

# CAPITAL IMPROVEMENT PROGRAM

## POLICE PROTECTION

This section includes all major computer technology and equipment needs for the Police Department. These items would typically be funded with General Fund dollars.

Projects in this section support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priorities:

- ❖ Well Maintained Infrastructure
- ❖ Efficient Responsive City Services
- ❖ Communication

| Project                 | Funding    | 2006/07        | 2007/08        | 2008/09        | 2009/10        | 2010/11        | 2011/12        | Total            |
|-------------------------|------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Police Computer Network | L/P Gen Fd | 400,000        | 400,000        | 400,000        | 400,000        | 400,000        | 400,000        | 2,400,000        |
| <b>Total Police</b>     |            | <b>400,000</b> | <b>400,000</b> | <b>400,000</b> | <b>400,000</b> | <b>400,000</b> | <b>400,000</b> | <b>2,400,000</b> |

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 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 BUDGET IMPACT

| Project                     | FTE's      | 2006/07       | 2007/08        | 2008/09        | 2009/10        | 2010/11        | 2011/12        |
|-----------------------------|------------|---------------|----------------|----------------|----------------|----------------|----------------|
| Police Computer Network (2) | 0.0        | 88,530        | 177,060        | 265,590        | 354,120        | 442,650        | 442,650        |
| <b>Total Police</b>         | <b>0.0</b> | <b>88,530</b> | <b>177,060</b> | <b>265,590</b> | <b>354,120</b> | <b>442,650</b> | <b>442,650</b> |

(2) Operating costs are for debt service to be funded by the General Fund.

# CAPITAL IMPROVEMENT PROGRAM

## FIRE PROTECTION

This section includes all major equipment and vehicle needs for the Fire Department. All Fire Department facility renovations and or new construction would also be included in this section. Equipment and vehicles could be funded with General Fund or Lease Purchase dollars, with the debt funded by the General Fund. In addition, Penny for Pinellas revenue can also fund a Fire Department vehicle as well as an emergency medical service vehicle. Any facility renovations and or new construction would typically be funded with Penny for Pinellas revenue.

Projects in this section support the *"Clearwater is a Wonderful Place to Live"* element of the City Council's Vision and the following related priorities:

- ❖ A Safe Clean Green Environment
- ❖ Safe Comfortable Walkable Neighborhoods

Projects in this section also support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priorities:

- ❖ Well Maintained Infrastructure
- ❖ Efficient Responsive City Services
- ❖ Communication

Projects in this section also support the *"Clearwater includes Special Places that Belong to Everyone in the Community"* element of the City Council's Vision and the following related priorities:

- ❖ A Quality Beach Environment

| Project                          | Funding    | 2006/07   | 2007/08 | 2008/09 | 2009/10 | 2010/11 | 2011/12 | Total     |
|----------------------------------|------------|-----------|---------|---------|---------|---------|---------|-----------|
| Fire Engine Replacement          | L/P Gen Fd |           |         |         | 850,000 | 850,000 | 425,000 | 2,125,000 |
| EMS Capital Equipment            | General Fd |           | 18,000  |         | 10,000  |         | 15,000  | 43,000    |
|                                  | L/P Gen Fd | 140,000   |         |         |         | 145,000 | 140,000 | 425,000   |
| Other Fire Vehicles              | L/P Gen Fd | 181,000   |         |         |         |         |         | 181,000   |
| Replace & Upgrade Air Packs      | General Fd | 150,000   | 150,000 |         |         |         |         | 300,000   |
| Rescue                           | L/P-Gen Fd | 185,000   | 185,000 |         | 185,000 |         | 185,000 | 740,000   |
| Traffic Preemption Control       | L/P-Gen Fd | 50,000    | 50,000  | 50,000  | 50,000  | 50,000  |         | 250,000   |
| Station 48 Renovation & Expan    | Penny      | 1,800,000 |         |         |         |         |         | 1,800,000 |
| Exhaust Systems                  | General Fd | 37,430    | 23,170  |         |         |         |         | 60,600    |
| Security Access Systems          | General Fd | 17,720    | 7,900   |         |         |         |         | 25,620    |
| Auto External Defibrillator Prog | General Fd | 38,000    | 22,500  |         |         |         |         | 60,500    |
| Ladder Truck Equipment           | General Fd | 75,000    | 75,000  |         |         |         |         | 150,000   |
| Radio Replacements               | General Fd | 50,000    | 50,000  | 50,000  | 50,000  | 50,000  | 50,000  | 300,000   |

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# CAPITAL IMPROVEMENT PROGRAM

## FIRE PROTECTION (continued)

| Project   | Funding    | 2006/07          | 2007/08        | 2008/09        | 2009/10          | 2010/11          | 2011/12        | Total            |
|---|------------|------------------|----------------|----------------|------------------|------------------|----------------|------------------|
| Thermal Imaging Cameras                               | General Fd | 10,000           | 10,000         | 10,000         | 10,000           | 10,000           | 10,000         | 60,000           |
| Personal Protective<br>Equipment                      | General Fd | 190,000          | 100,000        | 103,000        | 165,000          | 170,000          | 110,000        | 838,000          |
| Self-Contained Breathing App<br>Upgrades-Fill Station | General Fd |                  | 73,900         |                |                  |                  |                | 73,900           |
| Extrication Tools                                     | General Fd |                  | 56,000         |                |                  |                  | 56,000         | 112,000          |
| <b>Total Fire Protection</b>                          |            | <b>2,924,150</b> | <b>821,470</b> | <b>213,000</b> | <b>1,320,000</b> | <b>1,275,000</b> | <b>991,000</b> | <b>7,544,620</b> |

91218 Fire Engine Replacement

This project provides for the replacement and equipping of two (2) Pumpers in FY 2009/10, two (2) Pumpers in FY 2010/11 and one (1) Pumper in FY 2011/12. These Pumpers will replace the fleet of 1999 units that will be at the end of their service life. This will also allow for procurement of new equipment for each pumper. Maintaining up to date response vehicles along with required equipment, allows the department to maintain its level of service to the community and provide for the safety of our personnel. Funding for replacement is partially reimbursed by the County since the equipment also serves the unincorporated area of the Clearwater Fire District.

91221 EMS Capital Equipment

This project provides for the procurement of capital equipment for the EMS system per County EMS agreement. The City presently has eight (8) monophasic Lifepak 12 cardiac defibrillators, which were purchased in 1999. The Defibrillators will become obsolete in July 2006 due to significant changes in the American Heart Association Emergency Cardiac Care Guidelines. This project will allow adequate spares for the placement of additional ALS (advanced life support) units in order to meet the needs of the citizens. Equipment includes replacement of electronic support equipment, radios, stretchers, splints, oxygen regulators, etc.

91226 Other Fire Vehicles

This project provides \$165,000 in FY 2006/07 for the replacement and equipping of the 1998 Rescue boat. The replacement unit will serve as a multi-functioning Fire/Rescue boat. The unit, having fire suppression, dive and water rescue capabilities, will provide the level of service to the waterfront and provide a safer platform for our personnel. Also, in FY 2006/07, \$16,000 will provide funding for the replacement of one (1) Kawasaki Mule (a 1997 model) with an all terrain vehicle designed and modified for towing personal watercraft, carrying the injured, and transporting fire/rescue personnel during special events. Funding for each vehicle is partially reimbursed by the County since the equipment also serves the unincorporated area of the Clearwater Fire District.

# CAPITAL IMPROVEMENT PROGRAM

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## FIRE PROTECTION (continued)

### 91229 Replace & Upgrade Air Packs

The funding provides for the replacement of breathing apparatus needed for worn or damaged front line units. This project provides the purchase of self-contained breathing apparatus (SCBA) upgrade kits that have been approved through National Institute for Occupational Safety & Health (NIOSH) and the CDC (US Centers for Disease Control & Prevention). The CDC and NIOSH have a program to approve SCBA for use by firefighters and other first responders to terrorist attacks. NIOSH approval under the program signifies that an SCBA is expected to provide needed protection to first responders in situations where an act of terror has released harmful chemicals, pathogens, or radioactive materials into the air. Since September 11th, the need for protecting our country's first responders has been brought to the forefront in order to provide the safest environment for the crews working the disaster. Our current SCBA's do not meet these standards and do not provide the needed protection in a terrorism event. It is being said that we will probably see this as a standard in the next revision of NFPA 1982, 2002 edition. New standards require the department to maintain state-of-the-art equipment to provide for the safety of our personnel. Funding is partially reimbursed by the County since the equipment also serves the unincorporated area of the Clearwater Fire District.

### 91236 Rescue

This project provides for the scheduled replacement of Fire/EMS first response vehicles. Funding will allow for the replacement of two (2) transport capable rescue vehicles, one (1) in FY 2006/07, and one (1) in FY 2007/08. This project also provides for the purchase of one (1) transport capable rescue vehicle in FY 2009/10 and one (1) transport capable rescue vehicle in FY 2011/12. Funding for replacement is partially reimbursed by the County since the equipment also serves the unincorporated area of the Clearwater Fire District.

### 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. This important project will provide for the safety of our response personnel as well as the citizens. Total funding of this project will allow faster response times which helps ensure the department maintains its level of service to the community. Funding will be partially reimbursed by the County, as the system will help serve any unincorporated resident of the Clearwater Fire District.

### 91252 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.

### 91255 Exhaust Systems

This project provides funding for the purchase and installation of vehicle exhaust removal systems at all Fire Stations and the Shop Facility. This is a critical health and safety issue for our employees, as both the National Institute for Occupational Safety & Health (NIOSH) and the US Occupational Safety & Health Administration (OSHA) have declared human exposure to diesel exhaust as a potential occupational carcinogenic hazard. Funding will be partially reimbursed by Pinellas County, as the equipment will help serve any unincorporated residents of the Clearwater Fire District.

# CAPITAL IMPROVEMENT PROGRAM

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## FIRE PROTECTION (continued)

### 91256 Security Access Systems

This project provides funding for the purchase of swipe card access systems for all Fire Department facilities, including all fire stations, the shop facility, fire prevention and training center. Currently there is a mix of swipe cards, keys and numerical entry pads for access at the Fire Department facilities. A card swipe system that is uniform to the systems utilized by Police and the MSB will improve the security for all Fire Department facilities. Funding will be partially reimbursed by Pinellas County, as the equipment will help serve any unincorporated resident of the Clearwater Fire District.

### 91257 Automatic External Defibrillator Programs

This project provides for the replacement of 19 devices in FY 2006/07 and software upgrades in FY 2007/08. The Department has 19 monophasic Lifepak 500 AED Devices, which will become obsolete in July 2006. The 25-biphasic Lifepak 500 AED devices also need software updates. This will allow the 25 Lifepak 500's to become compliant with the new American Heart Association Emergency Cardiac Care guidelines. These obsolete devices are between seven and eight years old and are currently in key City facilities such as City Hall, MSB, Libraries, and Police. Funding for replacement is partially reimbursed by the County since the equipment also serves the unincorporated area of the Clearwater Fire District.

### 91258 Ladder Truck Equipment

This project provides funding for the procurement of replacement equipment for two of the ladder trucks currently in-service and new equipment for the 100' Tiller Truck. Maintaining up to date firefighting and EMS equipment is a critical element in delivery of our life saving functions. Funding will be partially reimbursed by Pinellas County, as the equipment will help serve any unincorporated resident of the Clearwater Fire District.

### 91259 Radio Replacements

This project will provide funding for the upgrade, as well as additional portable and mobile radio equipment that will replace existing units and upgrade equipment to ever changing County requirements. Funding will be partially reimbursed by Pinellas County, as the equipment will help serve any unincorporated resident of the Clearwater Fire District.

### 91260 Thermal Imaging Cameras

This project will provided funding for the purchase of one (1) thermal imaging camera. The department currently uses a number of these units for various fire ground tasks. The most common of these tasks are search and rescue, firefighting and overhaul. The current units are used daily and have proven to be a valuable tool to our department. These units will enhance the service provided to the community and enhance the safety of our firefighters. Funding for replacement is partially reimbursed by the County since the equipment also serves the unincorporated area of the Clearwater Fire District.

### 91261 Personal Protective Equipment

This project provides funding for the complete outfitting of all personnel with the new Personal Protective Equipment (PPE) that the Fire Department has started purchasing in the last year. This project also provides for the National Fire Protection Association (NFPA) 1852 compliance and generates a revolving replacement schedule for the replacement of PPE that has reached its 5-year life expectancy. This PPE provides a high degree of protection for our firefighters along with providing many safety features that could assist members in case of an emergency at an incident. The excellent identification that is incorporated in this PPE also assists Incident Commanders with accountability and safety. Funding for replacement is partially reimbursed by the County since the equipment also serves the unincorporated area of the Clearwater Fire District.

### 912xx Self Contained Breathing Apparatus Upgrades - Fill Station

This project provides funding for one self-contained breathing apparatus (SCBA) system. This system will consist of a breathing air compressor; six (6) 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 residents of the Clearwater Fire District.

