



OFFICE OF THE CITY ENGINEER

Quarterly Project Status Report

December 2006

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The intent of this report is to provide a concise monthly report of projects currently under design and in construction. For your convenience, each engineering office has sorted and arranged these projects by priority in each office. Please be reminded that this is not a complete list of all projects currently being monitored. Should there be any 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 water and sewer system projects, Robert Westerman for street projects, and Barbara Featherston for water and sewer facility projects.

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PROJECT STATUS REPORT

DECEMBER 2006

6. **PIERREMONT ROAD AND FAIRFIELD** *Project No. 01-C022*
Project Manager: Zagars Design Firm: CGS Eng.
Design Status: Final Percent Complete: 100%
REMARKS: Revising plans to reconstruct intersection.
7. **MANSFIELD ROAD AT SOUTHLAND PARK DRIVE** *Project No. 01-C023*
Project Manager: Zagars Design Firm: Irish
Design Status: Final Percent Complete: 100%
REMARKS: Received final plans. To schedule project for bidding.
8. **SOUTH BROOKWOOD DRIVE BRIDGE** *Project No. 01-C026*
Project Manager: Zagars Design Firm: EJES
Design Status: Final Percent Complete: 100%
REMARKS: Received final plans. To schedule project for bidding. City is redesigning project for a more cost effective design.
9. **JEWELLA @ MILAM** *Project No. 01-C031*
Project Manager: Zagars Design Firm: Stephan
Design Status: Final Percent Complete: 100%
REMARKS: Received final plans . To review and schedule for bids.

SECTION III

PROJECTS IN BID OR CONTRACT PHASE

1. ***DOWNTOWN SHREVEPORT TRAILBLAZER
SIGNAGE PROGRAM*** ***PROJECT NO. 96-C002***

Project Manager: Zagars
Bid Date: Sept. 14, 2006
2. ***SIDEWALK IMPROVEMENTS MARKET @ LAKE ST.*** ***Project No. 96-C002***

Project Manager: Zagars
Bid Date: Sept. 14, 2006
3. ***PINE TREE DRIVE STREET IMPROVEMENTS*** ***Project No. 01-C031***

Project Manager: Zagars
Bid Date: Sept. 14, 2006
4. ***JESSICA DRIVE RECONSTRUCTION*** ***Project No. 01-C031***

Project Manager: Zagars
Bid Date: T.B.D.
5. ***SOUTHERN LOOP PHASE II*** ***Project No. 01-C013***

Project Manager: Zagars
Bid Date: T.B.D.
6. ***EARL STREET*** ***Project No. 02-C001***

Project Manager: Zagars
Bid Date: 10/26/06
7. ***DOWNTOWN STREETScape*** ***Project No.***

Project Manager: Zagars
Bid Date: 11/16/06

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|-----|---|---|
| 8. | 2005 CONCRETE PANEL REPLACEMENT | Project No. IFB 05-063 |
| | Project Manager: Chatelain
Inspector: Hartwell
Contractor: CW&W
REMARKS: 100 working days project. Pending lien free certificate. | Contract Amount: \$320,000.00
% work complete: 100%
% time used: 100% |
| 9. | DOWNTOWN SIGNALIZATION | Project No. 00-G001 |
| | Project Manager: Juneau
Inspector: Lee
Contractor: Hope
REMARKS: | Contract Amount: \$1,770,088.50
% work complete: 50%
% time used: 50% |
| 10. | SPORTRAN ADA ACCESSIBILITY PROJECT | Project No. 03-L001 |
| | Project Manager: Juneau
Inspector: Grice
Contractor: P. R. Parker
REMARKS: | Contract Amount: \$179,000.00
% work complete: 75%
% time used: 75% |
| 11. | PROVENANCE SUBDIVISION | Project No. Private |
| | Project Manager: Chatelain
Inspector: Frazier
Contractor: Blount
REMARKS: | Contract Amount: N/A
% work complete: 90%
% time used: N/A |
| 12. | 2006 G.F. ASPHALT OVERLAY | Project No. IFB No. 06-049 |
| | Project Manager: Juneau
Inspector: Lee
Contractor: Best Yet
REMARKS: 120 working days contract. | Contract Amount: \$3,435,816.90
% work complete: 65%
% time used: 40% |
| 13. | 2006 CDBG ASPHALT OVERLAY | Project No. 06-C001 |
| | Project Manager: Juneau
Inspector: Lee
Contractor: Best Yet
REMARKS: In lien period. | Contract Amount: \$257,081
% work complete: 100%
% time used: 60% |
| 14. | 2006 CITY WIDE CONCRETE MAINTENANCE | Project No. 05-C002 |
| | Project Manager: Juneau
Inspector: Grice
Contractor: William Carter | Contract Amount: \$1,561,700
% work complete: 40%
% time used: 40% |

- | | | | |
|-----|--|---------------------------|---|
| 15. | <i>KENNEDY DRIVE STREET IMPROVEMENTS</i> | <i>Project No.</i> | <i>01-C031</i> |
| | Project Manager: Chatelain
Inspector: Hartwell
Contractor: Horton
REMARKS: 60 working day project (includes water & sewer emergency repair Myrtle Street at Norman Avenue intersection). | | Contract Amount: \$326,845
% work complete: 95%
% time used: 55% |
| 16. | <i>2006 SIDEWALK REPAIR PROGRAM PH B-2</i> | <i>Project No.</i> | <i>01-C029</i> |
| | Project Manager: Chatelain
Inspector: Stevenson
Contractor: H&H
REMARKS: 250 working day project. | | Contract Amount: \$1,629,093
% work complete: 20%
% time used: 35% |
| 17. | <i>SOUTHERN AVENUE RETAINING WALL</i> | <i>Project No.</i> | <i>01-C031</i> |
| | Project Manager: Zagars
Inspector:
Contractor: Ronald Carlson
REMARKS: 90-day contract | | Contract Amount: \$471,956.60
% work complete: 0%
% time used: 0% |
| 18. | <i>EASY STREET PAVING</i> | <i>Project No.</i> | <i>01-C016</i> |
| | Project Manager: Juneau
Inspector: Lee
Contractor: Horton | | Contract Amount: \$472,365.00
% work complete: 30%
% time used: 30% |
| 19. | <i>CHEROKEE PARK DRAINAGE DITCH CLEARING</i> | <i>Project No.</i> | |
| | Project Manager: Zagars
Inspector: Zagars
Contractor: Constructing Solutions | | Contract Amount: \$34,900.00
% work complete: 80%
% time used: 20% |
| 20. | <i>CITYWIDE CONCRETE PAVEMENT REHAB. (Quilen Road)</i> | <i>Project No.</i> | <i>TBA</i> |
| | Project Manager: Chatelain
Inspector: Hartwell
Contractor: Horton | | Contract Amount: TBA
% work complete: 0%
% time used: 0% |
| 21. | <i>CONCRETE PAVEMENT UNDERSEAL PROGRAM</i> | <i>Project No.</i> | <i>350298-4520</i> |
| | Project Manager: Chatelain
Inspector: Hartwell
Contractor: Uretak | | Contract Amount: \$109,498.50
% work complete: 0%
% time used: 0% |

WATER & SEWERAGE

ACTIVE DESIGN PROJECTS

1. ***T.L. AMISS WATER TREATMENT FACILITY AUTOMATION*** ***Project No. 99-E001***
Project Manager: Hogan
Eng. Percent Complete: 100% (Phase 1) Const. Percent Complete: 100% (Ph 1)
Eng. Consultant: Alliance (Ph 1); Metcalf & Eddy (Ph 2) Const. Contractor: Edison Automation
Eng. Contract Value: Const. Contract \$: 2,850,000
REMARKS: This work under the scope of Phase 1 includes the comprehensive SCADA system development of T.L. Amiss project 98E006. Final training and system commissioning scheduled for November 2003. Edison is finalizing remaining punch list items. Ongoing SCADA support services are to be performed under this contract.

2. ***WASTEWATER COLLECTION SYS. REHAB.*** ***Project No. 98-F012***
Project Manager: Breitenbach
Eng. Percent Complete: 100% Const. Percent Complete: 0%
Eng. Consultant: AFJMc Const. Contractor:
Eng. Contract Value: 46,394 Const. Contract \$:
REMARKS: Plans in review process; in final plan stage 90%. Sent back for revisions on July 7, 2000. Received plans for review on Aug. 18. Returned plans markups on Sept. 26. Awaiting revised final plans. Received final plans Jan. 18; reviewing before starting bid process. Need servitude plats & funding. Plans under review by City and URS. Evaluating need for project. Project located OS X-54 & X-55 on Dillingham from Merrick to Wilkinson and between College, Boulevard, & Dalzell from Thomhill to Line. Review and planned action pending funding (priority 2004-2006).
{Note: Logan, W. Caperton, & Glen Ave LS completed under this project - final acceptance Nov. 25, 2002.}

3. ***SANITARY SEWER OVERFLOW (SSO) ABATEMENT PROGRAM*** ***Project No. 98-F004***
Project Manager: Mustapha
Eng. Percent Complete: 95% Const. Percent Complete:
Eng. Consultant: URS Const. Contractor
Eng. Contract Value: \$2,000,000 Const. Contract \$:
REMARKS: Current URS contract (and previous completed work) represent 60% of total planned SSO program engineering. URS provided the City a projected cost estimate as part of final deliverable.

4. ***BACKFLOW PREVENTERS*** ***Project No. 04-E002***
Project Manager: Mustapha/Breitenbach Const. Percent Complete:
Eng. Consultant: Burk-Kleinpeter Const. Contractor
Eng. Percent Complete: 80%
Eng. Contract Value: \$785,500
REMARKS: Notice to Proceed for engineering contract sent out September 2, 2005.

5. ***T.L. AMISS WTP COMPREHENSIVE IMPS.*** ***Project No. 98-E006***
Project Managers: Hogan & Bordelon
Eng % complete: 99%
Eng Consultant: Alliance & CTE
Eng Contract Value: \$4,000,000
REMARKS: Plant 2/2E Flocculation/Sedimentation System Improvements: To be bid.

6. **HEARNE SEWER IMPROVEMENTS**
(Midway to Westover) **Project No. 05-F023**
- Project Manager: Breitenbach
Eng. Consultant: In-house
Eng. % complete: 0%
Eng. Contract Value: \$50,000
7. **WEST LAUREL WATER MAIN IMPROVEMENTS** **Project No. 05-E014**
- Project Manager: Breitenbach
Eng. Consultant: In-house
Eng. % complete: 0%
8. **HOPE STREET AREA WATER MAIN IMPROVEMENTS** **Project No. 05-E015**
- Project Manager: Breitenbach
Eng Consultant: Hyde Engineering
Eng % complete: 0%
REMARKS: Preparing contract.
9. **GILBERT AVE. WATER MAIN IMPROVEMENTS** **Project No. 05-E010**
- Project Manager: Breitenbach
Eng Consultant: Atchley & Atchley
Eng % complete: 75%
REMARKS: Preparing contract. Contract approve & signed; topo map due July 5, 2006. Topo approved. Preliminary plans due Oct. 9, 2006. Reviewed preliminary plans and sent back on 10/27/06. Received ACP; reviewed and sent back on 11/27/06. Finals due Dec. 20.
10. **RUSSELL ROAD WATER MAIN IMPROVEMENTS** **Project No. 05-E001**
- Project Manager: Breitenbach
Eng Consultant: Sepahan
Eng % complete: 65%
REMARKS: Notice to Proceed for topo maps sent on 2/6/06. Received and approved topo map. Received preliminary plans and sent markups on Aug. 9, 2006. Received prelim plans; reviewed and sent in October 2006.
11. **ANDREW AVE. WATER MAIN IMPROVEMENTS** **Project No. 05-E011**
- Project Manager: Breitenbach
Eng Consultant: In-house
Eng % complete: 30%
REMARKS: Survey complete; working on design.
12. **AUGURS LIFT STATION IMPROVEMENTS** **Project No. 05-F002**
- Project Manager: Breitenbach
Eng Consultant: BBC
Eng % complete: 65%
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.

13. **BROADMOOR LIFT STATION IMPROVEMENTS** *Project No. 05-F003*
- Project Manager: Breitenbach
Eng Consultant: Three Fold
Eng % complete: 50%
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.
14. **DARIEN LIFT STATION IMPROVEMENTS** *Project No. 05-F005*
- Project Manager: Breitenbach
Eng Consultant: NTB
Eng % complete: 90%
REMARKS: Contract signed. Topo. map due by Jan. 10, 2006. Topo map was approved. Notice to Proceed for preliminary plans sent out; plans due by 4/21/06. Preliminary plans reviewed and markups due on May 5, 2006. Received and approved preliminary plans. ACP due on Sept. 15, 2006. ACP reviewed and sent in on October 24, 2006. Finals due November 2006.
15. **FANNIN LIFT STATION IMPROVEMENTS** *Project No. 05-F007*
- Project Manager: Breitenbach
Eng Consultant: Denmon
Eng % complete: 90%
REMARKS: Contract signed. Topo map due 3/6/06. Preliminary plans due June 19, 2006. Preliminary plans received and approved. Advance check plans due on Sept. 4, 2006. ACP reviewed and finals requested.
16. **HARDY LIFT STATION IMPROVEMENTS** *Project No. 05-F008*
- Project Manager: Breitenbach
Eng Consultant: Alliance
Eng % complete: 90%
REMARKS: Contract signed. Topo map was approved. Preliminary plans due by 5/25/06. Preliminary plans received and marked up. 90% preliminary plans due. ACP reviewed and finals due January 3, 2007.
17. **LEGARDY LIFT STATION IMPROVEMENTS** *Project No. 05-F 011*
- Project Manager: Breitenbach
Eng Consultant: Balar
Eng % complete: 90%
REMARKS: Contract signed. Topo. Map due by Dec. 27, 2005. Contract signed. Topo map was approved. Preliminary plans due 4/12/06. Preliminary plans reviewed and markups sent on March 13, 2006. Finals due June 26, 2006.
18. **LONG LAKE LIFT STATION IMPROVEMENTS** *Project No. 05-F012*
- Project Manager: Breitenbach
Eng Consultant: CDM
Eng % complete: 75%
REMARKS: Contract signed. Topo map due. Topo received and approved. Received preliminary plans. Preliminary plans reviewed and ACP requested.

19. ***LUCAS LIFT STATION IMPROVEMENTS*** ***Project No. 05-F013***
- Project Manager: Breitenbach
 Eng Consultant: Civil Design
 Eng % complete: 45%
REMARKS: Contract signed. Topo map was approved. Preliminary plans due 3/29/06. Preliminary plans received.
20. ***PINE HILLS LIFT STATION IMPROVEMENTS*** ***Project No. 05-F015***
- Project Manager: Breitenbach
 Eng Consultant: ARE
 Eng % complete: 100%
REMARKS: Contract signed. Topo map was approved. Preliminary plans due. Preliminary plans reviewed and markups sent on April 12, 2006. Final plans due. Finals received. Pre-bid memo to be routed in January 2007.
21. ***QUERBES LIFT STATION IMPROVEMENTS*** ***Project No. 05-F016***
- Project Manager: Breitenbach
 Eng Consultant: Atchley & Atchley
 Eng % complete: 90%
REMARKS: Contract signed. Topo map was approved. Preliminary plans due by 4/18/06. Preliminary plans reviewed and markups sent on May 4, 2006. Finals due December 4, 2006.
22. ***SOUTH HIGHLAND LIFT STATION IMPROVEMENTS*** ***Project No. 05-F017***
- Project Manager: Breitenbach
 Eng Consultant: Buchart-Hart
 Eng complete: 75%
REMARKS: Contract signed. Topo map due. Preliminary plans reviewed and markups sent March 25, 2006. Finals due Sept. 11, 2006.
23. ***WALNUT HILL WATER MAIN INSTALLATION*** ***Project No. 05-E008***
- Project Manager: Breitenbach
 Design Status: Design firm: ARE
Percent complete: 45%
REMARKS: Preparing contract. Topo due on July 5, 2006. Topo reviewed and approved. Preliminary plans due Sept. 25, 2006. Preliminary plans reviewed and sent back November 2006.
24. ***SE SHREVEPORT WATER MAIN IMPROVEMENTS, PHASE I*** ***Project No. 05-E009***
36" Water Distribution Main - Walker Rd & Inner Loop
- Project Manager: Breitenbach/Mustapha
 Eng. Consultant: BKI
 Eng. % complete: 30%
REMARKS: Issued Notice to Proceed. Survey work is complete; working on preliminary plans.
25. ***SE SHREVEPORT WATER MAIN IMPROVEMENTS, PHASE II*** ***Project No. 05-E009***
36" Inner Loop Parkway Water Main
- Project Manager: Breitenbach/Mustapha
 Eng. Consultant: Balar
 Eng. % complete: 0%
REMARKS: Issued Notice to Proceed.

