

**WASTEWATER TREATMENT FACILITIES
IMPROVEMENTS**



WASTEWATER UTILITY TREATMENT FACILITIES IMPROVEMENTS

The Wastewater Treatment System (System) collects, conveys and processes wastewater from an estimated 2.0 million people, generated in a service area which includes the City of Houston, several municipalities and unincorporated communities in the Houston metropolitan area. The system consists of approximately 6,200 miles of sanitary sewer lines, over 425,000 service connections, approximately 400 lift stations, 41 (5 major and 36 satellite) wastewater treatment plants, and three major sludge treatment facilities. The average daily wastewater flow through the system for the FY2005 is estimated at 267 million gallons per day (MGD). As reflected by state permits, the effective treatment capacity of the system is 564 MGD. The permitted capacity of plants is a part of the wastewater system treatment capacity that ranges from 0.20 MGD for the smallest plant to over 200 MGD for the 69th Street Wastewater Plant.

Prior to granting a building permit for construction, the City evaluates the wastewater system's ability to transport and treat the estimated volumes of additional wastewater. Impact fees are collected, at least in part, to recover the cost of facilities previously constructed. These fees can be applied to the construction of new facilities providing additional capacity.

The Wastewater Utility Treatment Facilities Improvements Program provides for the continued upgrading of the wastewater collection and treatment system. Additional funds are provided to comply with the regulations issued by the Texas Commission on Environmental Quality (TCEQ) and the U.S. Environmental Protection Agency (EPA).

The five-year program totals \$878.2 million and is financed through several funding sources with the largest single source being revenue bonds.

Highlights of the FY2006-2010 CIP include:

- Compliance with anticipated TCEQ Citywide Agreed Order.
- Rehabilitation or replacement of various wastewater treatment plants.
- Rehabilitation or replacement of various wastewater lift stations.
- Improvements to the Almeda Sims Wastewater Treatment Plant.
- Continued rehabilitation of neighborhood sewers to improve service, remove excessive infiltration, prevent sanitary sewer overflows, and eliminate sewage backups (\$28.8 million in FY2006).
- Improvements of sanitary sewer system in Houston Hope areas (R-0036).
- Increased participation in sewer line construction cost with Developers to promote inner city development.

| SOURCE OF FUNDS SUMMARY (\$THOUSANDS) | | | | | | | | | |
|--|---|--|---|----------------|----------------|----------------|----------------|------------------|------------------|
| Source of Funds | Appropriations through Dec. 31, 2004 | Estimated Appropriations Jan.1 - June 30 2005 | Fiscal Year Planned Appropriations | | | | | Total | Total |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | 2006-2010 | |
| Tx Water Development Board | | | 80,795 | | | | | 80,795 | 80,795 |
| Water & Sewer Ren. & Rep. Fund | 38,435 | | | | | | | 0 | 38,435 |
| Water & Sewer Cons. Const. Fund | 862,168 | 98,716 | 91,451 | 167,839 | 179,851 | 176,641 | 181,607 | 797,389 | 1,758,273 |
| Water & Sewer Operating Budget | 360 | | | | | | | 0 | 360 |
| Total | 900,963 | 98,716 | 172,246 | 167,839 | 179,851 | 176,641 | 181,607 | 878,184 | 1,877,863 |

2006-2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Program: WasteWater Facilities | | | SUMMARY OF FUNDS (Thousands) | | | | | | |
|--------------------------------|--|------------------|--------------------------------------|------------------------------------|--------|--------|--------|--------|----------------------------------|
| C.I.P. Number | Project | Council District | Appropriations Through June 30, 2005 | Fiscal Year Planned Appropriations | | | | | Project Total |
| | | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| R-0019 | MISCELLANEOUS CONSTRUCTION ACQUISITION, ENGINEERING & LEGAL Water & Sewer Cons. Const. Fund | All | 96,377 | 7,500 | 4,500 | 5,200 | 5,200 | 5,200 | 123,977 |
| | Project Total | | 96,377 | 7,500 | 4,500 | 5,200 | 5,200 | 5,200 | 123,977 |
| R-0036 | HOUSTON HOPE PROJECT Water & Sewer Cons. Const. Fund | B,D,H,I | 0 0 | 1,460 | | | | | 0 1,460 |
| | Project Total | | 0 | 1,460 | 0 | 0 | 0 | 0 | 1,460 |
| R-0265 | WASTEWATER TREATMENT AND SLUDGE PLANT RENEWAL/REPLACEMENT Tx Water Development Board Water & Sewer Cons. Const. Fund Water & Sewer Ren. & Rep. Fund | All | 0 0 103,223 2,230 | 9,200 11,800 | 21,750 | 25,200 | 23,200 | 24,200 | 0 9,200 209,373 2,230 |
| | Project Total | | 105,453 | 21,000 | 21,750 | 25,200 | 23,200 | 24,200 | 220,803 |
| R-0266 | NEIGHBORHOOD SEWER REHABILITATION VAR. SERVICE AREAS Tx Water Development Board Water & Sewer Cons. Const. Fund Water & Sewer Ren. & Rep. Fund | All | 0 0 280,801 24,178 | 25,450 3,350 | 28,800 | 28,800 | 28,800 | 28,800 | 0 25,450 399,351 24,178 |
| | Project Total | | 304,979 | 28,800 | 28,800 | 28,800 | 28,800 | 28,800 | 448,979 |
| R-0267 | PUMP AND LIFT STATION RENEWAL/REPLACEMENT | All | 0 | | | | | | 0 |

2006-2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Program: WasteWater Facilities | | | SUMMARY OF FUNDS (Thousands) | | | | | | |
|--------------------------------|--|------------------|--------------------------------------|------------------------------------|--------|--------|--------|--------|---------------|
| C.I.P. Number | Project | Council District | Appropriations Through June 30, 2005 | Fiscal Year Planned Appropriations | | | | | Project Total |
| | | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| R-0267 | (CONTINUED) PUMP AND LIFT STATION RENEWAL/REPLACEMENT | All | | | | | | | |
| | Tx Water Development Board | | 0 | 4,845 | | | | | 4,845 |
| | Water & Sewer Cons. Const. Fund | | 91,305 | 5,785 | 11,000 | 13,800 | 13,800 | 12,000 | 147,690 |
| | Water & Sewer Ren. & Rep. Fund | | 4,608 | | | | | | 4,608 |
| | Project Total | | 95,913 | 10,630 | 11,000 | 13,800 | 13,800 | 12,000 | 157,143 |
| R-0268 | REHABILITATION/REPLACEMENT OF VARIOUS WASTEWATER FACILITIES | All | | | | | | | |
| | | | 0 | | | | | | 0 |
| | Water & Sewer Cons. Const. Fund | | 14,758 | 5,686 | 3,139 | 1,751 | 1,441 | 1,807 | 28,582 |
| | Water & Sewer Ren. & Rep. Fund | | 4,483 | | | | | | 4,483 |
| | Project Total | | 19,241 | 5,686 | 3,139 | 1,751 | 1,441 | 1,807 | 33,065 |
| R-0294 | SIMS BAYOU TCEQ COMPLIANCE | I | | | | | | | |
| | Tx Water Development Board | | 0 | 11,000 | | | | | 11,000 |
| | Water & Sewer Cons. Const. Fund | | 23,230 | 1,000 | 12,000 | 12,000 | 13,200 | 12,000 | 73,430 |
| | | | 23,230 | 12,000 | 12,000 | 12,000 | 13,200 | 12,000 | 84,430 |
| | Project Total | | 23,230 | 12,000 | 12,000 | 12,000 | 13,200 | 12,000 | 84,430 |
| R-0295 | TCEQ COMPLIANCE - CITYWIDE | ALL | | | | | | | |
| | | | 0 | | | | | | 0 |
| | Tx Water Development Board | | 0 | 12,500 | | | | | 12,500 |
| | Water & Sewer Cons. Const. Fund | | 25,698 | 0 | 12,500 | 12,500 | 14,000 | 14,000 | 78,698 |
| | Project Total | | 25,698 | 12,500 | 12,500 | 12,500 | 14,000 | 14,000 | 91,198 |
| R-0298 | ALMEDA SIMS WASTEWATER TREATMENT & SLUDGE PROCESS FACILITY | D | | | | | | | |
| | | | 0 | | | | | | 0 |

