



BATON ROUGE **SSO** 

Program

Quarterly Progress Report

1st Quarter 2014

Prepared for



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

Prepared by
CH2M HILL
In Association with
SIGMA Consulting Group
ILSI Engineering

The SSO Program- One Step Toward Becoming America's Next Great City!



Booster Pump Station 514 Replacement (09-PS-MS-0034)

Doubling Pump Capacity

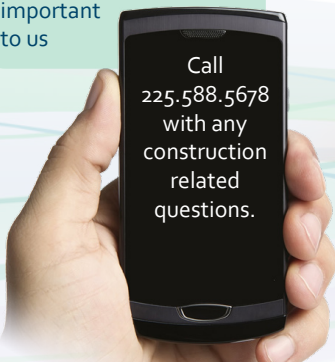
Project Summary

Completed in October 2013 by Wharton-Smith, Inc., this \$8.4 million project replaced booster pump station 514 with a submersible pump station to handle revised system requirements. The upgrades increased the maximum pumping capacity from 24,390 gallons per minute (gpm) to 53,500 gpm, the equivalent of 77 million gallons per day.

Pump station 514 serves a large portion of the southeast area of the parish and is the last stop for the wastewater before it is processed at the South Wastewater Treatment Plant (SWWTP). Pump station 514 services flows from dozens of smaller upstream pump stations. The pump station is located on the corner of Old Perkins Road and Pecue Avenue. The upgrades to this pump station are vital to the current and future development in the southeast portion of the parish.

Pump station 514 will be put into service at the end of the first quarter in 2015, once the 60" diameter force main from pump station 514 to the SWWTP is completed.

Keeping you informed during construction is important to us



Generators at pump station 514



Odor control and electrical controls at pump station 514



Valve vault piping at pump station 514

Completed Projects

1. RMAP1 - Kleinpeter Sewer Area Upgrades
2. Jefferson Hwy - Hoo Shoo Too Rd Area Rehabilitation Project
3. Gurney Rd - Joor Rd Sewer Area Upgrades
4. 25TH Street - North Acadian Thruway
5. Staring Ln - Boone Dr Area Rehabilitation Project
6. Comite Dr - Foster Rd Sewer Area Upgrades (Phase 1)
7. Staring Lane Extension - Phase 1 (Burbank Drive - LA 42 to Highland Road)
8. RMAP1 - Pump Station 136 Sewer Area Upgrades
9. North Wastewater Treatment Plant Odor Equipment Installation
10. Foster Rd - Hooper Rd Sewer Area Upgrades
11. Burbank Rd - Gardere Ln Area Rehabilitation Project
12. RMAP1 - Industriplex Sewer Area Upgrades
13. Comite Dr - Foster Rd Sewer Area Upgrades (Phase 2)
14. Sullivan Rd - Lovett Rd - Wax Rd Sewer Area Upgrades
15. South WWTP Immediate Action Plan (IAP) Combined Projects
16. Scotland Ave - Progress Rd Area Rehabilitation Project
17. Elm Grove Garden Rd - Harding Blvd Area Rehabilitation Project
18. Oak Villa Blvd - Choctaw St Area Rehabilitation Project
19. Highland Rd - Buchanan St Sewer Area Upgrades
20. Zachary Area Transmission Network Improvements Project Phase 4
21. Zachary Area Transm Ntwk (ZATNIP): General Design
22. Foster Dr - Government St Area Rehabilitation Project (Phase A)
23. Nicholson Dr - Highland Rd - Perkins Rd Sewer Area Upgrades (Phase A)
24. Capitol Lake Dr - Gayosa St / 25th St - N Acadian Thwy Sewer Area Upgrades
25. Old Perkins - Highland Rd (Group Project 2) Sewer Area Upgrades
26. Kenilworth Blvd - Boone Dr Area Rehabilitation Project
27. Downtown Area Pump Station Improvements
28. Citiplace/Essen Area Pump Station 119 & Force Main Improvements
29. South Blvd - St Joseph St /25th St - N Acadian Thwy Sewer Area Upgrades
30. Multiple Pump Stations - Jefferson Hwy - Park Forest Dr
31. Foster Dr - Government St Area Rehabilitation Project (Phase B)
32. Sharp Rd - Florida Blvd Area Rehabilitation Project
33. Brookstown Rd - Evangeline St Area Rehabilitation Project (Phase 2)
34. Silverleaf Rd - Ford St Area Rehabilitation Project
35. Stanford Rd - Morning Glory Rd Area Rehabilitation Project
36. Acadian Thwy - Perkins Rd Area Rehabilitation Project
37. Bluebonnet Blvd - Jefferson Hwy Area Rehabilitation Project (Phase 1)
38. Brookstown Rd - Evangeline St Area Rehabilitation Project (Phase 1)
39. Zachary Area Transmission Network Improvements Project Phase 1
40. Acadian Thwy - Claycut Rd Area Rehabilitation Project
41. Bluebonnet Blvd - Jefferson Hwy Area Rehabilitation Project (Phase 2)
42. South WWTP Wet Weather Improvements (Phase 1)
43. Metro Airport (Group 1A) Gravity Sewer Area Upgrades
44. Booster Pump Station 514 Replacement
45. Central Consolidation Force Main Sewer Area Upgrades (Phase I)
46. Highland Rd - Washington St Area Rehabilitation Project
47. Choctaw Storage and Pump Station Facilities
48. Bayou Duplantier Sewer Area Upgrades
49. Staring Lane Roadway Improvements - Phase 2 (Highland Rd to Perkins Rd)

