

CIP Program Highlights

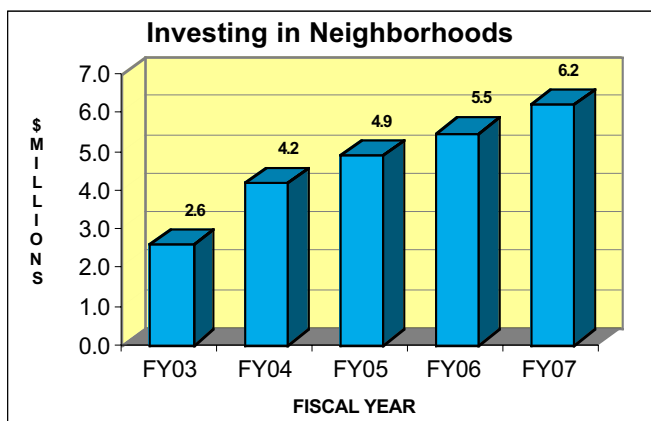
information on nearby schools, fire stations or hospitals. The FY07 Budget GIS Mapping Project continues the city's goal to be an efficient city government focused on customer service and to give the citizen the highest quality of services at the best possible value.

Highlights

Major FY07 capital projects include:

Investing in neighborhoods is comprised of four initiatives which are replacing street signs and street markings, street maintenance / resurfacing, new and replacement sidewalks, and the installation of traffic calming devices. In addition, by combining these four initiatives together in a major street project that goes through neighborhoods, we also identify those projects. An example is the North 22nd Street enhancements discussed later.

Beginning with the FY04 program, this administration has made significant progress in realigning dollars to improve funding for the neighborhood transportation program. Dollars for these programs increased significantly from \$2,586,000 in FY03 to \$4,200,000 (a 62% increase) in FY04. For FY05, funding was again increased to \$4,885,400 (a 16% increase) and was raised by 12% for FY06 to \$5,477,100. Funding for FY07 is being increased by 13% to \$6,200,000.



Sidewalks: A network of 958 miles of sidewalk presently serves the City of Tampa. In FY07, \$1.76 million is being allocated to the sidewalk program, a 3% increase over last year's program. Requests for repair are received from a number of sources including citizens, city council or city administration. The neighborhood sidewalk program contains an extensive list of candidate locations that gives neighborhood groups the opportunity to help prioritize new sidewalk needs. In FY06, four miles of new sidewalk were constructed and two miles were reconstructed. For FY07, five miles of new and three miles of reconstruction are planned.

Neighborhood Traffic Calming: This FY07 program is increasing 12.5% to \$680,800. The purpose of this program is to promote the unique character of the neighborhoods through the use of vehicular access and speed management techniques, pedestrian and bicycle amenities, abundant landscaping and green spaces, and aesthetic design standards.



Traffic Calming

Signage: This program will be increased by \$219,500 to \$869,500 for FY07 - a 33.8% increase over FY06. The increase will accelerate the illuminated street name sign program. This funding has also enabled the acceleration of the sign replacement program. The program also includes upgrading and replacing school signs and markings. For FY07, an estimated 5,000 signs will

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be replaced and at least four intersections will receive illuminated signs.

Street Maintenance / Resurfacing: This program will receive \$1.2 million in FY07 - a 37.6% increase over FY06. These funds are applied to maintain or resurface the city's 1,671 miles of paved streets and repair an average of 4,300 potholes annually. In FY07, approximately 36 miles of roadway will be resurfaced.



Street Resurfacing

North 22nd Street Enhancements: This \$1.2 million project has been funded in FY07. The FY07 portion of the project will encompass the design of the area from 23rd Avenue to Lake Avenue and Lake Avenue to Dr. Martin Luther King, Jr. Boulevard. The preliminary plan for this corridor includes landscaped intersection improvements with curbs and sidewalks; a community gateway portal with stamped asphalt defined crosswalks; ornamental street lamps; traffic signals; and underground utility placement.

