

## Foreword to the Capital Improvement Plan

In accordance with Clearwater's Financial Management Ordinance, the six-year Capital Improvement Program has been reviewed and updated for the 2015/16 Preliminary Budget. The following pages describe the projects and show their projected timing and funding sources, as well as any additional operating costs.

The purpose of the Capital Improvement Program is to plan and better manage growth. During one of the recent State legislative sessions, the State of Florida relaxed the rules on growth by removing state government oversight of the comprehensive planning process. Still, the City of Clearwater continues the use of a formal Capital Improvement Program that has been in existence since fiscal year 1974/75, during that time local planning was poor. The Capital Improvement Plan provides the mechanism to implement the capital portion of the City Comprehensive Plan, providing a proven means to review and maintain the Cities infrastructure.

## Clearwater's Capital Improvement Program

This document includes a total of \$69,963,350 in projects for fiscal year 2015/16 and a six-year total of \$406,087,630.

### Penny for Pinellas Projects

The City has an ordinance requirement for a special hearing on Penny for Pinellas funded projects annually, prior to the adoption of the capital improvement budget, and at any time in which there is a proposed change to Penny for Pinellas project funding of \$500,000 or more. The City's most recent annual public hearing was held on September 4, 2014, and a revised plan was approved formally at that meeting.

The Council approved six-year plan includes \$47.7 million of Penny for Pinellas III projects over the six year plan, including \$6 million of projects in fiscal year 2015/16. The following Penny projects appear for the first time in the six-year capital improvement plan.

- Joe DiMaggio Sports Complex Multipurpose Fields – This new project, with a total budget of \$1,750,000, will provide for construction of three (3) multipurpose fields including site work, sub-drains in fields, irrigation, lighting and spectator areas. The funding in 2015/16 is a reallocation of Penny funds from the Youth Sports Fields Renovation project that was planned in fiscal year 2018/19.
- Cooper's Point Park Improvements – This new project, with a total budget of \$600,000, will provide for the construction of an observation tower, supporting walking trails, and provides specific access points to Cooper's Point Park; and will conserve critical wetlands through preserving the land use as one for conservation and limited recreation. The Penny funding of \$150,000 is a reallocation of Penny funds from the Neighborhood Parks Renovations project that was planned in fiscal year 2016/17.
- Bridge Maintenance & Improvements – This existing project has added Penny III funding for a total budget of \$669,000 to provide the additional funds needed 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 bridges as necessary. The Penny funding in the amount of \$133,000 in fiscal years 2015/16 through 2018/19, and \$137,000 in fiscal year 2019/20 is reallocated from the City-wide Seawall Replacement project.

## Capital Improvement Plan - Introduction

- Sid Lickton Batting Tunnels – This new project, with a total budget of \$100,000 will provide for the construction of outdoor batting tunnels to be used by City co-sponsored groups. The Penny funding of \$50,000 is a reallocation of Penny funds from the Youth Sports Fields Renovation project that was planned in fiscal year 2017/18.
- Morningside Recreation Center Replacement – This project has been added to the project list with a budget of \$2,580,000. The funding will provide additional funds needed for the construction of a new facility. The funding in 2016/17 has been reallocated from Undesignated Future Penny Projects.
- Crest Lake Park Improvements – This project has been established in the amount of \$250,000 to provide funding for the conceptual design and permitting necessary for the future construction project. The 2015/16 funding has been reallocated from the Neighborhood Parks Renovation project that was planned for fiscal year 2016/17.

### Penny for Pinellas Changes

Lakeview Fire Station – Originally funded for fiscal years 2016 and 2017 in the amount of \$400,000 and \$3,798,460 respectively, the funding periods have been postponed to fiscal year 2018 (\$400,000) and fiscal year 2019 (\$3,798,460). This was due to issues related to the possible change in location for the Lakeview station, the availability of appropriate property, and the need for more analysis of the need to move this station.

Clearwater Beach Fire Station – Originally funded for fiscal years 2018 and 2019 in the amount of \$400,000 and \$3,905,560 respectively, but due to the changes required for the Lakewood Fire station, the funding has been moved up to fiscal year 2016 (\$400,000) and fiscal year 2017 (\$3,905,560).

Youth Sports Field Renovations – Penny funding in the amount of \$1,750,000 planned for fiscal year 2019, has been reallocated to the Joe DiMaggio Multipurpose Fields project in fiscal year 2016. Also, Penny funding in the amount of \$93,500 for planned for fiscal year 2018 has been reallocated; \$50,000 to the Sid Lickton Batting Tunnels project to be utilized in fiscal year 2017, and \$43,500 to the Countryside Plex Restroom/Concession to be utilized in fiscal year 2016.

City-wide Seawall Replacement – Penny funding has been reduced by \$669,000 and reallocated to Bridge Maintenance & Improvement project.

Bicycle Paths-Bridges – Originally planned for allocation in fiscal year 2017 in the amount of \$750,000, Penny funds have been amended to fund \$250,000 in fiscal year 2015 and the remaining \$500,000 will be funded in fiscal year 2016.

Countryside Plex Restroom/Concession/Storage – Originally funded in the amount of \$656,500, the project funding has been increased by \$43,500 reallocated from the Youth Sports Fields Renovation project.

Neighborhood Parks Renovations – Penny funding in the amount of \$150,000 planned for fiscal year 2017, has been reallocated to the new Cooper's Point Park Improvements project in fiscal year 2016.

## Project Highlights

Other significant projects that are appearing for the first time in the six-year Capital Improvement Plan include the following:

## Capital Improvement Plan - Introduction

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Public Works Complex: This project provides for the redevelopment of the City's Public Works Complex (PWC). The master plan for redevelopment of the PWC includes demolition of nearly all existing buildings and new construction of hardened structures to accommodate the following Divisions: Utilities, Stormwater, Street and Sidewalks, Traffic, Urban Forestry, Survey and storage for Information Technology. The project contains five phases beginning in fiscal year 2016 with estimated completion in 2030. The six year plan includes funding for fiscal years 2016 – 2020 which totals \$16,554,180.

Police District 3 Sub Station: The project provides for the construction of a two story structure that will house the patrol operations and training facilities. The new structure would replace the Sub-station that was originally constructed in 1983, and the doublewide trailer currently used as the training facility. The funding source for this project will be General Fund revenue in the amount of \$200,000 in fiscal year 2016 and the remaining amount of \$3,305,000 has not been determined for fiscal year 2017.

Pelican Walk Parking Garage: This project will provide funding for 450 public parking spaces inside of Pelican Walk Parking Garage on Clearwater Beach. Parking fund revenue will be utilized in fiscal year 2016 in the amount of \$2,000,000 and the remaining funding of \$9,300,000 has not been determined for fiscal year 2017.

Gas System – Pasco Building: This project will provide funding for a new office building that will be located near State Road 54 and Starkey Boulevard. The project will be funded with \$2,000,000 of Gas revenue in fiscal year 2016.

U.S. 19 Wayfinding Project: This project provides for the restructure and re-focus of development on the U.S. 19 corridor utilizing “Wayfinding Signage” to brand and promote key activity center locations and to facilitate access in the U.S. 19 Corridor. The project will be funded with Special Program Fund revenues, in fiscal years 2016 and 2017 in the amount of \$900,000 and \$500,000 respectively.

Jack Russell Demolition and Refurbishment: The project will provide for the demolition and removal of several buildings and structures at Jack Russell Stadium which will no longer be needed once the current lease with the Winning Inning expires in 2017. The project will be funded in fiscal year 2016 utilizing \$100,000 in General Fund revenue and \$100,000 in grant revenue.

New Muliplane Hangar: This project provides funding for the construction of a specialty hangar that is larger than the existing “T” hangars and will provide office spaces for our business clients. The project will be funded in fiscal year 2017 utilizing \$560,000 in grant revenue from the Florida Department of Transportation, and matching funds of \$140,000 in Airpark revenue.

Permanent Terminal Building: This project provides funding for the construction of a new permanent terminal at the Clearwater Airpark. The project is planned for fiscal year 2020, funded with grant revenue of \$3,040,000 from the Florida Department of Transportation with matching funds of \$760,000 which have yet to be determined.

Radio P25 Upgrade: The first phase of this project provided funding for the P25 upgrade and the replacement of the old portable and mobile radios and accessories for the Police Department planned in fiscal year 2015 and 2016. The project was amended to complete Phase I in fiscal year 2015, utilizing planned 2016 funding. The next phase, now planned in fiscal year 2016, will complete the two part terminal migration of approximately 500 non-public safety communications system users. In fiscal years 2017 and 2018, the funding will provide for the final build out of the system infrastructure. Funding for this project is planned with Garage Fund Lease Purchase budgeted at \$500,000 in fiscal year 2016, 2017 and 2018.

# Capital Improvement Plan - Introduction

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## Administration of the Capital Improvement Fund

### Policies and Procedures

Capital Projects are utilized to account for resources used in the acquisition and construction of capital facilities and fixed assets. The City Council adopts the first year, fiscal year 2015/16, of the six-year Capital Improvement Program as the Capital Improvement Budget. The appropriation of annual transfers to the Capital Improvement Fund is included in the budget of the specific source fund. Individual project budgets for the Capital Improvement Program are approved on a multi-year program basis and do not lapse at year-end.

### Authorization

The City of Clearwater Code of Ordinances, Chapter 2 (Section 2.516), sets forth the requirements for a Capital Improvement Program and Budget.

### Responsibility

It is the responsibility of the department director charged with delivery of specific City services to anticipate the need for capital improvement expenditures in advance of having to initiate projects. This enables the development of a long-range financial plan to fund these needs. Further, it is the responsibility of the department director to ensure the long-range capital objectives interface and are consistent with the City of Clearwater's Long-Range Comprehensive Plan and the City of Clearwater's Vision and Strategic Direction.

### Rate Studies

This six-year Capital Improvement Plan includes all projects as outlined in the most recent Council approved rate studies for Stormwater, Water & Sewer, Solid Waste and Recycling.

## DEFINITIONS

**Capital Improvement Project:** A property acquisition, a major construction undertaking, or a major improvement to an existing facility or property, with a minimum useful life of at least three years and a cost greater than \$25,000.

**Capital Improvement Program:** A comprehensive schedule of approved capital improvement projects indicating priority as to urgency of need and ability to finance. The program shall be for a six-year period, the first year of which shall be adopted as the next fiscal year's capital budget. The program shall be revised annually and projected an additional year to allow for changed conditions and circumstances. Each fiscal year, the capital improvement program shall be submitted to the City Council for approval.

**Capital Improvement Budget:** The capital budget covers those approved projects contained in the first year of the six-year capital improvement program. The approved Capital Improvement Budget establishes the total dollar cost of each project and the source of revenue. Any change, which increases the cost of a project or changes the revenue source, must be approved by an amendment through the City Council.

**Ongoing Projects:** Ongoing projects do not automatically lose the previous year's budgeted amount, but are cumulative in nature, i.e., the previous fiscal year's remaining balance is added to the new approved budgeted amount.

### **Future Bond Issue: Stormwater and Water & Sewer Projects:**

Some projects may identify a funding source as "Future Bond Issue". These projects have been identified as needed, but currently there is no funding source available. It is anticipated that a future bond issue will provide funding for these projects.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## POLICE PROTECTION

This section includes all major computer technology and equipment needs for the Police Department. All Police 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 Police Department vehicles. Any facility renovations and or new construction would typically be funded with Penny for Pinellas revenue.

Projects in the Police Protection section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Efficiency

- Access public-private organizations and resources when appropriate.



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
91152								
<b>Police District 3 Sub Station</b>								
	General Fund	200,000						200,000
	T.B.D.		3,305,000					3,305,000

This project provides for the construction of a two story structure that will house the patrol operations and training facilities. The new structure would replace the Sub-station that was originally constructed in 1983, and the doublewide trailer currently used as the training facility. Included in the training section will be the training complex office, workshop, armory, ammunition room and training classroom. Combining the training facilities and patrol operations into a single structure will release valuable real estate and allow the Police department to take advantage of enhanced training opportunities to address ever changing public safety challenges. It will also provide more flexibility and efficiency within the Patrol and Services Divisions of the Clearwater Police Department.

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<b>Total Police Protection:</b>	<b>200,000</b>	<b>3,305,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,505,000</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## 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 the Fire Protection section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Efficiency

- Access public-private organizations and resources when appropriate.



### Quality

- Proactively maintain and reinvest in our infrastructure.
- Continuously measure and improve our performance.



### Financial Responsibility

- Evaluate additional funding options when appropriate.
- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.
- Ensure timely emergency preparation, response, and recovery.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
91218								
<b>Fire Engine Replacement</b>								
	Penny III	571,820						571,820
	L/P General Fund				643,220	668,950		1,312,170

This project provides for the replacement of one (1) of the eight (8) front line fire engines each year, on average, as they reach the end of their service life as front line units. Engines removed from front-line service may move to the reserve fleet and an older reserve unit may be retired. 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.

