

**Capital Projects
and
Proposed Infrastructure
Improvement Programs**



**City of Shreveport
Department of Operational Services
Rick Seaton, Assistant CAO
December 2010**

INTER-OFFICE MEMORANDUM
City of Shreveport

DEPARTMENT OF OPERATIONAL SERVICES

Office of the City Engineer

Phone: (318) 673-6000

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DATE: December 15, 2010

TO: Councilman Oliver Jenkins, Chairman
Councilman Sam Jenkins, Vice-Chairman
Councilwoman Rose McCulloch
Councilman Joe Shyne
Councilman Ron Webb
Councilman Michael Corbin
Councilman Jeff Everson

FROM: Rick Seaton *RS*
Assistant CAO

SUBJECT: Capital Projects

Please find enclosed our Current Capital Projects, the Proposed Water & Sewerage Improvement Program, the Proposed Transportation Improvement Program, and the Proposed Drainage Improvement Program. This report is updated annually in December, and provides a current listing of all projects in our database. The current project listing in this document approaches \$1.5 Billion. Some of these projects are partially funded, the majority are not, and are shown for planning purposes.

If you have any questions, please let me know.

RS:ps

Enclosures

xc: Mayor Cedric B. Glover
Arthur G. Thompson

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OFFICE OF THE CITY ENGINEER
Quarterly Project Status Report

December 2010

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TO:

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Ron Chatelain – ENG
Michael Erlund, P.E. – T.E.
F. W. Dodge Division
Jerry Erwin – ENG
Lonnie Fouts – T&D
Wayne Goss – P.M.
Larry Hester – CenterPoint
Clinton Hollis – AT&T
Ralph Hollis – AT&T
Jim Juneau – Eng
James Kennedy – ENG
Michael Leone – SWEPCO
Andy Long - DOTD

Tom Mattox – PUR
Bonnie Moore – ComDev
Linda Morehead – ENG
Gary McClure – ENG
Ernie Negrete – S&D
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Jim Thomas – SWEPCO
Mica Whorton – Comcast
Andrew Zagars, P.E. - ENG

FROM: Robert Westerman, P.E.
Assistant City Engineer

Ali Mustapha, P.E.
Assistant City Engineer

Barbara Featherston, P.E.
Assistant City Engineer

The intent of this report is to provide a concise quarterly report of projects currently under design and in construction. For your convenience, each engineering office has sorted and arranged these projects by priority. This is not a complete list of all projects currently being monitored. Should there be questions concerning specific projects, please contact the assigned project manager. Questions concerning non-listed projects or the report in general, should be directed to the appropriate engineering office at 673-6000: Ali Mustapha for drainage and private water and sewer projects, Robert Westerman for street projects, and Barbara Featherston for water and sewer projects.

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PROJECT STATUS REPORT

DECEMBER 2010

ROADS AND BRIDGES

ACTIVE DESIGN PROJECTS

1. **YOUREE DR./KINGS HWY. INTER.** **Project No. 89-C027**
Project Manager: Westerman
Design Status: Final
Estimated Plan Completion Date:
Design Firm: C.G.M.
Percent Complete: 100%

REMARKS: Final plans, estimates, specs, and right-of-way sent to DOTD. DOTD is currently investigating the possibility of phasing the construction.

2. **MURPHY STREET VIADUCT/BRIDGE REPLACEMENT** **Project No. 98-C007**
Project Manager: Zagars
Design Status: Survey
Design Firm: NTB
Percent complete: 25%
REMARKS: State selected bridge for replacement through off-system bridge program. Survey approved; issued Notice to Proceed on preliminarys. Preliminary plans sent to LA DOTD. Plan in Hand meeting scheduled for Dec. 3, 2008. Post Plan-in-Hand plans complete; forwarded to LA DOTD.

3. **I-49 LANDSCAPING** **Project No. 01-C001**
Project Manager: Zagars
Design Status: Final
Design Firm: In house
Percent Complete: 90%
REMARKS: Addressing LA DOTD comments. The A/Engineering Selection Committee has chosen Jerome Nicholas as the landscape consultant.

4. **DOWNTOWN PEDESTRIAN WALKWAY PHASE II** **Project No. 01-C031**
Project Manager: Zagars
Design Status: Final
Design Firm: In house
Percent Complete: 90%
REMARKS: Awaiting final utility comments. Bids opened June 1, 2010 – high; waiting on decision to re-bid.

SECTION II

OTHER DESIGN PROJECTS

1. **3132 STREET LIGHTING**
Project Manager: Westerman
Design Status: Final
REMARKS: Received pre-acps to schedule plan-in-hand. Awaiting cost information to submit paper work to LA DOTD. Project put on hold until funding is available from the State.
Project No. 92-C008
Design Firm: TBA
Percent Complete: 90%
2. **TEXAS AVENUE TURN LANES**
Project Manager: Westerman
Design Status: Final
REMARKS: Submitted to DOTD for permit.
Project No. 01-C032
Design Firm: In-house
Percent Complete: 95%

SECTION III

PROJECTS IN BID OR CONTRACT PHASE

1. **SPORTRAN ADA 2010**
Project Manager: Zagars
Bid Date:

PROJECTS UNDER CONSTRUCTION

- | | | |
|----|---|--|
| 1. | PROVENANCE SUBDIVISION
Project Manager: Chatelain
Inspector: Frazier
Contractor: Blount
REMARKS: Pending punch list item. | Project No. Private
Contract Amount: N/A
% work complete: 99%
% time used: N/A |
| 2. | RAILROAD CROSSING HOLLYWOOD @ MANSFIELD ROAD
Project Manager: Juneau
Inspector: Lee
Contractor: Williams Enterprises | Project No. 01-C034
Contract Amount: \$36,433.00
% work complete: 0%
% time used: 0% |
| 3. | 2010 CITYWIDE CONCRETE PANEL REPLACE PROGRAM
Project Manager: Chatelain
Inspector: Frazier
Contractor: Horton
REMARKS: Notice to proceed July 12, 2010; 150 working day project. | Project No. 09-C001
Contract Amount: \$2,234,984.00
% work complete: 25%
% time used: 50% |
| 4. | 2010 G.F. ASPHALT OVERLAY
Project Manager: Juneau
Inspector: Lee
Contractor: Best Yet | Project No. IFB #10-018
Contract Amount: \$830,975.00
% work complete: 95%
% time used: 60% |
| 5. | 2010 SIDEWALK PROGRM
Project Manager: Juneau
Inspector: Lee
Contractor: CW&S | Project No. 01-C029
Contract Amount: \$89,325.00
% work complete: 0%
% time used: 0% |
| 6. | CATHERINE STREET
Project Manager: Juneau
Inspector: Lee
Contractor: Best Yet | Project No. 96-C010
Contract Amount:
% work complete: 0%
% time used: 0% |
| 7. | RAILROAD CROSSING CLOSURES
Project Manager: Zagars
Inspector: Zagars
Contractor: CW&W
REMARKS: Project to start December 8, 2010. | Project No. 01-C034
Contract Amount: \$68,450.00
% work complete: 0%
% time used: 0% |
| 8. | SOUTHFIELD SCHOOL IMPROVEMENTS
Project Manager: Zagars
Inspector: Zagars
Contractor: Wimbley Construction
REMARKS: Project to start December 17, 2010. | Project No. 01-C031
Contract Amount: \$24,215.00
% work complete: 0%
% time used: 0% |

DRAINAGE

PROJECTS IN BID OR CONTRACT PHASE

1. **GLADSTONE BLVD. @ WHEELLESS AVE. DRAINAGE** *Project No. 01-D015*
Project Manager: McClure
REMARKS: JPD Construction is low bidder. Contract is being executed.
2. **WESTPORT BOX CULVERT** *Project No. 01-D015*
Project Manager: McClure
REMARKS: To be bid Dec. 16, 2010.
3. **BALTIMORE AT LAWHON STREET DRAINAGE** *Project No. 01-D015*
Project Manager: McClure
REMARKS: To be bid Dec. 16, 2010.

SECTION IV

PROJECTS UNDER CONSTRUCTION

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|----|--|----------------------------|
| 1. | SUMMER GROVE DITCH REPAIR
Project Manager: McClure
Const. Inspector: Lynn
Contractor: Precision Builders
REMARKS: Construction complete; in lien period. | Project No. 01-D016 |
| 2. | 2800 WEST 70TH ST. DITCH REPAIR
Project Manager: McClure
Const. Inspector: Herrington
Contractor: Horton
REMARKS: Construction complete; in lien period. | Project No. 01-D016 |
| 3. | 3920 JUDSON ST.
Project Manager: McClure
Contractor: Precision Builders
REMARKS: Construction complete; in lien period. | Project No. 01-D016 |
| 4. | J. S. CLARK (BOOKER T.) DRAINAGE REPAIRS
Project Manager: McClure
Const. Inspector: Lynn
Contractor: Littleton
REMARKS: Construction complete; in lien period. | Project No. 01-D016 |
| 5. | 3225 AUTUMN LANE DRAINAGE DITCH REPAIR
Project Manager: McClure
Const. Inspector: Chamberlain
Contractor: CW&W
REMARKS: Construction complete; in lien period. | Project No. 01-D015 |
| 6. | SOUTHERN AVE. & MARGARET PLACE REPAIRS
Project Manager: McClure
Project Inspector: Lynn
Contractor: Precision Builders
REMARKS: Construction to begin in early December. | Project No. 01-D015 |
| 7. | ROBINSON DITCH REPAIR
Project Manager: McClure
Project Inspector: Lynn
Contractor: Brothers Concrete
REMARKS: Construction to begin in early December. | Project No. 01-D016 |
| 8. | CONCORDIA SUBDIVISION
Project Manager: McClure
Project Inspector: Lynn
Contractor: Douglas Construction
REMARKS: Addressing punch list items. | Project No. Private |
| 9. | NORRIS FERRY CROSSING UNIT 6
Project Manager: McClure
Project Inspector: Bates
Contractor: Pulley
REMARKS: Addressing final items. | Project No. Private |

10. **ESPLANADE SUBDIVISION**

Project Manager: McClure
Project Inspector: Herrington
Contractor: R. Carlson
REMARKS: Construction in progress.