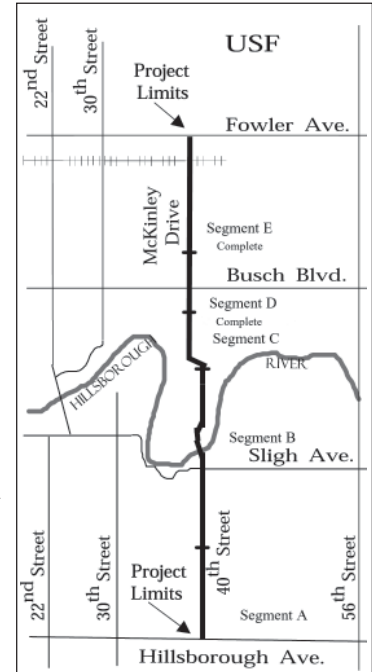
Fiscal year 2007 will see significant transportation projects continuing or being awarded:

40th Street: Foremost of these projects is continuing the widening of 40th Street - the highest priority transportation project for this administration. This \$86 million plus project expands 40th Street from two to four lanes from

Hillsborough Avenue to Fowler Avenue and has been broken into five segments 'A' through 'E'.

Segments 'E' and 'D' from Fowler Avenue to Humphrey Street south of Busch Boulevard are complete.

Construction for segment 'B', from Hanlon Street to Hanna Avenue, including a bridge over the Hillsborough River is expected to be awarded in the last quarter of FY06. Segments 'A' and 'C', on both sides of the bridge, will be constructed concurrently to complete the project.



Cross Creek II: The funding provides for project development and an environmental study to begin in FY07 (18 months), roadway design (18 months), and then construction of an urban four-lane



Cross Creek I - Clay Gully to Arbor Green - utility relocation prior to road construction

divided roadway from the Cory Lake Isles entrance to Morris Bridge Road. Coordination will be done with the water and wastewater departments to determine any necessary system

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upgrades. Land acquisition may be required for the roadway or retention ponds. The appropriate drainage, lighting and signalization requirements will be included.

Manhattan Avenue: This project is under construction from Gandy Boulevard to Euclid Avenue to turn a two-lane into a four-lane urban roadway and improve Manhattan Avenue with center turn lanes, medians, sidewalks, bikeways, landscaping, and two stormwater retention areas. Construction started in January 2006 and will continue through 2007. Funding for this \$9.3 million project comes from: gas taxes; impact fees; community investment tax bond proceeds; water and wastewater funds; and prior year appropriations.

Downtown Two-Way Street Configuration: This project began in FY06, with the conversion of Madison Street from Ashley Drive to Pierce Street, from a one-way to a two-way street. Twiggs Street is scheduled for reconfiguration in FY07 at an estimated cost of \$1 million from tax increment financing funds. The street concept for downtown streets emphasizes the pedestrian character of these streets. Improvements are directed at street resurfacing, striping intersections, crosswalks, including brick imprint crosswalks, centerlines, parking spaces, retrofitting traffic signal poles and mast arms, reconfiguring parking spaces and meters, removing and replacing traffic signage, and installing destination signage.

Other projects of note throughout the city include:

District III Police Headquarters: In February 2004, the police department was reconfigured from two patrol districts to three. The District III area is largely comprised of historic Ybor City and communities in East Tampa. Each of these areas have exhibited unique concerns and needs. This facility will allow officers to be deployed in a more expedient manner and residents will be provided

with a community-based facility where they can receive police assistance. This project will help the economic development of East Tampa, in keeping with the mayor's strategic plan of investing in neighborhoods.

A contract for constructing the facility was awarded in FY06 for \$7.3 million with a projected completion date of summer 2007. Funding sources for the award included utility tax, urban development action grant, tax increment financing, community development block grant and community investment tax funds. FY07 funding provides for items such as furniture, fiber optic connections, computers, inspections, communications, and overhead.

Riverwalk: The Tampa Riverwalk project is one of the administration's highest priorities. An architectural firm completed a comprehensive master plan in spring 2006. The Riverwalk project consists of 2.2 miles of continuous walkway along the east side of the Hillsborough River from the North Boulevard Bridge to the Channelside area on the Garrison Channel. The Riverwalk 2010 plan divides the 2.2 miles into 21 segments; 5 are completed, 1 is currently under construction, 1 is



Riverwalk

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designed, 5 are being designed and the remaining 9 are waiting design funding. As a multi-modal project that will tap into many funding sources, the Riverwalk will act as a catalyst for revitalization efforts downtown. Citizens throughout the community will have easy access to riverside parks, museums, hotels, restaurants, shopping and key destinations. The \$700,000 allocated in FY07 will design the convention center segment and includes the riverwalk pier. The goal is to have as many segments completed as possible for the 2009 Superbowl, to be held in Tampa.