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

91229								
<b>Replace &amp; Upgrade Air Packs</b>								
	General Fund	25,000	26,000	27,040	28,120	29,240	30,410	165,810

This project provides for the replacement of breathing apparatus needed for worn or damaged front line units. Funding is included to replace 20 self contained breathing (SCBA) air tanks annually and provide replacement repair parts. Funding is partially reimbursed by the County since the equipment also serves the unincorporated area of the Clearwater Fire District.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## FIRE PROTECTION

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
91236								
<b>Rescue Vehicle</b>								
	L/P General Fund	190,000	240,000	240,000		240,000	240,000	1,150,000

This project provides for the scheduled replacement of Fire/EMS first response vehicles. Clearwater Fire and Rescue provides EMS services on behalf of Pinellas County and the current contract allows for replacing five (5) rescue units after a minimum service life of five years.

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

91257

### Auto External Defibrillator Program

General Fund	32,350	20,500	20,500	20,500	21,320	22,170	137,340
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The Department oversees fifty-four (54) biphasic Lifepak AED devices currently in key City facilities such as City Hall, MSB, Libraries, Police, Fire department facilities, and on vehicles and apparatus. Thirteen (13) units will be replaced in FY 2016 and eight (8) each year thereafter. Funding for replacement is partially reimbursed by the County since the equipment also serves the unincorporated area of the Clearwater Fire District.

91259

### Radio Replacements

L/P General Fund			1,155,000				1,155,000
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Pinellas County Communications has adopted the APCO (International Association of Public Safety Communicators) Project 25 communication standards. This project includes funding in FY 2017/18 for the replacement of radios when the current technology reaches its end of serviceable life. 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 (TIC)

General Fund	25,270	26,030	27,070	28,150	29,280	30,450	166,250
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This project will provide funding for the replacement of two (2) thermal imaging cameras annually. 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

General Fund	191,380	199,040	207,000	215,280	223,890	232,850	1,269,440
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This project provides funding for the complete outfitting of all personnel with the new Personal Protective Equipment (PPE). 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. The Department has 210 sets of PPE gear and would replace 42 sets in an average year. An additional 16 sets are budgeted to replace unrepairable gear damaged during fires. 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.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## FIRE PROTECTION

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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91263

### Extrication Tools

General Fund			56,000			65,000		121,000
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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.

91264

### Fire Hose Replacement

General Fund		40,570	41,790	43,040	44,330	45,660	47,030	262,420
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This project provides funding to purchase replacement fire hoses. Funding will be partially reimbursed by the County, as the equipment will help serve any unincorporated residents of the Clearwater Fire District.

91269

### Clearwater Beach Fire Station

Penny III		400,000	3,905,560					4,305,560
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This project will provide funding for the renovation/reconstruction of the existing Clearwater Station #46. This facility will be approximately 55 years old at the time of planned renovation/reconstruction. The facility was not constructed to accommodate a diverse workforce, and the technological changes that have occurred since its construction in 1964. The current geographic location of the station continues to serve the community.

912xx

### Lakeview Fire Station

Penny III				400,000	3,798,460			4,198,460
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This project will provide funding for the renovation/reconstruction of the existing Clearwater Station #47. This facility will be approximately 43 years old at the time of planned renovation/reconstruction. The facility was not constructed to accommodate a diverse workforce, and the technological changes that have occurred since its construction in 1974. The current geographic location of the station continues to serve the community.

912xx

### Fire Boat

L/P General Fund			343,000			68,000		411,000
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This project will provide funding for the replacement of the department's two fire boats, Marine 44 in FY 2017, and Marine 49 in 2020. Marine 44 was purchased in 2008 and Marine 49 was acquired from another city department in 2010. Funding will be partially reimbursed by the County, as the equipment will help serve any unincorporated residents of the Clearwater Fire District.

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

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## FIRE PROTECTION

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
912xx								
<b>Ladder Truck Replacement</b>								
	L/P General Fund			1,155,820			1,592,800	2,748,620

This project will provide funding for the purchase and equipping of a replacement aerial unit for one of the three (3) existing 2006 Pierce Aerial vehicles in FY 2017/18 and a second 2006 unit in FY 2020/21. Funding will be partially reimbursed by the County, as the equipment will help serve any unincorporated residents of the Clearwater Fire District.

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

<b>Total Fire Protection:</b>	<b>1,476,390</b>	<b>4,857,920</b>	<b>3,275,470</b>	<b>4,778,060</b>	<b>1,391,340</b>	<b>2,195,710</b>	<b>17,974,890</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## 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. Sidewalks are maintained to comply with American with Disabilities Act (ADA) requirements, to provide new sidewalks where requested and to repair and replace existing sidewalks on an as-needed basis. The goal of the street maintenance program is to maintain an overall roadway network Pavement Condition Index (PCI) of 70 for city maintained streets.

Projects in the Major Street Maintenance section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Facilitate Development of the Economy" and to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### **Increase Economic Opportunity**

- Continue building a business friendly environment.



### **Develop and Promote our Brand**

- Engage neighborhoods and the business community to create our economic identity and communicate that identity effectively.
- Ensure that our residents and visitors are familiar with the whole offering of community amenities.



### **Quality**

- Proactively maintain and reinvest in our infrastructure.



### **Financial Responsibility**

- Set priorities and spend money aligned with the Strategic Direction.



### **Safety**

- Reinforce standing as a safe community, especially with visitors.

<b>Project # / Project Name</b>	<b>Funding Source</b>	<b>2015/16</b>	<b>2016/17</b>	<b>2017/18</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>Total</b>
92274								
<b>Bridge Maintenance &amp; Improvements</b>								
	Gas Tax	1,163,330	1,175,000					2,338,330
	T.B.D.			1,186,750	1,186,750	1,186,750	1,319,750	4,880,000
	Penny III	133,000	133,000	133,000	133,000	137,000		669,000

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 bridges as necessary.

Comprehensive Plan Objective: (B.2.1) Roadway improvements to obtain desired Levels of Service must be included in City capital budgets. The City shall actively participate, on a continuing basis, with both the staff and elected official support, in the preparation, adoption and implementation of transportation plans and expenditure programs of the M.P.O., P.S.T.A., Board of County Commissioners, and the F.D.O.T.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## MAJOR STREET MAINTENANCE

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
92276								
<b>Traffic Calming Program</b>								
	Gas Tax	25,000	25,000					50,000
	Trans Impact	150,000	150,000					300,000
	T.B.D.			150,000	150,000	150,000	150,000	600,000
	Penny III	170,000	170,000	170,000	170,000	170,000		850,000

This project is to promote traffic calming within Clearwater neighborhoods and establishment of a methodology for implementation. Traffic calming serves to reduce speeding and deter cut-through traffic, resulting in safe neighborhoods for pedestrians and vehicular traffic. These projects provide comprehensive neighborhood solutions using various traffic calming elements as deemed necessary for the particular location. Neighborhood involvement from the beginning is crucial to the success of traffic calming projects. City staff is to implement in succeeding years through capital programming. Specific projects in FY 2015/16 will include the start of Greenlea Otten and completion of Wood Valley.

Comprehensive Plan Objective: (A.6.5.2) On an ongoing basis, the City shall explore traffic calming techniques in the effort to improve safety and promote a livable environment within the City's residential and tourist areas.

92277

### Streets & Sidewalks

Road Millage	2,015,100	2,015,100	2,015,100	2,015,100	2,015,100	2,015,100	2,015,100	12,090,600
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This project provides continuous maintenance for deterioration prevention of City streets and sidewalks. Various street maintenance methods are employed, however the most common maintenance technique is milling and overlaying. Work on streets include curb repair, replacement and striping. The project also provides for the maintenance, repair and construction of sidewalks on a continuous, as needed basis.

Comprehensive Plan Objective: (B.2.1) Roadway improvements to obtain desired Levels of Service must be included in City capital budgets. The City shall actively participate, on a continuing basis, with both the staff and elected official support, in the preparation, adoption and implementation of transportation plans and expenditure programs of the M.P.O., P.S.T.A., Board of County Commissioners, and the F.D.O.T.

922xx

### Downtown Streetscaping

Penny III		2,000,000	2,000,000	2,000,000				6,000,000
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This project will continue the downtown Streetscaping theme completed on Cleveland Street between Osceola and Myrtle Avenues. This project will focus on streets within the downtown area between Court and Drew Streets and between Myrtle and Highland Avenues.

<b>Total Major Street Maintenance:</b>	<b>3,656,430</b>	<b>5,668,100</b>	<b>5,654,850</b>	<b>5,654,850</b>	<b>3,658,850</b>	<b>3,484,850</b>	<b>27,777,930</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## SIDEWALKS

This section includes all new sidewalk construction projects. These projects are traditionally funded Road Millage or Penny for Pinellas revenue.

Projects in the Sidewalks section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Facilitate Development of the Economy" and to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Increase Economic Opportunity

- Continue building a business friendly environment.



### Develop and Promote our Brand

- Engage neighborhoods and the business community to create our economic identity and communicate that identity effectively.
- Ensure that our residents and visitors are familiar with the whole offering of community amenities.



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
92339								
<b>New Sidewalk Construction</b>								
	Penny III	472,000	472,000	472,000	472,000	473,250		2,361,250
	T.B.D.						473,250	473,250

This project provides for construction of new sidewalks and ADA Upgrades throughout the City. Locations will be prioritized from the City streets, which are identified in the City Bicycle and Pedestrian Master Plan and as requested by residents.

Comprehensive Plan Objective: (A.6.8.5) Provide easy access to residential, commercial and recreational areas by providing direct routes such as trails and continuous sidewalks between destinations, in order to minimize potential conflicts between pedestrians and motor vehicles.

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<b>Total Sidewalk:</b>	<b>472,000</b>	<b>472,000</b>	<b>472,000</b>	<b>472,000</b>	<b>473,250</b>	<b>473,250</b>	<b>2,834,500</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## 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 Local Option Gas Tax 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 the Intersection section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
92559								
<b>City-Wide Intersection Improvements</b>								
	T.B.D.			46,990	30,410	30,400	30,390	138,190
	Gas Tax	50,000	50,000					100,000

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. May also include the installation of speed humps and/or tables.

Comprehensive Plan Objective: (B.2.1) Roadway improvements to obtain desired Levels of Service must be included in City capital budgets. The City shall actively participate, on a continuing basis, with both the staff and elected official support, in the preparation, adoption and implementation of transportation plans and expenditure programs of the M.P.O., P.S.T.A., Board of County Commissioners, and the F.D.O.T.

92560								
<b>Signal Renovation</b>								
	Gas Tax	100,000	100,000					200,000
	T.B.D.			100,000	100,000	100,000	100,000	400,000

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: (H.2.2) The City shall adopt the Florida Department of Transportation level of service standards for State primary and secondary arterials as they be modified by additional service designations approved by F.D.O.T. and shall use intergovernmental coordination agreements to secure maximum City control over access and management of roads in Clearwater. 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. (B.2.1) Roadway improvements to obtain desired Levels of Service must be included in City capital budgets. The City shall actively participate, on a continuing basis, with both the staff and elected official support, in the preparation, adoption and implementation of transportation plans and expenditure programs of the M.P.O., P.S.T.A., Board of County Commissioners, and the F.D.O.T.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## INTERSECTIONS

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
92561								
<b>New Signal Installations</b>								
	Trans Impact	40,000	40,000	40,000	40,000	40,000	40,000	240,000

The project provides for new traffic signals installed at previously unsignalized intersections that meet traffic signal warrants and / or replacement of span wire with mast arms and/or installation of RRFB's (Rectangular Rapid Flashing Beacons) or other pedestrian flashers.

Comprehensive Plan Objective: (H.2.2) The City shall adopt the Florida Department of Transportation level of service standards for State primary and secondary arterials as they be modified by additional service designations approved by F.D.O.T. and shall use intergovernmental coordination agreements to secure maximum City control over access and management of roads in Clearwater. 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. (B.2.1) Roadway improvements to obtain desired levels of service must be included in City capital budgets.

92562								
<b>Intersection Improvements</b>								
	Gas Tax	100,000	100,000					200,000
	Trans Impact			100,000	100,000	100,000	100,000	400,000
	Road Millage	45,000	45,000	45,000	45,000	45,000	45,000	270,000

These are intersection improvements of a relatively major nature to facilitate traffic flow by increasing the capacity of the intersection. Specific projects in FY 2015/16 may include the intersection at Fort Harrison and Lakeview.

Comprehensive Plan Objective: (B.2.1) Roadway improvements to obtain desired levels of service must be included in City capital budgets. The City shall actively participate, on a continuing basis, with both the staff and elected official support, in the preparation, adoption and implementation of transportation plans and expenditure programs of the M.P.O., P.S.T.A., Board of County Commissioners, and the F.D.O.T.