# CAPITAL IMPROVEMENT PROGRAM

## FIRE PROTECTION (continued)

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 residents of the Clearwater Fire District.

### ANNUAL OPERATING BUDGET IMPACT

| Project                        | FTE's | 2006/07        | 2007/08        | 2008/09        | 2009/10        | 2010/11        | 2011/12        |
|--------------------------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|
| Fire Engine Replacement (2)    | 0.0   |                |                |                | 188,840        | 377,680        | 472,100        |
| EMS Capital Equipment (2)      | 0.0   | 31,100         | 31,100         | 31,100         | 31,100         | 63,310         | 63,310         |
| Other Fire Vehicles (2)        | 0.0   | 40,200         | 40,200         | 40,200         | 40,200         | 40,200         | 201,000        |
| Rescue (2)                     | 0.0   | 41,100         | 82,200         | 123,300        | 123,300        | 123,300        | 123,300        |
| Traffic Preemption Control (2) | 0.0   | 11,110         | 22,220         | 33,330         | 44,440         | 55,550         | 44,440         |
| <b>Total Fire Protection</b>   |       | <b>123,510</b> | <b>175,720</b> | <b>227,930</b> | <b>427,880</b> | <b>660,040</b> | <b>904,150</b> |

(2) Operating costs are for Debt Service to be funded by the General Fund.

# CAPITAL IMPROVEMENT PROGRAM

## NEW STREET CONSTRUCTION

This section includes all new street construction projects. Prior to the voter approval of the additional one-cent State sales tax, known as Penny for Pinellas, many of these projects were funded with Local Option Gas Tax, Development Impact Fees and Road Millage. Today, these projects are traditionally funded with Penny for Pinellas revenue.

Projects in this section support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priorities:

- ❖ Well Maintained Infrastructure
- ❖ Efficient Transportation Systems

| Project                              | Funding | 2006/07          | 2007/08 | 2008/09          | 2009/10 | 2010/11 | 2011/12 | Total            |
|--------------------------------------|---------|------------------|---------|------------------|---------|---------|---------|------------------|
| Druid Road Improvements              | Penny   | 1,150,000        |         | 1,250,000        |         |         |         | 2,400,000        |
| <b>Total New Street Construction</b> |         | <b>1,150,000</b> |         | <b>1,250,000</b> |         |         |         | <b>2,400,000</b> |

92146 Druid Road Improvements

This project provides for improvements at various intersections along Druid Road. Funding in FY 2006/07 will complete the Druid Road Trail section from Glen Oaks Park to the Memorial Causeway Bridge. Improvements include landscaping, sidewalks and bike paths.

Comprehensive Plan Objective: (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.

### ANNUAL OPERATING BUDGET IMPACT

| Project                              | FTE's      | 2006/07      | 2007/08      | 2008/09      | 2009/10      | 2010/11      | 2011/12      |
|--------------------------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Druid Road Improvements (1)          | 0.0        | 5,000        | 5,250        | 5,510        | 5,790        | 6,080        | 6,380        |
| <b>Total New Street Construction</b> | <b>0.0</b> | <b>5,000</b> | <b>5,250</b> | <b>5,510</b> | <b>5,790</b> | <b>6,080</b> | <b>6,380</b> |

(1) Operating costs are for maintenance, which will be outsourced.

# CAPITAL IMPROVEMENT PROGRAM

## MAJOR STREET MAINTENANCE

This section includes all major street maintenance projects for the City. Projects in this section are normally funded with Local Option Gas Tax and/or Road Millage. As defined by Florida Statutes, Local Option Gas Tax proceeds can be used for roadway and right-of-way maintenance, as well as bridge maintenance and operations. Road Millage revenues are established each year by Council policy and must be used to maintain the City's sidewalks and streets with the goal of maintaining a 10 to 15 year resurfacing cycle.

Projects in this section support the *"Clearwater is a Wonderful Place to Live"* element of the City Council's Vision and the following related priority:

- ❖ Safe Comfortable Walkable Neighborhoods

Projects in this section also support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priority:

- ❖ Well Maintained Infrastructure

| Project                               | Funding       | 2006/07          | 2007/08          | 2008/09          | 2009/10          | 2010/11          | 2011/12          | Total             |
|---------------------------------------|---------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Traffic Calming Prog                  | Gas Tax       | 874,000          | 800,000          | 800,000          | 800,000          | 800,000          | 200,000          | 4,274,000         |
| Beach Walk                            | Stormwater Bd | 1,200,000        |                  |                  |                  |                  |                  | 1,200,000         |
| Streets, Sidewalks<br>& Bridges       | Road Millage  | 2,988,030        | 3,722,640        | 3,972,830        | 4,239,640        | 4,524,170        | 4,827,590        | 24,274,900        |
| Bridge Maint &<br>Improvements        | Gas Tax       |                  | 200,000          | 600,000          | 800,000          | 650,000          | 1,250,000        | 3,500,000         |
| <b>Major Street Maintenance Total</b> |               | <b>5,062,030</b> | <b>4,722,640</b> | <b>5,372,830</b> | <b>5,839,640</b> | <b>5,974,170</b> | <b>6,277,590</b> | <b>33,248,900</b> |

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. Specific projects in FY 2006/07 will include Skycrest.

92265 Beach Walk

This project provides funding for the related stormwater improvements necessary for construction of the South Gulfview Beach Walk realignment and three or four roadway improvements to obtain desired levels of service.

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

92266 Streets, Sidewalks & Bridges

This project provides continuous maintenance for deterioration prevention of City streets and sidewalks by allowing approximately 20 to 30 miles of streets to be maintained yearly. This yearly street maintenance includes asphalt pavement milling, pavement resurfacing and pavement remarking. The project also provides for the maintenance, repair and construction of sidewalks on a continuous, as needed basis, as well as a maintenance program to keep the City's bridges in good repair.

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

# CAPITAL IMPROVEMENT PROGRAM

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## MAJOR STREET MAINTENANCE (continued)

### 922xx Bridge Maintenance & Improvements

This project provides for a continuous, annual maintenance program to keep the City's bridges inspected and in good repair as well as providing for the complete replacement of ten (10) City bridges. The bridges that are programmed for replacement include the seven (7) Island Estates bridges, the Hercules Avenue bridge, the Springtime Avenue bridge and the Overbrook Avenue bridge. Replacement will include engineering design, plan and specification preparation, construction costs and construction engineering and inspection.

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

# CAPITAL IMPROVEMENT PROGRAM

## INTERSECTIONS

This section includes improvements to intersections as well as new signal installation and signal renovation. These projects are funded with Transportation Impact Fees, Road Millage and Local Option Gas Tax. The Road Millage funding in the Signal Renovation project is used in conjunction with major intersection improvements and road widening projects. The Transportation Impact Fee revenue is required to be used for capital improvements and the expansion of transportation facilities. Local Option Gas Tax proceeds can be used for roadway and right-of-way maintenance.

Projects in this section support the *“Clearwater is a Wonderful Place to Live”* element of the City Council’s Vision and the following related priority:

- ❖ Safe Comfortable Walkable Neighborhoods

Projects in this section also support the *“Clearwater Provides the Infrastructure to Support all its Attributes”* element of the City Council’s Vision and the following related priority:

- ❖ Well Maintained Infrastructure

Projects in this section also support the *“Clearwater Includes Special Places that Belong to Everyone in the Community”* element of the City Council’s Vision and the following related priorities:

- ❖ A Quality Beach Environment
- ❖ A Vibrant Downtown that’s Mindful of its Heritage

| Project                             | Funding    | 2006/07        | 2007/08        | 2008/09        | 2009/10        | 2010/11        | 2011/12        | Total            |
|-------------------------------------|------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| City-Wide Intersection Improvements | Trans Imp  | 50,000         | 50,000         | 50,000         | 50,000         | 50,000         | 50,000         | 300,000          |
| Signal Renovation                   | Rd Millage | 45,000         | 45,000         | 45,000         | 45,000         | 45,000         | 45,000         | 270,000          |
| New Signal Installations            | Trans Imp  | 40,000         | 40,000         | 40,000         | 40,000         | 40,000         | 40,000         | 240,000          |
| Intersection Improvements           | Trans Imp  | 200,000        | 200,000        | 200,000        | 200,000        | 200,000        | 200,000        | 1,200,000        |
|                                     | Gas Tax    | 88,180         | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 588,180          |
| <b>Total Intersections</b>          |            | <b>423,180</b> | <b>435,000</b> | <b>435,000</b> | <b>435,000</b> | <b>435,000</b> | <b>435,000</b> | <b>2,598,180</b> |

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.

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.

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

# CAPITAL IMPROVEMENT PROGRAM

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## INTERSECTIONS (continued)

### 92553 New Signal Installations

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

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. (6.1) Roadway improvements to obtain desired levels of service must be included in City capital budgets.

### 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 2006/07 will include intersections at Court & Chestnut with various cross streets as deemed necessary following the new bridge opening.

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

# CAPITAL IMPROVEMENT PROGRAM

## PARKING

The Parking section includes projects for the maintenance of the City owned parking garages, as well as City owned parking lots. These projects are usually funded with Parking Fund revenue. Also included in this section would be any new Parking Garages. These types of projects would traditionally be funded with Parking Fund revenues and/or a Parking Bond Issue.

Projects in this section support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priority:

- ❖ Well Maintained Infrastructure

| Project                               | Funding    | 2006/07        | 2007/08        | 2008/09        | 2009/10        | 2010/11        | 2011/12        | Total            |
|---------------------------------------|------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Parking Lot Resurfacing               | Parking Fd | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 600,000          |
| Parking Garage Maintenance and Repair | Parking Fd | 100,000        | 100,000        | 100,000        | 150,000        | 150,000        | 50,000         | 650,000          |
| Parking Lot Improvements              | Parking Fd | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 600,000          |
| <b>Total Parking</b>                  |            | <b>300,000</b> | <b>300,000</b> | <b>300,000</b> | <b>350,000</b> | <b>350,000</b> | <b>250,000</b> | <b>1,850,000</b> |

- 92630 Parking Lot Resurfacing  
The project provides for the resurfacing of various City Parking System lots as determined necessary by Public Works Engineering.
- 92632 Parking Garage Maintenance & Repair  
The Garden Avenue and Municipal Services Complex parking garages both require maintenance and repair. By performing this scheduled maintenance, long-term serviceability and safety issues will be addressed.
- 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.

# CAPITAL IMPROVEMENT PROGRAM

## MISCELLANEOUS ENGINEERING

This section includes miscellaneous engineering type of projects that are related to the Engineering function. The smaller projects are typically either funded with General Fund revenue or Lease Purchase dollars if the project is equipment or vehicles. Projects in this section could also include major construction projects that don't easily fit in another category, i.e., the replacement of the Memorial Causeway Bridge, when active, was included in this section. The larger construction projects have been funded with Penny for Pinellas proceeds.

Projects in this section support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priority:

- ❖ Well Maintained Infrastructure

| Project                                | Funding    | 2006/07       | 2007/08       | 2008/09       | 2009/10       | 2010/11       | 2011/12       | Total          |
|--|------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Miscellaneous Engineering              | General Fd | 35,000        | 35,000        | 35,000        | 35,000        | 35,000        | 35,000        | 210,000        |
| <b>Total Miscellaneous Engineering</b> |            | <b>35,000</b> | <b>35,000</b> | <b>35,000</b> | <b>35,000</b> | <b>35,000</b> | <b>35,000</b> | <b>210,000</b> |

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.

# CAPITAL IMPROVEMENT PROGRAM

## PARKS DEVELOPMENT

The Parks Development section includes the largest amount of quality of life projects in the Capital Improvement Program. Projects in this section include all the projects that support the Parks & Recreation function, excluding land acquisition.

Many of these projects are maintenance projects that provide the necessary funding to maintain not only our parks, but also our park facilities, in good condition. These maintenance projects are typically funded with General Fund revenue. Equipment and vehicle projects in this section would be funded with Lease Purchase dollars. The major construction of new Parks & Recreation facilities or major renovation of existing Parks & Recreation facilities have been funded with Penny for Pinellas proceeds, grants, donations and impact fees such as recreation facility, recreation land and open space.

Also, included in this section is a project for the maintenance of the Harborview Center. This project is funded with Harborview Fund revenue.