Parking: During FY07, the parking department will continue a project started in FY06 to purchase and install new revenue control equipment at several parking facilities. This equipment will replace outdated equipment and provide parking patrons multiple payment options when using the facilities for short or long-term parking needs. Additionally, procurement of industry compliant hardware and software will ensure maximum accountability. The department seeks to perform structural maintenance and seek new parking initiatives. Using a similar approach, the parking department will purchase multi-space parking equipment to begin the replacement of single-spaced parking meters. Key areas for installing multi-space meters include the Ben T. Davis Beach and the historic Ybor City neighborhood. Such equipment would again afford parking patrons multiple payment options including merchant validation programs that would allow for both debit or credit card and cash options. No rate changes are planned for FY07.

Wastewater: FY07 capital improvement funding will be allocated toward rehabilitation of pump stations, replacement of aging sewer lines and improvements to the Howard F. Curren Advanced Wastewater Treatment Plant (HFCAWTP). Two pump stations will have generators permanently installed to provide onsite power generation to allow the stations to remain in operation during power outages. Also planned for FY07 are the

replacement of magnetic flow meters at the 13th Street and San Carlos Pump Stations, two critical wastewater facilities. The majority of the projects for FY07 are at the HFCAWTP ranging from roofing, coatings and painting to replacement of pumps at the diffused air reactor facility. A \$36 million bond was issued in FY06 to accelerate infrastructure improvements. No rate change is planned for FY07.

Water: The water department's capital improvement budget will be \$6.6 million for FY07. The funds will be used for various plant, production and delivery system improvements. Some of the water department's infrastructure has been in place between 30 and 60 years. A bond issue of approximately \$32 million is planned for FY07 to accelerate long-standing infrastructure needs. No rate change is planned for FY07.

Contribution in Aid of Construction (CIAC)

The downtown and South Tampa areas are experiencing tremendous growth in the form of new residential and commercial developments. Growth in this area will create additional water demands that necessitate additions and improvements to water transmission and re-pump facilities. As current transmission mains that service downtown and South Tampa are insufficient to meet this increased demand, the city is undertaking an ambitious project to install 15 miles of transmission main from the David L. Tippen Water Treatment Facility. In addition, the project will include modifications to the Interbay re-pump station. These improvements will also protect service levels which future development demands.

Construction is projected to begin early in FY07 with completion in late FY09. The project is estimated to cost \$55 million. To help offset the cost, the city initiated a CIAC charge in January 2006. New developments planned for the downtown and South Tampa areas, are required to pay this charge based on equivalent residential connections (ERC). Each ERC is equal to 300

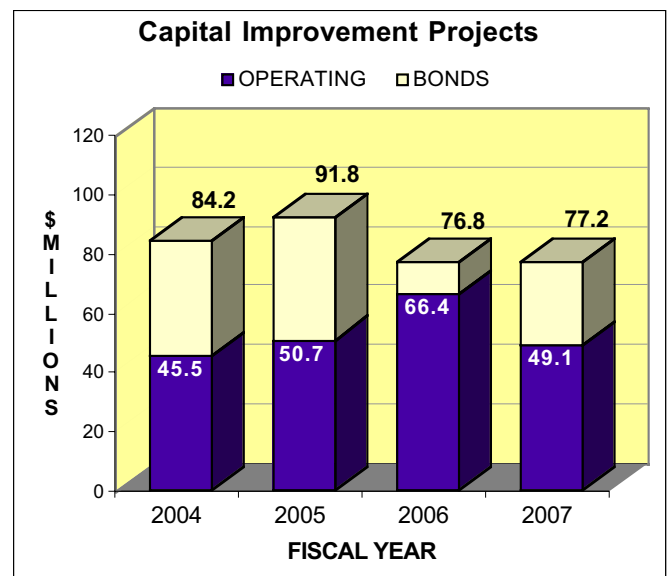
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gallons per day, and on average, a single family residence will use one ERC.

Solid Waste: In FY07, the solid waste department will initiate design for several capital projects at the solid waste yard including a truck wash and water reclamation system and a perimeter wall. Construction of these projects is planned for FY08 and they are to be jointly funded with the fleet maintenance division of the public works department. The truck wash will serve to improve the appearance of city vehicles while recycling the water used at the facility. The perimeter wall will obscure the view of solid waste and fleet vehicles from the neighborhood and improve facility security. At the McKay Bay refuse-to-energy facility, transfer station structural improvements will be designed in FY07 and construction is planned for FY08. These improvements will help increase the efficiency and operation of the station. Also in FY07, the McKay Bay scalehouse facility will be renovated to improve the flow of vehicles through the scales. There are no rate changes planned for FY07.

