

POLICE PROTECTION

91147 Police Computer Network

This project was originally established in the FY 1993/94 Capital Improvement Budget and provided for the Police Department's computer plan and network operations. The focus of the project includes upgrading the in-house computer systems' desktop computers, file servers, printers, and network hardware technology as new technology becomes available. Maintaining the Police computer in-house network as "state of the art" is of utmost importance, and the ever-changing nature of computer technology makes it impossible to be specific regarding future purchases or needs.

Annual Operating Costs: Annual debt service expenditures of approximately \$66,000 to be funded by the Police Department in the General Fund.

FIRE PROTECTION

91218 Fire Engine Replacement

This project provides funding for the replacement of a 1987 Ford fire engine that will have exceeded its useful life by fiscal year 2005/06 and at the time of replacement will be approximately 18 years old. The unit normally has a total service life of approximately 15 years, and can put in a reserve status until the new unit is received. The earlier purchase date also allows time for the purchase process and construction time of the unit.

Annual Operating Costs: Annual debt service expense to be funded by the General Fund.

91221 EMS Capital Equipment

This project provides for the procurement of capital equipment for the EMS system per County EMS agreement. Equipment includes replacement of electronic support equipment, life packs, radios, stretchers, splints, oxygen regulators, etc.

Annual Operating Costs: Annual debt service expense to be funded by the General Fund, and no increase in operating costs.

91226 Other Fire Vehicles

In FY 2006/07 and FY 2007/08, this project will provide a total of \$192,660 in funding for the replacement of four Fire Support vehicles that will have reached current useful life expectations. In addition, this project will provide in FY 2007/08 funding for the replacement of a 1986 Chevy step van that will have exceeded its useful life by fiscal year 2007/08, and at the time of replacement will be 21 years old. In FY 2008/09 funding is provided for the replacement of a 2001 GMC supply van. For FY 2009/10, this project provides for the replacement of one 1999 Life Safety Inspection vehicle, a 1999 Special Operations van, a 2000 passenger van, a 2002 Operations Command unit (Suburban), and the 1998 Rescue boat. All of the above requests are in accordance with the Fire Department's support/specialty unit replacement schedule.

Annual Operating Costs: Annual debt service expense to be funded by the General Fund.

91229 Replace & Upgrade Air Packs

This project provides for routine replacement of all Fire Department breathing apparatus to meet all current and proposed new safety standards. Funding for refurbishment is partially reimbursed by the County since the equipment also serves the unincorporated area of the Clearwater Fire District.

Annual Operating Costs: No increase in operating costs.

CAPITAL PROJECT SCOPE

FIRE PROTECTION (continued)

91236 Rescue

This project provides for the scheduled replacement of Fire/EMS first response vehicles. Funding will allow for the replacement of one medium duty rescue vehicle in FY 2006/07 and one light-duty and one medium duty rescue vehicle in 2009/10. Funding for replacement is partially reimbursed by the County since the equipment also serves the unincorporated area of the Clearwater Fire District.

Annual Operating Costs: Annual debt service expense to be funded by the General Fund, and no increase in operating costs.

91242 Fire Training Facility/Administration Facility

This project provides for the renovation and expansion of the existing Fire Training Building on Belcher Road to permit the facility to accommodate ever-increasing training requirements. The expanded facility will also serve as a new primary Emergency Operations Center (EOC), with all associated support and communications equipment in place. In addition, the structure proposed will withstand up to 200-mile per-hour winds to ensure continuity of City operations during adverse weather conditions. The second level of the Training Center will contain the Administration (Headquarters) component saving the cost of a stand-alone structure while consolidating City-owned properties and buildings. Funding for refurbishment is partially reimbursed by the County since the equipment also serves the unincorporated area of the Clearwater Fire District.

Annual Operating Costs: Approximately \$49,000 per year and increasing by approximately 5% per year thereafter.

91245 Garage Door Replacement

This project provides for replacement of garage doors at Fire Department facilities as follows: FY 2004/05-Fire Station 46.

Annual Operating Costs: No increase in existing operating costs

91247 Traffic Preemption Control

The project provides funding for the regular periodic installation additions to an automated traffic control system that will allow public safety vehicles to more safely respond through intersections using in-vehicle control of traffic signals, with resulting decreases in response times to emergency scenes. For FY 2009/10, this funding will permit the installation of the devices at six to seven intersections. Funding will be partially reimbursed by the County as the system will help serve any unincorporated resident of the Clearwater Fire District.

Annual Operating Costs: Annual debt service expense to be funded by the General Fund, and no increase in operating costs.

91250 Heavy Rescue Unit Replacement

This project provides funding for the replacement of a 1997 Heavy Rescue Unit that is nearing the end of its useful life as the front-line unit. As the primary extrication unit on EMS incidents and a requirement that this unit respond to all structure fires in the fire district, it has experienced greater wear than originally anticipated. Once replaced, this will allow the Fire Department to surplus a 1979 spare heavy rescue unit that no longer meets service requirements. The Fire Department will request that the debt service for this unit be funded through the elimination of the Major Fire Apparatus Refurbishment program.

Annual Operating Costs: Approximately \$108,500 in debt costs.

FIRE PROTECTION (continued)

912xx Station 48 (Belcher Road) Renovation & Expansion

This project provides for the renovation and the expansion of the existing facility, which will be approximately 30 years old at time of planned renovation. The current design features of the present facility will no longer be capable of addressing the needs of new department programs and the transition to a diverse workforce environment. The current geographic location does continue to serve the needs of the community well and the renovation/expansion program is part of an overall plan to create a master station complex, which consolidates training, fire apparatus maintenance, our supply program, and a primary Emergency Operations Center in one location. Funding will be partially reimbursed by the County as the facility will also serve the unincorporated residents of the Clearwater Fire District.

Annual Operating Costs: No significant increase in operating costs.

912xx Main Station

This project provides for the renovation and modernization of our Main Fire Station. The improved and expanded facility will meet modern-day standards and provide more appropriate accommodations for our female as well as male firefighters. Additionally, this station will be relocated to serve our citizens in a more consistent manner. Funding for refurbishment is partially reimbursed by the County since the equipment also serves the unincorporated area of the Clearwater Fire District.

Annual Operating Costs: No significant increase in operating costs.

912xx Automatic External Defibrillator Program

This project provides for the replacement of 45 devices currently in key City facilities such as City Hall, MSB, Libraries, Police, etc., that permit restarting the heart during cardiac arrest for citizens and employees in need. Devices will be between seven and eight years old.

Annual Operating Costs: No increase in operating costs.

912xx Self Contained Breathing Apparatus Upgrades

This project provides funding for one self contained breathing apparatus (SCBA) system. This system will consist of a breathing air compressor, six breathing air storage cylinders and a facility type fill station. The system will allow for refilling of Fire Department SCBA units located on our emergency response apparatus. Funding will be partially reimbursed by the County as the system will help serve any unincorporated resident of the Clearwater Fire District.

Annual Operating Costs: No increase in operating costs.

912xx Extrication Tools

This project will provide funding for the upgrade and additional vehicle extrication equipment package that will replace existing units and upgrade equipment to current National Fire Protection Agency (NFPA) recommendations. Funding will be partially reimbursed by the County as the equipment will help serve any unincorporated resident of the Clearwater Fire District.

Annual Operating Costs: No increase in operating costs.

NEW STREET CONSTRUCTION

92146 Druid Road Improvements

This project provides funding for improvements at various intersections along Druid Road. Improvements include landscaping, sidewalks and bike paths.

Annual Operating Costs: Approximately \$135,000 for maintenance.

Comprehensive Plan Objectives: (2.5) The City shall encourage improved land use of transit oriented development planning. (2.5.1) The City shall support the Pinellas Trail and examine opportunities for Trail extensions or spurs to connect to regional attractions and employers. (6.1) Roadway improvements to obtain desired Levels of Service must be included in City projects. (6.3) To meet desired level of service standards as set forth in policy 5.5.1.

