

BTR SSO PROGRESS REPORT

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

Prepared by
CH2MHILL

In Association with
Sigma Consulting Group, Inc.

June 2008
(for month ending May 2008)



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Program Management

News

- 30 of 94 projects are in design phase
- Program staffing at 100% of authorized level
- Submitted Wastewater Master Plan to DPW
- Submitted SCADA Master Plan
- Started Choctaw Storage and pumping project
- Combined four South Wastewater Treatment Immediate Action Projects into one construction project
- Land acquisition for expansion of wet weather treatment at the South Wastewater Treatment Plan continued, including abstracting and appraisals

Project Number:	DWPSSO-0001
Program Project Manager:	Jim Hawley, P.E.
Program Contact Information:	CH2M HILL 700 Main Street, Suite 400 Baton Rouge, LA 70802 225-381-8454

Planned Activities

- Bid the South Wastewater Treatment Immediate Action project
- Finalize the Wastewater System Master Plan
- Start up the South Wastewater Treatment Plant design in July

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
Baton Rouge Dept of Public Works Sanitary Sewer Overflow Project	1 st Qtr '08	4 th Qtr '08
Phase 3 – Planning projects – Program Management	1 st Qtr '08	4 th Qtr '08





Master Planning

News

- Presented the Master Plan draft document to DPW
- Provided a series of presentations to DPW for endorsement

Project Number:	DWPSSO-0002
Project Name:	Master Plan
Program Description:	Develop the wastewater collection, conveyance, and treatment Master Plan for the City of Baton Rouge/ East Baton Rouge Parish Department of Public Works, Baton Rouge, Louisiana.
Program Project Manager:	Jim Hawley, P.E.
Design Consultant:	N/A
Project Start Date:	March 2008
Estimated Project End Date:	June 2008

Planned Activities

- Receive and adjudicate comments from DPW on the Master Plan draft document
- Submit the final document to DPW

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
Baton Rouge Dept of Public Works Sanitary Sewer Overflow Project	1 st Qtr '08	3 rd Qtr '08
Phase 3 – Planning projects – Master Planning	1 st Qtr '08	3 rd Qtr '08



SSO Planning

News

- Continued refinement and quality control review of the hydraulic model of the sewer system
- Coordinated project definitions and designs with the hydraulic model, specifically piping, pump station, and configuration changes

Planned Activities

- Continually update the hydraulic model as new projects begin project definition
- Issue the first revision of the Program Delivery Plan (PDP) in September 2008

Project Information

Project Number:	DWPSSO-0005
Project Name:	Sanitary Sewer Overflow Planning
Project Description:	SSO program delivery plan (PDP) outlines the projects to be completed to eliminate sewer overflows throughout the Parish. The PDP contains a description of each project, along with its completion schedule and budget. The PDP will be updated annually to incorporate project-specific information and hydraulic model updates.
Program Project Manager:	Michael Ellis, P.E, Client Services Manager
Project Start Date:	December 2007
Estimated Project End Date:	September 2008

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
Sanitary Sewer Overflow Planning	4 th Qtr '07	3 rd Qtr '08

Collection System Rehabilitation

Jefferson Highway – HooShooToo Road

News

- DPW incorporated USEPA requirements into bid documents
- Advertisement for bids pending USEPA approval

Planned Activities

- Bid opening scheduled for June 2008 assuming EPA grant approval

Project Information

Project Number:	DWPSSO-0032 SFL-R-0001
Project Name	Sewer Rehabilitation – Jefferson Highway - HooShooToo Road
Project Description:	The project involves the rehabilitation of the gravity collection system in the Jefferson Highway/HooShooToo area, and includes pipe repair and replacement. The project area consists of approximately 117,110 linear feet of pipe and 553 manholes.
Program Project Manager:	Jason Crain, P.E.
Design Consultant:	Sigma Consulting Group, Inc.
Project Start Date:	May 2007
Estimated Project End Date:	October 2009

Project Schedule

PROJECT SCHEDULE		Start Date	End Date
Jefferson Hwy - HooShooToo Road		2 nd Qtr '07	4 th Qtr '09
Design		2 nd Qtr '07	2 nd Qtr '08
Bid Phase		2 nd Qtr '08	2 nd Qtr '08
Construction		3 rd Qtr '08	4 th Qtr '09

Project Budget

ALLOCATED CITY-PARISH BUDGET				PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Physical Inspection	Program Delivery Plan Budget
\$2,253,273	\$0	\$2,228,273	\$25,000	\$2,250,000



Figure 3-27



Legend
 Area Designated for Physical Inspection

0 500 1,000 Feet



SFL-R-0001
 Proj # 1 Jefferson Hwy - Hoo Shoo Too Rd.
Project Vicinity Map
BATON ROUGE
SEWER PROGRAM

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Collection System Rehabilitation

Gardere Lane – Burbank Road

News

- Completed data review and analysis for rehabilitation recommendations
- Finalizing basin characterization report

Planned Activities

- DPW to issue Notice to Proceed to Design Consultant, CSRS
- CSRS to begin survey and design

Project Information

Project Number:	DWPSSO-0031 (DPW #08-AR-UF-0003) SGL-R-0001
Project Name	Sewer Rehabilitation – Gardere Lane – Burbank Road
Project Description:	The project involves the rehabilitation of the gravity collection system in the Gardere Lane – Burbank Road area in south Baton Rouge, and includes pipe repair and replacement. The project area consists of approximately 200,500 linear feet of pipe and 743 manholes.
Program Project Manager:	Jason Crain, P.E.
Design Consultant:	CSRS
Project Start Date:	November 2007
Estimated Project End Date:	September 2010

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
Gardere Lane - Burbank Road	2 nd Qtr '07	2 nd Qtr 10
Design	2 nd Qtr '07	4 th Qtr '08
Bid Phase	4 th Qtr '08	1 st Qtr '09
Land Acquisition	3 rd Qtr '08	2 nd Qtr '09
Construction	1 st Qtr '09	2 nd Qtr '10

Project Budget

ALLOCATED CITY-PARISH BUDGET				PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Physical Inspection	Program Delivery Plan Budget
\$6,318,000	\$758,000	\$5,100,000	\$460,000	\$6,300,000



Figure 3-7

East Baton Rouge Parish

Legend

Area Designated for Physical Inspection

0 1,000 2,000 Feet

PUBLIC WORKS

SGL-R-0001
 Proj #3 Gardere Ln. - Burbank Rd.
Project Vicinity Map
BATON ROUGE
SEWER PROGRAM

Collection System Rehabilitation

Staring Lane – Boone Drive

News

- Finalizing physical inspection of area sewers
- Completed field reconnaissance and basin observations

Planned Activities

- Contractor to submit physical inspection data
- Begin data analysis and basin characterization in June 2008

Project Information

Project Number:	DPWSSO-0034 (DPW#: 08-AR-UF-0004) SGL-R-0002
Project Name	Sewer Rehabilitation – Staring Lane – Boone Drive
Project Description:	This project involves rehabilitation of the gravity collection system, specifically repair and/or replacement of some pipe and manholes, in the Staring/Boone area in south Baton Rouge. The project area consists of approximately 148,000 linear feet of pipe and 657 manholes.
Program Project Manager:	Jason Crain, P.E.
Design Consultant:	CSRS
Project Start Date:	May 2007
Estimated Project End Date:	June 2010

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
Staring Lane – Boone Drive	4 th Qtr '07	3 rd Qtr '10
Consultant Selection	4 th Qtr '07	1 st Qtr '08
Consultant Negotiations	1 st Qtr '08	2 nd Qtr '08
Consultant Contract Approval	2 nd Qtr '08	3 rd Qtr '08
Design	1 st Qtr '08	4 th Qtr '08
Land Acquisition	4 th Qtr '08	3 rd Qtr '09
Bid Phase	4 th Qtr '08	2 nd Qtr '09
Construction	2 nd Qtr '09	3 rd Qtr '10

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Right-of-Way Acquisition.	Budgeted Project Inspection	Program Delivery Plan
\$6,928,000	\$828,000	\$5,600,000	\$0	\$500,000	\$7,000,000



East Baton Rouge Parish

Legend

Area Designated for Physical Inspection

0 1,000 2,000 Feet

SGL-R-0002
 Proj #2 Staring Ln - Boone Dr.
Project Vicinity Map
BATON ROUGE
SEWER PROGRAM

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SCADA Master Plan

Supervisory Control and Data Acquisition

News

- Finalized SCADA Master Plan

Planned Activities

- Update web-site with Final SCADA Master Plan
- Prepare documents for procurement of firm to provide design, installation, and maintenance of control and telemetry system for three WWTPs and their associated storage tanks

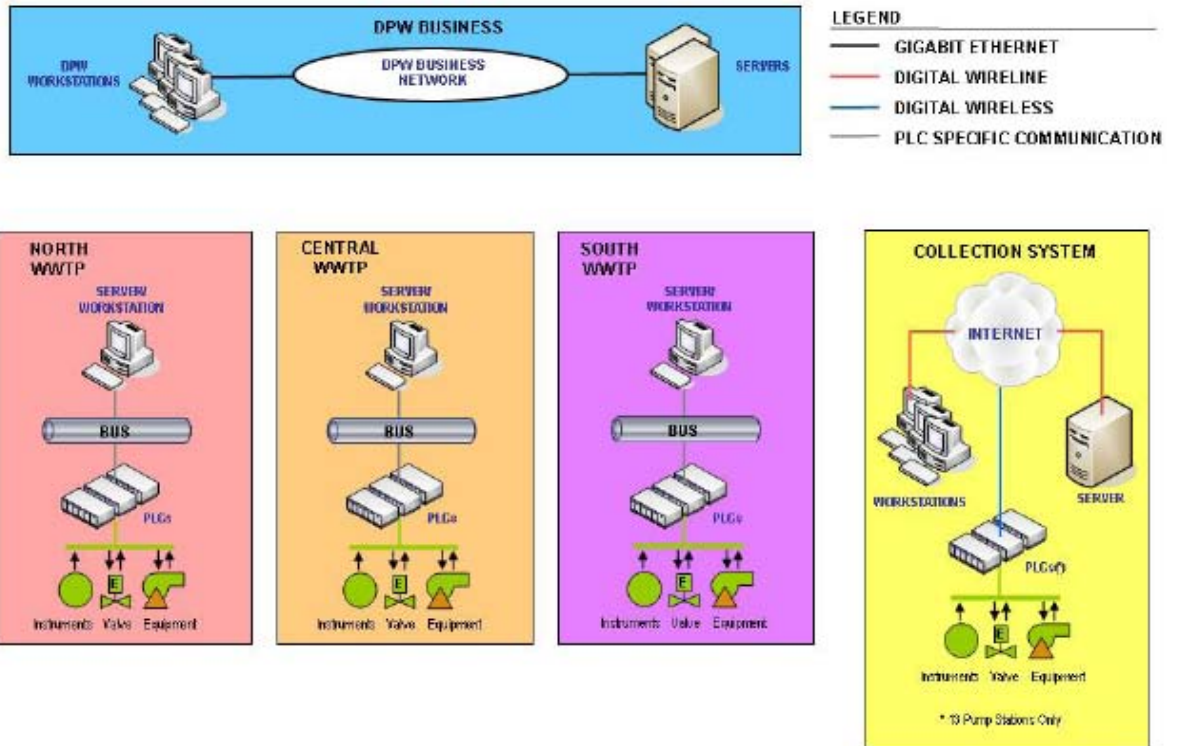
Project Information

Project Number:	DPWSSO-0004
Project Name	Supervisory Control and Data Acquisition (SCADA) Master Plan
Project Description:	The SCADA Master Plan will provide DPW with recommendations for implementation of SCADA systems at the WWTPs and in the collection system, with provisions for centralized control of the WWTPs and of the collection system.
Program Project Manager:	Jennifer Baldwin, Ph.D., P.E.
Design Consultant:	To be determined
Project Start Date:	March 2008
Estimated Project End Date:	January 2009

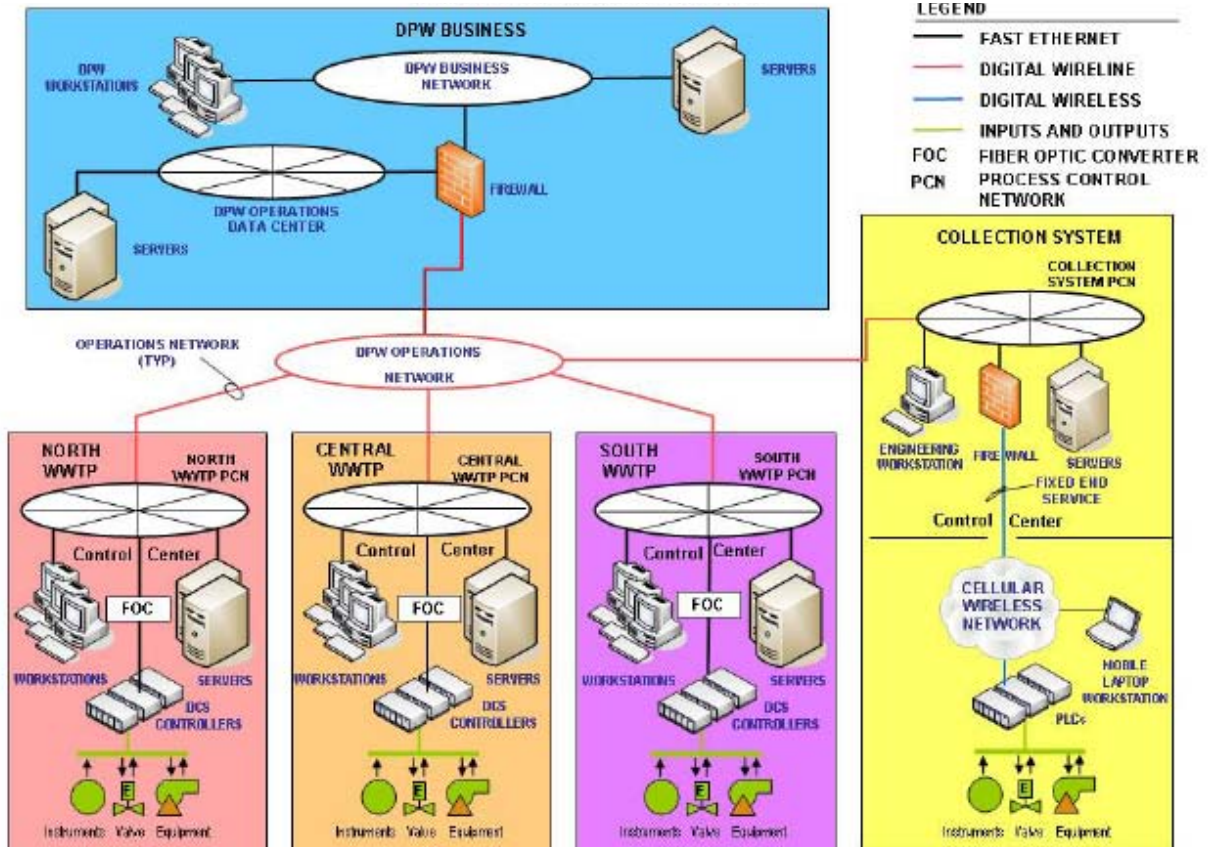
Project Schedule

PROJECT SCHEDULE	Start Date	End Date
SCADA (Supervisory Control and Data Acquisition)	1 st Qtr '08	1 st Qtr '09
SCADA Group 1	1 st Qtr '08	2 nd Qtr '08
SCADA Group 2	1 st Qtr '08	2 nd Qtr '08
SCADA Group 3	2 nd Qtr '08	1 st Qtr '09
SCADA Group 4	2 nd Qtr '08	1 st Qtr '09

Existing DPW MCS



Proposed DPW SCADA



Projects Under Design

RMAP1 – Industriplex Area Upgrades

News

- Final plans and specifications submitted to DPW
- DPW prepared conformed documents

Planned Activities

- Continue work on permit for gas company pipeline crossing
- DPW to advertise project in July 2008
- Project bid opening in August 2008