<b>Total Intersections:</b>	<b>335,000</b>	<b>335,000</b>	<b>331,990</b>	<b>315,410</b>	<b>315,400</b>	<b>315,390</b>	<b>1,948,190</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## 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 the Parking section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Facilitate Development of the Economy" and to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Diversify the Economic Base

- Develop downtown and US 19 N.
- Maintain tourism commitment, including sports tourism.



### Increase Economic Opportunity

- Continue building a business friendly environment.



### Develop and Promote our Brand

- Engage neighborhoods and the business community to create our economic identity and communicate that identity effectively.
- Ensure that our residents and visitors are familiar with the whole offering of community amenities.



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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92652

#### Parking Lot Resurfacing

Parking Fund	61,000	61,000	50,000	50,000	50,000	50,000	50,000	322,000
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The project provides for the resurfacing of various City Parking System lots as determined necessary by the Engineering department.

92654

#### Parking Lot Improvements

Parking Fund	150,000	150,000	150,000	150,000	150,000	150,000	150,000	900,000
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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, pay stations, parking revenue control equipment and sign upgrades. Also included is the construction of temporary lots, as needed.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## PARKING

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
92656								
<b>Pelican Walk Parking Garage</b>								
	Parking Fund	2,000,000						2,000,000
	T.B.D.		9,300,000					9,300,000

This project provides funding for 450 public parking spaces inside of Pelican Walk Parking Garage on Clearwater Beach.

Comprehensive Plan Objective: (A.6.6) Tourism is a substantial element of the City's economic base and as such the City shall continue to support maintenance and enhancement of this important economic sector.

Annual Operating Costs: Annual costs include personal services for three (3) F.T.E.'s in the amount of \$119,350 and other operating expenses for insurance, equipment repair, utilities, etc. in the amount of \$238,700.

92657								
<b>Parking Facilities</b>								
	Parking Fund	178,000	179,500	181,000	182,500	184,000	184,000	1,089,000

This project provides for funding maintenance, repair and any safety concerns for all current and future parking facilities. This project will also fund research and studies of future parking facilities.

Comprehensive Plan Objective: (A.6.6) Tourism is a substantial element of the City's economic base and as such the City shall continue to support maintenance and enhancement of this important economic sector.

926xx								
<b>Downtown Parking Garage</b>								
	T.B.D.		9,792,000					9,792,000

This project provides for the construction of a five level, 567 space, parking garage downtown (exact location TBD) to serve the proposed Clearwater Marine Aquarium and other downtown businesses.

Comprehensive Plan Objective: (A.6.6) Tourism is a substantial element of the City's economic base and as such the City shall continue to support maintenance and enhancement of this important economic sector.

Annual Operating Costs: Annual costs include personal services for three (3) F.T.E.'s in the amount of \$100,000 and other operating expenses for insurance, equipment repair, utilities, etc. in the amount of \$400,000.

<b>Total Parking:</b>		<b>2,389,000</b>	<b>19,482,500</b>	<b>381,000</b>	<b>382,500</b>	<b>384,000</b>	<b>384,000</b>	<b>23,403,000</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## 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 Downtown Intermodal Facility project is now included in this section to be funded in the later years of this plan. The larger construction projects may be funded from a variety of sources including Penny for Pinellas proceeds.

Projects in the Miscellaneous Engineering section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Facilitate Development of the Economy" and to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Diversify the Economic Base

- Develop downtown and US 19 N.
- Maintain tourism commitment, including sports tourism.



### Increase Economic Opportunity

- Continue building a business friendly environment.
- Recognize the value of transit oriented development.



### Develop and Promote our Brand

- Engage neighborhoods and the business community to create our economic identity and communicate that identity effectively.
- Ensure that our residents and visitors are familiar with the whole offering of community amenities.



### Efficiency

- Access public-private organizations and resources when appropriate.



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
92839								
<b>Downtown Intermodal Facility</b>								
	Penny III					2,425,000		2,425,000

This project would provide for the construction of a new Intermodal Terminal in downtown Clearwater which would allow the opportunity for growth and expansion of public transit, including Bus Rapid Transit (BRT) service to Clearwater Beach. This facility could provide for a variety of travel modes including: bike, pedestrian, taxi, charter bus, local bus and premium bus/BRT modes. A new terminal is consistent with the downtown redevelopment concepts and the Long-range Transportation Plan for Fixed Guideway/Light Rail Service. Penny III funding has been reduced \$3,000,000 and the project funding moved out to fiscal year 2019/20.

Comprehensive Plan Policy: (B.4.3.2) Where appropriate, the City shall support the placement and / or improvements of the local transit service terminal in the downtown.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## MISCELLANEOUS ENGINEERING

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
92841								
<b>Miscellaneous Engineering</b>								
	General Fund	35,000	35,000	35,000	35,000	35,000	35,000	210,000

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.

92842								
U.S. 19 Wayfinding Project								
	Special Program Fund	900,000	500,000					1,400,000

This project provides for the restructure and re-focus development in the U.S. 19 corridor utilizing "Wayfinding Signage" to brand and promote key activity center locations and to facilitate access in the U.S. 19 Corridor.

Comprehensive Plan Objective: (A.5) The City of Clearwater shall identify and utilize a citywide design structure comprised of a hierarchy of places and linkages. The citywide design structure will serve as a guide to development and land use decisions while protecting those elements that make the City uniquely Clearwater. This is further supported by establishment of a hierarchy of places as called for in policies A.5.1.1 through A.5.1.8.

<b>Total Miscellaneous Engineering:</b>		<b>935,000</b>	<b>535,000</b>	<b>35,000</b>	<b>35,000</b>	<b>2,460,000</b>	<b>35,000</b>	<b>4,035,000</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## PARKS DEVELOPMENT

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 our parks, and 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 recreation facility impact fees.

Also, included in this section is a project for “Special Events Infrastructure” (funded with Special Event Fund revenue).

Projects in the Parks Development section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Facilitate Development of the Economy" and to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Diversify the Economic Base

- Maintain tourism commitment, including sports tourism.



### Increase Economic Opportunity

- Continue building a business friendly environment.



### Develop and Promote our Brand

- Engage neighborhoods and the business community to create our economic identity and communicate that identity effectively.
- Ensure that our residents and visitors are familiar with the whole offering of community amenities.



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
93203								
<b>Carpenter Field Infrastructure Repairs &amp; Improvements</b>								
	General Fund	30,000	30,000	30,000	40,000	40,000	50,000	220,000

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: (I.1.1.5.2) The 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 2016 THROUGH 2021

## PARKS DEVELOPMENT

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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93205

### Brighthouse Field Infrastructure Repairs / Improvements

General Fund	120,000	150,000	150,000	150,000	150,000	150,000	150,000	870,000
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This project provides for the phased repairs and improvements needed at the Brighthouse Field, according to the Joint Project Agreement (JPA) between the City of Clearwater and the Phillies. This project will allow for the Brighthouse Field to be maintained in a manner to meet current major league professional standards. The stadium is reaching an age where major maintenance renovations are needed, including painting steel infrastructure, air conditioner replacements, roofing, painting exterior of stadium etc. A maintenance and repair master plan for Brighthouse is being prepared in 2014/2015 and will be used to develop separate CIP projects to address these larger renovations.

Comprehensive Plan Objective: (I.1.1.5.2) The repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

93247

### Fitness Equipment Purchase & Replacement

General Fund	50,000	30,000	50,000	50,000	30,000	30,000	240,000
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This project provides for the phased replacement of old, worn out and over used fitness equipment and new pieces at the City's five (5) fitness centers.

Comprehensive Plan Objective: (G.1.1) The City shall ensure that parks, open space, trails and recreation facilities are efficiently and adequately maintained for all segments and districts of the population according to the level of service standards established for the City. (I.1.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards of levels of service.

93251

### Morningside Recreation Center Replacement

Penny III	2,580,000							2,580,000
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This project provides for the construction of a new recreation center at the Morningside Recreation Complex. The new center will replace an old renovated bar and restaurant that was used as a recreation center for many years prior to its removal in 2010. The remainder of the park was previously renovated in 2010. The recreation center is proposed to be approximately 22,000 square feet and provide a variety of recreation program spaces and programs similar to the Countryside Recreation Complex. Design for the Center will take place beginning in fiscal year 2015/2016 from existing funds so that construction can begin in fiscal year 2016/2017.

Comprehensive Plan Objective: (I.1.1.5.2) The repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

93271

### Swimming Pool Renovations and Repairs

General Fund	90,000	100,000	100,000	100,000	150,000	150,000	690,000
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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.

Comprehensive Plan Objective: (I.1.1.5.2) The 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 2016 THROUGH 2021

## PARKS DEVELOPMENT

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
93272								
<b>Bicycle Paths-Bridges</b>								
	Penny III	500,000		750,000	750,000			2,000,000
	Grant	200,000						200,000

This project provides for the construction of recreation trails throughout the city for walking, jogging, inline skating, bicycling and equestrian uses. May include but not limited to projects such as segments of the Ream Wilson Trail, Bayshore Drive Trail, Courtney Campbell Causeway Trail, and trails within park boundaries. Funding for 2015/16 will be used to improve a portion of the Ream Wilson Trail between the southern boundary of N.E. Coachman Park and the Duke Energy Trail at Carpenter Field and replace a bridge on the trail north of Carpenter field.

Comprehensive Plan Objective: (G.1.3) Continue to increase the supply of core system parkland in areas needing additional neighborhood parks. (G.1.3.4) Address the varying needs of the City's diverse population when creating and implementing parks and recreation plans, with special attention to the needs of those who may have significantly limited recreational alternatives.

93278								
<b>Long Center Infrastructure Repairs</b>								
	General Fund	100,000	100,000	100,000	100,000	100,000	100,000	600,000

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, ball field, etc.

Comprehensive Plan Objective: (I.1.1.5.2) The repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

93286								
<b>Parking Lot/Bicycle Path Resurfacing &amp; Improvements</b>								
	General Fund	50,000	60,000	60,000	60,000	70,000	100,000	400,000

This project includes regularly resurfacing of parking lots and bicycle paths to prevent deterioration that are considered unsafe for public use and may include minor improvements to those parking lots and bicycle paths being resurfaced.

Comprehensive Plan Objective: (I.1.1.5.2) The repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards of levels of service.

93602								
<b>Special Events Equipment Repairs &amp; Replacement</b>								
	Sp Events Revenue	35,000	30,000	30,000	30,000	30,000	30,000	185,000

This project provides for the purchase, repair and replacement of such items as sound equipment, chairs, tables, tents, etc. used by the Special Events Division for special events, grand openings, dedications, celebrations, etc. The equipment used by this Division wears out from heavy use.

Comprehensive Plan Objective: (I.1.1.5.2) The 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 2016 THROUGH 2021

## PARKS DEVELOPMENT

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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93604

### Boardwalks & Docks Repair & Replacement

General Fund	10,000	50,000	50,000	50,000	50,000	50,000	50,000	260,000
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This project provides funding for the repair and/or replacement of boardwalks, docks and viewing platforms in various parks and beach access points. There are over 48,000 square feet of wooden boardwalks, docks and viewing platforms throughout the City, including such parks as Moccasin Lake, Crest Lake and Ed Wright and areas such as Turner Street Dock, Magnolia Street Dock and wooden access boardwalks to Sand Key and Clearwater Beach. Replacement with recycled products will occur wherever possible.

Comprehensive Plan Objective: (I.1.1.5.2) The repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

93618

### Miscellaneous Parks & Recreation Contract Services

General Fund	25,000	30,000	30,000	30,000	30,000	30,000	30,000	175,000
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This is a capital improvement project to provide professional services which include architects, engineers and other professional consultants so that preliminary work can be completed prior to committing additional resources for major capital projects. Without this preliminary work it would be difficult to get accurate estimates for Council approval or for grant applications.

Comprehensive Plan Objective: (I.1.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service. (I.1.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

93633

### Pier 60 Park & Beachwalk Repairs and Improvements

General Fund	50,000	50,000	60,000	60,000	60,000	60,000	60,000	340,000
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This project provides for phased repairs and improvements needed at Pier 60 Park and Beachwalk, including seating, wall repair, site furniture, grounds renovations, irrigation repairs, etc. This project will allow Pier 60 Park to continue to be maintained and accommodate Special Event functions in a professional manner while serving as a premier destination facility. It allows for annual renovations and repairs needed to keep the Pier 60 Park area as well as the entire Beach Walk area as an attractive inviting beach experience for citizens and visitors to Clearwater Beach.

