

BATON ROUGE SSO PROGRAM PROGRESS REPORT

JANUARY 2009

Prepared for

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

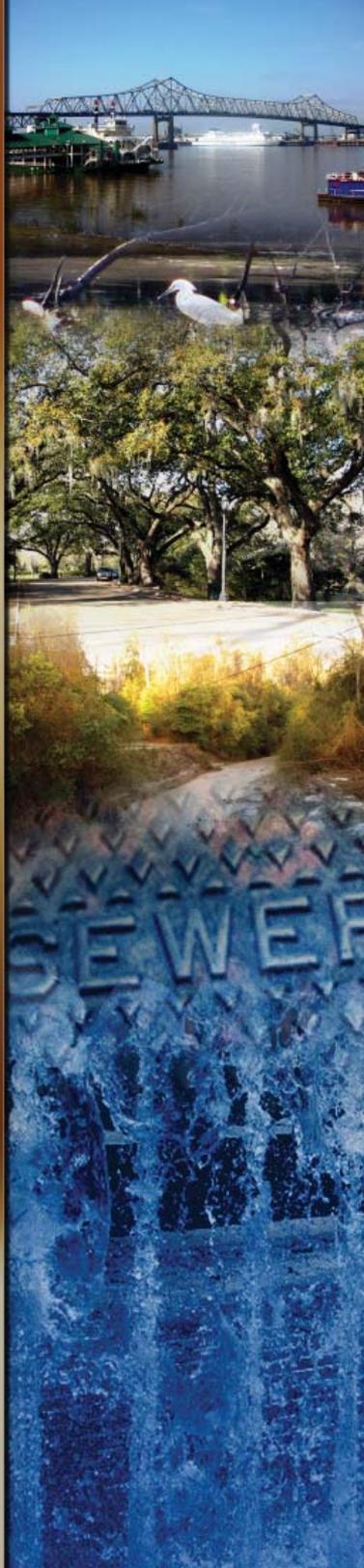


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In association with

SIGMA Consulting Group, Inc.





PROGRAM MANAGEMENT

The Baton Rouge Sanitary Sewer Overflow (SSO) Program is progressing on schedule entering into January 2009 with more than 30% of the program projects in design or construction phases of development. Currently, there are:

- 23 projects in design
- 3 projects under construction
- 9 projects near construction

To support the aggressive design, construction, and contracting schedule, the Program Management Team actively maintains Program planning and project control documents periodically. To this end, the Team recently updated the Program Delivery Plan (PDP) including added elements such as emergency generators, project costs, and project schedules for all 92 projects through December 31, 2014.

SSO Program Highlights

Maximizing Use of Local Consultants.

The SSO Program engaged numerous local firms, including more than 40 contractors, 19 prime design consultants, 2 CCTV contractors, and 6 prime construction contractors.

Capitalizing on Federal Resources, As Possible.

The SSO Program began a pre-qualification process with Louisiana Department of Environmental Quality (LDEQ) for redevelopment funds should Federal money become available.

Contributing to Emergency Preparedness and Public Safety.

Due to the impacts of Hurricane Gustav, the City-Parish will be installing emergency generators at all pump stations and wastewater treatment plants. The generator bids are scheduled for advertisement in late January, 2009 with installation scheduled to begin in July 2009. Site visits to gather data for generator sizing and drawing preparation began January 7 and are ongoing.

Committed to Meeting Reporting Requirements.

The 2008 Annual Report, as well as the 27th Quarterly EPA Report for the period ending December 31, 2008 will be submitted to the EPA in January.

Making Communication with the Community a Priority.

Program and project-specific public involvement plans are being developed which also includes actively engaging the City of Baton Rouge/East Baton Rouge Parish Metro Council members on SSO projects for their districts.

Watch Metro Council Channel 21 for a program called "Looking Great" airing every Tuesday (7:00PM) and Sunday (8:00PM) from January 20-February 3. SSO Program information will be presented on this TV broadcast by Miles Williams/President, Sigma Consulting.

IN THE SPOTLIGHT



The project area consists of 117,110 linear feet of pipe to be rehabilitated.



Rehabilitation construction continues in the Round Oaks Subdivision.

The Jefferson Highway – Hoo Shoo Too

rehabilitation project was scheduled to start construction in December 2008. However, due to the fact that this was a relatively small project area and we were able to begin design earlier than scheduled, construction started three months early in September 2008. In addition, good Southern Louisiana weather has allowed construction to be slightly ahead of schedule.



Construction began in the Round Oaks Subdivision and is currently 30% complete overall. The project involves the rehabilitation of the gravity collection system in the Jefferson Highway - Hoo Shoo Too area, including pipe repair and replacement. The project area consists of 117,110 linear feet of pipe and 553 manholes. Total construction cost is valued at \$2,239,936 (a savings of over \$760,000 from the Engineering Construction Estimate). Construction is scheduled to end September 2009.