Stormwater: Tampa's stormwater department embarked on a five-year, \$60 million plan in FY06 to help address some of our community's long-standing flood problems. The department is focusing on long neglected stormwater problems and maintenance that will lead to improved flood protection and water quality. The FY07 capital improvement program will address the construction of eight high-priority flooding relief projects. Land acquisition and construction plans will be conducted to provide additional pond facilities in the Grant Park area as well as drainage improvements within the Drew Park community redevelopment area. Design is underway for the Dale Mabry Highway project from Neptune Street to Henderson Boulevard, a huge undertaking and a significant problem for decades. To improve upon the city's water quality discharge systems, installation of sediment filtration devices and water quality restoration programs are planned for FY07. Design of several large-scale projects

initiated in FY06 are planned using \$20 million from either a proposed FY07 bond issue or commercial paper. The department will continue as the lead department in the development of the city's enterprise geographical information system. This initiative will ultimately transfer city infrastructure records from numerous departments to a uniform electronic format. This initiative is key to developing future capital and maintenance programs, and to improving customer service. No rate change is planned for FY07.



Summary: In FY07, the total recommended capital improvement program is \$77.2 million, a \$447,400 increase from FY06. The largest changes occur in the enterprise funds and previously appropriated bond funds. Enterprise funds are down \$12.4 million due to funding projects with bonds and / or commercial paper instead of operating funds. Bonds were issued in FY06 for wastewater projects and anticipated bond issues or commercial paper for water and stormwater projects are expected in FY07. Smaller decreases in funding are programmed in local option gas tax and impact fee funds. An increase of \$15.7 million is for projects previously appropriated in the Community Investment Tax Bond - 2001A that are expected to be awarded this year.

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	Funding Sources (Millions)		
	FY05	FY06	FY07
	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>
Utility Tax	\$ 6.3	\$ 6.4	\$ 7.6
Community Development Block Grant	2.0	2.2	0.9
Community Investment Tax - FY97-01	1.9	1.8	0.2
Community Investment Tax - FY02-06	5.2	5.8	1.2
Community Investment Tax - FY07-11			6.0
Community Investment Tax Bond - 2001A	25.1	6.3	22.0
Cable Communication	0.1		
Local Option Gas Tax	8.4	11.8	8.5
Local Option Gas Tax FY99 Bond Construction	1.1	2.5	1.7
Transportation Impact Fee	6.6	6.5	5.6
Transportation Impact Fee International Plaza		0.1	
Enterprise Funds	16.3	24.7	12.2
Utilities Tax Improvement Bonds	3.3	0.3	3.1
Wastewater State Loan	5.2		
Water Bond / State Loan	1.3	1.3	1.3
Water Construction Bond	5.1		
Stormwater	3.9	6.6	6.6
Fleet Maintenance		0.5	0.3
Total	<u>\$ 91.8</u>	<u>\$ 76.8</u>	<u>\$ 77.2</u>

The table above is a comparison of funding sources. Major projects are summarized in the following narratives. For specific project descriptions, see the individual project page.

Revenues / Expenses

This section provides a summary of revenues and expenses. Each of the funds listed in the funding sources chart shown above with FY07 funds are discussed. The revenue portion describes the revenue and trends as shown in the three-year summary immediately following.

Utility Tax Fund

Revenue

This tax is levied by the city on the purchase of utility services within the city limits. In FY07, \$7.6 million of utility taxes will be used for capital improvement projects for the general fund departments.

	FY05	FY06	FY07
	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>
Utility Tax (Millions)	\$6.3	\$6.4	\$7.6
Change from prior year	-25.0%	1.6%	18.8%

Expenses

Renovations, replacements and improvements to city facilities are budgeted in FY07 at \$4.4 million for the fire rescue, police and public works departments. Public works will be replacing roofs, upgrading HVAC systems, and relocating or renovating offices. Improvements to the seawall, from the Waterworks Park site through Curtis Hixon Park to the Rivergate Tower, are planned in FY07 for \$1 million. Also in FY07, \$1.1 million is allocated for relocating the information technology office.

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Utility tax funding for parks and recreation is budgeted at \$920,000 with projects scheduled to maintain facilities at standardized levels. By leveraging funds with other sources, the city is able to expand the program and undertake additional projects.

