

Baton Rouge SSO Program

Progress Report



November 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

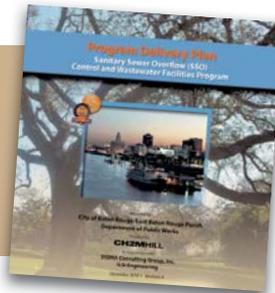


Program Management



As we reflect on the good things in our lives, CH2M HILL, Sigma Consulting Group, and ILSI Engineering—the SSO Program Management Team—would like to thank our partners who diligently work to deliver the SSO Program. We are grateful to the Mayor-President’s office and the Metro Council members who continue to support the program’s important infrastructure improvements and to the Department of Public Works staff who work daily alongside SSO Program staff and provide expertise in the design and construction of 85 projects. We also appreciate the engineering, construction, communication, and land acquisition expertise of the more than 170 firms that are participating and helping to deliver this program.

The annual update to the Program Delivery Plan was completed in November 2010. This plan describes the scope and schedule of projects and serves as the primary guiding document.



SSO Program Overview

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

November 2010 Status

- 71 active projects
 - » 10 projects completed
 - » 31 projects in construction
 - » 30 projects under design

Program Highlights

- More than 170 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 emergency generators at all pump stations



In the Spotlight...

Effective coordination is the cornerstone of successful project management

As one component of the City-Parish’s infrastructure improvements efforts, the SSO Program coordinates with the Department of Public Works (DPW) improvement projects, including the Green Light Plan and DPW road overlay and sidewalk projects, to reduce cost where possible and minimize construction related disruptions to residents.

To coordinate construction, SSO Program staff compared Green Light Plan project boundaries to sewer projects to identify projects that overlap and then compare construction schedules. If a Green Light Plan project is scheduled for construction before a co-located sewer project, SSO Program staff work with Green Light Plan staff to include sewer work as part of or before the road project.



SSO Program and Green Light Plan staff coordinate sewer pipeline and road rehabilitation projects.

For portions of a sewer pipeline that are scheduled to be repaired at the same site as a road project is to occur, there is coordination so that the sewer project is completed prior to the road work. On the Elm Grove Garden Road to Harding Boulevard project, SSO Project staff successfully coordinated with Green Light Plan staff so that removal and replacement of a sewer pipeline was completed before road rehabilitation.



The Elm Grove Garden Road to Harding Boulevard rehabilitation project involved the removal and replacement of sewer pipeline and manholes.

Elm Grove Garden Road to Harding Boulevard Sewer Rehabilitation Project Facts

- More than 800 manholes repaired or replaced
- Nearly 200,000 linear feet of gravity main improvements

PROJECTS COMPLETED AND UNDER CONSTRUCTION

Project Information

Project Components

Consultant/Contractor Information

Cost

Schedule

#	Project Name		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-514	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-516	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	25 th 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
				14	1,218	58,515	159,750			\$24,841,085			
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1	RMAP1 - Industripex Area Upgrades	RMAP1	99-RMP-508	6	-	4,000	-	Forte & Tablada	BRH Garver	\$9,674,634	3/10/2008	10/31/2008	11/30/2010
2	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	11/20/2010
3	SWWTP IAPs Combined	WWTP	08-TP-BD-0031	-	-	-	-	CDM, MWH, URS Corp.	Brasfield & Gorrie	\$27,159,964	11/6/2006	12/12/2008	3/2/2011
4	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	2/1/2011
5	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
6	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
7	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
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	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
10	SWWTP Wet Weather Improve (PH1)	WWTP	08-TP-BD-0033	-	-	-	-	CDM	Brasfield & Gorrie	\$113,227,000	6/23/2008	3/26/2010	4/18/2013
11	South Blvd-St. Joseph St / 25 th 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	1/12/2012
12	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	4/23/2012
13	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
14	Capitol Lake Dr - Gayosa St / 25 th 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	3/19/2012
15	Emergency Generators Purchasing	Other	09-PS-BD-0037	-	-	-	-	N/A	ARCCO	\$19,100,000	2009	6/18/2010	2010
16	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	2/17/2012
17	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	1/30/2013
18	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	6/27/2012
19	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	4/12/2013
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	1/14/2013
21	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
22	Foster Drive - Government Street (PHB)	Rehab	09-AR-BD-0015	-	-	-	78,700	CSRS, Inc.	Instuform Technologies	\$2,863,100	5/25/2009	9/17/2010	2/17/2012
23	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
24	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	5/9/2013
25	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
26	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
27	Highland Road - Burbank Drive	Capacity	08-FM-ST-0023	-	-	39,400	-	GOTECH, Inc.	Racon, Inc.	\$20,591,067	3/31/2008	10/29/2010	12/31/2012
28	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	1/4/2013
29	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	12/9/2013
30	Emergency Generators Installation	Other	09-PS-BD-0037	-	-	-	-	N/A	TBA**	\$11,000,000	2010	-	2013
31	Brookstown Road - Evangeline Street (PH2)	Rehab	10-AR-BD-0040	-	1,075	-	84,000	CSRS, Inc.		\$-	10/8/2009	11/12/2010	9/26/2012
				27	8,554	213,108	1,629,651			\$448,251,912			