Project No. Private

WATER & SEWERAGE

ACTIVE DESIGN PROJECTS

1. **T.L. AMISS WATER TREATMENT FACILITY AUTOMATION** **Project No. 98-E006**
 Project Manager: Featherston
 Eng. Percent Complete: 99.32% (Phase 1) Const. Percent Complete: 99.45% (Ph 1)
 Eng. Consultant: Alliance (Ph 1); Metcalf & Eddy (Ph 2) Const. Contractor: Edison Automation
 Eng. Contract Value: Const. Contract \$: 3,130,694.68
REMARKS: This work under the scope of Phase 1 includes the comprehensive SCADA system development of T.L. Amiss project 98E006. Work will be complete in December 2007 with the exception of on-going services. Ongoing SCADA support services are to be performed under this contract.
2. **T.L. AMISS WTP COMPREHENSIVE IMPS.** **Project No. 98-E006**
 Project Managers: Featherston & Bordelon
 Eng % complete: 81%
 Eng Consultant: AECOM
 Eng Contract Value: \$4,459,635
REMARKS: Plant 2 Flocculation/Sedimentation System Improvements under construction. Ozone optimization study complete. Membrane pilot plant on hold. Plant 2E, lime feed and raw water improvements design complete, pending funding for construction.
3. **HEARNE SEWER IMPROVEMENTS** **Project No. 05-F023**
(Midway to Westover)
 Project Manager: Featherston
 Eng. Consultant: In-house
 Eng. % complete: 0%
4. **HOPE STREET AREA WATER MAIN IMPROVEMENTS** **Project No. 05-E015**
 Project Manager: Featherston
 Eng Consultant: Hyde Engineering
 Eng % complete: 95%
REMARKS: Preparing contract. Notice to Proceed sent out Jan 19, 2007. Topo map due March 13, 2007. Received Topo; moving forward with preliminary plans. Preliminary plans complete; final due Dec. 2009. Will advertise after the first of the year pending final plans.
5. **RUSSELL ROAD WATER MAIN IMPROVEMENTS** **Project No. 05-E001**
 Project Manager: Featherston
 Eng Consultant: Sepahan
 Eng % complete: 95%
REMARKS: Notice to Proceed for topo maps sent on 2/6/06. Received and approved topo map. Received preliminary plans and sent markups on 8/9/06. Received prelim plans; reviewed and sent in October 2006. Reviewed plans on 2/8/07 and Sepahan picked up markups on 2/12/07. Reviewed ACP and requested servitude plats. Received plats and acquiring servitude. Sent markups to engineer. Additional scope added; pending supplemental agreement.
6. **AGURS LIFT STATION IMPROVEMENTS** **Project No. 05-F002**
 Project Manager: Featherston
 Eng Consultant: BBC
 Eng % complete: 99%
REMARKS: Contract signed. Topo map due 3/14/06. Prelim plans due August 3, 2006. Reviewed and requested ACP along with markups. ACP due January 11, 2007. Received ACP. Reviewing design change due to cost over budget. Project to advertise January 2011.

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| 7. | BROADMOOR LIFT STATION IMPROVEMENTS
Project Manager: Featherston
Eng Consultant: Three Fold
Eng % complete: 85%
REMARKS: Preparing contract. Contract signed. Topo map due March 14, 2006. Prelim plans due June 31, 2006. Received preliminary plans on Aug. 13, 2006. Sent prelim plans on Sept 13, 2006. Plans are currently in-house for markup and review. | Project No. 05-F003 |
| 8. | LUCAS LIFT STATION IMPROVEMENTS
Project Manager: Featherston
Eng Consultant: BBC
Eng % complete: 60%
REMARKS: New design under contract. Project to advertise February 2011. | Project No. 05-F013 |
| 9. | QUERBES LIFT STATION IMPROVEMENTS
Project Manager: Featherston
Eng Consultant: Balar
Eng % complete: 40%
REMARKS: New design under contract. Construction on hold pending future funding. | Project No. 05-F016 |
| 10. | SOUTH HIGHLAND LIFT STATION IMPROVEMENTS
Project Manager: Featherston
Eng Consultant: Buchart-Hart
Eng complete: 85%
REMARKS: Contract signed. Topo map due. Preliminary plans reviewed and markups sent March 25, 2006. ACP plans received October 2008; finals due January 2009. ACP received February 2009; in house for review. Modification in design needed. Construction on hold pending loan; future funding. | Project No. 05-F017 |
| 11. | LIFT STATION MAINTENANCE BUILDING
Project Manager: Featherston
Eng. Consultant: Denmon
Eng. % complete: 100%
REMARKS: City staff has reviewed preliminary plans and submitted to Denmon. Expect final plans by June 2008. ACP received August 27, 2008; in review. Final plans received. Project on hold pending funding. | Project No. 98-F001 |
| 12. | LUCAS & NORTH REGIONAL WWTP EXPANSION
Project Manager: Featherston
Eng. Consultant: CDM
Eng. % complete: 99%
REMARKS: ACP for 60" outfall repair in-house for review; advertise October 2008. Finalizing O&M Manuals for Lucas ar North Regional. Manuals to be completed by January 2009. Permit issued for wet weather outfall at North Regional. Desig for new Outfall complete by December 2009. Project to bid in December 2010. | Project No. 00-F001 |
| 13. | MICHEL ST. WATER MAIN IMPROVEMENTS
1600 & 1700 blocks
Project Manager: Kennedy
Eng. Consultant: Polaris
Eng. % complete: 100%
REMARKS: Consultant completed topography survey; final design complete. Project on hold pending funding. | Project No. 05-E008 |
| 14. | CROSS LAKE WATER SHED SEWER IMPROVEMENTS
Project Manager: Featherston
Eng. Consultant: Stuart
Eng. % complete: 30%
REMARKS: Revised comments sent to consultant. Final report due January 2011. | Project No. 06-F001 |

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| 15. | DALE TO HOLZMAN STREET 8" SEWER INSTALLATION
Project Manager: Kennedy
Eng. Consultant: Raburn & Associates
Eng. % complete: 90%
REMARKS: Topo map complete; plans under review. | Project No. 05-F020 |
| 16. | WILLOW POINT LIFT STATION
Project Manager: Featherston
Eng. Consultant: In-house
Eng. % complete: 50%
REMARKS: Design plans currently in-house and are being reviewed for markups and specifications. Project Bids to open in December 2010. | Project No. 06-F001 |
| 17. | BACKFLOW PREVENTION DESIGN
Project Manager: Featherston
Eng. Consultant: CDM
Eng. % complete: 20%
REMARKS: Initial kickoff meeting Sept. 2010. Plans to be completed by March 2011. | Project No. 04-E002 |
| 18. | BACKFLOW PREVENTION PROGRAM
Project Manager: Featherston
Eng. Consultant: BKI
Eng. % complete: 5%
REMARKS: Initial survey of backflow preventers started Sept. 2010. Project to be completed by March 2011. | Project No. 04-E002 |

SECTION II

OTHER DESIGN PROJECTS

1. **CROSS LAKE DAM & SPILLWAY** **Project No.:** 05-E012
Project Manager: Featherston
REMARKS: Atchley & Atchley design consultant. Kickoff meeting held December 8, 2010.

2. **EPA/DOJ NEGOTIATIONS** **Project No.:** 10-F001
Project Manager: Featherston
REMARKS: To BKI, design consultant, for signing.

SECTION III

PROJECTS IN BID OR CONTRACT PHASE

1. **GALILEE SEWER MAIN IMPROVEMENTS** *Project No.: 05-F020*
Project Manager: Kennedy
REMARKS: Bid opening October 28, 2010. Waiting on contracts.

2. **ENGINEERING SERVICES** *Project No.: RFS# 10-709*
MISCELLANEOUS WATER & SEWER DESIGN
REMARKS: Cothren, Graff, Smoak Engineering, Inc., selected for the design.

