# **BTR SSO Progress Report**



Prepared for

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

Prepared by

**CH2M**HILL

In association with SIGMA Consulting Group, Inc.

May 2008 (for month ending April 2008)

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## **Program Management**

#### **Program Management**

News	Project Number:	DPWSSO-0001
30 of 94 project are in design phase	Program Manager:	Jim Hawley, P.E.
Program staffing at 90% of authorized level for 2008	Program Contact Information:	CH2M HILL 700 Main Street Suite 400
■ EPA Program Prioritization submittal (including summary, maps and draft RMAP1/RMAP2) was submitted to USEPA and LDEQ on April 7, 2008		Baton Rouge, LA 70802 225-381-8454

- Regulatory Executive Summary developed for inclusion in the 24th Quarterly Report which was submitted to the USEPA and LDEQ on April 18, 2008
- Land acquisition for expansion of wet weather treatment at the South Wastewater Treatment Plan has begun including abstracting and appraisals
- Advertisement for bids for sewer physical inspection completed in April

- SCADA Master Plan to be completed in May
- Completion of Wastewater System Master Plan in May for presentation to City-Parish
- Startup with South Wastewater Treatment Plant design in July
- Startup of Choctaw Storage projects and pumping in May
- Four South Wastewater Treatment urgent projects will be combined into one construction project for bidding in early June

PROJECT SCHEDULE	Start Date	End Date
Baton Rouge Dept of Public Works Sanitary Sewer Overflow Project	1 <sup>st</sup> Qtr '08	1 <sup>st</sup> Qtr '09
Phase 3 – Planning projects – <b>Program Management</b>	1 <sup>st</sup> Qtr '08	1 <sup>st</sup> Qtr '09

# **Master Planning**

### **Master Planning**

#### **News**

 Consolidation of the Central into the South Wastewater Treatment Plant was evaluated and presented to the Department of Public Works (DPW) for endorsement

- Provide a series of presentations to DPW for endorsement
- Present Master Plan draft document in May 2008

Project Number:	DPWSSO-0002
Project Name:	Master Plan
Project 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:	May 2008

PROJECT SCHEDULE		Start Date	End Date
	on Rouge Dept of Public Works Sanitary Sewer erflow Project	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Phase 3 – Planning Projects – Master Planning	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08



Analyzing lab results

# **SSO Planning**

### **SSO Planning**

News	Project Number:	DPWSSO-0005	
	Project Name:	Sanitary Sewer Overflow Planning	
<ul> <li>Refined and performed a quality control review of the hydraulic model of the sewer system</li> </ul>	Project Description:	SSO program delivery plan (PDP) outlines the projects to be completed to eliminate sewer overflows throughout the Parish.	
<ul> <li>Coordinating project definitions and designs with the hydraulic model, specifically piping, pump station, and configuration changes</li> </ul>		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.	
Planned Activities	Project Manager:	Lee Davis, P.E., CH2M HILL Deputy Program Manager	
Continually update the hydraulic model	Design Consultant:	N/A	
as new projects start project definition	Project Start Date:	December 2007	
<ul> <li>Issue the first revision of the Program</li> <li>Delivery Plan (PDP) in August 2008</li> </ul>	Estimated Project End Date:	August 2008	

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



SSO Planning

### **Collection System Rehabilitation**

# Collection Sewer Rehabilitation Jefferson Highway - HooShooToo Road

#### News

- DPW reviewed and signed construction plans
- Advertisement for bids pending USEPA approval

#### **Planned Activities**

■ Bid opening scheduled for June 2008 assuming EPA grant approval



Jefferson Highway/HooShooToo Area

Project Number:	DPWSS0-0032 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

ALLOCATED CITY-PARISH BUDGET			PROGRAM	
Project Total	Budgeted Engineering	Budgeted Construction	Budgeted Physical Inspection	Program Delivery Plan Budget
\$2,253,273	\$0.00	\$2,228,273	\$25,000	\$2,250,000

PR	OJECT SCHEDULE	Start Date	End Date
Jef	ferson Hwy - HooShooToo Road	2 <sup>nd</sup> Qtr '07	4 <sup>th</sup> Qtr '09
	Design	2 <sup>nd</sup> Qtr '07	2 <sup>nd</sup> Qtr '08
	Bid Phase	2 <sup>nd</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Construction	3 <sup>rd</sup> Qtr '08	4 <sup>th</sup> Qtr '09

## **Collection System Rehabilitation**

# **Collection Sewer Rehabilitation Gardere Lane** – Burbank Road

#### News

Contractor finalized field inspection of project area and submitted data

- Ongoing data review and analysis for rehabilitation recommendations
- Complete basin characterization report in May 2008
- CSRS to begin survey and design



Burbank/Gardere Area

Project Number:	DPWSS0-0031 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:	May 2007
Estimated Project End Date:	June 2010

ALLOCATED CITY-PARISH BUDGET			PROGRAM	
Project Total	, , , , , , , , , , , , , , , , , , , ,			
\$6,318,000	\$758,000	\$5,100,000	\$460,000	\$6,300,000

PR	OJECT SCHEDULE	Start Date	End Date
Gar	dere Lane - Burbank Road	2 <sup>nd</sup> Qtr '07	2 <sup>nd</sup> Qtr 10
	Design	2 <sup>nd</sup> Qtr '07	4 <sup>th</sup> Qtr '08
	Bid Phase	4 <sup>th</sup> Qtr '08	1 <sup>st</sup> Qtr '09
	Land Acquisition	3 <sup>rd</sup> Qtr '08	2 <sup>nd</sup> Qtr '09
	Construction	1 <sup>st</sup> Qtr '09	2 <sup>nd</sup> Qtr '10

## **Collection System Rehabilitation**

### **Staring Lane – Boone Drive**

#### News

Contractor performing cleaning and physical inspection of project area

- Ongoing physical inspection of area sewers
- Field reconnaissance and basin observations
- Begin data analysis and basin characterization in June 2008



Intersection of Staring Lane of Boone Drive

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 man holes.
Program Project Manager	Jason Crain, P.E.
Design Consultant	CSRS
Project Start Date	November 2007
Estimated Project End Date	September 2010

	ALLOCATED CITY-PARISH BUDGET					
Project Total	Project Total Budgeted Budgeted Budgeted Budgeted Project Right-of-Way Acquisition					
\$6,928,000	\$828,000	\$5,600,000	\$0	\$500,000	\$7,000,000	