Project Information

Project Number:	DPWSSO-0008 (DPW#: 99-RMP-S08)
Project Name	RMAP1 – Industriplex Area Upgrades
Project Description:	The Industriplex Area Upgrade Project is located in the Siegen Lane/ Industriplex Boulevard area. The project plan includes demolition of six pump stations: PS252, PS287, PS331, PS332, PS355, and PS389 and replace them with one new pump station near PS332, on Exchequer Drive between Little Cayman and Merchant Drive. A new 16-inch forcemain will discharge from the new station to an existing 42-inch forcemain east of Pecue Lane. This project will reduce pump station operation and maintenance costs and reduce any possible odor issues associated with the existing pump stations.
Program Project Manager:	Fernando (Fred) Estevez, P.E.
Design Consultant:	Chad Bacas, P.E., Forte & Tablada
Project Start Date:	1999 (Under previous consultant)
Estimated Project End Date:	November 2009

Project Schedule

PROJECT SCHEDULE		Start Date	End Date
RMAP1 Industriplex Area Upgrades		1 st Qtr '08	4 th Qtr '09
Design		1 st Qtr '08	2 nd Qtr '08
Land Acquisition		1 st Qtr '08	3 rd Qtr '08
Permitting		1 st Qtr '08	3 rd Qtr '08
Bid Phase		3 rd Qtr '08	4 th Qtr '08
Construction		4 th Qtr '08	4 th Qtr '09

Projects Under Design

RMAP1 – Kleinpeter Area Upgrades

News

- Monroe & Corie finalized and submitted the design to DPW for approval
- Scheduled the bid date and prepared the bid documents
- Applied for DHH permit

Planned Activities

- DPW to advertise project in July 2008
- Bid opening in August 2008

Project Information

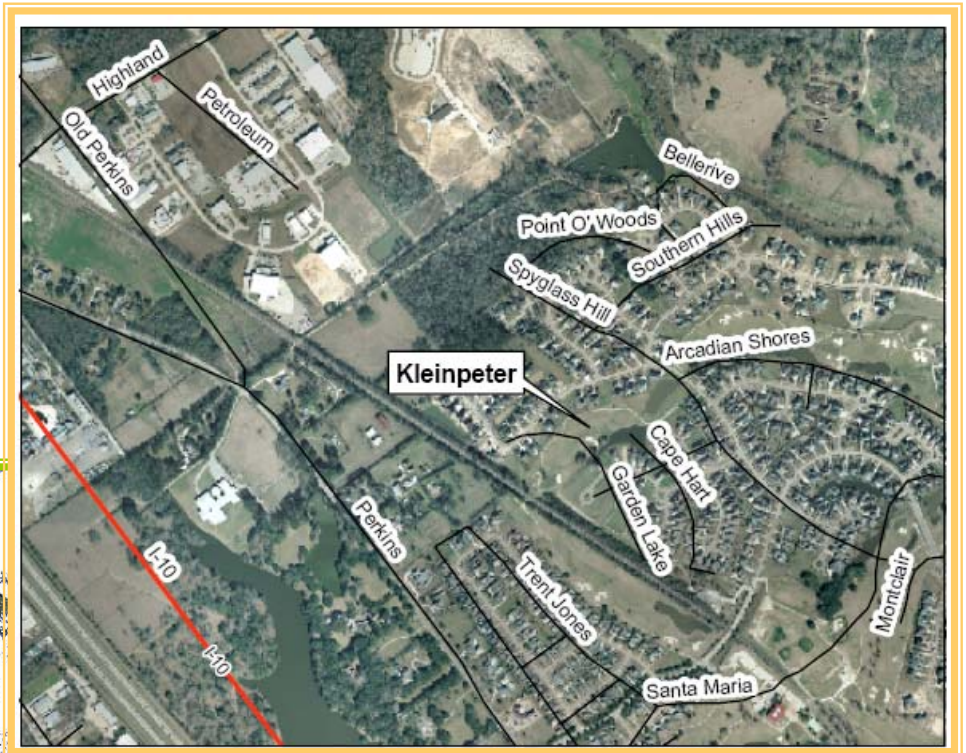
Project Number:	DPWSSO-0009 (DPW#: 03-RMP-S14)
Project Name	RMAP1 – Kleinpeter Area Upgrades
Project Description:	The Kleinpeter Area Upgrade Project is located in the Santa Maria/Country Club of Louisiana area near Interstate 10 and Highland Road. The project consists of conducting capacity upgrades to pump stations PS343 and PS382. The project also includes the construction of approximately 1,000 linear feet of new 4-inch forcemain associated with the PS382 upgrade.
Program Project Manager:	Ruhan Isim
Design Consultant:	Bill Monroe, P.E., Monroe & Corie
Project Start Date:	2003 (Under previous consultant)
Estimated Project End Date:	April 2010

Project Schedule

PROJECT SCHEDULE		Start Date	End Date
RMAP1 Kleinpeter Area Upgrades		1 st Qtr '08	2 nd Qtr '10
Design		1 st Qtr '08	2 nd Qtr '08
Land Acquisition		1 st Qtr '08	2 nd Qtr '08
Permitting		3 rd Qtr '08	4 th Qtr '08
Bid Phase		2 nd Qtr '08	4 th Qtr '08
Construction		4 th Qtr '08	2 nd Qtr '10

Project Budget

ALLOCATED CITY-PARISH BUDGET TO-DATE				
Project Total	Budgeted Engineering	Budgeted Project Inspection	Budgeted Construction	Budgeted Misc.
\$1,803,895	\$158,865	\$52,891	\$1,590,139	\$2,000



A capacity upgrade will be conducted at Pump Station 382

Projects Under Design

RMAP1 – PS136 Area Upgrades

News

- Sigma Consultant submitted 90% plans and specifications for CH2M HILL review

Planned Activities

- Finalize and submit design to DPW for bidding in July 2008
- DPW to advertise project in August 2008
- Open project bids in September 2008

Project Information

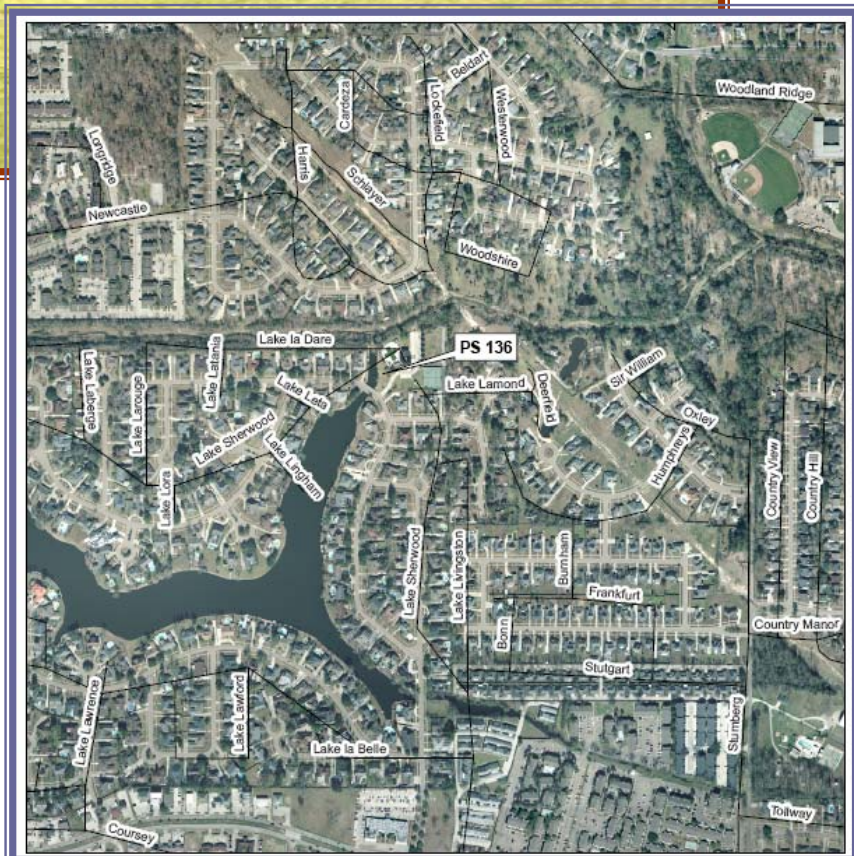
Project Number:	DPWSSO-0010 (DPW#: 99-RMP-S16)
Project Name	RMAP1 – PS136 Area Upgrades
Project Description:	The PS136 Area Upgrade project is located in the Lake Sherwood Acres area and consists of the demolition of nine existing pump stations, specifically PS143, PS216, PS270, PS136, PS168, PS328, PS217, PS134, and PS135 and 27,000 linear feet of associated 4 to 24 inch forcemains. A new gravity system will be constructed routing sewer flow from the nine demolished pump stations to one new centralized 4.5 million gallon per day pump station located in the Gulf States Utility (GSU) right-of-way at Tollway Drive. 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, and approximately 4,400 linear feet of 24 to 36 inch gravity sewer.
Program Project Manager:	Fernando (Fred) Estevez, P.E.
Design Consultant:	Greg Sepeda, P.E., Sigma Consulting Group
Project Start Date:	1999 (Under previous consultant)
Estimated Project End Date:	April 2010

Project Schedule

PROJECT SCHEDULE		Start Date	End Date
RMAP1 Pump Station 136		1 st Qtr '08	2 nd Qtr '10
Design		1 st Qtr '08	3 rd Qtr '08
Land Acquisition		1 st Qtr '08	3 rd Qtr '08
Permitting		2 nd Qtr '08	3 rd Qtr '08
Bid Phase		3 rd Qtr '08	4 th Qtr '08
Construction		1 st Qtr '09	2 nd Qtr '10

Project Budget

ALLOCATED CITY-PARISH BUDGET						
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Inspection	Budgeted Misc.	Budgeted Contingency	Budgeted ROW Acquisition
\$8,557,016	\$628,346	\$7,372,799	\$269,815	\$4,500	\$159,556	\$122,000



Projects Under Design

Highway 61 – Zachary - Baker

News

- Submitted project definition to DPW

Planned Activities

- SJB Group/Owen & White to prepare and submit the fee proposal for design services in June 2008
- Begin design contract negotiation with SJB Group/Owen & White

Project Information

Project Number:	DPWSSO-0016 (DPW#: 06-WC-IF-0014) NFW-C-HWY61
Project Name	Highway 61 – Zachary – Baker
Project Description:	The project involves the design and construction of upgrades to the collection system in the North service area to alleviate chronic SSOs in the gravity basins and accommodate for future growth. This project includes upgrading portions of the forcemain system and the gravity collection system and the design and construction of a wastewater storage/equalization facility at the Red Mud Lakes area in the northwest part of the parish. The storage/equalization facility will attenuate flow to the North WWTP, allowing the sum of flows to remain within the current capacity of the treatment plant.
Program Project Manager:	Obie Watts, P.E.
Design Consultant:	SJB Group, LLC/Owen & White, Inc.
Project Start Date:	March 2008
Estimated Project End Date:	February 2012

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
HWY 61 – Zachary – Baker	1 st Qtr '08	1 st Qtr '12
Project Definition	1 st Qtr '08	2 nd Qtr '08
Consultant Negotiations	2 nd Qtr '08	3 rd Qtr '08
Consultant Contract Approval	3 rd Qtr '08	3 rd Qtr '08
Design	3 rd Qtr '08	4 th Qtr '09
Land Acquisition	4 th Qtr '08	3 rd Qtr '10
Wetlands	4 th Qtr '08	4 th Qtr '09
Bid Phase	3 rd Qtr '10	1 st Qtr '11
Permitting	4 th Qtr '08	1 st Qtr '10
Construction	1 st Qtr '11	1 st Qtr '12

Project Budget

ALLOCATED CITY-PARISH BUDGET			PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Program Delivery Plan
\$2,900,000	\$2,900,000	\$0	\$2,900,000



<p>East Baton Rouge Parish</p>	<p>Legend</p> <table border="0"> <tr> <th>Proposed</th> <th>Existing</th> </tr> <tr> <td> New Pump Stations</td> <td> Exist. Gravity</td> </tr> <tr> <td> New Force Main</td> <td> Exist. Force Main</td> </tr> <tr> <td> New Gravity Main</td> <td> Exist. Pump Station</td> </tr> <tr> <td> New Storage Facility</td> <td> Manholes/Nodes</td> </tr> <tr> <td></td> <td> Property Boundary</td> </tr> </table>		Proposed	Existing	New Pump Stations	Exist. Gravity	New Force Main	Exist. Force Main	New Gravity Main	Exist. Pump Station	New Storage Facility	Manholes/Nodes		Property Boundary	<p>NFW-C-HWY61</p> <p>Project Base Map</p> <p>Baton Rouge Sewer Program</p>
	Proposed	Existing													
New Pump Stations	Exist. Gravity														
New Force Main	Exist. Force Main														
New Gravity Main	Exist. Pump Station														
New Storage Facility	Manholes/Nodes														
	Property Boundary														
<p>0 500 1,000 Feet</p>															

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Projects Under Design

South WWTP Primary Treatment Improvements Immediate Action Project (IAP) #2

News

- CDM submitted the 90% design in May 2008
- CH2M Hill and DPW reviewed the 90% design in May 2008
- CH2M Hill prepared the 90% standard specifications to be utilized for all IAP projects

Planned Activities

- CDM to submit final contract documents in June 2008
- CH2M Hill to submit final standard specification in June 2008
- Combine project as one bid and construction package with other IAP projects, and bid in June 2008
- Bid opening to be conducted in July 2008
- Contract award to occur in August 2008

Project Information

Project Number:	DPWSSO-0012 (DPW#: 06-WT-TP-0060) IAP 2
Project Name	South Wastewater Treatment Plant (WWTP) Primary Treatment Improvements, IAP #2
Project Description:	The South WWTP Primary Treatment Improvement Project, IAP #2 consists of the rehabilitation of primary clarifiers and primary sludge pump stations, the addition of ferric chloride and polymer chemical feed systems for chemically enhanced primary treatment, and improvements for flow control and measurement at multiple flow splitter boxes.
Program Project Manager:	Stephen Bianchetta, P.E.
Design Consultant:	Justin Haydel, P.E., Camp, Dresser, and McKee (CDM)
Project Start Date:	November 2006
Estimated Project End Date:	August 2009

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
South WWTP Primary Treatment Improvements, Immediate Action Project (IAP) #2	4th Qtr '06	3 rd Qtr '09
Consultant Selection	4 th Qtr '06	2 nd Qtr '07
Consultant Negotiations	2 nd Qtr '07	1 st Qtr '08
Design	3 rd Qtr '07	2 nd Qtr '08
Permits	2 nd Qtr '08	3 rd Qtr '08
Bid Phase	2 nd Qtr '08	3 rd Qtr '08
Construction	3 rd Qtr '08	3 rd Qtr '09

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Misc.	Budgeted Contingency	Program Delivery Plan
\$1,800,000	\$420,000	\$1,230,000	\$10,000	\$140,000	\$5,304,000



IAP #2 - South WWTP Primary Treatment Improvements



South Waste Water Treatment Plant

Projects Under Design

South WWTP Screening Improvements Immediate Action Project (IAP) #1

News

- Resubmitted the 90% design in May 2008
- CH2M Hill and DPW reviewed the resubmitted 90% design
- CH2M Hill prepared the 90% standard specifications to be utilized for all IAP projects

Planned Activities

- AFJM to submit final contact documents in June 2008
- CH2M Hill to submit final standard specifications in June 2008
- Combine project as one bid and construction package with other IAP projects, and bid in June 2008
- Bid opening to be conducted in July 2008
- Contract award to occur in August 2008