26. *SE SHREVEPORT WATER MAIN IMPROVEMENTS PHASE III* *Project No.* *05-E009*
Inner Loop Pump Station

Project Manager: Breitenbach/Mustapha

Eng. Consultant: CDM

Eng. % complete: 0%

REMARKS: Issued contract.

SECTION II
OTHER DESIGN PROJECTS

SECTION IV

PROJECTS UNDER CONSTRUCTION

1. **LUCAS & NORTH REGIONAL WWTP EXPANSION** *Project No. 00-F001*
Project Managers: Hogan & Bordelon
Eng. Percent Complete: 85% 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; 99% complete)
North Regional WWTP Project #2 (Max Foote Construction; \$24,500,000; 99% complete)
Lucas WWTP #3B & North Regional #3: \$14,550,000; complete 90%

2. **STONER LIFT STATION IMPROVEMENTS** *Project No. 01-F004*
Project Manager: Mustapha/Breitenbach Const. Complete: 99%
Eng. Consultant: Balar Const. Contractor: Max Foote
Eng. % complete: 100% Const. Contract: \$3,633,000
REMARKS: Balar completed evaluation and design. CDM prepared front-end (bid documents) for review by DEQ. Bid opening scheduled March 11, 2004. Construction schedule begins May 2004 & completes August 2005. Balar is providing construction inspection. Working on punch list items.

3. **ISLAND PARK** *Project No. Private*
Project Manager: McClure
Project Inspector: Hendricks
Contractor: Blount
Consultant: ARE
REMARKS: Punch list items remain. T&D to TV.

4. **CORBITT ST. AREA W&S SYSTEM IMPROVEMENTS** *Project No. 02-F009*
Project Manager: Steed Contract Amount: \$1,023,035.00
Const. Inspector: Brazeal Const. Complete: 100%
Contractor: Yor-Wic
Consultant: EJES, Inc.
REMARKS: Construction began Feb. 27, 2006. Pipe installation & Insituform work complete; surface restoration underway.

5. **HEARNE AVE WATER MAIN PHASE I & 2** *Project No. 05-E007*
Project Manager: Breitenbach (Phase 2) Const. Mgr: Steed/Brazeal
Eng. Consultant: Atchley & Atchley Const. complete: 95%
Eng. Complete: 100% Contract amount: \$1,139,518.10
Eng. Contract value: \$145,300
REMARKS: Phase 1 construction complete; Phase 2 pipe installation complete. Punch list items to be completed.

6. **ROSENWALD SUB., UNITS 3 & 4** *Project No. Private*
Project Manager: McClure
Project Inspector: Chamberlain
Contractor: Equity Construction
REMARKS: Scheduling walk-thru with T&D.

7. ***MANSFIELD SANITARY SEWER*** ***Project No. 05-F019***
 Project Manager: Mustapha
 Const. Manager: White Contract Amount: \$349,286.50
 Const. Inspector: Chamberlain Const. complete: 100%
 Contractor: Wicker
REMARKS: NTP for construction on April 13, 2006. Construction complete as of Aug. 25, 2006.
 Had problem with liner failing. Contractor was required to dig up and repair. Job complete; in 45-day lien period.
8. ***NORTH POINTE SUB., PHASE 1*** ***Project No. Private***
 Project Manager: Mustapha
 Const. Manager: McClure
 Const. Inspector: Hendricks
 Contractor: Wilmax Construction
REMARKS: Contractor to address punch list items.
9. ***BARKSDALE FEDERAL CREDIT UNION*** ***Project No. Private***
 Project Manager: Mustapha
 Const. Manager: McClure
 Const. Inspector: Bates
 Contractor: McBride Builders
REMARKS: Contractor addressing final items.
10. ***WOOLWORTH ROAD LIFT STATION & FORCE MAIN*** ***Project No. 05-F020***
 Project Manager: Breitenbach/Steed Contract Amount: \$346,170
 Const. Manager: White Const. complete: 90%
 Const. Inspector: Chamberlain
 Contractor: Wicker
REMARKS: Completed except fusion of small HDPE and dressup.
11. ***CURED-IN-PLACE PHASE 1*** ***Project No. 05-F024***
 Project Manager: Breitenbach Contract Amount: \$622,269.50
 Const. Manager: White Const. complete: 75%
 Contractor: Insituform
REMARKS: Contract signed; Notice to Proceed date May 31, 2006. Contractor still tying lines and making point repairs. No liner has been installed as of Aug. 25, 2006. 7000 l.f. of liner installed.
12. ***SOUTHERN LOOP WATER MAIN EXTENSION, PHASE I (PROVIDENCE TO LINWOOD)*** ***Project No. 05-E009***
 Project Manager: Breitenbach/Mustapha Contract Amount: \$84,245.00
 Const. Manager: White Const. complete: 100%
 Const. Inspector: Bates
 Contractor: JPD
REMARKS: JPD awarded bid. Notice to Proceed on Sept. 5, 2006; contract signed Aug. 8, 2006. Having problems with bacteria samples.
13. ***FULLERTON DRIVE WATER MAIN EXTENSION*** ***Project No. 05-E003***
 Project Manager: Breitenbach Contract Amount: \$234,827.18
 Const. Manager: Steed Construction Complete: 5%
 Const. Inspector: Brazeal
 Contractor: Coker
REMARKS: Construction began Nov. 13, 2006.

14. **HATTIE LIFT STATION IMPROVEMENTS** *Project No. 05-F009*
 Project Manager: Breitenbach Contract Amount: \$197,337.00
 Const. Manager: White Construction Complete: 30%
 Const. Inspector: Chamberlain
 Contractor: Wicker
REMARKS: Notice to Proceed Nov. 4, 2006; wet well installed.
15. **MICHEL WATER MAIN IMPROVEMENTS** *Project No. 05-E008*
(1600 Block) – Emergency
 Project Manager: Breitenbach Contract Amount: \$52,170.00
 Const. Manager: White Construction Complete: 75%
 Const. Inspector: Chamberlain
 Contractor: JPD
16. **STONEWALL WATER MAIN IMPROVEMENTS** *Project No. 05-E008*
(2200 Block) - Emergency
 Project Manager: Breitenbach Contract Amount: \$54,311.00
 Const. Manager: White Construction Complete: 100%
 Const. Inspector: Chamberlain
 Contractor: Wicker
REMARKS: Job complete; processing final completion letter to start 45-day no lien.
17. **DREXEL SEWER MAIN REPLACEMENT** *Project No. 05-F020*
(2600 Block) – Emergency
 Project Manager: Breitenbach Contract Amount: \$46,916.00
 Const. Manager: White Construction Complete: 100%
 Const. Inspector: Chamberlain
 Contractor: YorWic
REMARKS: Job complete; processing final completion letter to start 45-day no lien.
18. **GLEN SEWER MAIN REPLACEMENT** *Project No. 05-F020*
(1500 Block) – Emergency
 Project Manager: Breitenbach Contract Amount: \$88,540.00
 Const. Manager: White Construction Complete: 0%
 Const. Inspector: Chamberlain
 Contractor: JPD
REMARKS: Contractor to start Dec. 4, 2006.
19. **WEST 63RD WATER MAIN IMPROVEMENTS** *Project No. 05-E008*
(1500 Block) – Emergency
 Project Manager: Breitenbach Contract Amount: \$65,755.00
 Const. Manager: White Construction Complete: 100%
 Const. Inspector: Chamberlain
 Contractor: YorWic
REMARKS: Job complete; processing final completion letter to start 45-day no lien.
20. **SOUTHERN TRACE PHASE IV, SEC. XX** *Private*
 Project Manager: McClure
 Project Inspector: Hendricks
 Contractor: R. L. Branch
REMARKS: Contractor addressing punch list items.

21. **VILLAGES OF BERT KOUNS PHASE I** *Private*
 Project Manager: McClure
 Project Inspector: Hendricks
 Contractor: JPD
REMARKS: Awaiting punch list items.
22. **THE BLUFFS** *Private*
 Project Manager: McClure
 Project Inspector: Bates
 Contractor: Wicker
REMARKS: Awaiting punch list items.
23. **PIERREMONT #9** *Private*
 Project Manager: McClure
 Project Inspector: Bates
 Contractor: Wicker
REMARKS: Awaiting punch list items.
24. **BURGUNDY RIDGE #6** *Private*
 Project Manager: McClure
 Project Inspector: Hendricks
 Contractor: Blount
REMARKS: Awaiting punch list items.
25. **PROVENANCE PHASE II** *Private*
 Project Manager: McClure
 Const. Inspector: Bates
 Contractor: Wicker
REMARKS: Awaiting punch list items.
26. **TWELVE OAKS, III** *Private*
 Project Manager: McClure
 Project Inspector: Hendricks
 Contractor: R. L. Branch
REMARKS: Construction progressing.
27. **SAGEWOOD 3** *Private*
 Project Manager: McClure
 Project Inspector: Lynn
 Contractor: Pulley
REMARKS: Awaiting punch list items.
28. **GREENWOOD ROAD TIRE CENTER** *Private*
 Project Manager: McClure
 Project Inspector: Chamberlain
 Contractor: Norris Plumbing
REMARKS: Awaiting punch list items.
29. **THE HAVEN PHASE 16** *Private*
 Project Manager: McClure
 Project Inspector: Kennedy
 Contractor: JPD
REMARKS: Awaiting punch list items.

30. ***BROOKMEADE COMMERCIAL SUB.*** *Private*
 Project Manager: McClure
 Project Inspector: Hendricks
 Contractor: Wicker
REMARKS: Utility installation 9% complete
31. ***ST. CHARLES SUB. #7*** *Private*
 Project Manager: McClure
 Project Inspector: Bates
 Contractor: Wicker
REMARKS: Testing to begin after street installation.
32. ***NORRIS FERRY LANDING NO. 6*** *Private*
 Project Manager: McClure
 Project Inspector: Hendricks
 Contractor: B. B. Constructing
REMARKS: Awaiting punch list items.
33. ***THE HAVEN PHASE 18*** *Private*
 Project Manager: McClure
 Const. Inspector: Kennedy
 Contractor: JPD
REMARKS: Awaiting punch list items.
34. ***OAK CREEK RANCH*** *Private*
 Project Manager: McClure
 Const. Inspector: Kennedy
 Contractor: David Strong
REMARKS: Construction 90% complete.
35. ***REGAL COURT SHOPPING CENTER*** *Private*
 Project Manager: McClure
 Const. Inspector: Hendricks
 Contractor: Blount/Premiere Pub.
REMARKS: Beginning utility construction last week in November.
36. ***BURGUNDY RIDGE NO. 7*** *Private*
 Project Manager: McClure
 Const. Inspector: Hendricks
 Contractor: Blount
REMARKS: Testing phase.
37. ***VILLAGES OF BERT KOUNS PHASE 2*** *Private*
 Project Manager: McClure
 Const. Inspector: Bates
 Contractor: JPD
REMARKS: Testing phase.
38. ***T.L. AMISS WTP IMPROVEMENTS*** *Project No. 05-E012*
Plant No. ,1 Basins 1-6 Renovations
 Project Manager: Hogan/Bordelon
 Contractor: Max Foote
 Contract Amount: \$5,725,000
 % complete: 5%

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| 39. | <p><i>T.L. AMISS WTP, 2400 VOLT ELECTRICAL Switchgear Renovation & Improvements</i>
 Project Manager: Hogan/Bordelon
 Contractor: Trio Electric</p> | <p><i>Project No. 05-E012</i>

 Contract Amount: \$4,731,465
 % complete: 7%</p> |
| 40. | <p><i>WALLACE LIFT STATION IMPROVEMENTS</i>
 Project Manager: Breitenbach/Mustapha
 Eng. Consultant: URS
 Eng. Complete: 100%
 REMARKS: (info from page 14) Contract is currently being processed.</p> | <p><i>Project No. 01-F003</i>
 Const. Mgr: URS
 Contractor: McGinnis
 Const. Complete: 0%</p> |
| 41. | <p><i>VIVIAN ST. WATER MAIN IMPROVEMENTS</i>
 Project Manager: Breitenbach
 Eng. Consultant: Atchley&Atchley
 Eng. Complete: 100%
 REMARKS: (info from page 15) Contract is currently being processed.</p> | <p><i>Project No. 05-E006</i>
 Const. Mgr:
 Contractor: JPD
 Const. Complete: 0%</p> |
| 42. | <p><i>LESLIE WATER MAIN IMPROVEMENTS</i>
 Project Manager: Breitenbach
 Eng. Consultant: In-house
 Eng. Complete: 100%
 REMARKS: (info from page 18) Bid date is December 19, 2006.</p> | <p><i>Project No. 05-E008</i>
 Const. Mgr:
 Contractor:
 Const. Complete: 0%</p> |
| 43. | <p><i>PATZMAN ST. WATER MAIN IMPROVEMENTS</i>
 Project Manager: Breitenbach
 Eng. Consultant: Fenner
 Eng. Complete: 100%
 REMARKS: (info from page 14) Bid date is December 21, 2006.</p> | <p><i>Project No. 05-E004</i>
 Const. Mgr:
 Contractor:
 Const. Complete: 0%</p> |
| 44. | <p><i>PICKETT ST. WATER MAIN IMPROVEMENTS</i>
 Project Manager: Breitenbach
 Eng. Consultant: Civil Design
 Eng. Complete: 100%
 REMARKS: (info from page 15) Bid date is November 30, 2006</p> | <p><i>Project No. 05-E002</i>
 Const. Mgr:
 Contractor:
 Const. Complete: 0%</p> |
| 45. | <p><i>MURRAY ST. WATER MAIN IMPROVEMENTS</i>
 Project Manager: Breitenbach
 Eng. Consultant: ARE
 Eng. Complete: 100%
 REMARKS: (info from page 15) Bid date is December 14, 2006</p> | <p><i>Project No. 05-E005</i>
 Const. Mgr:
 Contractor:
 Const. Complete: 0%</p> |
| 46. | <p><i>AIR VALVE INSPECTION</i>
 Project Manager: Breitenbach
 Eng. Consultant: In-house
 Eng. Complete: 100%
 REMARKS: (info from page 15) Bid date is November 30, 2006</p> | <p><i>Project No. 05-F020</i>
 Const. Mgr:
 Contractor:
 Const. Complete: 0%</p> |
| 47. | <p><i>BICKHAM LIFT STATION SURGE TANK</i>
 Project Manager: Breitenbach
 Eng. Consultant: In-house
 Eng. Complete: 100%
 REMARKS: Contract is currently being processed.</p> | <p><i>Project No. 05-F021</i>
 Const. Mgr:
 Contractor: Yor-Wic
 Const. Complete: 0%</p> |