PRO	DJECT SCHEDULE	Start Date	End Date
Sta	ring Lane – Boone Drive	4 <sup>th</sup> Qtr '07'	3 <sup>rd</sup> Qtr 10'
	Consultant Selection	4 <sup>th</sup> Qtr '07	1 <sup>st</sup> Qtr '08
	Consultant Negotiations	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Consultant Contract Approval	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Design	1 <sup>st</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Land Acquisition	4 <sup>th</sup> Qtr '08	3 <sup>rd</sup> Qtr '09
	Bid Phase	4 <sup>th</sup> Qtr '08	2 <sup>nd</sup> Qtr '09
	Construction	2 <sup>nd</sup> Qtr '09	3 <sup>rd</sup> Qtr '10

### **SCADA Master Plan**

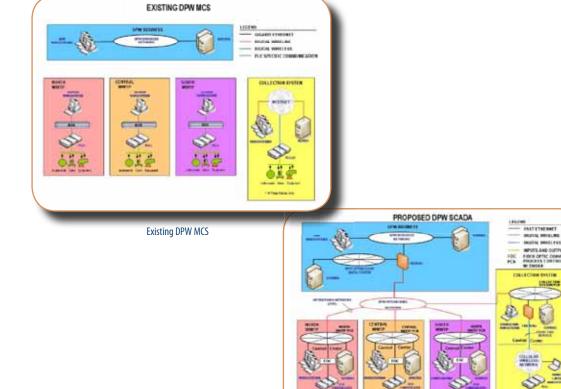
# **Supervisory Control and Data Acquisition** (SCADA) Master Plan

#### **News**

- Draft SCADA Master Plan completed and posted on web-site
- Draft Request for Proposal (RFP) for original EPA Grant SCADA project submitted to DPW

#### **Planned Activities**

Prepare RFP for procurement of firm to provide design, installation, and maintenance of control and telemetry system for three WWTPs and their associated storage tanks



Proposed DPW SCADA

Project Number:	DPWSS0-0004
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

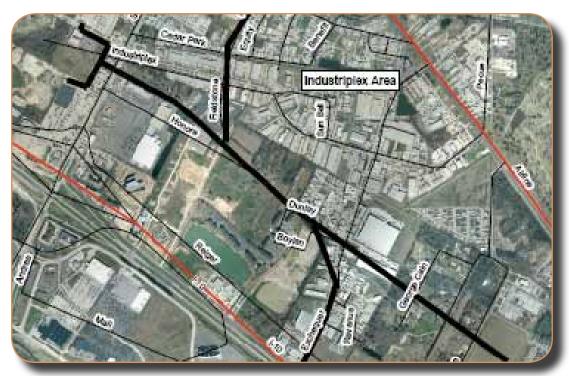
PR	OJECT SCHEDULE	Start Date	End Date
SC	ADA (Supervisory Control and Data Acquisition)	1 <sup>st</sup> Qtr '08	1 <sup>st</sup> Qtr '09
	SCADA Group 1	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	SCADA Group 2	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	SCADA Group 3	2 <sup>nd</sup> Qtr '08	1 <sup>st</sup> Qtr '09
	SCADA Group 4	2 <sup>nd</sup> Qtr '08	4 <sup>th</sup> Qtr '08

### **RMAP1-Industriplex Area Upgrades**

#### **News**

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

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



RMAP1 - Industriplex Area

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 Seigen 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

	ALLOCATED CITY-PARISH BUDGET							
Project Total	Budgeted Engineering	Budgeted Services During Construction	Budgeted Construction	Budged Physical Inspection	Budgeted Misc.	Budgeted Contingency	Budgeted ROW Acquisition	
\$9,144,474	\$550,738	\$85,858	\$7,954,724	\$4,140	\$5,000	\$305,469	\$238,545	

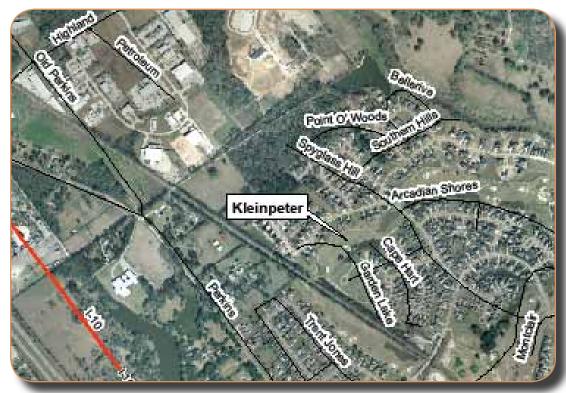
PRO	DJECT SCHEDULE	Start Date	End Date
RM	AP1 Industriplex Area Upgrades	1 <sup>st</sup> Qtr '08	4 <sup>th</sup> Qtr '09
	Design	1 <sup>st</sup> Qtr '08	4 <sup>th</sup> Qtr '09
	Land Acquisition	1 <sup>st</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Permitting	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Bid Phase	3 <sup>rd</sup> Qtr ''08	4 <sup>th</sup> Qtr '08
	Construction	4 <sup>th</sup> Qtr '08	4 <sup>th</sup> Qtr '09

### **RMAP1-Kleinpeter Area Upgrades**

#### News

- Monroe & Corie designing the project
- Final design in process

- Consultant Submitted Final Design on May 2008
- DHH Permit will be applied for in May 2008
- Permit approval expected at end of July 2008



RMAP1 - Kleinpeter Area

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

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

PRO	DJECT SCHEDULE	Start Date	End Date
RM	AP1 Kleinpeter Area Upgrades	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '10
	Design	1 <sup>st</sup> Qtr '08	3rd Qtr '08
	Land Acquisition	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Permitting	3 <sup>rd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Bid Phase	2 <sup>nd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Construction	4 <sup>th</sup> Qtr '08	2 <sup>nd</sup> Qtr '10

### **RMAP1-PS136 Area Upgrades**

#### **News**

- Site investigation conducted and flow data obtained
- Sigma Consultant submitted 90% plans and specifications for CH2M HILL review

- DPW to advertise project in August 2008
- Open project bids in September 2008



RMAP1 - Pump Station 136

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

	ALLOCATED CITY-PARISH BUDGET					
Project Total	Budgeted Engineering	Budgeted Construction	Budged Inspection	Budgeted Misc.	Budgeted Contingency	Budgeted ROW Acquisition
\$8,557,015	\$628,345	\$7,372,799	\$269,815	\$4,500	\$159,556	\$122,000

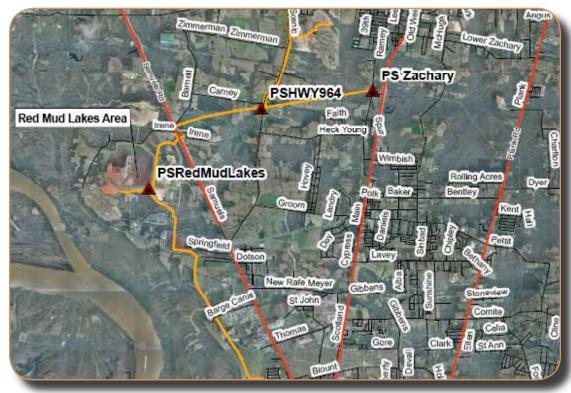
PRO	DJECT SCHEDULE	Start Date	End Date
RM	AP1 Pump Station 136	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '10
	Design	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Land Acquisition	1 <sup>st</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Permitting	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Bid Phase	3 <sup>rd</sup> Qtr '08	1 <sup>st</sup> Qtr '09
	Construction	1 <sup>st</sup> Qtr '09	2 <sup>nd</sup> Qtr '10