Community Development Block Grant Fund

Revenues

In FY07, Tampa will receive community development block grant funds from the federal government for various activities including capital projects. Community development block grant expenditures are subject to federal guidelines and are generally applicable to specific neighborhoods occupied by citizens of low and moderate income.

	FY05 Budget	FY06 Budget	FY07 Budget
Community Development Block Grant (Millions)	\$2.0	\$2.2	\$0.9
Change from prior year	100%	10%	-144%

Expenses

Community development block grant funds appropriated in FY07 are for the District III police headquarters and various neighborhood improvement projects such as sidewalks, street resurfacing, traffic calming devices and parks improvements such as fencing, bollards, and gates.

Community Investment Tax Fund

Revenues

This is the first year of the third, five-year period of the community investment tax, approved by the voters on September 3, 1996, providing for a one-half cent increase to the sales tax. In FY07, community investment tax funds of \$17.4 million have been funded, of which \$7.4 million will be allocated to capital improvement projects, \$4.6 million will go toward the purchase of vehicles and equipment and \$5.4 million for debt service.

	FY05 Budget	FY06 Budget	FY07 Budget
Community Investment Tax (Millions)	\$7.1	\$7.6	\$7.4
Change from prior year	22.4%	7.0%	-2.6%

Expenses

Community investment tax funds will be used for various parks and recreation and fire department improvement projects. Additional public works projects such as minor intersection improvements, street resurfacing, and traffic calming will be funded. Community investment tax funds will also be used for enhancements to North 22nd Street and the new District III police headquarters. Parks and recreation needs greatly exceed our current available funding and in order to move many projects forward we have allocated \$1.4 million for debt service for a bond issue. Ten projects will be funded by the \$17 million bond issue and includes Ballast Point pier and boat ramp reconstruction, Cyrus Green pool improvements, renovation of the Seminole Garden Center, design of a new community center in Springhill Park and construction of the New Tampa Community Center.



New Tampa Community Center rendering

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Community Investment Tax Bond-2001A Fund

Revenues

In October 2001, bonds were issued for \$55.6 million for various capital projects including the Tampa Museum of Art, Lowry Park Zoo, various parks and recreation projects, and neighborhood transportation projects.

Expenses

Of the \$22 million allocated for FY07, \$2.3 million is for roadway construction and intersection improvements and \$1 million is for communications system replacement. Also, funds in the amount of \$18.7 million have been identified in FY07 for the Tampa Museum of Art. Previously encumbered design funds will be unencumbered bringing the total available funding for the museum project to \$20 million.

Local Option Gas Tax Fund

Revenues

The local option gas tax is a 30 year tax, initiated in 1983, to fund transportation improvements. In FY07, \$8.5 million has been budgeted for transportation improvement projects.

	FY05 Budget	FY06 Budget	FY07 Budget
Local Option Gas Tax (Millions)	\$8.4	\$11.8	\$8.5
Change from prior year	23.5%	40.5%	-28.0%

Expenses

Local option gas tax funds will be used to continue the public works program of street maintenance, resurfacing, traffic calming, new signal installation and traffic signal upgrading. The downtown Riverwalk project will continue with the construction of the segment by the Tampa Convention Center which includes the city pier. Additional funds are allocated for Nebraska Avenue, Bayshore Boulevard and Cross Creek Boulevard enhancements.

Local Option Gas Tax FY99 Bond Construction Fund

Revenues

These bonds, issued in 1999 for \$28.5 million, provide funding for a variety of transportation related projects.

Expenses

In FY07, \$1.7 million is planned to be spent from local option gas tax bonds issued in FY99 for road improvements in New Tampa. Improvements may consist of lane widenings, intersection improvements and new roads.

Transportation Impact Fee Fund

Revenues

In an effort to address growth-related infrastructure requirements, the city had previously implemented a transportation impact fee. In FY07, the impact fee account will supply \$5.6 million for eligible transportation capital improvement projects.