Projects in this section support the *"Clearwater is a Wonderful Place to Live"* element of the City Council's Vision and the following related priorities:

- ❖ A Safe Clean Green Environment
- ❖ Safe Comfortable Walkable Neighborhoods

Projects in this section also support the *"Clearwater is a Wonderful Place to Play"* element of the City Council's Vision and the following related priority:

- ❖ A Variety of Cultural and Recreation Offerings

Projects in this section also support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priorities:

- ❖ Well Maintained Infrastructure
- ❖ Efficient Responsive City Services

Projects in this section also support the *"Clearwater Includes Special Places that Belong to Everyone in the Community"* element of the City Council's Vision and the following related priority:

- ❖ A Vibrant Downtown that's Mindful of its Heritage

| Project  | Funding    | 2006/07 | 2007/08 | 2008/09 | 2009/10 | 2010/11 | 2011/12 | Total   |
|--|------------|---------|---------|---------|---------|---------|---------|---------|
| Carpenter Field Infrastructure<br>Repairs & Improvements | General Fd | 30,000  | 30,000  | 30,000  | 30,000  | 30,000  | 35,000  | 185,000 |
| Concrete Sidewalk & Pad<br>Repairs & Replacement         | General Fd | 55,000  | 55,000  | 55,000  | 55,000  | 55,000  | 55,000  | 330,000 |
| Community Sports Complex<br>Infrastructure Repairs/Impr  | General Fd | 50,000  | 50,000  | 50,000  | 50,000  | 50,000  | 55,000  | 305,000 |
| Park Amenity Purchase,<br>Repair & Replacement           | General Fd | 70,000  | 75,000  | 75,000  | 75,000  | 75,000  | 80,000  | 450,000 |
| Tennis & Basketball Court<br>Resurfacing                 | General Fd | 62,500  | 52,500  | 52,500  | 52,500  | 52,500  | 55,000  | 327,500 |
| Playground & Fitness Equip<br>Purchase & Replacement     | General Fd | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 |

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# CAPITAL IMPROVEMENT PROGRAM

## PARKS DEVELOPMENT (continued)

| Project   | Funding   | 2006/07                                | 2007/08                | 2008/09            | 2009/10 | 2010/11 | 2011/12 | Total                                  |
|---|---|--|------------------------|--------------------|---------|---------|---------|--|
| Parks & Beaut Truck                                       | L/P-Gen Fd  | 16,000                                 |                        |                    |         |         |         | 16,000                                 |
| Fitness Equip Replacement                                 | General Fd  | 25,000                                 | 25,000                 | 25,000             | 25,000  | 25,000  | 30,000  | 155,000                                |
| Nat'l Guard Armory Ren                                    | Penny   |  | 400,000                |                    |         |         |         | 400,000                                |
| Morningside Rec Center<br>Replacement                     | Penny<br>Outside Grant                                | 500,000                                | 2,600,000<br>1,500,000 |                    |         |         |         | 3,100,000<br>1,500,000                 |
| Jack Russell Infra<br>Repairs & Demo                      | General Fd  | 200,000                                |                        |                    |         |         |         | 200,000                                |
| Parks & Beaut Maint Bldg                                  | Penny   | 100,000                                |                        |                    |         |         |         | 100,000                                |
| Countryside Community Park<br>Concessions & Restroom Bldg | FRDAP Grant<br>County Grant<br>CFY Grant<br>Donations | 200,000<br>150,000<br>25,000<br>75,000 |                        |                    |         |         |         | 200,000<br>150,000<br>25,000<br>75,000 |
| Fencing Replacement Prog                                  | General Fd  | 125,000                                | 125,000                | 125,000            | 125,000 | 125,000 | 130,000 | 755,000                                |
| Light Replacement & Repair                                | General Fd  | 70,000                                 | 75,000                 | 75,000             | 75,000  | 75,000  | 80,000  | 450,000                                |
| Swimming Pool R&R   | General Fd  | 60,000                                 | 60,000                 | 60,000             | 80,000  | 80,000  | 80,000  | 420,000                                |
| Recreation Trails   | Penny<br>FRDAP Grant                                  | 200,000<br>200,000                     | 400,000<br>200,000     | 360,000<br>200,000 |         |         |         | 960,000<br>600,000                     |
| P&R Technology Upgrades                                   | L/P-Gen Fd  | 35,000                                 | 40,000                 | 50,000             | 40,000  | 40,000  | 40,000  | 245,000                                |
| Harborview Infrastructure<br>Repairs & Improvements       | Harborview  | 140,000                                | 100,000                | 100,000            | 100,000 | 100,000 | 100,000 | 640,000                                |
| Long Center Infrastructure<br>Repairs                     | General Fd  | 50,000                                 | 50,000                 | 50,000             | 60,000  | 60,000  | 60,000  | 330,000                                |
| Parking Lot/Bicycle Path<br>Resurfacing & Imprvmnts       | General Fd  | 50,000                                 | 50,000                 | 50,000             | 50,000  | 50,000  | 60,000  | 310,000                                |
| McMullen Tennis Complex<br>(New Soft Courts)              | General Fd<br>FRDAP Grant                             |  | 200,000<br>200,000     |                    |         |         |         | 200,000<br>200,000                     |

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# CAPITAL IMPROVEMENT PROGRAM

## PARKS DEVELOPMENT (continued)

| Project                                 | Funding                  | 2006/07          | 2007/08           | 2008/09          | 2009/10          | 2010/11        | 2011/12          | Total             |
|---|--------------------------|------------------|-------------------|------------------|------------------|----------------|------------------|-------------------|
| Joe DiMaggio Sports Complex Renovations | Pinellas Cty             |                  | 2,000,000         |                  |                  |                |                  | 2,000,000         |
|   | State of Fla             |                  | 2,000,000         |                  |                  |                |                  | 2,000,000         |
|   | Federal Grant            |                  | 2,000,000         |                  |                  |                |                  | 2,000,000         |
|   | Outside Agency Donations |                  | 2,000,000         |                  |                  |                |                  | 2,000,000         |
| Dog Park North                          | Rec Fac Imp              |                  |                   |                  | 200,000          |                |                  | 200,000           |
|   | FRDAP Grant              |                  |                   |                  | 200,000          |                |                  | 200,000           |
| Bulldozer                               | L/P-Gen Fd               |                  | 180,000           |                  |                  |                |                  | 180,000           |
| <b>Total Parks Development</b>          |                          | <b>2,638,500</b> | <b>14,617,500</b> | <b>1,507,500</b> | <b>1,367,500</b> | <b>967,500</b> | <b>1,010,000</b> | <b>22,108,500</b> |

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 continue to be maintained in a major league professional manner.

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 and Replacement

This project provides for the removal and replacement of damaged concrete sidewalks, curbs, and pads and courts in various parks around the City as well as provides for new sidewalks for safety and accessibility reasons.

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 Joint Project Agreement (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.

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.

93213 Park Amenity Purchase, Repair and Replacement

This project provides 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, and the like, at various Parks & Recreation facilities and sites.

Comprehensive Plan Objective

(24.1) Improve the public's access to parks and recreation sites.

93229 Tennis and Basketball Court Resurfacing

This project provides for the scheduled resurfacing of tennis and basketball courts to prevent deterioration. Tennis courts scheduled to be resurfaced in FY 2006/07 include MLK Courts. Basketball courts scheduled include MLK and Coachman Ridge Park.

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

# CAPITAL IMPROVEMENT PROGRAM

## PARKS DEVELOPMENT (continued)

- 93230 Playground and Fitness Equipment Purchase and Replacement  
This project provides replacement of playground equipment and the purchase of new equipment at the City's 31 playgrounds. Included in this project is the appropriate safety resilient surfacing. Proposed playgrounds to be replaced in FY 2006/07 include Wood Gate Park, which was postponed, and Del Oro 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.  
Comprehensive Plan Objective: (24.1) Improve the public's access to parks and recreation sites.
- 93244 Parks & Beautification Truck  
This project provides funding for the purchase of one ½ ton pick-up truck. The truck will be needed to accommodate a new employee request for the Technical Team. The purchase of this truck is more cost effective to the City and employee than paying mileage costs.
- 93247 Fitness Equipment Replacement  
This project provides for the phased replacement of old, worn out and over used fitness equipment at the City's five (5) fitness centers. Projects for FY 2006/07 may include, but not be limited to, equipment at the Clearwater Beach Recreation Center and Countryside Recreation Center.  
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 of levels of service.
- 93248 National Guard Armory Renovation  
This project provides funding for the renovation and improvements of the National Guard Armory located on Missouri Avenue. The Armory in Clearwater has been vacated due to the construction of a new Armory facility located in Pinellas Park. The City has entered into a 30-year lease from the State to use the building for recreation purposes. In the past, Parks & Recreation has conducted programs out of the Armory and has operated a recreation center from the Armory. The Parks & Recreation Department has a need for storage space and to consolidate the Special Events Division of the department. The building and grounds are in good condition. However, funding is needed to renovate and improve the building so that the Special Events Division, Emergency Preparedness and electrical section of the Parks & Beautification section can use the property.  
Comprehensive Plan Objective: (28.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contributed to achieving or maintaining standards for levels of service.
- 93251 Morningside Recreation Center Replacement  
This project provides for the renovation of the Morningside Recreation Complex and the construction of a new recreation center. 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. Funding in 2006/07 will provide design and planning with construction planned in FY 2007/08.  
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.
- 93254 Jack Russell Infrastructure Repairs and Demolition  
This project will provide for the future demolition of the Stadium if it is decided to eliminate the Stadium.  
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 of levels of service.
- 93255 Parks & Beautification Maintenance Building  
This project provides funding for the construction of a small maintenance building to be constructed at the old Nursery site located on Saturn Avenue. This building would be similar to structures completed at Countryside Recreation Complex, Carpenter Field and EC Moore Complex. These facilities are needed to house storage, as well as crews working out of the Saturn Avenue Complex of Parks & Beautification. This is part of the department-wide effort to decentralize and be more responsive to community based maintenance needs.  
Comprehensive Plan Objective: (24.3.8) To correct deficiencies in the supply of core system parkland and facilities. (28.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

# CAPITAL IMPROVEMENT PROGRAM

## PARKS DEVELOPMENT (continued)

### 93256 Countryside Community Park Concessions and Restroom Building

This project provides for the construction of a new concession/restroom building to be constructed at Countryside Community Park as a replacement for an existing 20-year-old concession building, which is in need of major renovations. Also, the current building does not have restrooms and is too small to meet the current needs of the Countryside community. The project will consist of a two-story building, which will include restrooms, storage and concession areas on the first floor and a conference/training room and press box on the second floor. The existing concession/press box will be removed as well as possibly closing the other outdoor restroom on the site. Connections to the Progress Energy trail and park trail will also be provided in this project.

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

### 93262 Fencing Replacement Program

This 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 fifty (50) ball fields, which includes backstops and dugout fencing. Fence replacement in FY 2006/07 may include, but not limited to, Norton Park, Frank Tack, Valencia and Ed Wright Park.

### 93269 Light Replacement and Repair

This project includes the phased re-lamping, replacement and repair of lighting systems including light fixtures, poles, service panels and wiring at various Parks and Recreation sites. Project may include, but not limited to the following locations in FY 2006/07: Carpenter and Phillip Jones fields, and upgrade to concrete light poles at various locations.

### 93271 Swimming Pool Renovations and 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, activity pools and long-term maintenance such as marcing and repair of gutters, tile and decking. FY 2006/07 funding is projected to replace existing play features at Clearwater Beach Recreation Center, Morningside and North Greenwood Recreation and Aquatics Center.

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. May include but not limited to projects such as Memorial Causeway, Turner Street, and East West Trail. Penny funding for FY 2006/07 is needed to provide additional funding for the improvements of the East West Trail and trailhead at the Long Center, as well as, a connection between Kapok Park & Cliff Stephens Park.

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

### 93274 Parks and 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 a new class registration/scheduling system; Internet based registration system and the upgrade of all cash registers to a point of sale system that will communicate directly with the Finance Department.

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.

# CAPITAL IMPROVEMENT PROGRAM

## PARKS DEVELOPMENT (continued)

- 93277 Harborview Infrastructure Repairs and 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 2006/07 may include the repair and replacement of the carpet and roof, as well as painting.  
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, parking lot, driveway, ballfield, etc.  
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/Bicycle Path Resurfacing/Improvements  
This project includes regularly resurfacing of parking lots and bicycle paths to prevent deterioration and may include minor improvements to those parking lots and bicycle paths being resurfaced.  
Comprehensive Plan Objective: Improve the public's access to parks and recreation sites.
- 932xx McMullen Tennis Complex (New Soft Courts)  
This project provides for the construction of eight (8) new lighted clay courts and tennis amenities at McMullen Tennis Complex. The additional courts are needed in order to accommodate the need for additional clay courts and also to be able to hold major tennis tournaments in Clearwater. Additionally revenue will be generated from this project to offset any additional operating expenses.  
Comprehensive Plan Objective: (24.1) Improve the public's access to parks and recreation sites. (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.
- 932xx Joe DiMaggio Sports Complex Renovations  
This project provides for the renovation and improvements of the Joe DiMaggio Sports Complex by constructing eight (8) new soccer fields and one (1) major league baseball field. In addition, there will be restrooms, concession building, press box, parking and other park amenities. The City is hoping to partner with the County, State and Federal Government, as well as, local co-sponsor groups to fund this project.  
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 of levels of service.
- 932xx Dog Park North  
This project provides for the development of a new dog park similar to the dog park at Crest Lake Park in North Clearwater at Lake Chautauqua Park North.  
Comprehensive Plan Objective: (24.1) Improve the public's access to parks and recreation sites.
- 932xx Bulldozer  
This project provides funding for the purchase of a D6N-CAT Bulldozer. This equipment will primarily be used to maintain the sand on Clearwater Beach. This equipment will allow staff to re-grade the beach to keep the sand at normal baseline elevation, improve beach conditions to help minimize sand displacement onto sidewalks and roadways and also be used for storm cleanup activities. This equipment can also be used by Public Services.