### Highway 61 – Zachary - Baker

#### News

Prepared Project Definition

- Submit Project Definition to DPW in June 2008
- SJB Group/Owen & White to prepare and submit the fee proposal for detail in June 2008
- DPW to request adding SJB Group/Owen & White's contract to the Capital Improvement Committee's agenda in June 2008



Highway 61 - Zachary - Baker

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	
Design Consultant:	SJB Group, LLC/Owen & White, Inc.	
Project Start Date:	March 2008	
Estimated Project End Date:	February 2012	

ALLO	PROGRAM		
Project Total	Budgeted Engineering	Budgeted Construction	Program Delivery Plan
\$2,900,000	\$2,900,000	\$0	\$2,900,000

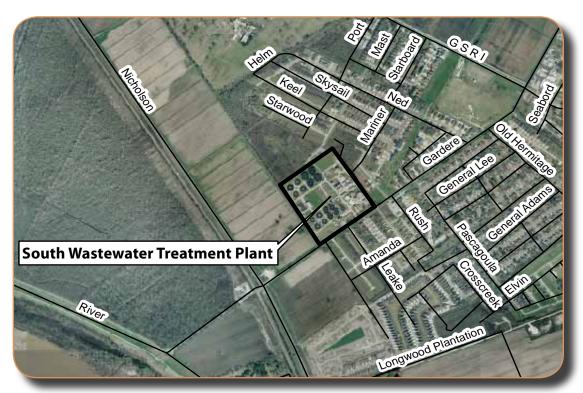
PRO	JECT SCHEDULE	Start Date	End Date
HW	Y 61 – Zachary – Baker	1 <sup>st</sup> Qtr '08	1 <sup>st</sup> Qtr '12
	Project Definition	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Consultant Negotiations	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Consultant Contract Approval	3 <sup>rd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Design	3 <sup>rd</sup> Qtr '08	4 <sup>th</sup> Qtr '09
	Land Acquisition	4 <sup>th</sup> Qtr '08	3 <sup>rd</sup> Qtr '10
	Wetlands	4 <sup>th</sup> Qtr '08	4 <sup>th</sup> Qtr '09
	Bid Phase	3 <sup>rd</sup> Qtr '10	1 <sup>st</sup> Qtr '11
	Permitting	4 <sup>th</sup> Qtr '08	1 <sup>st</sup> Qtr '10
	Construction	1 <sup>st</sup> Qtr '11	1 <sup>st</sup> Qtr '12

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

#### **News**

- Camp, Dresser, and McKee (CDM) submitted the 60% design on April 9, 2008
- CH2M HILL and DWP reviewed the 60% design on April 17, 2008

- CDM to prepare and submit the 95% design in May 2008
- CDM to submit final contract documents in June 2008
- Combine project as one bid and construction package with other IAP projects, and begin bid advertisement in June 2008



South Wastewater Treatment Plant

Project Number:	DPWSSO-0014 (DPW#: 06-WT-TP-0062) IAP 4
Project Name:	South Wastewater Treatment Plant (WWTP) Primary Treatment Improvements, IAP #2
Project Description:	The South WTTP 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:	Alberto Passos, P.E., Camp, Dresser, and McKee (CDM)
Project Start Date:	November 2006
Estimated Project End Date:	December 2009

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

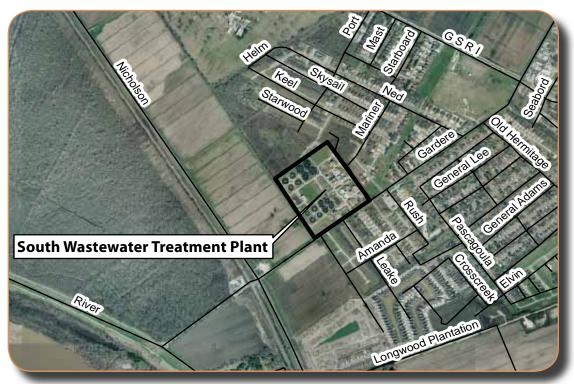
PRO	DJECT SCHEDULE	Start Date	End Date
Imp	oth WWTP Primary Treatment provements, Immediate Action Project P) #2	4th Qtr '06	4 <sup>th</sup> Qtr '09
	Consultant Selection	4 <sup>th</sup> Qtr '06	2 <sup>nd</sup> Qtr '07
	Consultant Negotiations	2 <sup>nd</sup> Qtr '07	1 <sup>st</sup> Qtr '08
	Design	3 <sup>rd</sup> Qtr '07	2 <sup>nd</sup> Qtr '08
	Permits	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Bid Phase	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Construction	3 <sup>rd</sup> Qtr '08	4 <sup>th</sup> Qtr '09

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

#### News

- AJFM submitted the 95% design on April 18, 2008
- CH2M HILL and DPW reviewed the 90% design

- AFJM to submit final contract documents in May 2008
- Combine project as one bid and construction package with other IAP projects, and begin bid advertisement in June 2008



South Wastewater Treatment Plant

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 conducting 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 Isemann, P.E., Aillet, Fenner, Jolly & McCelland (AFJM)
Project Start Date	November 2006
Estimated Project End Date	August 2009

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

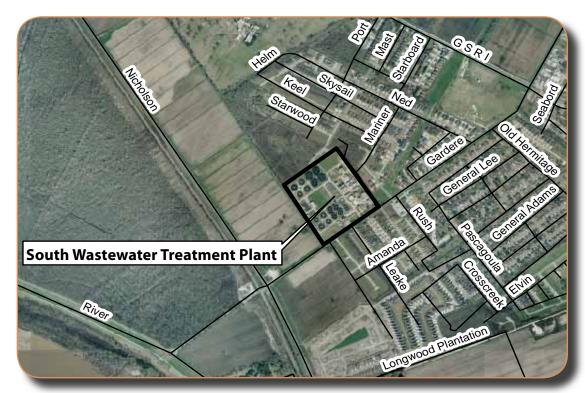
PRO	OJECT SCHEDULE	Start Date	End Date
	oth WWTP Screening Improvements, nediate Action Project (IAP) #1	4 <sup>th</sup> Qtr '06	3 <sup>rd</sup> Qtr '09
	Consultant Selection	4 <sup>th</sup> Qtr '06	2 <sup>nd</sup> Qtr '07
	Consultant Negotiations	2 <sup>nd</sup> Qtr '07	3 <sup>rd</sup> Qtr '07
	Design	3 <sup>rd</sup> Qtr '07	2 <sup>nd</sup> Qtr '08
	Permits	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Bid Phase	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Construction	3 <sup>rd</sup> Qtr '08	3 <sup>rd</sup> Qtr '09