Comprehensive Plan Objective: (G.1.1) The City shall ensure that parks, open spaces, trails and recreation facilities are efficiently and adequately maintained for all segments and districts of population according to the level of service standards established for the City. (I.1.1.5) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

93634

### Concrete Sidewalk & Pad Repairs & Replacement

General Fund	45,000	50,000	50,000	50,000	50,000	60,000	60,000	315,000
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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: (G.1.1) The City shall ensure that parks, open space and recreation facilities are efficiently and adequately maintained for all segments and districts of the population according to the level of service standards established for the City.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## PARKS DEVELOPMENT

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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93635

### **Park Amenity Purchase, Repair & Replacement**

General Fund	100,000	80,000	80,000	80,000	80,000	80,000	80,000	500,000
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This project provides for the purchase, repair and replacement of such items as park identification signs, rules signs, lighting, 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 that have deteriorated.

Comprehensive Plan Objective: (G.1.1) The City shall ensure that parks, open space and recreation facilities are efficiently and adequately maintained for all segments and districts of the population according to the level of service standards established for the City.

93636

### **Tennis & Basketball Court Resurfacing**

General Fund	40,000	47,500	200,000	200,000	200,000	200,000	200,000	887,500
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This project provides for the scheduled resurfacing of tennis and basketball courts to prevent deterioration and also to ensure that the public can safely use. Due to the age of most of the courts (over 25 years) in fiscal year 2017/18 funding will increase to begin a program to rebuild the courts a minimum of three to four per year.

Comprehensive Plan Objective: (G.1.1) The City shall ensure that parks, open space and recreation facilities are efficiently and adequately maintained for all segments and districts of the population according to the level of service standards established for the City.

93637

### **Playground & Fitness Equipment Purchase & Replacement**

General Fund	75,000	120,000	200,000	150,000	150,000	150,000	150,000	845,000
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This project provides replacement of playground equipment and the purchase of new equipment at the City's playgrounds that are considered unsafe for public use. Included in this project is the appropriate support items such as safety resilient surfacing, landscaping, benches, shade shelters and fencing. 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: (G.1.1) The City shall ensure that parks, open space and recreation facilities are efficiently and adequately maintained for all segments and districts of the population according to the level of service standards established for the City.

93638

### **Fencing Replacement Program**

General Fund	75,000	80,000	85,000	100,000	100,000	100,000	100,000	540,000
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This project includes phased replacement of old, worn out and rusted fencing that is considered unsafe to the public at the various recreation sites and or purchase of new fencing needed to protect the public. 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. Fencing is replaced as needs arise, and replacements comply with all current code requirements.

Comprehensive Plan Objective: (I.1.1.5.2) The 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

## 2016 THROUGH 2021

### PARKS DEVELOPMENT

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
93648								
<b>Moccasin Lake Park Master Plan Renovations</b>								
	Penny III	400,000						400,000
	Grants	200,000						200,000

This project provides for renovations to Moccasin Lake Park in order to comply with the Master Plan for the Park and is in line with the major goals and objectives of the park. This park is over 32 years old and while it has grown in its programs and services to the community some of the infrastructure has far outlived its useful life and in need of renovations or demolition. Based on the direction of the new master plan emphasis is being placed on preserving the natural elements of the park and education for the public. Several of the existing buildings and amenities will be removed while others will be renovated.

Comprehensive Plan Objective: (G.1.1) The City shall ensure that parks, open spaces, trails and recreation facilities are efficiently and adequately maintained for all segments and districts of population according to the level of service standards established for the City. (I.1.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

93650

#### **Crest Lake Park Improvements**

Penny III	250,000							250,000
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This project will provide for the design, public engagement process and permitting needed for the renovations at Crest Lake Park in fiscal year 2015/2016. Construction funding for the project will be addressed in future capital improvement budgets once a design and cost have been approved. Improvements to the park may include sidewalk/path improvements; park amenities for example water fountains, benches and bike rack; restrooms; additional parking and landscaping improvements.

Comprehensive Plan Objective: (I.1.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service. (I.1.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

93651

#### **EC Moore 8 and 9 Renovations/Press Box**

Penny III	175,000							175,000
Grant	495,000							495,000

This project will provide for the renovations to the restroom concession building at EC Moore Fields 8 and 9 by adding a second story which will provide a press box area and meeting room space. The first story will be renovated to include upgraded and improved office, restroom and concession area. This project will allow for the City to attract national tournaments to Clearwater and provide additional space to meet the growing needs of the softball youth groups. In addition, new stadium bleachers and other technological improvements will be made to the facility.

Comprehensive Plan Objective: (I.1.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service. (I.1.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## PARKS DEVELOPMENT

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
93652								
<b>Countryside Plex Restroom/Concession/Storage</b>								
	Penny III	700,000						700,000
	Donations	100,000						100,000

This project provides for the construction of a new restroom/storage/concession building at the Countryside Sports Complex, similar to the building located at Countryside Community Park and Joe DiMaggio. The building will supply improved restrooms/concession and needed storage facility for all of the various activities held at this large complex. There are currently several small buildings which were constructed over twenty years ago that have been meeting this need however, they are inadequate and need to be replaced in an area that will be more accessible to all participants and visitors at the facility. Also, included in the building is a series of rooms that can be used for storage, meetings, and office areas as well as a fully functioning concession stand. The city will provide for minimal furnishing of the concession area as user groups will be responsible for operations of the concession areas.

Comprehensive Plan Objective: (G.1.1) The City shall ensure that parks, open spaces, trails and recreation facilities are efficiently and adequately maintained for all segments and districts of population according to the level of service standards established for the City. (I.1.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

93653								
<b>Countryside Community Park Renovations</b>								
	Penny III	100,000						100,000

This project provides for renovation to Countryside Community Park by refurbishing the existing outdoor basketball court and constructing an additional court to accommodate the growing need for basketball courts and to handle the larger demand for basketball leagues at Countryside Community Center. This center has only one indoor regulation court and one outdoor court.

Comprehensive Plan Objective: (I.1.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service. (I.1.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

93654								
<b>Recreation Centers Infrastructure Repairs</b>								
	General Funds	75,000	75,000	175,000	75,000	75,000	100,000	575,000

This project will provide for the replacement and repairs of various capital items at the various recreation centers in the City. Some of the infrastructure items that will need to be repaired or replace include furnishings, equipment, pool, parking lot, driveway, ball field, security systems, lighting, etc. Funds for 2015/16 may be used to replace lighting system in gym at Countryside, improve security systems at Ross Norton and North Greenwood Recreation Centers.

Comprehensive Plan Objective: (I.1.1.5.2) 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 2016 THROUGH 2021

## PARKS DEVELOPMENT

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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93655

### Joe DiMaggio Sports Complex Multipurpose Fields

	Penny III	1,750,000						1,750,000
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This project will provide for the first phase of construction of three (3) multipurpose fields including site work, sub-drains in fields, irrigation, lighting and spectator areas. The first phase will address construction of one new field located north of the existing football field and hopefully a portion if not all of two new fields on the existing parking lot adjacent to Drew Street. Phase II will be the completion of the fields as well as the construction of improved parking for Brighthouse Stadium and the complex in the area currently south of the baseball fields on existing grass fields.

Annual Operating Costs: Other operating expenditures to be funded by the General Fund in the amount of \$36,000 per year to cover increased utility costs and supplies needed to maintain the fields.

Comprehensive Plan Objective: (I.1.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service. (I.1.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

93656

### Jack Russell Demolition and Refurbishment

	General Fund	100,000						100,000
	Grant	100,000						100,000

This project will provide for the demolition and removal of several buildings and structures at Jack Russell Stadium which will no longer be needed once the current lease with the Winning Inning expires in 2017. The City will reclaim the baseball field, some buildings and practice infield for public use. These fields will become a part of the Walter Campbell Park Complex and will be managed by the City Park and Recreation department. There is a need for baseball fields in Clearwater so this will help meet the demand for fields. A portion of the funds will be used to renovate and repair the remaining facilities on the premises most notably the rest rooms.

Comprehensive Plan Objective: (I.1.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service. (I.1.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

93657

### Mini Bobcat Loader and Trailer

	L/P General Fund	35,000						35,000
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This project provides for the purchase of a new mini bobcat loader and trailer to be used by the Urban Forestry Section of the Parks and Recreation Department. Due to increase pressure to keep up with the number of tree trimming and removal projects, it was necessary to realign staffing resources to increase personnel in the forestry section. This section now has two separate crews that can work independently of one another, however one crew is not as productive as they could be with the additional piece of equipment.

Annual Operating Costs: Other operating expenditures to be funded by the General Fund in the amount of \$3,600 per year to cover fuel and maintenance costs.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## PARKS DEVELOPMENT

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
93658								
<b>Cooper's Point Park Improvements</b>								
	Penny III	150,000						150,000
	Grant	450,000						450,000

This project consists of the construction of an observation tower, supporting walking trails, and provides specific access points to Cooper's Point Park. Because the site does not presently provide designated access points, the site is being degraded by trespassers. The project will conserve critical wetlands through preserving the land use as one for conservation and limited recreation. This project is expected to decrease vagrancy by way of defined land use, and increased foot traffic. Building the educational observation tower and opening access to Cooper's Point will allow residents and visitors to enjoy the natural beauty that makes Clearwater special.

Comprehensive Plan Objective: (I.1.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service. (I.1.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

936xx

### Youth Sports Field Renovations

Penny III	114,840	114,840
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This project provides for renovation and improvements needed at the various City youth sports fields. Currently, the City maintains over fifty (50) sports fields, including baseball, soccer, football, lacrosse and multipurpose fields.

Comprehensive Plan Objective: (I.1.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

936xx

### Neighborhood Park Renovation

Penny III	850,000	1,250,000	1,250,000	750,000	4,100,000
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This project provides for renovation and improvements needed at various neighborhood parks in the City. Currently the City maintains and manages over 100 parks in the City ranging from small one acre parks to larger community parks. Many of these parks are in need of refurbishment and repair from years of continued use by the public. The City continues to perform maintenance on all of these parks to keep them in safe operating conditions, however, there has been no source of funds to make needed capital improvements and renovations. Parks like Bay Park on Sand Key, Coachman Ridge Park, Forest Run Park, Soule Road Park, Crest Lake Park, etc., all have various needs which will need to be addressed. Also, there are several parks that have little or no facilities and this project will allow the City to address these needs.

Comprehensive Plan Objective: (I.1.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service.

936xx

### Frank Tack Parking Lot

Penny III	399,500	399,500
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This project provides for the renovation of the existing restroom facility and improvement to the parking lot at Frank Tack fields. Currently, the parking lot does not meet city code requirements as it is a dirt parking lot and the restrooms are in need of renovations. The parking lot needs to be brought up to current standards and provide improved drainage systems for the property.

Comprehensive Plan Objective: (G.1.1) The City shall ensure that parks, open spaces, trails and recreation facilities are efficiently and adequately maintained for all segments and districts of population according to the level of service standards established for the City. (I.1.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## PARKS DEVELOPMENT

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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936xx

### Coachman Park Redevelopment

	Penny III					5,000,000		5,000,000
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This project provides for expansion of Coachman Park. The expansion will allow for a cohesive downtown waterfront as determined by the citizens of Clearwater that would support the economic and development goals of Clearwater.

Comprehensive Plan Objective: (G.1.5) Enhance and maintain the City's unique physical characteristics by making the best use of existing and potential lands and open spaces. (I.1.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

936xx

### Sid Lickton Batting Tunnels

	Penny III		50,000					50,000
	Donations		50,000					50,000

This project will provide for the construction of outdoor batting tunnels to be used by City co-sponsored groups as well as for tournaments held at Sid Lickton Complex. This project is designed to be a partnership project between the City and other local non-profit groups. The batting tunnels will have lights and thus a slight increase in operating expenses to cover the additional operating costs. This project was part of the original design for the Sid Lickton Complex but at the time of construction, funds were not available for completion of the tunnels. Also, these tunnels replace the old tunnels torn down with reconstruction of the complex.

Annual Operating Costs: Other operating expenditures to be funded by the General Fund in the amount of \$1,200 per year to cover increased utility costs.

Comprehensive Plan Objective: (I.1.1.5.2) A repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service. (I.1.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

936xx

### Administration Vehicle

	L/P General Fund		25,000					25,000
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This project provides for the purchase of a new sedan for use by the Parks and Recreation Director. The director is on call 24/7 and is in need of reliable transportation to perform the duties of his job. A small sedan is being requested for this purpose.

Annual Operating Costs: Other operating expenditures to be funded by the General Fund in the amount of \$6,000 per year to cover debt, fuel and maintenance costs.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## PARKS DEVELOPMENT

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
94878								
<b>Asset Management Upgrades</b>								
	Adm Svcs	60,000						60,000

This project provides for upgrading the technology throughout the Parks and Recreation Department primarily in the area of asset management systems for urban forestry, park infrastructure inventory, work order system, etc. This project will provide funding to cover the necessary license fees, professional data collection services and hardware.