Project Information

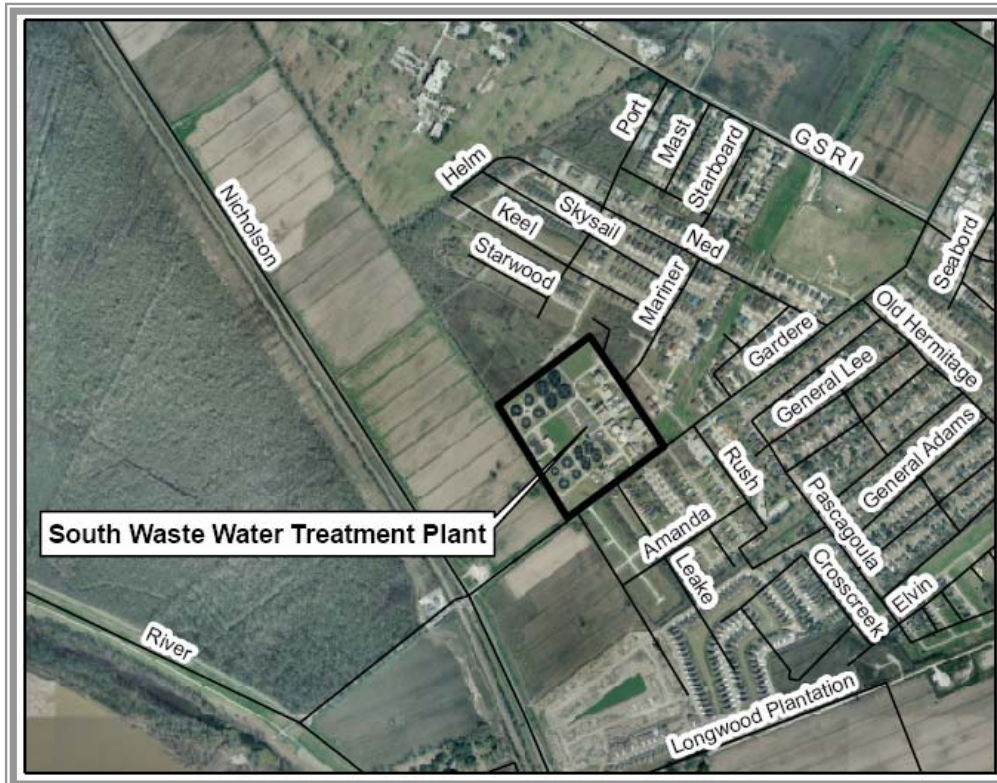
Project Number:	DPWSSO-0011 (DPW#: 06-WT-TP-0059) IAP 1
Project Name	South WWTP Screening Improvements, IAP #1
Project Description:	The South WWTP Screenings Improvement Project, IAP #1, consists of the addition of two new bar screens to the existing facility and improvements to the existing conveyor system, sluice gates, and associated electrical and control systems.
Program Project Manager:	Stephen Bianchetta, P.E.
Design Consultant:	Robert Iseman, P.E., Aillet, Fenner, Jolly & McClelland (AFJM)
Project Start Date:	November 2006
Estimated Project End Date:	August 2009

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
South WWTP Screening Improvements, Immediate Action Project (IAP) #1	4 th Qtr '06	3 rd Qtr '09
Consultant Selection	4 th Qtr '06	2 nd Qtr '07
Consultant Negotiations	2 nd Qtr '07	3 rd Qtr '07
Design	3 rd Qtr '07	2 nd Qtr '08
Permits	2 nd Qtr '08	3 rd Qtr '08
Bid Phase	2 nd Qtr '08	3 rd Qtr '08
Construction	3 rd Qtr '08	3 rd Qtr '09

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Misc.	Budgeted Contingency	Program Delivery Plan
\$960,000	\$80,000	\$800,000	\$10,000	\$70,000	\$1,072,000



IAP #1 South WWTP Screening Improvements



Projects Under Design

South WWTP Sludge Handling Improvements Immediate Action Project (IAP) #5

News

- URS submitted the 90% design in May 2008
- CH2M Hill and DPW reviewed the 90% design in May 2008
- CH2M Hill prepared the 90% standard specifications to be utilized for all IAP projects

Planned Activities

- URS to submit final contact documents in June 2008
- CH2M Hill to submit final standard specification in June 2008
- Combine project as one bid and construction package with other IAP projects, and bid in June 2008
- Bid opening to be conducted in July 2008
- Contract award to begin in August 2008

Project Information

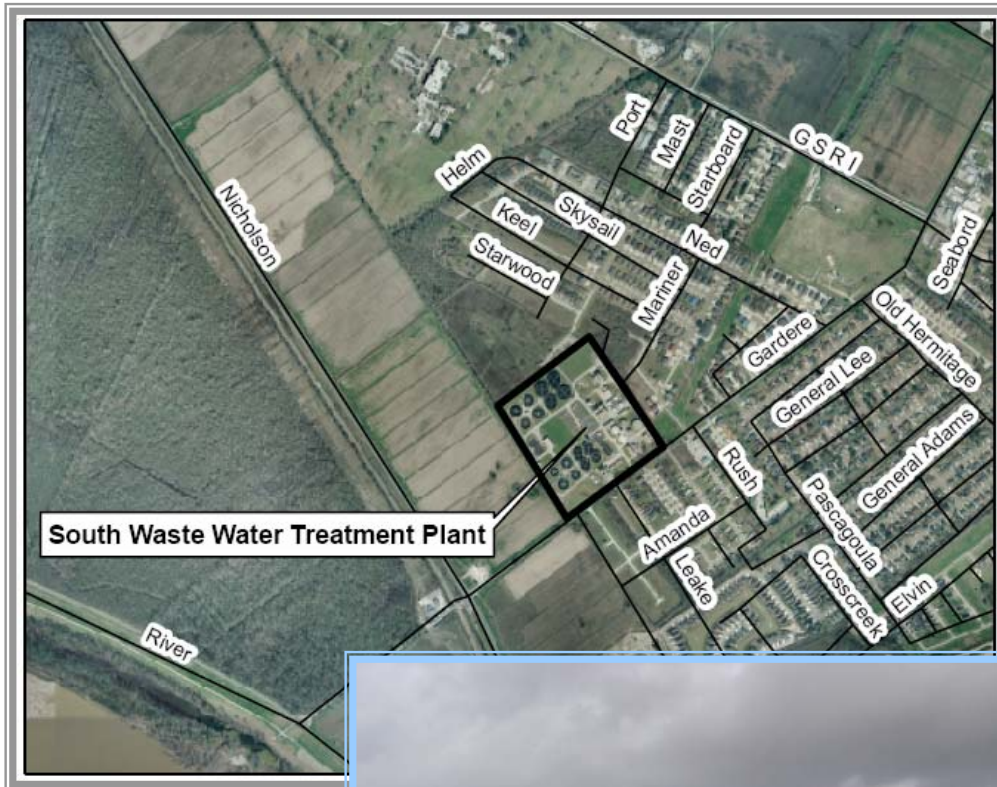
Project Number:	DPWSSO-0015 (DPW#: 06-WT-TP-0063) IAP 5
Project Name	South WWTP Sludge Handling Improvements, IAP #5
Project Description:	The South WWTP Sludge Handling Improvements Project, IAP #5 consists of the rehabilitation of the gravity thickeners, thickened sludge pump station, and gravity belt thickeners, and improvements to site grading, thickener overflow piping, belt filter press filtrate line, snail shell screens, and site piping.
Program Project Manager:	Stephen Bianchetta, P.E.
Design Consultant:	Ken Thomas, P.E., URS Corporation
Project Start Date:	November 2006
Estimated Project End Date:	August 2009

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
South WWTP Sludge Handling Improvements, Immediate Action Project (IAP) #5	4 th Qtr '06	4 th Qtr '09
Consultant Selection	4 th Qtr '06	2 nd Qtr '07
Consultant Negotiations	2 nd Qtr '07	1 st Qtr '08
Design	3 rd Qtr '07	2 nd Qtr '08
Permits	2 nd Qtr '08	4 th Qtr '08
Bid Phase	2 nd Qtr '08	3 rd Qtr '08
Construction	3 rd Qtr '08	4 th Qtr '09

Project Budget

ALLOCATED CITY-PARISH BUDGET				PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Misc.	Program Delivery Plan
\$2,160,000	\$428,800	\$1,721,200	\$10,000	\$5,072,000



**IAP #5
South WWTP
Sludge Handling
Improvements**



Projects Under Design

South WWTP Trickling Filter Improvements Immediate Action Project (IAP) #3

News

- MWH submitted the 90% design in May 2008
- CH2M Hill and DPW reviewed the 90% design in May 2008
- CH2M Hill prepared the 90% standard specifications to be utilized for all IAP projects

Planned Activities

- MWH to submit final contact documents in June 2008
- CH2M Hill to submit final standard specifications in June 2008
- Combine project as one bid and construction package with other IAP projects, and bid in June 2008
- Bid opening to be conducted in July 2008
- Contract award to occur in August 2008

Project Information

Project Number:	DPWSSO-0013 (DPW#: 06-WT-TP-0061) IAP 3
Project Name	South WWTP Trickling Filter Improvements, IAP #3
Project Description:	The South WWTP Trickling Filter Improvements Project, IAP #3 consists of the addition of a trickling filter recirculation pumping station. Also included are associated piping, electrical, and instrumentation improvements.
Program Project Manager:	Stephen Bianchetta, P.E.
Design Consultant:	Ray Rials, P.E., Montgomery Watson Harza (MWH)
Project Start Date:	November 2006
Estimated Project End Date:	August 2009

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
South WWTP Trickling Filter Improvements, Immediate Action Project (IAP) #3	4 th Qtr '06	3 rd Qtr '09
Consultant Selection	4 th Qtr '06	2 nd Qtr '07
Consultant Negotiations	2 nd Qtr '07	3 rd Qtr '07
Design	3 rd Qtr '07	2 nd Qtr '08
Permits	2 nd Qtr '08	3 rd Qtr '08
Bid Phase	2 nd Qtr '08	3 rd Qtr '08
Construction	3 rd Qtr '08	3 rd Qtr '09

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Misc.	Budgeted Contingency	Program Delivery Plan
\$5,400,000	\$600,000	\$4,500,000	\$20,000	\$280,000	\$14,830,000



IAP #3 South WWTP Trickling Filter Improvements



Projects Under Design

SSO Odor Control NWWTP

News

- Finalized equipment procurement packages to City Purchasing for advertisement
- Prepared and submitted example bid forms for each package to DPW

Planned Activities

- DPW to send equipment procurement package to City Purchasing for advertisement
- Equipment procurement packages will be advertised for bids

Project Information

Project Number:	DPWSSO-0020 (DPW#: 07-WT-TP-0058)
Project Name	SSO Odor Control NWWTP
Project Description:	The North Plant Odor Control project will reduce odor problems at the North Plant. The project will include odor control improvements at the North Plant and five pump stations (PS43, PS52, PS371, PS430 and PS509). This system will address odor problems in the collection system and will result in a reduction in odor at the receiving treatment plant.
Program Project Manager:	Matthew Johnson
Design Consultant:	Environmental Engineering Services, Inc.
Project Start Date:	June 2007
Estimated Project End Date:	July 2009

Project Schedule

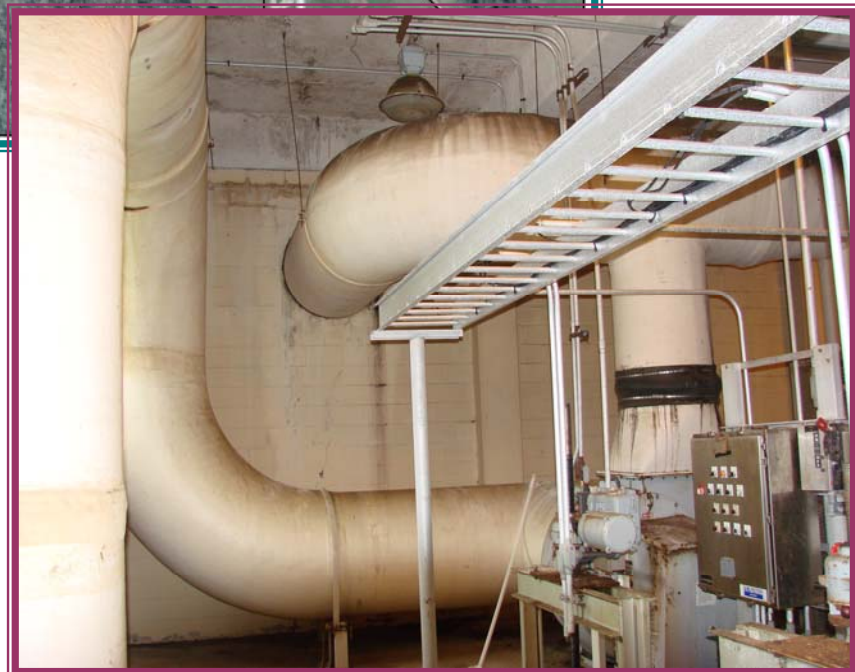
PROJECT SCHEDULE		Start Date	End Date
SSO Odor Control NWWTP		2 nd Qtr '07	3 rd Qtr '09
Equipment Procurement		2 nd Qtr '07	3 rd Qtr '08
Consultant Selection		3 rd Qtr '07	4 th Qtr '07
Consultant Approval		4 th Qtr '07	4 th Qtr '07
Manufacture Equipment		3 rd Qtr '08	1 st Qtr '09
Design		3 rd Qtr '08	4 th Qtr '08
Permitting		3 rd Qtr '08	4 th Qtr '08
Bid Phase		4 th Qtr '08	1 st Qtr '09
Construction		1 st Qtr '09	3 rd Qtr '09

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Misc.	Budgeted Contingency	Program Delivery Plan
\$2,856,730	\$49,500	\$2,331,110	\$10,000	\$466,120	\$2,856,730



Ductwork at the North Wastewater Treatment Plant



Projects Under Design

Capitol Lake Drive – Gayosa Drive

News

- Revised the project definition and discussed changes with Project Team in May 2008
- Received revised Fee Proposal from the Design Consultant
- Began the Consultant contract approval process in May 2008

Planned Activities

- Issue Notice to Proceed for design in late June 2008
- Begin preliminary design phase in June 2008 after the approval process is complete

Project Information

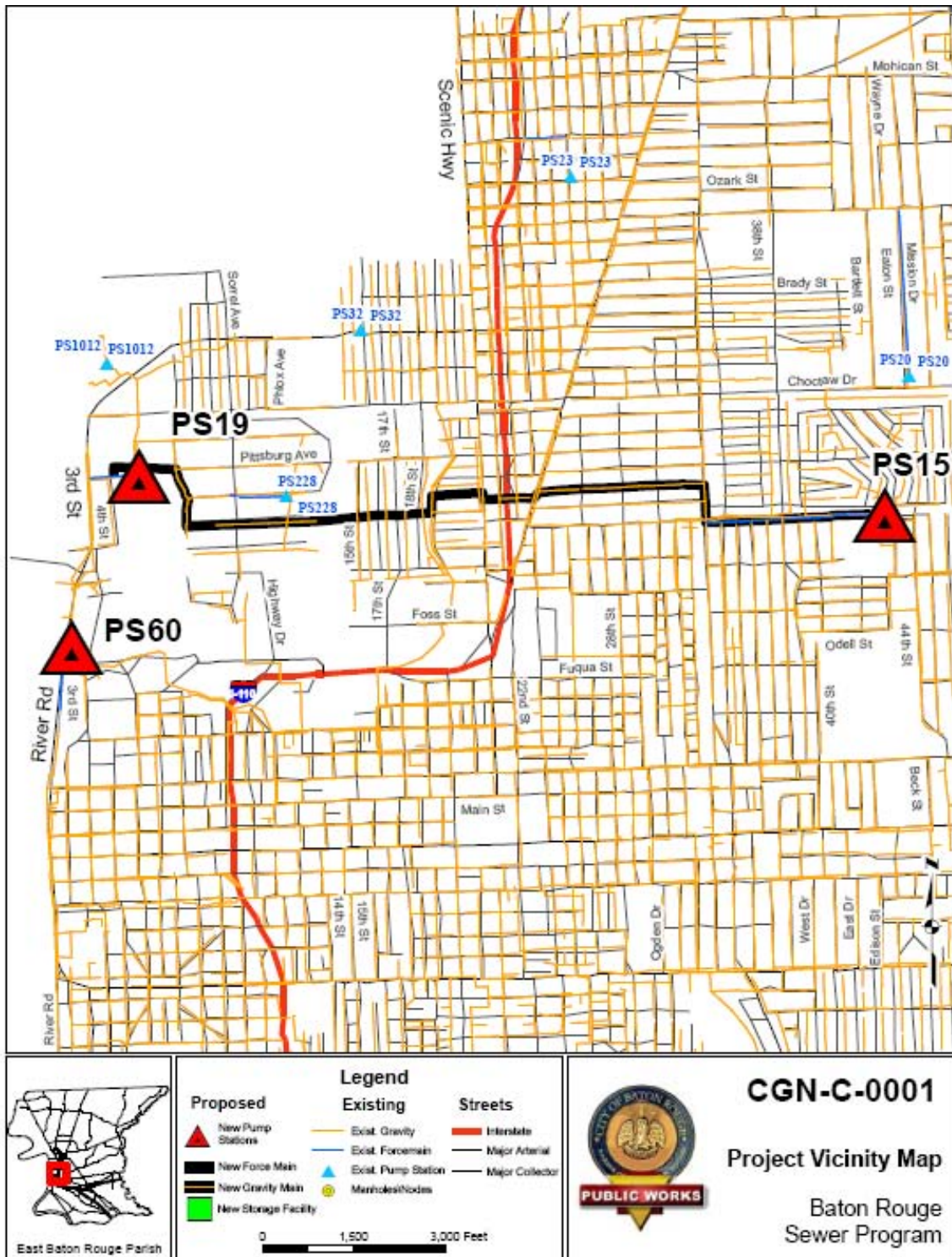
Project Number:	DPWSSO-0017 (DPW#: 07-PS-BD-0048) CGN-C-0001
Project Name	Capitol Lake Drive – Gayosa Drive
Project Description:	This project involves pipe replacement in the Capitol Lake Drive – Gayosa Drive areas. From PS 60, in an easterly direction along Capital Lake Drive, the sewer is currently a 36-inch line. This portion, approximately 4,400 feet, will be replaced with a 48-inch line. This replacement begins west of interstate 110 and north of Spanish Town Road and continues east of interstate 110 to the northern end of North 10 th Street. The remaining 4,800 feet of line will be replaced with 4,700 feet of 30-inch line and 100 feet of 24-inch line along Spanish Town Road, north 16 th Street and Gayosa Street. Approximately 860 feet of existing 8-inch forcemain exiting PS19 along Eiland Drive will be upgraded to a 12-inch forcemain.
Program Project Manager:	Jeremy Fontenot
Design Consultant:	Shread-Kuyrkendall and Associates
Project Start Date:	January 2008
Estimated Project End Date:	January 2011