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

#### News

■ Notice to Proceed for detailed design issued by the City in April 2008

- URS to prepare and submit the 60% design in May 2008
- CH2M HILL and the DPW to review the 60% design and conduct a review meeting in May 2008
- URS to submit final contract documents in June 2008
- Combine project as one bid and construction package with other IAP projects, and advertise bid in June 2008



South Wastewater Treatment Plant

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:	December 2009

	PROGRAM			
Project Total	Program Delivery Plan			
\$2,160,000	\$428,000	\$1,721,200	\$10,000	\$5,072,000

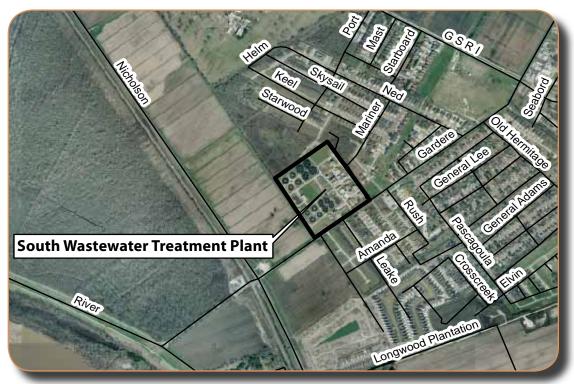
PRO	DJECT SCHEDULE	Start Date	End Date
South WWTP Sludge Handling Improvements, Immediate Action Project (IAP) #5		4 <sup>th</sup> Qtr '06	4 <sup>th</sup> Qtr '09
	Consultant Selection	4 <sup>th</sup> Qtr '06	2 <sup>nd</sup> Qtr '07
	Consultant Negotiations	2 <sup>nd</sup> Qtr '07	1 <sup>st</sup> Qtr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

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

#### **News**

■ MWH submitted the 60% design in April 2008

- CH2M HILL and the DPW to review the 60% design and conduct a review meeting in May 2008
- MWH to submit final contract documents in June 2008
- Combine project as one bid and construction package with other IAP projects, and begin bid advertisement in June 2008



South Wastewater Treatment Plant

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 and the addition of a trickling filter effluent 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

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

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

#### **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

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



North Wastewater Treatment Plant

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:	July 2007
Estimated Project End Date:	June 2009

ALLOCATED CITY-PARISH BUDGET				PROGRAM	
Project Total	Project Total Budgeted Budgeted Budgeted Budgeted Construction Misc. Contingency				
\$2,807,230	\$51,110	\$2,280,000	\$10,000	\$466,120	\$2,856,730

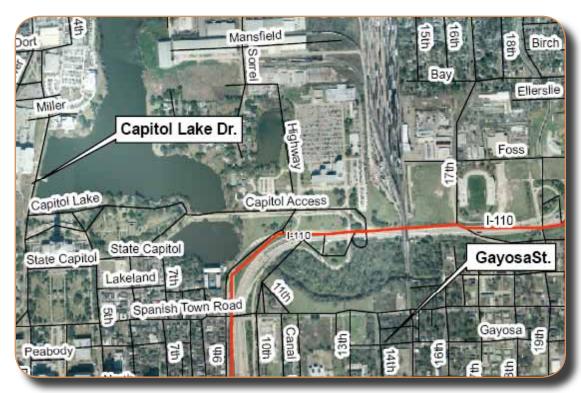
PRO	DJECT SCHEDULE	Start Date	End Date
SSC	O Odor Control NWWTP	2 <sup>nd</sup> Qtr '07	3 <sup>rd</sup> Qtr '09
	Equipment Procurement	2 <sup>nd</sup> Qtr '07	3 <sup>rd</sup> Qtr '08
	Consultant Selection	3 <sup>rd</sup> Qtr '07	4 <sup>th</sup> Qtr '07
	Consultant Approval	4 <sup>th</sup> Qtr '07	4 <sup>th</sup> Qtr '07
	Manufacture Equipment	3 <sup>rd</sup> Qtr '08	1 <sup>st</sup> Qtr '09
	Design	3 <sup>rd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Permitting	3 <sup>rd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Bid Phase	4 <sup>th</sup> Qtr '08	1 <sup>st</sup> Qtr '09
	Construction	1 <sup>st</sup> Qtr '09	3 <sup>rd</sup> Qtr '09

### **Capitol Lake Drive – Gayosa Street**

#### **News**

- Completed consultant negotiations in April 2008
- Began consultant contract approval process in April 2008

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



Capitol Lake Drive — Gayosa Street

Project Number Project Name	DPWSSO-0017 (DPW#: 07-PS-BD-0048) CGN-C-0001 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 10th 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 16th 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	

	ALLOCATED CITY-PARISH BUDGET				PROGRAM
Project Total	Project Total Budgeted Budgeted Budgeted Budgeted Engineering Construction Misc. Contingency				
\$13,500,000	\$800,000	\$7,460,000			

PRO	OJECT SCHEDULE	Start Date	End Date
Cap	oitol Lake Drive – Gayosa Street	1 <sup>st</sup> Qtr '08	1 <sup>st</sup> Qtr '11
	Consultant Selection	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Consultant Negotiations	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Consultant Contract Approval	2 <sup>nd</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Design	2 <sup>nd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Land Acquisition	3 <sup>rd</sup> Qtr '08	3 <sup>rd</sup> Qtr '09
	Wetlands	3 <sup>rd</sup> Qtr '08	1 <sup>st</sup> Qtr '09
	Bid Phase	3 <sup>rd</sup> Qtr '09	4 <sup>th</sup> Qtr '09
	Permitting	3 <sup>rd</sup> Qtr '08	1 <sup>st</sup> Qtr '09
	Construction	4 <sup>th</sup> Qtr '09	1 <sup>st</sup> Qtr '11