Total Value of Completed Construction: \$495,215,698

PROJECTS UNDER CONSTRUCTION

Information				Consultant / Contractor		Total Const. Contract	Schedule Information			
#	Name	Type	DPW #	Design Consultant	Construction Contractor		Start	Advertise for Bids	Ant. Functionally Complete	
1	Central Consolidated PSs	Capacity	09-PS-MS-0035	Burk Kleinpeter /JYG	Reynolds, Inc.	\$21,444,540	11/7/2008	8/12/2011	4/26/2014	
2	PS 42 FM (Ph 2)	Capacity	09-FM-MS-036B	SJB /Owen & White	S.J. Louis Construction	\$12,701,234	11/7/2008	12/2/2011	4/30/2014	
3	Zachary Area Transmission Network Improvements Ph 3	Capacity	10-FM-IF-0004	SJB /Owen & White	Hemphill Construction	\$9,238,515	3/24/2008	10/15/2010	5/1/2014	
4	Airline Hwy - Goodwood Blvd Area Rehab (Ph 1)	Rehab	11-AR-MS-0027	Rehab Prog. Mgmt Team	Grady Crawford	\$9,064,062	2/8/2011	4/13/2012	5/10/2014	
5	Highland Rd - Burbank Dr Sewer Area Upgrades	Capacity	08-FM-ST-0023	GOTECH, Inc.	RACON, Inc.	\$22,231,039	3/31/2008	10/29/2010	5/14/2014	
6	Central Consolidation FM Sewer Area Upgrades (Ph II)	Capacity	09-FM-MS-033B	Shread-Kuyrkendall & Associates, Inc.	Layne Heavy Civil, Inc.	\$7,837,758	11/7/2008	12/2/2011	5/15/2014	
7	PS 42 FM (Ph 1)	Capacity	09-FM-MS-036A	SJB /Owen & White	Reynolds, Inc.	\$16,085,059	11/7/2008	4/29/2011	5/30/2014	
8	Staring Lane Sewer Improvements - Ph 3 (Perkins Rd to PS 58)	Capacity	06-WC-CP-0036	Monroe & Corie	Reynolds, Inc.	\$8,629,342	4/30/2009	5/27/2011	5/31/2014	
9	PS 58 Replacement	Capacity	09-PS-UF-0001	GEC	Cajun Constructors	\$12,977,687	1/5/2009	3/9/2012	7/2/2014	
10	Metro Airport (Group 1B) PS and FM Improvements	Capacity	08-PS-UF-0054	Evans-Graves/Burk	Grady Crawford	\$22,951,113	3/10/2008	4/13/2012	8/8/2014	
11	Plank Rd - Kleinpeter Rd Sewer Area Upgrades	Capacity	09-GS-UF-0028	Forte & Tablada	JB James Construction	\$9,331,606	3/23/2009	10/19/2012	8/15/2014	
12	Nicholson Dr-Highland Rd-Perkins Rd Sewer Area Upgrades (Ph B)	Capacity	09-FM-MS-047B	Buchart - Horn	Garney Construction	\$7,985,985	6/29/2009	5/24/2013	8/24/2014	
13	Multiple PS - Nicholson Dr - Brightside Ln	Capacity	09-PS-MS-0048	Arcadis U.S., Inc.	Layne Heavy Civil, Inc.	\$11,683,470	9/14/2009	4/27/2012	9/25/2014	
14	Standby Generator Installations for Sewer Lift Stations	Master Plan	09-PS-BD-0037	N/A	Grady Crawford	\$7,894,641	-	-	10/13/2014	
15	Hooper Storage Facility	Treatment	09-PS-UF-0007	TRC Engineers	Cecil Gassiott	\$17,427,113	1/19/2009	4/27/2012	12/1/2014	