MAJOR STREET MAINTENANCE

92259 Traffic Calming Program

Project to promote traffic calming within Clearwater neighborhoods and establishment of a methodology for implementation. City staff to implement in succeeding years through capital programming.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (6.1) Every expansion or extension of arterial and City and County collector streets shall be constructed consistent with FDOT engineering standards where possible.

92266 Streets, Sidewalks & Bridges

This project provides for deterioration prevention of City streets and sidewalks by allowing approximately 30 miles of streets to be maintained yearly. The project also provides for sidewalk repair and construction as needed, as well as, a continuous maintenance program to keep the City's bridges in good repair.

Annual Operating Costs: No significant increase in existing operating costs.

92269 Downtown Streetscape

As the primary "Main Street" within our Downtown, the City intends to implement the construction of the downtown streetscape for Cleveland Street from Myrtle to Osceola Avenues. This project includes the reconstruction of Station Square Park.

Annual Operating Costs: Approximately \$36,600 for landscape, fountain and street furniture maintenance and the maintenance of the new Station Square Park. This also includes the cost for Public Services to clean the brick pavers.

92270 Gulf to Bay and Highland Avenue Gateway Intersection Improvement

Once the Memorial Causeway Bridge is open, a substantial portion of existing traffic utilizing Cleveland Street will move onto Court Street resulting in a significant reduction in traffic downtown. This reduction may result in certain negative impacts on downtown businesses. In addition, future traffic might mistakenly utilize Cleveland Street, which will terminate at Osceola Avenue, as a route to the beach. Therefore, the City, acknowledging the level of importance of this "Gateway" intersection, will implement this portion of the downtown streetscape indicating the correct routes to either the Downtown or Beach to motorists.

Annual Operating Costs: These costs are still being analyzed and will be presented when the project comes before the Council for final approval.

INTERSECTIONS

92551 City-Wide Intersection Improvements

The project provides intersection improvements of a minor nature to facilitate traffic flow, such as radii, right turning lanes, and minor channelization, which often accompany the new signalization of an intersection.

Annual Operating Costs: No significant increase in existing operating costs.

Comprehensive Plan Objective: (6.1) Roadway improvements to obtain desired Levels of Service must be included in City capital budgets.

92552 Signal Renovation

Renovation of substandard signalized intersections is required to meet the standards set by the national and State of Florida mandates to increase safety and reduce liability. This project also provides money to support the costs of relocating traffic signal equipment due to road widening projects or intersection improvement projects where the cost of such relocation cannot be included in the cost of that project.

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: The FDOT has established minimum operating standards for urban minor arterials and minimum standards for State principal arterials. Clearwater intends that these standards be recognized as the minimum acceptable standards for State arterial roads, and should serve as a guideline for reviewing development applications.

92553 New Signal Installations

The project provides for new traffic signals installed at previously unsignalized intersections that meet traffic signal warrants.

Annual Operating Costs: No significant increase in existing operating costs.

Comprehensive Plan Objective: The FDOT has established minimum operating standards for urban minor arterials and minimum standards for State principal arterials. Clearwater intends that these standards be recognized as the minimum acceptable standards for State arterial roads, and should serve as a guideline for reviewing development applications.

92558 Intersection Improvements

These are intersection improvements of a relatively major nature to facilitate traffic flow by increasing the capacity of the intersection. Specific projects in FY 2004/05 will include intersections at Court & Chestnut with various cross streets as deemed necessary following the new bridge opening.

Annual Operating Costs: No significant increase of existing operating costs.

Comprehensive Plan Objective: (6.3) To meet desired level of service standards as set forth in policy 5.5.1.

PARKING

92630 Parking Lot Resurfacing

The project provides for the resurfacing of various City Parking System lots as determined necessary by Public Works Engineering.

Annual Operating Costs: No significant increase in existing operating costs.

92632 Parking Garage Maintenance & Repair

The Garden Avenue and Municipal Services Complex parking garages will require future maintenance and repair. By performing this scheduled maintenance, long-term serviceability and safety issues will be addressed.

Annual Operating Costs: No significant increase of existing operating costs.

PARKING (continued)

92636 Parking Lot Improvements

The project provides for interior improvements, both functional and aesthetic, to all parking system facilities. Parking facility locations will begin with the beach lots and expand to include all parking system facilities and on-street parking. Improvements include items such as brick pavers, parking meters, parking revenue control equipment and sign upgrades.

Annual Operating Costs: No significant increase in existing operating costs.

MISCELLANEOUS ENGINEERING

92822 Miscellaneous Engineering

Establishes a project to provide funding for miscellaneous contractual services related to new road construction, public transit facilities, storm drainage, rights-of-way, sidewalks, drainage structures, signal installation, or landscaping including unplanned requests by other departments.

Annual Operating Costs: No increase in operating costs.

PARK DEVELOPMENT

93203 Carpenter Field Infrastructure Repairs and Improvements

This project provides for the phased repairs and improvements needed at the Carpenter Field Complex, including fence replacement, field renovations, building repairs, parking lot restructuring, entryway improvements, etc. This project will allow for the Carpenter Complex to be maintained in a major league professional manner.

Annual Operating Cost: No additional operating expenses.

Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

93204 Concrete Sidewalk, Pad Repairs & Replacement

This project will provide for the removal and replacement of damaged concrete sidewalks, pads and courts in various parks around the City as well as provide for new sidewalks for safety reasons. FY 2004/05 funding may provide for improvements at Forest Run Park, Crest Lake Park, Montclair Park and other passive parks.

Annual Operating Costs: No additional increase in operating costs.

Comprehensive Plan Objective: (24.1) Improve the public's access to parks and recreation sites.

93205 Community Sports Complex Infrastructure Repairs and Improvements

This project provides for the phased repairs and improvements needed at the Community Sports Complex according to the JPA between the City of Clearwater and the Phillies. This project will allow for the Community Sports Complex to be maintained in a manner to meet current major league professional standards.

Annual Operating Cost: No additional operating expenses.

Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

PARK DEVELOPMENT (continued)

93210 Memorial Causeway Landscape/Beautification

This project will provide for the landscape, irrigation and beautification of the ~~entire~~ Memorial Causeway project starting from the County parking lots at Oak Avenue and running west to the small bridge leading to Clearwater Beach. This project consists of several sub projects, which can be considered separately or as one project and can be phased in over a period of several years. The projects identified are as follows: County parking lot renovation and repairs and beautification (per agreement), landscaping east and west approaches to the new bridge, replace ligustrum trees on Causeway medians, irrigate rights-of-way, retop existing bicycle trail, remove exotics along Causeway, investigate issues to provide site lines, and beautify and secure area under west portion of bridge.

Annual Operating Cost: As an overall project, there will be relatively small increases due to the fact that the majority of this area is currently being maintained by Parks and Beautification. An increase will be needed for additional irrigation supplies and increased utilities cost. Approximate operating costs of \$18,000.

Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service. (24.1) Improve the public's access to parks and recreation sites.

93213 Park Amenity Purchase, Repair & Replacement

This project will provide for the purchase, repair and replacement of such items as park identification signs, rules signs, park benches, trash receptacles, water fountains, grills, basketball goals, soccer and football goals, bleacher systems, bridges and the like, at various Parks & Recreation facilities and sites.

Annual Operating Costs: No additional costs since this is for maintenance purposes only.

Comprehensive Plan Objective: (24.1) Improve the public's access to parks and recreation sites.

93214 Long Center Playground

This project provides for the replacement of the existing Leathers playground at The Long Center. The wooden playground has been a tremendous success over the years however due to wear and tear and the cost of repairs the playground needs to be replaced. In order to do so and meet the ever-growing need to supply accessible playgrounds the city proposes to construct a new Boundless Playground. This playground will better accommodate the needs of our challenged populations. This project will once again be a joint effort with the County, residents and volunteer groups.

Annual Operating Cost: No additional operating expenses

Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

93229 Tennis & Basketball Court Resurfacing

The project includes regularly scheduled resurfacing of tennis and basketball courts to prevent deterioration of same. Tennis courts scheduled to be resurfaced in FY 2004/05 include Clearwater Beach Recreation Center and Martin Luther King. Basketball courts scheduled include Clearwater Beach Recreation Center and Cypress Point.