# Roosevelt Street Area – Pump Station (PS) 1 Improvements

#### News

Project temporarily postponed by DPW



North Wastewater Treatment Plant

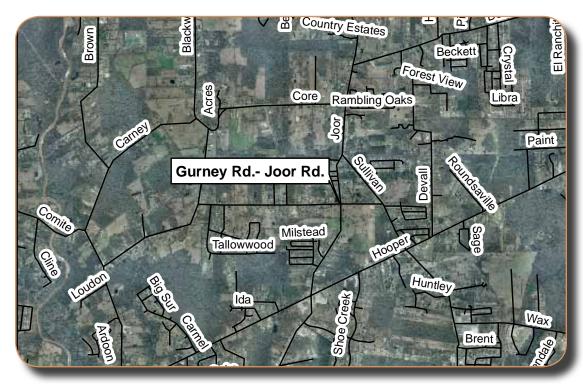
Project Number:	DPWSSO-0044 (DPW#: 07-PS-BD-0047) CGS-C-0001
Project Name:	Roosevelt Street Area – Pump Station 1 Improvements
Project Description:	The Roosevelt Street Area - PS1 Improvements project, located along Roosevelt Street near the intersection with Governor Claiborne Drive, consists of capacity 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)
Project Start Date:	December 2007
Estimated Project End Date:	December 2011

### **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

- Neel-Schaffer will commence the 60% design phase of the project in May 2008
- Submit 60% design in June 2008



Gurney Road - Joor Road

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 Tallowwood 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	

	ALLOCATED CITY-PARISH BUDGET				
Project Total	Project Total Budgeted Budgeted Budgeted Budgeted Right-of-Way Project Acquisition. Inspection				
\$4.800,000	\$360,000	\$ 4,740 ,000			

PRO	DJECT SCHEDULE	Start Date	End Date
Gur	ney Road – Joor Road	1 <sup>st</sup> Qtr '08	3 <sup>rd</sup> Qtr '10
	Design	1 <sup>st</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Permits	3 <sup>rd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Bid Phase	3 <sup>rd</sup> Qtr '08	1 <sup>st</sup> Qtr '09
	Construction	1 <sup>st</sup> Qtr '09	3 <sup>rd</sup> Qtr '10

## **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

- Hartman Engineering will commence the 60% design phase of the project in May 2008
- Submit 60% design in June 2008



**Lovett Road Area** 

Project Number:	DPWSSO-0025 (DPW#: 07-PS-BD-0018) NFE-C-0002
Project Name:	Multiple Pump Stations — Lovett Road Area
Project Description:	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.
	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.
	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.
	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.
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

ALLOCATED CITY-PARISH BUDGET				PROGRAM	
Project Total	Budgeted Engineering	Program Delivery Plan			
\$5,200,000	\$450,000	\$4,500,000	\$100,000	\$150,000	\$5,090,000

PRO	DJECT SCHEDULE	Start Date	End Date
Mul	tiple Pump Stations – Lovett Road Area	1 <sup>st</sup> Qtr '08	1 <sup>st</sup> Qtr '10
	Design	1 <sup>st</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Bid Phase	3 <sup>rd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Permitting	3 <sup>rd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Construction	1 <sup>st</sup> Qtr '09	1 <sup>st</sup> Qtr '10

#### **Comite Road – Foster Road**

#### **News**

- Revised the force main routing within the project area prior to Monroe & Corie beginning the preliminary engineering phase
- DPW confirmed that Monroe & Corie should include a scope and fee estimate for the Comite Drive extension sewer improvements in the project
- Finalized the modeling associated with the revised force main routing plan; provided hydraulics information to Monroe & Corie in March
- DPW approved updated scope and fee proposal

- Meet with Monroe & Corie to review and negotiate the revised proposal
- Monroe & Corie to conduct the 30% preliminary engineering phase
- Monroe & Corie to submit the 30% preliminary design report in July 2008



**Lovett Road Area** 

Project Number	DPWSSO-0026 (DPW#: 07-PS-BD-0019) NFE-C-0003
Project Name	Comite Road — Foster Road
Project Description	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.
	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.
	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.
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

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

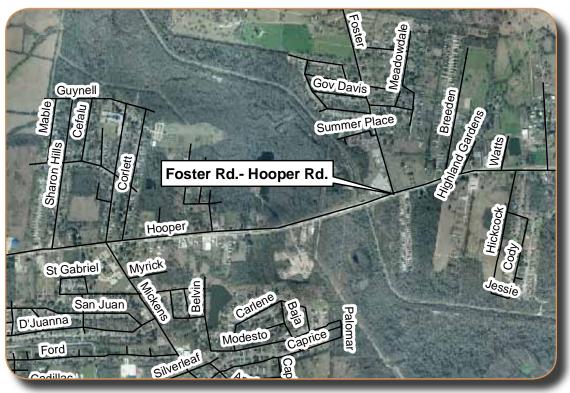
PRO	JECT SCHEDULE	Start Date	End Date
Cor	nite Road – Foster Road	1 <sup>st</sup> Qtr '08	4 <sup>th</sup> Qtr '10
	Consultant Negotiations	1 <sup>st</sup> Qtr '08	1 <sup>st</sup> Qtr '08
	Consultant Contract Approval	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Design	2 <sup>nd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Land Acquisition	2 <sup>nd</sup> Qtr '08	2 <sup>nd</sup> Qtr '09
	Wetlands	2 <sup>nd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Bid Phase	2 <sup>nd</sup> Qtr '09	3 <sup>rd</sup> Qtr '09
	Permitting	3 <sup>rd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Construction	4 <sup>th</sup> Qtr '09	4 <sup>th</sup> Qtr '10

## Foster Road - Hooper Road

#### News

■ Issued a Notice to Proceed for design to PEC in April 2008

- Conduct startup meeting with PEC
- PEC to begin 30% preliminary engineering phase
- PEC to submit 30% preliminary design report in July 2008



Foster Road - Hooper Road Area

Project Number	DPWSSO-0027 (DPW#: 06-WT-TP-0058) NFE-C-0004
Project Name	Foster Road — Hooper Road
Project Description	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.
	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.
	Forcemain segment PS255 to NS6289 goes down Ardson Drive then onto Blackwater Road and terminates at Hooper Road for approximately 7,600 feet.
	Forcemain segment PS196 to NS6281 goes down Shady Bluff Drive and terminates at Hooper Road for approximately 5,200 feet.
	Forcemain segment BP5507 to NS6247 goes down Hooper Road and terminates at Lovett Road for approximately 12,000 feet.
	Forcemain segment BP5511 to NS6334 goes down Hooper Road and terminates at Foster Road for approximately 5,600 feet.
	Forcemain segment NS6306 to NS6334 goes down Foster Road and terminates at Hooper Road for approximately 1,200 feet.
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

ALLOCATED CITY-PARISH BUDGET				PROGRAM	
Project Total	Project Total Budgeted Budgeted Budgeted Budgeted Right-of-Way Project Acquisition. Inspection				
\$9,400,000	\$600,000	\$8,300,00	\$0	\$500,000	\$5,990,000