Comprehensive Plan Objective: (G.1.1) The City shall ensure that parks, open spaces, trails and recreation facilities are efficiently and adequately maintained for all segments and districts of population according to the level of service standards established for the City. (I.1.1.5.3) New or expanded facilities that reduce or eliminate deficiencies in levels of service for existing demand.

Annual Operating Costs: Costs include for service and licensing maintenance. Estimated average yearly costs will be \$2,000.

<b>Total Parks Development:</b>	<b>6,735,000</b>	<b>5,037,000</b>	<b>3,564,840</b>	<b>3,325,000</b>	<b>7,125,000</b>	<b>1,440,000</b>	<b>27,226,840</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## 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., Marina operations are funded by the Marina & Aviation Fund and Clearwater Harbor Marine operations are funded by the Clearwater Harbor Marine Fund. 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 the Marine Facilities section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Facilitate Development of the Economy" and to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Diversify the Economic Base

- Maintain tourism commitment, including sports tourism.



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
93403								
<b>Beach Guard Facility Maintenance</b>								
	Parking Fund	20,000	20,000	25,000	25,000	25,000	25,000	140,000

This project provides funding for the repair and replacement, of equipment including the guard towers and structures on Clearwater Beach used by the Beach Guards. In FY 2015/16 a new tower will be constructed to replace a tower taken out of service in 2010.

93410								
<b>Clearwater Harbor Marina Maintenance</b>								
	Clearwater Harbor Marina Fund	25,000	25,000	25,000	25,000	25,000	25,000	150,000

This project provides funding for the continuous repair and/or replacement of electrical services, water services, fire protection equipment and structural components of the Clearwater Harbor Marina infrastructure.

93412								
<b>City-wide Seawall Replacement</b>								
	Penny III	150,000	150,000	150,000	150,000	150,000		750,000
	T.B.D.						150,000	150,000

This project provides funding to replace or upgrade seawalls as needed. There are numerous seawalls located on City property, many of which are reaching the end of their useful life. Replacement or upgrading of these seawalls prior to their failure is of vital importance to protect the upland uses adjacent to them.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## MARINE FACILITIES

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
93418								
<b>Utilities Service Replacement</b>								
	Marine Fund	20,000	20,000	20,000	20,000	20,000	20,000	120,000

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. In fiscal year 2015/16, the Beach Marina will be replacing electric pedestals.

93419								
<b>Dock R &amp; R</b>								
	Marine Fund	35,000	25,000	25,000	25,000	25,000	25,000	160,000

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.

93420								
<b>Fuel System R &amp; R</b>								
	Marine Fund	25,000	10,000	10,000	10,000	10,000	10,000	75,000

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.

93421								
<b>Marine Facility Maintenance</b>								
	Marine Fund	15,000	15,000	15,000	15,000	15,000	15,000	90,000

This project will provide funding for any facility that the Beach Marina is responsible for that requires maintenance and repairs or replacement of ramps and pilings. Also included in fiscal year 2015/16, will be funding for the replacement of the security system at the Beach Marina.

93497								
<b>Docks &amp; Seawalls</b>								
	General Fund	100,000	100,000	100,000	100,000	100,000	100,000	600,000

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.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## MARINE FACILITIES

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
93499								
<b>Pier 60/Sailing Center Maintenance</b>								
	General Fund	20,000	20,000	20,000	20,000	20,000	20,000	120,000

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. Also included in fiscal year 2015/16, will be funding for the replacement of the security system.

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<b>Total Marine Facilities:</b>	<b>410,000</b>	<b>385,000</b>	<b>390,000</b>	<b>390,000</b>	<b>390,000</b>	<b>390,000</b>	<b>390,000</b>	<b>2,355,000</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## AIRPARK FACILITIES

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

Projects in the Airpark Facilities section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Facilitate Development of the Economy" and to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Diversify the Economic Base

- Maintain tourism commitment, including sports tourism.



### Increase Economic Opportunity

- Continue building a friendly environment.
- Recognize the value of transit oriented development.



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Evaluate additional funding options when appropriate.
- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
94817								
<b>Airpark Maintenance &amp; Repair</b>								
	Airpark Fund	15,000	15,000	15,000	15,000	15,000	15,000	90,000

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

Comprehensive Plan Objective: (B.5.1.3) The City shall program adequate resources from facility users, enterprise funds, and grants to maintain aviation facilities.

94886

### Clearwater Airpark Masterplan Update

Airpark Fund	10,000	10,000
FDOT Grant	40,000	40,000

This project will provide funding for an update to the Masterplan which is the professional planning document for the Airpark. This is required to meet F.A.A. & F.D.O.T. standards before modifications are made to the Airpark facility that are not included in the current Masterplan completed in fiscal year 2000.

Comprehensive Plan Objective: (B.5.1.3) The City shall program adequate resources from facility users, enterprise funds, and grants to maintain aviation facilities.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## AIRPARK FACILITIES

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
948xx								
<b>Ground Support Equipment Upgrade</b>								
	Airpark Fund			20,000				20,000
	FDOT Grant			80,000				80,000

This project will provide funding for the replacement of ground support equipment at the Airpark that has reached the end of its useful life. The items to be replaced may include a "tug" for moving aircraft, and a fuel trailer for taking fuel to the aircrafts.

Comprehensive Plan Objective: (B.5.1.3) The City shall program adequate resources from facility users, enterprise funds, and grants to maintain aviation facilities.

948xx								
<b>Replace Hangar "C"</b>								
	Penny III				240,000			240,000
	FDOT Grant				960,000			960,000

This project will provide funding for razing hangar C, and rebuilding. This is a vintage 1960's building that is in poor condition and needs to be replaced. Airpark revenues are expected to increase with the rebuilding. The cost will include engineering assistance from City Engineers; and will include electrical work, plumbing, and general contracting.

Comprehensive Plan Objective: (B.5.1.3) The City shall program adequate resources from facility users, enterprise funds, and grants to maintain aviation facilities.

948xx								
<b>New Multiplane Hangar</b>								
	Airpark Fund		140,000					140,000
	FDOT Grant		560,000					560,000

This project will provide funding for the construction of a new multiplane hangar. This will be a specialty hangar, larger than existing "T" hangars, for business clients which will include office spaces.

Comprehensive Plan Objective: (B.5.1.3) The City shall program adequate resources from facility users, enterprise funds, and grants to maintain aviation facilities.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## AIRPARK FACILITIES

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
948xx								
<b>Permanent Terminal Building</b>								
	T.B.D.					760,000		760,000
	FDOT Grant					3,040,000		3,040,000

This project will provide funding for the construction of a new permanent terminal, taking the place of the temporary building put in place in 2005. This will include all phases of the planning and construction with the assistance of the City Engineering department.

Comprehensive Plan Objective: (B.5.1.3) The City shall program adequate resources from facility users, enterprise funds, and grants to maintain aviation facilities.

<b>Total Airpark Facilities:</b>	<b>65,000</b>	<b>715,000</b>	<b>115,000</b>	<b>1,215,000</b>	<b>3,815,000</b>	<b>15,000</b>	<b>5,940,000</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## 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 the Libraries section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Facilitate Development of the Economy" and to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Develop and Promote our Brand

- Engage neighborhoods and the business community to create our economic identity and communicate that identity effectively.
- Ensure that our residents and visitors are familiar with the whole offering of community amenities.



### Foster Community Engagement

- Preserve community history and culture.



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Evaluate additional funding options when appropriate.
- Set priorities and spend money aligned with the Strategic Direction.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
93531								
<b>North Greenwood Library Children's Discovery Area</b>								
	General Fund	27,600						27,600

The funding for this project will provide for the reconfiguration of the youth area so that hands-on interactive exhibits and learning labs can be utilized.

93532								
<b>Library Maker Space Maintenance and Upgrade</b>								
	General Fund	28,470	84,510	27,340		35,000		175,320

The funding for this project will provide for the construction and related expenditures necessary for the reconfiguration of the creative "Do It Yourself" (DIY) spaces known as maker spaces as recommended by consultants. The project will require new computers/electronics, computer software/hardware, construction design, installation and new furniture fixtures and equipment. Fiscal year 2016 funding provides for construction of the fourth maker spaces studio in the Main Library, and funding in fiscal year 2018 provides for maker spaces at the Countryside Library. Funding in fiscal year 2020 and future years will provide for maintenance and upgrades needed to maintain Maker Space facilities.

93533								
<b>Main Library Upgrade to Support Alternative Usage</b>								
	General Fund	59,510	230,340					289,850

The following updates to the Main Library are anticipated to support alternative usage. This project will provide for a major audio visual upgrade to all meeting and conference rooms and will add decorative gates and barriers in youth services, reference and circulation areas. This project will require design, installation and new audio/sound equipment and other furniture fixtures and equipment.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## LIBRARIES

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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935xx

### Countryside Library Demolition

General Fund			72,500					72,500
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The project provides for the demolition of the Countryside Library. Due to location changes, the existing Countryside Library building will no longer be necessary for City use. The land on which it stands is sufficiently valuable and land improvements including asbestos survey, asbestos removal, demolition and disposal of structure, parking lot removal, grade and sod site will be necessary. Funding has been moved to fiscal year 2016/17 so that the Fire Department can utilize the Countryside Library in fiscal year 2016.

935xx

### Ross Norton Recreation Center / South Greenwood Library

T.B.D.					300,000			300,000
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This is a place holder project to create a library service space within the existing Ross Norton Recreation Center. The South Greenwood area is a very underserved part of our community, with many families and children unable to easily get to any library. A library presence in that area would help improve an F rated school in achieving a passing grade, and encourage reading and educational activities. The Beach Library / Recreation Center would be the model for this project.

94861

### Library Technology

T.B.D.					162,720			162,720
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The funding for this project provides for the implementation and upgrade of Radio Frequency Identification (RFID) technology at all City of Clearwater branches. This technology allows libraries to perform many repetitive tasks more efficiently. Stacks of books can be checked in and out with one movement and sorting machines will move material quickly and accurately. With the more efficient use of staff, our reduced staff will be able to continue to provide the service our public demands. The system also provides the most effective security system currently available. The funding in fiscal year 2018/19 will provide for the upgrades to the system wide smartserve self-checkout machine upgrades.

<b>Total Libraries:</b>		<b>115,580</b>	<b>387,350</b>	<b>27,340</b>	<b>462,720</b>	<b>35,000</b>	<b>-</b>	<b>1,027,990</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## 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, Lease Purchase contract paid by the Garage Fund or Penny for Pinellas revenue. Also included in this section are miscellaneous new vehicle additions funded by lease purchase contracts paid for by the user department.

Projects in the Garage section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Continue responsible financial management.
- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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94233

#### Motorized Equipment Replacement - Cash

Garage Fund	77,400	79,720	82,110	84,580	87,110	89,730	500,650
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This project is for the replacement of motorized vehicles and equipment to cost less than \$25,000 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 3% per annum.

94238

#### Police Vehicles

Penny III	100,000	100,000					200,000
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The project provides for the replacement of police vehicles and such equipment necessary to outfit the vehicle for its official use or equipment that has a life expectancy of at least five years.

94241

#### Motorized Equipment Replacement - L/P

L/P Garage Fund	4,922,000	5,020,440	5,120,850	5,223,270	5,327,730	5,434,290	31,048,580
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This project is for the replacement of motorized vehicles /equipment estimated to cost \$25,000 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 2% per annum.

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

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

**GARAGE**

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
94243								
<b>Police Radio P25 Upgrade</b>								
	L/P Garage Fund	500,000	500,000	500,000				1,500,000

This project will fund a program to complete the P25 upgrade and the replacement of the old portable and mobile radios and accessories and options (such as radio chargers, spare batteries, belt clip, etc.) In fiscal year 2016, the approximately 500 non-public safety communications system users will complete the two part terminal migration. In fiscal years 2017 - 2018, the funding will provide for the final buildout of the system infrastructure.

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

94244

<b>Miscellaneous Vehicle Additions</b>								
	L/P General Fund	21,000						21,000
	L/P Garage Fund	19,000						19,000

This project will fund the addition of new vehicles to the City's fleet. The fiscal year '16 funding will provide for a vehicle to be utilized by an additional code enforcement officer and a vehicle for the radio technicians to use for serving the City's radios and radio infrastructure.

Annual Operating Costs: Annual debt service expenditures to be funded by the department purchasing the vehicle.

<b>Total Garage:</b>		<b>5,639,400</b>	<b>5,700,160</b>	<b>5,702,960</b>	<b>5,307,850</b>	<b>5,414,840</b>	<b>5,524,020</b>	<b>33,289,230</b>
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# CAPITAL IMPROVEMENT PROGRAM

## 2016 THROUGH 2021

### 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 the Maintenance of Buildings section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



#### Quality

- Proactively maintain and reinvest in our infrastructure.



#### Financial Responsibility

- Continue responsible financial management.
- Set priorities and spend money aligned with the Strategic Direction.



#### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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94510

#### Air Conditioners-City Wide Replacements

General Fund	257,000	250,000	230,000	100,000	100,000	297,930	1,234,930
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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 fiscal year 2015/16 facilities may include: Clearwater Beach Recreation Center, The Long Center, Main Library, Fire Station 46, The Sailing Center, Parks & Beautification and miscellaneous small units.

94512

#### Roof Repairs

General Fund	20,000	20,600	21,220	21,850	22,510	23,180	129,360
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The project includes roof repair of various City buildings as needed to prevent water damage to interiors of buildings. For fiscal year 2015/16 facilities may include Countryside Police Department Range Trailer and Nursery Building.

94514

#### Roof Replacements

General Fund	250,000	257,500	265,230	273,180	281,380	289,820	1,617,110
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This project includes roof replacements of various City buildings. For fiscal year 2015/16 facilities may include Coachman Park Bandshell, Pier 60 Bait House & Canopies, Municipal Services Building and the South Beach Restroom Building.

94517

#### Painting of Facilities

General Fund	50,000	51,500	53,050	54,640	56,280	57,960	323,430
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This project includes scheduled painting and waterproofing of City facilities. For fiscal year 2015/16 facilities may include: PBI Complex, Lifeguard Building, Countryside Police Department Trailers and the Countryside Park Concession Building.

# CAPITAL IMPROVEMENT PROGRAM

## 2016 THROUGH 2021

### MAINTENANCE OF BUILDINGS

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
94519								
<b>Flooring for Facilities</b>								
	General Fund	50,000	51,500	53,050	54,640	56,280	57,960	323,430

This project includes the scheduled replacement of worn or damaged flooring. For fiscal year 2015/16, facilities may include: North Greenwood Substation, Fire Station 48 Training Building and miscellaneous small replacements.

94521								
<b>Elevator Refurbishment &amp; Modernization</b>								
	General Fund	25,000	25,750	26,520	27,320	28,140	28,980	161,710

This project provides funding for the refurbishment and modernization of elevator equipment.

94528								
<b>Light Replacement &amp; Repair</b>								
	General Fund	250,000	175,000	95,000	80,000	90,000	289,820	979,820

This project includes the phased re-lamping, replacement and repair of lighting systems including light fixtures, poles, service panels and wiring at various sites City-wide. For fiscal year 2015/16 locations may include: Joe DiMaggio field and E.C. Moore soccer fields and miscellaneous service, pole, security replacement.

94530								
<b>Building Systems</b>								
	General Fund		50,000	50,000	250,000			350,000

This project provides funding for interior pool area metal painting in fiscal year 2019 at the Long Center facility.

945xx								
<b>New A/C System Chiller - Police and MSB</b>								
	Penny III				1,300,000	450,000		1,750,000

This project provides funding for the replacement of the air-conditioning systems at the main Police Department building and the Municipal Services Building due to age, deterioration, and excess energy usage, and the chiller system at both the main Police Department building and the Municipal Service Building.

<b>Total Maintenance of Buildings:</b>		<b>902,000</b>	<b>881,850</b>	<b>794,070</b>	<b>2,161,630</b>	<b>1,084,590</b>	<b>1,045,650</b>	<b>6,869,790</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## 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 Public Works Complex are included in this section. Projects in this section could be funded by a bond issue, Penny for Pinellas or the General Fund. The funding could also be provided by the Fund that owns or operates the specific facility. The facilities are outlined in the project scopes.

Projects in the General Public City Buildings & Equipment section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Continue responsible financial management.
- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
94626								
<b>Public Works Complex</b>								
	General Fund	44,000	87,080	465,920	411,520	4,327,500		5,336,020
	Future W&S Bond Issue	50,000	325,000	3,100,000	400,000	4,000,000		7,875,000
	Stormwater Fund	16,000	110,720	1,080,710	174,130	1,729,740		3,111,300
	Adm Svc Fund					231,860		231,860

This project provides for the redevelopment of the City's Public Works Complex (PWC) located at 1650 No. Arcturas Avenue. Facilities within the complex are dated and are not expected to withstand hurricane force winds. PWC will play a critical role in disaster recovery efforts on behalf of Clearwater citizens. A master plan for redevelopment of PWC includes demolition of nearly all existing buildings and new construction of hardened structures to accommodate the following Divisions: Utilities, Stormwater, Street and Sidewalks, Traffic, Urban Forestry, Survey and storage for Information Technology. The project contains five phases beginning in fiscal year 2016 with estimated completion in 2030.

Comprehensive Plan Objective: (I.1.1.5.2) The repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standard for levels of service.

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<b>Total Gen Public City Building &amp; Equip:</b>	<b>110,000</b>	<b>522,800</b>	<b>4,646,630</b>	<b>985,650</b>	<b>10,289,100</b>	<b>-</b>	<b>16,554,180</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## 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 an undesignated future Penny for Pinellas project.

Projects in the Miscellaneous section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Continue responsible financial management.
- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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94729

### Citywide Connectivity Infrastructure

Adm Svc Fund	450,000	300,000	100,000	100,000	50,000	50,000	1,050,000
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This project will continue the deployment of fiber optic and high-speed wireless infrastructure connecting City operating facilities to the City's voice and data network. This stage will connect facilities on the beach to the wide area network (marina, police beach sub-station, north beach fire station).

94736

### Geographic Information System

Adm Svc Fund					100,000	100,000	200,000
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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 Remv/Rplcmnt-Gen Fd

General Fund	20,000	20,000	20,000	20,000	20,000	20,000	120,000
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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.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## MISCELLANEOUS

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
94803								
<b>Environmental Assmt &amp; Clean</b>								
	General Fund	50,000	50,000	50,000	50,000	50,000	50,000	300,000

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 Chapter 62 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								
<b>Network Infrastructure &amp; Server R&amp;R</b>								
	L/P - Adm Svc Fund	350,000	350,000	350,000	350,000	350,000	400,000	2,150,000

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 55 different access locations throughout Clearwater. Much of the infrastructure equipment is aging and not capable of handling the increased volumes of data as the City's computing systems grow. These upgrades will improve performance and efficiency of the network and systems, and enable tiered management of network traffic. The project will also fund the purchase of network and bandwidth management software, a new fiber switch and new router blades.

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

94824								
<b>IT Disaster Recovery</b>								
	L/P - Adm Svc Fund	30,000	30,000	30,000	35,000	35,000	50,000	210,000

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.

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

94827								
<b>Telecomm Upgrades</b>								
	L/P - Adm Svc Fund	25,000	25,000	25,000	25,000	25,000	50,000	175,000

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

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

94828								
<b>Financial System Upgrades</b>								
	Adm Svc	800,000	800,000	800,000	800,000	800,000	800,000	4,800,000

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. The additional funding per year will provide funding for the eventual replacement of the Ross system.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## MISCELLANEOUS

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
94829 <b>CIS Upgrades</b>	Adm Svc	50,000	50,000	50,000	50,000	50,000	50,000	300,000

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

94830 <b>MS/Licensing Upgrades</b>	Adm Svc					200,000	200,000	400,000
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The Microsoft Licensing project will upgrade versions of several core business applications including Microsoft Office, Microsoft Exchange and SQL Database. These upgrades will provide more advanced functionality and provide a stable platform for operations over the next five to six years.

94833 <b>Computer Monitors</b>	Adm Svc	50,000						50,000
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This project provides funding for the purchase of computer monitors for the City's computer needs based on a life expectancy of four to six years, as opposed to three years when leased.

94857 <b>Accela Permitting &amp; Code Enfcmnt Upgrade</b>	Adm Svcs	50,000	50,000	50,000	50,000	50,000	50,000	300,000
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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.

94873 <b>Citywide Cameras System</b>	Adm Svcs	75,000						75,000
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A Citywide Camera System is an enterprise video management system to manage the diverse needs of City departments. The system needs to be open platform and able to be customized to solve the video storage, delivery and integration.

94874 <b>City Enterprise Time Keeping System</b>	Adm Svcs	25,000						25,000
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This project provides funding for the upgrade and replacement of time clocks and software licensing (Kronos).

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

**MISCELLANEOUS**

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
94880								
<b>Granicus Agenda Management System</b>								
	Adm Svcs					75,000	75,000	150,000

This project will integrate the City's current video streaming services and meeting minutes production with a paperless agenda management system. The project will address decreased support services provided by current agenda management program, Novus Agenda, and limited Information Technology staff resources. Video streaming services is currently provided by Granicus.

Annual Operating Costs: Costs include for service and licensing maintenance. Estimated average yearly costs will be \$15,000.

94883								
<b>Business Process Review &amp; Improvement Project</b>								
	Adm Svcs	150,000	150,000	150,000	150,000	150,000	150,000	900,000

This project will support efforts to review, analyze and modify various business processes throughout the City enterprise. The project will place emphasis on processes in support of asset management and work order management activities, however, other operations may be reviewed as need and priority require.

9xxxx								
<b>Undesignated Future Penny for Pinellas Project</b>								
	Penny III		4,170,000					4,170,000

To set aside funding for undesignated future unplanned Penny for Pinellas projects.

<b>Total Miscellaneous:</b>		<b>2,125,000</b>	<b>5,995,000</b>	<b>1,625,000</b>	<b>1,630,000</b>	<b>1,955,000</b>	<b>2,045,000</b>	<b>15,375,000</b>
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# CAPITAL IMPROVEMENT PROGRAM

## 2016 THROUGH 2021

### STORMWATER UTILITY

This Stormwater Utility section includes projects that support the Stormwater Utility operations of the City.

Projects in the Stormwater Utility section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



#### Quality

- Proactively maintain and reinvest in our infrastructure.



#### Financial Responsibility

- Continue responsible financial management.
- Set priorities and spend money aligned with the Strategic Direction.



#### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96124								
<b>Storm Pipe System Improvements</b>								
	Stormwater	1,682,550	1,914,380	951,150	2,374,320	1,199,690	2,494,000	10,616,090

This project provides for repair and restoration of any stormwater conveyance or storage components. These projects may require technical evaluation and improvement or may involve replacement in kind. A significant portion of this project will be lining or replacement of existing deteriorating pipe.

Comprehensive Plan Objective: (D.3.6) 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.

96168

#### Stormwater System Expansion

Stormwater	300,000	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
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This project provides for reduction of structure, street and property flooding or improvements to water quality through property acquisition and/or expansion of the existing stormwater system. Property acquisition may be exercised where it is determined that flooding may be alleviated or area for water quality treatment is provided.

Comprehensive Plan Objective: (D.3.3) Lower high water profiles during storm events, as necessary, to reduce house flooding occurrences and to lessen the resulting adverse effects on public health, the natural environment, public and private property. (D.3.4) 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.

96169

#### Stevenson Creek

Stormwater	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	7,500,000
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This project provides for the implementation of water quantity and quality projects within the Stevenson Creek watershed, including those identified in the Stevenson Creek Watershed Management Plan, to abate structure and street flooding, improve water quality, add, upgrade or restore Stormwater infrastructure and comply with mandated operation, maintenance and reporting requirements.

Comprehensive Plan Objective: (D.3.2) The City of Clearwater shall continue to develop watershed management plans which should seek to identify, evaluate and implement the most cost effective and cost efficient programs for Stormwater management, including Stormwater quantity and quality.

# CAPITAL IMPROVEMENT PROGRAM

## 2016 THROUGH 2021

### STORMWATER UTILITY

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96170								
<b>Coastal Basins Projects</b>								
	Stormwater	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000

This project provides for the implementation of water quantity and quality projects within the City's coastal basins to abate structure and street flooding, improve water quality, add, upgrade or restore Stormwater infrastructure and comply with mandated operation, maintenance and reporting requirements.

Comprehensive Plan Objectives: (D.3.3) Lower high water profiles during storm events, as necessary, to reduce house flooding occurrences and to lessen the resulting adverse effects on public health, the natural environment, public and private property. (D.3.5) Protect and enhance the quality of receiving waters by the use of "Best Management Practices" in accordance with the adopted watershed management plans.

96173								
<b>Alligator Creek Watershed Projects</b>								
	Stormwater	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	7,500,000

This project provides for the implementation of water quantity and quality projects within the Alligator Creek watershed. Including those identified in the Alligator Creek Watershed Management Plan, to abate structure and street flooding, improve water quality, add, upgrade or restore Stormwater infrastructure and comply with mandated operation, maintenance and reporting requirements.

Comprehensive Plan Objective: (D.3.2) The City of Clearwater shall continue to develop watershed management plans which should seek to identify, evaluate and implement the most cost effective and cost efficient programs for stormwater management, including stormwater quantity and quality.

96189								
<b>Dump Trailer</b>								
	L/P Stormwater Fund	60,000						60,000

This project provides for the purchase of a Dump Trailer which is needed in the Stormwater Maintenance operation to haul dirt, rock, concrete, road base, asphalt and remove debris from maintenance and repair sites. This trailer will play a major role in debris removal after a storm event.