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: (24.1) Improve the public's access to parks and recreation sites.

PARK DEVELOPMENT (continued)

93230 Playground & Fitness Equipment Purchase & Replacement

Phased replacement of major playground equipment and new equipment at the City's 31 playgrounds is included in this project along with appropriate safety resilient surfacing. Playgrounds to be replaced in FY 2004/05 include, but not limited to Wood Gate Park. This project also includes phased replacement of fitness court equipment. As equipment is added and/or replaced, it is evaluated to assure it meets ADA requirements.

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: (24.1) Improve the public's access to parks and recreation sites.

93262 Fencing Replacement Program

The project includes phased replacement of old, worn out and rusted fencing at the various recreation sites. The largest amount of fencing to be replaced on an annual basis exists at the 50 ballfields, which includes backstops and dugout fencing. Fence replacement in FY 2004/05 may include, but not be limited to: Sid Lickton Complex.

Annual Operating Costs: No increase in existing operating costs.

93269 Light Replacement and Repair

The project includes the phase relamping program and replacement and repair of lighting systems including light fixtures, poles, service panels, and wiring at various Parks & Recreation sites. Project may include, but not be limited to, the following locations in FY 2004/05: relamp EC Moore #5, 6 & 7 and McMullen Tennis Complex, upgrade from wood poles to concrete light poles at various locations, electrical service at Montclair, Woodgate and Wood Valley.

Annual Operating Costs: No increase in existing operating costs.

93271 Swimming Pool Renovations & Repairs

This project will provide for the renovation and enhancement of the various pools in the City, for facility improvements, leisure pool enhancements such as slides, sprays, activity pools and long-term maintenance such as marcing and repair of gutters, tile, and decking. (FY 2004/05 marcing, pool repairs new decking and activity pool at Norton.)

Annual Operating Cost: No significant increase of existing operating costs when maintenance repairs done however the addition of an activities pool at Norton will increase operating costs by approximately \$4,000 per year, which can be offset by increased revenue.

Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

93272 Recreation Trails

This project provides for the construction of recreation trails throughout the city for walking, jogging, inline skating and bicycling. Will provide matching funds to obtain millions of dollars for bike/recreational trail projects. May include but not be limited to projects such as Memorial Causeway, Turner Street, and Landmark Trail. Penny funding for FY 2004/05 is needed to improve East West Trail from Carpenter Field to the Long Center.

Annual Operating Cost: Additional operating cost as each trail is added. Approx. \$5,000 for every mile of trail.

Comprehensive Plan Objective: (24.3) To correct deficiencies in the supply of core system parkland and facilities (24.3.8). (28.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

PARK DEVELOPMENT (continued)

93273 Restrooms on Clearwater Beach

This project will provide for the renovation and/or replacement of the four six pack public rest room facilities on Clearwater Beach. These facilities have served the public well however due to the type of construction and weathering they are in need of major renovations. Currently there are no public changing facilities on Clearwater Beach. The renovated facilities will include restrooms, and changing areas similar to those constructed in Pinellas County Parks.

Annual Operating Cost: A slight increase of approximately \$4,800 in utility and cleaning costs due to the size and expanded operations of these facilities.

Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

93274 Parks & Recreation Technology Upgrades

This project includes several technology upgrades to make the Parks and Recreation Department more customer friendly and increase productivity and response time to the public. Projects include the upgrade and new hardware to handle the photo card system and a new class registration/scheduling system and the upgrade of all cash registers to a point of sale system that will communicate directly with the finance department.

Annual Operating Cost: Annual debt service of approximately \$15,000.

Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

93277 Harborview Infrastructure Repairs & Improvements

This project provides for the phased repair and replacement of capital items at the Harborview Center. In order to keep this facility as a quality and successful Convention facility, a program of capital improvement repairs and replacements will need to occur each year (i.e. replacement of carpeting, air conditioner replacements, equipment replacement, painting, repair roof leaks, etc.). Projects for FY 2004/05 may include the repair and replacement of the parking deck and roof leaks.

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

93278 Long Center Infrastructure Repairs

This project will provide for the replacement and repairs of various capital items at the Long Center. This capital project replaces the annual sinking fund included in the past Long Center agreement with the City. Some of the infrastructure items that will need to be repaired or replaced include furnishings, equipment, pool, etc.

Annual Operating Costs: No significant increase of existing operating costs when maintenance repairs done.

Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

93286 Parking Lot/Bike Path Resurfacing/Improvements

The project includes regularly scheduled resurfacing of parking lots and bicycle paths to prevent deterioration and minor improvements to parking lots and bicycle paths being resurfaced.

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: Improve the public's access to parks and recreation sites.

PARK DEVELOPMENT (continued)

932xx Harbor Bluff Waterfront Park

This project includes the redevelopment of the Bluff along Clearwater Harbor. Possible components include a festival marketplace/theater and a marina. The project will include significant impervious surface removal including parking lots and portions of Cleveland Street and Drew Street.

Annual Operating Costs: Dependent on components.

932xx Morningside Recreation Center Replacement

This project provides for the renovation and construction of a new recreation center at Morningside Recreation Complex. The current center is a 1960's renovated restaurant and bar. The type of programs and activities being requested by the residents and public require that the new center be constructed. Cost of maintaining the current facility continues to rise.

Annual Operating Costs: An additional \$100,000 will be required for new personnel (1.5 FTE's) and increased utility costs.

Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

932xx Parks & Beautification Infrastructure Complex

This project will provide for the construction of a new maintenance complex to house the Parks and Beautification group of the Parks and Recreation Department. The complex will consolidate the functions of the P & B Division into one site. Currently the group is housed in three main areas: Vine Street Complex, Electrical Field Office on Madison Avenue and the old Nursery on Saturn Avenue. These facilities are old and in need of replacement and are located in residential areas. Consolidation will make the division more effective and efficient. First year funding will be used for planning purposes with the remainder of capital funding of \$2.85 million coming in FY 2008/09.

Annual Operating Costs: No significant increase since three facilities are being combined into one.

Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

932xx Jack Russell Stadium Infrastructure Repairs and Demolition

This project will provide for the future demolition of the Stadium if it is decided to eliminate the stadium.

Annual Operating Cost: No additional operating costs.

Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

PARK DEVELOPMENT (continued)

932xx Joe DiMaggio Sports Complex Field House Infrastructure Repairs & Demolition

This project will provide for either the repair and/or demolition of the Sports Complex Field house if the City purchases this facility from Saint Petersburg College. If the City is successful in purchasing the facility, then a decision will need to be made either to demolish the entire structure or keep some of the facility (gymnasium) open. If the gymnasium is to remain, then air conditioning systems need to be replaced as well as major roof repairs are needed. In addition some demolition of the existing structure would take place to reduce future maintenance.

Annual Operating Cost: No additional operating costs since operations currently exist there, reductions if building is demolished or not purchased.

Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

MARINE FACILITIES

93413 Utilities Service Replacement

The project provides for continuous repair and/or replacement of deteriorated electrical wiring, and water service at the City's Municipal Marina and Island Estates Marina; to continue to maintain the City-owned marinas in usable condition.

Annual Operating Costs: No increase in existing operating costs.

93429 Dock R & R

The project provides for continuous repair and/or replacement of deteriorated docks at municipal docking facilities and Island Estates Marina, utilizing the Marine Services section and equipment to continue to maintain City owned marina in usable condition.

Annual Operating Costs: No significant increase in existing operating costs.

93490 Fuel System R&R

The project provides for continuous repair and/or replacement of deteriorated fuel lines, dispenser and underground pollutant storage tanks at the municipal marina, utilizing contractors to continue to maintain city-owned marina fuel system in usable condition.

Annual Operating Costs: No significant increase in existing operating costs.

93494 Fuel Tank Replacement

This project provides for the replacement of environmentally antiquated fuel tanks at the Marina. Federal environmental regulations mandate this be completed by 2007. The anticipated actual replacement is planned for 2005/06.

Annual Operating Costs: No significant increase in existing operating costs.