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| 48. | <p><i>CEDAR GROVE LIFT STATION IMPROVEMENTS</i>
 Project Manager: Breitenbach
 Eng. Consultant: URS
 Eng. Complete: 100%
 REMARKS: (info from page 16) Bid date is December 14, 2006</p> | <p><i>Project No. 05-F004</i>
 Const. Mgr:
 Contractor:
 Const. Complete: 0%</p> |
| 49. | <p><i>MARJORIE LIFT STATION IMPROVEMENTS</i>
 Project Manager: Breitenbach
 Eng. Consultant: EJES, Inc.
 Eng. Complete: 100%
 REMARKS: (info from page 17) Bid date is December 14, 2006.</p> | <p><i>Project No. 05-F014</i>
 Const. Mgr:
 Contractor:
 Const. Complete: 0%</p> |
| 50. | <p><i>LACAZE LIFT STATION IMPROVEMENTS</i>
 Project Manager: Breitenbach
 Eng. Consultant: Burk-Kleinpeter
 Eng. Complete: 100%
 REMARKS: Notice to Proceed is for December 4, 2006.</p> | <p><i>Project No. 05-F010</i>
 Const. Mgr: White
 Contractor: Wicker
 Const. Complete: 0%</p> |
| 51. | <p><i>WEST 69TH ST. WATER MAIN IMPROVEMENTS EMERGENCY</i>
 Project Manager: Breitenbach
 Contractor: YorWic</p> | <p><i>Project No. 05-E008</i>
 Const. Mgr: White
 Const. Complete: 0%</p> |
| 52. | <p><i>BRANDTWAY ST. WATER MAIN IMPROVEMENTS EMERGENCY</i>
 Project Manager: Breitenbach
 Contractor: Wicker</p> | <p><i>Project No. 05-E008</i>
 Const. Mgr: White
 Const. Complete: 0%</p> |
| 53. | <p><i>FLOURNOY-LUCAS LIFT STATION INSTALLATION EMERGENCY</i>
 Project Manager: Breitenbach
 Contractor: JPD</p> | <p><i>Project No. 05-F020</i>
 Const. Mgr: White
 Const. Complete: 0%</p> |
| 54. | <p><i>FERN ST SEWER MAIN IMPROVEMENTS EMERGENCY</i>
 Project Manager: Breitenbach
 Contractor: Yor-Wic</p> | <p><i>Project No. 05-F020</i>
 Const. Mgr: White/Breitenbach
 Const. Complete: 0%</p> |
| 55. | <p><i>WOODS ST. WATER MAIN IMPROVEMENTS EMERGENCY</i>
 Project Manager: Breitenbach
 Contractor: CW&W</p> | <p><i>Project No. 05-E008</i>
 Const. Mgr:
 Const. Complete: 0%</p> |
| 56. | <p><i>GIDEON ST. WATER MAIN IMPROVEMENTS EMERGENCY</i>
 Project Manager: Breitenbach
 Contractor: JPD</p> | <p><i>Project No. 05-E008</i>
 Const. Mgr:
 Const. Complete: 0%</p> |

DRAINAGE

ACTIVE DESIGN PROJECTS

1. **OCKLEY DITCH CHANNEL IMPROVEMENTS**
Ockley Dr. to St. Vincent Ditch

Project No. 92-D002

Project Manager: Mustapha
Design Status: Final

Design Firm: Dikita
Percent Complete: 70%

Estimated plan completion date: Sept., 2001

REMARKS: Design contract is complete. Issued notice to proceed on 10/27/99. Survey is complete; received and reviewed preliminary plans. Conducted PIH; waiting for revised submittals. Submitted revised submittals to DOTD statewide flood control section for review and approval. Received comments from DOTD. Conducted plan coordination and plan-in-hand on March 21, 2001. Issued NTP for final plans. Waiting on submittal of ACPs. Engineer is behind schedule on submittals. Received ACPs; in review. Plans are incomplete and need major revisions. We may have to redesign project and select a consultant to provide full services in 2004. Atchley & Atchley was selected to complete design. Received executed contract; issued Notice to Proceed. Received and reviewed submittals. Received ACPs; in review.

2. **YOUREE DR. FLOOD CONTROL IMP.**

Project No. 96-D004

Project Manager: Mustapha
Design Status: Final

Design Firm: Atchley & Atchley
Percent complete: 90%

Estimated plan completion date: Nov. 2000

REMARKS: Received executed contract & issued Notice to Proceed. Received & reviewed advance check prints. Conducted coordination meeting with DOTD on July 11, 2000. Completed and submitted applications to DOTD and requested funding under the statewide flood control program. Received approval letter from DOTD. Prepared Council resolution required for contract agreement. Received copy of executed agreement from DOTD. Design engineer is revising plans to meet DOTD requirements. Waiting on revised submittals from consultant. Submitted plans to DOTD - statewide flood control for review and approval. Conducted PIH on 10/2/02. Working on ACPs. DOTD would like to consider incorporating this project with the planned DOTD improvements to Youree (Kings Hwy to Sand Beach Drive). DOTD received bids. Best Yet is the contractor. Construction is underway.

SECTION II

OTHER DESIGN PROJECTS

1. ***MASTER DRAINAGE PLAN***

Project Manager: Westerman

Project No. 84-D029

Design Firm: AFJM

SECTION III

PROJECTS IN BID OR CONTRACT PHASE

1. **800 BLOCK NEW LONDON DRAINAGE**

Project No. 01-D015

Project Manager: Ali Mustapha
Opened bids 8/25/06

6. **PAVED DRAINAGE REPAIRS PHASE N**

Project Manager: Mustapha
Const. Manager: Shepherd
Const. Inspector: Herrington
Contractor: Constructing Solutions
Estimated completion date: December 1, 2006

Project No. 01-D016

Contract Amount: \$78,750.00
NTP: 10/24/06
% work complete: 38%
% time used: 29%

7. **PAVED DITCH REPAIRS PHASE M**

Project Manager: Mustapha
Const. Manager: Shepherd
Const. Inspector: Lynn
Contractor: P. R. Parker
Estimated completion date: January 20, 2006

Project No. 01-D016

Contract Amount: \$60,987.00
NTP: 9/11/06
% work complete: 0%
% time used: 0%

8. **9500 BAIRD ROAD DRAINAGE REPAIR**

Project Manager: Mustapha
Const. Manager: Shepherd
Const. Inspector: Fox
Contractor: William Carter
Estimated completion date: 12/02/06

Project No. 01-D015

Contract Amount: \$39,508.00
NTP: 10/16/06
% work complete: 92%
% time used: 27%

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, 2006

TO: H. M. Strong
Director of Operational Services

FROM: Ron Norwood, P.E.
City Engineer

SUBJECT: Proposed Water & Sewer Bond Issue – Revision No. 3

Attached are our recommendations for what should be included in a future Water & Sewer Bond-Issue Program. We have detailed project lists to accommodate proposed \$75, \$145, \$173, \$198, \$298, and \$540 million programs.

I am available to discuss this at your convenience.

Ron Norwood, P.E.
City Engineer

RN:ism

Attachments

**CITY OF SHREVEPORT
DEPARTMENT OF OPERATIONAL SERVICES
WATER & SEWERAGE BOND ISSUE**

\$540,000,000

FACILITIES

<u>Project Name</u>	<u>Estimated Cost</u>
Water Treatment Plant Improvements: Improvements to Low Service Pump Station and Electrical Switchgear	\$500,000
Water Treatment Plant Improvements: Improvements to McNeil Water Pump Station and Storage	1,500,000
Water Treatment Plant Improvements: Improvements to Plant 2/2E Flocculation/Sedimentation Systems and Lime System	15,000,000
Electrical Switchgear Improvements at the T. L. Amiss Water Treatment Plant	6,000,000
Water Treatment Plant Improvements: Improvements to Amiss High Service Pumping Station	2,300,000
Water Treatment Plant Improvements: Improvements to Ozone or Alternative System Improvements	5,000,000
Water Treatment Plant Improvements: Improvements to Auxiliary Electric Power System (Amiss and Pump Stations)	4,200,000
Auxillary Power Generation, 68th, Union Pumping Station, and McNeil Pumping Station	2,000,000
12 Mile Bayou Pump Station Improvements: Replace Pump Units and Switchgear (2 pumps, 70 MGD each)	5,000,000
12 Mile Bayou Pump Station Improvements: New 60 inch Raw Water Line	2,000,000
Improvements to Cross Lake Dam	2,500,000

Auxillary Power Generation for Lucas WWTP and North Regional WWTP	2,000,000
Water Treatment Plant/Pilot Plant for Red River Water Treatment	5,000,000
New 25 MGD (Phase I) Water Treatment Facility to pump from Red River	120,000,000
New 25 MGD (Phase II) Water Treatment Facility to pump from Red River	120,000,000
Basins 1 – 6 @ Amiss	10,500,000
70th & Pines Pumping Station	2,500,000
New T & D Facility at Greenwood Road Site	10,000,000
Inner Loop/Bert Kouns Pumping Station and 5 million Gallon Reservoir	8,900,000
Amiss Sludge Facility Expansion & Improvements	2,500,000
Finish Improvements at Lucas & North Regional WWTP	<u>15,000,000</u>
Subtotal.....	\$342,400,000

LIFT STATIONS

<u>Project Name</u>	<u>Estimated Cost</u>
Wallace Lift Station Replace entire lift station with modern facility, URS currently doing design	\$8,000,000
Woolworth Road Sewer Extension, Force Main and Lift Station Lift station and force main from landfill to end of gravity on Woolworth Road	350,000
Long Lake Lift Station Replace pumps and station piping (existing package LS) with new package LS providing higher head and larger motors	130,000
Stratmore Lift Station Replace pumps and station piping	80,000
Darien Lift Station Replace pumps, station piping, bar screen, and flowmeter	800,000
Looney Lift Station Replace “can” LS with new package LS and wet well	150,000
Agurs Lift Station Replace pumps, station piping, bar screen, flowmeter, and force main	2,090,000
Legardy Lift Station Replace pumps, station piping, and flowmeter; add bar screen	410,000
Hattie Lift Station Replace pumps and station piping with new package LS that includes equipment enclosure and replace force main	190,000
Querbes Lift Station Odor & Climate Control Systems Lift station improvements	375,000
Lucas Lift Station Improvements and odor control	500,000
Cedar Grove Lift Station, Odor Control Odor control	350,000
Bickham Bayou Lift Station, Pines Road Interceptor Boxes Odor control	250,000
Broadmoor – 6000 Block Fern Avenue. Lift Station Odor	350,000

Control Systems

Lift station improvements

Broadmoor Lift Station Replace pumps, station piping, bar screen, and flowmeter	1,000,000
Cedar Grove Lift Station Replace check valves & suction valves, replace PLC & VFD units	250,000
Marjorie Lift Station Replace pump and station piping with new package LS that includes backup pump and equipment enclosure	120,000
Mirador Lift Station Replace/upgrade electrical equipment and miscellaneous repairs to LS climate control and structure	20,000
Oak Forest Lift Station Replace pumps and station piping with new package LS that includes equipment enclosure and replace force main	270,000
Fannin Lift Station Replace “can” LS with new built in place LS. Replace force main and add bar screen	930,000
Dixie Garden Lift Station Replace pumps, station piping, and flowmeter; alternatively, install new package LS and larger wet well	180,000
Pine Hills Estates Lift Station Replace “can” LS with new package LS and wet well	150,000
Pine Hill Road Lift Station Replace/upgrade electrical equipment, miscellaneous repairs to LS climate control and structure, and wet well rehabilitation	30,000
LaCaze Lift Station Replace pumps and station piping with new package LS that Includes equipment enclosure	110,000
Willow Point II Lift Station Replace pumps and station piping	20,000
David Raines Lift Station Replace pumps and station piping with new package LS that includes backup pump and equipment enclosure	110,000
South Highland Lift Station Replace pumps, station piping, bar screen, and flowmeter	800,000
North Pierre Lift Station	100,000

Modify MCC room and install climate control & HVAC

Hardy Lift Station **770,000**

Replace pumps, station piping, bar screen, and flowmeter

Pinecrest Lift Station **95,000**

Replace suction lines & valves, check valves & discharge valves, install motor & pump unit complete

Sunset Lift Station **20,000**

Replace/upgrade electrical equipment and miscellaneous repairs to LS structure

S. Shreveport Regional Lift Station **8,000,000**

Upgrade and F.M. direct to Lucas

Lift Station Rehabilitation & Replacement **10,000,000**

Citywide – 5 Year Program

Subtotal.....\$ 37,000,000

WATER MAINS

<u>Project Name</u>	<u>Estimated Cost</u>
Renewal and Size Upgrade for Citywide Undersized and Aging Water Mains Replace undersized diameter water mains and replace any other deteriorated water mains. Water mains will need upgrade or replacement using directional bore or open cut methods.	\$ 34,000,000
Alston from Webster to Dale 1000 LF 8" water main replacement of 2" and additional undersized lines adjacent to project	500,000
Garden from west of Haltzman to Norma 1400 LF 8" water main replacement of 2" and additional undersized lines adjacent to project	500,000
Industrial Loop from Mansfield to Blom Water Improvements 4500 LF 12" water main replacement	750,000
West 78th from St. Vincent to Dillman Water Improvements 700 LF 8" water main replacement	175,000
Christian Street from View Street to Milam Street Water Improvements 2000 LF 10" water main replacement and about 2000 LF replacing adjacent undersized lines	500,000
Renture Street at Liberty Water Improvement 1400 LF 8" water main replacement	215,000
Woodmont from Wyngate to Westbrook Water Improvements 1600 LF 8" water main replacement	275,000
Multiple Streets in QS DD-55 including Bates, Daniel, Bethany, Myra, Beckett, and Dillingham Water Improvements 3150 LF 8" water main replacement	680,000
Hollywood Avenue at northwest corner of Shreveport Regional Airport 3200 LF 12" water main improvements	587,000
Southern Loop Water Main Extension 3000 LF 12", 13500 LF 16", 39000 LF 24" (total 55,500 LF) from Linwood Avenue near elevated tank to Brush Creek, to Norris Ferry to Ellerbe Road to LA Highway 1 at the Port of Shreveport	9,000,000
Southern Avenue from Jordan to St. Vincent Water Improvements	1,200,000

SEWER MAINS

<u>Project Name</u>	<u>Estimated Cost</u>
Rehabilitation and Renewal for Citywide Deteriorated and Aging Sewer Mains and Manholes Estimate sewer mains for rehabilitation or replacement using CIPP, directional bore, pipe-bursting, or open cut methods, and concurrently rehabilitation/replacement of manholes	\$34,500,000
Corbitt Area Sewer and Water Improvements, Phases 1-3 20,650 LF of sewer and 5900 LF of water over three phases	5,000,000
CIPP – Lining Sewer & Manhole Rehabilitation 4330 LF 8”, 2325 LF 21” and 24”, and 1190 LF 8” and 10” sewer and manhole rehabilitation	1,535,000
Querbes Force Main Replacement 7590 LF 20” sewer force main replacement	3,000,000
Hearne from Midway to Westover 3000 LF 15” sewer main replacement	600,000
Southern Hills Interceptor 5800 LF 30” sewer main; two emergency projects complete and remainder put on hold for additional evaluation	5,000,000
1300 Block Summers Street Sewer Improvements 450 LF 10” sewer main replacement	150,000
Kingstowne Sewer Improvements Re-route/rehabilitation 15” sewer main replacement or install lift station to prevent overflow	350,000
Wallace Force Main at Overton Brooks Road Rehabilitation/Replacement of part of Wallace Force Main	1,305,000
Hasset (western alley) from Sunset to Michigan 2000 LF 8” sewer main replacement	250,000
Unadilla from Line to Fairfield Sewer Improvements 1375 LF 8” sewer main replacement	200,000
Gladstone (southern rear) from Creswell to Highland Sewer Improvements 600 LF 8” sewer main replacement	150,000
9700 & 9800 Blocks Norris Ferry Road	200,000

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, 2006

TO: H. M. Strong
Director of Operational Services

FROM: Ron Norwood, P.E.
City Engineer

SUBJECT: Proposed Transportation Program – Revision No. 2

Attached are our recommendations for what should be included in a future Transportation/Bond-Issue Program. We have detailed project lists to accommodate proposed \$73, \$196, and \$452.6 million programs.