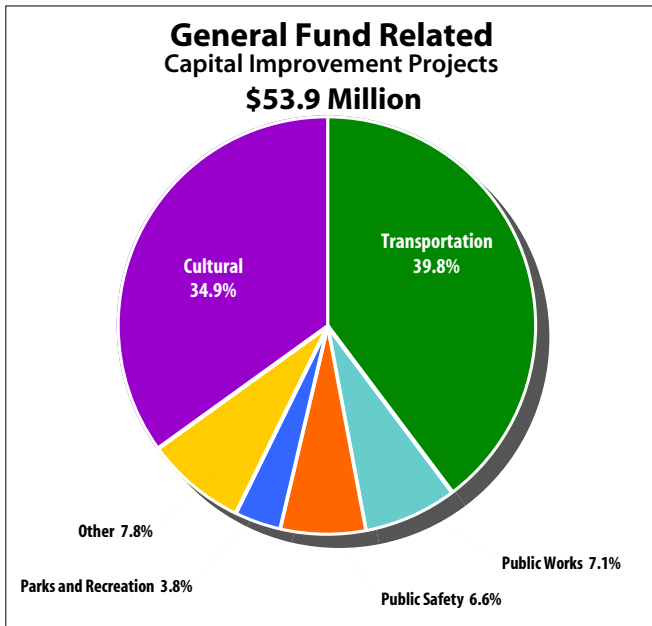
	FY05 Budget	FY06 Budget	FY07 Budget
Transportation Impact Fees (Millions)	\$6.6	\$6.5	\$5.6
Change from prior year	11.9%	-1.5%	-13.8%

Impact fee funds will be allocated to a segment of 40th Street to assist with completing that project. Transportation impact fees will be used to improve the intersection of Kennedy Boulevard and Dale Mabry Highway, along with improving Manhattan Avenue from Gandy Boulevard to Euclid Avenue. HARTline will also receive a percentage of all developer fees collected.

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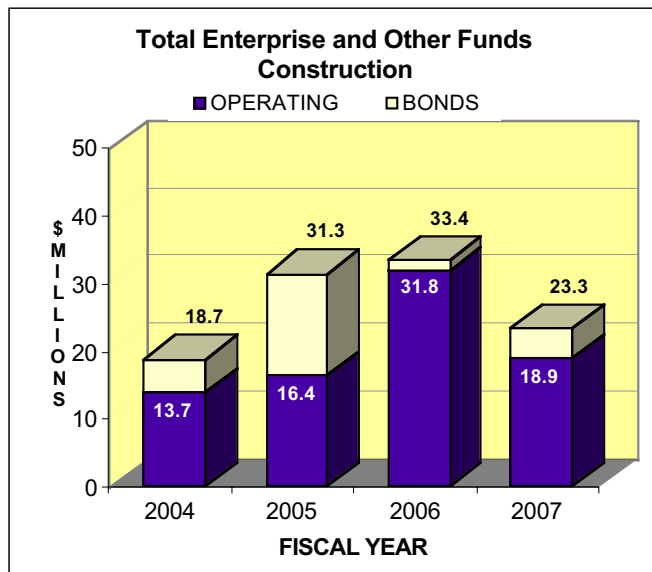
General Fund Departments Capital Projects

In summary, general fund department related capital improvement projects expenditures total \$53.9 million.



Enterprise and Other Funds

Capital improvement projects for enterprise and other funds are used to improve and expand services including parking, wastewater, water, solid waste, stormwater and fleet maintenance. Growth, redevelopment, and federal and state legislative mandates, provide a constant demand for improvements.



Parking Fund

Revenues

In FY07, the parking division's \$293,000 capital improvement budget will be funded with operating revenues. FY06 capital projects were funded from bond dollars.

	FY05 Budget	FY06 Budget	FY07 Budget
Parking (Millions)	\$0.3	-	\$0.3

Expenses

As a result of the city-wide parking structure assessment completed in February 2006, the parking division has identified several structural conditions at the Twiggs Street, William F. Poe, and Fort Brooke garages that will be addressed in FY07. Structural improvements include joint repair and replacement, roof level deck coating, concrete spalling repairs and crack sealing. The division will also make landscape improvements to the Crosstown Expressway surface lots between Morgan and Twiggs Streets.

Wastewater Fund

Revenues

The wastewater department will expend \$5 million for improvements at the wastewater treatment plant and pump station, along with pipe and line rehabilitation and replacements. These capital improvement projects are supported with revenues from the operating funds. The recently issued water and sewer systems revenue bonds series 2006, in the amount of \$36.3 million, will allow the wastewater department to continue infrastructure improvements.

	FY05 Budget	FY06 Budget	FY07 Budget
Wastewater (Millions)	\$6.7	\$6.8	\$5.0
Change from prior year	-1.5%	1.5%	-26.5%

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Expenses

FY07 capital improvement funding will be allocated toward rehabilitation of pump stations, replacement of aging sewer lines and improvements to the Howard F. Curren Advanced Wastewater Treatment Plant. Plant projects will be performed that range from roofing contracts to the replacement of pumps. Replacement of pumps at the diffused air reactor facility is a major component needed to meet the National Pollutant Discharge Elimination System operating permit requirements. The 2006 bond projects include relocating and replacing lines in association with federal, state, county and city roadway projects, rehabilitating and replacing aging pipe lines and various capital projects.