SECTION IV

CAPITAL PROJECTS UNDER CONSTRUCTION

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|----|--|--|
| 1. | LUCAS & NORTH REGIONAL WWTP EXPANSION
Project Managers: Featherston
Eng. Percent Complete: 99% of overall program
Eng. Consultant: Camp Dresser & McKee
Eng. Contract Value: \$11,000,000
REMARKS: Construction percent complete:
Lucas WWTP Project #1 (Max Foote Construction; \$18,000,000; 100% complete)
Lucas WWTP Project #2 (Max Foote Construction; \$6,000,000; 100% complete)
Lucas WWTP Project #3A (Max Foote Construction; \$3,400,000; 100% complete)
North Regional WWTP Project #2 (Max Foote Construction; \$24,500,000; 100% complete)
Lucas WWTP #3B & North Regional #3: \$14,550,000; 100% complete.
North Regional Project #1: advertise in December 2010. | Project No. 00-F001 |
| 2. | FLOURNOY-LUCAS/ ELLERBE ROAD (LA 523)
 Youree Drive to LA 526
Project Manager: Kennedy
Const. Manager: Kennedy
Inspector: Bates
Contractor: Wicker
REMARKS: Water & sewer main relocates completed along Flournoy-Lucas (Youree to Ellerbe) as of Aug. 25, 2009.
Project requires subsequent mobilization water system grade adjustments following DOTD finished ROW grade work. | Project No. 08-E002

Contract Amount: \$1,461,815.95
% complete: 98% |
| 3. | SOUTHEAST SHREVEPORT WATER DISTRIBUTION , PHASE III
Project Manager: Featherston
Const. Manager: CDM
Contractor: McInnis
REMARKS: In testing phase; project to be completed in December 2010. | Project No. 05-E009
Contract Amount: \$6,797,000.00
% complete: 98% |
| 4. | W. 70TH ST. WATER MAIN RELOCATIONS
 (Pines Rd. to Industrial Loop)
Project Manager: Kennedy
Inspector: Chamberlain
Contractor: YorWic
REMARKS: Construction began December 9, 2008. Substantially complete with the exception of remobilizing to finalize system final grade adjustments once DOTD contractor's finished grade work is completed. | Project No. 08-E001

Contract Amount: \$1,263,725.00
% complete: 95% |
| 5. | WATER AND WASTEWATER ELECTRICAL SYSTEM
 RELIABILITY PROGRAM
Project Manager: Meentemeyer/Kennedy
Contractor: Copeland Electric
REMARKS: Notice to proceed June 25, 2009. In construction phase. | Project No. 98-E006

Contract Amount: \$2,779,000
% complete: 95% |
| 6. | HARDY LIFT STATION
Project Manager: Kennedy
Inspector: Chamberlain
Contractor: Peck
REMARKS: Contracts received. In lien period. | Project No. 05-F003
Contract Amount: \$1,307,940
% complete: 100% |
| 7. | DARIEN LIFT STATION
Project Manager: Featherston
Inspector: Chamberlain
Contractor: McInnis
REMARKS: In construction phase. | Project No. 05-F005
Contract Amount: \$1,219,500
% complete: 40% |

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| <p>8. AMISS WTP NO. 2 & ADMIN. BUILDING
 Project Manager: Featherston
 Inspector: AECOM
 Contractor: Cecil Gassiot LLC
 REMARKS: Under construction.</p> | <p>Project No. 05-E002
 Contract Amount: \$6,896,990.00
 % complete: 80%</p> |
| <p>9. WATER SYSTEM INFRASTRUCTURE IMPROVEMENT PROGRAM
 Project Manager: Featherston
 Inspector: Brian Radford
 Contractor: Triton LLC
 REMARKS: Under construction.</p> | <p>Project No.: 09-E002
 Contract Amount:
 % complete: 75%</p> |
| <p>10. CHAMPION LAKE EMERGENCY AERATION EQUIPMENT
 Project Manager: Featherston
 Contractor: Louisiana Lift Station
 REMARKS: Construction in progress.</p> | <p>Project No.: 05-F020
 Contract Amount:
 % complete: 70%</p> |
| <p>11. PORT LIFT STATION EMERGENCY UPGRADE
 Project Manager: Featherston
 Contractor: Agape Construction
 REMARKS: Pending equipment delivery.</p> | <p>Project No.: 05-F025
 Contract Amount:
 % complete: 0%</p> |

PRIVATE PROJECTS UNDER CONSTRUCTION

- | | |
|---|-----------------------|
| <p>1. THE OAKS
 Project Manager: McClure
 Inspector: Hendricks
 Contractor: Yor-Wic
 REMARKS: Awaiting punch list.</p> | <p>Private</p> |
| <p>2. RIVERBROOK NO. 3
 Project Manager: McClure
 Inspector: Mudd
 Contractor: Branch
 REMARKS: Utilities installed; awaiting paving to complete.</p> | <p>Private</p> |
| <p>3. HAVENS SUB: NO. 21
 Project Manager: McClure
 Inspector: Mudd
 Contractor: JPD
 REMARKS: Construction in progress.</p> | <p>Private</p> |
| <p>4. CONCORDIA SUB.
 Project Manager: McClure
 Inspector: Mudd
 Contractor: Pulley
 REMARKS: Awaiting finalized punch list.</p> | <p>Private</p> |
| <p>5. NORRIS FERRY CROSSING NO. 6
 Project Manager: McClure
 Inspector: Mudd
 Contractor: TBD
 REMARKS: Addressing punch list items.</p> | <p>Private</p> |

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| 6. | NORRIS FERRY LANDING NO. 7
Project Manager: McClure
Inspector: Bates
Contractor: TBD
REMARKS: Addressing punch list items. | Private |
| 7. | SOUTHERN TRACE PH. V, SEC. XXVI
Project Manager: McClure
Inspector: Bates
Contractor: R. L. Branch
REMARKS: Addressing punch list items. | Private |
| 8. | BIENVILLE PATH NO. 4
Project Manager: McClure
Inspector: Mudd
Contractor: R. L. Branch
REMARKS: Construction in progress. | Private |
| 9. | FERN AVENUE OFFICE PLAZA NORTH
Project Manager: McClure
Inspector: Mudd
Contractor: R. L. Branch
REMARKS: Awaiting construction. | Private |
| 10. | PUGH & STRATMORE SEWER MAIN EXTENSION
Project Manager: McClure
Inspector: Mudd
Contractor: Perot Plumbing
REMARKS: Construction in progress. | Private |
| 11. | ESPLANADE SUBDIVISION
Project Manager: McClure
Inspector: Mudd
Contractor: Pulley Construction
REMARKS: Awaiting completion of lift station. | Private |
| 12. | COTTAGE RIDGE PHASE III
Project Manager: McClure
Inspector: Mudd
Contractor: Yor-Wic
REMARKS: Construction in progress. | Private |
| 13. | HAVENS PHASE 22
Project Manager: McClure
Inspector: Mudd
Contractor: JPD
REMARKS: Construction to begin in December. | Private |

INTER-OFFICE MEMORANDUM
City of Shreveport

DEPARTMENT OF OPERATIONAL SERVICES

Office of the City Engineer

Phone: (318) 673-6000

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DATE: December 15, 2010

TO: Rick Seaton
Assistant CAO

FROM: Ron Norwood, P.E.
City Engineer

SUBJECT: Proposed Water & Sewer Program – Revision No. 8

Attached is a detailed listing, by Council District, of Unfunded Water & Sewer Projects. Included in this Revision No. 8 for 2010 are two (2) new, defined water & sewer projects. The listing reflects a current unfunded project inventory totaling **\$723** million.

I am available to discuss this at your convenience.



Ron Norwood, P.E.
City Engineer

RN:ism

Attachments

DISTRICT "A" UNFUNDED PROJECTS

WATER MAINS

	<u>COST</u>
Thomas St from Grimmet to North Market 2100 LF 8" water main replacement of 2"	\$378,000
Clay from Western to Allen and Western from Clay south to mid block undersized lines adjacent to project	\$525,000
Alston from Webster to Dale 1000 LF 8" water main replacement of 2" and additional undersized lines adjacent to project	\$150,000
Garden from Holzeman to Norma 1400 LF 8" water main replacement of 2" and additional undersized lines adjacent to project	\$250,000
Texas Street Bridge at Lakeshore Drive 24" water main attached to bridge structure	\$183,750
Downtown Airport Water and Sewer Extensions 3500 LF 10" water main, sewer Lift Station, and force main; coordinate with Airport Authority	\$315,000
Wells Island Rd Water Main Extension 1600 LF 10" water main along Wells Island Rd West of Mayfair Dr	\$210,000
Aero Drive Water Main Extension 3000 LF 12" water main	\$756,000
Audrey, Falcon Loop, Towers, Aline, and Thatcher Streets Water Main Improvements 5000 - 7000 LF of 8" water main Audrey from MLK to Doll, Falcon Loop from Hawkins to Towers, Towers from Montana to Hawkins, Aline from Sampson to Northside, Thatcher from Airport to EOL	\$1,260,000

Shreveport Blanchard Hwy Water Main Improvements (from Hearne to MLK) with LA DOTD street widening project	\$3,675,000
Jefferson Paige Water Main 5600 LF of 12" water main replacement	\$705,600
Simms Island Finn & Agurs Replace 4500 LF of 2" water main to 8" water main	\$472,500
Weinstock Monclure Off Peabody Replace 3000 LF of 2" water main to 8" water main	\$315,000
Bouisseau White & Myrtle Replace 4500 LF of 2" water main to 8" water main	\$472,500
1800/2100 Logan Garland & Pollard Replace 6500 LF of 2" water main to 8" water main	\$682,500
Christopher Clay Chester Sheppard Replace 6500 LF of 2" water main to 8" water main	\$682,500
Alston, St. Paul, St. John, Grover, and Marabella Area Replace 12,000 LF of 2" water main to 8" water main	<u>\$1,260,000</u>
North Shreveport Elevated Water Storage Tank New 2 MG elevated water storage tank in North Shreveport to provide stable water pressure.	<u>\$3,500,000</u>
TOTAL	<u><u>\$15,793,350</u></u>