# CAPITAL IMPROVEMENT PROGRAM

## PARKS DEVELOPMENT (continued)

### ANNUAL OPERATING BUDGET IMPACT

| Project   | FTE's      | 2006/07       | 2007/08       | 2008/09        | 2009/10        | 2010/11        | 2011/12        |
|---|------------|---------------|---------------|----------------|----------------|----------------|----------------|
| Parks & Beautification Trucks (2), (6)                          | 0.0        | 4,000         | 4,000         | 4,000          | 4,000          | 4,000          |                |
| Nat'l Guard Armory Ren (4)                                      | 0.0        |               |               | 50,000         | 52,500         | 55,130         | 57,890         |
| Morningside Rec Center<br>Replacement (3), (4)                  | 3.0        |               |               | 200,000        | 210,000        | 231,530        | 243,110        |
| Parks & Beaut Maint Bldg (4)                                    | 0.0        | 3,600         | 3,780         | 3,970          | 4,170          | 4,380          | 4,600          |
| Countryside Community Park<br>Concessions and Restroom Bldg (4) | 0.0        | 3,600         |               |                |                |                |                |
| Recreation Trails (1)   | 0.0        |               | 5,000         |                | 5,000          |                |                |
| P&R Technology Upgrades (2)                                     | 0.0        | 7,780         | 16,670        | 27,780         | 36,670         | 45,560         | 46,670         |
| McMullen Tennis Complex<br>(New Soft Courts) (1), (3), (*)      | 1.0        |               |               | 40,000         | 42,000         | 46,310         | 48,630         |
| Joe DiMaggie Sports Complex<br>Renovations (1), (3)             | 2.0        |               |               | 150,000        | 165,380        | 173,650        | 182,330        |
| Dog Park North (1)  | 0.0        |               |               |                | 12,000         | 12,600         | 13,230         |
| Bulldozer (2), (6)  | 0.0        |               | 40,000        | 40,000         | 40,000         | 40,000         | 40,000         |
| <b>Total Parks Development</b>                                  | <b>6.0</b> | <b>18,980</b> | <b>69,450</b> | <b>515,750</b> | <b>571,720</b> | <b>613,160</b> | <b>636,460</b> |

(1) Operating costs are for maintenance.

(2) Operating costs are for debt service to be funded by the General Fund.

(3) Operating costs are for personal services.

(4) Operating costs are for utilities.

(5) Operating costs are for Building & Maintenance.

(6) Operating costs are for Fleet Maintenance.

(\*) Increased operating costs will be offset by increased revenue collections.

# CAPITAL IMPROVEMENT PROGRAM

## MARINE FACILITIES

The Marine Facilities section includes projects that support the Marine operations. Most of the projects in this section are maintenance projects, which are funded on an annual basis to keep the related infrastructure in good condition. Project funding sources for the maintenance projects are based on the operation the project supports, i.e., Beach Guard operations are funded by the Parking Fund, Marina operations are funded by the Marina & Aviation Fund and Pier 60 and Sailing Center operations are funded by the General Fund. Any construction or major renovation of facilities are typically funded the same way or with Penny for Pinellas proceeds or Special Development Fund revenue.

Projects in this section support the *"Clearwater is a Wonderful Place to Learn"* element of the City Council's Vision.

Projects in this section also support the *"Clearwater is a Wonderful Place to Play"* element of the City Council's Vision and the following related priority:

- ❖ A Variety of Cultural and Recreational Offerings

Projects in this section also support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priorities:

- ❖ Well Maintained Infrastructure
- ❖ Efficient Transportation Systems

Projects in this section also support the *"Clearwater includes Special Places that Belong to Everyone in the Community"* of the City Council's Vision and the following related priorities:

- ❖ A Quality Beach Environment
- ❖ A Vibrant Downtown that's Mindful of its Heritage

| Project                        | Funding         | 2006/07        | 2007/08        | 2008/09        | 2009/10        | 2010/11        | 2011/12        | Total            |
|--------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Beach Guard Facility Maint     | General Fd      | 10,000         | 10,000         | 10,000         | 5,000          | 5,000          | 5,000          | 45,000           |
| Sailing Center Expansion       | Penny           | 400,000        |                |                |                |                |                | 400,000          |
| Utilities Service Replacement  | Marine/Aviation | 10,000         | 10,000         | 10,000         | 10,000         | 10,000         | 10,000         | 60,000           |
| Dock R&R                       | Marine/Aviation | 25,000         | 25,000         | 25,000         | 25,000         | 25,000         | 25,000         | 150,000          |
| Fuel System R&R                | Marine/Aviation | 20,000         | 20,000         | 20,000         | 20,000         | 20,000         | 20,000         | 120,000          |
| Marine Fac Dredging & Maint    | Marine/Aviation | 85,000         | 85,000         | 85,000         | 85,000         | 85,000         | 85,000         | 510,000          |
| Docks & Seawalls               | General Fund    | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 600,000          |
| Pier 60/Sailing Ctr Maint      | General Fund    | 15,000         | 15,000         | 15,000         | 15,000         | 15,000         | 15,000         | 90,000           |
| Drew St Restroom<br>Renovation | Special Dev Fd  |                | 150,000        |                |                |                |                | 150,000          |
| <b>Total Marine Facilities</b> |                 | <b>665,000</b> | <b>415,000</b> | <b>265,000</b> | <b>260,000</b> | <b>260,000</b> | <b>260,000</b> | <b>2,125,000</b> |

# CAPITAL IMPROVEMENT PROGRAM

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## MARINE FACILITIES (continued)

- 93403 Beach Guard Facility Maintenance  
This project provides funding for the replacement, as well as, the continuous maintenance of the Beach Guard towers and structures. Continuing in 2006/07 through 2008/09, two (2) towers will be replaced each year.
- 93407 Sailing Center Expansion  
This project will allow for the expansion of the City's Sailing Center in order to provide additional covered classroom space as well as the renovation of some areas of the current facility. The new space will also allow for protected space for camp attendants and visitors during threatening weather conditions.
- 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 conditions.
- 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 the City-owned marinas in usable conditions.
- 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 conditions.
- 93496 Marine Facility Dredging and 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 and 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 and Aviation Department is responsible for to allow for continued safe and usable condition at City-owned docks.
- 93497 Docks and 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.
- 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.
- 934xx Drew Street Restroom Renovation  
This project provides funding to renovate the Drew Street Jazz building and bring up to current code and standards. This includes the addition of two (2) ADA compliant restrooms and an office for an attendant. There will be extensive renovations on the building to include new siding and roof as well as inside repairs.

# CAPITAL IMPROVEMENT PROGRAM

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## AIRPARK FACILITIES

The Airpark Facilities section includes projects that support the Airpark operations. These project range from maintenance projects to the major renovation of facilities. These projects are typically funded with Marine & Aviation Fund revenue or grant revenue from the Florida Department of Transportation.

Projects in this section support the "*Clearwater is a Wonderful Place to Learn*" element of the City Council's Vision.

Projects in this section also support the "*Clearwater is a Wonderful Place to Play*" element of the City Council's Vision and the following related priority:

- ❖ A Variety of Cultural and Recreation Offerings

Projects in this section also support the "*Clearwater Provides the Infrastructure to Support all its Attributes*" element of the City Council's Vision and the following related priorities:

- ❖ Well Maintained Infrastructure
- ❖ Efficient Transportation Systems

| Project                         | Funding         | 2006/07       | 2007/08       | 2008/09       | 2009/10       | 2010/11       | 2011/12       | Total         |
|---------------------------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Airpark Maint & Repair          | Marine/Aviation | 10,000        | 10,000        | 10,000        | 10,000        | 10,000        | 10,000        | 60,000        |
| <b>Total Airpark Facilities</b> |                 | <b>10,000</b> | <b>10,000</b> | <b>10,000</b> | <b>10,000</b> | <b>10,000</b> | <b>10,000</b> | <b>60,000</b> |

94817 Airpark Maintenance and Repair

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

# CAPITAL IMPROVEMENT PROGRAM

## LIBRARIES

The Libraries section includes projects that support the Library operation. The purchase of library materials as well as computer software projects, are typically funded with Library Cooperative funding or General Fund revenue. Equipment purchases would be lease purchased and major construction or renovation of facilities has been funded with Penny for Pinellas, grants and donations.

Projects in this section support the *"Clearwater is a Wonderful Place to Play"* element of the City Council's Vision and the following related priority:

- ❖ A Variety of Cultural and Recreation Offerings

| Project                           | Funding      | 2006/07        | 2007/08        | 2008/09        | 2009/10        | 2010/11        | 2011/12        | Total            |
|-----------------------------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Books and Other Library Materials | Library Coop | 688,630        | 706,290        | 724,480        | 743,210        | 762,500        | 782,380        | 4,407,490        |
| <b>Total Libraries</b>            |              | <b>688,630</b> | <b>706,290</b> | <b>724,480</b> | <b>743,210</b> | <b>762,500</b> | <b>782,380</b> | <b>4,407,490</b> |

93527 Books and Other Library Materials

This project is for the acquisition of books, periodicals, audiovisuals, online database subscriptions 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 to purchase library materials to serve County residents using City libraries.

# CAPITAL IMPROVEMENT PROGRAM

## GARAGE

The Garage section includes projects for the replacement of motorized equipment as well as replacement equipment for the radio system. These projects are funded either with Garage Fund revenue or through a Lease Purchase contract paid by the Garage Fund.

Projects in this section support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priorities:

- ❖ Well Maintained Infrastructure
- ❖ Communication

| Project                                  | Funding       | 2006/07          | 2007/08          | 2008/09          | 2009/10          | 2010/11          | 2011/12          | Total             |
|--|---------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Radio User Equipment Replacement Program | L/P-Garage Fd | 200,000          | 200,000          | 200,000          |                  |                  |                  | 600,000           |
| Motorized Equipment Replacement-Cash     | Garage Fund   | 71,700           | 140,200          | 147,200          | 154,600          | 162,300          | 170,400          | 846,400           |
| Motorized Equipment Replacement-L/P      | L/P-Garage Fd | 3,471,700        | 3,645,300        | 3,827,600        | 4,019,000        | 4,220,000        | 4,431,000        | 23,614,600        |
| <b>Total Garage</b>                      |               | <b>3,743,400</b> | <b>3,985,500</b> | <b>4,174,800</b> | <b>4,173,600</b> | <b>4,382,300</b> | <b>4,601,400</b> | <b>25,061,000</b> |

94232 Radio User Equipment Replacement Program

This on-going Lease Purchase project will fund a program to phase-in the replacement of the old portable radios, mobile radios, control stations, accessories, radio tower equipment, infrastructure equipment, 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. The oldest radios currently being used are over ten (10) years old and have exceeded their life expectancy.

94233 Motorized Equipment Replacement-Cash

This project is for the replacement of motorized vehicles and equipment to cost less than \$10,000 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.

94234 Motorized Equipment Replacement-Lease/Purchase

This project is for the replacement of motorized vehicles/equipment estimated to cost \$10,000 or more per vendor per transaction. The equipment is for all City Departments, responsible for all City business. Future years based on a projected increase of approximately 5% per annum.

### ANNUAL OPERATING BUDGET IMPACT

| Project                                       | FTE's | 2006/07        | 2007/08          | 2008/09          | 2009/10          | 2010/11          | 2011/12          |
|---|-------|----------------|------------------|------------------|------------------|------------------|------------------|
| Radio User Equipment Replacement Program (2b) | 0.0   | 44,430         | 88,860           | 133,290          | 133,290          | 133,290          | 88,860           |
| Motorized Equipment Replacement-L/P (2b)      | 0.0   | 385,640        | 1,176,210        | 2,006,310        | 2,877,920        | 3,793,130        | 4,368,460        |
| <b>Total Garage</b>                           |       | <b>430,070</b> | <b>1,265,070</b> | <b>2,139,600</b> | <b>3,011,210</b> | <b>3,926,420</b> | <b>4,457,320</b> |

(2b) Operating costs are for debt service to be funded by the Garage Fund.

# CAPITAL IMPROVEMENT PROGRAM

## MAINTENANCE OF BUILDINGS

Projects in this section provide funding for the major maintenance of City facilities. The funding is provided by the Fund that owns the specific facility that requires maintenance. The facilities are outlined in the project scopes.