I am available to discuss this at your convenience.

Ron Norwood, P.E.
City Engineer

RN:ism

Attachments

**CITY OF SHREVEPORT
DEPARTMENT OF OPERATIONAL SERVICES
TRANSPORTATION PROGRAM**

\$452,600,000

<u>ROADWAY IMPROVEMENTS:</u>	<u>COST</u>
Ellerbe Road Widening (3 Lanes), Including intersection @ Norris Ferry Road Norris Ferry to Flournoy-Lucas	\$ 7,000,000
Linwood Avenue Widening (4 Lanes) Industrial Loop to Southern Loop	10,000,000
Kings Highway Corridor Improvements Youree to I-49 (widen & off-street parking)	7,500,000
Flournoy-Lucas Road Widening (3 Lanes) Kingston to Linwood	4,500,000
Pines Road Widening (3 Lanes) 70 th to Bert Kouns	6,500,000
E. Southfield Extension to East 70th New Roadway	3,200,000
Buncombe Road Widening (3 Lanes) West 70 th to Bert Kouns	2,300,000
Extension of LA 526 (Ind. Loop) Jefferson Paige to Greenwood Road	7,250,000
Wallace Lake Road Widening (5 Lanes) Bert Kouns to Southern Loop	13,600,000
Southern Loop Extension Linwood to LA 526 (Four-Lane w/Median)	35,400,000
Kingston Road Extension (3 Lanes) Williamson Way to Southern Loop	3,300,000
LA 3132; Flournoy-Lucas to Highway 1 (Four-Lane w/Median)	32,000,000
Williamson Way Extension Kingston to Linwood (asphalt with shoulders)	1,500,000

Roy Road Widening (4 Lanes) Shreveport-Blanchard to Old Mooringsport	9,300,000
Fant Parkway Extension Mayfair to Ravendale (Four-Lane w/Median)	21,000,000
South Lakeshore (3 Lanes) Lakeshore Drive to Lakeshore Drive	4,200,000
Curtis Lane (3 Lanes) Greenwood to Lakeshore	2,600,000
Red River Crossing @ 70th Street (New Bridge) (Est. \$25,000,000)	5,000,000
Knight Street Preston to Frontage Road	3,800,000
Joe Lewis Reconstruction MLK to Jameson	850,000
Jackie Robinson MLK to Kelsey	500,000
Miriam Street Wardlow to Jessica	200,000
Sarah Lane Hoyte to Mackey	650,000
Scenic Drive Paving (3800-4000 blocks) Asphalt paving with curb & gutter	<u>600,000</u>

Total.....\$182,750,000

BRIDGES:

Murphy Street Viaduct (remove/replace west abutment)	\$ 1,000,000
Millicent Avenue Extension/Bridge (3 Lanes) Creswell to Camelback	2,000,000
Linwood Overpass (Replacement)	13,000,000
US 171 Midway Railroad Bridge (Improve drainage)	1,000,000

Stoner Avenue Overpass (Replacement) Over Line Avenue	10,000,000
S. Lakeshore Bridge Replacement (2)	\$ <u>1,000,000</u>
Total.....	\$ 28,000,000

INTERSECTION IMPROVEMENTS:

East 70th @ Gilbert Add turn lanes	\$ 750,000
Line @ Ockley Add turn lanes	1,250,000
Hollywood @ Mansfield Add turn lanes	1,000,000
East 70th @ Creswell Add turn lanes	750,000
Kings @ Hearne Fairgrounds Entrance Improvements	1,600,000
Fant Parkway @ Knight Street Extension	<u>2,500,000</u>
Total.....	\$ 7,850,000

GENERAL CITYWIDE

• Sidewalk Program	\$ 35,000,000
• Traffic Signals	30,000,000
• Street Lighting	7,000,000
• Railroad Crossing	7,000,000
• Neighborhood Street Improvements	125,000,000
• Economic Development	15,000,000
• GIS Program	<u>15,000,000</u>
Total.....	\$ 234,000,000

SUMMARY

ROADWAY IMPROVEMENTS	\$ 182,750,000
BRIDGES	28,000,000
INTERSECTION IMPROVEMENTS	7,850,000
GENERAL CITYWIDE	<u>234,000,000</u>

Total Program.....\$ 452,600,000

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, 2006

TO: H. M. Strong
Director of Operational Services

FROM: Ron Norwood, P.E.
City Engineer

SUBJECT: Proposed Drainage Improvement Program – Revision No. 2

Attached are our recommendations for what should be included in a future Drainage Bond-Issue Program. We have detailed project lists to accommodate proposed \$30, \$60, and \$86.3 million programs.

I am available to discuss this at your convenience.

Ron Norwood, P.E.
City Engineer

RN:ism

Attachments

**CITY OF SHREVEPORT
DEPARTMENT OF OPERATIONAL SERVICES
DRAINAGE IMPROVEMENT PROGRAM**

\$86,300,000

<u>DRAINAGE IMPROVEMENTS:</u>	<u>COST</u>
Airport Ditch Repairs (Wyngate Drive)	\$1,300,000
Pierremont Park Ditch – Gilbert Lateral	1,500,000
Gilmer Bayou Overflow Bridge West of Dean Road At Colquitt (Reduce flooding in Southern Oaks area)	1,380,000
Brush Bayou Clearing & Dredging Inner Loop to Flourney-Lucas Road	3,700,000
Brookwood Ditch (Replace Hawthorne Street crossings)	420,000
Summer Grove Ditch Repairs (Baird Road to Williamson Way)	1,300,000
Jones-Mabry Lateral Paving (Improves major earthen ditch in MLK area)	1,840,000
MLK Ditch Paving (Linear Street upstream to existing paved section – 1994)	1,610,000
Juniper Place-River Oaks Ditch Improvements (Improve an existing earthen ditch to accommodate future Development in the area)	650,000
Green Forest Drive Ditch Paving	160,000
Albert Street Drainage (from Youree east to Anniston Street)	680,000
Box Culvert/Ditch along Bert Kouns from Town South Apartments to Sand Beach Bayou	980,000

Kingston Road Drainage North of Williamson Way, South of Willow Drive	560,000
Red Stone Ditch Paving MLK Area from Shreveport-Blanchard Road to MLK Drive	980,000
Earthen Ditch from Bert Kouns to Cromwell Drive (2500 l.f.)	650,000
9200 Block Dawnridge Drive Drainage (Industrial Loop to Cana)	580,000
Baywood Drie Drainage (Dean Road East)	250,000
Norris Ferry/Harts Island Study Projects (Estimated needs for future projects in the area)	5,000,000
100 Block Oakridge Drainage	1,080,000
Gilmer Bayou Ditch Repairs at Quail Ridge Bridge	200,000
North Highland Area Drainage (Empire Circle, Dearborn, Deer Park, Timber Lane, Wildwood Ave.)	850,000
Wintergarden Ditch Paving Wintergarden to North Market (Approximately 1100 l.f. 8' x 4' ditch paved)	675,000
Archer Drainage (3300 block of Youree to the 100 block of Archer)	860,000
Brush Bayou Paving (Mansfield Road @ Southern Pacific RR South to Mopac RR)	12,800,000
Pleasant Hill Road Drainage (Ellerbe West Drainage Improvements)	1,350,000
Broadacres Road Drainage (70 th Street to south of Westwood)	900,000
Bickham Bayou Paving (Pines Road @ Tierra to City Limits)	7,000,000
MLK Ditch Paving (Jones Mabry to North of Willis)	5,000,000

Acadiana Ditch Paving Stonebriar to Prestonwood	450,000
3802 West College Drainage	120,000
Jewella to Tate Drainage Improvements (Morningside Baptist Church)	350,000
Baxter Street/Denton Drainage Improvements Subsurface drainage system approximately 540 l.f.	250,000
Fernwood-Valleyview Ditch Paving Airport Ditch to Timberwood Drive	1,150,000
Green Terrace Ditch (Ardis Taylor Road to Givens Mobile Home Park, 2000 l.f.)	1,100,000
7100 Block Glenleaf Drainage (a) Paving ditch & 1500 l.f.	865,000
(b) Earthen from Church to Glenleaf Mobile Home	310,000
Judy Lane Ditch (at Watercrest Drive) Re-align earthen ditch within R.O.W. & erosion protection	350,000
McAdoo Street, Coronado, Birch, & Normandie Drive Drainage Improvements	1,100,000
Cherokee Park Ditch Improvements Improve major earthen ditch in Cherokee Park	1,700,000
6965 Buncombe Road Ditch Paving (Buncombe Road to City Limit, 1900 LF)	1,100,000
Audrey Lane Ditch, Phase I (2800 Block Freddie to Thomas Howard – ditch paving)	680,000
Audrey Lane Ditch, Phase II (Thomas Howard to End – ditch paving)	1,000,000
Lynbrook Ditch Walls Extension (Linwood Avenue to Coyth Lane)	<u>820,000</u>
TOTAL	\$65,600,000

CITYWIDE PROGRAM

Citywide Drainage Improvements	\$10,000,000
Drainage Ditch Repairs (Citywide to maintain paved drainage infrastructures)	7,800,000
Purchase of Flood Prone Properties (Citywide)	2,000,000
FEMA Updates & BFEs for "A" Zones	<u>900,000</u>
TOTAL	\$20,700,000

SUMMARY

Drainage Improvements	\$65,600,000
Citywide Program	<u>20,700,000</u>
TOTAL	\$86,300,000

Water and Sewer Projects by City Council District

Summary of Cost Estimates ^{1, 4}

<u>District</u>	<u>Sewer Estimate</u>	<u>Water Estimate</u>	<u>Water & Sewer Total</u>
A	\$15,610,000	\$16,960,000	\$32,570,000
B	\$20,102,775	\$15,531,000	\$35,633,775
C	\$18,240,325	\$10,920,000	\$29,160,325
D	\$10,461,445	\$35,043,000	\$45,504,445
E	\$15,364,273	\$12,070,000	\$27,434,273
F	\$11,461,916	\$11,290,000	\$22,751,916
G	\$9,730,000	\$14,640,000	\$24,370,000
City-wide Total	\$100,970,734	\$116,454,000	\$217,424,734

1: Includes district-wide renewal projects which span 2003-2008.

4: Does not include completed projects.

Summary of Cost Estimates for 2003 & 2004 Project Start Priority ^{2, 4}

<u>District</u>	<u>Sewer Estimate</u>	<u>Water Estimate</u>	<u>Water & Sewer Total</u>	<u>Percent of Overall</u>
				<u>Total</u>
A	\$3,215,000	\$7,090,000	\$10,305,000	32%
B	\$12,507,775	\$2,000,000	\$14,507,775	41%
C	\$5,015,000	\$680,000	\$5,695,000	20%
D	\$3,391,445	\$7,328,000	\$10,719,445	24%
E	\$9,071,273	\$1,470,000	\$10,541,273	38%
F	\$5,136,916	\$2,690,000	\$7,826,916	34%
G	\$2,670,000	\$5,390,000	\$8,060,000	33%
City-wide Total	\$41,007,409	\$26,648,000	\$67,655,409	31%

2: Does not include district-wide renewal projects which span 2003-2008.

4: Does not include completed projects.

Number of projects ^{3, 4}

<u>District</u>	<u>Sewer</u>	<u>Water</u>	<u>Total</u>
A	19	18	37
B	16	22	38
C	22	11	33
D	12	15	27
E	3	6	9
F	15	12	27
G	13	12	25
City-wide Total	100	96	196

3: Includes in the count the district-wide renewal projects which span 2003-2008.

4: Does not include completed projects.

Sewer Projects in District A						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	status
900 Block Charlotte Street Sewer & Water Improvements	R-52	500 LF 8" sewer main and 500 LF 8" water main	\$160,000		December 19, 2003	
3200 Block Marjorie Street Sewer Improvements	P-43	880 LF 8" sewer improvements	\$150,000	2005-2008		Design
3200 Block Sidney Street Sewer Improvements	P-43	730 LF 8" sewer improvements	\$150,000	2005-2008		Design
North Regional Manhole and Main Rehabilitation for large lines to WWTP	Various bounded by M-48, R-46, V-50	Rehabilitate manholes and mains on the large carrier pipes into the North Regional WWTP in order to reduce or eliminate I&I; Project costs are partially granted by EPA	\$2,700,000		October 19, 2005	
Rehabilitation and renewal for district wide deteriorated and aging sewer mains and manholes	District-wide	Estimate sewer mains for rehab or replacement using CIPP, directional bore, pipe-bursting, or open cut methods, and concurrently rehab/replace manholes	\$6,000,000	2005-2010		Planned
2900 Block Hattie Street Sewer Improvements	Q-45	920 LF 8" sewer improvements	\$215,000	2005-2008		Design
Manhole and Line Repair - northeast of the North Regional WWTP (Augurs 14"FM discharge)	R-49	2 manholes (MH#12 & MH#10) and CIPP rehab on 15" sewer line	\$150,000	2005-2007		Construction
Off of North Maket and Poleman Rd - Sewer line rehab and/or replacement (northwest of North Market and MLK)	M-48, N-49	Clean, TV, and repair 21" gravity sewer approximately 3200 LF (identified repairs needed on: M-48 MH 3 to 6, N-49 MH 27 to 3 & 4 to 5)	\$450,000	2005-2009		Planned
Agurs LS	Q-51	Replace pumps, station piping, bar screen, flowmeter, and force main.	\$2,000,000	2005-2009		Design - BBC
David Raines LS	R-45	Abandon and Replace Lift Station	\$110,000	2005-2009	June 1, 2005	
Hattie LS	Q-45	Replace pumps and station piping with new package LS that includes equipment enclosure and replace force main.	\$190,000	2005-2009		Construction
Legardy LS	P-47	Replace pumps, station piping, and flowmeter; add bar screen.	\$410,000	2005-2009		Design - Balar
Marjorie LS	P-43	Replace pump and station piping with new package LS that includes backup pump and equipment enclosure.	\$120,000	2005-2009		Construction
Mirador LS	X-44	Replace/upgrade electrical equipment and misc. repairs to LS climate control and structure.	\$20,000	2005-2009		Planned
Oak Forest LS	Q-44	Replace pumps and station piping with new package LS that includes equipment enclosure and replace force main.	\$270,000	2005-2009	6/16/2006	
Pine Hills Estates LS	P-43	Replace "can" LS with new package LS and wet well.	\$150,000	2005-2009		Pre-bid
Pine Hill Road LS	K-47	Replace/upgrade electrical equipment, misc. repairs to LS climate control and structure, and wet well rehabilitation.	\$30,000	2005-2009		Planned
Willow Point II LS	V-46	Replace pumps and station piping.	\$20,000	2005-2009		Planned
600 Block Aero Drive Sewer Improvements	R-52, S-52	Sewer main extension; in review for need and scope	\$150,000	2006-2010		Planned
North Hearne Lift Station Improvements	Q-52	Install complete wet well and submersible pumps & controls	\$125,000	2006-2010		Planned
Blanchard Rd/Havana St, MLK Drive Widening Project	P-44, Various	Upgrade undersized sewer and water mains, eliminate a pump station in conjunction with MLK widening by LA DOTD; project on hold	\$2,200,000	DOTD (2005-2010)		Planned
Total			\$15,610,000			19