DISTRICT "A" UNFUNDED PROJECTS

SEWER MAINS

	<u>COST</u>
David Raines Lift Station Replace pumps, piping and controls and line wet well.	\$577,500
North Highlands Area (N. Market) 6500 LF of 21" Sewer Gravity Line	\$1,023,750
2900 Block Hattie Street Sewer Improvements 920 LF 8" sewer improvements	\$225,750
3200 Block Marjorie Street Sewer Improvements 880 LF 8" sewer improvements	\$157,500
3200 Block Sidney Street Sewer Improvements 730 LF 8" sewer improvements	\$157,500
Pine Hill Road Lift Station Replace/upgrade electrical equipment, misc. repairs to Lift Station climate control and structure, and wet well rehabilitation.	\$525,000
Willow Point II Lift Station Replace pumps and station piping.	\$525,000
Havana Lift Station Replace controls, valves, piping and service disconnects; install SCADA	\$378,000
Linear Lift Station Replace/upgrade electrical equipment, misc. repairs to Lift Station climate control and structure, and wet well rehabilitation.	\$577,500

Off of North Market and Poleman Rd. - Sewer Line Rehab and/or Replacement (NW of North Market and MLK)	\$1,050,000
Clean, TV, Repair 21" gravity sewer approximately 3200 LF and repair to manholes	
East West Ave Sewer Main Improvements	\$630,000
Replace/Rehab 10" and 8' sewer mains	
Public Landing	\$80,000
Replace pumps, valves, control panel.	
Mirador Lift Station	\$525,000
Misc. repairs to Lift Station climate control and structure. Install new control Lift Station and SCADA	
Blanchard Rd/Havana St, MLK Drive Widening Project	\$2,835,000
Upgrade undersized sewer and water mains, eliminate a pump station in conjunction with MLK widening by LA DOTD; project on hold	
Tou-Don Sewer Main Repair	\$157,500
200 LF of 10" and 1400 LF of 12" sewer main replacement	
Yarbrough from Autumn to Parkwood, down Parkwood to Dianne and up Autumn	\$338,625
4300 LF of 8" sewer main replacement	
Municipal Pier from Yacht Club to Lakeshore	\$201,600
2400 LF of 4" force main replacement	
Lakeshore from Willow Point 1 Lift Station to Briarcliff	\$236,250
2,500 LF of 6" force main replacement	
TOTAL	<u>\$10,201,475</u>

DISTRICT "B" UNFUNDED PROJECTS

WATER MAINS

	<u>COST</u>
Tulane Water Main 3,300 LF of 8: water main to replace undersized water main	\$346,500
Doris St, State St, and Lash St from St.Vincent to Linwood Water Improvements 3400 LF 8" water main replacement and adjacent undersized mains	\$892,500
Boulevard from Thornhill to Dillingham & from Creswell to Highland water main upgrade Replace 2.5" water main	\$378,000
Rendal and Leander Streets from Southern to Barret water main upgrade Replace 2" water main	\$378,000
Blanchard Place from Fairfield to Barret water main upgrade Replace 2" water main	\$336,000
Stephenson and Jefferson Streets from Fairfield to Line water main upgrade Replace 2" water main	\$420,000
Centenary from Washington to Columbia water main upgrade Replace 2" water main	\$157,500
Atkins from Alexander to Centenary water main upgrade Replace 2" water main	\$183,750

Rutherford from Woodlawn to Holly water main upgrade Replace 2" water main	\$288,750
East Merrick and East College from Holly to Youree, and other adjacent undersized water lines in QS X-57 - Water Main upgrades Replace 2.5" water main	\$630,000
Christian St from View St to Milam St Water Improvements 2000 LF 10" water main replacement and about 2000 LF replacing adjacent undersized lines	\$630,000
Southern Ave from Jordan to St.Vincent Water Improvements 7000 LF 16" water main replacement	\$1,260,000
Baker from EOL at I-20 to Snow and Snow from Baker to Common 1500 LF 8" water main replacement	\$262,500
Wells St Water Main Extension 2250 LF 8" water main replacement and extension	\$262,500
Glen Oak from Dowdell to William water main upgrade Replace 2" water main	\$262,500
QS AA-52 & BB-52 Water Main Improvements (Adjacent to the 3-phased Corbitt Area Sewer & Water Improvements) Approx. 12000 LF water main upsize in QS AA-52 & BB-52 (Streets including Michel, Caroline, Alma, Belmont, Joplin, Ridgemoor, Doris, Earl, State)	\$1,942,500
Richmond from Ockley to Erie Water Improvements undersized mains	\$1,050,000

Marshall from Franklin to Stoner	\$682,500
4200 LF 12" water main improvements	
St. Vincent Ave.	\$525,000
2,800 LF of 8", 3,000 LF of 12" water main replacement	
N. Western, Clay, Alston, and Fuller Area	<u>\$1,050,000</u>
Replace 10,000 LF of 2" water main to 8" water main	
TOTAL	<u><u>\$12,148,500</u></u>

DISTRICT "B" UNFUNDED PROJECTS

SEWER MAINS

	<u>COST</u>
South Highland Lift Station Replace pumps, electrical, controls, SCADA, station piping, and flowmeter.	\$1,500,000
Corbitt Area Sewer and Water Improvements, Phase 20,650 LF of sewer and 5900 LF of water over three phases	\$2,100,000
Corbitt Area Sewer and Water Improvements, Phase 20,650 LF of sewer and 5900 LF of water over three phases	\$1,785,000
300 Block College Street 1,250 LF of 8" sewer main replacement	\$100,000
700 Block Robinson/Wilkinson 730 LF of 8" sewer main replacement	\$60,000
2600 Block Dillard 1,100 LF of 8" sewer main replacement	\$90,000
1400 & 1500 Oakdale 1,300 LF of 8" sewer main replacement	\$105,000
Downtown Area Sewer Gravity System 15000 LF of 16' 18" 24" sewer main replacement	\$2,756,250
Unadilla and Trabue from Line to Fairfield Sewer Improvements 2400 LF 8" sewer main replacement	\$682,500

Line, Dalzell, College, & Dillingham Streets Sewer Improvements Approx 5400 LF 8" & 10" sewer main replacement	\$945,000
Wilkinson to Stephenson, west of and along Creswell and between Robinson and Wilkinson east to 4500 LF 12" sewer main improvements	\$756,000
1300 Block Summers St Sewer Improvements 450 LF 10" sewer main replacement	\$189,000
College from Coty to Centenary Sewer Improvements 680 LF 8" sewer main replacement	\$189,000
Gladstone (southern rear) from Creswell to Highland Sewer Improvements 600 LF 8" sewer main replacement	\$189,000
East Robinson from Centenary to Cornwell (alley north Robinson) 2000 LF 8" sewer main replacement	\$577,500
Baltimore, Richmond CIPP 4075 LF 8" & 10" CIPP Lining	\$393,750
3000 Block Southern Ave Sewer Improvements 1250 LF 8" sewer main replacement	\$210,000
Prospect (rear) from Gilbert to Morehead Sewer Improvements 800 LF 8" sewer main replacement	\$157,500
Jordan (southern rear) from Coty to Centenary 510 LF 8" sewer main replacement	\$147,000
2600 Block of Emery Sewer Repair 930 LF 8" sewer main improvements (need TV to determine CIPP possibility)	\$131,250

800 & 900 Blocks of Unadilla Street Sewer Main Improvement	\$100,000
1275 LF of 8" sewer main replacement	
1300 Block Summer Street Sewer Main Improvement	\$45,000
450 LF of 10" sewer main replacement	
Marshall & McNeil (Down Town)	<u>\$420,000</u>
4,000 LF of 10" sewer main replacement	
TOTAL	<u><u>\$13,628,750</u></u>

DISTRICT "C" UNFUNDED PROJECTS

WATER MAINS

	<u>COST</u>
Thornhill, 62nd-65th Water Main 1,300 LF of 6" water main replacement	\$122,850
Multiple Streets in QS DD-55 including Bates, Daniel, Bethany, Myra, Liberty, Beckett, and Dillingham Water Improvements 3150 LF 8" water main replacement	\$882,000
Grover from Patton to Preston and Preston from Youree to Anniston Water Improvements 1900 LF 8" water main replacement	\$504,000
Kayla from Youree To Anniston Water Improvements 3250 LF 8" water main replacement	\$630,000
Russell from Grover to Anniston Water Improvements 1000 LF 8" water main replacement	\$262,500
Carrollton from Akard to Steere, Steere from Leo to Pennsylvania, and Southfield and Steere Water Improvements 2100 LF 8" water main replacement	\$630,000
Atlantic from Norway to Youree and Akard from Atlantic to Albert Water Improvements 4100 LF 8" water main replacement	\$1,050,000
Glen Iris from Erie to Ontario Water Improvements 900 LF 8" water main replacement	\$199,500
Pennsylvania (Fern to Youree) 4,100 LF of 8" water main replacement	\$322,875