2006-2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Program: WasteWater Facilities | | | SUMMARY OF FUNDS (Thousands) | | | | | | |
|--------------------------------|---|------------------|--------------------------------------|------------------------------------|-------|-------|-------|--------|---------------|
| C.I.P. Number | Project | Council District | Appropriations Through June 30, 2005 | Fiscal Year Planned Appropriations | | | | | Project Total |
| | | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| R-0298 | (CONTINUED) ALMEDA SIMS WASTEWATER TREATMENT & SLUDGE PROCESS FACILITY | D | | | | | | | |
| | Tx Water Development Board | | 0 | 17,800 | | | | | 17,800 |
| | Water & Sewer Cons. Const. Fund | | 32,406 | 2,000 | 9,300 | 7,000 | 7,000 | 6,000 | 63,706 |
| | Water & Sewer Ren. & Rep. Fund | | 2,727 | | | | | | 2,727 |
| | Project Total | | 35,133 | 19,800 | 9,300 | 7,000 | 7,000 | 6,000 | 84,233 |
| R-0302 | WASTEWATER FACILITIES SAFETY IMPROVEMENTS | All | | | | | | | |
| | Water & Sewer Cons. Const. Fund | | 0 | | | | | | 0 |
| | Water & Sewer Operating Budget | | 4,875 | 570 | 550 | 1,000 | 1,000 | 1,000 | 8,995 |
| | Water & Sewer Ren. & Rep. Fund | | 360 | | | | | | 360 |
| | Project Total | | 5,444 | 570 | 550 | 1,000 | 1,000 | 1,000 | 9,564 |
| R-0500 | UTILITY IMPROVEMENT UNDER STREET & BRIDGE AND OTHER CIP PROJECTS | All | | | | | | | |
| | Water & Sewer Cons. Const. Fund | | 8,545 | 5,500 | 5,800 | 6,700 | 6,700 | 7,500 | 40,745 |
| | Project Total | | 8,545 | 5,500 | 5,800 | 6,700 | 6,700 | 7,500 | 40,745 |
| R-0509 | 69TH STREET WASTEWATER TREATMENT PLANT IMPROVEMENTS | I | | | | | | | |
| | Water & Sewer Cons. Const. Fund | | 0 | | | | | | 0 |
| | Water & Sewer Ren. & Rep. Fund | | 60,659 | 5,000 | 4,500 | 8,500 | 2,000 | 10,000 | 90,659 |
| | Project Total | | 0 | | | | | 0 | |
| | Project Total | | 60,659 | 5,000 | 4,500 | 8,500 | 2,000 | 10,000 | 90,659 |
| R-0512 | SUPERVISORY CONT. & DATA ACQUISITION (SCADA) SYS. & PROCESS IMPROV. | All | | | | | | | |
| | Water & Sewer Cons. Const. Fund | | 37,491 | | 4,000 | 500 | 2,000 | 500 | 44,491 |

2006-2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Program: WasteWater Facilities | | | SUMMARY OF FUNDS (Thousands) | | | | | | |
|--------------------------------|--|------------------|--------------------------------------|------------------------------------|-------|-------|-------|-------|---------------|
| C.I.P. Number | Project | Council District | Appropriations Through June 30, 2005 | Fiscal Year Planned Appropriations | | | | | Project Total |
| | | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| R-0512 | (CONTINUED) SUPERVISORY CONT. & DATA ACQUISITION (SCADA) SYS. & PROCESS IMPROV. | All | | | | | | | |
| | Project Total | | 37,491 | 0 | 4,000 | 500 | 2,000 | 500 | 44,491 |
| R-0521 | GOVERNMENT AGENCIES - SEWER LINE REPLACEMENT Water & Sewer Cons. Const. Fund | All | 9,626 | 2,300 | 2,000 | 2,000 | 2,000 | 2,200 | 20,126 |
| | Project Total | | 9,626 | 2,300 | 2,000 | 2,000 | 2,000 | 2,200 | 20,126 |
| R-0534 | CULLEN MAINTENANCE FACILITY Water & Sewer Cons. Const. Fund | D | 1,207 | | 5,200 | | | | 6,407 |
| | Project Total | | 1,207 | 0 | 5,200 | 0 | 0 | 0 | 6,407 |
| R-0535 | NORTHWEST MAINTENANCE FACILITY FOR WASTEWATER OPERATIONS Water & Sewer Cons. Const. Fund | All | 0 | | | 500 | | 3,500 | 4,000 |
| | Project Total | | 0 | 0 | 0 | 500 | 0 | 3,500 | 4,000 |
| R-0536 | PLANT CONSOLIDATION Water & Sewer Cons. Const. Fund | All | 8,213 | 1,500 | 3,000 | 5,000 | 7,000 | 5,000 | 29,713 |
| | Project Total | | 8,213 | 1,500 | 3,000 | 5,000 | 7,000 | 5,000 | 29,713 |
| R-0800 | COLLECTION SYS. - SPONSOR PARTICIPATION CATEGORICAL (RESIDENT.) Water & Sewer Cons. Const. Fund | All | 10,688 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 45,688 |
| | Project Total | | 10,688 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 45,688 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Program: WasteWater Facilities | | | SUMMARY OF FUNDS (Thousands) | | | | | | |
|--------------------------------|--|------------------|--------------------------------------|------------------------------------|--------|--------|--------|--------|---------------|
| C.I.P. Number | Project | Council District | Appropriations Through June 30, 2005 | Fiscal Year Planned Appropriations | | | | | Project Total |
| | | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| R-0801 | PROVIDING SEWER SERVICE TO AREAS INSIDE THE CITY NOT SERVED Water & Sewer Cons. Const. Fund | All | 22,923 | 3,900 | 5,000 | 5,000 | 5,000 | 1,000 | 42,823 |
| | Project Total | | 22,923 | 3,900 | 5,000 | 5,000 | 5,000 | 1,000 | 42,823 |
| R-0802 | COLLECTION SYS. - SPONSOR PARTICIPATION CATEGORICAL (COMMERC.) Water & Sewer Cons. Const. Fund | All | 1,319 | 600 | 600 | 600 | 600 | 600 | 4,319 |
| | Project Total | | 1,319 | 600 | 600 | 600 | 600 | 600 | 4,319 |
| R-0803 | EVALUATE & DEVELOP A PLAN TO REGIONALIZE THE WASTEWATER TREATMENT PLANTS & PROVIDE SANITARY SERVICE TO ETJ AREAS. Water & Sewer Cons. Const. Fund | ALL | 0 | 1,000 | 3,000 | 3,000 | 3,000 | 3,300 | 13,300 |
| | Project Total | | 0 | 1,000 | 3,000 | 3,000 | 3,000 | 3,300 | 13,300 |
| R-1000 | EVALUATION OF WASTEWATER TREATMENT PLANT SERVICE AREA Water & Sewer Cons. Const. Fund | All | 5,600 | 2,000 | 2,000 | 2,500 | 2,000 | 2,500 | 16,600 |
| | Project Total | | 5,600 | 2,000 | 2,000 | 2,500 | 2,000 | 2,500 | 16,600 |
| R-2003 | NORTHSIDE SEWER RELIEF TUNNEL REHABILITATION Water & Sewer Cons. Const. Fund | B,H,I | 3,900 | 500 | 200 | 6,300 | 6,700 | 7,000 | 24,600 |
| | Project Total | | 3,900 | 500 | 200 | 6,300 | 6,700 | 7,000 | 24,600 |
| R-2011 | NEIGHBORHOOD SEWER SYSTEMS IMPROVEMENTS Water & Sewer Cons. Const. Fund | All | 93,654 | 13,000 | 14,000 | 15,000 | 15,000 | 16,500 | 167,154 |