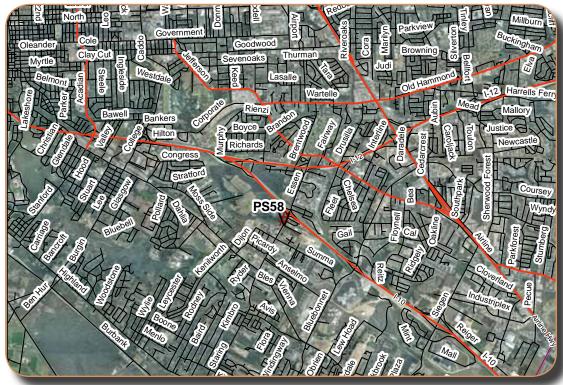
PRO	DJECT SCHEDULE	Start Date	End Date
Fos	ster Road – Hooper Road	1 <sup>st</sup> Qtr '08	4 <sup>th</sup> Qtr '10
	Consultant Negotiations	1 <sup>st</sup> Qtr '08	1 <sup>st</sup> Qtr '08
	Consultant Contract Approval	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Design	2 <sup>nd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Land Acquisition	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '09
	Wetlands	2 <sup>nd</sup> Qtr '08	1 <sup>st</sup> Qtr '09
	Bid Phase	3 <sup>rd</sup> Qtr '09	4 <sup>th</sup> Qtr '09
	Permitting	3 <sup>rd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Construction	4 <sup>th</sup> Qtr '09	4 <sup>th</sup> Qtr '10

### **Staring Lane Forcemain – PS58 Improvements**

#### **News**

- Monroe & Corie, Inc. received the Notice to Proceed
- Monroe & Corie, Inc. began the design development in April 2008

- Monroe & Corie, Inc. will continue the design development and complete by the end of May 2008
- The Program Team will review the design during the first part of June
- Contract document process will begin the latter part of June 2008 and continue until the end of July 2008



Pump Station 58

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, Monroe & Corie, Inc.
Project Start Date	April 2008
Estimated Project End Date	May 2011

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Total Budgeted Budgeted Budgeted Right-of-Way Project Acquisition Inspection				Program Delivery Plan	
\$1,288,447	\$1,288,447	\$0	\$0	\$0	\$35,000,000

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

### **Citiplace/Essen Area PS119 Forcemain Improvements**

#### News

- Submitted and prepared RFQ to DPW for design firm selection
- DPW reviewed and approved project definition

- Advertise RFQ
- Consultant selection



Citiplace/ ESSEN Area

Project Number: Project Name:	DPWSSO-0036 SGC-C-PS119 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:	November 2010

	ALLOCATED CITY-PARISH BUDGET				
Project Total	Project Total Budgeted Budgeted Budgeted Budgeted Right-of-Way Project Acquisition Inspection				Program Delivery Plan
\$5,811,552	\$750,000	\$5,061,552	\$0	\$0	\$3,170,000

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

## **Central Storage/Equalization**

#### **News**

■ •Project on hold for possible deletion



Central Storage Equalization

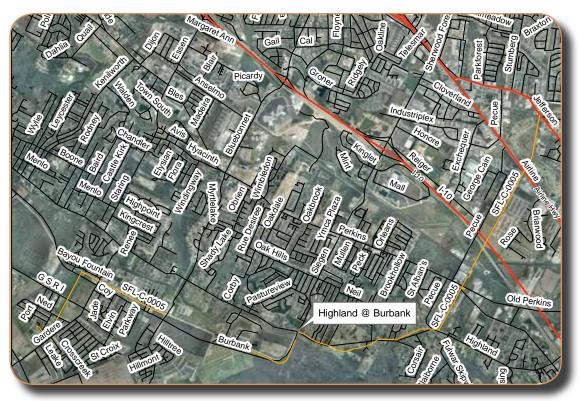
Project Number:	DPWSSO-0023 CGS-C-0007
Project Name:	Central Storage / Equalization
Project Description:	The project involves the design of two 8-million gallon (MG) prestressed concrete storage tanks and one 5,500 gmp (8 mgd) inflow pump station. The 15-MG storage facility is to be located either on the property of the Central WWTP or on an unused parking lot next to the plant.
	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.
Program Project Manager:	Robert Culwell
Design Consultant:	To be determined
Project Start Date:	February 2008
Estimated Project End Date:	January 2011

## **Highland Road – Burbank Drive**

#### News

- Consultant selection in process
- Preparing draft project definition

- Finalize definition and draft fee proposal
- Finalize consultant selection
- Negotiation with consultant



Highland Road — Burbank Drive

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 45,000 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

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

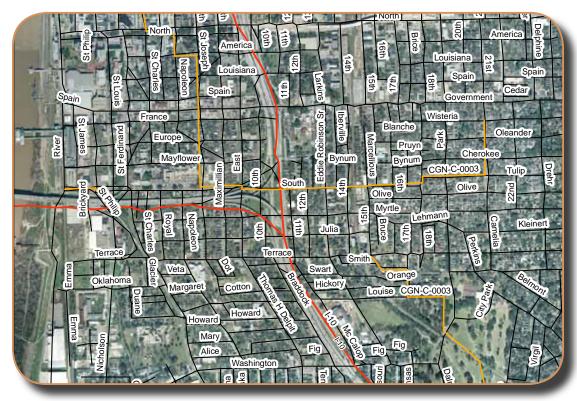
PRO	OJECT SCHEDULE	Start Date	End Date
Hig	hland Road – Burbank Drive	1 <sup>st</sup> Qtr '08	1 <sup>st</sup> Qtr '11
	Consultant Selection	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Consultant Negotiations	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Consultant Contract Approval	3 <sup>rd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Design	3 <sup>rd</sup> Qtr '08	2 <sup>nd</sup> Qtr '09
	Land Acquisition	4 <sup>th</sup> Qtr '08	4 <sup>th</sup> Qtr '09
	Wetlands	4 <sup>th</sup> Qtr '08	2 <sup>nd</sup> Qtr '09
	Bid Phase	3 <sup>rd</sup> Qtr '09	1 <sup>st</sup> Qtr '09
	Permitting	4 <sup>th</sup> Qtr '08	2 <sup>nd</sup> Qtr '09
	Construction	1 <sup>st</sup> Qtr '10	1 <sup>st</sup> Qtr '11

## **South Boulevard – St. Joseph Street**

#### News

- Researched existing documents for project definition package
- Completed project specific workplan and quality control plan
- Submitted project definition package for DPW review

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



South Blvd.-St. Joseph Street

Project Number:	DPWSSO-0018 CGN-C-0003
Project Name:	South Boulevard — St. Joseph Street
Project Description:	This project involves implementing forcemain improvements to PS59 and PS10. PS59 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 forcemain.
Program Project Manager:	Jeremy Fontenot
Design Consultant:	To be determined
Project Start Date:	March 2008
Estimated Project End Date:	March 2011

