

BATON ROUGE



Program

Progress Report

2nd Quarter 2013



PUBLIC WORKS

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



Program Management

A Comprehensive Generator Program Helps Prepare the City for Storm Events

June 1 marked the first day of hurricane season, a period that lasts until November 30. Louisiana's low lying land and subtropical climate makes it particularly susceptible to the affects of hurricanes and tropical storms and requires precautionary actions. Baton Rouge has experienced devastating storms in recent history, so what is being done to prepare?



City-Parish Preparation

As power outages are prevalent during storms, the City-Parish (C-P) has put in place a detailed generator emergency response plan that includes coordination with the SSO Program Management team, the maintenance of permanently installed generators, and the deployment of portable generators. Field teams are active throughout the duration of the emergency.

The C-P has also started work on a comprehensive generator installment project that includes the procurement and installation of standby generators at pump stations throughout the parish. The goal of the generators is to provide backup power should loss of power occur during a storm event. Additionally, the C-P is installing a Supervisory Control and Data Acquisition (SCADA) system that remotely controls and monitors the collection system which includes pump stations and treatment plants. The SCADA system will provide greater reliability to the collection system and allows for faster responses to abnormal and emergency conditions within the collection system.

Be Prepared: Plan Ahead

- Develop a family emergency plan identifying different types of emergencies, contacts, escape plans, safe areas in the home, and what to do in case of power outages and personal injuries.
- Create an emergency supply kit containing water, nonperishable food, clothing, blankets, medicines, extra car keys, money, battery powered radio, flashlight, spare batteries, and a list of family physicians.
- Create an emergency car kit to include battery powered flashlight and radio, booster cables, fire extinguished, and water. Check to make sure the car's spare tire is in good condition.
- Download apps related to storm preparedness, tracking, and updates to your phone in case a computer is not accessible.

Additional Information

East Baton Rouge Parish Office of Homeland Security and Emergency Preparedness (<http://brgov.com/dept/oep/> or (225) 389-2100) provides information on how to prepare and react during emergencies.

Red Stick Ready (<http://redstickready.com/>) helps residents "prepare for, respond to and recover from all emergency situations."

Entergy (www.entropy.com) has up to date maps on power outages and storm preparedness tips.

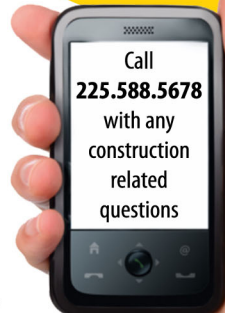
Completed Projects

The projects below are either fully or operationally complete.

1. RMAP1: Kleinpeter Area Upgrades
2. Jefferson Highway - Hoo Shoo Too Road
3. Gurney Road - Joor Road
4. Staring Lane - Boone Drive
5. Comite Drive - Foster Road: Phase I
6. Staring Lane FM: Phase I - Burbank to Highland
7. RMAP1: PS136 Area Upgrades
8. NWWTP Odor Control
9. Foster Road - Hooper Road
10. Burbank Road - Gardere Lane
11. RMAP1: Industriplex Area Upgrades
12. Comite Drive - Foster Road: Phase II
13. Sullivan Road / Lovett Road / Wax Road
14. SWWTP Combined IAPs
15. Scotland Avenue - Progress Road
16. Elm Grove Garden Road - Harding Boulevard
17. Oak Villa Boulevard - Choctaw Street
18. Highland Road - Buchanan Street
19. ZATNIP: Phase IV - Zachary Improvements
20. Zachary Area Transm Ntwk (ZATNIP): General Design
21. Foster Drive - Government Street: Phase A
22. Nicholson Dr - Highland Road - Perkins Road: Phase A
23. Capitol Lake Drive - Gayosa Street / 25th Street - North Acadian Thruwy
24. Group Project 2 - Small Pump Stations
25. Downtown Area Pump Station Improvements
26. Citipace/Essen Area - PS 119 & FM Improvements
27. South Boulevard - St. Joseph Street / 25th Street - North Acadian Thruwy
28. Multiple PS: Jefferson Highway - Park Forest Drive
29. Foster Drive - Government Street: Phase B
30. Sharp Road - Florida Boulevard
31. Kenilworth Boulevard - Boone Drive
32. Brookstown Road - Evangeline Street: Phase II
33. Silverleaf Road - Ford Street
34. Acadian Thruway - Perkins Road
35. Bluebonnet Blvd - Jefferson Highway: Phase I
36. Brookstown Road - Evangeline Street: Phase I
37. ZATNIP: Phase I - 3 PS & Equalization
38. Bluebonnet Boulevard - Jefferson Highway: Phase II
39. Group Project 1A: Veterans Parkway - Gravity Mains
40. 25th Street - North Acadian Thruway
41. SWWTP Wet Weather Improvements: Phase I
42. Acadian Thruway - Claycut Road
43. Perkins/Old Perkins Area - Booster PS 514 Improvements
44. Stanford Avenue -Morning Glory Road