2006-2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Program: WasteWater Facilities | | | SUMMARY OF FUNDS (Thousands) | | | | | | |
|--------------------------------|---|------------------|--------------------------------------|------------------------------------|---------|---------|---------|---------|---------------|
| C.I.P. Number | Project | Council District | Appropriations Through June 30, 2005 | Fiscal Year Planned Appropriations | | | | | Project Total |
| | | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| R-2011 | (CONTINUED) NEIGHBORHOOD SEWER SYSTEMS IMPROVEMENTS | All | | | | | | | |
| | Project Total | | 93,654 | 13,000 | 14,000 | 15,000 | 15,000 | 16,500 | 167,154 |
| R-2013 | LARGE DIAMETER SEWER (LDS) REHABILITATION PROGRAM Water & Sewer Cons. Const. Fund | All | 24,386 | 10,000 | 8,000 | 10,000 | 10,000 | 10,000 | 72,386 |
| | Project Total | | 24,386 | 10,000 | 8,000 | 10,000 | 10,000 | 10,000 | 72,386 |
| | Total Appropriations | | 999,679 | 172,246 | 167,839 | 179,851 | 176,641 | 181,607 | 1,877,863 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| | | | | | | | | |
|--|---|--|---|--------------|----------------------|--------------|--------------|----------------------|
| Project : MISCELLANEOUS CONSTRUCTION ACQUISITION, ENGINEERING & LEGAL | Council District | | C.I.P. Number: R-0019 | | | | | |
| | Location: All | Served: All | Key Map: N/A | | Neighborhood: | | | |
| | Geographic Reference: N/A | | | | | | | |
| Description: Provides for construction, acquisition, engineering and legal services for unforeseen projects such as sewer relocations, extensions and construction in connection with paving and topping projects, sewer construction, pump station construction etc. Justification: (Previously R-0015, R-0018). To fund unforeseen projects for the purpose of minimizing disturbance to the public, reducing project cost, and eliminating conflicting projects. | Operating and Maintenance Costs:(Thousands) | | | | | | | |
| | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | |
| | Personnel | | | | | | | |
| | Supplies | | | | | | | |
| | Svcs. and Chgs | | | | | | | |
| Capital Outlay | | | | | | | | |
| Total | | | | | | | | |
| FTEs | | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | 9,121 | | 3,350 | 1,500 | 1,500 | 1,500 | 1,500 | 18,471 |
| Design | 12,012 | | | | | | | 12,012 |
| Construction | 71,623 | 250 | 4,150 | 3,000 | 3,700 | 3,700 | 3,700 | 90,123 |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| Legal Fees | 2,971 | 400 | | | | | | 3,371 |
| Total Allocations | 95,727 | 650 | 7,500 | 4,500 | 5,200 | 5,200 | 5,200 | 123,977 |
| Source of Funds | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 95,727 | 650 | 7,500 | 4,500 | 5,200 | 5,200 | 5,200 | 123,977 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | 95,727 | 650 | 7,500 | 4,500 | 5,200 | 5,200 | 5,200 | 123,977 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : HOUSTON HOPE PROJECT | Council District | | C.I.P. Number: R-0036 | | | | | |
|--|--|---|--|-------------|--------------------------|-------------|-------|---------------|
| | Location: B,D,H,I | Served: B,D,H,I | Key Map: VAR | | Neighborhood: N/A | | | |
| | Geographic Reference: N/A | | | | | | | |
| Description: This project provides for rehabilitation/replacement of sewer lines in the areas within the Houston Hope Project Justification: This project is required to rehab/replace deteriorated neighborhood sewer collection system. | Operating and Maintenance Costs:(Thousands) | | | | | | | |
| | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | |
| | Personnel | | | | | | | |
| | Supplies | | | | | | | |
| | Svcs. and Chgs | | | | | | | |
| Capital Outlay | | | | | | | | |
| Total | | | | | | | | |
| FTEs | | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | | | | | | | | |
| Design | | | | | | | | |
| Construction | | | 1,460 | | | | 1,460 | |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| | | | | | | | | |
| Total Allocations | | | 1,460 | | | | 1,460 | |
| Source of Funds | | | | | | | | |
| Water & Sewer Cons. Const. Fund | | | 1,460 | | | | 1,460 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | | | 1,460 | | | | 1,460 | |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : WASTEWATER TREATMENT AND SLUDGE PLANT RENEWAL/REPLACEMENT | | Council District | | | C.I.P. Number: R-0265 | | | | | | |
|--|--|---|--|-------------|--|--------------|-------------|---------------|---------------|--|--|
| | | Location: All | | Served: All | | Key Map: N/A | | | Neighborhood: | | |
| | | Geographic Reference: N/A | | | | | | | | | |
| Description: This Project provides for the construction of electrical, mechanical and piping improvements at various wastewater treatment facilities throughout the City. Justification: This project is required to control operations and maintenance costs and ensure regulatory compliance. | | | Operating and Maintenance Costs:(Thousands) | | | | | | | | |
| | | | | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | |
| | | | Personnel | | | | | | | | |
| | | | Supplies | | | | | | | | |
| | | | Svcs. and Chgs | | | | | | | | |
| | | | Capital Outlay | | | | | | | | |
| Total | | | | | | | | | | | |
| FTEs | | | | | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total | | | |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | | | | |
| Acquisition | | | | | | | | | | | |
| Design | 33,461 | 3,384 | 2,000 | 2,000 | 2,000 | 2,200 | 2,200 | 47,245 | | | |
| Construction | 61,064 | 7,544 | 19,000 | 19,750 | 23,200 | 21,000 | 22,000 | 173,558 | | | |
| Equipment | | | | | | | | | | | |
| Civic Art | | | | | | | | | | | |
| | | | | | | | | | | | |
| Total Allocations | 94,525 | 10,928 | 21,000 | 21,750 | 25,200 | 23,200 | 24,200 | 220,803 | | | |
| Source of Funds | | | | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 92,295 | 10,928 | 11,800 | 21,750 | 25,200 | 23,200 | 24,200 | 209,373 | | | |
| Water & Sewer Ren. & Rep. Fund | 2,230 | | | | | | | 2,230 | | | |
| Tx Water Development Board | | | 9,200 | | | | | 9,200 | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Total Funds | 94,525 | 10,928 | 21,000 | 21,750 | 25,200 | 23,200 | 24,200 | 220,803 | | | |