Carrolton (Youree to East Kings)	\$378,000
4,800 LF of 8" water main replacement	
Greenway and Broadmoor	\$551,250
7,000 LF of 8" water main replacement	
TOTAL	<u>\$5,532,975</u>

DISTRICT "C" UNFUNDED PROJECTS

SEWER MAINS

	<u>COST</u>
Querbes Lift Station Replace pumps, electrical, controls, SCADA, station piping, and flowmeter.	\$4,000,000
Delaware Lift Station Replace pumps, station piping, and flowmeter; alternatively install new package Lift Station and larger wet well.	\$550,000
Richmond and Avery 450 LF of 10" sewer main replacement	\$50,000
Alleys North and South of Johnette Street Sewer Improvements 2000 LF 8" sewer main replacement	\$577,500
Anniston Sewer Improvements 1575 LF 8" sewer CIPP Lining and manhole rehabilitation	\$393,750
Alleys North and South of Greenway Place (3700 & 3800 Blocks) Sewer Improvements 9000 LF 8" sewer main replacement	\$2,835,000
Alley South of the 300 Block of Wilder Place Sewer Improvements 1000 LF 15" sewer main replacement	\$446,250
Alley South of Patton Avenue from Grover to Kings Hwy Sewer Improvements 4000 LF 8" sewer main replacement	\$787,500

Drexel and Thornhill West of Line Ave Sewer Main Replacement & Improvements 2150 LF 10", 15", and 24" sewer main replacement	\$525,000
6700 Block Gilbert Sewer Improvements 525 LF 8" and 315 LF 12" sewer main	\$262,500
Sherwood and Lexington Sewer 8" sewer, scope to be refined	\$210,000
Northwest of Fairfield and Pierremont intersection sewer main replacement 8" sewer, scope to be refined	\$210,000
Fairfield from 64th to 70th 2100 LF 10" sewer main replacement	\$330,750
Knight Street Lift Station - Odor Control & Force Main Replacement Odor control & 2000 LF 6" force main replacement	\$630,000
Stoner Force Main Replacement Rehabilitate/Replace part of Stoner Force Main	\$10,000,000
300 Block Pennsylvania Avenue and Alley East of Clingman Drive Sewer Improvements 600 LF 10" and 8" sewer main replacement	\$199,500
300 & 400 Blocks of Ockley Drive Sewer Improvements 4400 LF 8" sewer installation	\$1,470,000
Querbes Area Phase I 2,000 LF of 6", 3,260 LF of 8", 2,500 LF of 10", 370 LF of 12", 1,850 LF of 15" sewer main replacement	\$1,050,000
Querbes Area Phase II 2,070 LF of 6", 6,230 LF of 8", 4,800 LF of 10", 1,200 LF of 12" sewer main replacement	\$1,575,000
Captain Shreve Drive 720 LF of 8", 330 LF of 10", 2320 LF of 12" sewer main replacement	\$420,000

Line & Dillingham Sewer Main (70th to Sherwood & Line to Drexell)	\$315,000
1,800 LF of 10" & 2,000 LF of 8" sewer main replacement	
Querbes Dr. & Brookmeade Dr. Sewer Improvements	<u>\$341,250</u>
1,400 LF of 15", 1,650 LF of 12" sewer main replacement	
TOTAL	<u><u>\$27,179,000</u></u>

DISTRICT "D" UNFUNDED PROJECTS

WATER MAINS

	<u>COST</u>
900 Ascalon; 600 E71 - 735 E71 ; 7600 - 7800 Gideon; 7600 Altus Water Main Improvements Replace 2.5" water main	\$929,250
Renture St at Liberty Water Improvements 1400 LF 8" water main replacement	\$330,750
Janie Lane from Glen Erica to Spring Lake Water Improvements 1750 LF 10" water main replacement	\$567,000
Woodmont from Wyngate to Westbrook Water Improvements 1600 LF 8" water main replacement	\$288,750
Mayo Rd from Linwood to Wallace Lake 7750 LF 12" water main	\$1,050,000
Ellerbe Rd from Railsback to Nottingham 11100 LF 16" water main	\$1,837,500
South Shreveport Water Transmission Main 26,000 LF of 24" water main to loop southern end of Caddo/Bossier Port	\$6,000,000
Forbing Woods Subd. Water Main 4,600 LF of 8" water main replacement	\$483,000
Inner Loop & Flournoy-Lucas Rd. Transmission Water Main (Bert Kouns to Youree Drive) 12,000 LF of 30" water main	\$3,780,000
TOTAL	<u><u>\$15,266,250</u></u>

DISTRICT "D" UNFUNDED PROJECTS

SEWER MAINS

	<u>COST</u>
Caddo/Bossier Port Lift Station Replace pumps, electrical, controls, SCADA, station piping, and flowmeter. Expand Lift Station Capacity	\$3,000,000
Kingstowne Sewer Improvements Reroute/rehab 15" sewer or install Lift Station to prevent overflow	\$630,000
MH 18 QS EE-56 Odor Control Odor control at MH 18 and 2 manholes downstream - biofilter inserts	\$5,250
Ashley Ridge Install additional capacity	\$157,500
Wallace Force Main Replacement Rehabilitate/Replace part of Wallace Force Main	\$12,000,000
Stratmore Lift Station Replace pumps and station piping.	\$525,000
North Pierre Lift Station Modify MCC room & install climate control & HVAC	\$378,000
Cedar Grove Force Main Replacement Rehabilitate/Replace part of Cedar Grove Force Main	\$8,000,000
Alley S. of 80th St. from Linwood to St. Vincent Ave. & Dowdell St. South to Dead-end Sewer Main 1,600 LF of 8" sewer main replacement	\$126,000

Rainbow Ave., Line to Harris Sewer Main	\$239,400
2,400 LF of 12" sewer main replacement	
Broadmoor Sewer Outfall 48" Sewer Main	\$2,600,000
4,500 LF of 48" sewer main replacement	
TOTAL	<u><u>\$27,661,150</u></u>

DISTRICT "E" UNFUNDED PROJECTS

WATER MAINS

	<u>COST</u>
North Southland Park Drive Water Main Improvements Replace 2350 LF 8" water main and 950 LF 3" water main	\$630,000
Industrial Loop from Mansfield to Blom Water Improvements 4500 LF 12" water main replacement	\$945,000
Silver Pines and Frostwood from Lotus to Jonathan and Price from Frostwood to Jonathan Water Improvements 4750 LF 8" water main replacement	\$756,000
Francis from Kingston to Midvale Approx. 1500 LF 8" water main replacement	\$236,250
West Pressure Zone Altitude Valve Replace existing altitude valve	\$31,500
Leaside, Warwick and Royalton 4,300 LF of 8" water main replacement	\$451,500
TOTAL	<u><u>\$3,050,250</u></u>

DISTRICT "E" UNFUNDED PROJECTS

SEWER MAINS

	<u>COST</u>
West Shreveport Lift Station Replace pumps, valves, piping, electrical and controls	\$500,000
Huntington Lift Station Replace all controls, valves, gates, pumps piping, by-pass and service disconnect; install SCADA	\$500,000
Southern Hills Interceptor 5800 LF 30" sewer main; two emergency projects complete and remainder put on hold for additional evaluation	\$2,000,000
Mackey Lane Lift Station Replace electrical, controls, SCADA. New roof.	\$157,500
Wallace Interceptor CIPP Lining of 12,000 LF of 36", 4,000 LF of 48" and 7,000 of 54" sewer main	\$5,250,000
TOTAL	<u>\$8,407,500</u>

DISTRICT "F" UNFUNDED PROJECTS

WATER MAINS

	<u>COST</u>
2400-2600 Lindholm water and sewer 2500 LF 8" water main replacement and 1000 LF 8" & 15" sewer main replacement	\$283,500
Devaughn from Mansfield west to EOL 1600 LF 8" water main replacement	\$294,000
Devaughn from Rightway Rd to Hudson 3115 LF 8" water main replacement	\$525,000
Drexel from Virginia west to Rightway Rd (Railroad) 500 LF 8" water main replacement	\$210,000
Hollywood Ave at northwest corner of Shreveport Regional Airport 3200 LF 12" water main improvements	\$525,000
Corbitt from Wallace to Hudson 6500 LF 8" water main replacement	\$756,000
West 78th from St.Vincent to Dillman Water Improvements 700 LF 8" water main replacement	\$183,750
West Canal from Hollywood to 70th 5700 LF 12" water main replacement	\$1,575,000
Hudson from Midway to Clark 3600 LF 8" water main replacement	\$525,000
Woodrow St. Water Main (Wallace to Linwood) 1,250 LF of 8" water main replacement	\$131,250

Damaka, Bringham, Melrose & 80th Street Water Main	\$735,000
7,000 LF of 8" water main replacement	
Financial Plaza Loop	\$126,000
1,000 LF of New 12" water main to loop system	
Dixie and Frances	\$283,500
2,700 LF of 8" water main replacement	
TOTAL	<u><u>\$6,153,000</u></u>

