 30, 2009. Bids will be opened December 1, 2009.

**Elm Grove Garden – Harding Boulevard:** This rehabilitation project includes approximately 199,500 linear feet of sewer pipe, 3,216 laterals, and 839 to be inspected by closed-circuit television (CCTV) and smoke testing. The project advertised for construction bid on October 30, 2009. Bids will be opened on December 1, 2009.

### Construction

Fourteen projects are under construction and are described as follows:

**Comite Drive – Foster Road (Phase II):** This portion of the project (Phase II) will be constructed with the Green Light Plan. Mayor-President Kip Holden hosted the groundbreaking ceremony for Phase II on October 29, 2009. Construction Notice to Proceed is expected on November 16, 2009. For more information about the groundbreaking ceremony, see "In the Spotlight" on page 2 of this report.

**Scotland Avenue – Progress Road:** The project involves the cleaning, inspection, and rehabilitation of the collection system. The project area consists of approximately 28,000 linear feet of pipe and 793 manholes. Construction Notice to Proceed is expected on November 30, 2009.

**Jefferson Highway-Hoo Shoo Too Road:** Rehabilitation of the gravity collection system, including approximately 117,110 linear feet of pipe and 553 manholes. Additional CCTV video was reviewed to identify any remaining areas still needing rehabilitation. As of October 2009, Construction Contractor is finishing the last of the punch list items. Project is 95% complete and expected to finish in November 2009.

**Gurney Road – Joor Road:** One new pump station as well as 14,500 linear feet of forcemain will be constructed in the project area. As of October

2009, the final punch list items are being completed by the Construction Contractor. The project is 95% complete and expected to finish in November 2009.

**Gardere Lane – Burbank Road:** Approximately 168,300 linear feet of pipe and 787 manholes will be cleaned, inspected, and rehabilitated. As of October 2009, manhole rehabilitation and cured-in-place (CIPP) work is underway. The project is approximately 35% complete.

**RMAP1 – PS136:** Four existing pump stations will be demolished and replaced with a new pump station, 27,000 linear feet of associated 4- to 24-inch forcemains. A new gravity system will be constructed routing sewer flow from the four demolished pump stations to one new centralized 4.5 million gallon per day pump station (PS136). The new gravity system includes the construction of approximately 10,300 linear feet of 10- to 12-inch gravity sewer, approximately 6,000 linear feet of 15- to 18-inch gravity sewer. As of October 2009, land acquisition efforts are being worked in the Wiener Creek area. The project is approximately 35% complete.

**Staring Lane Extension (Phase I) Burbank to Highland:** Approximately 2,960 linear feet of new forcemain and a new overflow pump station will be installed. The SSO Program and the Green Light Plan are working close together to combine construction efforts to minimize public inconveniences. As of October 2009, the project is 30% complete.

**RMAP1 – Industriplex:** Six pump stations will be demolished and replaced with a new pump station and a 16-inch forcemain. This project will reduce pump station operation and maintenance costs and reduce any possible odor issues associated with the existing pump stations. As of October 2009, crews are working in the Honore area. The project is 30% complete.

**Comite Drive – Foster Road (Phase I):** The Comite Drive – Foster Road project involves replacing three pump station and upsizing 19,000 linear feet of forcemain to alleviate SSOs at and near the pump stations. In addition, the new pump stations will meet future peak wet weather flow, avoiding exceedances predicted on recent models. As of October 2009, the project is 25% complete.

**Staring Lane – Boone Drive:** Approximately 148,000 linear feet of gravity pipe and 657 manholes will be inspected by CCTV and rehabilitated to repair or replace components of the existing sewer system that are defective, thereby significantly reducing the excessive infiltration and inflow that contribute to sanitary sewer overflows. Construction crews are currently working the Boone Drive area. As of October 2009, the project is 25% complete.

**Immediate Action Projects (combined):** The project includes a number of improvements including: primary clarifier mechanical replacement, trickling filter pump station and piping/pumping modifications to the digester complex (will be implemented to assist the plant in complying with its effluent permit limits). These improvements will be implemented early in the program to bring the plant into compliance as soon as possible. As of October 2009, the project is 10% complete.

**Foster Road – Hooper Road:** Pipe capacity will be increased and includes approximately 32,000 feet of pipe. Three construction crews are completing horizontal directional drilling in the area. As of October 2009, the project is 10% complete.

**Sullivan Road/Lovett Road/Wax Road:** Three pump stations will be replaced as well as upsizing approximately 6,300 linear feet of forcemain pipe. Crews are currently working in the Beaver Creek Crossing area. As of October 2009, the project is 10% complete.

**Oak Villa Blvd – Choctaw Street:** Approximately 245,000 linear feet of sewer pipe and 982 manholes will be cleaned and inspected by CCTV; and rehabilitated as necessary. Four construction crews are working in the project area. As of October 2009, the project is 5% complete.

# Looking Ahead...

## Construction Bids Due

- Annual Parishwide Homeowner's Sewage Pump System Installation and Maintenance Project: November 24, 2009
- Bywater Faircrest and Contour Aerial Crossing: December 1, 2009
- NWWTP Odor Equipment Installation: December 1, 2009
- Annual Parishwide Wastewater Collection System Emergency Repairs: December 1, 2009
- Elm Grove Garden – Harding Boulevard Rehabilitation Project: December 1, 2009

For detailed information on these projects, please visit the web-site at

[http://www.brprojects.com/sewer/pages/contractor\\_calendar.htm](http://www.brprojects.com/sewer/pages/contractor_calendar.htm)



## BATON ROUGE SSO PROGRAM PROCESS REPORT

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BATON ROUGE   
Program

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