Total Value of Completed Construction: \$399,728,116

Keeping you informed
during construction is
important to us.



Project Information				Consultant/Contractor		Total Construction Contract Amount	Schedule		
#	Project Name	Project Type	DPW Project #	Design Consultant	Construction Contractor		Project Start	Advertise for Bids	Anticipated Functionally Complete
1	Nicholson Dr. -Highland Rd.- Perkins Rd: Phase B	Capacity	09-FM-MS-047B	Buchart-Horn	TBD	\$ 2,591,613	8/2/2010	5/24/2013	11/19/2014
2	Airline Highway - Goodwood Blvd: Phase II	Capacity	11-AR-MS-0028	Rehab Proq. Mgmt Team	TBD	\$ 11,900,000	2/8/2011	6/14/2013	9/15/2014
3	Central Consolidated PS 42 FM: Phase II	Capacity	09-FM-MS-036B	SJB/Owen & White	S.J. Louis Construction	\$ 12,322,052	11/7/2008	12/2/2011	4/1/2014
4	Staring Lane FM - Phase II: Highland to Perkins	Capacity	06-WC-CP-0036	Monroe & Corie	JB James Construction	\$ 26,964,828	4/4/2008	8/6/2010	7/19/2013
5	Central Consolidated FM (2,3,5,7,10): Phase I	Capacity	09-FM-MS-033A	Shread-Kuyrkendall & Associates, Inc.	Wharton-Smith, Inc.	\$ 11,154,538	11/7/2008	9/16/2011	7/22/2013
6	Central Consolidated PS 42 FM: Phase I	Capacity	09-FM-MS-036A	SJB/Owen & White	Reynolds, Inc.	\$ 15,850,451	11/7/2008	4/29/2011	7/22/2013
7	O'Neal Lane Pipeline Improvements: Group A	Capacity	10-FM-MS-008A	URS Corp	TBD	\$ 12,157,000	9/29/2009	6/21/2013	10/17/2014
8	EPA SCADA	SCADA	03-GMP-0001	N/A	Prime Controls, L.P.	\$ 699,685	3/2/2010	5/13/2011	7/24/2013
9	Bayou Duplantier Area Sewer Upgrades	Capacity	09-GS-MS-0042	Neel-Schaffer	S.J. Louis Construction	\$ 4,835,682	8/31/2009	7/1/2011	7/26/2013
10	Highland Road - Burbank Drive	Capacity	08-FM-ST-0023	GOTECH, Inc.	RACON, Inc.	\$ 21,356,957	3/31/2008	10/29/2010	7/26/2013
11	Choctaw Storage and Pump Station Facility	Treatment/ Facilities	09-PS-UF-0009	CDM	Brasfield & Gorrie	\$ 45,200,192	4/14/2008	10/22/2010	8/9/2013
12	ZATNIP: Phase III - 964 to Red Mud Lakes	Capacity	10-FM-IF-0004	SJB/Owen & White	Hemphill Construction	\$ 8,996,920	3/24/2008	10/15/2010	9/20/2013
13	Central Consolidated FM (2,3,5,7,10): Phase II	Capacity	09-FM-MS-033B	Shread-Kuyrkendall & Associates, Inc.	Layne Heavy Civil, Inc. Orleans, IN	\$ 7,585,251	11/7/2008	12/2/2011	10/30/2013
14	Staring Lane FM - Phase III: Perkins to PS58	Capacity	06-WC-CP-0036	Monroe & Corie	Reynolds, Inc.	\$ 8,395,731	4/30/2009	5/27/2011	11/5/2013