DISTRICT "F" UNFUNDED PROJECTS

SEWER MAINS

	<u>COST</u>
Hearne from Midway to Westover (except between Drexel and Woodford and the 1/2 block south of Lindholm) 8000 LF 15" sewer main replacement	\$630,000
AMI Lift Station Increase capacity, new electrical and controls	\$525,000
Cedar Grove Trunk Main Repair 10,000 Lf of 24", 36" and 42" sewer main repair/replacement	\$3,000,000
Alley N of Woodford (between Drexel and Woodford from Hearne to Mansfield) 3100 LF 8" sewer main replacement	\$262,500
Lindholm & Woodford from Mansfield to Hearne 3000 LF 8" sewer main replacement	\$735,000
Devaughn to Virginia to Drexel 2500 LF 8" sewer main replacement	\$630,000
Between Midway and Devaughn from Hudson to Fairy 1400 LF 8" sewer main replacement	\$315,000
66th Street from Clift to Wallace 600 LF 8" sewer main replacement	\$157,500

Clift Ave and 72nd St 1100 LF 8" sewer main replacement	\$210,000
Corbitt from Velva to West of Fairy 850 LF 8" sewer main replacement	\$157,500
Canal at Grassmere 1750 LF 8" sewer main replacement, also adjacent sewer Parkridge and Sunnybrook to Quilen	\$577,500
Clark from Jewella to Alto Vista 2500 LF 12" sewer main replacement	\$420,000
Pixley and Snowden Streets 2500 LF 12" sewer main replacement	\$420,000
5300 Block Virginia Sewer Improvements 1000 LF 8" sewer main replacement	\$183,750
3950 West 70th Street water and sewer Extension of water and sewer, scope to be refined	\$157,500
North Cedar Grove Area Sewer Main 12,000 Lf of 8" sewer main replacement	\$945,000
Huntington Area, Huntington Ln., Windsor, Burlingame Blvd. Sewer Main 4,500 LF 8" sewer main replacement	\$354,375
TOTAL	<u><u>\$9,680,625</u></u>

DISTRICT "G" UNFUNDED PROJECTS

WATER MAINS

	<u>COST</u>
Maywood Water Main 3600 LF of 8" water main replacement	\$378,000
Lillian, West College, Catherine, and Frederick from Jewella to Hearne 25,000 LF 8" water main replacement	\$3,780,000
Merrill from Hardy north to EOL 350 LF 8" water main replacement	\$105,000
3500 Block Woodrow 600 LF 8" water main replacement	\$120,750
Buncombe Rd sections from Flournoy-Lucas to Bert Kouns Industrial Loop to Woolworth Rd 1300 LF 16" and 1300 LF 12" water main	\$577,500
4100-4200 Block Barbara from Greenwood to Lyba 2500 LF 8" water main replacement	\$399,000
2800-2900 Block Mertis 2000 LF 8" water main replacement	\$262,500
2900-3100 Block Chestnut 2000 LF 8" water main replacement	\$262,500
Greenwood Rd from Broadacres to Bert Kouns Industrial Loop 6200 LF 16" water main	\$1,050,000
Greenwood Road and I-220 Water Main 4200 LF of 24" water main replacement	\$882,000
Greenwood Road Water Main 2,000 LF of 8" and 8,000 LF 12" of water main	\$1,260,000
Dinkins and GM 15,000 LF of 16" water main replacement	<u>\$2,362,500</u>
TOTAL	<u>\$11,439,750</u>

DISTRICT "G" UNFUNDED PROJECTS

SEWER MAINS

	<u>COST</u>
Gorton Road Lift Station Replace pumps, valves and control panel	\$131,250
Looney Lift Station Replace "can" Lift Station with new package Lift Station and wet well.	\$600,000
Hasset (western alley) from Sunset to Michigan 2000 LF 8" sewer main replacement	\$378,000
4100 Block San Jacinto 500 LF 8" sewer main replacement	\$131,250
Wildwood and Homeacres Subdivision Review sewer service in area and refine scope of project	\$262,500
Noxubee Drive Sewer and Water Extensions 800 LF 8" water and sewer main installation	\$183,750
Country Club Hills Lift Station Replace pumps, valves, controls, and SCADA, install by-pass	\$157,500
Sunset Lift Station Replace/upgrade electrical equipment and misc. repairs to Lift Station structure.	\$378,000
Rockwell Lift Station Replace pumps, valves and control panel.	\$131,250
Bickham Force Main (Flores to I-20) 3,300 LF of 24" force main replacement	\$693,000

Jackson St. from Mertis to Boss 850 LF of 8" and 500 LF 10" sewer main replacement	\$105,000
Stonewall from Virginia to Carrie 1800 LF of 8" sewer main replacement	\$141,750
Darien Area Sewer Main of 18 " sewer main replacement	\$682,500
Sunset Force Main Replacement Replace 1400 LF of 4" force main	\$117,600
Harvard Area Sewer Main Replacement Replace 5000 LF of 8" sewer main	\$393,750
Pines Road 1,800 LF of 36" sewer main replacement	\$472,500
Buncombe Road Sewer Extension 3500 LF of 8" sewer main extension	\$515,000
TOTAL	<u><u>\$5,474,600</u></u>

GENERAL CITYWIDE UNFUNDED PROJECTS

WATER

	<u>COST</u>
Water System Master Plan Capital improvements plan for water treatment and water distribution	\$1,260,000
Supervisory Control and Data Acquisition (SCADA) Upgrade Phase 2 Upgrade to SCADA systems for water and wastewater	\$700,000
Amiss Water Treatment Plant - Plant 2E Repair and rehabilitation of Plant 2E including structural, equipment, and coatings	\$10,500,000
Amiss Water Treatment Plant - New High Service Pumps New high service pumps for additional pumping capacity	\$3,000,000
Amiss Water Treatment Plant - Improvements to Lime and Caustic Feed Systems New chemical feed equipment and building modifications	\$10,000,000
Amiss Water Treatment Plant - Raw Water Piping Modifications Modifications to the raw water piping for a redundant feed system	\$3,000,000
Membrane Pilot Study for New Water Plant Pilot study to determine appropriate equipment and cost for new water treatment plant on the Red River	\$1,500,000

Amiss Water Treatment Plant - Ozone Monitoring and Sampling New system to monitor ozone system	\$1,600,000
System-Wide Tank Cleaning, Repair and Repainting Clean, repair and paint existing water distribution system storage tanks	\$3,000,000
Amiss Water Treatment Plant - Modifications to Plant 1 Post Ozone Basin Modifications to the basin to increase capacity of the plant	\$1,500,000
New Facilities for Field Operations at Greenwood New building/offices	\$10,500,000
68th and Union Pump Station Modifications New pumps, piping and valves	\$1,575,000
70th and Pines Pumping Station Modifications New pumps, piping and valves	\$6,090,000
Amiss Water Treatment Plant - Ozone System New ozone equipment, piping and controls	\$17,325,000
Amiss Water Treatment Plant - Filter Modifications Upgrade filters	\$945,000
Amiss Water Treatment Plant Filter Cleaning Clean existing filter media	\$1,000,000
Twelve Mile Bayou Pump Station - Pumping Replace pumps and electrical	\$7,665,000
Twelve Mile Bayou Pump Station - Pipeline to Cross New pipeline to Cross Lake	\$10,000,000
Inner Loop Pump Station and Storage Facility - Phase New 5 MG storage tank	\$5,250,000
Improvements to Cross Lake Dam Modifications to dam to add fill and relocate railroad	\$15,000,000

New 30 MGD Water Treatment Plant - Phase I	\$168,000,000
New water plant to treat Red River water located near the Port	.
New 30 MGD Water Treatment Plant - Phase II	\$168,000,000
New water plant to treat Red River water located north of the City	
Renewal and size upgrade for district wide undersized and aging water mains	<u>\$30,000,000</u>
Replace undersized diameter water mains and replace any other deteriorated water mains. Estimate water mains will need upgrade or replaced using directional bore or open cut methods.	
TOTAL	<u><u>\$477,410,000</u></u>

GENERAL CITYWIDE UNFUNDED PROJECTS

SEWER

	<u>COST</u>
Lift Station Maintenance Building New building for lift station personnel and equipment	\$1,200,000
Lucas Wastewater Treatment Plant Effluent Line Repair of 60 inch effluent line	\$300,000
New Control and Communication Panels - Citywide Replace or upgrade control panels and SCADA communication panels	\$2,100,000
Wastewater System Master Plan Capital improvements plan for wastewater treatment and sewer collection system including sanitary sewer evaluation and hydraulic modeling. This work will be required by EPA to evaluate and prioritize projects to be completed as a part of an impending consent decree.	\$3,000,000
North Regional Wastewater Treatment Plant Sludge System Improvements Additional sludge dewatering equipment	\$3,780,000
Miscellaneous Improvements at the Lucas Wastewater Treatment Plant Improvements to repair digester pump station building, digester blowers, odor control, and UV building.	\$6,000,000
Lucas Wastewater Treatment Plant Flow Equalization Basin Improvements Repair to existing flow equalization basins	\$6,000,000
North Regional Wastewater Treatment Plant Flow Equalization Basin Repairs	\$4,515,000