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
Capitol Lake Drive – Gayosa Street	1 st Qtr '08	1 st Qtr '11
Consultant Selection	1 st Qtr '08	2 nd Qtr '08
Consultant Negotiations	1 st Qtr '08	2 nd Qtr '08
Consultant Contract Approval	2 nd Qtr '08	2 nd Qtr '08
Design	2 nd Qtr '08	4 th Qtr '08
Land Acquisition	3 rd Qtr '08	4 th Qtr '08
Wetlands	3 rd Qtr '08	4 th Qtr '08
Bid Phase	3 rd Qtr '09	4 th Qtr '09
Permitting	3 rd Qtr '09	4 th Qtr '09
Construction	4 th Qtr '09	1 st Qtr '11

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Misc.	Budgeted Inspection	Program Delivery Plan
\$13,500,000	\$800,000	\$12,000,000	\$0	\$700,000	\$7,460,000



Projects Under Design

Gurney Road – Joor Road

News

- Neel-Schaffer, Inc. completed the 30% preliminary engineering phase in April 2008
- Neel-Schaffer, Inc. submitted the 30% preliminary design report which was reviewed by the Program Management Team
- The Program Management Team met with Neel-Schaffer, Inc. to review the 30% preliminary design report
- Neel-Schaffer, Inc. began working on the 60% design phase

Planned Activities

- Neel-Schaffer will finalize and submit the 60% design phase of the project in June 2008

Project Information

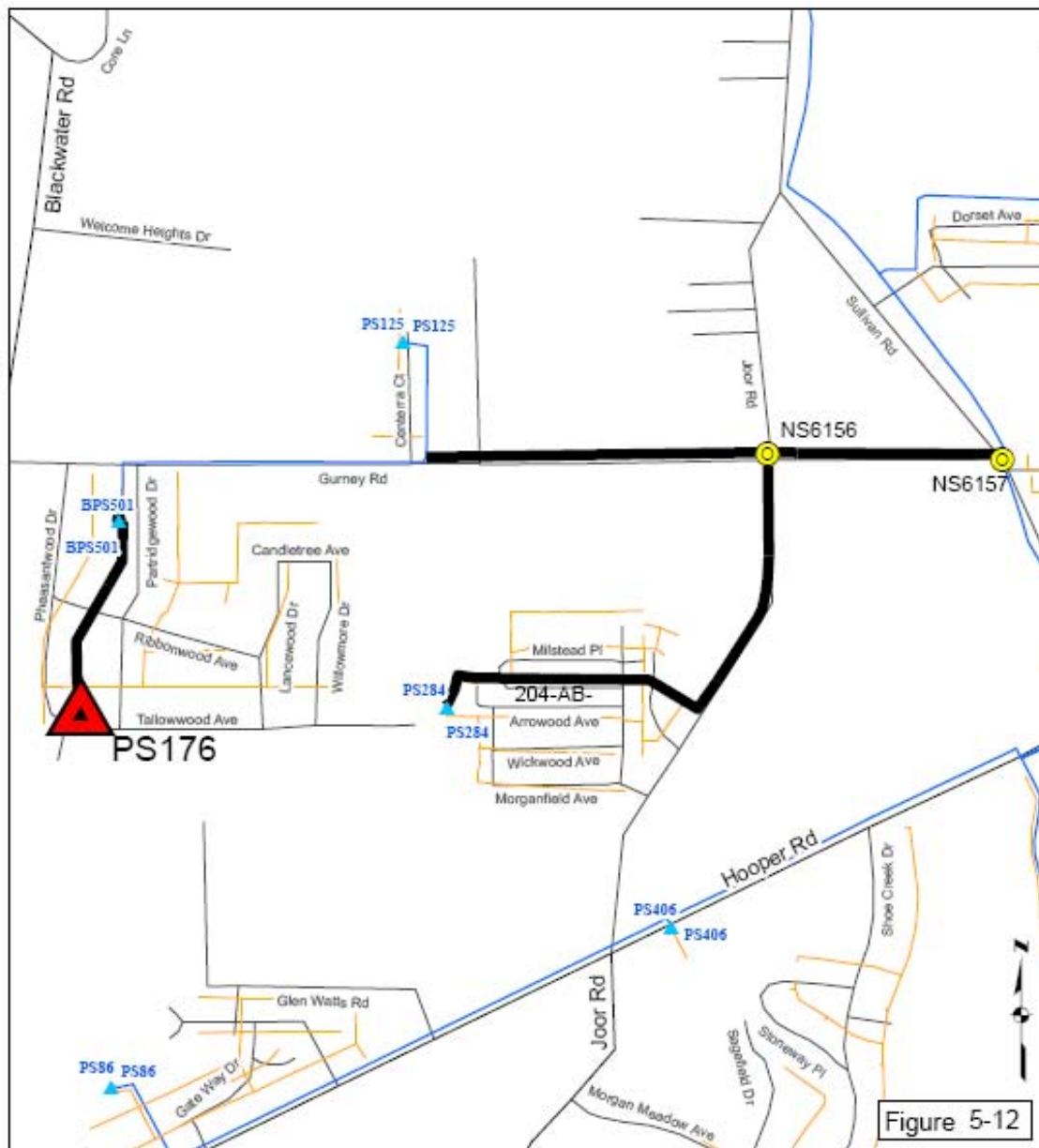
Project Number:	DPWSSO-0024 (DPW#: 07-PS-BD-0017) NFE-C-0001
Project Name	Gurney Road – Joor Road
Project Description:	The Gurney Road – Joor Road project involves replacing PS176 to alleviate SSOs at and near the pump station and force mains exiting PS176 and PS284. PS176 will be sized to meet future peak wet weather flow. PS176 is located on the south side of Tallowood Avenue between the intersections of Pheasantwood Drive and Partridgewood Drive. The majority of the area contributing to the pump station is residential. Forcemain segment PS176 to NS6157 runs from Partridgewood Drive to Gurney Road and terminates at Sullivan Road for approximately 11,000 feet. Forcemain segment PS284 to NS6156 runs from Arrowood Avenue to Joor Road and terminates at Gurney Road for approximately 6,700 feet.
Program Project Manager:	Jeff Duplantis, P.E.
Design Consultant:	Jerry Trumps, Neel-Schaffer, Inc.
Project Start Date:	January 2008
Estimated Project End Date:	August 2010

Project Schedule

PROJECT SCHEDULE		Start Date	End Date
Gurney Road – Joor Road		1 st Qtr '08	3 rd Qtr '10
Design		1 st Qtr '08	3 rd Qtr '08
Permits		3 rd Qtr '08	4 th Qtr '08
Bid Phase		4 th Qtr '08	1 st Qtr '09
Construction		1 st Qtr '09	3 rd Qtr '10

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Right-of-Way Acquisition.	Budgeted Project Inspection	Program Delivery Plan
\$4,800,000	\$360,000	\$4,200,000	\$50,000	\$190,000	\$4,740,000



East Baton Rouge Parish

Legend

Proposed	Existing	Streets
▲ New Pump Stations	— Exist. Gravity	— Interstate
— New Force Main	— Exist. Force Main	— Major Arterial
— New Gravity Main	▲ Exist. Pump Station	— Major Collector
■ New Storage Facility	● Manholes/Nodes	

0 1,000 2,000 Feet

NFE-C-0001
Project Vicinity Map
Baton Rouge Sewer Program

Projects Under Design

Multiple Pump Stations – Lovett Road Area

News

- Hartman Engineering completed the 30% preliminary engineering phase in April 2008
- Hartman Engineering submitted the 30% preliminary design report which was reviewed by the Program Management Team
- The Program Management Team met with Hartman Engineering to review the 30% preliminary design report
- Hartman Engineering began working on the 60% design phase

Planned Activities

- Hartman Engineering will finalize and submit the 60% design phase of the project in June 2008

Project Information

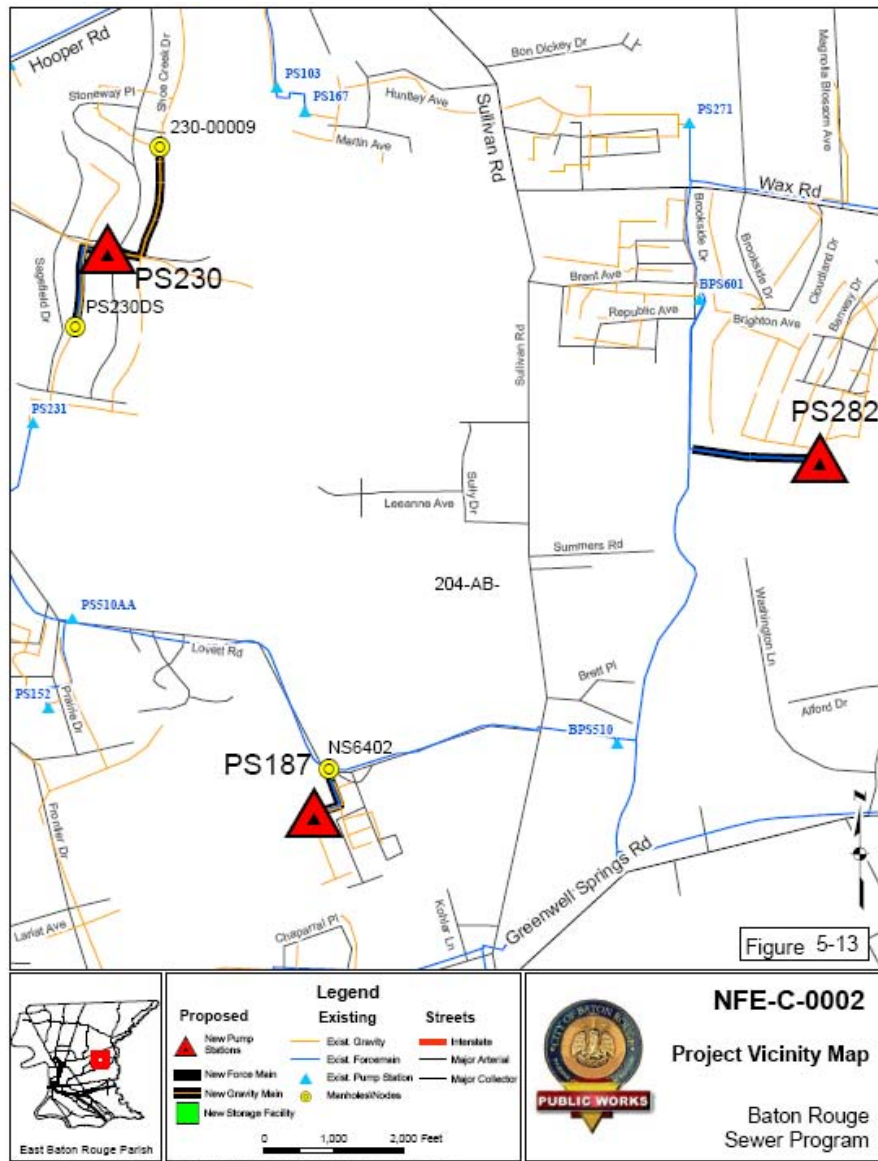
Project Number:	DPWSSO-0025 (DPW#: 07-PS-BD-0018) NFE-C-0002
Project Name	Multiple Pump Stations – Lovett Road Area
Project Description:	<p>PS230 is located along Morgan Meadow Avenue, east of the intersection of Morgan Meadow Avenue and Shoe Creek Drive. Forcemain segment PS230 to PS230DS goes down Morgan Meadow Avenue for approximately 1,200 feet. Gravity segment PS230 to 230-00009 runs from Morgan Meadow Avenue then turns on Sagefield Drive and terminates for approximately 2,100 feet.</p> <p>PS282 is located at the end of Regent Avenue, east of the intersection of Regent Avenue and Trendale Drive. The majority of the area contributing to the pump station is residential. Forcemain segment PS282 to PS601 goes through a wooded area crossing an unnamed channel, then turns and follows the channel bank and terminates near Brighton Avenue for approximately 4,200 feet.</p> <p>PS187 is located at the end of Clear Oak Avenue, just east of the intersection of Clear Oak Avenue and Oak Meadow Drive. The majority of the area contributing to the pump station is residential. Forcemain segment PS187 to NS6402 goes down Clear Oak Avenue then turns on Woods Edge Drive and terminates at Lovett Road for approximately 1,100 feet.</p> <p>The project is to replace PS230, PS282, PS187 to alleviate SSOs at the pump stations as well as the forcemain existing at PS230, PS282, PS187. Replacement of a portion of the gravity main upstream of PS230 is also included. The Program model predicts a pump station capacity exceedance for the future peak wet weather flow at PS320, PS282 and PS187; therefore, the pump stations shall be sized for the future peak wet weather flows.</p>
Program Project Manager:	Jeff Duplantis, P.E.
Design Consultant:	Justin Bottger, P.E., Hartman Engineering
Project Start Date:	January 2008
Estimated Project End Date:	January 2010

Project Schedule

PROJECT SCHEDULE		Start Date	End Date
Multiple Pump Stations – Lovett Road Area		1 st Qtr '08	1 st Qtr '10
Design		1 st Qtr '08	3 rd Qtr '08
Bid Phase		3 rd Qtr '08	4 th Qtr '08
Permitting		3 rd Qtr '08	4 th Qtr '08
Construction		1 st Qtr '09	1 st Qtr '10

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Right-of-Way Acquisition.	Budgeted Project Inspection	Program Delivery Plan
\$5,200,000	\$450,000	\$4,500,000	\$100,000	\$150,000	\$5,090,000



Projects Under Design

Comite Road – Foster Road

News

- Monroe & Corie submitted a proposal for the revised base scope and the supplemental work along Comite Drive
- The supplemental proposal was approved by the Program Management Team and was submitted to the Metro Council for approval
- Metro Council approved Monroe & Corie's supplemental proposal in May 2008

Planned Activities

- Monroe & Corie to begin the 30% preliminary engineering phase
- Monroe & Corie to submit the 30% preliminary design report in July 2008