93496 Marine Facility Dredging & Maintenance

This project is a combination of the former "Waterway Maintenance" and "Seminole Ramp Dredging" projects. This project will provide funding for any facility that the Marine & Aviation Department is responsible for that requires maintenance and/or dredging. This includes such things as replacement of City-owned aids for navigation and informational signs; removal of derelict vessels, etc.; procurement of piling and sign material to fabricate signage and buoys utilizing Marine Services staff; procurement of equipment to continue to maintain waterways in a usable condition; repairs/replacement of floating docks, ramps and pilings. This project will also fund dredging of areas that the Marine & Aviation Department is responsible for to allow for continued safe and usable condition at City owned docks.

Annual Operating Costs: No increase in operating costs.

CAPITAL PROJECT SCOPE

MARINE FACILITIES (continued)

93497 Docks & Seawalls

This is a continuous maintenance program to keep the City's several thousand feet of seawalls at street ends and docks, other than at Marina facilities, in good repair.

Annual Operating Costs: No increase in operating costs.

93499 Pier 60/Sailing Center Maintenance

This project provides funding for the continuous repair and/or replacement of electrical services, water service, fire protection equipment and structural components of the Pier and Sailing Center.

Annual Operating Costs: No increase in operating costs.

AIRPARK FACILITIES

94817 Airpark Maintenance & Repair

This project will provide funding for maintenance and repairs at the Clearwater Airpark.

Annual Operating Costs: No increase in operating costs.

LIBRARIES

93527 Books & Other Library Materials

This project is for the acquisition of books, periodicals, and other library materials for the Main, East, Countryside, Beach, and North Greenwood Libraries. The Pinellas Public Library Cooperative provides annual funding, some of which will be used in FY 2004/05 to purchase library materials to serve county residents using City libraries.

Annual Operating Costs: No significant increase in existing operating costs.

GARAGE

94232 Radio User Equipment Replacement Program

This on-going project will fund a program to phase in the replacement of the old portable radios, mobile radios, control stations, accessories and options (such as radio chargers, spare batteries, belt clips, etc). Existing analog radios and accessories will be replaced with digital technology capabilities on an as needed basis. Most radios currently being used are over 10 years old and have exceeded their life expectancy.

Annual Operating Costs: Contractual services will increase each year based on the CPI and debt payments of approximately \$43,000 for FY 2004/05 purchases; \$32,600 for FY 2005/06 purchases and debt cost in future years based on purchases and then current debt rates.

94233 Motorized Equipment Replacement – Cash

This project is for the replacement of motorized vehicles and equipment estimated to cost less than \$20,000 per vendor per transaction. The equipment is for all City Departments, responsible for all City business. Future years are based on a projected increase of approximately 5% per annum.

Annual Operating Costs: No significant increase in existing operating costs.

CAPITAL PROJECT SCOPE

GARAGE (continued)

94234 Motorized Equip Replacement - Lease/Purchase

This project is for the replacement of motorized vehicles/equipment estimated to cost in excess of \$20,000 per vendor per transaction. The equipment is for all City Departments, responsible for all City business. Future years are based on a projected increase of approximately 5% per annum.

Annual Operating Costs: Annual debt service expense to be funded by the Garage Fund.

MAINTENANCE OF BUILDINGS

94510 Air Conditioners-City-Wide Replacements

The project provides for the replacement of several air conditioning systems that are in need of replacement due to age, deterioration, and excess energy usage. For FY 2004/05: Fire Station 46, Kings Highway Recreation, Fire Maintenance Shop, Nursery, Parks Electrical, Life Guard Building, Parks Beautification West, Phillip Jones Park, Carpenter Field, Long Center, Miscellaneous Small Units, Fleet Maintenance, and Pump Station #58

Annual Operating Costs: No increase in existing operating costs.

94512 Roof Repairs

The project includes roof repair of various City buildings as needed to prevent water damage to interiors of buildings. For FY 2004/05: MSB, Moccasin Lake, Morningside Recreation, Countryside Pistol Range, and Long Center.

Annual Operating Costs: No increase in existing operating costs.

94514 Roof Replacements

This project includes roof replacements of various City buildings. For FY 2004/05: Recreation Program Storage, Fire Station #50, Beach Restroom Buildings, and Traffic Engineering Shop.

Annual Operating Costs: No increase in existing operating costs.

94517 Painting of Facilities

This project includes scheduled painting and water proofing of City facilities. In FY 2004/05: Belmont & Crest Lake Parks, Countryside Community Park Storage, Countryside Sports Plex, Del Oro Park, Kings Highway Recreation, Wood Valley Recreation, Wood Valley & Greenwood PD, Countryside PD, Fire 47 & 50, Sailing Center, MSB (seal precast panels), Fire Maintenance Building, East Library, City Hall, Infrastructure Compound and Reservoir #2.

Annual Operating Costs: No increase in existing operating costs.

94518 Fencing of Facilities

This project provides for the replacement of worn and unusable fencing on City properties. In FY 2004/05: Gas Complex Entrance.

Annual Operating Costs: No increase in existing operating costs.

94519 Flooring for Facilities

This project includes the scheduled replacement of worn or damaged flooring. In FY 2004/05: Countryside Library, East Library, Carpenter Field, Countryside PD (tile), and Miscellaneous Small Replacements.

Annual Operating Costs: No increase in existing operating costs.

MISCELLANEOUS

94736 Geographic Information System

This project has been established to link location based data from the City's numerous databases in an enterprise geographic information system (GIS). The development of a GIS will greatly increase the accessibility of infrastructure, capital asset, and customer information through an intuitive map-based query application. The system will also enable public and private access to mapped information via the Internet. Funding includes costs for hardware and software, as well as data collection and data conversion services. In FY 2004/05 funding is planned for the replacement of hardware.

Annual Operating Costs: Annual debt service.

94761 Pollutant Storage Tank Removal/Replacement - General Fund

This project is proposed to keep the City's pollutant storage tank locations in compliance with the current Florida Department of Environmental Protection Pollutant Storage Tank Rules, and to reduce the potential risk of groundwater contamination. Expenses from this fund include tank maintenance, repair, replacement and routine expenses related to tank insurance and compliance, and fees associated with emergency spill response.

Annual Operating Costs: No significant increase in existing operating costs.

94801 Tidemark Upgrade

In FY 2006/07 funding is planned for the replacement of the hardware.

Annual Operating Costs: Approximately \$40,000 per year for maintenance.

94803 Environmental Assessment & Clean-up

This project has been established to provide a funding source for the assessment and remediation of contaminated sites owned or acquired by the City. This project is intended to meet the current state requirements set forth in Chapters 62-761, 62-770 and 62-777 of the Florida Administrative Code, requiring the City to meet mandatory target clean-up levels. This requires mandatory target clean-up levels of sites where contamination could affect a potable water supply or could pose a health or safety risk to the public. This program also reduces the potential risk of off-site contamination to private property and the potential for third party liability claims against the City.

Annual Operating Costs: Not determinable as they are a direct result of site contamination, clean up and on-going monitoring if necessary.

94814 Network Infrastructure & Server Renewal & Replacement

This project will replace network hardware (switches and routers) and upgrade several enterprise system servers on the City's computer network. The City's wide-area network incorporates more than 40 different access locations throughout Clearwater. Much of the infrastructure equipment is aging and not capable of handling the increased volumes of data as the City's computing systems grow. These upgrades will improve performance and efficiency of the network and systems, and enable tiered management of network traffic. The project will also fund the purchase of network and bandwidth management software, a new fiber switch and new router blades.

Annual Operating Costs: Annual debt service to be paid by the Administrative Services Fund.

MISCELLANEOUS (continued)

94824 IT Disaster Recovery

This project will establish on off site business operations center for mission critical systems necessary to maintain City operations (i.e., Finance, Customer Service, asset management, GIS, payroll, etc.). The project will include the purchase of backup equipment to store data and run systems from a remote location, and establish necessary connectivity.

Annual Operating Costs: Annual Debt Service and approximately \$6,000 per year for electrical service.

94826 Electronic Meter Reading Replacement

This project provides funding for the replacement of the existing Itron Enterprise 5000 meter reading system. The system will not be supported after March 2006. This system is needed to bill for water, sewer and gas.