Emergency Generators for Lucas and North Regional Wastewater Treatment Plants New auxiliary power units	\$3,150,000
Biosolids Facility Modifications Upgrade and repairs to biosolids facility including new dewatering equipment and dry product storage area	\$4,200,000
Upgraded Road to North Regional WWTP Elevate existing roadway to the plant including intersection at Russell Road to allow normal vehicular traffic during periods of flooding	\$1,300,000
Rehabilitation and renewal for district wide deteriorated and aging sewer mains and manholes Estimate sewer mains for rehab or replacement using CIPP, directional bore, pipe-bursting, or open cut methods, and concurrently rehab/replace manholes	\$30,000,000
Miscellaneous Lift Station Repairs Upgrade lift stations system-wide	<u>\$8,400,000</u>
TOTAL	<u><u>\$73,945,000</u></u>

SUMMARY OF UNFUNDED PROJECTS

WATER AND SEWER

	<u>SEWER</u>	<u>WATER</u>	<u>TOTAL COST</u>
District A	\$10,201,475	\$15,793,350	\$25,994,825
District B	\$13,628,750	\$12,148,500	\$25,777,250
District C	\$27,179,000	\$5,532,975	\$32,711,975
District D	\$27,661,150	\$15,266,250	\$42,927,400
District E	\$8,407,500	\$3,050,250	\$11,457,750
District F	\$9,680,625	\$6,153,000	\$15,833,625
District G	\$5,474,600	\$11,439,750	\$16,914,350
General Citywide	\$73,945,000	\$477,410,000	<u>\$551,355,000</u>
	TOTAL PROGRAM		<u><u>\$722,972,175</u></u>

INTER-OFFICE MEMORANDUM
City of Shreveport

DEPARTMENT OF OPERATIONAL SERVICES

Office of the City Engineer

Phone: (318) 673-6000

Fax: (318) 673-6004

DATE: December 15, 2010


TO: Rick Seaton
Assistant CAO

FROM: Ron Norwood, P.E.
City Engineer

SUBJECT: Proposed Transportation Program – Revision No. 7

Attached is a detailed listing, by Council District, of Unfunded Transportation Projects. Included in this Revision No. 7 for 2010 are three (3) new, defined transportation projects. The listing reflects a current unfunded project inventory totaling **\$647** million.

I am available to discuss this at your convenience.



Ron Norwood, P.E.
City Engineer

RN:ps

Attachments

DISTRICT "A" UNFUNDED PROJECTS

TRANSPORTATION

	<u>COST</u>
Joe Louis Reconstruction MLK to Jameson	\$ 1,100,000
Jackie Robinson MLK to Kelsey	600,000
Audrey Lane (Reconstruction) Aline Drive to Kemp Lane	1,350,000
Kemp Lane (Reconstruction) Round Grove to Circle Drive	2,200,000
Downing Street (Reconstruction) Martin Luther King Drive to Ironwood	800,000
Ravendale @ Old Mooringsport Road	850,000
Roy Road Widening (4 Lanes) Shreveport-Blanchard Highway to Old Mooringsport Road	11,500,000
Fant Parkway Extension Mayfair Street to Ravendale Drive (Four-Lane w/Median)	25,000,000
South Lakeshore (3 lanes) Lakeshore Drive to Lakeshore Drive	5,000,000
Livingston Avenue Improvements Cul-de-sac East end	70,000
University Park Subdivision (Pavement replacement)	3,600,000
S. Lakeshore Bridge Replacement	2,200,000
Linwood Overpass (Replacement)	15,600,000
Hersey D. Wilson Drive Hill to Legardy	<u>3,000,000</u>
TOTAL	\$72,870,000

DISTRICT "B" UNFUNDED PROJECTS

TRANSPORTATION

	<u>COST</u>
Kings Highway Corridor Improvements Youree to I-49 (widen & off-street parking)	\$ 9,000,000
1700 Block Oakdale Street Reconstruction	650,000
Streetscape Improvements First Methodist Church/DDA	1,400,000
Rosary Lane (New sidewalk) East side Rosary Drive from Hickory Street to Cox Street	100,000
Thornhill Avenue (Street reconstruction)	650,000
Line @ Ockley Add turn lanes	1,500,000
Hollywood @ Mansfield Add turn lanes	1,200,000
Murphy Street Viaduct (remove/replace west abutment)	2,200,000
US 171 Midway Railroad Bridge (Improve drainage)	1,200,000
Stoner Avenue Overpass (Replacement) Over Line Avenue	<u>2,500,000</u>
TOTAL	\$ <u>30,400,000</u>

DISTRICT "C" UNFUNDED PROJECTS

TRANSPORTATION

	<u>COST</u>
Knight Street Preston to Frontage Road	3,500,000
4600/4700 Block Gilbert Avenue Reconstruction	1,200,000
71st Street Fairfield Avenue to Line Avenue	1,200,000
Akard Avenue (Reconstruction) Greenway Place to Southfield Road	2,500,000
Albert Avenue (Reconstruction) 800,000 Youree Drive to Anniston Avenue	960,000
East 70th @ Gilbert Add turn lanes	900,000
E. Southfield Extension to East 70th New Roadway	3,900,000
Fant Parkway @ Knight Street Extension	3,000,000
Red River Crossing @ 70th Street (New Bridge) (Est. \$35,000,000)	35,000,000
Fairfield & Ontario Roundabout Intersection	<u>600,000</u>
TOTAL	\$ <u>52,760,000</u>

DISTRICT "D" UNFUNDED PROJECTS**TRANSPORTATION**

	<u>COST</u>
Miriam Street Wardlow to Jessica	\$ 350,000
Albermarle Drive Line to Spring Lake Drive	1,600,000
78th Street Fairfield Avenue to Line Avenue	1,200,000
77th Street Fairfield Avenue to Line Avenue	1,200,000
76th Street Fairfield Avenue to Line Avenue	1,200,000
74th Street Fairfield Avenue to Line Avenue	1,200,000
73rd Street Fairfield Avenue to Line Avenue	1,200,000
72nd Street Fairfield Avenue to Line Avenue	1,200,000
Youree Drive Widening Sand Beach Boulevard to Millicent Way	16,000,000
Ellerbe Road Widening (3 Lanes), Including intersection @ Norris Ferry Road Norris Ferry to Flournoy-Lucas	3,100,000
Wallace Lake Road Widening (5 Lanes) Bert Kouns to Southern Loop	16,000,000
LA 3132; Flournoy-Lucas to Highway 1 (Four-Lane w/Median)	38,000,000
Linwood @ Mount Zion Slab Replacement	400,000

Turtle Creek Turn Lane	150,000
East 70th @ Creswell Add turn lanes	900,000
Millicent Avenue Extension/Bridge (3 Lanes) Creswell to Camelback	2,400,000
Sophia Lane Chicanes	<u>60,000</u>
	TOTAL \$ <u>86,160,000</u>

DISTRICT "E" UNFUNDED PROJECTS

TRANSPORTATION

	<u>COST</u>
Sarah Lane Hoyte to Mackey	780,000
700 Block Woodmont Place Roadway Reconstruction	900,000
Kingston Road Widening (3 Lanes) Roadway Reconstruction Flournoy Lucas Road to Williamson Way	3,000,000
Kingston Road Widening Roadway Reconstruction Bert Kouns to Crabapple Drive	3,500,000
Linwood Avenue Widening (4 Lanes) Industrial Loop to Southern Loop	\$12,000,000
Flournoy-Lucas Road Widening (3 Lanes) Kingston to Linwood	5,500,000
Southern Loop Extension Linwood to LA 526 (Four-Lane w/Median)	40,000,000
Kingston Road Extension (3 Lanes) New Roadway Williamson Way to Southern Loop	3,000,000
Williamson Way Extension Kingston to Linwood (asphalt with shoulders)	<u>1,800,000</u>
TOTAL	<u>\$70,480,000</u>

DISTRICT "F" UNFUNDED PROJECTS

TRANSPORTATION

	<u>COST</u>
Corbit Street - Mansfield Road to Ferry St. - 2700'	2,750,000
Malcolm Street – Lindholm Street to Mansfield Road - 2400'	2,600,000
Union Street - West 70th Street to 75th Street - 1800'	2,350,000
Crosby Street - Kennedy Drive to Jewella Avenue - 3900'	4,200,000
Baxter St. - Kennedy Drive to Broadway Street - 1300'	1,200,000
71st Street - Linwood Avenue to St Vincent Avenue - 1300'	1,200,000
72nd Street - Linwood Avenue to St Vincent Avenue - 1300'	1,200,000
73rd Street - Linwood Avenue to St Vincent Avenue - 1300'	1,200,000
74th Street - Linwood Avenue to St Vincent Avenue - 1300'	1,200,000
75th Street - Linwood Avenue to St Vincent Avenue - 1300'	1,200,000
76th Street - Linwood Avenue to St Vincent Avenue - 1300'	1,200,000
77th Street - Linwood Avenue to St Vincent Avenue - 1300'	1,200,000
78th Street - Linwood Avenue to St Vincent Avenue - 1300'	1,200,000
US 171 Midway Railroad Bridge (Improve drainage)	1,200,000
Morningside Drive (Box Culvert)	<u>175,000</u>
TOTAL	<u>\$24,075,000</u>