15	Central Consolidated Pump Stations (2,3,4,5,6,7,10 and 91)	Capacity	09-PS-MS-0035	Burk Kleinpeter/JJG	Reynolds, Inc.	\$ 20,718,328	11/7/2008	8/12/2011	12/20/2013
16	Annual Parish Wide Physical Inspection Contract	Other	08-PI-UF-0051	CES	CES	\$ -	1/1/2012	12/16/2011	12/30/2013
17	Annual Parish Wide CIPP Contract	Rehab	11-CP-UF-0007	N/A	Boh Brothers	\$ 3,713,268		9/16/2011	12/31/2013
18	Airline Highway - Goodwood Blvd: Phase I	Rehab	11-AR-MS-0027	Rehab Proq. Mgmt Team	Grady Crawford	\$ 8,985,770	2/8/2011	4/13/2012	3/4/2014
19	Central Pump Station - PS 42	Capacity	09-PS-UF-0003	MWH	Reynolds, Inc.	\$ 10,527,000	10/21/2008	10/14/2011	4/22/2014
20	Group Project 1B: Metro Airpopt Area - PS and FM	Capacity	08-PS-UF-0054	Evans-Graves/Burk Kleinpeter	Grady Crawford	\$ 22,815,934	3/10/2008	4/13/2012	5/8/2014
21	Emergency Generators Installation	Other	09-PS-BD-0037	N/A	Grady Crawford	\$ 7,180,546	5/23/2011	3/28/2008	5/21/2014
22	PS 58A Capacity Improvements	Capacity	09-PS-UF-0001	GEC	Cajun Constructors	\$ 13,012,000	1/5/2009	3/9/2012	5/30/2014
23	ZATNIP: Phase II - Red Mud Lakes FM	Capacity	10-FM-IF-0003	SJB/Owen & White	Wharton-Smith, Inc.	\$ 13,308,752	3/24/2008	12/16/2011	6/3/2014
24	Hooper Storage	Treatment/ Facilities	09-PS-UF-0007	TRC Engineers	Cecil Gassiot	\$ 17,427,113	1/19/2009	4/27/2012	6/13/2014
25	Multiple PS: Nicholson Drive - Brightside Drive	Capacity	09-PS-MS-0048	Arcadis U.S., Inc.	Layne Heavy Civil, Inc. Orleans, IN	\$ 11,516,552	9/14/2009	4/27/2012	6/30/2014
26	SWWTP Wet Weather Improvements: Phase II	Treatment/ Facilities	08-TP-BD-0055	MWH	Brasfield & Gorrie	\$ 111,251,000	10/1/2008	8/19/2011	8/7/2014
27	Plank Road - Kleinpeter Road	Capacity	09-GS-UF-0028	Forte & Tablada	JB James Construction	\$ 9,331,606	3/23/2009	10/19/2012	10/31/2014
28	Emergency Generators Purchasing	Other	09-PS-BD-0037	N/A	ARCCO	\$ 7,200,000	10/1/2009	6/15/2009	12/31/2014
29	Master SCADA	SCADA	-	Tesco Controls, Inc.	TBA	\$ -	3/2/2010	6/8/2012	4/25/2018
30	Annual Parish Wide Manhole Rehab Contract	Rehab	11-MH-UF-0006	N/A	Grady Crawford	\$ 1,500,000	-	9/16/2011	-
31	Annual Parish Wide Sewer Repair & Replacement	Rehab	11-PN-UF-0043	N/A	Grady Crawford	\$ 1,500,000	-	9/30/2011	-
32	Highland Road - Washington Street	Rehab	11-AR-MS-0022	Rehab Proq. Mgmt Team	Wharton-Smith, Inc.	\$ 11,502,343	10/13/2010	9/9/2011	-
32	Total Projects Under Construction					\$470,899,499			