Projects in this section support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priority:

- ❖ Well Maintained Infrastructure

| Project                                    | Funding         | 2006/07          | 2007/08        | 2008/09        | 2009/10          | 2010/11        | 2011/12        | Total            |
|--|-----------------|------------------|----------------|----------------|------------------|----------------|----------------|------------------|
| Air Conditioners -City                     | General Fd      | 200,000          | 200,000        | 200,000        | 200,000          | 200,000        | 200,000        | 1,200,000        |
| Wide Replacements                          | Marine/Aviation | 10,000           | 10,000         |                |                  |                |                | 20,000           |
|  | Garage          | 10,000           | 10,000         | 10,000         | 10,000           | 10,000         | 10,000         | 60,000           |
| Roof Repairs                               | General Fd      | 10,000           | 10,000         | 10,000         | 10,000           | 10,000         | 10,000         | 60,000           |
|  | Gas             | 10,000           |                |                |                  |                |                | 10,000           |
|  | Garage          | 40,000           |                |                |                  |                |                | 40,000           |
| Roof Replacements                          | General Fd      | 100,000          | 100,000        | 100,000        | 100,000          | 100,000        | 100,000        | 600,000          |
|  | Sewer           |                  | 10,000         |                |                  |                |                | 10,000           |
|  | Garage          | 100,000          | 100,000        |                |                  |                |                | 200,000          |
| Painting of Facilities                     | General Fd      | 100,000          | 100,000        | 100,000        | 100,000          | 100,000        | 100,000        | 600,000          |
|  | Water           |                  |                | 40,000         | 40,000           | 45,000         |                | 125,000          |
|  | Sewer           |                  |                |                |                  | 39,000         |                | 39,000           |
|  | Gas             |                  |                | 10,000         | 15,000           |                |                | 25,000           |
|  | Parking         |                  |                | 3,000          |                  |                |                | 3,000            |
|  | Garage          | 5,000            | 10,000         | 10,000         |                  |                |                | 25,000           |
| Fencing of Facilities                      | General Fd      | 5,000            | 5,000          | 5,000          | 5,000            | 5,000          | 5,000          | 30,000           |
|  | Gas             | 70,000           |                |                |                  |                |                | 70,000           |
|  | Garage          | 20,000           |                |                |                  |                |                | 20,000           |
| Flooring for Facilities                    | General Fd      | 25,000           | 25,000         | 25,000         | 25,000           | 25,000         | 25,000         | 150,000          |
|  | Water           |                  |                | 10,000         | 6,750            |                |                | 16,750           |
|  | Reclaimed       |                  |                | 1,750          |                  |                |                | 1,750            |
|  | Sewer           |                  |                | 13,250         | 3,380            |                |                | 16,630           |
| Long Center Major Infrastructure Imprvmnts | Penny           | 300,000          | 350,000        |                | 700,000          |                |                | 1,350,000        |
| <b>Total Maintenance of Buildings</b>      |                 | <b>1,005,000</b> | <b>933,000</b> | <b>535,000</b> | <b>1,215,130</b> | <b>534,000</b> | <b>450,000</b> | <b>4,672,130</b> |

# CAPITAL IMPROVEMENT PROGRAM

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## MAINTENANCE OF BUILDINGS (continued)

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 2006/07: Carpenter Field, Clearwater Beach Pool, Pier 60, Countryside Recreation Center, Countryside Police Substation, Wood Valley Recreation Center and miscellaneous small units.

94512 Roof Repairs

The project includes roof repair of various City buildings as needed to prevent water damage to interiors of buildings. For FY 2006/07: Nursery, Fire 47, Holt Avenue Recreation Center, and Countryside Sports Complex.

94514 Roof Replacements

This project includes roof replacements of various City buildings. For FY 2006/07: Countryside Police Substation, Sand Key Restroom Building, Marymont Park and Fleet Maintenance (Garage) facility.

94517 Painting of Facilities

This project includes scheduled painting and waterproofing of City facilities. In FY 2006/07: Cherry Harris Park, Magnolia & Turner Street Docks, Montclair Park, Nursery Complex, Police Beach Substation, Moccasin Lake Complex, Countryside Recreation Center and Engineering Field Office.

94518 Fencing of Facilities

This project provides for the replacement of worn and unusable fencing on the Clearwater Gas facility and other City properties.

94519 Flooring of Facilities

This project includes the scheduled replacement of worn or damaged flooring. In FY 2006/07: Countryside Recreation Center, Countryside Police Substation, and miscellaneous small replacements.

94524 Long Center Major Infrastructure Improvements

This project provides funding for major building improvements to the Long Center facility. This could include air conditioning replacement, roof replacement, painting, major electrical repairs; as well as, repairs to the fire systems.

# CAPITAL IMPROVEMENT PROGRAM

## GENERAL PUBLIC CITY BUILDINGS & EQUIPMENT

This section includes projects for City buildings and equipment that do not fit into another category within the Capital Improvement Program. Projects such as the MSB/Public Safety Complex were included in this section. These projects could be funded by the General Fund, Penny for Pinellas revenue, or a bond issue.

Projects in this section support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priorities:

- ❖ Well Maintained Infrastructure
- ❖ Efficient Responsive City Services

| Project  | Funding    | 2006/07        | 2007/08 | 2008/09 | 2009/10 | 2010/11 | 2011/12 | Total          |
|--|------------|----------------|---------|---------|---------|---------|---------|----------------|
| New City Hall                                  | General Fd | 100,000        |         |         |         |         |         | 100,000        |
| <b>Total Public City Bldgs &amp; Equipment</b> |            | <b>100,000</b> |         |         |         |         |         | <b>100,000</b> |

94620 New City Hall

This project provides preliminary funding for possible studies and analysis as staff reviews locations and construction options for the replacement of City Hall.

# CAPITAL IMPROVEMENT PROGRAM

## MISCELLANEOUS

The Miscellaneous section includes projects that do not fit into another category. The majority of the projects in this section are technology projects that are either managed by the Information Technology Department or funded by the Administrative Services Fund. Other projects in this section include two environmental projects funded by the General Fund and one vehicle funded by the Customer Service Department.

Projects in this section support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priority:

- ❖ Well Maintained Infrastructure

| Project   | Funding      | 2006/07          | 2007/08        | 2008/09          | 2009/10        | 2010/11        | 2011/12        | Total            |
|---|--------------|------------------|----------------|------------------|----------------|----------------|----------------|------------------|
| Geographic Information Sys                        | Adm Svcs     | 50,000           | 75,000         | 75,000           | 75,000         | 50,000         | 75,000         | 400,000          |
| Pollutant Storage Tk Rem/<br>Replacement-Gen Fund | General Fund | 20,000           | 20,000         | 22,000           | 20,000         | 20,000         | 20,000         | 122,000          |
| Tidemark Upgrade                                  | L/P-Gen Fund | 100,000          |                |                  |                |                |                | 100,000          |
| Land Management System                            | Adm Svcs     |                  |                | 25,000           | 25,000         | 25,000         | 25,000         | 100,000          |
| Environmntl Assmt & Clean                         | General Fund | 50,000           | 50,000         | 55,000           | 50,000         | 50,000         | 50,000         | 305,000          |
| Network Infrastructure &<br>Server R & R          | L/P-Adm Svcs | 100,000          | 100,000        | 100,000          | 100,000        | 100,000        | 100,000        | 600,000          |
| HR Peoplesoft Implement                           | Adm Svcs     | 175,000          |                | 192,500          |                |                |                | 367,500          |
| IT Disaster Recovery                              | L/P-Adm Svcs | 50,000           | 50,000         | 50,000           | 50,000         | 50,000         | 100,000        | 350,000          |
| Telecomm Upgrades                                 | L/P-Adm Svcs | 50,000           | 50,000         | 25,000           | 25,000         | 25,000         | 50,000         | 225,000          |
| Financial Sys Upgrades                            | Adm Svcs     | 75,000           | 75,000         | 75,000           | 75,000         | 75,000         | 75,000         | 450,000          |
| CIS Upgrades & Rplcmnt                            | Adm Svcs     | 100,000          | 100,000        | 100,000          | 100,000        | 100,000        | 100,000        | 600,000          |
| MS Licensing/Upgrade                              | Adm Svcs RE  | 300,000          | 300,000        |                  |                |                |                | 600,000          |
| Roadway & Traffic<br>Asset Mgmt                   | Gas Tax      |                  |                | 300,000          |                |                |                | 300,000          |
| CCS Pickup Truck                                  | L/P-Adm Svcs | 17,000           |                |                  |                |                |                | 17,000           |
| <b>Total Miscellaneous</b>                        |              | <b>1,087,000</b> | <b>820,000</b> | <b>1,019,500</b> | <b>520,000</b> | <b>495,000</b> | <b>595,000</b> | <b>4,536,500</b> |

# CAPITAL IMPROVEMENT PROGRAM

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## MISCELLANEOUS (continued)

- 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.
- 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.
- 94801 Tidemark Upgrade  
In FY 2006/07 funding is planned for the replacement of the hardware.
- 948xx Land Management System  
This project provides funding to keep the Tidemark System up to date, operating at optimum condition and to pay for upgrades as needed. This project encompasses hardware, software and professional services.
- 94803 Environmental Assessment and Clean-up  
This project has been established to provide funding 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.
- 94814 Network Infrastructure and Server Renewal and 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 60 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.
- 94820 HR PeopleSoft Implementation  
This project provides funding for implementation of the City's currently owned HR portion of the PeopleSoft HRMS module. The various functionalities included in implementation are salary administration, position management, tracking of training, monitoring absences, managing competencies, family medical leave administration, career and succession planning, and City customizations of PeopleSoft to provide access to management and employees. Project funding estimates are being updated to more accurately reflect implementation costs.
- 94824 IT Disaster Recovery  
This project will establish an 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.
- 94827 Telecommunications Upgrades  
This project will provide funding for the upgrade of telecommunications equipment including Nortel switches, handsets and software.

# CAPITAL IMPROVEMENT PROGRAM

## MISCELLANEOUS (continued)

- 94828 Financial Systems Upgrades  
 This project provides funding to keep the financial systems (PeopleSoft, Ross and Risk Management) up to date, operating at optimum condition and to pay for upgrades as needed. This project encompasses hardware, software and professional services.
- 94829 CIS Upgrades and Replacement  
 This project provides funding for upgrades and the eventual replacement of the Customer Information System (CIS). This system supports City utilities.
- 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).
- 94839 Roadway & Traffic Asset Management  
 This project provides funding for the automated asset management (A/M) system. This system will help manage and maintain the existing and future infrastructure, but will also leverage other developing City technology. When complete, the system will identify the most appropriate projects based on comprehensive information. The system will also provide a workflow for maintenance that can reduce cost by efficiency and preventative maintenance.
- 94845 CCS Pickup Truck  
 This project provides funding for the purchase of one additional compact pickup truck to be used by one additional Meter Reader.

### ANNUAL OPERATING BUDGET IMPACT

| Project                                    | FTE's | 2006/07        | 2007/08        | 2008/09        | 2009/10        | 2010/11        | 2011/12        |
|--|-------|----------------|----------------|----------------|----------------|----------------|----------------|
| Tidemark Upgrade (2c)                      | 0.0   | 35,590         | 35,590         | 35,590         |                |                |                |
| Network Infrastructure & Server R & R (2c) | 0.0   | 35,590         | 71,180         | 106,770        | 142,360        | 177,950        | 142,360        |
| HR Peoplesoft Implement (2c)               | 0.0   | 62,280         | 62,280         | 130,790        | 130,790        | 130,790        | 68,510         |
| IT Disaster Recovery (2c)                  | 0.0   | 17,800         | 35,600         | 44,500         | 53,400         | 62,300         | 62,300         |
| Telecomm Upgrades (2c)                     | 0.0   | 17,800         | 35,600         | 35,600         | 35,600         | 35,600         | 17,800         |
| CCS Pickup Truck (2c)                      | 0.0   | 3,780          | 3,780          | 3,780          | 3,780          | 3,780          | -              |
| <b>Total Miscellaneous</b>                 |       | <b>172,840</b> | <b>244,030</b> | <b>357,030</b> | <b>365,930</b> | <b>410,420</b> | <b>290,970</b> |

(2c) Operating costs are for debt service to be funded by the Administrative Services Fund.

# CAPITAL IMPROVEMENT PROGRAM

## PUBLIC WORKS/STORMWATER UTILITY

This Stormwater Utility section includes projects that support the Stormwater Utility operations of the City. All projects are included in the Rate Study approved by the City Council in June 2006.