Annual Operating Costs: Debt service to be paid by the Administrative Services Fund.

94827 Telecommunications Upgrades

This project will provide funding for the upgrade of telecommunications equipment including Nortel switches, handsets and software.

Annual Operating Costs: Annual debt service to be paid by the Administrative Services Fund.

94828 Financial Systems Upgrades

This project provides funding to keep the financial systems (PeopleSoft, Ross & Risk Management) up-to-date, operating at optimum condition and to pay for upgrades as needed. This project encompasses hardware, software and professional services.

Annual Operating Costs: No increase in operating costs.

94829 CIS Upgrades & Replacement

This project provides funding for upgrades and the eventual replacement of the Customer Information System (CIS). This system supports City utilities.

Annual Operating Costs: No increase in operating costs.

94830 MS Licensing/Upgrade

This project is being established to prepare for the eventual replacement of Microsoft's desktop operating and office tools software. In 2002, Microsoft changed its software licensing structure, which mandated version upgrades and establishment of an annual maintenance fee to ensure upgrade licensing. A cost analysis of compliance with these changes revealed that the City would have to either incur an annual operating increase of \$300,000 for maintenance, or plan for the eventual replacement of the software once Microsoft terminated support of the 2000 platform versions (support will terminate in 2007). At this point in time, it is not known what software will be purchased, therefore a cost estimate is being established based upon the purchase of new Microsoft products at today's current prices (approx. \$650 for OS and Office Tools).

Annual Operating Costs: No increase in operating costs.

MISCELLANEOUS (continued)

948xx HR PeopleSoft Implementation (formerly HR Peoplesoft Upgrade)

This project provides funding for the implementation of the City's currently owned HR portion of the PeopleSoft HRMS module. The FY 2002/03 funding was for Recruit Workforce, which went live January 2004. The following various functionalities included in implementations will be salary administration, position management, tracking of training, monitoring absences, managing competencies, family medical leave administration, career, and succession planning, City of Clearwater customizations of PeopleSoft to provide access to management and employees. The project also includes anticipated funding for future implementations, some of which will include the use of Turnkey Imaging Solution. Some of this will complete the extent of use the City has with the HR module, and therefore will include the purchase of another module, Benefits Administration.

Annual Operating Costs: Maintenance fees are covered in the Information Technology Department charge backs to all user departments. The estimated breakdown of those costs is \$26,730 for maintenance for Benefits Administration.

PUBLIC WORKS/STORMWATER UTILITY

96124 Storm Pipe System Improvements

This project provides for repair and restoration of storm system components to original design capability and for early technical evaluation of stormwater problems necessary to define further project needs. A significant portion will be replacement of existing deteriorating corrugated metal pipe with reinforced concrete pipe.

Annual Operating Costs: Minimal impact.

Comprehensive Plan Objective: (16.1) To maintain adequate levels of service for stormwater drainage for existing and future populations.

96129 Stevenson Creek Estuary Restoration

This project provides for the development of a passive recreation park and restoration dredge within the estuary portion of Stevenson Creek. This project will remove 180,000 cubic yards of muck, create 3.2 acres of mangrove shelf, reduce odor, increase tidal flushing and provide an improved environment that will encourage fish and wildlife habitation.

Annual Operating Costs: TO BE DETERMINED.

Comprehensive Plan Objective: (17.1) The protection, restoration, and enhancement of water quality associated with Stormwater runoff will be considered a function of the City's overall Stormwater management plan.

96144 Stevenson Creek Implementation Projects

This project provides for the implementation of projects established by the Stevenson Creek Watershed Management Plan to abate severe street and structure flooding, improve water quality, add, restore or upgrade stormwater infrastructure and comply with mandated operation, maintenance and reporting needs.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (16.2.8) City shall begin the phased implementation of water quality and water quantity improvements for Stevenson Creek and other major drainage basins; (17.1.7) The City shall implement all City approved watershed management plans.

CAPITAL PROJECT SCOPE

PUBLIC WORKS/STORMWATER UTILITY (continued)

96149 Storm System Expansion

This project is intended to reduce structure and property flooding through property acquisition where it is also determined that the acquisition will alleviate flooding conditions, is cost effective with a benefit to cost ratio that makes property acquisition a stronger alternative to structural remediation, and the owner is a willing seller. These funds are not to support acquisition through condemnation.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (16.4) Continue the implementation of the most cost effective and efficient plan to reduce the occurrence of street flooding where safety issues and traffic problems exist as prioritized and set forth in the Capital Improvement Element and listed in the stormwater management plans.

96156 Alligator Creek Implementation Projects – Phase II

This project provides for the implementation of projects established by the Alligator Creek Watershed Management Plan to abate severe street and structure flooding, improve water quality, add restore or upgrade stormwater infrastructure and comply with mandated operation, maintenance and reporting needs.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (16.2.8) City shall begin the phased implementation of water quality and water quantity improvements for Alligator Creek and other major drainage basins; (17.1.7) The City shall implement all City approved watershed management Plans.

96157 Power Screener Upgrade

This project provides funding to outfit the power screener with multi-grade screens to separate debris into various sizes.

Annual Operating Costs: Debt service to be paid by the Stormwater Fund and Garage charges.

96158 Transfer Yard Upgrade

This project provides funding to upgrade the Sherwood yard to a Transfer yard with weigh scales.

Annual Operating Costs: No increase in operating costs.

961xx Coastal Basins Improvement

This project provides for the implementation of stormwater improvements within the City's coastal basins. The project will abate severe street flooding and structure flooding, improve water quality, remove, replace and upgrade stormwater infrastructure and comply with mandated operation, maintenance and reporting needs.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (16.2.2) Continue to provide a stormwater management system throughout the City that will afford the most economically feasible protection to residents and property.

961xx Channel Improvements

This project provides for the implementation of stormwater conveyance improvements within the City's tributaries, channels and ditches. The projects will abate channel erosion thus improving the water quality of the downstream receiving waters and comply with mandated operation, maintenance and reporting needs.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (17.1) The protection, restoration, and enhancement of water quality associated with stormwater runoff will be considered a function of the City's overall stormwater management plans.

CAPITAL PROJECT SCOPE

PUBLIC WORKS/STORMWATER UTILITY (continued)

961xx Cooper's Point

This project provides for the development of Coopers Point Park with the addition of educational signage, public parking, construction of boardwalks, walking paths and ongoing maintenance of the park.

Annual Operating Costs: Approximately \$6,000 per year for maintenance.

Comprehensive Plan Objective: (24.4) Preserve natural open space areas, which constitute aesthetic and ecological community assets.

961xx Allen's Creek Improvement Projects

This project provides for the implementation of projects established by the Allen's Creek Watershed Management Plan to abate severe street flooding and structure flooding, improve water quality, remove, replace and upgrade stormwater infrastructure and comply with mandated operation, maintenance and reporting needs.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (16.2.8) The City shall begin the phased implementation of water quality and water quantity improvements for Stevenson Creek and other major drainage basins; (17.1.7) The City shall implement all City approved watershed management plans.

GAS SYSTEM

96358 Environmental Remediation

This project will provide funding for cleaning up the old gas plant site as may be required by the Florida Department of Environmental Protection. The site is located between Jones Street on the south, Maple Street on the north, Myrtle Avenue on the east, and Railroad Avenue on the west. The Florida Department of Environmental Protection will be providing us, at some future date, their requirements for the remediation on the property. Other environmental locations requiring remediation will also be funded from this project, as the requirement is determined. Funding for this will be recovered through the Environmental Imposition Adjustment clause in the Gas System rates.

Annual Operating Costs: No increase in existing operating costs.

96365 Line Relocation Pinellas – Maintenance

This is a continuing project to fund the removal of abandoned gas lines in Pinellas County as required by the State Department of Transportation.

Annual Operating Costs: No increase in existing operating costs.

96367 Gas Meter Change-Out – Pinellas

To provide funding for continually maintaining accurate gas meters in Pinellas County to maximize gas revenues.