Project Information				Consultant/Contractor		Schedule		
#	Project Name	Project Type	DPW Project #	Design Consultant	Total Construction Contract Amount	Project Start	Advertise for Bids	Anticipated Functionally Complete
1	Antioch Road - Chadsford Drive	Rehab	-	Rehab Prog. Mgmt Team	\$ 15,376,000	7/5/2011	7/26/2013	10/15/2014
2	Government Street - South Acadian Thruway	Capacity	09-GS-MS-0043	GSA Consulting Engineers	\$ 5,814,000	8/28/2009	8/2/2013	8/7/2014
3	South Blvd - Saint Joseph: Phase B	Capacity	07-PS-BD-0048A	Hartman Engineering Shread-Kuyrkendall	\$ 3,500,000	2/15/2012	8/2/2013	8/8/2014
4	Plank Road Pump Station Improvements	Capacity	11-PM-MS-0024	Arcadis U.S., Inc.	\$ 9,300,000	4/13/2011	8/5/2013	6/3/2015
5	O'Neal Lane Pump Stations Improvements: Phase B	Capacity	10-PS-MS-0051	URS Corp.	\$ 9,800,000	5/25/2010	8/9/2013	11/5/2015
6	Scenic Highway - Spanish Town Road Area Rehab: Phase 1	Rehab	-	Rehab Prog. Mgmt Team	\$ 8,600,000	2/22/2012	8/16/2013	10/30/2014
7	O'Neal Lane Pump Stations Improvements: Phase A	Capacity	10-PS-MS-0050	MWH	\$ 12,614,000	5/25/2010	8/30/2013	10/20/2015
8	Jones Creek Road - Tiger Bend Road Area Rehab	Rehab	12-AR-MS-0038	Rehab Prog. Mgmt Team	\$ 12,200,000	9/14/2011	8/30/2013	11/13/2014
9	Interstate 110 - Hollywood Street Area Rehab	Rehab	-	Rehab Prog. Mgmt Team	\$ 6,000,000	6/18/2012	9/13/2013	12/19/2014
10	O'Neal Lane Pipeline Improvements: Phase B	Capacity	10-FM-MS-008B	URS Corp.	\$ 6,600,000	9/29/2009	9/30/2013	2/16/2015
11	Airline Highway Pipeline Projects	Capacity	10-GS-MS-0007	ABMB Eng.	\$ 37,700,000	1/30/2009	12/15/2013	3/3/2016
12	Multiple PS: Highland Road - Kenilworth Parkway	Capacity	10-PS-MS-0009	AECOM	\$ 11,000,000	2/8/2010	1/27/2014	3/31/2016
13	East Blvd - Government Street Area Rehab	Rehab	-	Rehab Prog. Mgmt Team	\$ 8,000,000	12/3/2012	2/28/2014	6/10/2015
14	Multiple PS: Burbank Drive - Siegen Lane	Capacity	11-PS-MS-0026	Hartman Engineering	\$ 4,000,000	4/18/2011	4/4/2014	11/17/2015
15	Hooper Road Pump Station Improvements	Capacity	10-PS-MS-0048	Stanley	\$ 11,935,000	5/3/2010	4/11/2014	8/12/2016
16	Scenic Highway - Spanish Town Road Area Rehab: Phase 2	Rehab	-	Rehab Prog. Mgmt Team	\$ 8,600,000	3/5/2013	5/30/2014	3/18/2016
17	Lovett Road - Greenwell Springs: Phase A	Capacity	10-FM-MS-0049A	SJB/Owen & White	\$ 14,229,000	5/3/2010	7/7/2014	11/24/2015
18	Oak Villa Blvd - Monterey Blvd	Capacity	11-FM-MS-0025	Professional Engineering Consultants	\$ 7,500,000	4/18/2011	7/11/2014	12/3/2015
19	Siegen Lane - Interstate 10 Area Rehab Project	Rehab	-	Rehab Prog. Mgmt Team	\$ 6,100,000	6/10/2013	9/5/2014	2/23/2016
20	Lovett Road - Greenwell Springs: Group B	Capacity	10-FM-MS-0049B	SJB/Owen & White	\$ 8,117,000	5/3/2010	10/3/2014	2/26/2016
21	Florida Blvd Pump Station Improvements	Capacity	11-PS-MS-0003	Brown & Caldwell	\$ 15,482,000	1/28/2011	12/5/2014	12/30/2016
22	Ardenwood Drive - Winbourne Avenue Area Rehab	Rehab	-	CSRS, Inc.	\$ 4,700,000	10/11/2013	1/9/2015	4/27/2016
23	Sherwood Forest - Goodwood Blvd Pipeline Improvements	Capacity	11-FM-MS-0005	Forte & Tablada	\$ 12,000,000	1/3/2011	4/27/2015	9/16/2016
24	Flannery Road - Florida Blvd Area Rehab: Phase 1	Rehab	-	Rehab Prog. Mgmt Team	\$ 7,900,000	2/20/2014	5/15/2015	9/2/2016
25	Joor Road - Greenwell Springs Road	Capacity	11-FM-MS-0023	TRC Engineers/Digital Engineering & Imaging	\$ 6,900,000	4/18/2011	6/19/2015	2/17/2017
26	Highland Road Pipeline Improvements: Group A	Capacity	11-FM-MS-0004	Evans Graves	\$ 7,761,000	1/5/2011	6/22/2015	11/16/2016
27	Plank Road - Port Hudson Pride Road	Capacity	11-FM-MS-0036	Buchart - Horn	\$ 4,000,000	8/5/2011	7/17/2015	2/15/2017
28	Flannery Road - Florida Blvd Area Rehab: Phase 2	Rehab	-	Rehab Prog. Mgmt Team	\$ 7,900,000	7/7/2014	9/25/2015	1/17/2017
29	Highland Road Pipeline Improvements: Group B	Capacity	11-FM-MS-0004	Evans Graves	\$ 8,737,000	1/5/2011	9/28/2015	2/24/2017
30	Multiple PS: Highway 61 - Plank Road	Capacity	11-PS-MS-0035	GEC	\$ 6,000,000	9/26/2011	10/30/2015	5/30/2017
31	Multiple PS: Prescott Rd - Greenwell Springs Rd	Capacity	11-PS-MS-0034	MWH	\$ 5,434,000	9/19/2011	10/30/2015	5/30/2017
32	North 38th Street - Gus Young Avenue Area Rehab	Rehab	-	Rehab Prog. Mgmt Team	\$ 3,600,000	8/25/2014	11/13/2015	3/7/2017
32	Total Projects In Design				296,395,000			