Water Projects in District A						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	status
Portland Ave (900 - 1100 Blocks) Water Improvements	V-51	1267 LF 8" water main replacement	\$120,000		August 26, 2003	
1500 Block of Andrew Ave Water Improvements	W-51	600 LF 8" water main replacement of 2"	\$115,000	2003-2007		Design
Grimmett Dr from Kansas City Ave to Freestate Blvd water main improvements	R-52, R-53	2500 LF 8" water main replacement of 6" & 4"	\$375,000	2003-2007	Oct. 11, 2005	
McKinley from Kansas City Ave to Thomas St and Thomas St from Grimmett to North Market	R-52, R-53	2100 LF 8" water main replacement of 2"	\$300,000	2005-2008		Planned
Phase 1: N.Market to Aero, Hearne Ave from Milam St to North Market Water Main Improvements (phase2 Aero to Milam)	Various QS bounded by V-51 and Q-52	4400 LF 20" water main	\$550,000		July 1, 2005	
Phase 2: Aero to Milam, Hearne Ave from Milam St to North Market Water Main Improvements (phase1 N.Market to Aero)	Various QS bounded by V-51 and Q-52	12000 LF 20" water main	\$3,000,000	2003-2006	December 1, 2006	
Renewal and size upgrade for district wide undersized and aging water mains	District-wide	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.	\$4,500,000	2005-2010		Planned
Patzman from Western to Pierre Water Main Improvements	U-53	1325 LF 8" water main replacement of 2"	\$200,000	2005-2008		Construction
Clay from Western to Allen and Western from Clay south to mid block	U-53	850 LF 8" water main replacement of 2" and additional undersized lines adjacent to project	\$500,000	2005-2008		Planned
Alston from Webster to Dale	U-52	1000 LF 8" water main replacement of 2" and additional undersized lines adjacent to project	\$500,000	2005-2008		Planned
Garden from Holzman to Norma	U-51, U-52	1400 LF 8" water main replacement of 2" and additional undersized lines adjacent to project	\$500,000	2005-2008		Planned
2000 Garden from EOL to Holzman - Emerg.	U-51	6" water main replacement of 2"	\$75,000	2004-2006	August 17, 2005	
Russell Rd. from Nash to Regional and Regional from Russell to existing water line	R-48	Replacement and installation of 16" water line	\$600,000	2004-2006		Design - Sephan
Texas Street Bridge at Lakeshore Drive	X-52, W-52	24" water main attached to bridge structure	\$175,000	2005-2008		Planned
Wells Island Rd Water Main Extension	P-53	1600 LF 10" water main along Wells Island Rd West of Mayfair Dr	\$200,000	2005-2008		Planned
Fullerton Drive Water Main Extension	R-51, R-52, S-51, S-52	2550 LF 12" and 2025 LF 8" water main	\$520,000	2005-2007		Construction
Aero Drive Water Main Extension	R-52, S-52	3000 LF 12" Water Main	\$450,000	2006-2010		Planned
Audry, Falcon Loop, Towers, Aline, and Thatcher Streets Water Main Improvements	P-45 & P-46, O-48, R-48, S-54	5000 - 7000 LF of 8" water main Audry 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	\$600,000	2006-2010		Planned
Lakeshore from Willowridge to east of I-220 (Lakeshore widening to Curtis Ln)	X-44, X-45	2500 LF 24" water main improvements, associated with DOTD	\$600,000		July 24, 2003	
Twelve Mile Bayou Water Main Bridge Relocation (Old Mooringsport Rd)	O-51	Relocate utility bridge and water main, Coordinate with LA DOTD	\$250,500		March 12, 2003	
Shreveport Blanchard Hwy Water Main Improvements (from Hearne to MLK)	Various QS bounded by Q-44 and U-50	22000 LF 20" water main; coordinate/evaluate impacts with LA DOTD street widening project	\$3,500,000	DOTD (2005-2010)		Planned
Downtown Airport Water and Sewer Extensions	Q-54	3500 LF 10" water main, sewer LS, and force main; coordinate with Airport Authority	\$300,000	Hold		Design Complete
Total			\$16,960,000			18

Sewer Projects in District B						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	status
200 Block Dalzell Sewer Improvements (Boulevard)	X-56	1250 LF 8" sewer replacement	\$160,000		July 16, 2004	
900 Block Stephenson Sewer Improvements	Y-54	650 LF 8" sewer replacement	\$115,000		September 5, 2003	
100 Block East Olive, Alley to the South, from Centenary to Alexander	X-56	550 LF 8" sewer replacement	\$65,000		September 10, 2003	
Waco St Sewer- Emergency	Y-57	620 LF 8" sewer replacement	\$73,445		June 8, 2004	
300 block Columbia St Sewer - Emergency	Y-56	290 LF 8" sewer replacement	\$52,750		November 17, 2004	
CIPP Contract with Insituform, remaining budget	X-56	CIPP Lining, remaining budget to be used on work order	\$28,000		Complete	
100 Block East Herndon (north alley, to mid block only) - Emergency	W-56	375 LF 8" sewer replacement	\$100,000		February 1, 2005	
100 Block College (south alley) - Emergency	X-56	525 LF 8" sewer replacement	\$100,000		March 1, 2005	
1000 & 1100 Olive Street (southern rear) from Southern to Fairfield	X-54, X-53	860 LF 8" sewer replacement	\$150,000		October 19, 2006	
3800 - 3900 Blk Virginia - Emergency	Z-51	345 LF 8" sewer replacement	\$39,775		September 19, 2006	
Unadilla and Trabue from Line to Fairfield Sewer Improvements	AA-54	2400 LF 8" sewer replacement	\$450,000	2005-2008		Planned
1300 Block Summers St Sewer Improvements	AA-53	450 LF 10" sewer replacement	\$150,000	2005-2008		Planned
Baltimore, Richmond CIPP	AA-54	4075 LF 8" & 10" CIPP Lining	\$375,000	2005-2008		Planned
Gladstone (southern rear) from Creswell to Highland Sewer Improvements	Y-55	600 LF 8" sewer replacement	\$150,000	2005-2008		Planned
Stoner Lift Station Replacement	W-58	Replace entire lift station with modern facility	\$4,000,000		November 1, 2005	
Corbitt Area Sewer and Water Improvements, Phases 1-3	AA-51, AA-52, BB-51, BB-52, CC-51	20,650 LF of sewer and 5900 LF of water over three phases	\$5,000,000	2003-2007	PhI- December 2006	Ph II & III - Planned
Rehabilitation and renewal for district wide deteriorated and aging sewer mains and manholes	District-wide	Estimate sewer mains for rehab or replacement using CIPP, directional bore, pipe-bursting, or open cut methods, and concurrently rehab/replace manholes	\$5,000,000	2005-2010		Planned
3000 Block Southern Ave Sewer Improvements	Y-53, Y-54	1250 LF 8" sewer replacement	\$200,000	2005-2008		Planned
Prospect (rear) from Gilbert to Morehead Sewer Improvements	X-56	800 LF 8" sewer replacement	\$150,000	2005-2008		Planned
East Robinson from Centenary to Cornwell (alley north Robinson)	X-56	2000 LF 8" sewer replacement	\$450,000	2005-2009		Planned
Robinson (alley south of Robinson)	X-56	350 LF 8" sewer replacement	\$50,000		October 1, 2005	
3100-3400 Mansfield Rd from Claiborne to Kings Sewer Improvements	Y-51, Y-52	1980 LF new 8" sewer and CIPP of existing sewer	\$403,000		September 27, 2006	
Line, Dalzell, College, & Dillingham Streets Sewer Improvements	X-55	Approx 5400 LF 8" & 10" sewer replacement	\$600,000	2005-2009		Planned
Jordan (southern rear) from Coty to Centenary	W-56	510 LF 8" sewer replacement	\$140,000	2005-2009		Planned
Fannin LS	T-54	Replace "can" LS with new built in place LS. Replace force main and add bar screen.	\$930,000	2003-2007		Pre-bid
College from Coty to Centenary Sewer Improvements	X-56	680 LF 8" sewer replacement	\$150,000	2005-2009		Planned
Wilkinson to Stephenson, west of and along Creswell and between Robinson and Wilkinson east to Creswell	X-55, Y-55	4500 LF 12" sewer main improvements	\$600,000	2006-20010		Planned
2600 Blk of Emery Sewer Repair	Z-51	930 LF 8" sewer main improvements (need TV to determine CIPP possibility)	\$125,000	2006-20010		Planned
South Highland LS	AA-54	Replace pumps, station piping, bar screen, and flowmeter.	\$790,000	2006-2007		Design - Buchart Horn
Total			\$20,102,775			16

Water Projects in District B						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	status
600 Spring St from Milam to Crockett Water Improvements	U-55	425 LF 8" water main and streetscape landscaping	\$120,000		March 5, 2004	
Barret St from Wilkinson to Kings and Wilkinson St from Southern to Fairfield Water Improvements (98-E012)	Y-54	2750 LF 8" water replacement	\$220,000		July 28, 2003	
1600 Blk Michel	AA-52	650 LF 8" water main replacement	\$52,170	2006-2007		Construction
Doris St, State St, and Lash St from St.Vincent to Linwood Water Improvements	BB-53	3400 LF 8" water replacement and adjacent undersized mains	\$850,000	2005-2008		Planned
Hope St. Area Water Main Improvements	V-53, V-54	replace 2,400 LF of 6" with 10" water main	\$256,000	2003-2008		Design - Hyde
Renewal and size upgrade for district wide undersized and aging water mains	District-wide	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.	\$6,000,000	2005-2010		Planned
Clanton St from Linwood to Bernstein Water Improvements	BB-52	1350 LF 8" water replacement	\$250,000	2004-2007		Planned
Christian St from View St to Milam St Water Improvements	U-53	2000 LF 10" water replacement and about 2000 LF replacing adjacent undersized lines	\$500,000	2005-2008		Planned
Baker from EOL at I-20 to Snow and Snow from Baker to Common	V-54	1500 LF 8" water main replacement	\$250,000	2005-2008		Planned
Pickett from EOL at I-20 to Snow	V-54	650 LF 8" water main replacement	\$150,000	2004-2007		Construction
Southern Ave from Jordan to St.Vincent Water Improvements	W-54, X-54, Y-54	7000 LF 16" water replacement	\$1,200,000	2005-2008		Planned
Wells St Water Main Extension	Z-52	2250 LF 8" water main replacement and extension	\$250,000	2005-2008		Planned
Dickinson from Linwood to St. Vincent Water Main Upgrade	Z-53	Replace 2.5" & 3" water main	\$150,000		August 2, 2006	
East Merrick and East College from Holly to Youree, and other adjacent undersized water lines in QS X-57 - Water Main upgrades	X-57	Replace 2.5" water main	\$500,000	2006-2010		Planned
Centenary from Washington to Columbia water main upgrade	Y-56	Replace 2" water main	\$75,000	2006-2010		Planned
Boulevard from Thornhill to Dillingham water main upgrade	X-54, X-55	Replace 2.5" water main	\$200,000	2006-2010		Planned
Blanchard Place from Fairfield to Barret water main upgrade	Y-54	Replace 2" water main	\$125,000	2006-2010		Planned
Rendal and Leander Streets from Southern to Barret water main upgrade	X-54, X-55	Replace 2" water main	\$250,000	2006-2010		Planned
Stephenson and Jefferson Streets from Fairfield to Line water main upgrade	Y-54	Replace 2" water main	\$400,000	2006-2010		Planned
Glen Oak from Dowdell to William water main upgrade	Y-53	Replace 2" water main	\$250,000	2006-2010		Planned
Rutherford from Woodlawn to Holly water main upgrade	Y-56, Y-57	Replace 2" water main	\$250,000	2006-2010		Planned
QS AA-52 & BB-52 Water Main Improvements (Adjacent to the 3-phased Corbitt Area Sewer & Water Improvements)	AA-52, BB-52	Approx. 12000 LF water main upsize in QS AA-52 & BB-52 (Streets including Michel, Caroline, Alma, Belmont, Joplin, Ridgemoor, Doris, Earl, State)	\$1,850,000	2006-2010		Planned
Atkins from Alexander to Centenary water main upgrade	Y-56	Replace 2" water main	\$125,000	2006-2010		Planned
Richmond from Ockley to Erie Water Improvements	AA-54, BB-54	3600 LF 12" water replacement and adjacent undersized mains	\$1,000,000	2006-2010		Planned
Marshall from Franklin to Stoner	U-55, V-55, V-56	4200 LF 12" water main improvements	\$650,000	2006-2011		Planned
Total			\$15,531,000			22