2006 – 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|---|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|-------------|-------------|-------------|--|-----------|--|--|--|--|--|--|----------|--|--|--|--|--|--|----------------|--|--|--|--|--|--|----------------|--|--|--|--|--|--|--------------|--|--|--|--|--|
| Project : NEIGHBORHOOD SEWER REHABILITATION VAR. SERVICE AREAS | Council District | | C.I.P. Number: R-0266 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Location: All | Served: All | Key Map: N/A | | Neighborhood: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Geographic Reference: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: Project provides for the systematic renewal/replacement of the existing sewer system as required citywide. | Operating and Maintenance Costs:(Thousands) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;"><u>2006</u></td> <td style="text-align: center;"><u>2007</u></td> <td style="text-align: center;"><u>2008</u></td> <td style="text-align: center;"><u>2009</u></td> <td style="text-align: center;"><u>2010</u></td> <td></td> </tr> <tr> <td>Personnel</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Supplies</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Svcs. and Chgs</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Capital Outlay</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | Personnel | | | | | | | Supplies | | | | | | | Svcs. and Chgs | | | | | | | Capital Outlay | | | | | | | Total | | | | | |
| | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Personnel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Supplies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Svcs. and Chgs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capital Outlay | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Justification: This project is required to renew/replace various deteriorated neighborhood collection systems on an emergency basis throughout the City (includes Neighborhoods to Standard areas). | FTEs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acquisition | 65 | | | | | | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design | 1,361 | | | | | | 1,361 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 288,354 | 14,764 | 28,800 | 28,800 | 28,800 | 28,800 | 28,800 | 447,118 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Equipment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Civic Art | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other | 435 | | | | | | | 435 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Allocations | 290,215 | 14,764 | 28,800 | 28,800 | 28,800 | 28,800 | 28,800 | 448,979 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Source of Funds | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 266,037 | 14,764 | 3,350 | 28,800 | 28,800 | 28,800 | 28,800 | 399,351 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water & Sewer Ren. & Rep. Fund | 24,178 | | | | | | | 24,178 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tx Water Development Board | | | 25,450 | | | | | 25,450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Funds | 290,215 | 14,764 | 28,800 | 28,800 | 28,800 | 28,800 | 28,800 | 448,979 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : PUMP AND LIFT STATION RENEWAL/REPLACEMENT | Council District | | C.I.P. Number: R-0267 | | | | | |
|---|--|---|--|-------------|----------------------|-------------|-------------|---------------|
| | Location: All | Served: All | Key Map: N/A | | Neighborhood: | | | |
| | Geographic Reference: N/A | | | | | | | |
| Description: This Project is for the rehabilitation or replacement of wastewater lift stations throughout the city to provide reliable operations. The City operates and maintains approximately 380 Lift Stations. | | | Operating and Maintenance Costs:(Thousands) | | | | | |
| Justification: Continued funding of this program is essential to control operations, maintenance costs and ensure regulatory compliance. (includes Neighborhoods to Standard areas) | | | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> |
| | | | Personnel | | | | | |
| | | | Supplies | | | | | |
| | | | Svcs. and Chgs | | | | | |
| | | | Capital Outlay | | | | | |
| | | | Total | | | | | |
| | | | FTEs | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | 313 | | | | | | | 313 |
| Design | 18,696 | 2,858 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 26,554 |
| Construction | 69,004 | 4,285 | 9,630 | 10,000 | 12,800 | 12,800 | 11,000 | 129,519 |
| Equipment | 757 | | | | | | | 757 |
| Civic Art | | | | | | | | |
| | | | | | | | | |
| Total Allocations | 88,770 | 7,143 | 10,630 | 11,000 | 13,800 | 13,800 | 12,000 | 157,143 |
| Source of Funds | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 84,162 | 7,143 | 5,785 | 11,000 | 13,800 | 13,800 | 12,000 | 147,690 |
| Water & Sewer Ren. & Rep. Fund | 4,608 | | | | | | | 4,608 |
| Tx Water Development Board | | | 4,845 | | | | | 4,845 |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | 88,770 | 7,143 | 10,630 | 11,000 | 13,800 | 13,800 | 12,000 | 157,143 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : REHABILITATION/REPLACEMENT OF VARIOUS WASTEWATER FACILITIES | Council District | | C.I.P. Number: R-0268 | | | | | |
|---|--|---|--|-------------|----------------------|-------------|-------------|---------------|
| | Location: All | Served: All | Key Map: N/A | | Neighborhood: | | | |
| | Geographic Reference: N/A | | | | | | | |
| Description: Project is primarily for the refurbishment of buildings and general site improvements for all WW operations and utility maintenance facilities. An A/E selection should be made bi-annually to design high priority construction project for next year. Justification: This project is for the health and welfare of the employees and to properly maintain fixed assets. | | | Operating and Maintenance Costs:(Thousands) | | | | | |
| | | | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> |
| | | | Personnel | | | | | |
| | | | Supplies | | | | | |
| | | | Svcs. and Chgs | | | | | |
| | | | Capital Outlay | | | | | |
| | | | Total | | | | | |
| | | | FTEs | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | | | | | | | | |
| Design | 2,587 | 989 | 618 | | 251 | | 600 | 5,045 |
| Construction | 11,130 | 4,535 | 5,068 | 3,139 | 1,500 | 1,441 | 1,207 | 28,020 |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| | | | | | | | | |
| Total Allocations | 13,717 | 5,524 | 5,686 | 3,139 | 1,751 | 1,441 | 1,807 | 33,065 |
| Source of Funds | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 9,234 | 5,524 | 5,686 | 3,139 | 1,751 | 1,441 | 1,807 | 28,582 |
| Water & Sewer Ren. & Rep. Fund | 4,483 | | | | | | | 4,483 |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | 13,717 | 5,524 | 5,686 | 3,139 | 1,751 | 1,441 | 1,807 | 33,065 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : SIMS BAYOU TCEQ COMPLIANCE | | Council District | | | C.I.P. Number: R-0294 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|--|---|--|----------------------|--------|----------------------|--|-------------|-------------|-------------|-------------|-------------|-----------|--|--|--|--|--|----------|--|--|--|--|--|----------------|--|--|--|--|--|----------------|--|--|--|--|--|--------------|--|
| | | Location: | | Served: ALL | | Key Map: 535L | | Neighborhood: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Geographic Reference: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: Provide the necessary improvements with in the Sims Bayou service area to meet TCEQ regulatory requirements. | | | | Operating and Maintenance Costs:(Thousands) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <tr> <td></td> <td style="text-align: center;"><u>2006</u></td> <td style="text-align: center;"><u>2007</u></td> <td style="text-align: center;"><u>2008</u></td> <td style="text-align: center;"><u>2009</u></td> <td style="text-align: center;"><u>2010</u></td> </tr> <tr> <td>Personnel</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Supplies</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Svcs. and Chgs</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Capital Outlay</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | Personnel | | | | | | Supplies | | | | | | Svcs. and Chgs | | | | | | Capital Outlay | | | | | | Total | |
| | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Personnel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Supplies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Svcs. and Chgs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capital Outlay | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Justification: To meet TCEQ regulatory requirements. | | | | FTEs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acquisition | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design | | | 1,000 | 1,000 | | 1,200 | | 3,200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 23,230 | | 11,000 | 11,000 | 12,000 | 12,000 | 12,000 | 81,230 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Equipment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Civic Art | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Allocations | 23,230 | | 12,000 | 12,000 | 12,000 | 13,200 | 12,000 | 84,430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Source of Funds | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 23,230 | | 1,000 | 12,000 | 12,000 | 13,200 | 12,000 | 73,430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tx Water Development Board | | | 11,000 | | | | | 11,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Funds | 23,230 | | 12,000 | 12,000 | 12,000 | 13,200 | 12,000 | 84,430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
|---------------------------------|--|---|--|--------|--------|--------|--------|---------------|
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| | | | Acquisition | | | | | |
| Design | | | | | | | | |
| Construction | 25,698 | | 12,500 | 12,500 | 12,500 | 14,000 | 14,000 | 91,198 |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| Total Allocations | 25,698 | | 12,500 | 12,500 | 12,500 | 14,000 | 14,000 | 91,198 |
| Source of Funds | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 25,698 | | 0 | 12,500 | 12,500 | 14,000 | 14,000 | 78,698 |
| Tx Water Development Board | | | 12,500 | | | | | 12,500 |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | 25,698 | | 12,500 | 12,500 | 12,500 | 14,000 | 14,000 | 91,198 |