	ALLOCATED CITY-PARISH BUDGET				PROGRAM
Project Total	Project Total Budgeted Budgeted Budgeted Budgeted Right-of-Way Project Acquisition Inspection				
\$6,560,000	\$410,000	\$5,800,000	\$0	\$350,000	\$6,560,000

PRO	JECT SCHEDULE	Start Date	End Date
Sou	ıth Boulevard – St. Joseph Street	1 <sup>st</sup> Qtr '08	1 <sup>st</sup> Qtr '11
	Consultant Selection	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Consultant Negotiations	2 <sup>nd</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Consultant Contract Approval	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Design	3 <sup>rd</sup> Qtr '08	1 <sup>st</sup> Qtr '09
	Land Acquisition	4 <sup>th</sup> Qtr '08	4 <sup>th</sup> Qtr '09
	Wetlands	4 <sup>th</sup> Qtr '08	2 <sup>nd</sup> Qtr '09
	Bid Phase	4 <sup>th</sup> Qtr '09	1 <sup>st</sup> Qtr '10
	Permitting	4 <sup>th</sup> Qtr '08	2 <sup>nd</sup> Qtr '09
	Construction	1 <sup>st</sup> Qtr '10	1 <sup>st</sup> Qtr '11

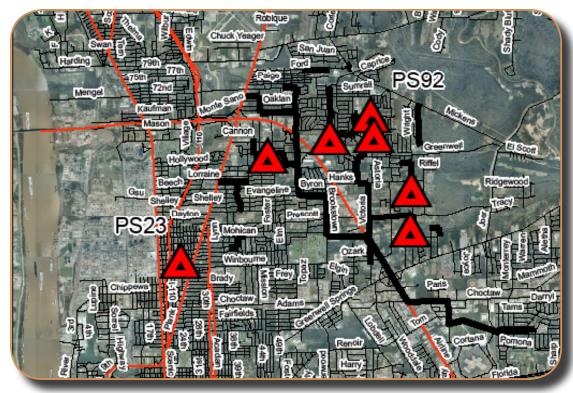
**Project News** 

## **North Capacity Group Project 1**

#### News

Developed project definition package

- Selection committee to select consultant
- Consultant negotiations ongoing through July 2008



North Capacity Group Project 1

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, PS35, 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

ALLOCATED CITY-PARISH BUDGET					PROGRAM
Project Name	Program Delivery Plan				
Progress Rd – Metro Air.		\$11,300,000			
Airline Hwy – Victoria Dr	Included in total below				\$15,820,000
McClelland – Glen Oaks		\$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

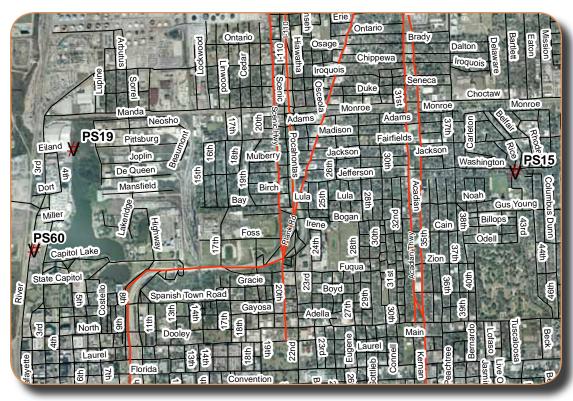
PRO	JECT SCHEDULE	Start Date	End Date
Nor	th Capacity Group Project 1	1 <sup>st</sup> Qtr '08	1 <sup>st</sup> Qtr '12
	Consultant Selection	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Consultant Negotiations	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Consultant Contract Approval	3 <sup>rd</sup> Qtr '08	4 <sup>th</sup> Qtr '08
	Design	4 <sup>th</sup> Qtr '08	3 <sup>rd</sup> Qtr '09
	Land Acquisition	4 <sup>th</sup> Qtr '08	3 <sup>rd</sup> Qtr '10
	Wetlands	4 <sup>th</sup> Qtr '08	4 <sup>th</sup> Qtr '09
	Bid Phase	3 <sup>rd</sup> Qtr '10	1 <sup>st</sup> Qtr '11
	Permitting	4 <sup>th</sup> Qtr '08	4 <sup>th</sup> Qtr '09
	Construction	1 <sup>st</sup> Qtr '11	1 <sup>st</sup> Qtr '12

### **Downtown Area – PS15, PS19 and PS60 Improvements**

#### **News**

- Met with DPW and project manager to finalize RFQ
- Started consultant selection process

- Obtaining data on pump station and field reconnaissance
- Working on draft project definition
- Consultant selection in process



Downtown Area PS

Project Number  Project Name	DPWSSO-0021 CGN-C-0005 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	October 2012

	ALLOCATED CITY-PARISH BUDGET				
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

PRO	OJECT SCHEDULE	Start Date	End Date
	wntown Area – PS15, PS19 and PS60 provements	1 <sup>st</sup> Qtr '08	3 <sup>rd</sup> Qtr '12
	Consultant Selection	1 <sup>st</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Consultant Negotiations	3 <sup>rd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Consultant Contract Approval	3 <sup>rd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Design	3 <sup>rd</sup> Qtr '08	3 <sup>rd</sup> Qtr '09
	Land Acquisition	4 <sup>th</sup> Qtr '08	1 <sup>st</sup> Qtr '10
	Wetlands	4 <sup>th</sup> Qtr '08	4 <sup>th</sup> Qtr '09
	Permits	2 <sup>nd</sup> Qtr '09	2 <sup>nd</sup> Qtr '09
	Bid Phase	4 <sup>th</sup> Qtr '09	1 <sup>st</sup> Qtr '10
	Construction	1 <sup>st</sup> Qtr '10	3 <sup>rd</sup> Qtr '12

### **South Capacity Group 2 Project**

#### **News**

- Draft project definition prepared by CH2M HILL
- RFQ/Consultant selection postponed by DPW

- DPW to advertise RFQ in May 2008
- Consultant selection will occur in June 2008
- Draft project definition to be submitted to DPW in May 2008
- Consultant negotiation will occur in June 2008
- Consultant contract approval will occur in July and August 2008



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	

	ALLOCATED CITY-PARISH BUDGET					
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	

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

### **Downtown Area – PS10 and PS59 Improvements**

#### News

- Prepared RFQ for submittal to DPW
- Consultant selection in process
- Preparing draft definition

- Finalize project definition
- Draft fee proposal
- Finalize consultant selection
- Negotiation with consultant



Downtown Area PS 10 and PS 59

Project Number Project Name	DPWSSO-0019 CGN-C-0004 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
	forcemain 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 PS 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	April 2008
Estimated Project End Date	October 2012

	ALLOCATED CITY-PARISH BUDGET					
Project Total Budgeted Budgeted Budgeted Right-of-Way Project Acquisition Inspection					Program Delivery Plan	
\$3,270,000	\$200,000	\$2,900,000	\$70	\$170,000	\$7,000,000	