Water Fund

Revenues

The water department will expend \$6.6 million from operating funds for various plant, production and delivery systems. These capital improvement projects are supported with revenues from the operating funds. It is anticipated that a bond will be issued that will allow the water department to accelerate improvements to its aging infrastructure.

	FY05 Budget	FY06 Budget	FY07 Budget
Water (Millions)	\$9.1	\$17.1	\$6.6
Change from prior year	37.9%	87.9%	-61.4%

Expenses

FY07 capital improvement funding will be allocated toward a new transmission main extending north from the David L. Tippin Water Treatment Facility, installation of fire hydrants, replacement of undersized mains, and improvements at the treatment facility. Anticipated bond funds will continue these projects throughout the system.

Water Bond / State Loan Fund

Revenues

In FY07, \$1.3 million is planned for the water bond / state loan fund. These dollars are for a study to design phase II of the reclaimed water project for lawn irrigation focusing on areas north and south of phase I and on high use target opportunities.

Expenses

FY07 capital improvement funding provides for the design of phase II of the reclaimed water project. This will cover designated areas of Palma Ceia and other South Tampa neighborhoods not covered by phase I.

Utilities Tax Improvement Bond Funds

Revenues

Bonds issued in 1998 will fund two projects in FY07.

Expenses

Utilities Tax Improvement Bond – 1998 funds in FY07 will provide for improvements to water-proofing the membrane at the Curtis Hixon parking garage for \$302,500. This will be done in conjunction with the redevelopment of the park. Downtown site acquisition / cultural arts development associated with the Tampa Museum of Art relocation is also funded for \$2.8 million.

Solid Waste Fund

Revenues

Capital projects funded by the solid waste department in FY07 total \$167,312. These capital improvement projects are supported with revenues from operating funds.

	FY05 Budget	FY06 Budget	FY07 Budget
Solid Waste (Millions)	\$0.2	\$0.8	\$0.2
Change from prior year		400%	-400%

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Expenses

Capital improvement projects planned in FY07 will focus on scalehouse renovations and transfer station structural improvements at the McKay Bay Refuse-to-Energy Facility. Additionally, a new truck wash and water reclamation facility and perimeter wall will be designed in FY07 followed by construction in FY08 at the solid waste / fleet yard. These projects are being funded in conjunction with the fleet maintenance division of the public works department.

Stormwater Fund

Revenues

Capital projects funded by the stormwater department in FY07 total \$6.6 million. The average annual residential stormwater assessment increased in FY06 from \$12 to \$36. This assessment will yield \$6.0 million for stormwater planning, maintenance and operations. This is the second year of a five-year, \$60 million, improvement plan. This includes a \$20 million bond issue or commercial paper program in FY07.

	FY05 Budget	FY06 Budget	FY07 Budget
Stormwater (Millions)	\$3.9	\$6.6	\$6.6
Change from prior year	2.6%	69.2%	

Expenses

The \$6.6 million in this year's program will provide flooding relief at eight locations throughout the city, installation of sediment filtration devices, pond construction, drainage improvements and major pipe replacements and improvements. The anticipated bond issue, or commercial paper funding, will address long-standing flooding problems in the areas of Dale Mabry Highway from Neptune Street to Henderson Boulevard, Drew Park and improvements to the Duck Pond drainage system.

Fleet Maintenance Fund

Revenues

Capital projects totaling \$309,885, funded by the fleet maintenance department in FY07, are supported with revenues from operating funds. Capital projects are funded for the benefit of user departments.

	FY05 Budget	FY06 Budget	FY07 Budget
Fleet Maintenance (Millions)		\$0.5	\$0.3
Change from prior year			-40%

Expenses

Capital improvement projects planned in FY07 include the design of a vehicle wash facility and a perimeter wall that will be constructed in FY08 at the fleet / solid waste yard. Additionally, fleet maintenance will install a bulk fluid delivery system that will provide greater inventory control and added safety.

City-wide Construction Summary

The FY07 annual capital improvement program for the City of Tampa will total \$77.2 million. This includes \$29.4 million in capital projects funded by community investment tax / bond funds. Other bond / state loan funds comprise \$6.1 million or 7.9% of the funds allocated for FY07.