| | | | | |
|--|----------------------------------|--------------------|---------------------------------|--------------------------|
| Project : TCEQ COMPLIANCE - CITYWIDE | Council District | | C.I.P. Number: R-0295 | |
| | Location: ALL | Served: ALL | | |
| | Geographic Reference: N/A | | Key Map: N/A | Neighborhood: N/A |

| | | | | | | |
|---|--|-------------|-------------|-------------|-------------|-------------|
| Description: Provide the necessary improvements within various service areas to meet TCEQ regulatory requirements for sanitary sewer overflow prevention. Justification: To meet TCEQ regulatory requirements. | Operating and Maintenance Costs:(Thousands) | | | | | |
| | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> |
| | Personnel | | | | | |
| | Supplies | | | | | |
| | Svcs. and Chgs | | | | | |
| | Capital Outlay | | | | | |
| | Total | | | | | |
| FTEs | | | | | | |

2006 – 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : ALMEDA SIMS WASTEWATER TREATMENT & SLUDGE PROCESS FACILITY | | Council District | | | C.I.P. Number: R-0298 | | | | | | | |
|---|--|---|--|--|---------------------------------|---------------|-------------|---------------|---------------|-------------|--|--|
| | | Location:D | | Served: C,D,I | | Key Map: 572Q | | | Neighborhood: | | | |
| | | Geographic Reference: 5351-0113 | | | | | | | | | | |
| Description: This projects will provide for construction of a new Biosolid Handling Facility. This facility was recommended in the comprehensive Biosolids Management Update. Justification: The existing facility has exceeded its design life and is not cost effective to continue to operate and maintain. | | | | Operating and Maintenance Costs:(Thousands) | | | | | | | | |
| | | | | | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | |
| | | | | Personnel | | | | | | | | |
| | | | | Supplies | | | | | | | | |
| | | | | Svcs. and Chgs | | | | | | | | |
| Capital Outlay | | | | | | | | | | | | |
| Total | | | | | | | | | | | | |
| FTEs | | | | | | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total | | | | |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | | | | | |
| Acquisition | | | | | | | | | | | | |
| Design | 5,708 | | 2,000 | 2,000 | 1,000 | 1,000 | | 11,708 | | | | |
| Construction | 13,425 | 16,000 | 17,800 | 7,300 | 6,000 | 6,000 | 6,000 | 72,525 | | | | |
| Equipment | | | | | | | | | | | | |
| Civic Art | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Total Allocations | 19,133 | 16,000 | 19,800 | 9,300 | 7,000 | 7,000 | 6,000 | 84,233 | | | | |
| Source of Funds | | | | | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 16,406 | 16,000 | 2,000 | 9,300 | 7,000 | 7,000 | 6,000 | 63,706 | | | | |
| Water & Sewer Ren. & Rep. Fund | 2,727 | | | | | | | 2,727 | | | | |
| Tx Water Development Board | | | 17,800 | | | | | 17,800 | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Total Funds | 19,133 | 16,000 | 19,800 | 9,300 | 7,000 | 7,000 | 6,000 | 84,233 | | | | |

2006 – 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| | | | | | | | | |
|---|---|--|---|-------------|----------------------|-------------|-------------|----------------------|
| Project : WASTEWATER FACILITIES SAFETY IMPROVEMENTS | Council District | | C.I.P. Number: R-0302 | | | | | |
| | Location: All | Served: All | Key Map: N/A | | Neighborhood: | | | |
| | Geographic Reference: N/A | | | | | | | |
| Description: Project provides for the design and construction of safety items for public health and welfare; such as guardrail, fencing, lights, ladders, stairways at existing facilities, and demolition of abandoned facilities. Engineer should be selected annually. Justification: This project is required for the health and safety of the employees and to protect the public from unauthorized access to hazardous facilities. | | | Operating and Maintenance Costs:(Thousands) | | | | | |
| | | | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> |
| | | | Personnel | | | | | |
| | | | Supplies | | | | | |
| | | | Svcs. and Chgs | | | | | |
| | | | Capital Outlay | | | | | |
| | | | Total | | | | | |
| | | | FTEs | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | | | | | | | | |
| Design | 950 | | 70 | 50 | 100 | 100 | 100 | 1,370 |
| Construction | 4,115 | 379 | 500 | 500 | 900 | 900 | 900 | 8,194 |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| | | | | | | | | |
| Total Allocations | 5,065 | 379 | 570 | 550 | 1,000 | 1,000 | 1,000 | 9,564 |
| Source of Funds | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 4,496 | 379 | 570 | 550 | 1,000 | 1,000 | 1,000 | 8,995 |
| Water & Sewer Ren. & Rep. Fund | 209 | | | | | | | 209 |
| Water & Sewer Operating Budget | 360 | | | | | | | 360 |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | 5,065 | 379 | 570 | 550 | 1,000 | 1,000 | 1,000 | 9,564 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| | | | | | | | | |
|--|---|--|---|--------------|----------------------|--------------|--------------|----------------------|
| Project : UTILITY IMPROVEMENT UNDER STREET & BRIDGE AND OTHER CIP PROJECTS | Council District | | C.I.P. Number: R-0500 | | | | | |
| | Location: All | Served: All | Key Map: N/A | | Neighborhood: | | | |
| | Geographic Reference: N/A | | | | | | | |
| Description: To provide Utility Improvement under Street & Bridge and other CIP projects. Justification: To coordinate utility improvements with Street & Bridge and other CIP projects for cost effectiveness and to minimize disturbance to the citizens. | Operating and Maintenance Costs:(Thousands) | | | | | | | |
| | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | |
| | Personnel | | | | | | | |
| | Supplies | | | | | | | |
| | Svcs. and Chgs | | | | | | | |
| | Capital Outlay | | | | | | | |
| Total | | | | | | | | |
| FTEs | | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | | | | | | | | |
| Design | 505 | | | | | | 505 | |
| Construction | 3,899 | 4,141 | 5,500 | 5,800 | 6,700 | 6,700 | 7,500 | 40,240 |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| | | | | | | | | |
| Total Allocations | 4,404 | 4,141 | 5,500 | 5,800 | 6,700 | 6,700 | 7,500 | 40,745 |
| Source of Funds | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 4,404 | 4,141 | 5,500 | 5,800 | 6,700 | 6,700 | 7,500 | 40,745 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | 4,404 | 4,141 | 5,500 | 5,800 | 6,700 | 6,700 | 7,500 | 40,745 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| | | | | |
|---|--|--------------------|---|--|
| Project : 69TH STREET WASTEWATER TREATMENT PLANT IMPROVEMENTS | Council District | | C.I.P. Number: R-0509 | |
| | Location: | Served: All | Key Map: 494R Neighborhood: | |
| | Geographic Reference: 5557-1206 | | | |

Description:
 This project provides for electrical, mechanical and piping improvements or replacement of various components of the Wastewater Treatment Plant and Sludge Plant.