DISTRICT "G" UNFUNDED PROJECTS

TRANSPORTATION

	<u>COST</u>
Pines Road Widening (3 Lanes) 70 th to Bert Kouns	\$7,800,000
Buncombe Road Widening (3 Lanes) West 70 th to Bert Kouns	2,800,000
Extension of LA 526 (Ind. Loop) Jefferson Paige to Greenwood Road	8,800,000
Curtis Lane (3 Lanes) Greenwood to Lakeshore	3,200,000
Scenic Drive Paving (3800-4000 blocks) Asphalt paving with curb & gutter	720,000
Leslie Street Portland to Dead End	800,000
Jefferson-Paige Road – North Side (New sidewalk) Pines Road to Pineview Trailer Park	300,000
Catherine Street – 3600 Block (Reconstruction)	400,000
Kings Highway @ Hearne Avenue Fairgrounds entrance improvements	<u>2,000,000</u>
TOTAL	\$ <u>26,820,000</u>

GENERAL CITYWIDE UNFUNDED PROJECTS

TRANSPORTATION

	<u>COST</u>
Sidewalk Program	\$40,000,000
Traffic Signals/ITS	60,000,000
Street Lighting	8,000,000
Railroad Crossings	8,000,000
Neighborhood Streets Improvements	130,000,000
Economic Development	17,000,000
GIS/IT	<u>20,000,000</u>
TOTAL	<u>\$ 283,000,000</u>

SUMMARY OF UNFUNDED PROJECTS

TRANSPORTATION

	<u>COST</u>
District A	\$72,870,000
District B	30,400,000
District C	52,760,000
District D	86,160,000
District E	70,480,000
District F	24,075,000
District G	26,820,000
General Citywide	<u>283,000,000</u>
TOTAL PROGRAM	<u>\$ 646,565,000</u>

INTER-OFFICE MEMORANDUM
City of Shreveport

DEPARTMENT OF OPERATIONAL SERVICES

Office of the City Engineer

Phone: (318) 673-6000

Fax: (318) 673-6004

DATE: December 15, 2010

TO: Rick Seaton
Assistant CAO

FROM: Ron Norwood, P.E.
City Engineer

SUBJECT: Proposed Drainage Program – Revision No. 7

Attached is a detailed listing, by Council District, of Unfunded Drainage Projects. Included in this Revision No. 7 for 2010 is one (1) new, defined drainage project. The listing reflects a current unfunded project inventory totaling **\$109** million.

I am available to discuss this at your convenience.



Ron Norwood, P.E.
City Engineer

RN:ism

Attachments

DISTRICT "A" UNFUNDED PROJECTS

DRAINAGE

	<u>COST</u>
Jones-Mabry Lateral Paving (Improves major earthen ditch in MLK area)	\$ 2,200,000
MLK Ditch Paving (Linear Street upstream to existing paved section – 1994)	2,000,000
Red Stone Ditch Paving (MLK Area from Shreveport-Blanchard Road to MLK Drive)	1,200,000
North Highland Area Drainage (Empire Circle, Dearborn, Deer Park, Timber Lane, Wildwood Ave.)	1,100,000
Wintergarden Ditch Paving (Wintergarden to North Market) (Approximately 1100 l.f. 8' x 4' ditch paved)	800,000
MLK Ditch Paving (Jones Mabry to North of Willis)	6,000,000
Cherokee Park Ditch Improvements Improve major earthen ditch in Cherokee Park	1,700,000
Audrey Lane Ditch, Phase I (2800 Block Freddie to Thomas Howard – ditch paving)	800,000
Audrey Lane Ditch, Phase II (Thomas Howard to End – ditch paving)	1,200,000
1818 Booker T. Washington	<u>250,000</u>
TOTAL	<u>\$ 16,860,000</u>

DISTRICT "B" UNFUNDED PROJECTS

DRAINAGE

	<u>COST</u>
Ockley Ditch Improvements Normandy Village at Fairfield to Southern	\$ 3,000,000
Margaret Place @ Line Avenue (Drainage improvements)	620,000
Dillingham Ditch (600 and 700 Blocks of Robinson Place and Dalzell Street panel replacement)	600,000
2800 Corbitt Street (Drainage improvements)	450,000
1700 Block Oakdale Street	350,000
1700 Block Clanton Street	<u>360,000</u>
TOTAL	<u>\$ 5,380,000</u>

DISTRICT "C" UNFUNDED PROJECTS

DRAINAGE

	<u>COST</u>
Pierremont Park Ditch – Gilbert Lateral	\$ 1,800,000
Albert Street Drainage (from Youree east to Anniston Street)	800,000
Archer Drainage (3300 block of Youree to the 100 block of Archer)	1,000,000
Crescent/Gilbert	600,000
Southfield School (Richmond at Southfield) Drainage Improvements	<u>250,000</u>
TOTAL	<u>\$ 4,450,000</u>

DISTRICT "D" UNFUNDED PROJECTS

DRAINAGE

Brush Bayou Clearing & Dredging (Inner Loop to Flournoy-Lucas Road)	\$ 4,500,000
Juniper Place-River Oaks Ditch Improvements (Improve an existing earthen ditch to accommodate future Development in the area)	780,000
Box Culvert/Ditch along Bert Kouns (from Town South Apartments to Sand Beach Bayou)	1,200,000
Norris Ferry/Harts Island Study Projects (Estimated needs for future projects in the area)	6,000,000
100 Block Oakridge Drainage	1,080,000
Brush Bayou Paving (Mansfield Road @ Southern Pacific RR South to Mopac RR)	15,000,000
7700 Block Gideon Street (Babylon to Roselawn) New Subsurface System	185,000
East 74th Street (74 th south to alley) Ditch Collection System	280,000
Acadiana Ditch Paving (Stonebriar to Prestonwood)	550,000
Lynbrook Ditch Walls Extension (Linwood Avenue to Coyth Lane)	<u>960,000</u>

TOTAL \$27,105,000

DISTRICT "E" UNFUNDED PROJECTS

DRAINAGE

	<u>COST</u>
Gilmer Bayou Overflow Bridge West of Dean Road At Colquitt (Reduce flooding in Southern Oaks area)	\$1,600,000
Brookwood Ditch (Replace Hawthorne Street crossings)	500,000
Summer Grove Ditch Repairs (Baird Road to Williamson Way)	1,600,000
Kingston Road Drainage (North of Williamson Way, South of Willow Drive)	680,000
Earthen Ditch (from Bert Kouns to Cromwell Drive (2500 l.f.))	850,000
9200 Block Dawnridge Drive Drainage (Industrial Loop to Cana)	700,000
Baywood Drive Drainage (Dean Road East)	300,000
Green Terrace Ditch (Ardis Taylor Road to Givens Mobile Home Park, 2000 l.f.)	1,300,000
McAdoo Street, Coronado, Birch, & Normandie Drive Drainage Improvements	1,300,000
Sunshine Day Care (Drainage improvements)	240,000
Tyne Drive/Lytham Drive (Drainage improvements)	<u>550,000</u>
TOTAL	<u>\$ 9,660,000</u>

DISTRICT "F" UNFUNDED PROJECTS

DRAINAGE

	<u>COST</u>
Airport Ditch Repairs (Wyngate Drive)	\$1,600,000
Jewella at Tate Drainage Improvements (Morningside Baptist Church)	430,000
Baxter Street/Denton Drainage Improvements Subsurface drainage system approximately 540 l.f.	300,000
Browning Street (Drainage -- 600 & 700 blocks) Two drainage projects in the 600 & 700 Blocks of Browning Street, to improve drainage and reduce flooding. Will include collection and outfall drainage system	850,000
Fernwood-Valleyview Ditch Paving Airport Ditch to Timberwood Drive	1,350,000
Essex Street (Hearne Avenue to Fairy Street) New Subsurface collection System	625,000
Airport Ditch Paving (Mansfield to Valleyview)	<u>2,500,000</u>
TOTAL	<u>\$ 7,655,000</u>

DISTRICT "G" UNFUNDED PROJECTS

DRAINAGE

	<u>COST</u>
Bickham Bayou Paving (Pines Road @ Tierra to City Limits)	\$ 8,400,000
3802 West College Drainage	150,000
Gilmer Bayou Ditch Repairs at Quail Ridge Bridge	240,000
Judy Lane Ditch (at Watercrest Drive) Re-align earthen ditch within R.O.W. & erosion protection	430,000
6965 Buncombe Road Ditch Paving (Buncombe Road to City Limit, 1900 LF)	1,300,000
2300 Block Leslie (Carrie Street to Portland Avenue) New System	140,000
Broadacres Road Drainage (70 th Street to south of Westwood)	1,100,000
7100 Block Glenleaf Drainage (a) Paving ditch & 1500 l.f.	1,000,000
(b) Earthen from Church to Glenleaf Mobile Home	380,000
Kings Pines Drainage To Gilmer Bayou	<u>175,000</u>
TOTAL	\$ <u>13,315,000</u>

GENERAL CITYWIDE UNFUNDED PROJECTS

DRAINAGE

	<u>COST</u>
Citywide Drainage	\$12,000,000
Paved Ditch Repair	9,000,000
Purchase of Flood-Prone Properties	2,000,000
FEMA Updates	<u>900,000</u>
TOTAL	<u>\$ 23,900,000</u>

SUMMARY OF UNFUNDED PROJECTS

DRAINAGE

	<u>COST</u>
District A	\$16,860,000
District B	5,380,000
District C	4,450,000
District D	27,105,000
District E	9,660,000
District F	7,655,000
District G	13,315,000
General Citywide	<u>23,900,000</u>
TOTAL PROGRAM	<u>\$ 108,325,000</u>