Operational Impacts of Capital Improvement Projects

Capital improvement projects generally have one of two impacts. New or expanded facilities usually result in staffing requirements along with new operating costs such as utilities, supplies, and maintenance requirements. Replacement of older facilities has the opposite effect; efficiencies gained

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from more efficient equipment, lower maintenance costs, and on occasion, lower staffing requirements reduce operating and personnel costs.

In the water, wastewater, and stormwater departments, the city has embarked on a multi-million dollar, multi-year program to accelerate replacing aging infrastructure. Over the last few years, the city has been experiencing more frequent and more costly failures. Often, these failures “detour” employees from their planned preventative maintenance schedules and incur significant overtime costs. By accelerating the replacement program, primarily through bond issues, we will improve service to our customers and reduce costly repairs for parts, materials and overtime.

Improvements to parks and recreation centers throughout the city are budgeted for \$1 million. These improvements include new fencing, resurfacing parking lots, building renovations, new lighting and irrigation systems, and ballfield refurbishment. Each improved facility will have lower maintenance, repair and utility expenses.

Annual funding of \$200,000 is also provided for courts, sidewalks and trail improvements. These improvements include lighting upgrades that improve visibility and reduce energy consumption, maintenance and repair costs. Four areas are projected to be impacted with the FY07 funding.

Specific projects include:

District III Police Headquarters - A contract for construction of a new police headquarters for District III was awarded in FY06 with a projected completion date of summer 2007. Annual operating expenses are estimated to be \$127,000. Utilities including electrical, telephone, cable television, internet, solid waste, wastewater, and water services are projected to cost \$70,000 annually. Contractual services including lawn

maintenance and irrigation, custodial, carpet cleaning, fire alarms and sprinklers are projected to cost \$37,200 annually. In-house preventative maintenance and repair costs are expected to be \$19,800 annually. Operating expenses will be appropriated, as necessary.

New / Replacement Fire Stations - This project provides for constructing two new fire stations (FS) and replacing two stations over the next five years. In FY07, design and construction will begin for FS #19 in Port Tampa. Due to the larger building size, the cost to operate the new facility will increase by approximately \$9,000. Construction of FS #22 in New Tampa will commence in FY09. Operating and one-time capital costs for FS #22 will include: \$1.8 million for payroll and benefits for 30 firefighters; \$33,000 for bunker gear and clothing; \$913,000 for a ladder truck; \$313,000 for a fire engine; and \$42,000 for utilities. Similar expenses are projected for the two stations, one replacement and one new, programmed in fiscal years 2010 and 2011.

Traffic Signal Upgrade to Light Emitting Diodes (LEDs) - This project provides for the upgrade of traffic signal displays to LED signal heads for emergency operation of signals on backup power systems. Current signals require too much power to operate on backup power systems. This project will be directed at the top 100 emergency priority intersections and will free up Tampa police officers from traffic duty during emergency situations. LED traffic signals reduce power demand by an average of 75%, enabling the use of batteries or generators as backup power sources. With an average annual cost of \$887 per signal, the savings on 100 signals will be approximately \$67,000 per year.

Climate Control / HVAC Systems - Funding is provided, in the amount of \$152,180 annually, for the replacement of deteriorated HVAC (heating, ventilating, air conditioning) systems at various

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locations throughout the city. Many of these systems have exceeded their useful lives and repair parts are becoming more difficult and costly to obtain. Energy savings will accrue with their replacement. In FY08, several HVAC air handlers at the Tampa Municipal Office Building need to be replaced. Many of the units are over 29 years old. Energy savings will also accrue from replacement of these air handlers.

Energy Management Systems - In FY08-FY10 funding is programmed for the installation of energy management systems at various city facilities. Benefits from the project include remote control and monitoring of air conditions in facilities, early identification of system problems and energy savings.

Howard F. Curren Advanced Wastewater Treatment Plant Frequency Drive Replacement - During FY07 the wastewater department will replace and standardize seven variable frequency drives and related controls necessary to operate the nitrification pumps at the diffused air reactor facility. The variable frequency drives and control systems are no longer reliable. Replacement of this equipment will increase system reliability and reduce overall operation and maintenance costs. The new drives will be standardized to match other drives used throughout the treatment plant. More importantly, standardization of equipment reduces operation and maintenance costs by minimizing the need to store multiple types of spare parts thereby reducing the downtime of equipment.