Annual Operating Costs: No increase in existing operating costs.

96374 Line Relocation-Pinellas-Capitalized

This is a continuing project to relocate gas mains for road construction and upgrades to the mains. This portion of the project involves work that adds to the value of the gas system and is therefore capitalized.

Annual Operating Costs: No increase in existing operating costs.

CAPITAL PROJECT SCOPE

GAS SYSTEM (continued)

96376 Line Relocation Pasco – Maintenance

This is a continuing project to fund the removal of abandoned gas lines in Pasco County as required by the State Department of Transportation.

Annual Operating Costs: No increase in operating costs.

96377 Pinellas New Mains & Service Lines

This is a project to provide for extension of gas mains and services. Funding of this project will come from available gas system revenues.

Annual Operating Costs: No increase in existing operating costs.

96378 Pasco New Mains & Service Lines

This is a project to provide for extension of gas mains and services. Funding of this project will come from available gas system revenues.

Annual Operating Costs: No increase of existing operating costs.

96379 Gas Meter Change-Out – Pasco

To provide funding for continually maintaining accurate gas meters in Pasco County to maximize gas revenues.

Annual Operating Costs: No increase in existing operating costs.

96381 Line Relocation-Pasco-Capitalized

This is a continuing project to relocate gas main for road construction and upgrades to the mains (based on DOT plans). This portion of the project involves work that adds to the value of the Gas System and is therefore capitalized. This project will continue to accumulate funding in lieu of issuing new bonds.

Annual Operating Costs: No increase in existing operating costs.

96382 Gas Inventory – Work Management System

This project provides funding for an automated inventory system and improvements to the Gas Work Management System.

Annual Operating Costs: No increase in existing operating costs.

96383 Gas Sales Office

This project provides funding to renovate the building at the Myrtle Avenue location for a Sales Office and a Showroom. This project will save rental expense, currently at \$43,000 annually. All other operating costs are offset from one location to the other.

Annual Operating Costs: No increase in existing operating costs (a decrease is projected).

SOLID WASTE

96426 Facility R & R

This project provides for the repair or modification of site and land improvements, buildings, machinery and equipment at the two Solid Waste facilities. Major emphasis on maintenance and extending useful lives of fixed assets is required to ensure minimum downtime. The Transfer Station requires replacement of necessary components to maintain and upgrade the original equipment installed in 1971.

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: (18.3) Continue to provide sound fiscal management for solid waste collection, disposal and recycling as it develops.

SOLID WASTE (continued)

96438 Vehicle Acquisition

This project provides for the acquisition of a seventh roll-off vehicle to service the anticipated growth in our roll-off operations. This vehicle will be acquired when the workload justifies the need.

Annual Operating Costs: Annual debt service expense of approximately \$23,870 for 2004/05 through 2008/09 will be funded by the Solid Waste Fund. The addition of one FTE at \$48,760 will increase each year based on a projected increase of 4% as well as other operating and internal services expenses at approximately \$135,400 are being funded by the Solid Waste Fund.

Comprehensive Plan Objective: (18.3) Continue to provide sound fiscal management for solid waste collection, disposal and recycling as it develops.

96442 Vehicle Replacements

This project provides a reserve for the replacement of solid waste vehicles, maintenance and operating expense (M&O), and automotive equipment on an on-going basis. Planned in FY 2004/05 are no replacements/modifications. Planned for FY 2005/06 is the replacement of a 2000 Mack roll-off vehicle.

Annual Operating Costs: Increase in annual debt service costs of \$23,870 for 2005/06 through 2009/10 to be paid by the Solid Waste Fund.

Comprehensive Plan Objective: (18.3) Continue to provide sound fiscal management for solid waste collection, disposal and recycling as it develops.

96443 Residential Container Acquisition

This project includes the replacement of approximately 5-10% of the 26,800 automated containers in the field, and the acquisition of new automated containers to meet the anticipated less than 1% annual growth of residential customers. Experience indicates that 2,700 containers will be required annually, at a current cost of approximately \$45 each. This also includes cost for replacement parts, when automated containers can be repaired.

Annual Operating Costs: No increase of existing operating costs.

Comprehensive Plan Objective: (18.3) Continue to provide sound fiscal management for solid waste collection, disposal and recycling as it develops.

96444 Commercial Container Acquisition

This is an on-going project for the replacement of roll-off containers/compactors and dumpsters for approximately 3,200 commercial accounts, which entails the replacement of containers damaged or deteriorated during their normal useful life of five years; and the acquisition of additional compactors, roll-offs and dumpsters to meet system growth.

Annual Operating Costs: No increase of existing operating costs.

Comprehensive Plan Objective: (18.3) Continue to provide sound fiscal management for solid waste collection, disposal and recycling as it develops.

964xx Commercial Weight Based Management System

This project provides for the development and implementation of a commercial solid waste system that more equitably charges the commercial customers for the appropriate cost of disposal. Currently, rates for commercial containers (dumpsters) are based on cubic yard capacity while disposal charges are based on weight. With technology being developed and tested now, commercial customers would be charged for their disposal cost based on the actual weight of their refuse when implemented in FY 2006/07.

Annual Operating Costs: Annual debt service costs of \$34,000 for 2006/07 through 2010/11.

Comprehensive Plan Objective: (18.3) Continue to provide sound fiscal management for solid waste collection, disposal and recycling as it develops.

CAPITAL PROJECT SCOPE

PUBLIC WORKS/UTILITIES MISCELLANEOUS

96516 City-Wide Aerial Photography

The Public Works Department maintains a 100% scale atlas of aerial photography, which is updated on the desirable schedule of every four years. The aerial atlas is widely used by the public and many divisions of the City for information and planning. The Engineering Division uses the aerials in conjunction with permitting, construction drawings, and as an important source of historical information. The aerial atlas presently in use was flown in November of 1999.

Annual Operating Costs: None.

96521 Public Works Infrastructure Management System

This project provides funding for GIS based facilities management system for Public Works Administration.

Annual Operating Costs: Approximately \$42,000 per year in personal services and increasing approximately 5% each year thereafter.

96523 Public Utilities Administration Building R&R

This project provides funding for the building and equipment upgrades for the Public Utilities Complex to include the Public Utilities Administration Building, Motor Shop, Meter Shop and Supervisors Building.

Annual Operating Costs: No increase in operating costs.

965xx Public Works Complex Building

This project provides funding for the construction of an additional office building at the Public Works Complex on Arcturas Avenue. It is the intent to consolidate all Public Works functions at this complex.

Annual Operating Costs: Approximately \$5,000 per year for utility costs.

PUBLIC WORKS/SEWER SYSTEM

96610 Portable Generator Sets

This project provides funding to purchase four portable generator sets. These generators will provide temporary power to pump stations. Generators will be purchased as follows: in FY 2004/05 one 75-kw generator.

Annual Operating Costs: Debt service costs of approximately \$45,120 in FY 2004/05, 2005/06, 2006/07 and approximately \$8,000 for fuel/parts.

96611 Bio-Solids Treatment

This project provides funding for the rehabilitation of the anaerobic digesters and associated equipment at the Northeast and Marshall Street WWTPs.

Annual Operating Costs: Anticipate a \$475,000 increase in sludge hauling costs in FY 2004/05 for a total cost of \$1,500,000; a \$509,000 increase in FY 2005/06 for a total cost of \$2,009,000 and a \$509,000 increase in FY 2006/07 (and thereafter) for a total cost of \$2,418,000.

Comprehensive Plan Objective: (14-2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

PUBLIC WORKS/SEWER SYSTEM (continued)

96615 Odor Control

This project provides funding for the installation of Hydrogen Sulfide Scrubbers (Bio-Cubes) at Marshall Street and Northeast WWTP's. The project also provides for the enclosure of channels/tanks to minimize air volumes for treatment.

Annual Operating Costs: Approximately \$33,000 for chemical costs.