Justification:
 These improvements are to control operation and maintenance costs and ensure regulatory compliance.

| Operating and Maintenance Costs:(Thousands) | | | | | |
|--|-------------|-------------|-------------|-------------|-------------|
| | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> |
| Personnel | | | | | |
| Supplies | | | | | |
| Svcs. and Chgs | | | | | |
| Capital Outlay | | | | | |
| Total | | | | | |
| FTEs | | | | | |

| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
|---------------------------|---|--|---|-------------|-------------|-------------|-------------|----------------------|
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | | | | | | | | |
| Design | 9,734 | | | 1,500 | | 2,000 | | 13,234 |
| Construction | 48,725 | 2,200 | 5,000 | 3,000 | 8,500 | | 10,000 | 77,425 |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| Total Allocations | 58,459 | 2,200 | 5,000 | 4,500 | 8,500 | 2,000 | 10,000 | 90,659 |

| Source of Funds | | | | | | | | |
|---------------------------------|--------|-------|-------|-------|-------|-------|--------|--------|
| Water & Sewer Cons. Const. Fund | 58,459 | 2,200 | 5,000 | 4,500 | 8,500 | 2,000 | 10,000 | 90,659 |
| Water & Sewer Ren. & Rep. Fund | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | 58,459 | 2,200 | 5,000 | 4,500 | 8,500 | 2,000 | 10,000 | 90,659 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : SUPERVISORY CONT. & DATA ACQUISITION (SCADA) SYS. & PROCESS IMPROV. | | Council District | | C.I.P. Number: R-0512 | | | | | |
|---|--|---|--|---------------------------------|-------------|-------------|----------------------|---------------|--|
| | | Location: All | Served: All | Key Map: N/A | | | Neighborhood: | | |
| | | Geographic Reference: N/A | | | | | | | |
| Description: This project provides funds for continued expansion and upgrade of the Wastewater Supervisory Control and Data Acquisition (SCADA) system and process improvements for Optimum Productive Service. | | Operating and Maintenance Costs:(Thousands) | | | | | | | |
| | | | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | |
| | | Personnel | | | | | | | |
| | | Supplies | | | | | | | |
| | | Svcs. and Chgs | | | | | | | |
| | | Capital Outlay | | | | | | | |
| Justification: This project is required to control operation and maintenance costs and ensure regulatory compliance. | | | | Total | | | | | |
| | | FTEs | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total | |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | | |
| Acquisition | | | | | | | | | |
| Design | 6,812 | | | | 500 | | 500 | 7,812 | |
| Construction | 30,129 | 550 | | 4,000 | | 2,000 | | 36,679 | |
| Equipment | | | | | | | | | |
| Civic Art | | | | | | | | | |
| | | | | | | | | | |
| Total Allocations | 36,941 | 550 | | 4,000 | 500 | 2,000 | 500 | 44,491 | |
| Source of Funds | | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 36,941 | 550 | | 4,000 | 500 | 2,000 | 500 | 44,491 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Total Funds | 36,941 | 550 | | 4,000 | 500 | 2,000 | 500 | 44,491 | |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : GOVERNMENT AGENCIES - SEWER LINE REPLACEMENT | Council District | | C.I.P. Number: R-0521 | | | | | |
|--|---|--|---|--------------|----------------------|--------------|--------------|----------------------|
| | Location: All | Served: All | Key Map: N/A | | Neighborhood: | | | |
| | Geographic Reference: N/A | | | | | | | |
| Description: Provides for the design and construction of sewer line replacements in coordination with projects by other government agencies. | Justification: To coordinate conflicting projects by different agencies, minimize disturbance to the public, and reduce project cost. | | Operating and Maintenance Costs:(Thousands) | | | | | |
| | | | Personnel | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> |
| | | | Supplies | | | | | |
| | | | Svcs. and Chgs | | | | | |
| | | | Capital Outlay | | | | | |
| | | | Total | | | | | |
| | | | FTEs | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | 1,160 | | | | | | | 1,160 |
| Design | 811 | | | 500 | 500 | 500 | 550 | 2,861 |
| Construction | 5,896 | 1,759 | 2,300 | 1,500 | 1,500 | 1,500 | 1,650 | 16,105 |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| | | | | | | | | |
| Total Allocations | 7,867 | 1,759 | 2,300 | 2,000 | 2,000 | 2,000 | 2,200 | 20,126 |
| Source of Funds | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 7,867 | 1,759 | 2,300 | 2,000 | 2,000 | 2,000 | 2,200 | 20,126 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | 7,867 | 1,759 | 2,300 | 2,000 | 2,000 | 2,000 | 2,200 | 20,126 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| | | | | |
|--|---------------------------------|-------------|--------------------------|---------------|
| Project : CULLEN MAINTENANCE FACILITY | Council District | | C.I.P. Number: R-0534 | |
| | Location:D | Served: All | | |
| | Geographic Reference: 5454-0603 | | Key Map: 533V | Neighborhood: |

Description:
Rehabilitate existing facilities at the Cullen Maintenance Facility which are in poor condition and provide a safe work environment for the employees who work out of the facility.

Justification:
This project is required for the health and welfare of the employees and to properly maintain fixed assets.

| | Operating and Maintenance Costs:(Thousands) | | | | |
|----------------|---|------|------|------|------|
| | 2006 | 2007 | 2008 | 2009 | 2010 |
| Personnel | | | | | |
| Supplies | | | | | |
| Svcs. and Chgs | | | | | |
| Capital Outlay | | | | | |
| Total | | | | | |
| FTEs | | | | | |

| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
|--------------------------|--|---|--|-------|------|------|------|---------------|
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | | | | | | | | |
| Design | 500 | 707 | | | | | | 1,207 |
| Construction | | | | 5,200 | | | | 5,200 |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| Total Allocations | 500 | 707 | | 5,200 | | | | 6,407 |

| Source of Funds | | | | | | | | |
|---------------------------------|-----|-----|--|-------|--|--|--|-------|
| Water & Sewer Cons. Const. Fund | 500 | 707 | | 5,200 | | | | 6,407 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | 500 | 707 | | 5,200 | | | | 6,407 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : NORTHWEST MAINTENANCE FACILITY FOR WASTEWATER OPERATIONS | Council District | | C.I.P. Number: R-0535 | | | | | |
|--|---|---|--|-------------|--------------------------|-------------|-------|------------------|
| | Location: All | Served: All | Key Map: N/A | | Neighborhood: N/A | | | |
| | Geographic Reference: N/A | | | | | | | |
| Description: Design of a maintenance facility in northwest region of the City for Wastewater Operations. Location is to be selected. Justification: Reduce O & M costs for the facilities in northwest part of the City. | Operating and Maintenance Costs:(Thousands) | | | | | | | |
| | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | |
| | Personnel | | | | | | | |
| | Supplies | | | | | | | |
| | Svcs. and Chgs | | | | | | | |
| Capital Outlay | | | | | | | | |
| Total | | | | | | | | |
| FTEs | | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | | | | | | | | |
| Design | | | | | 500 | | 500 | |
| Construction | | | | | | 3,500 | 3,500 | |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| | | | | | | | | |
| Total Allocations | | | | | 500 | 3,500 | 4,000 | |
| Source of Funds | | | | | | | | |
| Water & Sewer Cons. Const. Fund | | | | | 500 | 3,500 | 4,000 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | | | | | 500 | 3,500 | 4,000 | |