Project Information

Project Number:	DPWSSO-0026 (DPW#: 07-PS-BD-0019) NFE-C-0003
Project Name	Comite Road – Foster Road
Project Description:	<p>The Comite Road – Foster Road project involves replacing PS291 and PS246 to alleviate SSOs at and near the pump stations and nearby forcemains. In addition, the new pump stations will meet future peak wet weather flow, avoiding exceedances predicted on recent models.</p> <p>PS291 pump station is located along Misty Oaks Avenue, west of the intersection of Misty Oaks Avenue and Lazy Oak Drive. The majority of the area contributing to the pump station is residential. Forcemain segment PS291 to NS6232 runs from Misty Oaks Avenue to Whispering Oaks Avenue, then proceeds on Comite Road and Foster Road, and terminates just north of North Park for approximately 14,000 feet. PS291 has an existing total maximum capacity of 0.1 mgd. According to the BTRSSO hydraulic model, the existing dry weather flow to the pump station is 0.1 mgd, and the peak future wet weather flow is 0.3 mgd.</p> <p>PS246 pump station is located at the eastern end of Holly Fern Avenue, east of the intersection of Holly Fern Avenue and Green Gate Drive. The majority of the area contributing to the pump station is residential. Forcemain segment PS246 to NS6211 runs from Green Gate Drive and to Foster Road for approximately 1,800 feet.</p>
Program Project Manager:	Jeff Duplantis, P.E.
Design Consultant:	Bill Monroe, P.E., Monroe & Corie
Project Start Date:	March 2008
Estimated Project End Date:	October 2010

Project Schedule

PROJECT SCHEDULE		
	Start Date	End Date
Comite Road – Foster Road	1 st Qtr '08	4 th Qtr '10
Consultant Negotiations	1 st Qtr '08	1 st Qtr '08
Consultant Contract Approval	1 st Qtr '08	2 nd Qtr '08
Design	2 nd Qtr '08	4 th Qtr '08

Land Acquisition	2 nd Qtr '08	2 nd Qtr '09
Wetlands	2 nd Qtr '08	4 th Qtr '08
Bid Phase	2 nd Qtr '09	3 rd Qtr '09
Permitting	3 rd Qtr '08	4 th Qtr '08
Construction	4 th Qtr '09	4 th Qtr '10

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Right-of-Way Acquisition.	Budgeted Project Inspection	Program Delivery Plan
\$3,200,000	\$280,000	\$2,785,402	\$50,000	\$84,598	\$3,170,000



Projects Under Design

Foster Road – Hooper Road

News

- Issued a Notice to Proceed for design to PEC in April 2008
- Conducted startup meeting with PEC
- PEC began 30% preliminary engineering phase

Planned Activities

- PEC to submit 30% preliminary design report in June 2008

Project Information

Project Number:	DPWSSO-0027 (DPW#: 06-WT-TP-0058) NFE-C-0004
Project Name	Foster Road – Hooper Road
Project Description:	<p>The Foster Road – Hooper Road project involves increasing the capacity of the STN forcemain system and the manifold pump station forcemains along Foster Road and Hooper Road to assist in transferring high flows to the main STN forcemain along Hooper Road.</p> <p>Forcemain segment PS94 to NS6251 goes down Anderson Avenue, turning on Fieldcrest Drive onto Price Avenue to Windcrest Avenue and terminates at Foster Road for approximately 5,300 feet.</p> <p>Forcemain segment PS255 to NS6289 goes down Ardson Drive then onto Blackwater Road and terminates at Hooper Road for approximately 7,600 feet.</p> <p>Forcemain segment PS196 to NS6281 goes down Shady Bluff Drive and terminates at Hooper Road for approximately 5,200 feet.</p> <p>Forcemain segment BP5507 to NS6247 goes down Hooper Road and terminates at Lovett Road for approximately 12,000 feet.</p> <p>Forcemain segment BP5511 to NS6334 goes down Hooper Road and terminates at Foster Road for approximately 5,600 feet.</p> <p>Forcemain segment NS6306 to NS6334 goes down Foster Road and terminates at Hooper Road for approximately 1,200 feet.</p>
Program Project Manager:	Jeff Duplantis, P.E.
Design Consultant:	Tony Arikol, P.E., Professional Engineering Consultants, Inc. (PEC)
Project Start Date:	February 2008
Estimated Project End Date:	November 2010

Project Schedule

PROJECT SCHEDULE		Start Date	End Date
Foster Road – Hooper Road		1 st Qtr '08	4 th Qtr '10
Consultant Negotiations		1 st Qtr '08	1 st Qtr '08
Consultant Contract Approval		1 st Qtr '08	2 nd Qtr '08
Design		2 nd Qtr '08	4 th Qtr '08
Land Acquisition		2 nd Qtr '08	3 rd Qtr '09

Wetlands	2 nd Qtr '08	1 st Qtr '09
Bid Phase	3 rd Qtr '09	4 th Qtr '09
Permitting	3 rd Qtr '08	4 th Qtr '08
Construction	4 th Qtr '09	4 th Qtr '10

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Right-of-Way Acquisition.	Budgeted Project Inspection	Program Delivery Plan
\$9,400,000	\$600,000	\$8,300,000	\$0	\$500,000	\$5,990,000



Exhibit 1

<p>East Baton Rouge Parish</p>	<p>Proposed</p> <ul style="list-style-type: none"> ▲ New Pump Stations New Force Main New Gravity Main New Storage Facility 	<p>Existing</p> <ul style="list-style-type: none"> Exist. Gravity Exist. Forcemain ▲ Exist. Pump Station ● Manholes/Nodes Property Boundary 	<p>NFE-C-0004 (Rev 1 - 02/01/08)</p> <p>Project Base Map</p> <p>Baton Rouge Sewer Program</p>
	<p>0 100 200 Feet</p>		

Projects Under Design

Staring Lane Forcemain – PS58 Improvements

News

- Received and reviewed the 30% design submittal (plan and profile) from Monroe & Corie, Inc.
- Discussed comments on the 30% submittal with the Program Management Team

Planned Activities

- Receive and review the 60% design submittal in July 2008
- Hold a review meeting to discuss comments on the 60% design submittal with the Program Management Team in July 2008

Project Information

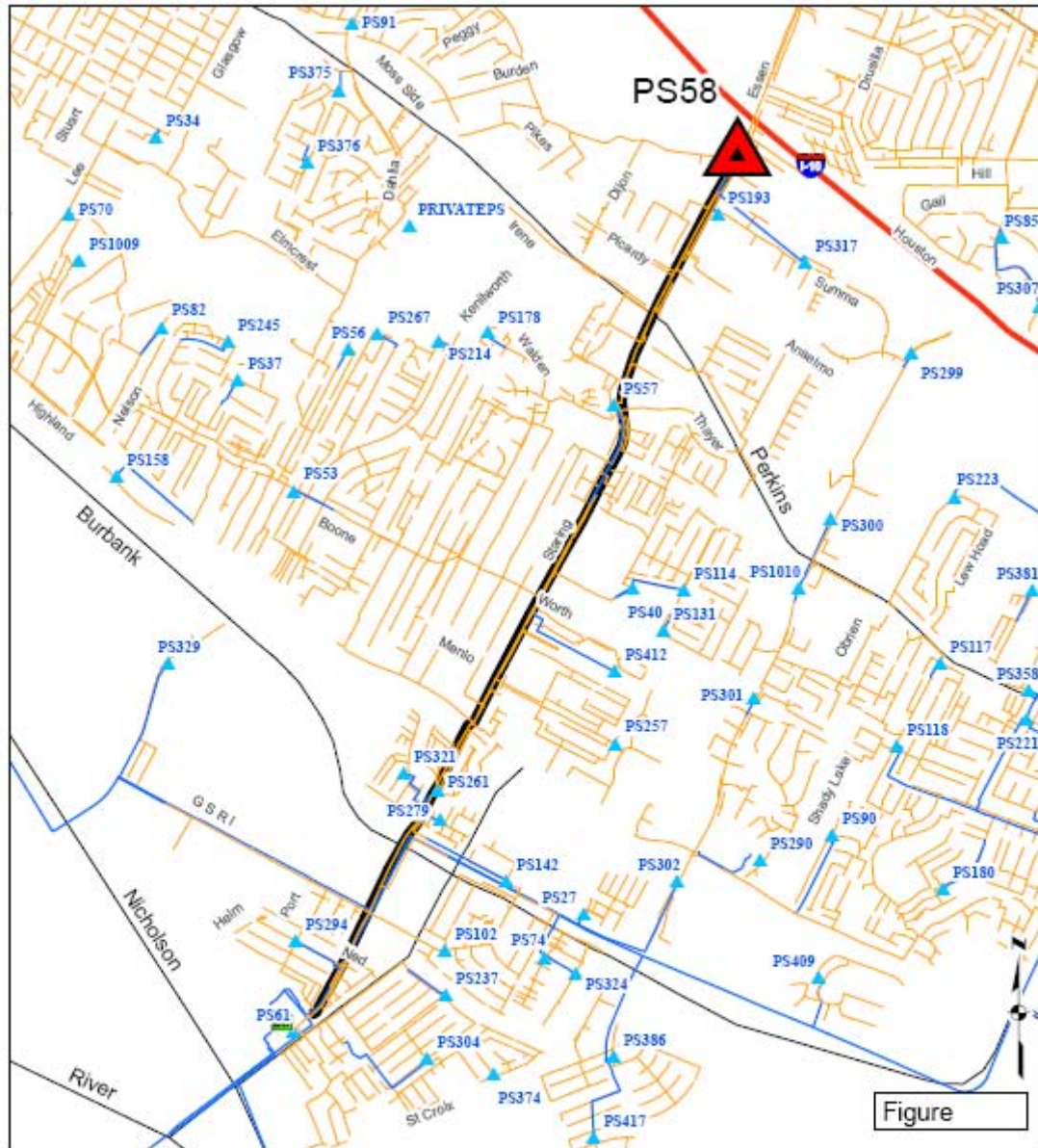
Project Number:	DPWSSO-0043 SGC-C-PS58
Project Name	Staring Lane Forcemain – PS58 Improvements
Project Description:	This project involves installing a new forcemain from PS58 to PS61 at the South WWTP that starts at the intersection of Essen Lane and Essen Park and runs in a southerly direction along Essen Lane continuing on Staring Lane. The forcemain will continue beyond the end of Staring Lane to PS61. PS58 is located at the intersection of Essen Lane and Essen Park.
Program Project Manager:	Jeremy Fontenot
Design Consultant:	Bill Monroe, P.E., Monroe & Corie, Inc.
Project Start Date:	April 2008
Estimated Project End Date:	May 2011

Project Schedule

PROJECT SCHEDULE		Start Date	End Date
Staring Lane Forcemain – PS58 Improvements		2 nd Qtr '08	2 nd Qtr '11
Design		2 nd Qtr '08	4 th Qtr '08
Construction		4 th Qtr '08	2 nd Qtr '11

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Right-of-Way Acquisition.	Budgeted Project Inspection	Program Delivery Plan
\$1,288,447	\$1,288,447	\$0	\$0	\$0	\$2,200,000



East Baton Rouge Parish

Legend

Proposed	Existing	Streets
▲ New Pump Stations	— Exist. Gravity	— Interstate
 New Force Main	— Exist. Forcemain	— Major Arterial
 New Gravity Main	▲ Exist. Pump Station	— Major Collector
 New Storage Facility	● Manholes/Nodes	

0 2,500 5,000 Feet

SGC-C-PS58
Project Vicinity Map
Baton Rouge Sewer Program

Projects Under Design

Citiplace/Essen Lane Area – PS119 Forcemain Improvements

News

- Consultant selection was made on May 29, 2008 and negotiations began

Planned Activities

- Finalize consultant negotiations in July 2008

Project Information

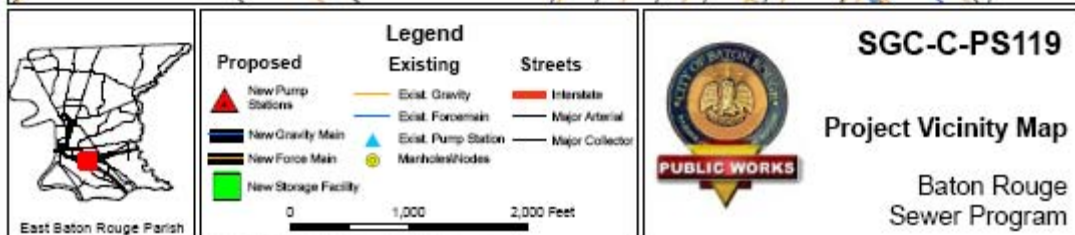
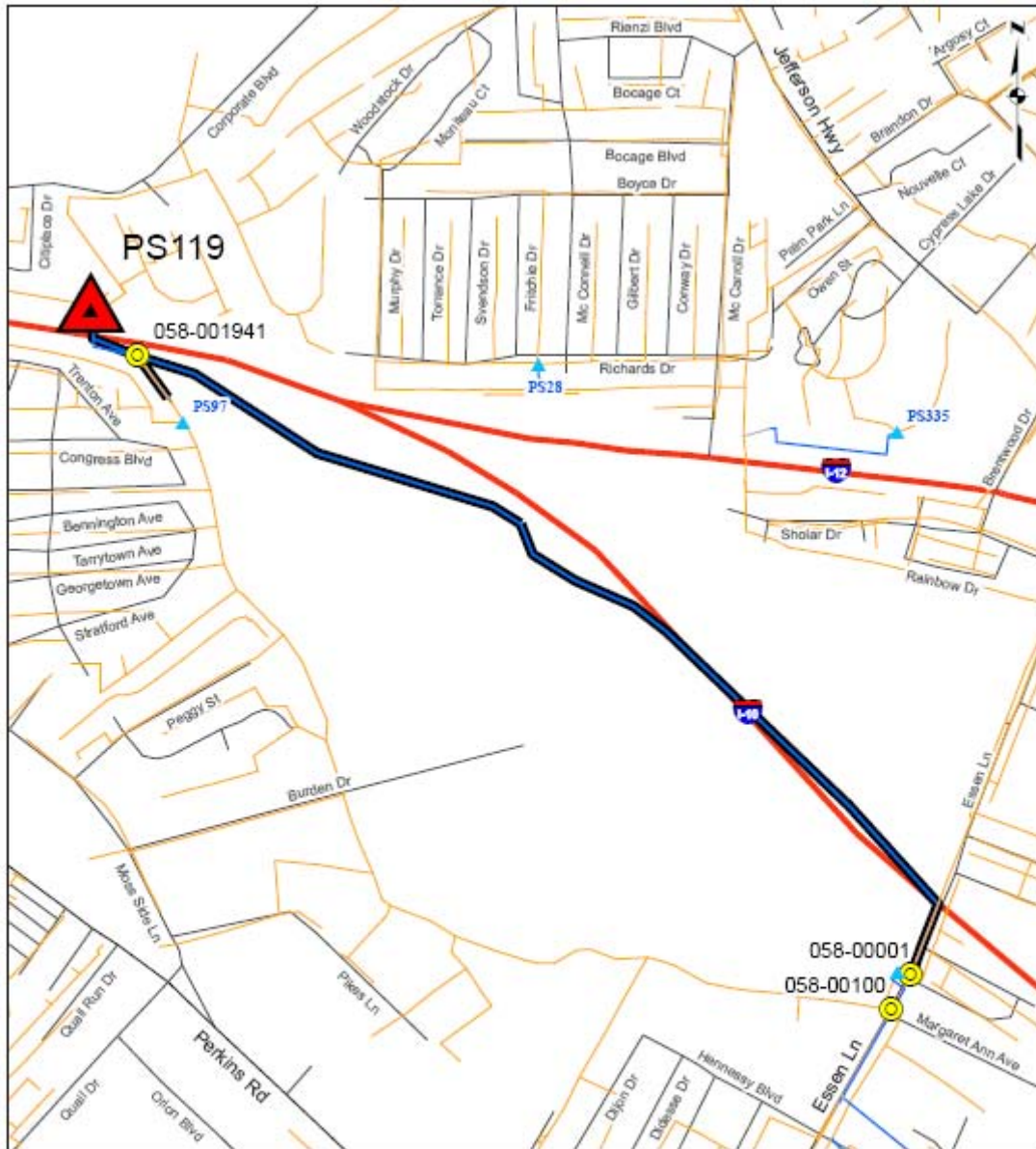
Project Number:	DPWSSO-0036 SGC-C-PS119
Project Name	Citiplace/Essen Lane Area – PS119 Forcemain Improvements
Project Description:	The project involves implementing forcemain improvements beginning at PS 119 in the Citiplace Shopping Center near the United Artists Citiplace Theatre on Corporate Drive. As much as 10,500 linear feet of 12-inch forcemain will be designed to connect to the existing forcemain on the west side of I-10 bypassing MH 058-00194T and cross the creek toward the convergence of I-10 and I-12. Then the new forcemain proceeds south following the western right-of-way line of I-10 to the intersection of Essen Lane. At Essen Lane, the forcemain will proceed west along the northern Essen Lane right-of-way to terminate at PS 58. PS 58 is located at the entrance to the Louisiana Department of Agriculture Rural Life Museum a few hundred feet from I-10.
Program Project Manager:	Floyd Younger
Design Consultant:	To be determined
Project Start Date:	February 2008
Estimated Project End Date:	January 2011