Projects in this section support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priorities:

- ❖ Well Maintained Infrastructure
- ❖ Efficient Responsive City Services

| Project                                | Funding                         | 2006/07              | 2007/08            | 2008/09            | 2009/10            | 2010/11              | 2011/12              | Total                  |
|--|---------------------------------|----------------------|--------------------|--------------------|--------------------|----------------------|----------------------|------------------------|
| Storm Pipe System Improvements         | Bond                            | 1,875,000            | 1,968,800          | 1,175,400          | 1,627,880          | 2,393,030            | 1,875,000            | 10,915,110             |
| Stevenson Creek Imp Projects           | Future Bond Issue               | 1,250,000            | 984,450            | 917,030            | 1,356,600          | 1,424,400            | 1,687,500            | 7,619,980              |
| Storm System Expansion                 | Stormwater<br>Future Bond Issue | 132,850              | 162,530            | 356,790<br>935,240 | 976,570<br>379,960 | 156,520<br>1,266,380 | 1,219,560<br>655,450 | 3,004,820<br>3,237,030 |
| Alligator Creek Impl Projects-Phase II | Stormwater<br>Future Bond Issue | 625,000<br>1,600,000 | 492,230            | 916,990            | 1,736,480          | 1,823,250            | 1,875,000            | 625,000<br>8,443,950   |
| Transfer Yard Upgrade                  | Stormwater                      | 200,000              | 200,000            |                    |                    |                      |                      | 400,000                |
| Coastal Basins Improvements            | Stormwater<br>Future Bond Issue | 625,000              | 656,300            | 141,830            | 542,630            | 569,780              | 937,500              | 1,281,300<br>2,191,740 |
| Channel Improvements                   | Stormwater<br>Future Bond Issue | 230,210<br>194,800   | 292,230            | 141,830            | 542,630            | 854,630              | 937,500              | 522,440<br>2,671,390   |
| Cooper's Point                         | Future Bond Issue               | 125,000              | 98,480             | 103,350            | 108,530            | 98,480               | 187,500              | 721,340                |
| Allen's Creek Imp Projects             | Stormwater<br>Future Bond Issue | 625,000              | 183,800<br>472,500 | 141,830            | 542,630            | 854,630              | 937,500              | 183,800<br>3,574,090   |
| Stormwater Facilities Maint            | Future Bond Issue               |                      |                    |                    |                    | 287,180              | 301,500              | 588,680                |
| TV Truck & Camera                      | L/P-Strmwtr                     |                      |                    |                    |                    | 300,000              |                      | 300,000                |
| Vaccon Sewer Cleaner                   | L/P-Strmwtr                     |                      |                    |                    | 300,000            |                      |                      | 300,000                |
| <b>Total Stormwater</b>                |                                 | <b>7,482,860</b>     | <b>5,511,320</b>   | <b>4,830,290</b>   | <b>8,113,910</b>   | <b>10,028,280</b>    | <b>10,614,010</b>    | <b>46,580,670</b>      |

# CAPITAL IMPROVEMENT PROGRAM

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## PUBLIC WORKS/STORMWATER UTILITY (continued)

### 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 storm water problems necessary to define further project needs. A significant portion will be replacement of existing deteriorating pipe with reinforced concrete pipe.

Comprehensive Plan Objective: (19.6) Continue to provide sound fiscal management of the stormwater management systems to include maintenance, operation and construction in accordance with the watershed management plans and concurrent with its implementation.

### 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.

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.

### 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 of 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.

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.

### 96154 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.

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.

### 96158 Transfer Yard Upgrade

This project is driven by Florida Department of Environmental Protection requirements and provides funding to upgrade the Sherwood Yard to a transfer yard with weigh scales and provide erosion control in windy conditions.

Comprehensive Plan Objective: (19.6) Continue to provide sound fiscal management of the stormwater management systems to include maintenance, operation and construction in accordance with the watershed management plans and concurrent with its implementation.

### 96161 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.

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.

# CAPITAL IMPROVEMENT PROGRAM

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## PUBLIC WORKS/STORMWATER UTILITY (continued)

- 96162 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.  
Comprehensive Plan Objective: (19.5) Protect and enhance the quality of receiving waters by the use of "Best Management Practices" in accordance with the adopted watershed management plans.
- 96163 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.  
Comprehensive Plan Objective: (24.4) Preserve natural open space areas, which constitute aesthetic and ecological community assets.
- 96164 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.  
Comprehensive Plan Objective: 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.
- 961xx Stormwater Facilities Maintenance  
This project provides for the ongoing exotic and invasive species removal from the City right of way and City owned land, aquatic maintenance at City owned lakes and ditches and upland ditch and pond maintenance on City owned property.  
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.
- 961xx TV Truck & Camera  
This project provides funding for an additional TV truck with a camera. The equipment will record data and monitor the City's 120-mile stormwater drainage system and facilitate the identification of old and deteriorating pipe.  
Comprehensive Plan Objective: (19.6) Continue to provide sound fiscal management of the stormwater management systems to include maintenance, operation and construction in accordance with the watershed management plans and concurrent with its implementation.
- 961xx Vaccon Sewer Cleaner  
This project provides funding for an additional Vaccon Sewer Cleaner to accommodate the required increase maintenance of new pollution control boxes in the downtown and beach areas.  
Comprehensive Plan Objective: (19.6) Continue to provide sound fiscal management of the stormwater management systems to include maintenance, operation and construction in accordance with the watershed management plans and concurrent with its implementation.

# CAPITAL IMPROVEMENT PROGRAM

## PUBLIC WORKS/STORMWATER UTILITY (continued)

### ANNUAL OPERATING BUDGET IMPACT

| Project                          | FTE's      | 2006/07      | 2007/08      | 2008/09      | 2009/10       | 2010/11        | 2011/12        |
|----------------------------------|------------|--------------|--------------|--------------|---------------|----------------|----------------|
| Cooper's Point (1)               | 0.0        | 6,000        | 6,300        | 6,615        | 6,946         | 7,293          | 7,658          |
| TV Truck & Camera (2f), (3), (6) | 1.0        |              |              |              |               | 110,850        | 113,070        |
| Vaccon Sewer Cleaner (2f), (6)   | 0.0        |              |              |              | 88,650        | 89,750         | 90,910         |
| <b>Total Stormwater Utility</b>  | <b>1.0</b> | <b>6,000</b> | <b>6,300</b> | <b>6,615</b> | <b>95,596</b> | <b>207,893</b> | <b>211,638</b> |

(1) Operating costs are for maintenance.

(2f) Operating costs are for debt service to be funded by the Stormwater Utility Fund.

(3) Operating costs are for personal services.

(6) Operating costs are for Fleet Maintenance.

# CAPITAL IMPROVEMENT PROGRAM

## GAS SYSTEM

The Gas System section includes projects that support the Gas System operation for the City. The majority of these projects are maintenance projects to maintain the system. Also, included in this section are also several projects for the continued expansion of the system. All projects are funded by the Gas Fund.

Projects in this section support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priorities:

- ❖ Well Maintained Infrastructure
- ❖ Efficient Responsive City Services

| Project                        | Funding | 2006/07          | 2007/08          | 2008/09          | 2009/10          | 2010/11          | 2011/12          | Total             |
|--------------------------------|---------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Environmental Remediation      | Gas     | 150,000          | 150,000          | 150,000          | 150,000          | 150,000          | 150,000          | 900,000           |
| Line Relocation Pinellas-Maint | Gas     | 500,000          | 500,000          | 250,000          | 250,000          | 250,000          | 250,000          | 2,000,000         |
| Gas Meter Change Out-Pinellas  | Gas     |                  | 210,000          | 210,000          | 210,000          | 210,000          | 210,000          | 1,050,000         |
| Line Relocation Pinellas-Cap   | Gas     | 100,000          |                  | 300,000          | 300,000          | 300,000          | 300,000          | 1,300,000         |
| Line Relocation Pasco-Maint    | Gas     | 100,000          | 100,000          | 100,000          | 100,000          | 100,000          | 100,000          | 600,000           |
| Pinellas New Mains & Svc Lines | Gas     | 1,200,000        | 1,300,000        | 1,200,000        | 1,200,000        | 1,200,000        | 1,300,000        | 7,400,000         |
| Pasco New Mains & Svc Lines    | Gas     | 3,500,000        | 3,200,000        | 3,300,000        | 3,200,000        | 3,500,000        | 3,300,000        | 20,000,000        |
| Gas Meter Change Out-Pasco     | Gas     |                  | 210,000          |                  | 210,000          | 210,000          | 210,000          | 840,000           |
| Line Relocation Pasco-Cap      | Gas     |                  |                  | 300,000          |                  |                  |                  | 300,000           |
| Building Renovation            | Gas     | 200,000          | 125,000          | 125,000          | 125,000          | 125,000          | 125,000          | 825,000           |
| <b>Total Gas System</b>        |         | <b>5,750,000</b> | <b>5,795,000</b> | <b>5,935,000</b> | <b>5,745,000</b> | <b>6,045,000</b> | <b>5,945,000</b> | <b>35,215,000</b> |

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.

Comprehensive Plan Objective: To provide a safe and efficiently gas system that meets State and Federal regulations.

# CAPITAL IMPROVEMENT PROGRAM

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## GAS SYSTEM (continued)

- 96365 Line Relocation Pinellas – Maintenance  
This is a continuing project to fund the removal of abandoned gas lines as required by the State Department of Transportation.  
Comprehensive Plan Objective: To provide a safe and efficient gas system that meets State and Federal regulations.
- 96367 Gas Meter Change Out – Pinellas  
To provide funding for continually maintaining accurate gas meters in Pinellas County to maximize gas revenues.  
Comprehensive Plan Objective: To provide a safe and efficient gas system that meets State and Federal regulations.
- 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.  
Comprehensive Plan Objective: To provide a safe and efficient gas system that meets State and Federal regulations.
- 96376 Line Relocation Pasco – Maintenance  
This is a continuing project to fund the removal of abandoned gas lines as required by the State Department of Transportation.  
Comprehensive Plan Objective: To provide a safe and efficient gas system that meets State and Federal regulations.
- 96377 Pinellas New Mains and Service Lines  
This project will provide for extension of gas mains and services as well as new mains and services within Pinellas County. It will fund related activities such as capital replacement of obsolete cast iron and galvanized mains, liquid propane service.  
Comprehensive Plan Objective: To provide a safe and efficient gas system that meets State and Federal regulations.
- 96378 Pasco New Mains and Service Lines  
This project will provide for extension of gas mains and services as well as new mains and services within Pasco County. It will fund related activities such as capital replacement of obsolete cast iron and galvanized mains, liquid propane service.  
Comprehensive Plan Objective: To provide a safe and efficient gas system that meets State and Federal regulations.
- 96379 Gas Meter Change Out – Pasco  
To provide funding for continually maintaining accurate gas meters to maximize gas revenues. Funding of this project will come from available gas system revenues.  
Comprehensive Plan Objective: To provide a safe and efficient gas system that meets State and Federal regulations.
- 96381 Line Relocation Pasco – Capitalized  
This is a continuing project to relocate gas main 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. Funding for this project will come from available gas system revenues.  
Comprehensive Plan Objective: To provide a safe and efficient gas system that meets State and Federal regulations.
- 96384 Building Renovation –(REPLACES OLD “Gas Sales Office” Project)  
This project provides funding to purchase property in Pasco County as well as to renovate the building at Myrtle Avenue to include the Sales Office and Showroom. This capital project will save the rental costs of the current Sales office. Operating costs will be reduced by rental expense; all other operating costs will be offset from one location to the other. Funding for this project will come from available gas system revenues.

# CAPITAL IMPROVEMENT PROGRAM

## SOLID WASTE

The Solid Waste section includes projects that support the Solid Waste operations of the City. Included in this section are projects for facility maintenance and major repairs, vehicle and container replacements, as well as the implementation of a commercial weight based system. All projects are funded by either Solid Waste revenue or through Lease Purchase contracts paid by the Solid Waste Fund.

Projects in this section support the *"Clearwater is a Wonderful Place to Live"* element of the City Council's Vision and the following related priorities:

- ❖ A Safe Clean Green Environment
- ❖ Safe Comfortable Walkable Neighborhoods

Projects in this section also support the *"Clearwater Provides the Infrastructure to Support All its Attributes"* element of the City Council's Vision and the following related priorities:

- ❖ Well Maintained Infrastructure
- ❖ Efficient Responsive City Services

| Project                           | Funding     | 2006/07        | 2007/08        | 2008/09        | 2009/10        | 2010/11        | 2011/12        | TOTAL            |
|-----------------------------------|-------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Facility R&R                      | Solid Waste | 25,000         | 30,000         | 110,000        | 115,000        | 115,000        | 115,000        | 510,000          |
| Vehicle Replacements              | Solid Waste |                |                | 75,000         | 75,000         | 75,000         | 100,000        | 325,000          |
|                                   | L/P-Sol Wst | 160,000        | 165,000        |                |                |                |                | 325,000          |
| Residential Container Acquisition | Solid Waste | 85,000         | 100,000        | 100,000        | 100,000        | 100,000        | 120,000        | 605,000          |
| Comm Container Acquisition        | Solid Waste | 160,000        | 210,000        | 215,000        | 220,000        | 220,000        | 220,000        | 1,245,000        |
| Comm Weight Based Mgmt Sys        | L/P-Sol Wst |                |                |                | 150,000        |                |                | 150,000          |
| <b>Total Solid Waste</b>          |             | <b>430,000</b> | <b>505,000</b> | <b>500,000</b> | <b>660,000</b> | <b>510,000</b> | <b>555,000</b> | <b>3,160,000</b> |

96426 Facility R&R

This project provides for the repair or modification of site and land improvements, buildings, machinery and equipment at the two (2) 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.