2006 – 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : PLANT CONSOLIDATION | | Council District | | | C.I.P. Number: R-0536 | | | | | | | |
|--|--|---|--|--|---------------------------------|--------------|-------------|---------------|---------------|-------------|--|--|
| | | Location: All | | Served: All | | Key Map: N/A | | | Neighborhood: | | | |
| | | Geographic Reference: N/A | | | | | | | | | | |
| Description: This project provides for implementation of a plan for the phased consolidation of facilities in the north central area. Justification: This project is required to control operations and maintenance costs and ensure regulatory compliance. | | | | Operating and Maintenance Costs:(Thousands) | | | | | | | | |
| | | | | | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | |
| | | | | Personnel | | | | | | | | |
| | | | | Supplies | | | | | | | | |
| | | | | Svcs. and Chgs | | | | | | | | |
| Capital Outlay | | | | | | | | | | | | |
| Total | | | | | | | | | | | | |
| FTEs | | | | | | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total | | | | |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | | | | | |
| Acquisition | 31 | | | | | | | 31 | | | | |
| Design | 3,988 | | 1,500 | | | 2,000 | | 7,488 | | | | |
| Construction | 4,194 | | | 3,000 | 5,000 | 5,000 | 5,000 | 22,194 | | | | |
| Equipment | | | | | | | | | | | | |
| Civic Art | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Total Allocations | 8,213 | | 1,500 | 3,000 | 5,000 | 7,000 | 5,000 | 29,713 | | | | |
| Source of Funds | | | | | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 8,213 | 0 | 1,500 | 3,000 | 5,000 | 7,000 | 5,000 | 29,713 | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Total Funds | 8,213 | | 1,500 | 3,000 | 5,000 | 7,000 | 5,000 | 29,713 | | | | |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| | | | | |
|--|----------------------------------|--------------------|--|----------------------|
| Project : COLLECTION SYS. - SPONSOR PARTICIPATION CATEGORICAL (RESIDENT.) | Council District | | C.I.P. Number: R-0800 | |
| | Location: All | Served: All | | |
| | Geographic Reference: N/A | | Key Map: N/A | Neighborhood: |

| | | | | | | |
|--|--|-------------|-------------|-------------|-------------|-------------|
| Description: This project provides for the City's share of the cost of participation in joint property for wastewater collection system improvements sponsored by property owners and developers. Justification: This allows additional collection system capacity to be constructed using sponsors' funds to match City funding. | Operating and Maintenance Costs:(Thousands) | | | | | |
| | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> |
| | Personnel | | | | | |
| | Supplies | | | | | |
| | Svcs. and Chgs | | | | | |
| | Capital Outlay | | | | | |
| Total | | | | | | |
| FTEs | | | | | | |

| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
|--------------------------|--|---|--|--------------|--------------|--------------|--------------|---------------|
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | | | | | | | | |
| Design | 109 | | | | | | | 109 |
| Construction | 8,152 | 2,427 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 45,579 |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| Total Allocations | 8,261 | 2,427 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 45,688 |

| Source of Funds | | | | | | | | |
|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Water & Sewer Cons. Const. Fund | 8,261 | 2,427 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 45,688 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | 8,261 | 2,427 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 45,688 |

2006 – 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| | | | | | | | | |
|--|---|--|---|-------------|----------------------|-------------|-------------|----------------------|
| Project : PROVIDING SEWER SERVICE TO AREAS INSIDE THE CITY NOT SERVED | Council District | | C.I.P. Number: R-0801 | | | | | |
| | Location: All | Served: All | Key Map: N/A | | Neighborhood: | | | |
| | Geographic Reference: N/A | | | | | | | |
| Description: Provide sanitary sewer service to subdivisions around Lake Houston, to protect the water quality of the City of Houston Surface Water, and other areas currently not served by the City, including those served by private investor owned public utilities. Justification: This project is required to control operation and maintenance costs, to protect the water quality of the City of Houston Surface Water Supply. Also, to provide sewer service to areas inside the city limits currently not served by the City. | Operating and Maintenance Costs:(Thousands) | | | | | | | |
| | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | |
| | Personnel | | | | | | | |
| | Supplies | | | | | | | |
| | Svcs. and Chgs | | | | | | | |
| Capital Outlay | | | | | | | | |
| Total | | | | | | | | |
| FTEs | | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | 1,702 | | | | | | 1,702 | |
| Design | 2,928 | | 1,000 | | 1,000 | | 1,000 | 5,928 |
| Construction | 10,327 | 7,966 | 2,900 | 5,000 | 4,000 | 5,000 | | 35,193 |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| | | | | | | | | |
| Total Allocations | 14,957 | 7,966 | 3,900 | 5,000 | 5,000 | 5,000 | 1,000 | 42,823 |
| Source of Funds | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 14,957 | 7,966 | 3,900 | 5,000 | 5,000 | 5,000 | 1,000 | 42,823 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | 14,957 | 7,966 | 3,900 | 5,000 | 5,000 | 5,000 | 1,000 | 42,823 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| | | | | | | | | | |
|--|---|--|---|-------------|----------------------|-------------|-------------|----------------------|-------|
| Project : COLLECTION SYS. - SPONSOR PARTICIPATION CATEGORICAL (COMMERC.) | Council District | | C.I.P. Number: R-0802 | | | | | | |
| | Location: All | Served: All | Key Map: N/A | | Neighborhood: | | | | |
| | Geographic Reference: N/A | | | | | | | | |
| Description: This project provides for the City's share of the cost of participation in joint property for wastewater collection system improvements sponsored by property owners and developers. Justification: This allows additional collection system capacity to be constructed using sponsors' funds to match City funding. | Operating and Maintenance Costs:(Thousands) | | | | | | | | |
| | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | | |
| | Personnel | | | | | | | | |
| | Supplies | | | | | | | | |
| | Svcs. and Chgs | | | | | | | | |
| | Capital Outlay | | | | | | | | |
| Total | | | | | | | | | |
| | FTEs | | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total | |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | | |
| Acquisition | | | | | | | | | |
| Design | | | | | | | | | |
| Construction | 1,319 | | 600 | 600 | 600 | 600 | 600 | 4,319 | |
| Equipment | | | | | | | | | |
| Civic Art | | | | | | | | | |
| | | | | | | | | | |
| Total Allocations | 1,319 | | 600 | 600 | 600 | 600 | 600 | 4,319 | |
| Source of Funds | | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 1,319 | | 600 | 600 | 600 | 600 | 600 | 600 | 4,319 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Total Funds | 1,319 | | 600 | 600 | 600 | 600 | 600 | 600 | 4,319 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| | | | | | | | |
|---|------------------------------|--|---------------------------------|----------------------|-------------|-------------|-------------|
| Project : EVALUATE & DEVELOP A PLAN TO REGIONALIZE THE WASTEWATER TREATMENT PLANTS & PROVIDE SANITARY SERVICE TO ETJ AREAS. | Council District | | C.I.P. Number: R-0803 | | | | |
| | Location: | Served: | | | | | |
| | Geographic Reference: | | Key Map: | Neighborhood: | | | |
| Description: To become a regional service provider to areas that are within the City's ETJ in the Lake Houston area. | | Operating and Maintenance Costs:(Thousands) | | | | | |
| Justification: To eliminate and minimize substandard septic tanks and small treatment plants, and therefore protect our water supply sources. | | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> |
| | | Personnel | | | | | |
| | | Supplies | | | | | |
| | | Svcs. and Chgs | | | | | |
| | | Capital Outlay | | | | | |
| | | Total | | | | | |
| | | FTEs | | | | | |

| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
|---------------------------------|--|---|--|-------|-------|-------|-------|---------------|
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | | | | | | | | |
| Design | | | | | | | | |
| Construction | | | 1,000 | 3,000 | 3,000 | 3,000 | 3,300 | 13,300 |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| | | | | | | | | |
| Total Allocations | | | 1,000 | 3,000 | 3,000 | 3,000 | 3,300 | 13,300 |
| Source of Funds | | | | | | | | |
| Water & Sewer Cons. Const. Fund | | | 1,000 | 3,000 | 3,000 | 3,000 | 3,300 | 13,300 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | | | 1,000 | 3,000 | 3,000 | 3,000 | 3,300 | 13,300 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : EVALUATION OF WASTEWATER TREATMENT PLANT SERVICE AREA | Council District | | C.I.P. Number: R-1000 | | | | | | | |
|---|--|---|--|-------|----------------------|-------------|-------------|---------------|-------------|-------------|
| | Location: All | Served: All | Key Map: N/A | | Neighborhood: | | | | | |
| | Geographic Reference: N/A | | | | | | | | | |
| Description: Perform a Wastewater Treatment Plant Service Area Master Plan. | Operating and Maintenance Costs:(Thousands) | | | | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> |
| | Justification: This project is needed to program treatment plant and collection system expansion to accommodate projected growth and flow requirements. The immediate need is in the Almeda Sims, Kingwood, Chocolate Bayou, Southwest, and Southeast Service Areas. | | | | | Personnel | | | | |
| | | | | | Supplies | | | | | |
| | | | | | Svcs. and Chgs | | | | | |
| | | | | | Capital Outlay | | | | | |
| | | | | | Total | | | | | |
| | | | | | FTEs | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total | | |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | | | |
| Acquisition | | | | | | | | | | |
| Design | 1,500 | 1,100 | 1,500 | 500 | 1,000 | 500 | 1,000 | 7,100 | | |
| Construction | | 3,000 | 500 | 1,500 | 1,500 | 1,500 | 1,500 | 9,500 | | |
| Equipment | | | | | | | | | | |
| Civic Art | | | | | | | | | | |
| Total Allocations | 1,500 | 4,100 | 2,000 | 2,000 | 2,500 | 2,000 | 2,500 | 16,600 | | |
| Source of Funds | | | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 1,500 | 4,100 | 2,000 | 2,000 | 2,500 | 2,000 | 2,500 | 16,600 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Total Funds | 1,500 | 4,100 | 2,000 | 2,000 | 2,500 | 2,000 | 2,500 | 16,600 | | |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : NORTHSIDE SEWER RELIEF TUNNEL REHABILITATION | Council District | | C.I.P. Number: R-2003 | | | | | |
|---|---|--|---|-------------|--------------|----------------------|--------------|----------------------|
| | Location: B,H,I | Served: B,H,I | Key Map: 453KPTWX | | | Neighborhood: | | |
| | Geographic Reference: 5359-1113 | | | | | | | |
| Description: Project provides funds for rehabilitation of the Northside Sewer Relief Tunnel with moderate to severe corrosion. Includes design, construction, construction management and administration. Justification: Project is needed to rehabilitate moderate to severely corroded pipe and to protect the pipe from future corrosion. | Operating and Maintenance Costs:(Thousands) | | | | | | | |
| | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | |
| | Personnel | | | | | | | |
| | Supplies | | | | | | | |
| | Svcs. and Chgs | | | | | | | |
| | Capital Outlay | | | | | | | |
| | Total | | | | | | | |
| | FTEs | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | | | | | | | | |
| Design | 3,800 | | 500 | 200 | 300 | | | 4,800 |
| Construction | | | | | 6,000 | 6,700 | 7,000 | 19,700 |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| Legal Fees | 100 | | | | | | | 100 |
| Total Allocations | 3,900 | | 500 | 200 | 6,300 | 6,700 | 7,000 | 24,600 |
| Source of Funds | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 3,900 | 0 | 500 | 200 | 6,300 | 6,700 | 7,000 | 24,600 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | 3,900 | | 500 | 200 | 6,300 | 6,700 | 7,000 | 24,600 |

2006 - 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : NEIGHBORHOOD SEWER SYSTEMS IMPROVEMENTS | Council District | | C.I.P. Number: R-2011 | | | | | |
|---|--|---|--|-------------|----------------------|-------------|-------------|---------------|
| | Location: All | Served: All | Key Map: N/A | | Neighborhood: | | | |
| | Geographic Reference: N/A | | | | | | | |
| Description: Replacement and renewal of neighborhood sewers and facilities to improve customer service. | | Operating and Maintenance Costs:(Thousands) | | | | | | |
| Justification: Neighborhood sewer lines and related structures that continue to deteriorate requiring frequent repair need to be replaced and upgraded as necessary to meet today's conditions. | | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | |
| | | Personnel | | | | | | |
| | | Supplies | | | | | | |
| | | Svcs. and Chgs | | | | | | |
| | | Capital Outlay | | | | | | |
| | | Total | | | | | | |
| | | FTEs | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | |
| Acquisition | | | | | | | | |
| Design | 9,058 | 1,188 | 1,000 | 2,000 | 2,000 | 2,000 | 2,200 | 19,446 |
| Construction | 77,218 | 6,190 | 12,000 | 12,000 | 13,000 | 13,000 | 14,300 | 147,708 |
| Equipment | | | | | | | | |
| Civic Art | | | | | | | | |
| | | | | | | | | |
| Total Allocations | 86,276 | 7,378 | 13,000 | 14,000 | 15,000 | 15,000 | 16,500 | 167,154 |
| Source of Funds | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 86,276 | 7,378 | 13,000 | 14,000 | 15,000 | 15,000 | 16,500 | 167,154 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total Funds | 86,276 | 7,378 | 13,000 | 14,000 | 15,000 | 15,000 | 16,500 | 167,154 |

2006 – 2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

| Project : LARGE DIAMETER SEWER (LDS) REHABILITATION PROGRAM | | Council District | | C.I.P. Number: R-2013 | | | | | | |
|--|--|---|--|--|-------------|----------------------|-------------|---------------|--|--|
| | | Location: All | Served: All | Key Map: N/A | | Neighborhood: | | | | |
| | | Geographic Reference: N/A | | | | | | | | |
| Description: This project provides the funding necessary for the planning, design construction of LDS rehabilitation projects. Justification: Projects are needed to rehabilitate moderate to severely corroded pipe and to protect pipe from future corrosion. This is an essential investment in the most critical and valuable sewers. | | | Operating and Maintenance Costs:(Thousands) | | | | | | | |
| | | | | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | | |
| | | | Personnel | | | | | | | |
| | | | Supplies | | | | | | | |
| | | | Svcs. and Chgs | | | | | | | |
| Capital Outlay | | | | | | | | | | |
| Total | | | | | | | | | | |
| FTEs | | | | | | | | | | |
| Project Allocation | Appropriations Through Dec. 31, 2004 (Thousands) | Estimated Appropriations Jan 1 - June 30 2005 (Thousands) | Fiscal Year Planned Appropriations (Thousands) | | | | | Project Total | | |
| | | | 2006 | 2007 | 2008 | 2009 | 2010 | | | |
| Acquisition | | | | | | | | | | |
| Design | 6,371 | | | | | | | 6,371 | | |
| Construction | 5,915 | 12,100 | 10,000 | 8,000 | 10,000 | 10,000 | 10,000 | 66,015 | | |
| Equipment | | | | | | | | | | |
| Civic Art | | | | | | | | | | |
| | | | | | | | | | | |
| Total Allocations | 12,286 | 12,100 | 10,000 | 8,000 | 10,000 | 10,000 | 10,000 | 72,386 | | |
| Source of Funds | | | | | | | | | | |
| Water & Sewer Cons. Const. Fund | 12,286 | 12,100 | 10,000 | 8,000 | 10,000 | 10,000 | 10,000 | 72,386 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Total Funds | 12,286 | 12,100 | 10,000 | 8,000 | 10,000 | 10,000 | 10,000 | 72,386 | | |



Tab

Water