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
Citiplace/Essen Area PS119 Forcemain Improvements	1 st Qtr '08	1 st Qtr '11
Consultant Selection	1 st Qtr '08	2 nd Qtr '08
Consultant Negotiations	2 nd Qtr '08	3 rd Qtr '08
Consultant Contract Approval	3 rd Qtr '08	3 rd Qtr '08
Design	3 rd Qtr '08	1 st Qtr '09
Land Acquisition	3 rd Qtr '08	1 st Qtr '09
Wetlands	4 th Qtr '08	3 rd Qtr '09
Permits	4 th Qtr '08	3 rd Qtr '09
Bid Phase	3 rd Qtr '09	4 th Qtr '09
Construction	4 th Qtr '09	1 st Qtr '11

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Right-of-Way Acquisition.	Budgeted Project Inspection	Program Delivery Plan
\$5,811,553	\$750,000	\$5,061,553	\$0	\$0	\$3,170,000



Projects Under Design

Highland Road – Burbank Drive

News

- Consultant selection negotiations in process
- Project definition finalized

Planned Activities

- Notice to proceed for design
- Determine preliminary routing

Project Information

Project Number:	DPWSSO-0035 SFL-C-0005
Project Name	Highland Road – Burbank Drive
Project Description:	This project consists of implementing forcemain upgrades to the South Forced Lower Basin and includes upsizing of approximately 50,000 feet forcemain in an area that extends north to the intersection of Jefferson Highway and Tiger Bend Road and continues south to the South WWTP on Gardere Lane.
Program Project Manager:	Ruhan Isim
Design Consultant:	To be determined
Project Start Date:	March 2008
Estimated Project End Date:	February 2011

Project Schedule

PROJECT SCHEDULE		Start Date	End Date
Highland Road – Burbank Drive		1 st Qtr '08	1 st Qtr '11
	Consultant Selection	1 st Qtr '08	2 nd Qtr '08
	Consultant Negotiations	2 nd Qtr '08	3 rd Qtr '08
	Consultant Contract Approval	3 rd Qtr '08	3 rd Qtr '08
	Design	3 rd Qtr '08	2 nd Qtr '09
	Land Acquisition	4 th Qtr '08	4 th Qtr '09
	Wetlands	4 th Qtr '08	2 nd Qtr '09
	Bid Phase	3 rd Qtr '09	1 st Qtr '09
	Permitting	4 th Qtr '08	2 nd Qtr '09
	Construction	1 st Qtr '10	1 st Qtr '11

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Right-of-Way Acquisition.	Budgeted Project Inspection	Program Delivery Plan
\$900,000	\$900,000	\$0	\$0	\$0	\$14,880,000



Figure 3-36

East Baton Rouge Parish

Legend

Proposed	Existing	Streets
▲ New Pump Stations	— East. Gravity	— Interstate
— New Force Main	— East. Force Main	— Major Arterial
— New Gravity Main	▲ East. Pump Station	— Major Collector
■ New Storage Facility	● Manhole/Nodes	

0 0.5 1 Miles

SFL-C-0005
Project Vicinity Map
Baton Rouge Sewer Program

Projects Under Design

South Boulevard – St. Joseph Street

News

- Researched existing documents for project definition package
- Completed project specific workplan and quality control plan
- Completed field verification to evaluate constructability issues

Planned Activities

- Revise project definition package for DPW review
- Meet with design consultant and DPW for a pre-proposal meeting in June 2008
- Begin consultant negotiation process in June 2008

Project Information

Project Number:	DPWSSO-0018 CGN-C-0003
Project Name	South Boulevard – St. Joseph Street
Project Description:	This project involves implementing forcemain improvements to PS 59 and PS 10. PS 59 is located beneath the Interstate 10 bridge. Upstream of PS59, the existing sewer ranges in size from 36 inches to 10 inches. This sewer will be replaced with lines ranging in size from 42 inches to 15 inches. PS10 is located on East Lakeshore Drive at the Southeasterly corner of City Park. The existing 4,500 feet of 8-inch forcemain and existing PS10 is scheduled for upgrade to 12-inch force main.
Program Project Manager:	Jeremy Fontenot
Design Consultant:	To be determined
Project Start Date:	March 2008
Estimated Project End Date:	March 2011

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
South Boulevard – St. Joseph Street	1 st Qtr '08	1 st Qtr '11
Consultant Selection	1 st Qtr '08	2 nd Qtr '08
Consultant Negotiations	2 nd Qtr '08	2 nd Qtr '08
Consultant Contract Approval	2 nd Qtr '08	3 rd Qtr '08
Design	3 rd Qtr '08	1 st Qtr '09
Land Acquisition	4 th Qtr '08	4 th Qtr '09
Wetlands	4 th Qtr '08	2 nd Qtr '09
Bid Phase	4 th Qtr '09	1 st Qtr '10
Permitting	4 th Qtr '08	2 nd Qtr '09
Construction	1 st Qtr '10	1 st Qtr '11

Projects Under Design

North Capacity Group Project 1

News

- Developed draft project definition package

Planned Activities

- Select design consultant
- Consultant negotiations ongoing through July 2008

Project Information

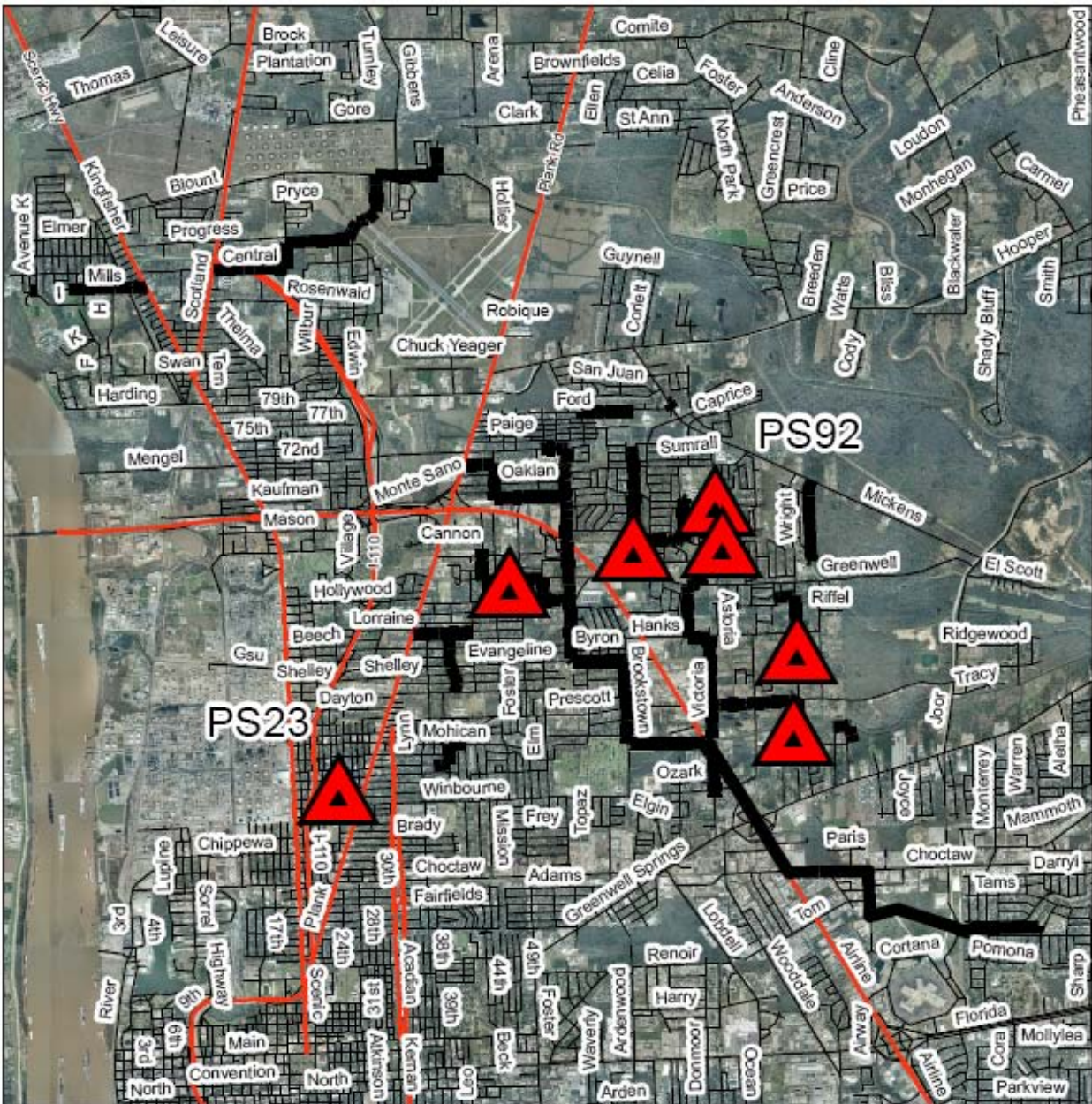
Project Number:	DPWSSO-0039 NGS-C-0001, NFW-C-0005, NFW-C-0006, NFW-C-0008
Project Name	North Capacity Group Project 1
Project Description:	North Capacity Group Project 1 is a combination of four individual projects identified in the Program Delivery Plan, dated January 2008. NGS-C-0001 (Progress Road-Baton Rouge Metro Airport), NFW-C-0005 (Airline Highway – Victoria Drive), NFW-C-0006 (McClelland Drive – Glen Oaks Drive), and NFW-C-0008 (Multiple PSs – Airline Highway – Greenwell Street), involve the upgrades of gravity collection system segments, forcemain segments and pumps stations in the North Gravity and North Forced West Basin. The project consists of capacity upgrades to the following pump stations: PS47, PS92, PS39, PS55, PS54, and PS23. Also included in the project is the construction of approximately 82,000 linear feet of gravity sewer pipe and 14,000 linear feet of sanitary sewer forcemain.
Program Project Manager:	Obie Watts, P.E.
Design Consultant:	To be determined
Project Start Date:	March 2008
Estimated Project End Date:	March 2012

Project Schedule

PROJECT SCHEDULE		Start Date	End Date
North Capacity Group Project 1		1 st Qtr '08	1 st Qtr '12
Consultant Selection		1 st Qtr '08	2 nd Qtr '08
Consultant Negotiations		3 rd Qtr '08	3 rd Qtr '08
Consultant Contract Approval		3 rd Qtr '08	4 th Qtr '08
Design		4 th Qtr '08	3 rd Qtr '09
Land Acquisition		4 th Qtr '08	3 rd Qtr '10
Wetlands		4 th Qtr '08	4 th Qtr '09
Bid Phase		3 rd Qtr '10	1 st Qtr '11
Permitting		4 th Qtr '08	4 th Qtr '09
Construction		1 st Qtr '11	1 st Qtr '12

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Name	Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Project Inspection	Program Delivery Plan
Progress Rd – Metro Air.		Included in total below			\$11,300,000
Airline Hwy – Victoria Dr		Included in total below			\$15,820,000
McClelland– Glen Oaks		Included in total below			\$20,400,000
Airline –Greenwell (PSs)		Included in total below			\$ 8,250,000
	\$55,770,000	\$3,490,000	\$49,300,000	\$2,980,000	\$55,770,000



Projects Under Design

Downtown Area – PS15, PS19, and PS60 Improvements

News

- Met with DPW and project manager to finalize RFQ
- Started consultant selection process
- Obtained data on pump station and field reconnaissance

Planned Activities

- Working on draft project definition
- Consultant selection in process

Project Information

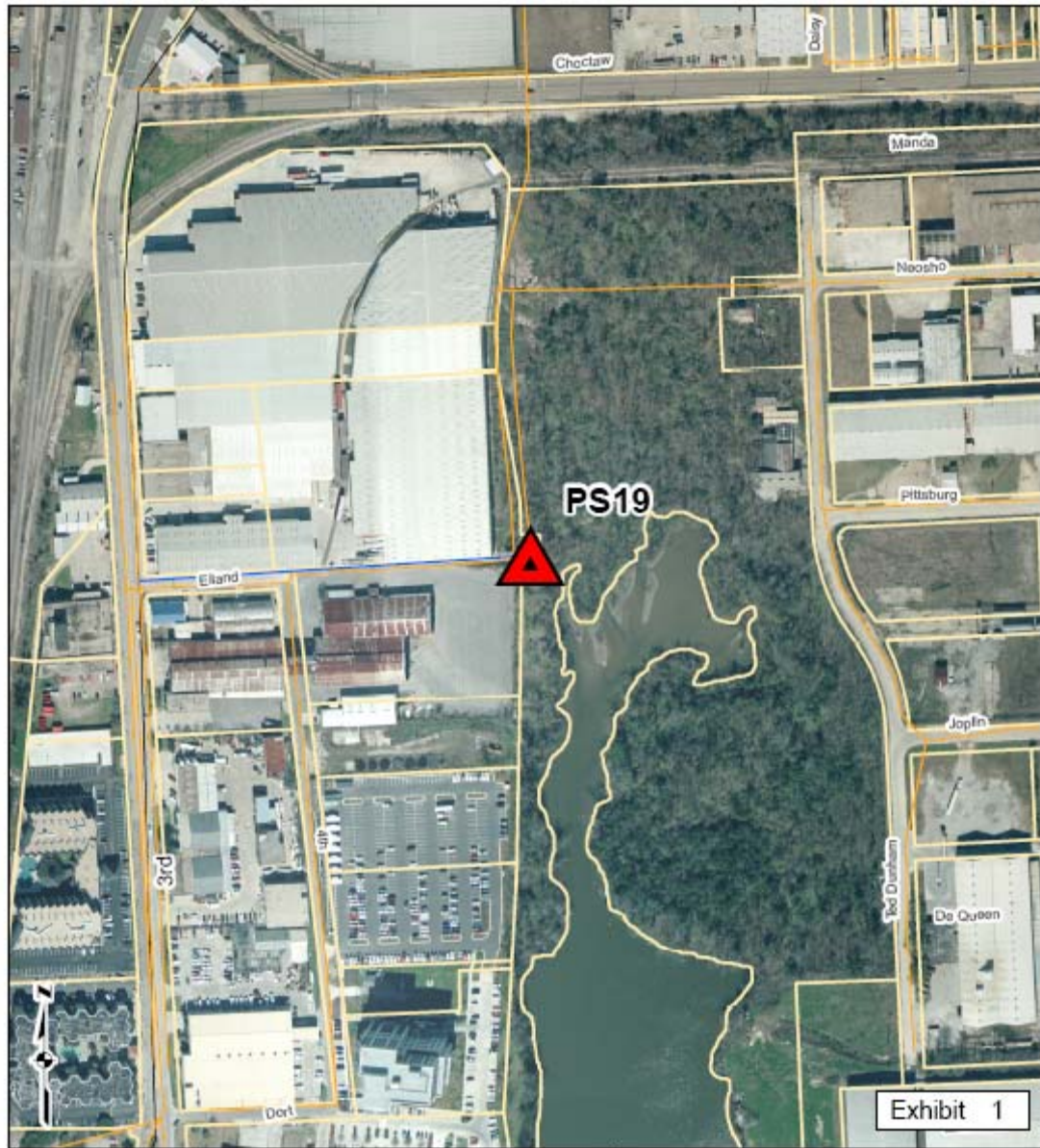
Project Number:	DPWSSO-0021 CGN-C-0005
Project Name	Downtown Area – PS15, PS19, and PS60 Improvements
Project Description:	This project involves upgrading three pump stations to alleviate SSOs at and near PS15, PS19, and PS60. PS15 is located along Washington Street, south of the intersection of Washington Street and West Belfair Drive. The majority of the area contributing to this pump station is residential and commercial. PS19 pump station is located on Eiland Drive near the intersection of 4th Street. The majority of the area contributing to the pump station is residential. PS60 is located along River Road North, north of State Capitol Drive. The majority of the area contributing to the pump station is residential and commercial.
Program Project Manager:	Fernando (Fred) Estevez, P.E.
Design Consultant:	To be determined
Project Start Date:	March 2008
Estimated Project End Date:	September 2012