* 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.

UNDER DESIGN

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	12/10/2010	10/17/2012
2	Silverleaf Road - Ford Street	Rehab	10-AR-BD-0041	CSRS, Inc.	10,505,000	10/26/2009	1/7/2011	5/25/2012
3	Zachary Area Transmission Network Improvements - PH2	Capacity	10-FM-IF-0003	SJB/Owen & White	14,583,700	3/24/2008	1/14/2011	4/12/2013
4	Perkins/Old Perkins Area - Booster PS514 Improvements	Capacity	09-PS-MS-0034	GEC	10,397,000	4/24/2009	1/28/2011	2/23/2013
5	PS 58 Overflow Pump Station	Capacity	09-PS-UF-0001	GEC	15,750,000	1/5/2009	1/28/2011	4/24/2013
6	Central Consolidation FM (2,3,5,7,10)	Capacity	09-FM-MS-0033	Shread-Kuykendall & Associates, Inc.	10,601,000	11/7/2008	2/11/2011	12/18/2012
7	Central Consolidation- PS42 FM	Capacity	09-FM-MS-0036	SJB/Owen & White	25,021,000	11/7/2008	2/18/2011	1/30/2013
8	Nicholson Dr - Highland Rd - Perkins Rd - PHB	Capacity	09-FM-MS-0047	Buchart - Horn	11,365,000	6/29/2009	2/25/2011	12/9/2013
9	Bluebonnet Blvd - Jefferson Hwy Ph 1	Rehab	10-AR-MS-0043	CSRS, Inc.	6,685,000	2/8/2010	3/4/2011	6/25/2012
10	Bayou Duplantier Area Sewer Upgrades	Capacity	09-GS-MS-0042	Neel-Schaffer	4,374,000	8/31/2009	3/11/2011	7/18/2013
11	Bluebonnet Blvd - Jefferson Hwy Ph 2	Rehab	10-AR-UF-0042	CSRS, Inc.	6,685,000	3/23/2010	3/11/2011	7/9/2012
12	Central Consolidated Pump Stations (2,3,4,5,6,7,10 and 91)	Capacity	09-PS-MS-0035	Burk Kleinpeter / JJG	16,592,000	11/7/2008	3/11/2011	11/26/2012
13	Group Project 1B (Veterans Parkway - PS and FM)	Capacity	08-PS-UF-0054	Evans-Graves / Burk Kleinpeter	19,309,000	3/10/2008	3/11/2011	5/6/2013
14	Central Pump Station - PS 42	Capacity	09-PS-UF-0003	MWH	6,695,070	10/21/2008	3/18/2011	3/22/2013
15	Staring Lane FM (PH3 - Perkins to PS58)	Capacity	06-WC-CP-0036	Monroe & Corie	9,550,000	4/30/2009	3/18/2011	6/27/2013
16	Multiple PS - Nicholson Dr - Brightside Dr	Capacity	09-PS-MS-0048	Arcadis U.S., Inc.	6,113,000	9/14/2009	3/25/2011	9/16/2013
17	Hooper Storage	WWTP	09-PS-UF-0007	TRC Engineers	19,115,000	1/19/2009	4/1/2011	11/27/2012
18	Government St - S. Acadian Thruway	Capacity	09-GS-MS-0043	GSA Consulting Engineers, Inc.	4,680,000	8/28/2009	4/15/2011	1/15/2014
19	Acadian Thruway - Perkins Road	Rehab	TBA	CSRS, Inc.	3,915,500	8/2/2010	4/29/2011	9/6/2012
20	Plank Road - Kleinpeter Road	Capacity	09-GS-UF-0028	Forte & Tablada	7,583,000	3/23/2009	4/29/2011	1/15/2014
21	Stanford Avenue - Morning Glory Road	Rehab	TBA	CSRS, Inc.	6,876,000	8/2/2010	5/27/2011	10/10/2012
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	9/12/2014
24	O'Neal Lane Pipeline Projects	Capacity	10-FM-MS-0008	URS Corp.	17,286,000	9/29/2009	9/9/2011	1/21/2014
25	Airline Highway Pipeline Projects	Capacity	10-GS-MS-0007	ABMB Eng.	35,240,000	1/30/2009	9/23/2011	12/6/2013
26	Multiple PS - Highland Rd - Kenilworth Parkway	Capacity	10-PS-MS-0009	AECOM	8,926,760	2/8/2010	11/18/2011	7/24/2014
27	Hooper Road Pump Station	Capacity	10-PS-MS-0048	Stanley	11,935,000	5/3/2010	3/16/2012	7/22/2014
28	Lovett Road - Greenwell Springs	Capacity	10-FM-MS-0049	SJB/Owen & White	18,145,000	5/3/2010	5/18/2012	12/30/2014
29	O'Neal Lane Pump Stations A	Capacity	10-PS-MS-0050	MWH	12,226,000	5/25/2010	6/21/2012	10/30/2014
30	O'Neal Lane Pump Stations B	Capacity	10-PS-MS-0051	URS Corp.	9,800,000	5/25/2010	6/21/2012	10/30/2014
					\$447,242,030			