Annual Operating Costs: Annual costs include other operating expenses and debt service in the amount of \$10,676 for the first fiscal year.

96190								
<b>Roll-Off Truck</b>								
	L/P Stormwater Fund	230,000						230,000

An additional Roll-off truck is needed due to high demand in Stormwater Maintenance operations and subsequent downtime of the only existing unit. The Roll-off truck is tasked with triple duty; hauling containers, flatbed transport, and water tanker. This truck will play a major role in the street sweeping program, and is needed to transport containers used in work zones to collect sweeper debris directly from collection units, which increases program efficiency. The roll-off truck will also be used for transient camp clean-up efforts and debris removal in storm events.

Annual Operating Costs: Annual costs include other operating expenses and debt service in the amount of \$49,592 for the first fiscal year.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## STORMWATER UTILITY

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96191								
<b>Stormwater Vehicle</b>								
L/P Stormwater Fund		30,000						30,000

The funding will provide for the purchase of an additional vehicle to investigate citizen complaints, inspect on-going projects and attend permit meetings.

Annual Operating Costs: Annual costs include other operating expenses and debt service in the amount of \$6,229.02.

<b>Total Stormwater Utility:</b>	<b>5,802,550</b>	<b>5,714,380</b>	<b>4,751,150</b>	<b>6,174,320</b>	<b>4,999,690</b>	<b>6,294,000</b>	<b>33,736,090</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## 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 several projects for the continued expansion of the system. All projects are funded by the Gas Fund.

Projects in the Gas Utility section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Continue responsible financial management.
- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96358								
<b>Environmental Remediation</b>								
	Gas Fund	50,000	50,000	50,000	50,000	50,000	50,000	300,000

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.

96365								
<b>Line Relocation Pinellas - Maintenance</b>								
	Gas Fund	50,000	50,000	50,000	50,000	50,000	50,000	300,000

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

96367								
<b>Gas Meter Changeout - Pinellas</b>								
	Gas Fund	50,000	50,000	50,000	50,000	50,000	50,000	300,000

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

96374								
<b>Line Relocation Pinellas - Capitalized</b>								
	Gas Fund	50,000	50,000	50,000	50,000	50,000	50,000	300,000

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.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## GAS SYSTEM

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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96376

**Line Relocation Pasco - Maintenance**

Gas Fund	50,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000
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This is a continuing project to fund the removal of abandoned gas lines as required by the State Department of Transportation.

96377

**Pinellas New Mains & Service Lines**

Gas Fund	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	9,000,000
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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, steel, galvanized mains, and liquid propane service. This project will also provide funding match for federal gas monies under the potential economic stimulus program.

96378

**Pasco New Mains & Service Lines**

Gas Fund	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

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.

96379

**Gas Meter Change Out - Pasco**

Gas Fund	50,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000
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To provide funding for continually maintaining accurate gas meters to maximize gas revenues. Funding of this project will come from available gas system revenues.

96381

**Line Relocation Pasco - Capitalized**

Gas Fund	50,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000
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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.

96384

**Gas System - Pinellas Building Renovation**

Gas Fund	200,000	200,000	10,000,000	200,000	200,000	200,000	200,000	11,000,000
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This project provides funding to build a new office building and provide for future offices as required. Funding for this project will come from available gas system revenues.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## GAS SYSTEM

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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96386

### Expanded Energy Conservation

Gas Fund	750,000	750,000	750,000	750,000	750,000	750,000	750,000	4,500,000
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This project provides funding for gas load building objectives to include a System-wide Neighborhood Expansion program and any other capital marketing programs. Initial funding from Gas Supply Acquisition Project #2. Additional funding from Gas System revenues.

96387

### Natural Gas Vehicle

Gas Fund	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
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This project provides funding for a Natural Gas Vehicle program to include natural gas filling stations, the conversion of vehicles to natural gas fuel, and any other capital NGV marketing programs. Initial funding from Gas Supply Acquisition Project #2. Additional funding from Gas System revenues.

96389

### Future IMS Software and Hardware

Gas Fund	50,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000
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This project provides funding for the purchase, configuration and utilization of mobile technology to enhance our field processes, specifically for employees to interface with existing City software applications and computer databases while working in the field. Funding for this project will come from available gas system revenues.

96390

### Ford Trucks

L/P Gas Fund	161,000							161,000
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This project provides funding for the lease purchase of two (2) Ford F-450 and one (1) Ford F-250 Transit. The two F-450's will be utilized for the Gas installation and distribution crews, while the F-250 will be utilized by the meter proofing crew.

96391

### Gas System - Pasco Building

Gas Fund	2,000,000							2,000,000
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This project provides funding for a new office building that will be located near State Road 54 and Starkey Boulevard in Pasco County. Funding for this project will come from available Gas system revenues.

<b>Total Gas System:</b>	<b>6,211,000</b>	<b>4,050,000</b>	<b>13,850,000</b>	<b>4,050,000</b>	<b>4,050,000</b>	<b>4,050,000</b>	<b>4,050,000</b>	<b>36,261,000</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## SOLID WASTE AND RECYCLING

The Solid Waste and Recycling section includes projects that support the Solid Waste and Recycling operations of the City. Included in this section are projects for facility maintenance and major repairs, as well as equipment and container replacements. All projects are funded by Solid Waste or Recycling revenues.

Projects in the Solid Waste and Recycling Utility section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Continue responsible financial management.
- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96426								
<b>Facility R &amp; R</b>								
Solid Waste Revenue		125,000	125,000	125,000	125,000	125,000	125,000	750,000

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: (D.2.3) Continue to provide sound fiscal management for solid waste collection, transport, disposal and recycling as it develops through State legislation.

96443

### Residential Container Acquisition

Solid Waste Revenue	135,000	135,000	135,000	135,000	135,000	135,000	135,000	810,000
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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 as many as 2,500 containers could be required annually, at a current cost of approximately \$54 each. Also included in this project is the cost of replacement parts, when automated containers can be repaired.

Comprehensive Plan Objective: (D.2.3) Continue to provide sound fiscal management for solid waste collection, transport, disposal and recycling as it develops through State legislation.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## SOLID WASTE AND RECYCLING

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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96444

### Commercial Container Acquisition

Solid Waste Revenue		250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
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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 containers (compactors, roll-offs or dumpsters) to meet system growth.

Comprehensive Plan Objective: (D.2.3) Continue to provide sound fiscal management for solid waste collection, transport, disposal and recycling as it develops through State legislation.

96445

### Solar Trash and Recycling Kiosks

Solid Waste Revenue		25,000	25,000	25,000	25,000	25,000	25,000	150,000
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This is an on-going project for the purchase of trash and recycling kiosks to be placed in areas within the City that benefit from high foot traffic. Each two-station kiosk includes a recycling container to provide desirable public space recycling and a litter container that compacts the trash to provide a 3 to 1 compaction ratio. The discreet solar panel provides the current to charge an internal battery that powers the compactor and a real-time monitoring system that measures the fullness of the containers. This monitoring system then provides information regarding the equipment's status to any web-enabled device.

Comprehensive Plan Objective: (D.2.3) Continue to provide sound fiscal management for solid waste collection, transport, disposal and recycling as it develops through State legislation.

96447

### Solid Waste Transfer Station Upgrade & Retrofit

Solid Waste Revenue								-
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This project will provide for preliminary site work to include but not limited to geotechnical surveys, land surveys, and preliminary design needed for the new Transfer Station Facility. The department is currently reviewing options that may include the incorporation of a gravity feed system into the replacement facility that would eliminate the need for hydraulic pushing and packing of the trailers. The waste dumped into these trailers would be arranged and tamped down by a claw-type loader to ensure that our outbound loads are of appropriate weights. The on-going maintenance for the facility would be less expensive because the hydraulics now used and maintained would not be present in the new facility. Future funding for the project will be determined once the project scope is better defined.

Comprehensive Plan Objective: (D.2.1) Continue to maintain adequate levels of service for existing and future populations through the year 2020. (D.2.2) On an ongoing basis, continue to develop collection and transport strategies which minimize costs and use optimally located waste transfer facilities.

96804

### Recycling Container Acquisition

Recycling Revenue		80,000	90,000	90,000	90,000	90,000	90,000	530,000
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This project provides for the purchase and replacement of recycling carts/containers and dumpsters for the City's three Recycling Programs – Residential, Multi-Family and Commercial.

Comprehensive Plan Policy: (D.2.3.5) Replacement of equipment and containers shall be scheduled on a basis that permits a uniform replacement rate and avoids irregular capital outlays of substantial amounts of revenue.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## SOLID WASTE AND RECYCLING

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96805								
<b>Recycling Expansion R&amp;R &amp; Participation Programs</b>								
	Recycling Revenue	10,000	10,000	10,000	10,000	10,000	10,000	60,000

This project provides for the upkeep of the recycling processing center to include facility maintenance, major repairs, equipment refurbishment or replacement, processing enhancements, and to promote recycling participation and marketing. The current available balance in the project will provide funding for this project through FY 2019/20 and includes the following repairs and replacements: maintenance on the shelter, and recycling processing equipment, concrete floor resurfacing, security system addition, and minor drainage improvements.

Comprehensive Plan Objective: (D.2.3) Continue to provide sound fiscal management for solid waste collection, transport, disposal and recycling as it develops through State legislation.

96809

### Recycling Processing Center Expansion & Upgrade

Recycling Revenue

-

This project will provide for preliminary site work to include but not limited to geotechnical surveys, land surveys, preliminary design, and equipment needed for the new Recycling Processing facility. The expansion is necessary for the increased volumes of recyclables and the equipment will be necessary to separate the comingled materials for market, because separated materials bring substantially higher market price than co-mingled materials. Future funding for the project will be determined once the project scope is better defined.

Comprehensive Plan Objective: (D.2.1) Continue to maintain adequate levels of service for existing and future populations through the year 2020. (D.2.2) On an ongoing basis, continue to develop collection and transport strategies which minimize costs and use optimally located waste transfer facilities.

<b>Total Solid Waste and Recycling:</b>	<b>625,000</b>	<b>635,000</b>	<b>635,000</b>	<b>635,000</b>	<b>635,000</b>	<b>635,000</b>	<b>3,800,000</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## 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.

Projects in the Solid Waste Utility section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Continue responsible financial management.
- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96523								
<b>Public Utilities Administration Building R &amp; R</b>								
	Utility R&R	20,000	20,000	20,000	20,000	20,000	20,000	120,000

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.

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<b>Total Utilities Miscellaneous:</b>	<b>20,000</b>	<b>120,000</b>						
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# CAPITAL IMPROVEMENT PROGRAM

## 2016 THROUGH 2021

### SEWER SYSTEM

The Sewer System section includes projects that support the Sewer System operations for the City. All projects, are included either in the current rate study or a future rate study.

Projects in the Sewer System section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



#### Quality

- Proactively maintain and reinvest in our infrastructure.



#### Financial Responsibility

- Continue responsible financial management.
- Set priorities and spend money aligned with the Strategic Direction.



#### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96202								
<b>WWTP Screw Pump Replacement</b>								
	Future Bond Issue		110,000	800,000				910,000

This project provides funding for modifications improvements to the existing Archimedes Screw Pump facilities at the Marshall Street, Northeast and East WWTP facilities. The funding for fiscal year 2016/17 is for the East Plant. Work replaces the existing screw pumps to the internal recycle process at all three plants.

Comprehensive Plan Objective: (D.1.2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with Florida Department of Environmental Protection (DEP) and U.S. Environmental Protection Agency (E.P.A.) requirements.

96204								
<b>WWTP UV Disinfection System</b>								
	Future Bond Issue		3,700,000					3,700,000

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: (D.1.2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with Florida Department of Environmental Protection (DEP) and U.S. Environmental Protection Agency (E.P.A.) requirements.

Annual Operating Costs: Costs include utilities and maintenance. Estimated average yearly costs will be \$386,180, increasing by inflation each year.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## SEWER SYSTEM

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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96209								
<b>Maintenance Vehicle</b>								
	L/P Sewer Fund	109,000						109,000

This project provides funding for the purchase of one (1) additional Ford-250 and two (2) Ford Transit Cargo Vans in FY15/16 to be used by one (1) additional personnel in fiscal year 2015 and two (2) additional F.T.E.'s in fiscal year 2016. The vehicles will be utilized for the electrical, mechanical and electronic technician for work needed in the installation, modification and repair of mechanical equipment.

Annual Operating Costs: Garage and Debt service costs of approximately \$47,000 starting in FY 2016.

962xx  
**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: (D.1.2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with Florida Department of Environmental Protection (DEP) and U.S. Environmental Protection Agency (E.P.A.) requirements.

962xx  
**WET NNC Rule Compliance**

	Future Bond Issue		2,000,000					2,000,000
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This project provides for the design & implementation of wastewater facilities required under Numeric Nutrient Criteria.