Project Schedule

PROJECT SCHEDULE		Start Date	End Date
Downtown Area – PS15, PS19 and PS60 Improvements		1 st Qtr '08	3 rd Qtr '12
Consultant Selection		1 st Qtr '08	3 rd Qtr '08
Consultant Negotiations		3 rd Qtr '08	3 rd Qtr '08
Consultant Contract Approval		3 rd Qtr '08	3 rd Qtr '08
Design		3 rd Qtr '08	3 rd Qtr '09
Land Acquisition		4 th Qtr '08	1 st Qtr '10
Wetlands		4 th Qtr '08	4 th Qtr '09
Permits		2 nd Qtr '09	2 nd Qtr '09
Bid Phase		4 th Qtr '09	1 st Qtr '10
Construction		1 st Qtr '10	3 rd Qtr '12

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Right-of-Way Acquisition	Budgeted Project Inspection	Program Delivery Plan
\$6,330,000	\$390,000	\$5,600,000	\$0	\$340,000	\$6,330,000



East Baton Rouge Parish

Legend

Proposed	Existing
▲ New Pump Stations	 Exist. Gravity
 New Force Main	 Exist. Forcemain
 New Gravity Main	▲ Exist. Pump Station
 New Storage Facility	 Manholes/Nodes
	 Property Boundary

0 200 400 Feet

CGN-C-0005
Project Base Map
Baton Rouge Sewer Program

Projects Under Design

South Capacity Group 2 Project

News

- Draft project definition prepared by CH2M HILL in May 2008
- RFQ/Consultant selection postponed by DPW
- Continued work on Booster Pump Station 514

Planned Activities

- Complete re-analysis of Booster Pump Station 514 in June 2008
- Consultant selection will occur in June 2008
- Draft project definition to be submitted to DPW in June 2008
- Consultant negotiation will occur in June 2008
- Consultant contract approval will occur in July and August 2008

Project Information

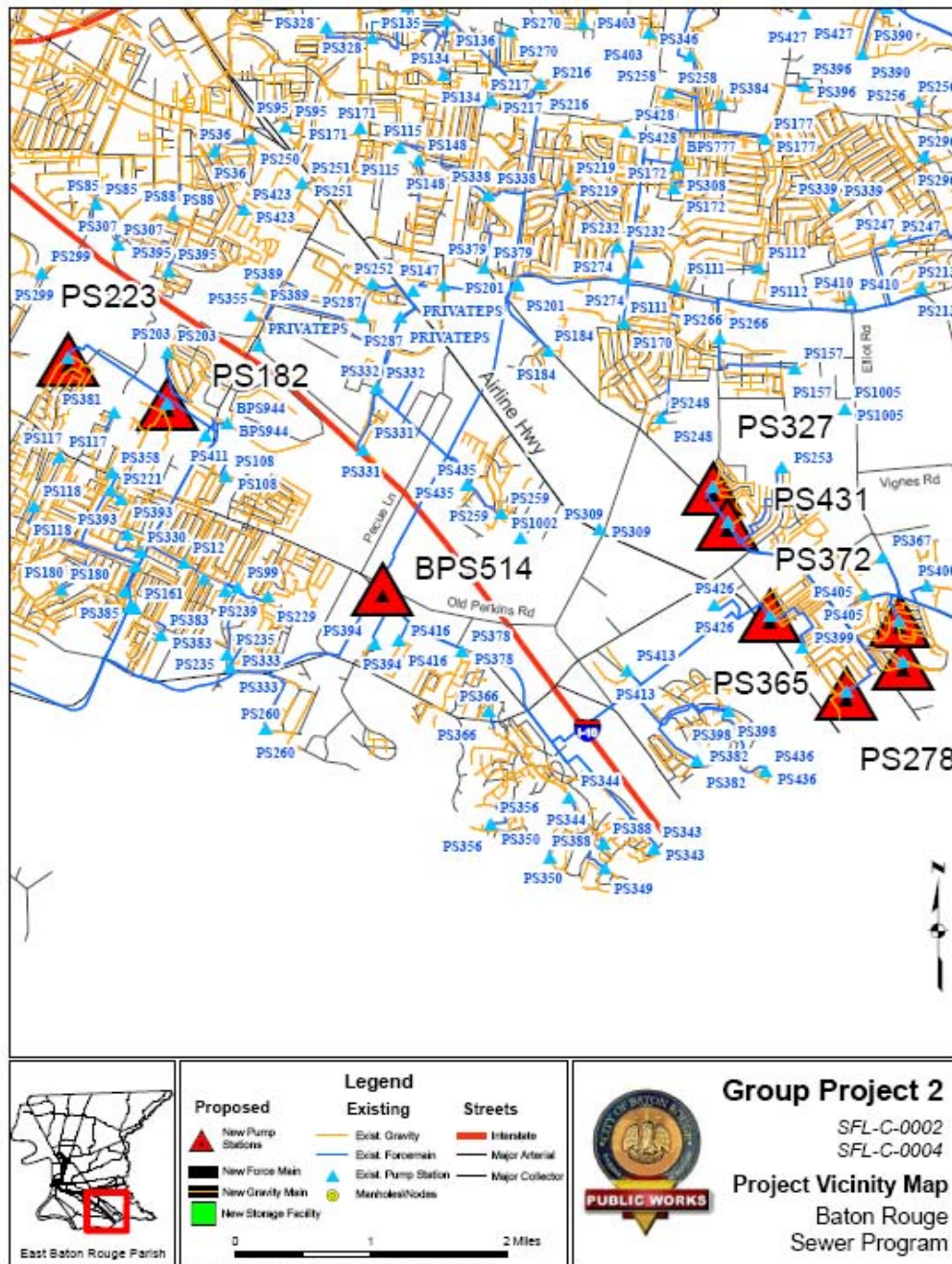
Project Number:	DPWSSO-0041 SFL-C-0002 and SFL-C-0004
Project Name	South Capacity Group 2 Project
Project Description:	The Booster Pump Station 514 Project is located along Old Perkins Road near the intersection with Pecue Road. The project consists of capacity upgrades to Booster Pump Station 514. The Jefferson Highway/Highland Road Area Pump Station Improvements consists of various locations near Jefferson Highway, Highland Road, and Siegen Road. The project consists of capacity upgrades to Pump Stations 182, 223, 431, 327, 353, 278, 372, and 365.
Program Project Manager:	Stephen Bianchetta, P.E.
Design Consultant:	To be determined
Project Start Date:	March 2008
Estimated Project End Date:	October 2012

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
South Capacity Group 2 Project	1 st Qtr '08	4 th Qtr '12
Consultant Selection	1 st Qtr '08	2 nd Qtr '08
Consultant Negotiations	2 nd Qtr '08	2 nd Qtr '08
Consultant Contract Approval	3 rd Qtr '08	3 rd Qtr '08
Design	4 th Qtr '08	2 nd Qtr '09
Land Acquisition	3 rd Qtr '08	4 th Qtr '09
Wetlands	4 th Qtr '08	3 rd Qtr '09
Permits	1 st Qtr '09	4 th Qtr '09
Bid Phase	4 th Qtr '09	1 st Qtr '10
Construction	1 st Qtr '10	4 th Qtr '12

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Name	Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Project Inspection	Program Delivery Plan
Perkins/Old Perkins Area PS514 Improvements	Included in total below				\$11,300,000
Multiple PSs – Jefferson Highway and Highland Road	Included in total below				\$1,920,000
	\$820,000	\$820,000	\$0	\$0	\$13,220,000



Projects Under Design

Downtown Area – PS10 and PS59 Improvements

News

- Consultant selection in process
- Finalized project definition

Planned Activities

- Draft fee proposal
- Finalize Consultant selection
- Negotiation with Consultant

Project Information

Project Number:	DPWSSO-0019 CGN-C-0004
Project Name	Downtown Area – PS10 and PS59 Improvements
Project Description:	This project involves the upgrade of PS10 and PS59 to alleviate SSOs at and near the pump stations and in their respective upstream basins. The pump station upgrades will work in conjunction with the force main and gravity sewer upgrades in the Central Gravity Basin. PS10 is located on East Lakeshore Drive at the southeastern corner of City Park. The majority of the area contributing to the pump station is residential. PS59 is located south of the intersection of River Road and South Boulevard, beneath the I-10 Mississippi River Bridge. The majority of the area contributing to the pump station is residential and commercial. This pump station pumps flows from the Central Gravity North Basin to the Central WWTP.
Program Project Manager:	Ruhan Isim
Design Consultant:	To be determined
Project Start Date:	March 2008
Estimated Project End Date:	September 2012

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
Downtown Area – PS10 and PS59 Improvements	1 st Qtr '08	3 rd Qtr '12
Consultant Selection	3 rd Qtr '08	4 th Qtr '08
Consultant Negotiations	3 rd Qtr '08	4 th Qtr '08
Consultant Contract Approval	3 rd Qtr '08	4 th Qtr '08
Design	3 rd Qtr '08	2 nd Qtr '09
Land Acquisition	3 rd Qtr '08	1 st Qtr '10
Wetlands	4 th Qtr '08	3 rd Qtr '09
Permits	1 st Qtr '09	2 nd Qtr '09
Bid Phase	4 th Qtr '09	1 st Qtr '10
Construction	1 st Qtr '10	3 rd Qtr '12

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Right-of-Way Acquisition.	Budgeted Project Inspection	Program Delivery Plan
\$3,270,000	\$200,000	\$2,900,000	\$0	\$170,000	\$7,000,000



East Baton Rouge Parish

Legend

Proposed	Existing	Streets
New Pump Stations	Exist. Gravity	Interstate
New Gravity Main	Exist. Forcemain	Major Arterial
New Force Main	Exist. Pump Station	Major Collector
New Storage Facility	Manholes/Nodes	

0 300 600 Feet

CGN-C-0004

Project Vicinity Map

Baton Rouge Sewer Program

Projects Under Design

Choctaw Storage and Pump Station Facility

News

- Conducted dynamic model runs

Planned Activities

- Preparing draft project definition, scheduled to be complete in June 2008

Project Information

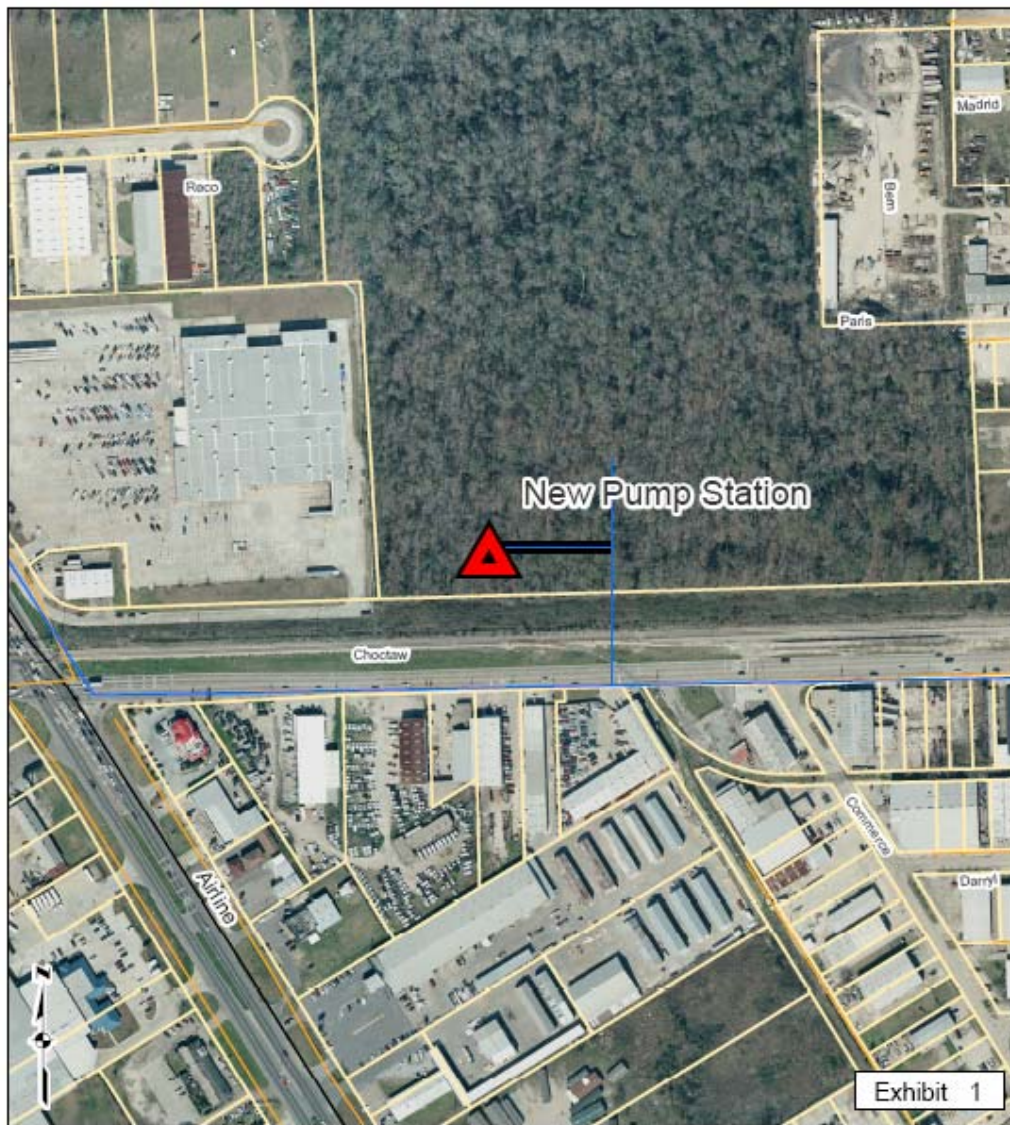
Project Number:	DPWSSO-0029 and DPWSSO-0030 NFW-C-0002 and NFW-C-0003
Project Name	Choctaw Storage and Pump Station Facility
Project Description:	This project is to design three eight million gallon (MG) pre-stressed concrete storage tanks and one 5,500 gpm (8MGD) return pump station. The tanks will be used to detain peak wet weather flows during a storm event, and release them back into the collection system when demand is lower.
Program Project Manager:	Robert Cullwell
Design Consultant:	To be determined
Project Start Date:	April 2008
Estimated Project End Date:	February 2011

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
Choctaw Storage and Pump Station Facility	1 st Qtr '08	1 st Qtr '11
Consultant Selection	2 nd Qtr '08	2 nd Qtr '08
Consultant Negotiations	2 nd Qtr '08	3 rd Qtr '08
Consultant Contract Approval	3 rd Qtr '08	3 rd Qtr '08
Design	3 rd Qtr '08	1 st Qtr '09
Permits	1 st Qtr '09	2 nd Qtr '09
Bid Phase	1 st Qtr '09	3 rd Qtr '09
Construction	3 rd Qtr '09	1 st Qtr '11

Project Budget

ALLOCATED CITY-PARISH BUDGET						PROGRAM
Project Name	Project Total	Budgeted Engineering	Budgeted Land Acquisition	Budgeted Construction	Budgeted Project Inspection	Program Delivery Plan
Choctaw Storage	Included in total below					\$40,700,000
Choctaw Storage Pump Station	Included in total below					\$5,700,000
	\$9,704,099	\$2,900,111	\$1,218,741	\$5,285,247	\$300,000	\$46,400,000



<p>East Baton Rouge Parish</p>	<p>Legend</p> <table border="0"> <tr> <th>Proposed</th> <th>Existing</th> </tr> <tr> <td>▲ New Pump Stations</td> <td>— Exist. Gravity</td> </tr> <tr> <td>— New Force Main</td> <td>— Exist. Forcemain</td> </tr> <tr> <td>— New Gravity Main</td> <td>▲ Exist. Pump Station</td> </tr> <tr> <td>■ New Storage Facility</td> <td>● Manholes/Nodes</td> </tr> <tr> <td></td> <td>□ Property Boundary</td> </tr> </table>		Proposed	Existing	▲ New Pump Stations	— Exist. Gravity	— New Force Main	— Exist. Forcemain	— New Gravity Main	▲ Exist. Pump Station	■ New Storage Facility	● Manholes/Nodes		□ Property Boundary	<p>NFW-C-0003 Project Base Map Baton Rouge Sewer Program</p>
	Proposed	Existing													
▲ New Pump Stations	— Exist. Gravity														
— New Force Main	— Exist. Forcemain														
— New Gravity Main	▲ Exist. Pump Station														
■ New Storage Facility	● Manholes/Nodes														
	□ Property Boundary														
<p>0 200 400 Feet</p>															