Sewer Projects in District C						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	status
900 Block of Erie Street (Alley North of Erie) Sewer Improvements	BB-54	560 LF 8" sewer replacement and 560 LF 24" storm sewer replacement	\$175,000		May 10, 2004	
300 & 400 Blocks of Albert Street Sewer Improvements	AA-56, AA-57	4550 LF 15" sewer replacement	\$1,200,000		April 1, 2006	
Alley South of the 100 Block Bruce Avenue Sewer Improvements - CIPP Phi	BB-58, BB-59	1350 LF 8" sewer replacement- Included in CIPP Phase I	\$350,000		December 1, 2006	
Querbes Surge Tank Installation	AA-56	install surge tank on sewer force main	\$250,000		October 24, 2006	
Querbes Lift Station Odor & Climate Control Systems	AA-56	Lift Station improvements & Odor Control (biofilter system & modifications to doors & windows)	\$400,000	2003-2005		Pre-bid
Dillingham Street South of Pierremont Road Sewer Main Replacement & Improvements	CC-55	2000 LF 12", and 8" sewer replacement	\$350,000		May 26, 2004	
Drexell and Thornhill West of Line Ave Sewer Main Replacement & Improvements	CC-55	2150 LF 10", 15", and 24" sewer replacement	\$500,000	2003-2007		Planned
CIPP - Phase I	AA-55, AA-56, BB-58	9000 LF of sewer rehabilitation by the CIPP method & manhole rehabilitation	\$1,000,000	2003-2007		Construction
300 Blk of Bellmead Sewer Rehab - Emergency	CC-57	350 LF of 8" sewer replacement	\$55,325		July 14, 2006	
Rehabilitation and renewal for district wide deteriorated and aging sewer mains and manholes	District-wide	Estimate sewer mains for rehab or replacement using CIPP, directional bore, pipe-bursting, or open cut methods, and concurrently rehab/replace manholes	\$4,000,000	2005-2010		Planned
Querbes Drive and Brookmeade Drive Sewer Improvements	DD-56	2100 LF 15" & 12" sewer replacement, New lift station, 1000 LF 10" force main	\$1,350,000	2004-2007		Planned
6700 Block Gilbert Sewer Improvements	DD-55, DD-56	525 LF 8" and 315 LF 12" sewer main	\$250,000	2004-2007		Planned
Sherwood and Lexington Sewer	CC-54	8" sewer, scope to be refined	\$200,000	2004-2007		Planned
Northwest of Fairfield and Pierremont intersection sewer replacement	CC-54	8" sewer, scope to be refined	\$200,000	2004-2007		Planned
Fairfield from 64th to 70th	DD-54	2100 LF 10" sewer replacement	\$315,000	2004-2007		Planned
Broadmoor LS	CC-56	Replace pumps, station piping, bar screen, and flowmeter.	\$1,000,000	2005-2007		Pre-bid
Broadmoor LS Odor Control (downstream)	CC-56	Odor Control - Bioxade AQ	\$100,000	2005-2007		Pre-bid
Dixie Garden LS	BB-59	Replace pumps, station piping, and flowmeter; alternatively install new package LS and larger wet well.	\$180,000	2005-2006		Construction
Alleys North and South of Johnette Street Sewer Improvements	Y-57, Z-57	2000 LF 8" sewer replacement	\$450,000	2005-2006		Planned
Alley South of Atlantic Avenue from Grover to Anniston Sewer Improvements	AA-58	1575 LF 8" sewer CIPP Lining and manhole rehabilitation	\$275,000	2005-2006		Planned
Knight Street Force Main Replacement	Y-60, Z-60	2000 LF 6" force main replacement	\$550,000	2005-2006		Planned
Knight Street Lift Station Odor Control	Y-60	odor control (routine cleaning or chlorine dioxide)	\$100,000	2005-2006		Planned
Alleys North and South of Greenway Place (3700 & 3800 Blocks) Sewer Improvements	AA-56, AA-57	9000 LF 8" sewer replacement	\$2,300,000	2006-2007		Planned
300 Block Pennsylvania Avenue and Alley East of Clingman Drive Sewer Improvements	BB-57	600 LF 10" and 8" sewer replacement	\$190,000	2006-2007		Planned
Alley South of the 300 Block of Wilder Place Sewer Improvements	Z-56	1000 LF 15" sewer replacement	\$325,000	2006-2007		Planned
Alley South of Patton Avenue from Grover to Kings Hwy Sewer Improvements	AA-58, AA-59	4000 LF 8" sewer replacement	\$650,000	2006-2007		Planned
Ockley and Creswell towards Gilbert Avenue Sewer Improvements	AA-55	2200 LF 8" & 21" sewer replacement	\$650,000	2006-2007		Planned
300 & 400 Blocks of Ockley Drive Sewer Improvements	AA-56, AA-57	4400 LF 8" sewer installation	\$1,400,000	2007-2008		Planned
Total			\$18,240,325			22

Water Projects in District C						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	status
200 & 300 Block of East 73rd Street Water Improvements	EE-54	1285 LF 8" water replacement	\$110,000		August 11, 2003	
East Ridge Drive Water Improvement	CC-56, DD-56	6000 LF 8" and 12" water replacement	\$450,000		August 2, 2004	
Longleaf from Gilbert to Line, Monrovia from Gilbert to Line, and College from Creswell to Ockley Water Improvements	AA-55	8000 LF 8" and 10" water replacement	\$650,000		October 24, 2003	
7600 Gibson Water Improvements - Emergency	EE-55	450 LF of 8" replacement	\$57,165		June 22, 2006	
Renewal and size upgrade for district wide undersized and aging water mains	District-wide	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.	\$5,000,000	2005-2010		Planned
Multiple Streets in QS DD-55 including Bates, Daniel, Bethany, Myra, Beckett, and Dillingham Water Improvements	DD-55	3150 LF 8" water replacement	\$680,000	2006-2008		Planned
Russell from Grover to Anniston Water Improvements	BB-58	1000 LF 8" water replacement	\$200,000	2006-2008		Planned
Glen Iris from Erie to Ontario Water Improvements	BB-54	900 LF 8" water replacement	\$190,000	2006-2008		Planned
Grover from Patton to Preston and Preston from Youree to Anniston Water Improvements	AA-58	1900 LF 8" water replacement	\$400,000	2006-2008		Planned
Atlantic from Norway to Youree and Akard from Atlantic to Albert Water Improvements	AA-56, AA-57	4100 LF 8" water replacement	\$850,000	2006-2008		Planned
Carrollton from Akard to Steere, Steere from Leo to Pennsylvania, and Southfield and Steere Water Improvements	BB-57	2100 LF 8" water replacement	\$500,000	2006-2008		Planned
Gilbert from Ockley to Monrovia Water Improvements	AA-55, AA-56	1650 LF 8" water replacement	\$400,000	2008-2010		Planned
Kayla from Youree To Anniston Water Improvements	CC-58	3250 LF 8" water replacement	\$500,000	2008-2010		Planned
Gilbert Street from Pierremont Road to Monrovia Water Improvements	AA-55, BB-55, CC-55	3480 LF 10" water replacement	\$900,000	2005-2006		Design - Atchley
Southfield Road from Youree Dr. to E. Kings Water Main Improvements	BB-57, BB-58, BB-59	4230 LF 12" water replacement	\$1,300,000	2008-2010		Planned
Total			\$10,920,000			11

Sewer Projects in District D						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	status
Ellerbe Rd Sewer Extension	II-56	1000 LF 8" sewer installation	\$125,000		September 10, 2003	
Stratmore Circle Manhole	HH-60	Replace manhole, restore grade and surface features	\$25,000		July 15, 2003	
Wallace Force Main, Overton Brooks and Ballentrae Circle - Emergency	NN-59	800 LF 36" Force Main Replacement- Emergency	\$200,000		March 29, 2005	
8900 Blk of Gkenmora Sewer Rehab - Emergency	GG-56	150 LF of 8" Replacement	\$31,445		February 2, 2006	
Kingstowne Sewer Improvements	GG-51	Reroute/rehab 15" sewer or install LS to prevent overflow	\$350,000	2006-2008		Planned
Rehabilitation and renewal for district wide deteriorated and aging sewer mains and manholes	District-wide	Estimate sewer mains for rehab or replacement using CIPP, directional bore, pipe-bursting, or open cut methods, and concurrently rehab/replace manholes	\$5,500,000	2005-2010		Planned
9700 & 9800 Blocks Norris Ferry Rd	NN-58	1500 LF 8" sewer installation	\$200,000		Complete	
Long Lake LS	OO-60	Replace pumps and station piping (existing package LS) with new package LS providing higher head & larger motors. Provide Access Road.	\$130,000	2004-2005		Design - CDM
Stratmore LS	HH-61	Replace pumps and station piping.	\$80,000	2006-2008		Planned
Wallace Force Main at Overton Brooks Rd	00-58	Rehabilitate/Replace part of Wallace Force Main	\$1,200,000	2006-2008		Planned
Southern Loop Sewer Main Improvements	PP-56, PP-57, PP-58	North of Southern Loop Rd between Norris Ferry RD and Wallace Lake RD	\$1,200,000	2004-2008		Construction
LaCaze LS	LL-52	Replace pumps and station piping with new package LS that includes equipment enclosure.	\$110,000	2005-2006		Construction
MH 18 QS EE-56 Odor Control	EE-56	Odor control at MH 18 and 2 MHs downstream - biofilter inserts	\$5,000	2006-2008		Planned
Lucas Lift Station	HH-59	Improvements and odor control (bar screen, Biofilter odor control, electrical & structural repairs)	\$1,000,000	2005-2008		Design - Civil Design
North Pierre Lift Station	JJ-59	Modify MCC room & install climate control & HVAC	\$100,000	2006-2009		Planned
Lucas Outfall	JJ-61	Replace check valves & suction valves, replace motors & pumps, install an additional pump, install climate control HVAC, modify MCC room.	\$350,000	2008-2010		Planned
Evaluation of Sand Beach LS	EE-57	Evaluate odor and operation	\$5,000	2008-2010		Planned
Total			\$10,461,445			12

Water Projects in District D						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	status
Renewal and size upgrade for district wide undersized and aging water mains	District-wide	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.	\$4,000,000	2003-2008		Planned
Phase 1 - Water Main Improvements Along West Side of LA Hwy 1	MM-64, NN-65	12,200 LF 16" water main, from 2500 ft south of Leonard Rd south to the southern most Port Rd	\$793,000	2004-2008		Planned
Stonehedge Dr - Emergency		Install 850 LF of 8" water main	\$45,000		August 17,2005	
Renture St at Liberty Water Improvements	EE-55	1400 LF 8" water replacement	\$215,000	2004-2006		Planned
Woodmont from Wyngate to Westbrook Water Improvements	GG-51	1600 LF 8" water replacement	\$275,000	2004-2006		Planned
Southern Loop Water Main Extension	Various from LL-53 to QQ-53	3000 LF 12", 13500 LF 16", 39000 LF 24" (total 55,500 LF) from Linwood Ave near elevated tank to Brushy Creek, to (Norris Ferry Rd, to Ellerbe Rd, to LA Hwy 1 at the Port of Shreveport) - Phase I	\$6,000,000	2004-2008	Phase I - 11/2004	Phase II - Design - Buchart Horn
SE Shreveport Water Main Installation Phase I - 36" main from Walker Rd. to Inner Loop	GG-46 to GG-53	Installation of 21,000 LF of 36" Water Main from existing 36" to exist 16" mains	\$4,935,000	2006-2008		Design - BKI
SE Shreveport Water Main Installation Phase II - 36" main on Inner Loop	GG-53, GG-54, HH-55, HH-56, HH-57	Installation of 10,000 LF of 36" Water Main	\$2,350,000	2006-2008		Design - Balar
SE Shreveport Water Main Improv. Phase I II - Storage Tank	HH-56	Installation of a new ground storage and pumping facility	\$6,500,000	2006-2008		Design - CDM
Janie Lane from Glen Erica to Spring Lake Water Improvements	FF-56	1750 LF 10" water replacement	\$450,000	2007-2009		Planned
Phase 2 - Water Main Improvements Along West Side of LA Hwy 1	NN-65, OO-65	12,000 LF 16" water main, from the southern most Port Rd to the end of the 30" water main	\$780,000	2007-2009		Planned
Wallace Lake from Flourney-Lucas to Overton Brooks to Southern Loop Extension (Barren Rd)	LL-56, MM-55 to PP-55, PP-56	7700 LF 16" and 8000 LF 12" water main	\$3,150,000	2008-2012		Planned
Mayo Rd from Linwood to Wallace Lake	MM-53 to MM-55	7750 LF 12" water main	\$1,000,000	2008-2012		Planned
Overton Brooks Rd from Wallace Lake to Southern Pacific RR crossing	NN-56 to NN-58	6500 LF 12" water main	\$800,000	2008-2012		Planned
Ellerbe Rd from Railsback to Nottingham	MM-59 to PP-61	11100 LF 16" water main	\$1,750,000	2008-2012		Planned
Railsback from Ellerbe to LA HWY 1	MM-59 to LL-63	12000 LF 12" water main	\$2,000,000	2008-2012		Planned
Total			\$35,043,000			15

Sewer Projects in District E						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	Status
Fairlawn Drive - Southern Hills Interceptor - Emergency	L-51	220 LF 30" sewer replacement - emergency	\$71,273		March 10, 2005	
Wallace Lift Station	OO-50	Replace entire lift station with modern facility, URS currently doing design	\$4,000,000	2003-2006		Construction
Rehabilitation and renewal for district wide deteriorated and aging sewer mains and manholes	District-wide	Estimate sewer mains for rehab or replacement using CIPP, directional bore, pipe-bursting, or open cut methods, and concurrently rehab/replace manholes	\$6,000,000	2005-2010		Planned
Southern Hills Interceptor	LL-51	5800 LF 30" sewer main; two emergency projects complete and remainder put on hold for additional evaluation	\$5,000,000	2008-2010		Planned
Walnut Hill Sewer and Water Installation	KK-37	Install 8" water and sewer	\$293,000	2004-2008		Design - ARE
Total			\$15,364,273			3
Water Projects in District E						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	status
Ardis Taylor, Colquitt to Leaside	LL-45	1550 LF 8" water main	\$200,000		April 5, 2004	
Renewal and size upgrade for district wide undersized and aging water mains	District-wide	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.	\$6,000,000	2005-2010		Planned
North Southland Park Drive Water Main Improvements	JJ-47, KK-47	Replace 2350 LF 8" water main and 950 LF 3" water main	\$495,000	2008-2010		Planned
Industrial Loop from Mansfield to Blom Water Improvements	JJ-48, JJ-49	4500 LF 12" water replacement	\$750,000	2008-2010		Planned
Francais from Kingston to Midvale	KK-50, KK-51	Approx.1500 LF 8" water main replacement	\$225,000	2008-2010		Planned
Silver Pines and Frostwood from Lotus to Jonathan and Price from Frostwood to Jonathan Water Improvements	GG-48	4750 LF 8" water replacement	\$600,000	2008-2010		Planned
Inner Loop Parkway from Walker to St Vincent and Walker from Meriwether to Inner Loop	Various QS bounded by HH-47 and HH-54	21000 LF 36" water main improvements	\$4,000,000	2008-2010		Planned
Total			\$12,070,000			6

Sewer Projects in District F						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	status
700 Blk West 73rd St Sewer - Emergency	EE-52	665 LF 8" sewer replacement	\$36,600		May 26, 2004	
Vivian (North Alley) from Werner to Hearne (mid block)	AA-50	400 LF 8" sewer replacement	\$90,000		May , 2005	
Alley N of Woodford (between Drexel and Woodford from Hearne to Mansfield)	AA-51	3100 LF 8" sewer replacement	\$250,000	2007-2009		Planned
2500 Block Drexel - Emergency	AA-51	400 LF 8" sewer replacement	\$46,916		November 2, 2006	
Devaughn to Virginia to Drexel	AA-51	2500 LF 8" sewer replacement	\$350,000	2007-2009		Planned
Lindholm & Woodford from Mansfield to Hearne	AA-51	3000 LF 8" sewer replacement	\$450,000	2007-2009		Planned
Cedar Grove Lift Station, Odor Control	FF-52	odor control (bar screen, Biofilter odor control) check valves & suction valves, replace & replace PLC & VFD units	\$1,250,000	2003-2006		Construction
Rehabilitation and renewal for district wide deteriorated and aging sewer mains and manholes	District-wide	Estimate sewer mains for rehab or replacement using CIPP, directional bore, pipe-bursting, or open cut methods, and concurrently rehab/replace manholes	\$6,000,000	2005-2010		Planned
66th Street from Cliff to Wallace	DD-52	600 LF 8" sewer replacement	\$150,000	2007-2010		Planned
Between Midway and Devaughn from Hudson to Fairy	AA-50	1400 LF 8" sewer replacement	\$250,000	2007-2010		Planned
Cliff Ave and 72nd St	EE-52	1100 LF 8" sewer replacement	\$200,000	2007-2010		Planned
Corbitt from Velva to West of Fairy	AA-50	850 LF 8" sewer replacement	\$150,000	2007-2010		Planned
Canal at Grassmere	DD-50	1750 LF 8" sewer replacement, also adjacent sewer Parkridge and Sunnybrook to Quilen	\$550,000	2007-2010		Planned
Clark from Jewella to Alto Vista	BB-49	2500 LF 12" sewer replacement	\$400,000	2007-2010		Planned
Pixley and Snowden Streets	CC-48	2500 LF 12" sewer replacement	\$400,000	2007-2010		Planned
Hearne from Midway to Westover (except between Drexel and Woodford and the 1/2 block south of Lindholm)	AA-51, BB-51	3000 LF 15" sewer replacement	\$600,000	2007-2010		Design
5300 Block Virginia Sewer Improvements	BB-51	1000 LF 8" sewer replacement	\$175,000	2007-2010		Planned
3950 West 70th Street water and sewer	DD-48	Extension of water and sewer, scope to be refined	\$150,000	2008-2012		Planned
Total			\$11,461,916			15
Water Projects in District F						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	status
5000 Block of Prentiss St and 3000 Block of Westover St Water Improvements	BB-50	1400 LF 8" water replacement	\$200,000		October 21, 2004	
7100 Blk Brandway	EE-50	890 LF 6" water replacement	\$89,000			Construction
2400-2600 Lindholm water and sewer	AA-51	2500 LF 8" water replacement and 1000 LF 8" & 15" sewer replacement	\$250,000	2007-2009		Planned
Devaughn from Mansfield west to EOL	AA-51	1600 LF 8" water replacement	\$225,000	2007-2009		Planned
Devaughn from Rightway Rd to Hudson	AA-50	3115 LF 8" water replacement	\$425,000	2007-2009		Planned
Drexel from Virginia west to Rightway Rd (Railroad)	AA-51	500 LF 8" water replacement	\$100,000	2007-2009		Planned
Vivian from Mansfield to Werner	AA-51, AA-50	2100 LF 8" water replacement	\$350,000	2003-2005		Construction
Murray from Mansfield to Werner	AA-51, AA-50	2450 LF 8" water replacement	\$350,000	2003-2005		Construction
82nd, 83rd, & Ray Streets from Linwood to Bayou Point	FF-52	3780 LF 8" water main replacement	\$315,000		October 19, 2006	
Renewal and size upgrade for district wide undersized and aging water mains	District-wide	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.	\$6,000,000	2005-2010		Planned
West 78th from St. Vincent to Dillman Water Improvements	FF-53	700 LF 8" water replacement	\$175,000	2007-2010		Planned
Hollywood Ave at northwest corner of Shreveport Regional Airport	CC-43, CC-44	3200 LF 12" water main improvements	\$500,000	2007-2010		Planned
West Canal from Hollywood to 70th	CC-50, DD-50	5700 LF 12" water replacement	\$1,500,000	2007-2010		Planned
Corbitt from Mansfield to Hudson	AA-50, AA-51	3900 LF 8" water replacement	\$600,000	2007-2010		Planned
Hudson from Midway to Clark	AA-50, BB-49	3600 LF 8" water replacement	\$500,000	2007-2010		Planned
Total			\$11,290,000			12