16	PS 42 Improvements	Capacity	09-PS-UF-0003	MWH	Reynolds, Inc.	\$10,568,741	10/21/2008	10/14/2011	12/1/2014	
17	South WWTP Wet Weather Improvements (Ph 2)	Treatment	08-TP-BD-0055	MWH	Brasfield & Gorrie	\$111,742,255	10/1/2008	8/19/2011	12/10/2014	
18	O'Neal Ln Sewer Area Upgrades (Group A)	Capacity	10-FM-MS-0008	URS Corp.	Grady Crawford	\$13,894,002	9/29/2009	6/14/2013	12/25/2014	
19	Antioch Rd - Chadsford Dr Area Rehab	Rehab	11-AR-MS-0029	Rehab Prog. Mgmt Team	Allen & LeBlanc	\$8,978,779	7/14/2011	8/9/2013	1/26/2015	
20	South Blvd - St Joseph St - Ph B	Capacity	08-GS-ST-018B &	Hartman Engineering	JB James Construction	\$7,539,373	6/24/2011	9/6/2013	1/26/2015	
21	Airline Hwy - Goodwood Blvd Area Rehab (Ph 2)	Rehab	11-AR-MS-0028	Rehab Prog. Mgmt Team	Allen & LeBlanc	\$10,227,930	2/8/2011	6/21/2013	2/10/2015	
22	Scenic Hwy - Spanish Town Rd Area Rehab (Ph 1)	Rehab	12-AR-MS-0039	Rehab Prog. Mgmt Team	Allen & LeBlanc	\$8,547,537	5/7/2012	10/18/2013	2/11/2015	
23	O'Neal Ln Sewer Area Upgrades (Group B)	Capacity	10-FM-MS-008B	URS Corp.	Hemphill Construction	\$6,023,429	9/29/2009	11/1/2013	3/31/2015	
24	Government St - S Acadian Thwy Sewer Area Upgrades	Capacity	09-GS-MS-0043	GSA Consulting Engineers	TBD	\$-	8/28/2009	2/21/2014	5/8/2015	
25	Jones Creek Rd - Tiger Bend Rd Area Rehab	Rehab	12-AR-MS-0038	Rehab Prog. Mgmt Team	Grady Crawford	\$8,338,552	9/14/2011	12/20/2013	5/15/2015	
26	Zachary Area Transmission Network Improvements Ph 2	Capacity	10-FM-IF-0003	SJB /Owen & White	Wharton-Smith, Inc.	\$18,385,992	3/24/2008	12/16/2011	6/18/2015	
27	I-110 - Hollywood St Area Rehab	Rehab	12-AR-MS-0040	Rehab Prog. Mgmt Team	TBD	\$8,200,000	6/18/2012	3/28/2014	9/23/2015	
28	Plank Rd PSs Improvements	Capacity	11-PS-MS-0024	Arcadis U.S., Inc.	Grady Crawford	\$6,126,700	4/13/2011	1/17/2014	10/27/2015	
29	Multiple PSs - Highland Rd - Kenilworth Pkwy	Capacity	10-PS-MS-0009	AECOM	TBD	\$15,420,000	2/8/2010	3/28/2014	4/28/2016	
30	O'Neal Ln PSs Improvements (Group A)	Capacity	10-PS-MS-0050	MWH	Grady Crawford	\$14,485,612	5/25/2010	10/11/2013	5/22/2016	
31	O'Neal Ln PSs Improvements (Group B)	Capacity	10-PS-MS-0051	URS Corp.	Hemphill Const Co Inc.	\$14,722,184	5/25/2010	12/20/2013	5/25/2016	
32	SCADA Master Plan	Master Plan	12-PS-MS-0021	Prog. Mgmt Team	Tesco Controls, Inc.	\$14,591,553	3/2/2010	6/8/2012	5/11/2019	
32	Total Projects Under Construction						\$475,275,802			