Comprehensive Plan Objective: (14-2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

96616 WPC Internal Recycle Modifications

This project provides funding for the modifications to the Northeast and Marshall Street Internal Recycle Systems. This will allow recycle flows to be redirected to the head end of the fermentation tanks.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (14-2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

96618 WPC UV Lightning Protection

This project provides funding for the installation of yard lightning protection system at Marshall St. plant similar to system at East WWTP.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (14-2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

96630 Sanitary Sewer Extensions

This project provides new sanitary sewer service to residents within the City of Clearwater service area.

Annual Operating Costs: No significant increase in existing operating costs.

Comprehensive Plan Objective: (14.1) To maintain adequate Levels of Service for existing and future populations.

96634 Sanitary Utility Relocation

The project provides funding for the relocation of sanitary sewer infrastructure to accommodate roadway improvements by Florida DOT, Pinellas County, and the City of Clearwater. Projects include: US 19 (NE Coachman to Sunset Point), US 19(Sunset Point to Countryside Blvd), Alternative 19 (Drew Street to Monroe Street), Myrtle Avenue, McMullen Booth @ SR 590, McMullen Booth @ Drew Street, Belleair Road @ Keene Road, Druid Trail, SR 60/Memorial Causeway (east of Island Way to Ft. Harrison) and SR 60 (Fredrica Ave to Highland Avenue).

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: (14.1) To maintain adequate Levels of Service for existing and future populations.

PUBLIC WORKS/SEWER SYSTEM (continued)

96645 Laboratory Upgrade and R&R

The project provides for the repair, replacement and upgrade of the existing laboratory instrumentation including gas chromatograph, atomic absorption and auto analyzer instruments to meet state and federal testing requirements for wastewater, biosolids, reclaimed water, and environmental monitoring, stormwater treatment and potable water. The project will also be utilized to equip the new consolidated laboratory.

Annual Operating Costs: No increase of existing operating costs.

Comprehensive Plan Objective: (14.1) To maintain adequate Levels of Service for existing and future populations.

96654 Facilities Upgrade & Improvement

The project provides funding for future improvement and upgrades at the City's three AWT plants and biosolids facility.

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: (14.2) - The City shall continue to produce advanced wastewater treatment improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

96664 Water Pollution Control R & R

The project provides for the design, repair, rehabilitation, and replacement of Water Pollution Control Plant and biosolids facility items such as sludge chains, pumps, motors, associated plumbing, instruments, and minor facility repair to return or maintain the Water Pollution Control facilities to or at designed capability.

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: (14.1) To maintain adequate Levels of Service for existing and future populations.

96665 Sanitary Collect & Transmission R & R

The project provides general system-wide condition inspection, rehabilitation, and new appurtenances.

Annual Operating Costs: No increase of existing operating costs.

Comprehensive Plan Objective: (14.1) To maintain adequate Levels of Service for existing and future populations.

96670 Pollutant Storage Tank R & R – WPC

This project provides for the systematic replacement of below ground tanks and maintenance of new above ground tanks at all water pollution control plants.

Annual Operating Costs: No significant increase of existing operating costs.

Comprehensive Plan Objective: (14.1) To maintain adequate Levels of Service for existing and future populations.

96686 Pump Station Replacement

This project provides funding to inspect, rehabilitate or replace existing pump stations systems, their related force mains and telemetry systems to adhere to current industry and regulatory requirements.

Annual Operating Costs: No significant increase to existing operating costs.

Comprehensive Plan Objective: (14.2) The City shall continue to produce advanced wastewater (AWT) improvements at all water pollution control facilities in accordance with Florida Department of Environmental Protection (DEP) and US Environmental Protection Agency (EPA) requirements; (14.2.4) Continue to develop a sewage treatment system which will minimize energy, water, and other resource needs in order to preserve these valuable resources.

CAPITAL PROJECT SCOPE

PUBLIC WORKS/SEWER SYSTEM (continued)

966xx NE Thermal Dryers

This project provides for the installation of biosolids dryers and the disposal of dried biosolids to meet FDEP and EPA Class A regulations.

Annual Operating Costs: None

Comprehensive Plan Objective: (14-2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

966xx Liquid Disinfection

This project provides funding for the conversion from gas to liquid chlorination and dechlorination at the East and Marshall Street WWTP's. This is for use for chlorinating reclaimed water and also for maintenance doses at the WWTP unit processes.

Annual Operating Costs: Approximately \$60,000 for chemicals.

Comprehensive Plan Objective: (14-2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

966xx WPC Generator Replacements

This project provides funding for the replacement of the backup generators (two per year) at the East, Marshall Street and Northeast WWTP's.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (14-2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

966xx WPC Headworks

This project provides funding for the replacement of the de-gritter system, barscreens and preliminary equipment and the rehabilitation of the channels at the East, Marshall Street, and Northeast WWTP's.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (14-2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

966xx WPC New Presses

This project provides funding for the replacement of four Belt Filter Presses at the Marshall Street and Northeast WWTP's.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (14-2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

966xx WPC Aeration Improvements

This project provides funding for the modification/separation of the aeration supply/delivery system at the Marshall Street Plant. This includes new blowers, fine-bubble diffused aerations system and submersible mixers.

Annual Operating Costs: Anticipate \$56,000 decrease due to improved horsepower efficiency in smaller blowers.

Comprehensive Plan Objective: (14-2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

CAPITAL PROJECT SCOPE

PUBLIC WORKS/SEWER SYSTEM (continued)

966xx WPC New Blending Tanks

This project provides funding for the rehabilitation of the Bio-solids Blending Tanks at the East, Marshall Street and Northeast WWTP's.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (14-2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

966xx WPC East Bypass and Northeast Pump

This project provides funding for modifications for East WWTP Anoxic Tank Bypass System, the installation of a pump station for the existing effluent reject tank at the Northeast WWTP for year FY 2006/07, and RAS Pump Station improvements and upgrading of the second anoxic flow split at Northeast in year 2008/09.

Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (14-2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

966xx WPC UV Disinfection

This project provides funding for the installation of UV disinfection systems at all three plants, including lamps systems and electrical modifications.

Annual Operating Costs: Approximately \$310,000 for electrical costs.

Comprehensive Plan Objective: (14-2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

PUBLIC WORKS/WATER SYSTEM

96721 System R & R – Maintenance

This is an on-going program relating to maintenance, repair or replacement of water mains, service lines, valves, fire hydrants, miscellaneous equipment, and damaged facilities. Work involves maintenance, repair and replacement of facilities that does not involve upgrading.

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: (18.3) Continue to maintain the water system in a safe, sound and efficient manner on a daily basis.

96739 Reclaimed Water Distribution System

This project provides for the continued expansion of the City's Reclaimed Water System based on the Reclaimed Water Master Plan.

Annual Operating Costs: In 2004/05 as projects for Del Oro, Morningside, 7.5 MG Storage, Skycrest, Coachman & Aquifer Storage and Recovery are completed, beginning in 2006/07 and each year thereafter (through 2009/10), personal services costs and equipment will be added at an estimated annual cost of \$65,000 (plus inflation) in FY 2004/05 and 2005/06. This will increase to \$70,000 (plus inflation) starting in FY 2006/07.

Comprehensive Plan Objective: (18.2) To provide adequate quantities and qualities of water services to all customers in the Clearwater service area; for the City's water system to be compatible with the environment; and also seek to conserve and protect sensitive natural resources.

CAPITAL PROJECT SCOPE

PUBLIC WORKS/SEWER SYSTEM (continued)

96740 Water Supply and Treatment

This project provides funding for maintenance, replacement, and expansion of supply facilities. As a result of the wellfield management plan, it is anticipated that the City will eventually increase production of its potable water supply wells. Annual Operating Costs: No increase in operating costs.

Comprehensive Plan Objective: (18.2) To provide adequate quantities and qualities of water services to all customers in the Clearwater service area; for the City's water system to be compatible with the environment; and also seek to conserve and protect sensitive natural resources.

96741 System R & R – Capitalized

This project involves the repair and replacement of water mains, service lines, valves, fire hydrants, facilities, equipment, etc. that are upgraded during the repair/replacement process. Funding for capitalized labor, equipment and material for in-house work is included.

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: (18.3) To continue to maintain the water system in a safe, sound and efficient manner on a daily basis.