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Sewer Projects in District G						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	status
Stonewall from Carrie to I-20 Service Road	X-51	500 LF 8" sewer replacement	\$120,000		October 1, 2006	
Lakeshore (southern alley) from Jewella to Grove	X-49	605 LF 8" sewer replacement	\$110,000		September 22, 2003	
Woolworth Road Sewer Extension	JJ-38, KK-38, KK-37, LL-37	8500 LF 10", 12", 15" sewer main installation	\$500,000		September 25, 2003	
Huston and Sumner West of Jewella	Y-48	600 LF 10" sewer replacement	\$100,000		September 11, 2003	
Hasset and Hardy manholes	Y-48	Replace three manholes, emergency	\$25,000		September 2, 2003	
DeSoto Area Wastewater Collection System Rehabilitation	Z-49, Z-50	4900 LF 12" sewer replacement	\$750,000		December 8, 2004	
I-20 at Jewella - Emergency	Z-48	570 LF 8" sewer replacement	\$50,000		October 1, 2004	
8900 Blk Glenmora - Emergency	GG-56	150 LF sewer replacement	\$28,615		April 16, 2006	
1500 Blk Glen - Emergency		511 LF sewer replacement	\$88,540		October 17, 2006	
Woolworth Road Sewer Extension, Force Main and Lift Station	LL-37	Lift station and force main from landfill to end of gravity on Woolworth road	\$350,000	2003-2004		Construction
Bickham Bayou Lift Station, Pines Rd Interceptor Boxes Odor Control	CC-40	Odor Control & Surge Tank	\$250,000	2003-2005		Construction
Hasset (western alley) from Sunset to Michigan	W-48	2000 LF 8" sewer replacement	\$250,000	2007-2009		Planned
Rehabilitation and renewal for district wide deteriorated and aging sewer mains and manholes	District-wide	Estimate sewer mains for rehab or replacement using CIPP, directional bore, pipe-bursting, or open cut methods, and concurrently rehab/replace manholes	\$6,000,000	2005-2010		Planned
4100 Block San Jacinto	Z-49	500 LF 8" sewer replacement	\$125,000	2007-2009		Planned
Wildwood and Homeacres Subdivision	BB-42, CC-42	Review sewer service in area and refine scope of project	\$250,000	c		Planned
Darien LS	X-49	Replace pumps, station piping, bar screen, and flowmeter.	\$800,000	2007-2009		Design - NTB
Looney LS	V-49	Replace "can" LS with new package LS and wet well.	\$150,000	2007-2009		Planned
Milton St from MH 39 to EOL	X-50	500 LF 8" sewer replacement	\$125,000	2007-2009		Planned
3500-3600 Block Greenbriar	W-49	2000 LF 8" sewer replacement	\$250,000		September 11, 2006	
Noxubee Drive Sewer and Water Extensions	W-39	800 LF 8" water and sewer main installation	\$175,000	2007-2010		Planned
Pinecrest Lift Station	Y-38	Replace suction lines & valves, check valves & discharge valves, install motor & pump unit complete	\$95,000	2007-2010		Planned
Hardy LS	Y-48	Replace pumps, station piping, bar screen, and flowmeter.	\$770,000	2007-2009		Design - Alliance
Sunset LS	V-48	Replace/upgrade electrical equipment and misc. repairs to LS structure.	\$20,000	2007-2010		Planned
Total			\$9,730,000			13
Water Projects in District G						
Project Name	Quarter Section	Project Description	Cost Estimate	Priority	Date Completed	status
2200 Blk Stonewall	X-51	300 6" water replacement	\$54,000		December 6, 2006	
Merrill from Hardy north to EOL	Y-48	350 LF 8" water replacement	\$100,000	2006-2008		Planned
3500 Block Woodrow	Y-49	600 LF 8" water replacement	\$115,000	2006-2009		Planned
Lillian, West College, Catherine, and Frederick from Jewella to Hearne	X-49, X-50	21200 LF 8" water replacement	\$3,000,000	2006-2010		Planned
Leslie St. from Carrie to Portland - emergency	X-50	550 LF of 8" water replacement	\$160,000	2003-2008		Construction
West Laurel Street Area (Exposition, Arkansas, Chestnut, Maple, & Caperton)	W-50	8500 LF 8" water replacement	\$1,000,000	2003-2007		Design - In House
Renewal and size upgrade for district wide undersized and aging water mains	District-wide	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.	\$6,000,000	2005-2010		Planned
2800-2900 Block Mertis	X-49	2000 LF 8" water replacement	\$250,000	2007-2009		Planned
4100-4200 Block Barbara from Greenwood to Lyba	AA-46	2500 LF 8" water replacement	\$315,000	2007-2009		Planned
Buncombe Rd sections from Flourney-Lucas to Bert Kouns Industrial Loop to Woolworth Rd	HH-38, HH-39, II-37, JJ-37	1300 LF 16" and 1300 LF 12" water main	\$450,000	2007-2009		Planned
2900-3100 Block Chestnut	W-50	2000 LF 8" water replacement	\$250,000	2007-2009		Planned
From Amiss High Service Pumping Station to 60" main at West College	V-49, W-49, X-49	6200 LF 60" water main improvements	\$2,000,000	2005-2010		Design - Alliance
Greenwood Rd from Broadacres to Bert Kouns Industrial Loop	CC-37 to CC-39	6200 LF 16" water main	\$1,000,000	2008-2010		Planned
Total			\$14,640,000			12

Street Projects by City Council District

Summary of Cost Estimates ¹

District	Streets
A	\$34,441,217
B	\$30,284,447
C	\$14,147,452
D	\$29,208,283
E	\$26,848,476
F	\$12,836,064
G	\$10,485,492
City-wide Total	\$158,251,431

1: Includes street lighting on state routes and neighborhood street improvement projects which span 2003-2005 and asphalt overlay project which spans 2003-2008.

Summary of Cost Estimates for 2003 & 2004 Project Start Priority ²

District	Streets	Percent of District Total
A	\$5,366,500	16%
B	\$5,366,500	18%
C	\$3,406,500	24%
D	\$8,446,500	29%
E	\$6,936,500	26%
F	\$4,251,500	33%
G	\$2,931,500	28%
City-wide Total	\$36,705,500	23%

2: Does not include street lighting on state routes and neighborhood street improvement projects which span 2003-2005 and asphalt overlay project which spans 2003-2008.

Number of projects ³

District	Streets
A	15
B	19
C	15
D	18
E	20
F	16
G	15
City-wide Total	118

3: Includes in the count the street lighting on state routes and neighborhood street improvement projects which span 2003-2005 and asphalt overlay project which spans 2003-2008.

Street Projects in District A

<u>Project Name</u>	<u>Project Description</u>	<u>Cost Estimate</u>	<u>Priority</u>	<u>Date Completed</u>
Havanna Street Paving	New Concrete Street Improvements with Subsurface Drainage and Sidewalks	\$600,000	2003	2004
Concrete Sidewalk Replacement	Rehabilitate Concrete Sidewalks	\$238,500	2003	2004-2005
Concrete Panel Replacement	Rehabilitate various Concrete Surfaced Streets	\$258,000	2003	2005
Lakeshore Drive Extension	New Concrete Street Improvements Widening to Four Lanes	\$2,280,000	DOTD 2003-2004	2005
Fant Parkway North Extension	Extend Existing Parkway North to Airport Drive.	\$1,700,000	2003-2004	2004
Turn Lane @ Ravendale and North Market	Addition of Turn Lanes	\$290,000	2004	
Street Lighting on State Routes	Install New Roadway Lighting	\$221,000	DOTD 2003-2005	2003
Ironwood Drive	Rehabilitate Existing Streets by Replacing Deterioated Roadways	\$348,007	2003-2005	2004
Asphalt Overlay Program	Rehabilitate various Asphalt Surfaced Streets	\$1,285,710	2003-2008	2005
Phelps Road	New Concrete Roadway Russell Road to Montana	\$1,120,000	2005	
South Lakeshore Drive	New Concrete Roadway Lakeshore Drive to Westchester	\$7,000,000	2006	
Audrey Lane Paving	New Concrete Roadway MLK Drive to Doll Lane	\$3,600,000	2006	
Jones Mabry Road	New Concrete Roadway MLK Drive to Narcissus Street	\$250,000	2007	
Jamison Street	New Concrete Roadway Legardy to Russell Road	\$1,750,000	2007	
Fant Parkway Extension	New Concrete Roadway Mayfair Drive to North Market	\$13,500,000	2008	

Total

\$34,441,217

Street Projects in District B

<u>Project Name</u>	<u>Project Description</u>	<u>Cost Estimate</u>	<u>Priority</u>	<u>Date Completed</u>
Downtown Gateway Improvements	Improve the Entrances into The Downtown Area @ Spring and LAke Street and North Market @ Airport Drive and Common Street @ Fairfield	\$1,500,000	2003	
Downtown Streets Sidewalk Improvements	Rehabilitate various Brick Sidewalks	\$65,000	2003	2005
Concrete Sidewalk Replacement	Rehabilitate Concrete Sidewlks	\$238,500	2003	2005
Concrete Panel Replacement	Rehabilitate various Concrete Surfaced Streets	\$258,000	2003	2003-2005
Caddo Street Phase 1	Widening and Improving Caddo Street in Front of the Convention Center	\$2,000,000	2003-2004	
Landscaping Projects on I-49	Landscaping Enhancements at the Intersection of the Arterials and I-49	\$350,000	2003-2004	
East Vine Street	Improve Existing Street to Concrete surface	\$490,000	2003-2004	2005
Turn Lane @ Pierremont and Fairfield	Add Left Turn Lanes on Pierremont	\$400,000	2003-2004	
Murphy Street Bridge Improvements	Improve the Erosin Problems Occuring at the West Abutment	\$65,000	2004	
Youree Drive Kings Highway Intersection	Adding Turn Lanes and Improving the Alignment @ Shreveport Barksdale Highway	\$1,650,000	DOTD (2004-2005)	
Street Lighting on State Routes	Install New Roadway Lighting	\$221,000	DOTD 2003-2005	
Greenwood Cemetary	Roadway Improvements	\$325,000	2003-2004	2004
Earl Street	Vincent	\$451,237	2004	2004
Centenary Gardens Wall	Rebuild failing retaining wall	\$95,000	2004	2004
Asphalt Overlay Program	Rehabilitate various Asphalt Surfaced Streets	\$1,285,710	2003-2008	
Kings Highway	Widen Existing Roadway Linwood to SPRR	\$400,000	2007	
Kings Highway Corridor	Improve Roadway from Youree Drive to Line Avenue	\$4,500,000	2007	
Linwood Avenue Overpass	Replace Exisiting Bridge	\$15,600,000	2007	
Murphy Street Viaduct Repairs	Rehabilitate Existing Bridge West	\$390,000	2008	

Total

\$30,284,447

Street Projects in District C

<u>Project Name</u>	<u>Project Description</u>	<u>Cost Estimate</u>	<u>Priority</u>	<u>Date Completed</u>
Fern Avenue Extension	New Concrete Street from Southfield to 70th Street	\$1,300,000	2003	2004
Reily Lane Paving	New Concrete Street	\$260,000	2003	2003
East Preston Paving	Rehabilitate existing roadway with new pavement.	\$320,000	2003	2004
Concrete Sidewalk Replacement	Rehabilitate Concrete Sidewlks	\$238,500	2003	2004
Concrete Panel Replacement	Rehabilitate various Concrete Surfaced Streets	\$258,000	2003	2005
Landscaping Projects on I-49	Landscaping Enhancements at the Intersection of the Arterials and I-49	\$350,000	2003-2004	
Easy Street	New Concrete Street from Olive to Herndon	\$680,000	2003-2004	
Youree Drive Kings Highway Intersection	Adding Turn Lanes and Improving the Alignment @ Shreveport Barksdale Highway	\$1,650,000	DOTD (2004-2005)	
Street Lighting on State Routes	Install New Roadway Lighting	\$221,000	DOTD 2003-2005	
Glenn Cove Street	Rehabilitate Existing Streets by Replacing Deterioated Roadways	\$466,742	2003-2005	2005
Bellmeade Street	Rehabilitate Existing Streets by Replacing Deterioated Roadways	\$347,500	2004	2005
Asphalt Overlay Program	Rehabilitate various Asphalt Surfaced Streets	\$1,285,710	2003-2008	
70the Street @ Gilbert	Add Turn Lanes to 70th Street	\$650,000	2005	
70th Street @ Creswell Avenue	Add Turn Lanes to 70th Street	\$800,000	2005	
Line Avenue @ Ockley Street	Add Turn Lanes To Line Avenue	\$820,000	2006	
Kings Highway Corridor	Improve Roadway from Youree Drive to Line Avenue	\$4,500,000	2007	