TECHNOLOGY FOCUS

Rehabilitation of the sewer collection system is a comprehensive physical investigation that includes cleaning and inspection of sewer pipes and manholes. Once cleaned, methods such as closed-circuit television (CCTV) equipment, smoke testing, and dye testing will help to identify trouble areas, such as cracked or broken pipes, offset pipe joints and blockages. Once the data is collected and analyzed, recommended repairs will be made. Typical rehabilitation repairs include pipe and manhole and replacement and trenchless technologies that minimize above ground disturbances such as cured-in-place pipe liners and repair of sewer laterals to the property line.



One of the first steps in rehabilitation includes a physical pipe inspection to identify blockages.



Rehabilitation may only require only cleaning the blocked sewer pipe.



ADVERTISED FOR CONSTRUCTION

Summaries of the 9 projects that are near construction are:

RMAP1 – Industriplex: RMAP1 – Industriplex: Six pump stations will be demolished and replaced with a new pump station and 16" forcemain. Construction contract was approved by Metro Council on January 14, 2009. Construction to begin early March 2009.

RMAP1 – PS136: Nine existing pump stations will be demolished and replaced with a new pump station, 2000 feet of forcemain, 12,500 linear feet of gravity pipe. Construction to begin early February 2009.

Staring Lane Forcemain-PS58 Phase I: A new forcemain will be installed. Phase I of the project is near Burbank Road – Highland Road area. Construction to begin early February 2009.

Gardere Lane – Burbank Road: Approximately 200,500 linear feet of pipe and 787 manholes will be cleaned, inspected and rehabilitated. Construction to begin mid February 2009.

Immediate Action Projects (combined): Primary treatment improvements, trickling filter improvements and sludge handling improvements will be made at the South Wastewater Treatment Plan. Construction bids scheduled for opening on January 27, 2009.

Foster Road – Hooper Road: The capacity of the Suburban Transportation Network will be increased and includes approximately 32,000 feet of pipe. Project advertised for construction bids on January 9, 2009.

Multiple PS – Lovett Road Area: Three pump stations and a portion of the gravity main upstream will be replaced to alleviate SSOs. Project advertised for construction bids on January 16, 2009.

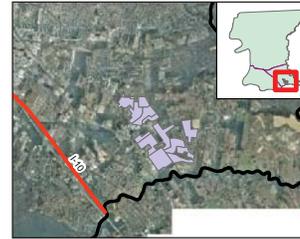
Comite Drive – Foster Road: Three pump stations will be replaced as well as 2,000 linear feet of gravity pipe. Project advertised for construction bids on January 16, 2009.

Staring Lane – Boone Drive: Approximately 148,000 linear feet of pipe and 657 manholes will be cleaned, inspected and rehabilitated. Project advertised for construction bids on January 23, 2009.

CONSTRUCTION



3 projects are under construction, and are described below:



Jefferson Highway - Hoo Shoo Too Road: Rehabilitation of the gravity collection system, including approximately 117,110 linear feet of pipe and 553 manholes. Construction continues in January at 30% complete.



RMAP1 - Kleinpeter Area Upgrades: Conducting capacity upgrades to two pump stations, including 2,000 linear feet of new 4" forcemain. Construction mobilization started on January 14, 2009.



Gurney Road – Joor Road: Upsizing a pump station to meet future peak wet weather flows and alleviate SSOs. Construction notice to proceed was issued on January 5, 2009.

IT'S TOPICAL

Visit the Sanitary Sewer Overflow (SSO) web-site: www.brprojects.com which was redesigned in January 2009.

Under the new look, users can search by physical address to find a list of projects, active and future in that area.

Up-to-date calendar items are posted so that potential engineers and contractors will see important project dates, including design consultant selection dates and construction bid openings.

Residents of the City of Baton Rouge/East Baton Rouge Parish can find general program information as well as current, specific project details and public meetings.



Looking Ahead...

Foster Road – Hooper Road

- 1-9-09: Advertise for construction bids
- 1-27-09: Pre-bid conference at 9:00AM
- 2-3-09: Construction bid opening

Multiple PS – Lovett Road Area

- 1-16-09: Advertise for construction bids
- 2-3-09: Pre-bid conference at 1:00PM
- 2-17-09: Construction bid opening

Comite Road – Foster Road

- 1-16-09: Advertise for construction bids
- 2-3-09: Pre-bid conference at 10:00AM
- 2-10-09: Construction bid opening

PS58A Overflow Pump Station

- 1-16-09: Advertise for design consultant
- 1-29-09: Design consultant SOOs due to DPW
- 2-5-09: Project informational meeting at 4:15PM
- 2-12-09: Engineering consultant selection

Staring Lane – Boone Drive

- 1-23-09: Advertise for construction bids
- 2-10-09: Pre-bid Conference at 1:00PM
- 3-3-09: Construction bid opening

Upcoming Projects to Advertise for Construction Contractor Bids:

- Oak Villa Blvd. – Choctaw Street (April)
- Capitol Lake – Gayosa Drive (April)

Upcoming Projects to Advertise for Design Consultants:

- SWWTP Wet Weather Improvements Phase II (February)
- Central Consolidation Forcemain (April)
- Central Consolidation East Pump Station (April)
- Central Consolidation East Forcemain (April)

*For detailed information on the projects above, please visit the web-site at
http://www.brprojects.com/sewer/pages/contractor_calendar.htm*



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