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 for the replacement of Solid Waste maintenance and operating expense (M&O) owned vehicles, and other motorized equipment on an on-going basis. Planned for FY 2006/07 is the replacement of one roll-off vehicle.

Comprehensive Plan Objective

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

# CAPITAL IMPROVEMENT PROGRAM

## SOLID WASTE (continued)

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 90-gallon 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 \$59 each. Also included in this project is the cost of replacement parts, when automated containers can be repaired.

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 purchase and replacement of roll-off containers, compactors and dumpsters for approximately 3,200 commercial accounts. This project includes the replacement of containers damaged or deteriorated during their normal useful life of five (5) years; and the acquisition of additional compactors, roll-offs and dumpsters to meet system growth.

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 2007/08.

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

### ANNUAL OPERATING BUDGET IMPACT

| Project                         | FTE's      | 2006/07       | 2007/08       | 2008/09       | 2009/10        | 2010/11        | 2011/12        |
|---------------------------------|------------|---------------|---------------|---------------|----------------|----------------|----------------|
| Vehicle Replacements (2d)       |            | 35,550        | 72,210        | 88,870        | 105,530        | 122,190        | 108,860        |
| Comm Weight Based Mgmt Sys (2d) |            |               |               |               | 34,000         | 34,000         | 34,000         |
| <b>Total Solid Waste</b>        | <b>0.0</b> | <b>35,550</b> | <b>72,210</b> | <b>88,870</b> | <b>139,530</b> | <b>156,190</b> | <b>142,860</b> |

(2d) Operating costs are for debt service to be funded by the Solid Waste Fund.

# CAPITAL IMPROVEMENT PROGRAM

## PUBLIC WORKS/UTILITIES MISCELLANEOUS

The Utilities Miscellaneous section includes Utilities projects that support more than one utilities operation. These projects are typically funded by one or more of the utilities operations depending on which operation the project supports.

The projects in this section support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priority:

- ❖ Well Maintained Infrastructure

| Project                                  | Funding    | 2006/07       | 2007/08       | 2008/09       | 2009/10       | 2010/11       | 2011/12       | Total          |
|--|------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| City-Wide Aerial                         | Sewer R&R  |               | 6,000         |               |               | 6,000         |               | 12,000         |
| Photography                              | Water R&R  |               | 6,000         |               |               | 6,000         |               | 12,000         |
|  | Stormwater |               | 6,000         |               |               | 6,000         |               | 12,000         |
| Public Utilities Adm                     | Water R&R  | 13,000        | 13,000        | 13,000        | 13,000        | 13,000        | 13,000        | 78,000         |
| Building R&R                             | Sewer R&R  | 13,000        | 13,000        | 13,000        | 13,000        | 13,000        | 13,000        | 78,000         |
| <b>Total PWA/Utilities Miscellaneous</b> |            | <b>26,000</b> | <b>44,000</b> | <b>26,000</b> | <b>26,000</b> | <b>44,000</b> | <b>26,000</b> | <b>192,000</b> |

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 (4) 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 December 2002.

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.

# CAPITAL IMPROVEMENT PROGRAM

## PUBLIC WORKS/SEWER SYSTEM

The Sewer System section includes projects that support the Sewer System operations for the City. All projects, except the projects funded with Lease Purchase, are included either in the current Rate Study or a future Rate Study.

Projects in this section support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priorities:

- ❖ Well Maintained Infrastructure
- ❖ Efficient Responsive City Services

| Project                             | Funding                        | 2006/07              | 2007/08                | 2008/09   | 2009/10 | 2010/11 | 2011/12 | Total                   |
|-------------------------------------|--------------------------------|----------------------|------------------------|-----------|---------|---------|---------|-------------------------|
| Bio-Solids Treatment                | Future Bond Issue              | 3,520,000            |                        |           |         |         |         | 3,520,000               |
| WWTP Generator Replacement          | Future Bond Issue              | 900,000              | 940,000                | 825,000   |         |         |         | 2,665,000               |
| WWTP Headworks                      | Future Bond Issue              | 4,285,000            |                        |           |         |         |         | 4,285,000               |
| WWTP New Presses                    | Future Bond Issue              | 1,560,000            |                        |           |         |         |         | 1,560,000               |
| WWTP Aeration Improvements          | Future Bond Issue              | 332,000              | 2,650,000              |           |         |         |         | 2,982,000               |
| Nutrient Analyzer                   | L/P-Sewer                      | 60,000               |                        |           |         |         |         | 60,000                  |
| Sanitary Sewer Extensions           | Sewer Impact                   | 1,065,100            | 1,044,600              | 348,500   | 309,500 | 869,500 | 300,000 | 3,937,200               |
| Sanitary Utility Relocation         | Future Bond Issue              | 424,400              | 437,100                | 450,200   | 463,700 | 477,600 | 500,000 | 2,753,000               |
| Laboratory Upgrade and R&R          | Sewer R&R                      | 53,040               | 54,630                 | 56,270    | 57,960  | 59,700  | 61,000  | 342,600                 |
| Facilities Upgrade & Improvement    | Future Bond Issue              | 212,180              | 309,000                | 360,500   | 371,320 | 400,000 | 400,000 | 2,053,000               |
| Water Pollution Control R&R         | Future Bond Issue<br>Sewer     | 1,090,000<br>675,000 | 1,000,000              | 1,084,000 | 499,870 | 503,400 | 585,000 | 4,762,270<br>675,000    |
| Sanitary Collect & Transmission R&R | Sewer R&R<br>Future Bond Issue | 525,240<br>4,191,260 | 1,290,810<br>1,945,390 |           |         |         | 980,780 | 2,796,830<br>18,718,670 |
| Pollutant Storage Tank R&R - WPC    | Sewer R&R                      | 11,650               | 7,650                  | 7,650     | 7,880   | 8,120   | 8,300   | 51,250                  |

continued on next page

# CAPITAL IMPROVEMENT PROGRAM

## PUBLIC WORKS/SEWER SYSTEM (continued)

| Project                    | Funding           | 2006/07           | 2007/08           | 2008/09          | 2009/10          | 2010/11           | 2011/12           | Total             |
|----------------------------|-------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------|-------------------|
| Pump Station Replacement   | Future Bond Issue | 1,612,300         | 1,580,900         | 1,628,600        | 2,422,200        | 1,275,600         | 1,300,000         | 9,819,600         |
| Liquid Disinfection        | Future Bond Issue |                   | 737,000           |                  |                  |                   |                   | 737,000           |
| NE WWTP Thermal Dryers     | Future Bond Issue |                   |                   |                  |                  |                   | 2,205,000         | 2,205,000         |
| WWTP New Blending Tanks    | Future Bond Issue |                   | 400,000           |                  |                  |                   |                   | 400,000           |
| WWTP East Bypass & NE Pump | Future Bond Issue |                   | 1,230,000         |                  |                  | 2,667,000         |                   | 3,897,000         |
| WWTP UV Disinfect          | Future Bond Issue |                   |                   |                  |                  | 1,823,260         | 12,443,750        | 14,267,010        |
| <b>Total PWA/Sewer</b>     |                   | <b>20,517,170</b> | <b>13,627,080</b> | <b>9,033,720</b> | <b>8,032,230</b> | <b>10,773,980</b> | <b>20,503,050</b> | <b>82,487,430</b> |

96611 Bio-Solids Treatment

This project provides funding for the rehabilitation of the anaerobic digesters and associated equipment at the Northeast and Marshall Street Waste Water Treatment Plants.

Comprehensive Plan Objective: (17.2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

96619 WWTP Generator Replacements

This project provides funding for the replacement of the back up generators (two (2) per year) at the East, Marshall Street and Northeast WWTP's.

Comprehensive Plan Objective: (17.2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

96620 WWTP Headworks

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

Comprehensive Plan Objective: (17.2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

96621 WWTP New Presses

This project provides funding for the replacement of four (4) Belt Filter Presses at the Marshall Street and Northeast WWTP's.

Comprehensive Plan Objective: (17.2) 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 IMPROVEMENT PROGRAM

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## PUBLIC WORKS/SEWER SYSTEM (continued)

96622 WWTP 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.

Comprehensive Plan Objective: (17.2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

96623 Nutrient Analyzer

This project provides funding for the purchase of a Nutrient Analyzer, which will perform Nitrogen, PHs, NH3 tests for the Water and Wastewater Divisions. This equipment will save the Laboratory man-hours.

96630 Sanitary Sewer Extensions

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

Comprehensive Plan Objective: (17.1) 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 (Whitney to Seville), US 19 (Sunset Point to Countryside Blvd), US 19 (Seville to SR 60), US 19 @ SR 60, Myrtle Avenue, Sunset Point Road (US 19A to Keene), McMullen Booth at Drew Street, Nursery Road (Belcher to US 19), Belleair Road at Keene Road, Progress Energy Trail, Pinellas Trail, Druid Trail, SR 60/Memorial Causeway (east of Island Way to Ft. Harrison), Beach Walk, Osceola Streetscape and Cleveland Streetscape.

Comprehensive Plan Objective: (17.1) To maintain adequate levels of service for existing and future populations.

96645 Laboratory Upgrade and R&R

The project provides for the repair, replacement and upgrade of the existing laboratory instrumentation to meet state and federal testing requirements for wastewater, bio-solids, reclaimed water, and environmental monitoring, stormwater treatment and potable water.

Comprehensive Plan Objective: (17.1) To maintain adequate levels of service for existing and future populations.

96654 Facilities Upgrade and Improvement

The project provides funding for future improvements and upgrades at the City's three (3) AWT plants and bio-solids facility.

Comprehensive Plan Objective: (17.2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with FDEP and USEPA requirements.

96664 Water Pollution Control R&R

The project provides for the design, repair, rehabilitation, and replacement of Water Pollution Control Plant and bio-solids 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.

Comprehensive Plan Objective: (17.1) To maintain adequate levels of service for existing and future populations.

# CAPITAL IMPROVEMENT PROGRAM

## PUBLIC WORKS/SEWER SYSTEM (continued)

- 96665 Sanitary Collect and Transmission R&R  
The project provides general system wide condition inspections, rehabilitation and new appurtenances.  
Comprehensive Plan Objective: (17.1) To maintain adequate levels of service for existing and future populations.  
Comprehensive Plan Objective: (17.1) 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 pollution control plants.
- 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.  
Comprehensive Plan Objective: (17.2) 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 de-chlorination at the East and Marshall Street WWTP's. This is for use for chlorinating reclaimed water and also for maintenance doses at the WWTP's unit processes.  
Comprehensive Plan Objective: (17.2) 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 NE WWTP Thermal Dryers  
This project provides for the installation of bio-solids dryers for the disposal of dried bio-solids to meet FDEP and EPA class A regulations.  
Comprehensive Plan Objective: (17.2) 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 WWTP 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.  
Comprehensive Plan Objective: (17.2) 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 WWTP East Bypass and Northeast Pump  
This project provides funding for modifications for East WWTP Anoxic Tank Bypass System, the installation of a pump station and associated piping to move reject effluent from the existing effluent reject tank to the fermentation basins at the Northeast WWTP for FY 2007/08, and RAS Pump Station improvements and upgrading of the second anoxic flow split at Northeast in FY 2010/11.  
Comprehensive Plan Objective: (17.2) 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 WWTP UV Disinfection  
This project provides funding for the installation of UV disinfection systems at all three (3) plants, including lamp systems and electrical modifications.  
Comprehensive Plan Objective: (17.2) 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 IMPROVEMENT PROGRAM

## PUBLIC WORKS/SEWER SYSTEM (continued)

| Project                                | FTE's      | ANNUAL OPERATING BUDGET IMPACT |                |               |               |               |                |
|--|------------|--------------------------------|----------------|---------------|---------------|---------------|----------------|
|  |            | 2006/07                        | 2007/08        | 2008/09       | 2009/10       | 2010/11       | 2011/12        |
| Bio-Solids Treatment (1), (4)          | 0.0        | 33,000                         | 34,650         | 36,380        | 38,200        | 40,110        | 42,120         |
| WWTP Aeration Improvements (4)         | 0.0        |                                |                | (56,000)      | (56,000)      | (56,000)      | (56,000)       |
| Nutrient Analyzer (2e)                 | 0.0        | 13,330                         | 13,330         | 13,330        | 13,330        | 13,330        | 66,650         |
| Liquid Disinfection (1)                | 0.0        |                                | 54,000         | 56,700        | 59,540        | 62,510        | 65,640         |
| WWTP UV Disinfection (4)               | 0.0        |                                |                |               |               |               | 348,900        |
| <b>Total Public Works/Sewer System</b> | <b>0.0</b> | <b>46,330</b>                  | <b>101,980</b> | <b>50,410</b> | <b>55,070</b> | <b>59,950</b> | <b>467,310</b> |

(1) Operating costs are for maintenance.