Total

\$14,147,452

Street Projects in District D

<u>Project Name</u>	<u>Project Description</u>	<u>Cost Estimate</u>	<u>Priority</u>	<u>Date Completed</u>
Flournoy Lucas Bridge Replacement	Replace Existing Bridge with Pipe Culvert.	\$200,000	2003	
Concrete Sidewalk Replacement	Rehabilitate Concrete Sidewlks	\$238,500	2003	2005
Concrete Panel Replacement	Rehabilitate various Concrete Surfaced Streets	\$258,000	2003	2005
Slack Industrial Park Roadway	New Concrete Street Improvements with Realignment of Roadway to Improve Traffic Flow.	\$1,750,000	2003-2004	2005
I-49 Norris Ferry Road Connector	New Roadway to Tie the Southern Loop to Linwood and I-49	\$2,100,000	2003-2004	2003
Ellerbe Road Flournoy Lucas Intersection	Construct a New Intersection to Remove several Curves in the Road Alignment. This Project Will be Coordinated With Improvements Being Planned by LA DOTD to Improve Ellerbe Road and Flournoy Lucas Road.	\$3,500,000	2003-2004	
East 84th Street Paving	Construct new Concrete Roadway from The KCS Railroad tracks to St. Vincent.	\$400,000	2003-2004	2005
Street Lighting on State Routes	Install New Roadway Lighting	\$221,000	DOTD 2003-2005	
Roitan @ 85th Street	Replace deteriorated roadways	\$304,905	2003-2005	2004
Dunbarton Drive	West Wilderness to Dunmoreland	\$340,168	2003-2005	2006
Asphalt Overlay Program	Rehabilitate various Asphalt Surfaced Streets	\$1,285,710	2003-2008	
Linwood Avenue	Construct new Concrete Roadway from Bert Kouns to Flournoy Lucas	\$3,200,000	2005	
Ellerbe Road	Construct new Concrete Roadway from Norris Ferry to Flournoy Lucas	\$5,600,000	2005	
Williamson Way Extension	Construct new Concrete Roadway from Kingston to Linwood	\$2,200,000	2006	
Dowdell Paving	Construct new Concrete Roadway from West 84th Street to West 87th Street	\$680,000	2006	
Turner Lane	Construct new Concrete Roadway from Harris to Bethany	\$600,000	2006	
Ellerbe Road @ Norris Ferry	Intersection Improvements	\$630,000	2006	
Flournoy Lucas	Construct new Concrete Roadway from Linwood to Kingston	\$5,700,000	2007-2008	

Total

\$29,208,283

Street Projects in District E

<u>Project Name</u>	<u>Project Description</u>	<u>Cost Estimate</u>	<u>Priority</u>	<u>Date Completed</u>
Turn Lane @ 70t Street and Jewella Avenue	Add Right Turn Lane for North Bound Traffic To 70th Street	\$140,000	2003	2004
Baird Road Bridge	Replace Existing Bridge due to Poor Rating of Piles	\$400,000	2003	2004
Acacia Lane Bridge	Replace Existing Bridge due to Poor Ratings and Load Restrictions.	\$250,000	2003	2004
Shreve Park Industrial Park Roadways	Construct New Roadways in the Shreve Park Campus for Economic Development	\$1,400,000	2003	2004
Concrete Sidewalk Replacement	Rehabilitate Concrete Sidewlks	\$238,500	2003	
Concrete Panel Replacement	Rehabilitate various Concrete Surfaced Streets	\$258,000	2003	
Colquitt Road Paving	Widening and Improving Colquitt Road from Dean Road to Mansfield Highway.	\$4,000,000	DOTD 2003-2004	2005
Turn Lane @ Mansfield Highway and Southland Park	Add Turn Lanes to Southland Park Road at Mansfield Highway	\$250,000	2004	
South Brookwood Bridge	Replace Existing Bridge due to Poor Ratings and Load Restrictions.	\$250,000	2004-2005	
Street Lighting on State Routes	Install New Roadway Lighting	\$221,000	DOTD 2003-2005	
Wyngate Drive	Rehabilitate Existing Streets by Replacing Deterioated Roadways	\$578,266	2003-2005	
Hoyte Drive	Rehabilitate Existing Streets by Replacing Deterioated Roadways	\$378,500	2003-2005	
Billeau Ridge	Rehabilitate Existing Streets by Replacing Deterioated Roadways	\$98,500	2003-2005	
Asphalt Overlay Program	Rehabilitate various Asphalt Surfaced Streets	\$1,285,710	2003-2008	
Pines Road Paving	Construct new Concrete Roadway from Buncombe Road to Riser Road	\$5,000,000	2005	
Pines Road Paving	Construct new Concrete Roadway from Riser Road to Bert Kouns	\$2,500,000	2006	
Williamson Way Extension	Construct new Concrete Roadway from Kingston to Linwood	\$2,200,000	2006	
Baird Road	Construct new Concrete Roadway from Crabapple to Bert Kouns	\$3,000,000	2006	
Linwood Ave	Construct new Concrete Roadway from Flournoy Lucas to City Limits	\$1,900,000	2007	
Walker Raod Extension	Construct new Concrete Roadway from Colquitt Road to Mansfield Highway	\$2,500,000	2007	

Total

\$26,848,476

Street Projects in District F

<u>Project Name</u>	<u>Project Description</u>	<u>Cost Estimate</u>	<u>Priority</u>	<u>Date Completed</u>
Westport Road Improvements	Widen Existing Roadway to allow for Increased Traffic Demands.	\$490,000	2003	2004
Vallyview Drive Bridge	Rehabilitate Existing Bridge Deck By Removal and Replacement.	\$170,000	2003	2004
Concrete Sidewalk Replacement	Rehabilitate Concrete Sidewlks	\$238,500	2003	
Concrete Panel Replacement	Rehabilitate various Concrete Surfaced Streets	\$258,000	2003	
Courtesy Lane Bridge Replacement	Replace Existing Bridge due to Poor Ratings and Load Restrictions.	\$195,000	2003-2004	
Union Street Paving	Construct New Concrete Roadway and Drainage System	\$2,500,000	2003-2004	2005
East 84th Street Paving	Construct new Concrete Roadway from The KCS railroad tracks to St. Vincent.	\$400,000	2003-2004	2005
Booker T Paving	Construct New Concrete Roadway and Drainage System	\$690,000	2004-2005	
Street Lighting on State Routes	Install New Roadway Lighting	\$221,000	DOTD 2003-2005	
Burlingame Drive	Rehabilitate Existing Streets by Replacing Deterioated Roadways	\$464,815	2003-2005	
McAlpine Drive	Rehabilitate Existing Streets by Replacing Deterioated Roadways	\$365,675	2003-2005	
Pinetree Lane	Rehabilitate Existing Streets by Replacing Deterioated Roadways	\$467,364	2003-2005	
Asphalt Overlay Program	Rehabilitate various Asphalt Surfaced Streets	\$1,285,710	2003-2008	
Crosby Street	Construct new Concrete Roadway from Kennedy to Jewella	\$3,000,000	2005	
Morningside Bridge Replacement	Replace Existing Bridge due to Poor Ratings and Load Restrictions.	\$390,000	2006	
Wallace Avenue	Construct new Concrete Roadway from West 70th To West 62nd.	\$1,700,000	2007	

Total

\$12,836,064

Street Projects in District G

<u>Project Name</u>	<u>Project Description</u>	<u>Cost Estimate</u>	<u>Priority</u>	<u>Date Completed</u>
Greenwood Acres Paving	New Concrete Street Improvements with Subsurface Drainage and Sidewalks	\$470,000	2003	2004
Concrete Sidewalk Replacement	Rehabilitate Concrete Sidewalks	\$238,500	2003	
Concrete Panel Replacement	Rehabilitate various Concrete Surfaced Streets	\$258,000	2003	
Jefferson Paige Road Bridge	Replace Existing Bridge due to Poor Ratings and Load Restrictions.	\$25,000	2003-2004	2005
Harp Street Paving	New Concrete Street Improvements with Subsurface Drainage and Sidewalks	\$990,000	2003-2004	
Missouri Street / Dorien Terrace	New Concrete Street Improvements with Subsurface Drainage and Sidewalks	\$950,000	2003-2004	
Missouri Street	New Concrete Street Improvements with Subsurface Drainage and Sidewalks	\$690,000	2004-2005	
Street Lighting on State Routes	Install New Roadway Lighting	\$221,000	DOTD 2003-2005	
Hardy Street	Rehabilitate Existing Streets by Replacing Deterioated Roadways	\$329,332	2003-2005	
Lyba Street	Rehabilitate Existing Streets by Replacing Deterioated Roadways	\$487,185	2003-2005	
Jewella @ Milam Intersection	Rehabilitate Existing Streets by Replacing Deterioated Roadways	\$220,765	2003-2005	
Asphalt Overlay Program	Rehabilitate various Asphalt Surfaced Streets	\$1,285,710	2003-2008	
Pines Road Paving	Construct new Concrete Roadway from West 70th to Buncombe	\$3,500,000	2005	
Glen Leaf Road	Replace Existing Bridge due to Poor Ratings and Load Restrictions.	\$170,000	2006	
Kings Highway @ Hearne Avenue	Improve Intersection for Traffic Flow	\$650,000	2008	

Total

\$10,485,492

Drainage Projects by City Council District

Summary of Cost Estimates

<u>District</u>	<u>Estimate</u>
City-wide ¹	\$8,250,000
A	\$7,995,000
B	\$1,570,000
C	\$3,960,000
D	\$12,461,000
E	\$10,043,000
F	\$2,515,000
G	\$8,918,000
Total	\$55,712,000

Summary of Cost Estimates for 2003 & 2004 Project Start Priority

<u>District</u>	<u>Estimate</u>	<u>Percent of District Total</u>
City-wide ¹	\$8,250,000	100%
A	\$690,000	9%
B	\$650,000	41%
C	\$920,000	23%
D	\$3,231,000	26%
E	\$1,460,000	15%
F	\$865,000	34%
G	\$1,398,000	16%
Total	\$17,464,000	31%

Number of projects

<u>District</u>	<u>Number of Projects</u>
City-wide ¹	4
A	8
B	2
C	4
D	10
E	16
F	3
G	6
Total	53

Note 1 : Refers to general city wide projects not within a specific district. These projects are listed separately from the individual district project lists.

City-Wide Drainage Projects					
Project Name	Topo Map Index	Project Description	Cost Estimate	Priority	Project Status
Hazard Mitigation	City-wide		\$250,000	2003-2006	Complete 1-31-04
City-wide Drainage Improvements	City-wide		\$3,000,000	2003-2006	Ongoing
Paved Ditch Repairs	City-wide		\$3,000,000	2003-2006	Ongoing
Purchase of Flood Prone Properties	City-wide		\$2,000,000	2003-2006	Ongoing
		Total	\$8,250,000		
Drainage Projects in District A					
Project Name	Topo Map Index	Project Description	Cost Estimate	Priority	Project Status
6400 Jefferson Paige Drainage			\$690,000	2003-2004	Complete 9-14-05
MLK Area Ditch Improvements		Improve roadside ditches & resolve drainage problems in the area	\$1,000,000	2006	Complete 10-16-06
Red Stone Ditch Paving		MLK area from Shreveport-Blanchard Hwy to MLK Drive	\$980,000	2007	Pending Funding
Jones-Mabry Lateral Paving		Improve major earthen ditch in MLK area	\$1,840,000	2008	Pending Funding
MLK Ditch Paving		Linear Street upstream to existing paved section	\$1,610,000	2008	Pending Funding
North Highland Area Drainage		Empire Circle, Deaborn, Deer Park, Timber Lane, Wildwood Ave	\$850,000	2008	Pending Funding
Wintergarden Ditch Paving		Wintergarden to North Market	\$675,000	2008-2012	Pending Funding
Judy Lane Ditch		Re-align Ditch and erosion	\$350,000	2008-2015	Pending Funding
		Total	\$7,995,000		
Drainage Projects in District B					
Project Name	Topo Map Index	Project Description	Cost Estimate	Priority	Project Status
St. Vincent Ditch Repairs			\$650,000	2004-2005	Complete 11-11-05
Eastside Ditch Paving			\$920,000	2005-2006	In Design
		Total	\$1,570,000		

Drainage Projects in District C					
Project Name	Topo Map Index	Project Description	Cost Estimate	Priority	Project Status
Dixie Garden Road Drainage			\$920,000	2004-2005	12/15/2004
Pierremont Park Ditch- Gilbert Lateral		Reduce flooding at 70th & Creswell & Oak Hill Circle	\$1,500,000	2007	Pending Funding
Albert Street Drainage		From Youree east to Anniston	\$680,000	2007	Pending Funding
Archer Street Drainage		3300 Blk. Youree to 100 Blk. Archer	\$860,000	2008-2012	Pending Funding
Total			\$3,960,000		
Drainage Projects in District D					
Project Name	Topo Map Index	Project Description	Cost Estimate	Priority	Project Status
Long Lakes Estates Drainage		Westwind	\$630,000	2004	Complete 4-20-06
200 India Drive Drainage			\$500,000	2004-2005	Complete 8-4-05
Trailridge Ditch Paving		Hidden Hollow to Beaver Creek	\$376,000	2004-2005	Complete April 2005
Bayou Pierre Channel Improvements, Phase II			\$1,725,000	2004-2005	Complete 9-25-06
Brush Bayou Clearing & Dredging		Inner Loop to Flournoy-Lucas Road	\$3,700,000	2006-2007	Complete 8-14-06
Juniper Place-river Oaks Ditch Improvements		Improve existing earthen ditch to accommodate future development in the area	\$650,000	2006-2007	Pending Funding
Box Culvert Ditch along Bert Kouns		From Town South Apartments to Sand Beach Bayou	\$980,000	2007	Pending Funding
Norris Ferry/Harts Island Study Projects		Estimate needs for future projects in the area	\$2,500,000	2007	Pending Funding
100 Block Oakridge Drainage			\$950,000	2008-2011	Pending Funding
Acadian Ditch Paving		Pave earthen Ditch - Strongbriar to Prestanwood	\$450,000	2007-2011	Pending Funding
Total			\$12,461,000		
Drainage Projects in District E					
Project Name	Topo Map Index	Project Description	Cost Estimate	Priority	Project Status
Southern Oaks Pump Station			\$360,000	2003-2004	Complete 4-27-06
Green Terrace Ditch, Phase II			\$1,100,000	2004-2005	Complete 12-15-05
Gilmer Bayou Ditch Repairs at Quail Ridge Bridge			\$168,000	2007	Pending Funding
Brookwood Ditch		Replace Hawthorne Street Crossings	\$420,000	2007-2008	Pending Funding
Green Forest Drive Ditch Paving			\$160,000	2007-2008	Pending Funding
Kingston Road Drainage		North of Williamson Way, South of Willow Drive	\$560,000	2007-2008	Pending Funding
Gilmer Bayou Overflow Bridge West of Dean Road		Reduce flooding in Southern Oaks Area	\$1,380,000	2008	Pending Funding
Summer Grove Ditch Repairs		Baird Road to Williamson Way	\$1,300,000	2008	Pending Funding
Earthen Ditch from Bert Kouns to Cromwell Drive		Approximately 2500 LF	\$650,000	2008	Pending Funding
9200 Block Dawn ridge Drive Drainage		Industrial Loop to Cana	\$580,000	2008	Pending Funding
Baywood Drive Drainage		Dean Road East	\$250,000	2008	Pending Funding
Fernwood - Valleyview Ditch Paving		Airport Ditch to Timberwood Dr.	\$1,150,000	2007-2011	Pending Funding
Green Terrace Ditch Paving		Ardis Taylor to Moon Dr.	\$1,100,000	2007-2011	Pending Funding
7100 Glen-Leaf Drainage		Paving from church Glenleaf Mobil Home	\$865,000	2008-2012	Pending Funding
McAdoo Street, Coronado Birch, Normandine Dr. Drainage		Subsurface System	\$1,100,000.00	2008-2015	Pending Funding
9500 Blk. Oleander Circle Drainage		Subsurface System	350,00.00	2007-2012	Pending Funding

Total			\$10,043,000		