LOOKING AHEAD...

Upcoming Projects to be Advertised for Construction

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

- Multiple Pump Stations - Jefferson Highway - Park Forest Drive Capacity Improvement Project
- Silverleaf Road - Ford Street Rehabilitation Project
- Zachary Area Transmission Network Improvements - Phase 2: Red Mud Lakes FM Capacity Improvement Project
- PS 58 Overflow Pump Station Capacity Improvement Project
- Perkins/Old Perkins Area - Booster PS514 Capacity Improvement 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.

SGU-C-0005 (Oak Villa Boulevard – Monterey Boulevard)

– Anticipated 2Q 2011. Estimated Construction Cost - \$8,200,000. This project consists of upgrading approximately 19,680 lf of gravity sanitary sewer pipeline ranging in diameter from 18 to 42 inches and replacing approximately 950 lf of 8-inch forcemain.

SFL-C-0003 (Multiple PSs – Burbank Drive – Siegen Lane)

– Anticipated 2Q 2011. Estimated Construction Cost - \$4,000,000. This project consists of replacing six PSs that will have future wet weather flows ranging from 160 to 8,900 gpm.

NGS-C-0003 (Plank Road Pump Station Projects)

– Anticipated 2Q 2011. Estimated Construction Cost - \$9,600,000. This project consists of replacing nine PSs that will have future wet weather flows ranging from 270 to 11,200 gpm.

NFW-C-0001 (Joor Road – Greenwell Springs Road)

– Anticipated 2Q 2011. Estimated Construction Cost - \$5,000,000. This project consists of replacing approximately 4,350 lf of gravity sanitary sewer pipeline ranging in diameter from 10 to 21 inches and replacing 29,800 lf of forcemain with diameters ranging from 4 to 24 inches.

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NOVEMBER 2010

BATON ROUGE SSO
Program

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