Projects Under Design

Highland Road – Buchanan Street

News

- Selected Design Consultant on May 29, 2008

Planned Activities

- Consultant negotiations to begin in June 2008

Project Information

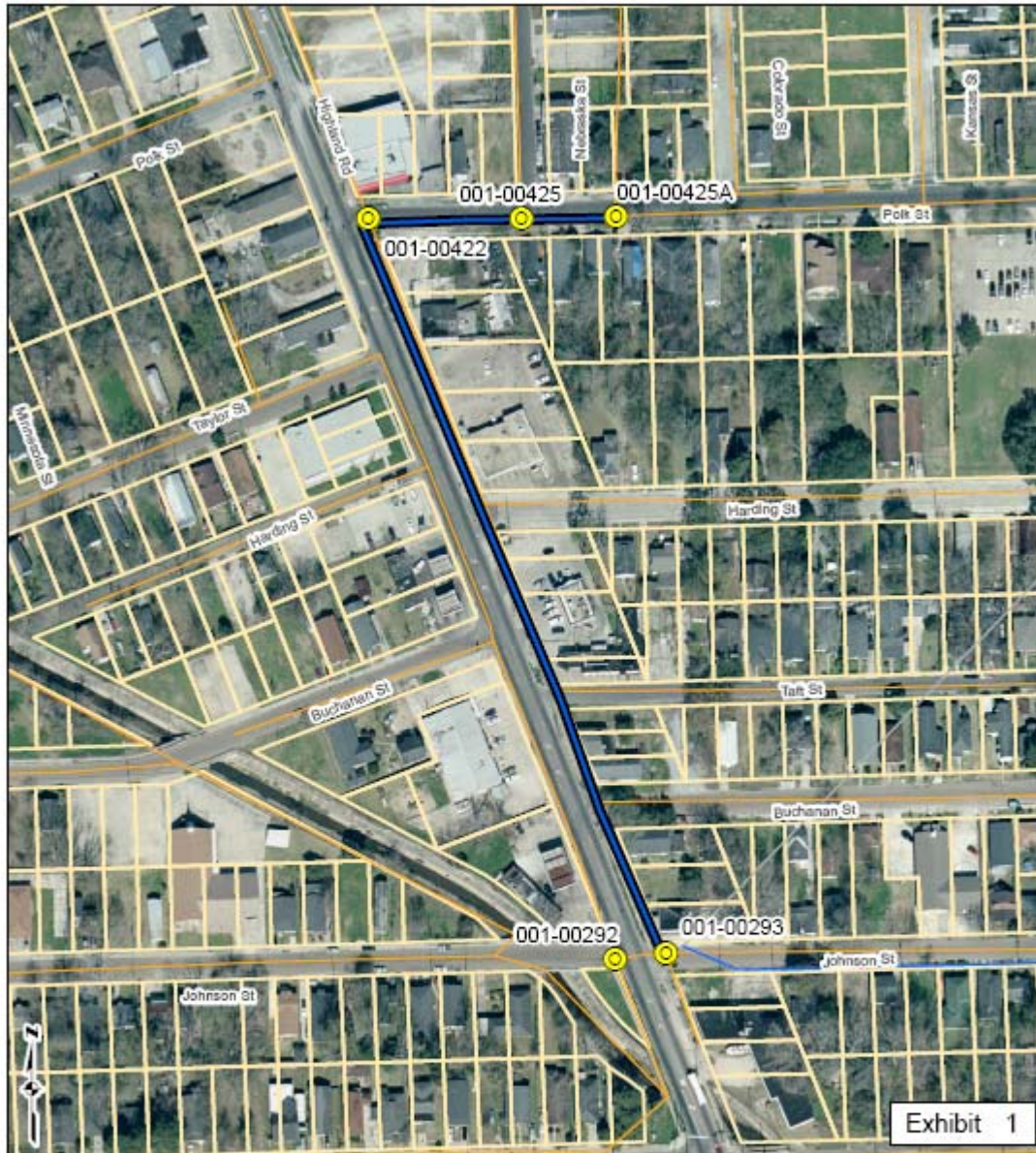
Project Number:	DPWSSO-0022 CGS-C-0004
Project Name	Highland Road – Buchanan Street
Project Description:	This project is composed of gravity sewer pipe upgrades up to 54" in diameter. The pipes to be upsized are located in a region bounded by Carolina Street and Arkansas Street on the east side, E. Washington Street on the north, Alaska Street on the west and Aster Street on the south.
Program Project Manager:	Floyd Younger
Design Consultant:	Burk - Klienpeter
Project Start Date:	March 2008
Estimated Project End Date:	March 2011

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
Highland Road – Buchanan Street	1 st Qtr '08	1 st Qtr '11
Consultant Selection	1 st Qtr '08	2 nd Qtr '08
Consultant Negotiations	2 nd Qtr '08	2 nd Qtr '08
Consultant Contract Approval	2 nd Qtr '08	3 rd Qtr '08
Design	3 rd Qtr '08	1 st Qtr '09
Land Acquisition	4 th Qtr '08	4 th Qtr '09
Wetlands	4 th Qtr '08	2 nd Qtr '09
Bid Phase	4 th Qtr '09	1 st Qtr '10
Permitting	4 th Qtr '08	2 nd Qtr '09
Construction	1 st Qtr '10	1 st Qtr '11

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Right-of-Way Acquisition.	Budgeted Project Inspection	Program Delivery Plan
\$3,270,000	\$200,000	\$2,900,000	\$0	\$170,000	\$3,270,000



<p>East Baton Rouge Parish</p>	<p>Legend</p>		<p>PUBLIC WORKS</p>	<p>CGS-C-0004</p> <p>Project Base Map</p> <p>Baton Rouge Sewer Program</p>
	<p>Proposed</p> <ul style="list-style-type: none"> New Pump Stations New Force Main New Gravity Main New Storage Facility 	<p>Existing</p> <ul style="list-style-type: none"> Exist. Gravity Exist. Forcemain Exist. Pump Station Manholes/Nodes Property Boundary 		

Projects Under Design

Oak Villa Blvd. – Choctaw Street

News

- Contractor performed cleaning and inspection of project area sewers

Planned Activities

- Ongoing progress meetings and technical oversight of physical inspection
- Basin observations and field reconnaissance

Project Information

Project Number:	DPWSSO-0033 (DPW#: 08-AR-UF-0005) SGU-R-0001
Project Name	Oak Villa Blvd – Choctaw Street
Project Description:	The project involves the rehabilitation of the gravity collection system in the Oak Villa Blvd. – Choctaw Street area in south Baton Rouge.
Program Project Manager:	Jason Crain, P.E.
Design Consultant:	CSRS
Project Start Date:	April 2008
Estimated Project End Date:	November 2010

Project Schedule

PROJECT SCHEDULE	Start Date	End Date
Oak Villa Blvd. – Choctaw Street	2 nd Qtr '08	4 th Qtr '10
Design	2 nd Qtr '08	1 st Qtr '09
Bid Phase	1 st Qtr '09	4 th Qtr '09
Land Acquisition	4 th Qtr '08	3 rd Qtr '09
Construction	4 th Qtr '09	4 th Qtr '10

Project Budget

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Right-of-Way Acquisition.	Budgeted Project Inspection	Program Delivery Plan
\$6,918,000	\$818,000	\$5,600,000	\$0	\$500,000	\$6,900,000

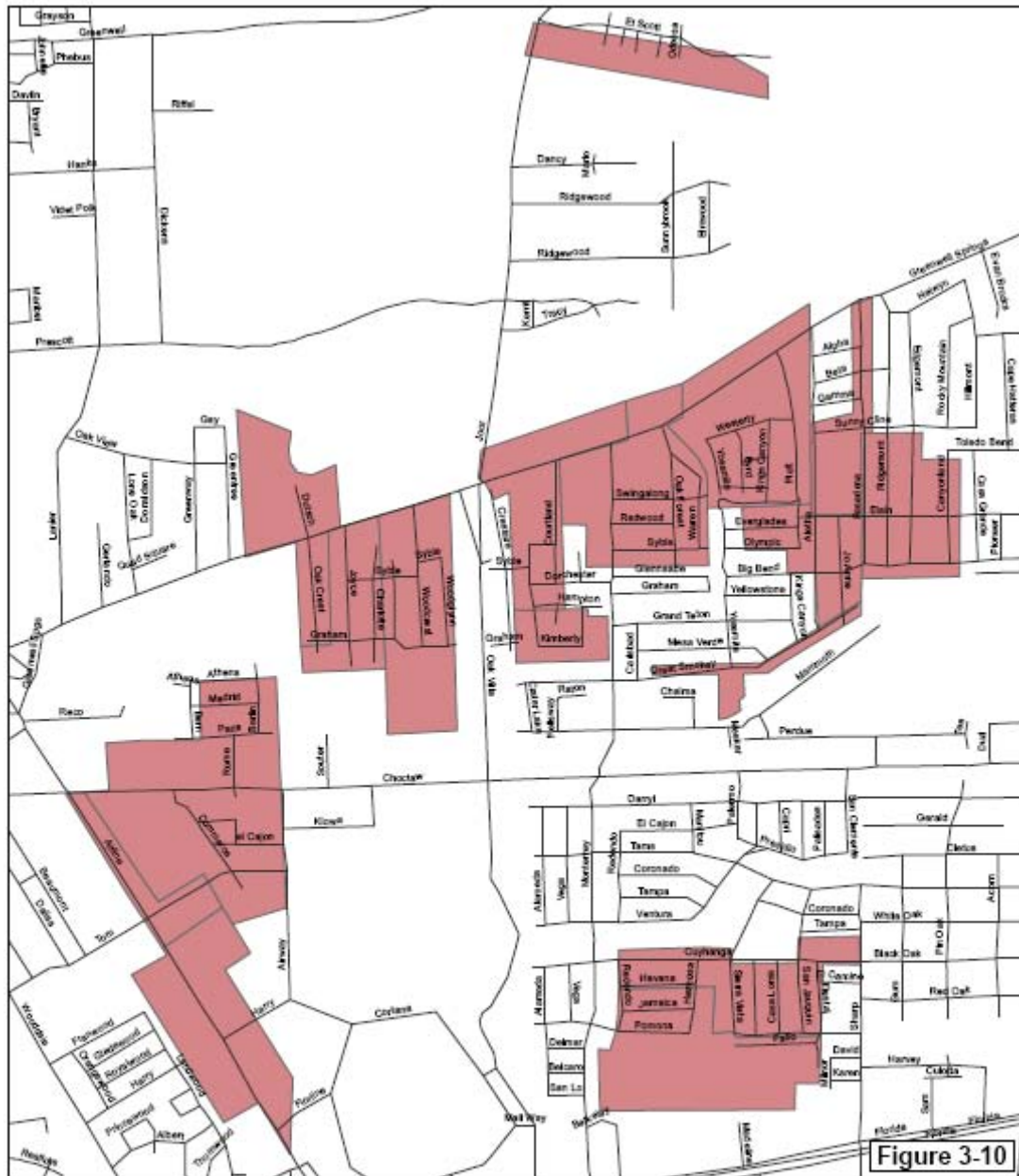


Figure 3-10

East Baton Rouge Parish

Legend

Area Designated for Physical Inspection

0 1,000 2,000 Feet

SGU-R-0001
 Proj #4 Oak Villa Blvd. - Choctaw St.
Project Vicinity Map
 BATON ROUGE
 SEWER PROGRAM

Projects On Hold

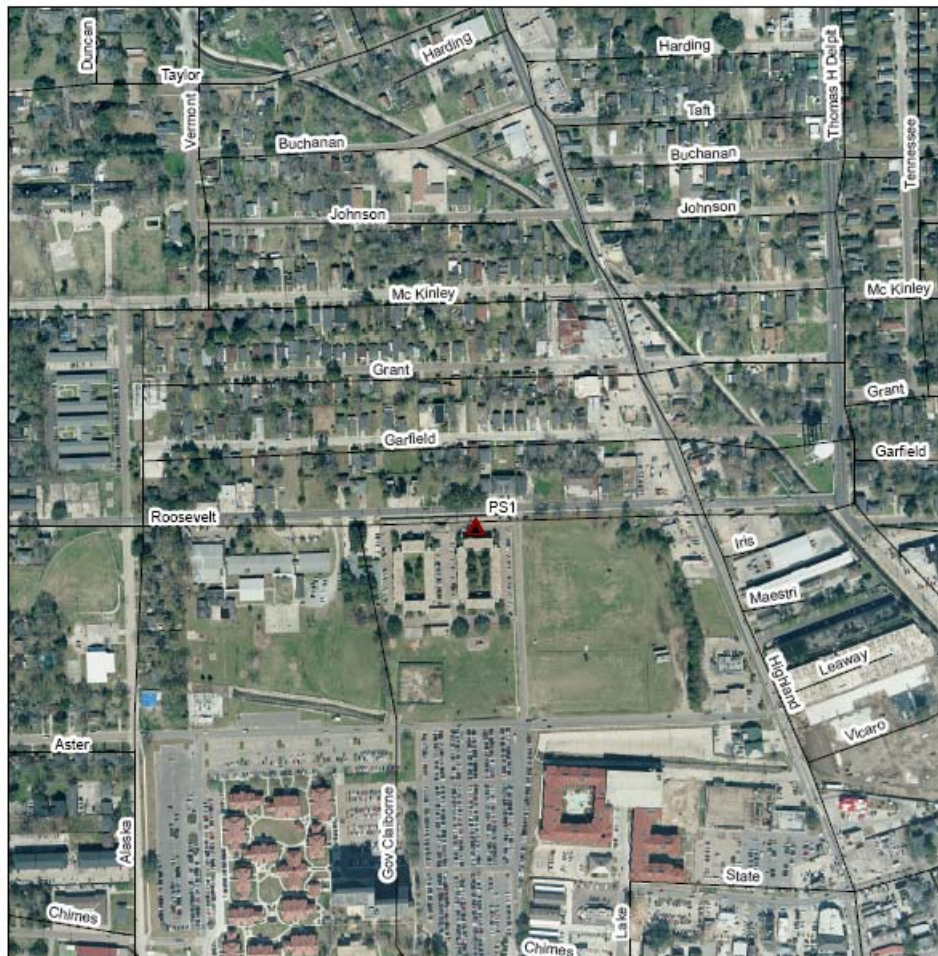
Roosevelt Street Area – Pump Station 1 Improvements

News

- Project temporarily postponed by DPW

Project Information

Project Number:	DPWSSO-0044 (DPW#: 07-PS-BD-0047) CGS-C-0001
Project Name	Roosevelt Street Area – Pump Station 1 Improvements
Project Description:	The Roosevelt Street Area - PS1 Improvements project, located along Roosevelt Street near the intersection with Governor Claiborne Drive, consists of capacity upgrades to PS1. The project also includes constructing approximately 3,700 liner feet of new 36-inch sanitary sewer forcemain associated with the PS1 upgrade.
Program Project Manager:	Stephen Bianchetta, P.E.
Design Consultant:	Ray Rials, P.E., Montgomery Watson Harza (MWH)



Projects On Hold

Central Storage / Equalization

News

- Project on hold

Project Information

Project Number:	DPWSSO-0023 CGS-C-0007
Project Name	Central Storage / Equalization
Project Description:	<p>The project involves the design of two 8-million gallon (MG) pre-stressed concrete storage tanks and one 5,500 gmp (8 mgd) inflow pump station. The 15-MG storage facility is to be located either on the property of the Central WWTP or on an unused parking lot next to the plant.</p> <p>The storage facility will be located downstream of the transition of the PS59 force main to a gravity interceptor, just upstream of the Central WWTP. Pumps will be built with the new facility in order to convey the flow from the facility back to the collection system.</p>
Program Project Manager:	Robert Cullwell, P.E.
Design Consultant:	To be determined