LOOKING AHEAD...

The following projects are expected to advertise for construction bids during 3rd quarter 2013. As projects are advertised for construction bid, they will be posted on the SSO Program calendar at www.brgprojects.com.

South Boulevard–St. Joseph Street, Phase B Capacity Improvement Project (07-PS-BD-0048A): This project consists of approximately 1,400 LF of new force main ranging from 24 to 30 in. diameter along River Rd and about 2,500 LF of new 36 in. diameter gravity sewer pipe along South Blvd.

Antioch Road–Chadsford Drive Comprehensive Rehabilitation Project (TBD): This project includes the rehabilitation of the sewer collection system in the area of George O'Neal St between Jones Creek Blvd and the parish boundary.

Government Street–South Acadian Thruway Capacity Improvement Project (09-GS-MS-0043): This project will upgrade about 9,800 LF of gravity main ranging from 12 to 27 in. in diameter near Government St between Foster St and Acadian Thwy.

Jones Creek Road/Tiger Bend Road Area Rehab Project (12-AR-MS-0038): North of I-10 and south of Old Hammond Rd, this project involves physically inspecting pipes and manholes to determine and correct defects in the system.

Plank Road Pump Station Improvements (11-PM-MS-0024): Located centrally on the parish's western border, this project involves replacing 9 pump stations.

O'Neal Lane Pipeline Improvements-Group B (10-FM-MS-008B): Located in the southeastern area of the parish, this project involves replacing and constructing over 1,000 LF of 18 in. diameter gravity main and 27,000 LF of force main ranging from 6 to 36 in. in diameter.

O'Neal Lane Pump Station Improvements Group A (10-PS-MS-0050): This project will upgrade 17 pump stations to work in conjunction with force main upgrades in the southern portion of East Baton Rouge parish.

O'Neal Lane Pump Station Improvements-Group B (10-PS-MS-0051): This project, located along the southeastern border of the parish, involves replacing 27 pump stations, including converting BPS 889 from an in-line booster station to a wet well pump station.

Scenic Highway-Spanish Town Road: Phase 1 (TBD): Located north of I-10 and south of Hollywood St, this rehab project will consist of physically inspecting pipes and manholes to determine and correct defects in the system.

Interstate 110-Hollywood Street (TBD): This rehab project will consist of physically inspecting pipes and manholes to determine and correct defects in the system in the area north of Winbourne St.

BATON ROUGE SSO PROGRESS REPORT



2nd QUARTER 2013