(2e) Operating costs are for debt service to be funded by the Water & Sewer Fund

(4) Operating costs are for utilities.

# CAPITAL IMPROVEMENT PROGRAM

## PUBLIC WORKS/WATER SYSTEM

The Water System section includes projects that support the Water System operations for the City. All projects, except the projects funded with Lease Purchase, are included either in the current Rate Study or a future Rate Study.

Projects in this section support the *"Clearwater Provides the Infrastructure to Support all its Attributes"* element of the City Council's Vision and the following related priorities:

- ❖ Well Maintained Infrastructure
- ❖ Efficient Responsive City Services

| Project                                  | Funding           | 2006/07   | 2007/08   | 2008/09   | 2009/10   | 2010/11   | 2011/12   | Total     |
|--|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| System R&R -Maint                        | Water R&R         | 25,000    | 25,000    | 25,000    | 25,000    | 25,000    | 25,000    | 150,000   |
| Reclaimed Water                          | Water             | 648,020   | 1,204,490 | 543,350   | 1,847,200 | 1,174,580 | 1,605,720 | 7,023,360 |
| Distribution System                      | Future Bond Issue | 141,560   | 210,050   | 3,630,950 | 747,110   | 4,196,820 |           | 8,926,490 |
|  | Water R&R         | 182,340   | 921,150   |           |           |           |           | 1,103,490 |
| Water Supply & Treatment                 | Future Bond Issue | 300,000   | 300,000   | 300,000   | 300,000   | 300,000   | 300,000   | 1,800,000 |
| System R&R - Capitalized                 | Water             | 675,000   |           |           |           |           |           | 675,000   |
|  | Water R&R         | 250,000   | 270,000   | 250,000   | 250,000   | 239,300   | 250,000   | 1,509,300 |
| Line Relocation - Capitalized            | Future Bond Issue | 1,800,000 | 800,000   | 800,000   | 800,000   | 800,000   | 800,000   | 5,800,000 |
| Meter/Backflow Repl /Change Out          | Future Bond Issue | 650,000   | 650,000   | 650,000   | 650,000   | 650,000   | 650,000   | 3,900,000 |
| System Expansion                         | Water Impact      | 250,000   | 250,000   | 250,000   | 250,000   | 147,090   | 82,410    | 1,229,500 |
|  | Water             |           |           |           |           | 102,910   | 167,590   | 270,500   |
| Water Service Lines                      | Future Bond Issue | 500,000   | 500,000   |           | 500,000   | 500,000   | 500,000   | 2,500,000 |
| Water Pick-up Trucks                     | L/P-Water         | 31,830    | 32,780    | 33,780    | 34,770    |           |           | 133,160   |
| Fluoride in Water Sys                    | Future Bond Issue |           |           |           |           |           | 1,307,590 | 1,307,590 |
| Elevated Water Tks                       | Future Bond Issue |           |           |           | 250,000   |           |           | 250,000   |
| Telemetry for Wells                      | Future Bond Issue |           | 500,000   |           |           |           |           | 500,000   |
| Wellfield Expansion                      | Future Bond Issue | 758,550   | 2,185,450 |           |           |           |           | 2,944,000 |
| Reverse Osmosis Plant Expansion - Res #1 | Future Bond Issue | 100,790   | 240,400   | 4,462,640 | 4,987,880 |           |           | 9,791,710 |

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# CAPITAL IMPROVEMENT PROGRAM

## PUBLIC WORKS/WATER SYSTEM (continued)

| Project                                 | Funding           | 2006/07          | 2007/08          | 2008/09           | 2009/10           | 2010/11          | 2011/12           | Total             |
|---|-------------------|------------------|------------------|-------------------|-------------------|------------------|-------------------|-------------------|
| Water Quality                           |                   |                  |                  |                   |                   |                  |                   |                   |
| Monitoring Devices                      | Future Bond Issue | 450,000          |                  |                   |                   |                  |                   | 450,000           |
| Reverse Osmosis Plant<br>@ Reservoir #2 | Future Bond Issue | 1,335,780        | 1,566,340        | 2,552,300         | 1,516,830         | 1,117,230        | 10,000,000        | 18,088,480        |
| <b>Total Water System</b>               |                   | <b>8,098,870</b> | <b>9,655,660</b> | <b>13,498,020</b> | <b>12,158,790</b> | <b>9,252,930</b> | <b>15,688,310</b> | <b>68,352,580</b> |

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 do not involve upgrading.

Comprehensive Plan Objective: (21.3) 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.

Comprehensive Plan Objective: (21.2) 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.

96740 Water Supply and Treatment

This project provides funding for maintenance, replacement, and upgrade of supply facilities.

Comprehensive Plan Objective: (21.2) 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, and facilities equipment, etc. that are upgraded during the repair/replacement process. Funding for capitalized labor, equipment and material for in-house work is included.

Comprehensive Plan Objective: (21.3) 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 (Sunset to Countryside), US 19 (Whitney to Seville), US 19 (Seville to SR 60), US 19 @ SR 60 Sunset Point (Alt US 19A to Keene), McMullen Booth at Drew Street, Nursery Road (Belcher to US 19), Belleair Road at Keene Road, Progress Energy Trail, Pinellas Trail, Druid Trail, SR 60/Memorial Causeway (east of Island Way to Ft. Harrison), Myrtle Avenue, Beach Walk, Osceola Streetscape and Cleveland Streetscape.

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.

# CAPITAL IMPROVEMENT PROGRAM

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## PUBLIC WORKS/WATER SYSTEM (continued)

- 96743 Meter/Backflow Replacement/Change Out  
This is an on-going project to repair/replace water meters, backflow prevention devices, and accessories to assure accurate flow measurement, maximum revenues, and proper operation.  
Comprehensive Plan Objective: (21.3) 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.  
Comprehensive Plan Objective: (21.1) To maintain adequate levels of service for existing and future populations.
- 96752 Water Service Lines  
This project is to upgrade the City's existing galvanized water service lines that are in poor condition.  
Comprehensive Plan Objective: (21.1) To maintain adequate levels of service for existing and future populations.
- 96757 Water Pick up Trucks  
This project provides funding for the purchase of four (4) 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 2006-2012.
- 96758 Fluoride in Water System  
This project provides funding for the City of Clearwater treatment and distribution system to be modified to include fluoride injection at each of the City's reservoirs.  
Comprehensive Plan Objective: (21.3) Continue to maintain the water system in a safe, sound and efficient manner on a daily basis.
- 96760 Elevated Water Tanks Upgrade  
This project provides funding for the renovation and related distribution system work for water and fire protection concerns and the removal of the Del Oro tank in 2010.  
Comprehensive Plan Objective: (21.3) 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 an additional 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.  
Comprehensive Plan Objective: (21.3) Continue to maintain the water system in a safe, sound and efficient manner on a daily basis.
- 96763 Well Field Expansion  
This project provides funding for the expansion of the City's current potable water well field. This expansion will provide the potential for an increased local water production by one million gallons per day (MGD), thus reducing our dependency on the regional supply.  
Comprehensive Plan Objective: (21.2) To provide adequate quantities and qualities of water services to all customers in the Clearwater service area.
- 96764 Reverse Osmosis Plant Expansion – Reservoir # 1  
This project provides funding for the expansion of the City's existing RO Plant potentially adding one (1) MGD in water production. This includes wells, raw water piping and plant equipment.  
Comprehensive Plan Objective: (21.2) To provide adequate quantities and qualities of water services to all customers in the Clearwater service area.

# CAPITAL IMPROVEMENT PROGRAM

## PUBLIC WORKS/WATER SYSTEM (continued)

- 96766 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.  
Comprehensive Plan Objective: (21.3) Continue to maintain the water system in a safe, sound and efficient manner on a daily basis.
- 96767 Reverse Osmosis Plant at Reservoir #2  
 This project provides funding for brackish wells, raw water pipelines, 3.5 MGD brackish RO Plant with brine disposal to Tampa Bay. Additional operating costs for this project will not begin until 2013.  
Comprehensive Plan Objective: (21.2) To provide adequate quantities and qualities of water services to all customers in the Clearwater service area.

### ANNUAL OPERATING BUDGET IMPACT

| Project   | FTE's      | 2006/07        | 2007/08        | 2008/09        | 2009/10        | 2010/11        | 2011/12          |
|---|------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Reclaimed Water Distribution System (3), (7)                    | 4.0        | 212,300        | 222,920        | 234,070        | 245,770        | 258,060        | 270,960          |
| Water Pick up Trucks (2e), (6)                                  | 0.0        | 7,070          | 14,350         | 21,850         | 29,580         | 29,580         | 30,240           |
| Fluoride in Water System (8)                                    | 0.0        |                |                |                |                |                | 15,000           |
| Elevated Water Tanks Upgrade (1), (4)                           | 0.0        | 32,000         | 33,600         | 35,280         | 37,040         | 38,890         | 40,840           |
| Telemetry for Wells (1)   | 0.0        | 47,570         | 49,950         | 52,450         | 55,070         | 57,820         | 60,710           |
| Wellfield Expansion (4), (8)                                    | 0.0        | 48,000         | 50,400         | 52,920         | 55,560         | 58,340         | 61,260           |
| Reverse Osmosis Plant Expansion -<br>Reservoir #1 (1), (4), (8) | 0.0        |                |                |                |                | 523,400        | 549,570          |
| Water Quality Monitoring Devices (8)                            | 0.0        | 10,000         | 10,500         | 11,030         | 11,580         | 12,160         | 12,770           |
| <b>Total Public Works/Sewer System</b>                          | <b>4.0</b> | <b>356,940</b> | <b>381,720</b> | <b>407,600</b> | <b>434,600</b> | <b>978,250</b> | <b>1,041,350</b> |

- (1) Operating costs are for maintenance.  
 (2e) Operating costs are for debt service to be funded by the Water & Sewer Fund.  
 (3) Operating costs are for personal services.  
 (4) Operating costs are for utilities.  
 (6) Operating costs are for Fleet Maintenance.  
 (7) Operating costs are for metering.  
 (8) Operating costs are for chemicals and/or other operating supplies.

# CAPITAL IMPROVEMENT PROGRAM

## RECYCLING

The Recycling section includes projects that support the Recycling operations of the City. Included in this section are projects for the replacement of equipment and containers as well as the promotion of recycling participation. All projects are funded by the Recycling Fund.

Projects in this section support the *“Clearwater is a Wonderful Place to Live”* element of the City Council’s Vision and the following related priorities:

- ❖ A Safe Clean Green Environment
- ❖ Safe Comfortable Walkable Neighborhoods

| Project  | Funding                    | 2006/07        | 2007/08        | 2008/09        | 2009/10        | 2010/11        | 2011/12        | Total              |
|--|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|
| Recycling Container Acquisition                  | Recycling                  | 25,000         | 40,000         | 40,000         | 35,000         | 30,000         | 25,000         | 195,000            |
| Recycling Expansion R&R & Participation Programs | Recycling                  | 25,000         | 25,000         | 30,000         | 35,000         | 40,000         | 45,000         | 200,000            |
| Recycling Equipment Replacement                  | Recycling<br>L/P-Recycling | 120,000        | 160,000        | 160,000        | 160,000        | 160,000        | 170,000        | 650,000<br>280,000 |
| <b>Total Recycling</b>                           |                            | <b>170,000</b> | <b>225,000</b> | <b>230,000</b> | <b>230,000</b> | <b>230,000</b> | <b>240,000</b> | <b>1,325,000</b>   |

- 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.  
Comprehensive Plan Objective: (18.3) Continue to provide sound fiscal management for solid waste collection, disposal and recycling as it develops.
- 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 2006/07, funding will be used to 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; in FY 2009/10, funding will provide for shelter maintenance and loading dock repairs and in FY 2010/11, funding will provide for partial resurfacing of the processing floor in the Processing Center. In FY 2011/12, funding will provide for the resurfacing of the loading floor.  
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 2006/07, replacement/modifications of the 1992 Ford truck (hauler), the 1998 Ford Container truck, and the 2000 Chevrolet van.  
Comprehensive Plan Objective  
 (18.3) Continue to provide sound fiscal management for solid waste collection, disposal and recycling as it develops.

# CAPITAL IMPROVEMENT PROGRAM

## RECYCLING (continued)

### ANNUAL OPERATING BUDGET IMPACT

| Project                              | FTE's      | 2006/07       | 2007/08       | 2008/09       | 2009/10       | 2010/11       | 2011/12       |
|--------------------------------------|------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Recycling Equipment Replacement (2g) |            | 11,830        | 26,660        | 26,660        | 26,660        | 26,660        | 14,830        |
| <b>Total Recycling</b>               | <b>0.0</b> | <b>11,830</b> | <b>26,660</b> | <b>26,660</b> | <b>26,660</b> | <b>26,660</b> | <b>14,830</b> |

(2g) Operating costs are for debt service to be funded by the Recycling Fund.