96742 Line Relocation – Capitalized

This is an on-going project to relocate water mains and related facilities conflicting with public works projects of various governmental entities and which are upgraded during relocation. Funding for capitalized labor, equipment and material for in-house work is included. Planned work includes US 19 (Coachman to Sunset Point), Alternate 19 (Drew Street to Monroe Street), Drew Street (Mariva to Jupiter), Bayshore/SR 60, Glen Oaks improvements, ~~and~~ Myrtle Avenue utility improvements, McMullen Booth @ SR 590, McMullen Booth @ Drew Street, Belleair Road @ Keene Road, Druid Trail, SR 60/Memorial Causeway (east of Island Way to Ft. Harrison) and SR 60 (Fredrica Avenue to Highland Avenue).

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: (18.4) To provide sound fiscal management for the operation and maintenance for potable water service in the City's service area.

96743 Meter/Backflow Replacement/Change-Out

This is an ongoing project to repair/replace water meters, backflow prevention devices, and accessories to assure accurate flow measurement, maximum revenues, and proper operation.

Annual Operating Costs: No increase of existing operating costs.

Comprehensive Plan Objective: (18.3) Continue to maintain the water system in a safe, sound and efficient manner on a daily basis.

96744 System Expansion

This project provides funding and capitalizes Water Division labor, equipment and material expenses relating to additions to Clearwater's distribution system, including new meters, backflow prevention devices, main extensions, etc. Location of work areas is determined by customer demand.

Annual Operating Costs: No significant increase of existing operating costs.

Comprehensive Plan Objective: (18.2) To provide adequate quantities and qualities of water services to all customers of the Clearwater service area.

CAPITAL PROJECT SCOPE

PUBLIC WORKS/WATER SYSTEM (continued)

96752 Water Service Lines

This project is to upgrade the City's existing galvanized water service lines that are in poor condition.

Annual Operating Costs: None.

Comprehensive Plan Objective: (18.2) To provide adequate quantities and qualities of water services to all customers of Clearwater.

96757 Water Pick-up Trucks

This project provides funding for the purchase of seven additional 1 ton pick-up trucks. The vehicles will be used to perform required annual inspections of the Reclaimed Water System as contained in the Reclaimed Water Master Plan in years 2005-2010.

Annual Operating Costs: Debt service costs of approximately \$13,020 in FY 2004/05 and increasing approximately \$6,500 each year thereafter; garage charges of approximately \$7,000 in FY 2004/05 and increasing \$3,500 each year thereafter; and personal services of approximately \$32,500 beginning in FY 2006/07.

96759 Water Main Phases 15-16-17

This project is the last of a series designed to upgrade the City's water distribution system. The upgrades are necessary due to insufficient capacity and/or poor condition of the existing system.

Annual Operating Costs: No increase of existing operating costs.

Comprehensive Plan Objective: (18.2) To provide adequate quantities and qualities of water services to all customers of Clearwater.

96760 Elevated Water Tanks Upgrade

This project provides funding for the renovation and related distribution system work for water quality and fire protection concerns.

Annual Operating Costs: Approximately \$32,000 starting in FY 2006/07 and increasing each year thereafter based on inflation for electrical power and maintenance costs.

Comprehensive Plan Objective: (18.3) Continue to maintain the water system in a safe, sound and efficient manner on a daily basis.

96761 Telemetry for Wells

This project provides funding for the purchase of a Supervisory Control and Data Acquisition (SCADA) telemetry system. This SCADA system will provide real time monitoring and control of the City's wells, treatment plants and points of interconnection to the County.

Annual Operating Costs: Approximately \$45,300 for replacement parts and general maintenance.

Comprehensive Plan Objective: (18.3) Continue to maintain the water system in a safe, sound and efficient manner on a daily basis.

96762 Water Generators

This project provides funding for the purchase of six emergency portable generators, which will be used to provide auxiliary power to the water production wells during a prolonged power failure. The project also provides funding for a permanent standby generator replacement/upgrade at Reservoir 3 to meet FDEP rules for standby power for average day demands. This will be completed at the end of December 2005.

Annual Operating Costs: Approximately \$8,000 for fuel/parts and \$21,700 in debt costs.

Comprehensive Plan Objective: (18.3) Continue to maintain the water system in a safe, sound and efficient manner on a daily basis.

CAPITAL PROJECT SCOPE

PUBLIC WORKS/WATER SYSTEM (continued)

96763 Wellfield Expansion

This project provides funding for the expansion of the City's current potable water wellfield. This expansion will provide the potential for an increased local water production by one million gallons per day (MGD), thus reducing our dependence on the regional supply.

Annual Operating Costs: Approximately \$48,000 for operating and maintenance cost including chemicals and utilities.

Comprehensive Plan Objective: (18.2) To provide adequate quantities and qualities of water services to all customers of Clearwater.

96764 Reverse Osmosis Plant Expansion – Reservoir #1

This project provides funding for the expansion of the City's existing RO plant and adding one MGD in water production. This includes wells, raw water piping and plant equipment.

Annual Operating Costs: Approximately \$523,400 beginning in 2011.

Comprehensive Plan Objective: (18.2) To provide adequate quantities and qualities of water services to all customers of Clearwater.

967xx Water Meter Testing Equipment

This project provides the funding to replace the existing, worn-out meter testing benches with new test benches. These benches are used to calibrate water meters.

Annual Operating Costs: Debt service costs of approximately \$10,220.

967xx Water Quality Monitoring Devices

This project provides the funding for real time monitoring of drinking water in the distribution system of our service area. Monitoring will allow for early detection of water quality upsets or contamination, and provide for early action.

Annual Operating Costs: Approximately \$10,000 per year for operating supplies.

Comprehensive Plan Objective: (18.3) Continue to maintain the water system in a safe, sound and efficient manner on a daily basis.

967xx Reverse Osmosis Plant at Reservoir #2

This project provides funding for brackish wells, three MGD brackish RO Plant with brine disposal to Tampa Bay. In addition to the proposed budget of \$4,960,480 included in this Six Year Plan, it is anticipated that at least another \$17 million in construction costs will be proposed in 2011/12.

Annual Operating Costs: Approximately \$1,924,500 beginning in 2013.

Comprehensive Plan Objective: (18.2) To provide adequate quantities and qualities of water services to all customers of Clearwater.

RECYCLING

96804 Recycling Container Acquisition

This project provides for the purchase and replacement of recycling bins, carts/containers and dumpsters for the City's three Recycling Programs - Residential, Multi-Family, and Commercial.

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: (18.3) Continue to provide sound fiscal management for solid waste collection, disposal and recycling as it develops.

RECYCLING (continued)

96805 Recycling Expansion, R&R and Participation Programs

This project promotes participation in recycling and sustains processing and marketing as well as the profitability of the three recycling programs. State Grant funds that assisted in establishing this project are no longer available. In FY 2004/05, funding will provide partial resurfacing of the processing floor and loading dock in the Processing Center. In FY 2005/06, funding will provide for the final resurfacing of the loading floor and dock. In FY 2006/07, funding will be used to replace the truck scale system and upgrade drainage improvements. In FY 2007/08, funding will replace the aluminum can crusher/blower and partially replace the concrete barriers at the Processing Center. In FY 2008/09, funding will provide for the placement of dividers/partitions at the Processing Center; and in FY 2009/10, funding will provide for shelter maintenance and loading dock repairs.

Annual Operating Costs: No increase in existing operating costs.

Comprehensive Plan Objective: (18.3) Continue to provide sound fiscal management for solid waste collection, disposal and recycling as it develops.

96806 Recycling Equipment Replacement

This project provides a reserve for the replacement of M & O automotive equipment for all three recycling programs, on an on-going basis. Planned in FY 2004/05: replacements/modifications to the 1996 Crane Carrier Multi-Family Collection vehicle.

Annual Operating Costs: Increase in annual debt service costs of \$57,100 in 2005/06 through 2009/10 to be paid by the Recycling Fund.

Comprehensive Plan Objective: (18.3) Continue to provide sound fiscal management for solid waste collection, disposal and recycling as it develops.