PROJECTS IN DESIGN

Project Information				Consultant / Contractor		Schedule Information		
#	Project Name	Type	DPW #	Design Consultant	Total Const. Contract	Start	Advertise for Bids	Ant. Functionally Complete
1	Multiple PSs - Burbank Dr - Siegen Ln	Capacity	11-PS-MS-0026	Hartman Engineering	\$5,777,832	4/18/2011	4/18/2014	12/3/2015
2	Highland Rd Sewer Area Upgrades (Group A)	Capacity	11-FM-MS-004A	Evans Graves	\$8,974,803	1/5/2011	4/25/2014	11/6/2015
3	Highland Rd Sewer Area Upgrades (Group B)	Capacity	11-FM-MS-004B	Evans Graves	\$9,131,996	1/5/2011	5/9/2014	11/2/2015
4	South Basin Coordination	Capacity	TBD	TBD	TBD	TBD	5/16/2014	2/26/2015
5	Plank Rd - Port Hudson Pride Rd Sewer Area Upgrades	Capacity	11-FM-MS-0036	Buchart - Horn	\$3,050,000	8/5/2011	6/13/2014	12/15/2016
6	East Blvd - Government St Area Rehab	Rehab	12-AR-MS-0041	Rehab Prog. Mgmt Team	\$8,500,000	12/3/2012	6/27/2014	9/24/2015
7	Scenic Hwy - Spanish Town Rd Area Rehab (Ph 2)	Rehab	13-AR-MS-0032	Rehab Prog. Mgmt Team	\$9,100,000	3/5/2013	6/27/2014	4/15/2016
8	Environmental Services Facility	Master Plan	09-PS-UF-009A	CDM Smith	\$10,500,000	10/22/2010	7/18/2014	10/30/2015
9	Zachary Area Transmission Network Improvements Ph 5	Capacity	06-WC-IF-014E	SJB/Owen & White	\$2,000,000	1/1/2013	7/25/2014	1/9/2016
10	Hooper Rd PSs Improvements	Capacity	10-PS-MS-0048	Stanley	\$13,627,379	5/3/2010	8/8/2014	12/12/2016
11	Oak Villa Blvd - Monterrey Blvd Sewer Area Upgrades	Capacity	11-FM-MS-0025	Professional Engineering Consultants	\$8,503,988	4/18/2011	8/15/2014	3/4/2016
12	South WWTP Landscape Buffer Area	Master Plan	13-TP-MS-0046	Eduardo J. Jenkins	\$500,000	2/1/2013	8/29/2014	11/11/2015
13	Airline Hwy Pipeline	Capacity	10-GS-MS-0007	ABMB Eng.	\$40,318,000	1/30/2009	9/5/2014	4/4/2017
14	Siegen Ln - I-10 Area Rehab	Rehab	13-AR-MS-0033	Rehab Prog. Mgmt Team	\$5,100,000	6/10/2013	9/12/2014	2/29/2016
15	North WWTP Master Plan Sustainability	Master Plan	13-TP-MS-0045	Buchart - Horn	\$4,500,251	1/30/2012	9/19/2014	3/7/2016
16	Ardenwood Dr - Winbourne Ave Area Rehab	Rehab	13-AR-MS-0034	CSRS, Inc.	\$3,375,000	10/11/2013	1/9/2015	4/27/2016
17	Lovett Rd - Greenwell Springs Rd Sewer Area Upgrades (Group A)	Capacity	10-FM-MS-049A	SJB/Owen & White	\$15,900,000	5/3/2010	2/20/2015	7/12/2016
18	Lovett Rd - Greenwell Springs Rd Sewer Area Upgrades (Group B)	Capacity	10-FM-MS-049B	SJB/Owen & White	\$6,900,000	5/3/2010	3/20/2015	9/13/2016
19	Sherwood Forest Blvd - Goodwood Blvd Sewer Area Upgrades	Capacity	11-FM-MS-0005	Forte & Tablada	\$12,688,130	1/3/2011	4/24/2015	9/15/2016
20	Florida Blvd PSs Improvements	Capacity	11-PS-MS-0003	Brown & Caldwell	\$15,261,402	1/28/2011	4/24/2015	3/17/2017
21	North WWTP Master Plan Plant Improvements	Master Plan	13-TP-MS-0047	CDM Smith	\$45,500,278	1/30/2012	5/8/2015	11/6/2018
22	Flannery Rd - Florida Blvd Area Rehab (Ph 1)	Rehab	SGU-R-0003A	Rehab Prog. Mgmt Team	\$5,700,000	2/20/2014	5/15/2015	9/2/2016
23	North WWTP Master Plan Landscape Buffer Area	Master Plan	13-TP-MS-0001	TBD	\$500,000	3/5/2013	6/5/2015	8/6/2016
24	Joor Rd - Greenwell Springs Rd Sewer Area Upgrades	Capacity	11-FM-MS-0023	TRC Engineers /	\$6,900,000	4/18/2011	6/19/2015	2/17/2017
25	Flannery Rd - Florida Blvd Area Rehab (Ph 2)	Rehab	SGU-R-0003B	Rehab Prog. Mgmt Team	\$4,275,000	7/7/2014	9/25/2015	1/17/2017
26	Multiple PSs - Hwy 61 - Plank Rd	Capacity	11-PS-MS-0035	GEC	\$5,768,239	9/26/2011	10/30/2015	5/30/2017
27	Multiple PSs - Prescott Rd - Greenwell Springs Rd	Capacity	11-PS-MS-0034	MWH	\$5,292,977	9/19/2011	10/30/2015	5/30/2017
28	N 38th St - Gus Young Ave Area Rehab	Rehab	SGC-R-0004	Rehab Prog. Mgmt Team	\$3,300,000	8/25/2014	11/13/2015	3/7/2017
29	Central WWTP Decommissioning	Master Plan	CWWTP-C-0001	TBD	\$2,000,000	10/17/2014	5/13/2016	5/13/2017
29	Total Projects In Design				\$262,945,275			