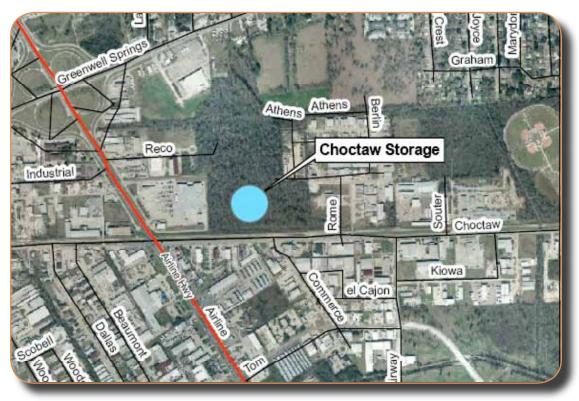
PRO	OJECT SCHEDULE	Start Date	End Date
	wntown Area – PS10 and PS59 provements	1 <sup>st</sup> Qtr '08	3 <sup>rd</sup> Qtr '12
	Consultant Selection	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Consultant Negotiations	2 <sup>nd</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Consultant Contract Approval	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Design	3 <sup>rd</sup> Qtr '08	2 <sup>nd</sup> Qtr '09
	Land Acquisition	3 <sup>rd</sup> Qtr '08	1 <sup>st</sup> Qtr '10
	Wetlands	4 <sup>th</sup> Qtr '08	3 <sup>rd</sup> Qtr '09
	Permits	1 <sup>st</sup> Qtr '09	2 <sup>nd</sup> Qtr '09
	Bid Phase	4 <sup>th</sup> Qtr '09	1 <sup>st</sup> Qtr '10
	Construction	1 <sup>st</sup> Qtr '10	3 <sup>rd</sup> Qtr '12

## **Choctaw Storage and Pump Station Facility**

#### News

Currently conducting dynamic models runs

- Working on Dynamic Model. Modeling Scheduled to be completed May 2008
- Working on Draft Project Definition. Scheduled to be completed June 2008



Downtown Area PS 10 and PS 59

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

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 \$1,218,720 \$5,285,246 \$300,000					\$46,400,000	

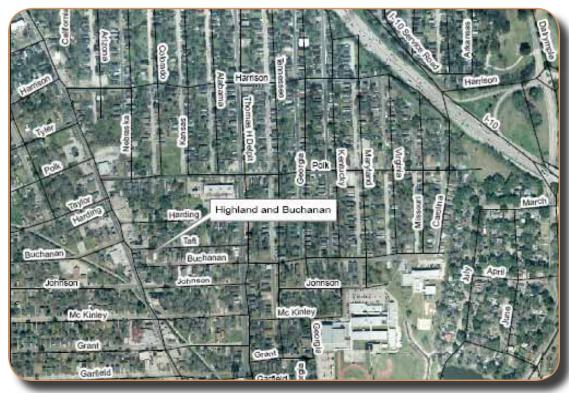
PRO	DJECT SCHEDULE	Start Date	End Date
Ch	octaw Storage and Pump Station Facility	1 <sup>st</sup> Qtr '08	1 <sup>st</sup> Qtr '11
	Consultant Selection	2 <sup>nd</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Consultant Negotiations	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Consultant Contract Approval	3 <sup>rd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Design	3 <sup>rd</sup> Qtr '08	1 <sup>st</sup> Qtr '09
	Permits	1 <sup>st</sup> Qtr '09	2 <sup>nd</sup> Qtr '09
	Bid Phase	1 <sup>st</sup> Qtr '09	3 <sup>rd</sup> Qtr '09
	Construction	3 <sup>rd</sup> Qtr '09	1 <sup>st</sup> Qtr '11

### **Highland Road – Buchanan Street**

#### **News**

- Conducting field reconnaissance
- Evaluating the Program Delivery Plan project description
- Developing the project definition

- Complete project definition
- Advertise RFQ after DPW
- Consultant selection



Highland Road - Buchanan Street

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:	To be determined
Project Start Date:	March 2008
Estimated Project End Date:	March 2011

	ALLOCATED CITY-PARISH BUDGET					
Project Total	Project Total Budgeted Budgeted Budgeted Budgeted Right-of-Way Project Acquisition Inspection					
\$3,270,000	\$200,000	\$2,900,000	\$0	\$170,000	\$3,270,000	

PRO	DJECT SCHEDULE	Start Date	End Date
Hig	hland Road – Buchanan Street	1 <sup>st</sup> Qtr '08	1 <sup>st</sup> Qtr '11
	Consultant Selection	1 <sup>st</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Consultant Negotiations	2 <sup>nd</sup> Qtr '08	2 <sup>nd</sup> Qtr '08
	Consultant Contract Approval	2 <sup>nd</sup> Qtr '08	3 <sup>rd</sup> Qtr '08
	Design	3 <sup>rd</sup> Qtr '08	1 <sup>st</sup> Qtr '09
	Land Acquisition	4 <sup>th</sup> Qtr '08	4 <sup>th</sup> Qtr '09
	Wetlands	4 <sup>th</sup> Qtr '08	2 <sup>nd</sup> Qtr '09
	Bid Phase	4 <sup>th</sup> Qtr '09	1 <sup>st</sup> Qtr '10
	Permitting	4 <sup>th</sup> Qtr '08	2 <sup>nd</sup> Qtr '09
	Construction	1 <sup>st</sup> Qtr '10	1 <sup>st</sup> Qtr '11

# **Closed Projects**

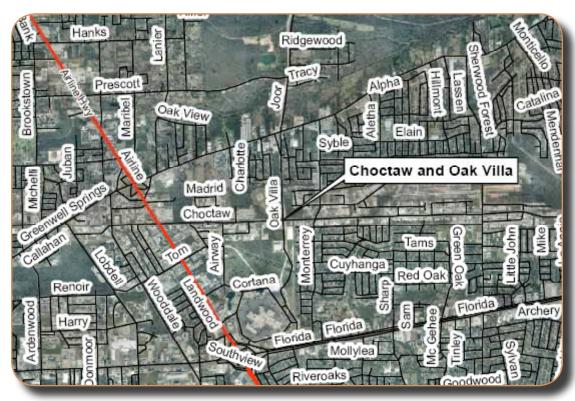
#### Oak Villa Blvd - Choctaw Street

#### **News**

■ Completed and issued work order for CCTV and physical inspection work

#### **Planned Activities**

■ Contractor to begin physical inspection of project area sewers



Highland Road - Buchanan Street

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

	PROGRAM				
Project Total	Program Delivery Plan				
\$6,918,000	\$818.000	\$5,600,000	\$0	\$500,000	\$6,900,000

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