LOOKING AHEAD...

The following projects are expected to advertise for construction bids in the upcoming months.

Multiple Pump Stations – Burbank Dr – Siegen Ln (11-PS-MS-0026):

This project involves replacing 6 pump stations able to handle peak wet weather flows ranging between 170 and 10,140 gpm.

Highland Rd Sewer Area Upgrades (Group A) (11-FM-MS-004A): This project will upgrade or replace 12,320 LF of gravity main ranging between 12 and 42 in. in diameter and 11,410 LF of force main ranging between 6 and 24 in. in diameter.

Highland Rd Sewer Area Upgrades (Group B) (11-FM-MS-004B): This project will upgrade or replace 18,380 LF of gravity main ranging between 8 and 42 in. in diameter and 4,940 LF of force main ranging between 8 and 10 in. in diameter.

South Basin Coordination (TBD): Located in the southern portion of the parish, this project will connect projects in the south basin.

Plank Rd – Port Hudson Rd Sewer Area Upgrades (11-FM-MS-0036):

This project will upgrade or replace 24,630 LF of gravity main ranging between 6 and 14 in. in diameter.

East Blvd - Government St Area Rehabilitation Project (12-AR-MS-0041):

This rehab project, located along the bank downtown and extending out past 22nd St, will consist of correcting defects in the system.

Scenic Highway – Spanish Town Rd Area Rehabilitation Project (Phase 2) (13-AR-MS-0032): This rehab project, located in the Capital Heights area, consists of correcting defects in the system.

1st Quarter 2014

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East Baton Rouge Parish
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