Comprehensive Plan Objective: (D.4.1) The protection, restoration and enhancement of water quality associated with stormwater runoff will be considered a function of the City's overall stormwater management plans.

Annual Operating Costs: Increase of operating expenses and additional personnel of four (4) FTE's. One (1) in cost center 01351 in fiscal year 2019, two (2) in fiscal year 2020 and one (1) in cost center 01347 in fiscal year 2019) in the amount of \$308,840 starting in fiscal year 2019.

962xx  
**Trailer Mounted Bio-solids Centrifuge**

	L/P Sewer Fund		700,000					700,000
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This project provides funding for a mobile centrifuge to backup single centrifuges at the Marshall Street and Northeast facilities. This will replace aging belt filter presses which are at the end of their useful life. Back-up capacity is required to dewater bio-solids when the fixed centrifuges are off line for maintenance or repair.

Annual Operating Costs: Debt service costs of approximately \$150,520 starting in FY 2018.

96611  
**Biosolids Treatment**

	Future Bond Issue	5,000,000						5,000,000
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This project provides funding for rehabilitation of the anaerobic digester and associated equipment at the Northeast and the Marshall Street WWTP's. It also provides to convert existing tankage to provide sludge feed equalization at the Northeast Plant and to modify the Marshall Street Plant sludge feed system to accept sludge from the East Plant. These upgrades will provide increased efficiency of the entire bio-solids treatment facilities, as well as increased reliability and cost effectiveness.

Comprehensive Plan Objective: (D.1.2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with Florida Department of Environmental Protection (DEP) and U.S. Environmental Protection Agency (E.P.A.) requirements.

Annual Operating Costs: Costs include maintenance, and operating supplies/chemicals. Estimated average yearly costs will be \$50,000.

# CAPITAL IMPROVEMENT PROGRAM

## 2016 THROUGH 2021

### SEWER SYSTEM

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
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96615

#### Odor Control

Sewer Revenue		410,000						410,000
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This project provides for the evaluation of aging control technology at the Marshall Street and East Plants to determine if it is more cost effective to replace existing units with more modern technology or rehabilitate the existing units.

Comprehensive Plan Objective: (D.1.2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with Florida Department of Environmental Protection (DEP) and U.S. Environmental Protection Agency (E.P.A.) requirements.

96619

#### WWTP Generator Replacements

Future Bond Issue				900,000				900,000
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This project provides funding for the replacement of the backup generators at the Northeast WWTP.

Comprehensive Plan Objective: (D.1.2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with Florida Department of Environmental Protection (DEP) and U.S. Environmental Protection Agency (E.P.A.) requirements.

96630

#### Sanitary Sewer Extensions

Sewer Impact	82,130	12,460	12,460	12,460	12,460	12,460	12,460	144,430
Future Bond Issue	2,517,870	1,032,580	487,540	2,033,650	1,365,670			7,437,310
Sewer Revenue		1,354,960		553,890	2,121,870	987,540		5,018,260

This project provides new sanitary sewer service to residents within the City of Clearwater service area. The initial full neighborhood project is Idlewild/The Mall, which began in FY 2011/12 with design and continued construction into 2014/15. Remaining septic areas will be addressed based upon priority in subsequent years.

Comprehensive Plan Objective: (D.1.1) To maintain adequate Levels of Service for existing and future populations through the year 2020. (D.1.3.5) Extend force mains, lift station capacity and the gravity wastewater collection system to serve existing development as well as new infill development.

Annual Operating Costs: Costs include personnel services, maintenance, and operating supplies/chemicals. Estimated average yearly costs will be \$76,650 starting in FY 2013, increasing by inflation each year.

96634

#### Sanitary Utility Relocation

Utility R&R	1,200,000	900,000	100,000	100,000	100,000	100,000	100,000	2,500,000
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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 and various City initiatives related to Stormwater and Traffic Improvements.

Comprehensive Plan Objective: (D.1.1) To maintain adequate Levels of Service for existing and future populations through the year 2020.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## SEWER SYSTEM

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96645								
<b>Laboratory Upgrade and R &amp; R</b>								
	Utility R&R	50,000	50,000	60,000	100,000	100,000	50,000	410,000

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: (D.1.1) To maintain adequate Levels of Service for existing and future populations through the year 2020.

96654								
<b>Facilities Upgrade &amp; Improvement</b>								
	Sewer Revenue	1,000,000				500,000	1,000,000	2,500,000
	Future Bond Issue	2,400,000	3,700,000	3,000,000	1,000,000			10,100,000

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

Comprehensive Plan Objective: (D.1.2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with Florida Department of Environmental Protection (DEP) and U.S. Environmental Protection Agency (E.P.A.) requirements.

96664								
<b>Water Pollution Control R&amp;R</b>								
	Sewer Revenue	413,830		2,000,000	1,600,000	1,000,000	1,000,000	6,013,830
	Utility R & R	1,786,170	3,500,000					5,286,170

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: (D.1.1) To maintain adequate Levels of Service for existing and future populations through the year 2020.

96665								
<b>Sanitary Sewer R&amp;R</b>								
	Utility R&R	2,911,000	2,375,680	1,799,040	2,300,390	2,460,390	2,947,030	14,793,530
	Sewer Revenue	5,089,000	4,624,320	3,200,960	2,699,610	539,610	52,970	16,206,470

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

Comprehensive Plan Objective: (D.1.1) To maintain adequate Levels of Service for existing and future populations through the year 2020.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## SEWER SYSTEM

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96686								
<b>Pump Station Replacement</b>								
	Sewer Revenue	1,500,000	1,900,000			2,000,000	4,000,000	9,400,000
	Future Bond Issue			1,200,000	1,000,000			2,200,000

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: (D.1.2) The City shall continue to produce advanced wastewater treatment (AWT) improvements at all water pollution control facilities in accordance with Florida Department of Environmental Protection (DEP) and U.S. Environmental Protection Agency (E.P.A.) requirements.

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<b>Total Sewer System:</b>	<b>24,469,000</b>	<b>23,260,000</b>	<b>16,260,000</b>	<b>11,400,000</b>	<b>10,200,000</b>	<b>10,150,000</b>	<b>95,739,000</b>
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# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## WATER SYSTEM

The Water System section includes projects that support the Water System operations for the City. All projects, are included either in the current rate study or a future rate study. All projects are funded by the Water and Sewer Utility Fund.

Projects in the Water System section of the six-year plan support the City of Clearwater's Vision and the Strategic Direction to "Provide Cost Effective Municipal Services and Infrastructure" through the following related strategic actions:



### Quality

- Proactively maintain and reinvest in our infrastructure.



### Financial Responsibility

- Continue responsible financial management.
- Set priorities and spend money aligned with the Strategic Direction.



### Safety

- Reinforce standing as a safe community, especially with visitors.

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96721								
<b>System R&amp;R - Maintenance</b>								
	Utility R&R	490,000	1,450,000	500,000	500,000	500,000	500,000	3,940,000
	Water Revenue	510,000		500,000	500,000	100,000	100,000	1,710,000

This is an on-going program relating to maintenance, repair or replacement of water mains, service lines, valves, fire hydrants, miscellaneous equipment, damaged facilities, painting tanks and maintenance of thirty-one (31) existing wells and eight (8) new wells. Work involves maintenance, repair and replacement of facilities that do not involve upgrading.

Comprehensive Plan Objective: (D.5.3) Continue to maintain the water system in a safe, sound and efficient manner on a daily basis.

96739

### Reclaimed Water Distribution System

Water Revenue	1,800,000	200,000	500,000	600,000	600,000	600,000	600,000	4,300,000
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This project provides for the continued expansion of the City's Reclaimed Water System based on the Reclaimed Water Master Plan Update.

Comprehensive Plan Objective: (D.5.2) To provide adequate quantity and quality of water service to all customers in the Clearwater service area. Current service level (FY 2010) is 39,971 customer accounts (potable, reclaimed and fire). (D.5.5) Continue to develop a potable water system that is compatible with the environment and seeks to conserve and protect sensitive natural resources. (D.5.5.7) Reclaimed water service will continue to be extended to private residences based on the Twenty (20) Year Reclaimed Water Master Plan.

96740

### Water Supply & Treatment

Water Revenue		989,470		500,000	500,000	500,000		2,489,470
Future Bond Issue	900,000	10,530	1,000,000					1,910,530

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

Comprehensive Plan Objective: (D.5.2) To provide adequate quantity and quality of water service to all customers in the Clearwater service area. Current service level (FY 2010) is 39,971 customer accounts (potable, reclaimed and fire). (D.5.5) Continue to develop a potable water system that is compatible with the environment and seeks to conserve and protect sensitive natural resources.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## WATER SYSTEM

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96741								
<b>System R&amp;R - Capitalized</b>								
	Utility R&R	600,000	750,000	1,200,000	750,000	500,000	450,000	4,250,000

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: (D.5.3) Continue to maintain the water system in a safe, sound and efficient manner on a daily basis.

96742								
<b>Line Relocation - Capitalized</b>								
	Utility R&R	1,600,000	150,000	250,000	250,000	250,000	200,000	2,700,000

This is an on-going project provides funding for the relocation of potable water pipeline infrastructure to accommodate roadway improvements by Florida DOT, Pinellas County and the City of Clearwater. Planned work includes various city initiatives related to Stormwater and Traffic Improvement.

Comprehensive Plan Objective: (D.5.4) Continue to provide sound fiscal management for the operation and maintenance of potable water service in the City's service area.

96743								
<b>Meter &amp; Backflow Replacement &amp; Change Out</b>								
	Utility R&R	10,000	10,000	10,000	10,000	100,000	100,000	240,000

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: (D.5.3) Continue to maintain the water system in a safe, sound and efficient manner on a daily basis.

96744								
<b>System Expansion</b>								
	Water Impact	24,000	24,000	24,000	24,000	24,000	24,000	144,000
	Water Revenue	51,000	51,000	51,000	51,000	51,000	51,000	306,000

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: (D.5.1) To maintain adequate Levels of Service for existing and future populations through the year 2018.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## WATER SYSTEM

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96752								
<b>Water Service Lines</b>								
	Water Revenue	200,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,200,000

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

Comprehensive Plan Objective: (D.5.1) To maintain adequate Levels of Service for existing and future populations through the year 2018.

96768

### **Rebate - Well, Lake, Pond Irrigation Abandonment**

Water Revenue	25,000		20,000		20,000		65,000
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This project provides funding for the Well, Lake, Pond Irrigation Abandonment program that was approved by the City Council May 3, 2007. This program provides a homeowner a rebate if they are willing to properly abandon a private well, lake or pond irrigation system, when establishing reclaimed water service at their residence.

Comprehensive Plan Objective: (D.5.2) To provide adequate quantity and quality of water services to all customers in the Clearwater service area. Current service level (FY 2010) is 39,971 customer accounts (potable, reclaimed and fire). (D.5.5) Continue to develop a potable water system that is compatible with the environment; and seeks to conserve and protect sensitive natural resources.

96773

### **Groundwater Replenishment Facility**

Future Bond Issue		1,500,000	8,500,000				10,000,000
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This project provides funding for a Microfiltration, Reverse Osmosis, Advanced Oxidation 3.0 MGD Water Purification Plant, purified water pipelines, with injection wells to replenish the local aquifer.

Comprehensive Plan Objective: (D.5.2) To provide adequate quantity and quality of water services to all customers in the Clearwater service area. Current service level (FY 2010) is 39,971 customer accounts (potable, reclaimed and fire). (D.5.5) Continue to develop a potable water system that is compatible with the environment; and seeks to conserve and protect sensitive natural resources.

Annual Operating Costs: Annual operating costs beginning in FY 2017 will approximately amount to \$1,170,000, which includes three (3) new FTE's.

96774

### **Automated Meter Reading**

Future Bond Issue								-
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This project will fund conversion to an automated meter reading system (AMR) for the potable water and reclaimed water systems.

Comprehensive Plan Objective: (D.5.3) Continue to maintain the water system in a safe, sound, and efficient manner on a daily basis.

# CAPITAL IMPROVEMENT PROGRAM 2016 THROUGH 2021

## WATER SYSTEM

Project # / Project Name	Funding Source	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
96775								
<b>Arsenic Removal Water Treatment Plant #3</b>								
	Future Bond Issue	1,000,000	1,000,000					2,000,000
	Water Revenue			1,000,000	2,000,000	2,000,000	2,000,000	7,000,000

This project provides funding for a treatment system to reduce regulated constituents levels in the raw water, total dissolved solids including arsenic, etc. that serves as a source water for Water Treatment Plant #3.

Comprehensive Plan Objective: (D.5.3) Continue to maintain the water system in a safe, sound, and efficient manner on a daily basis.

Annual Operating Costs: Annual operating costs beginning in FY 2017 will approximately amount to \$500,000.

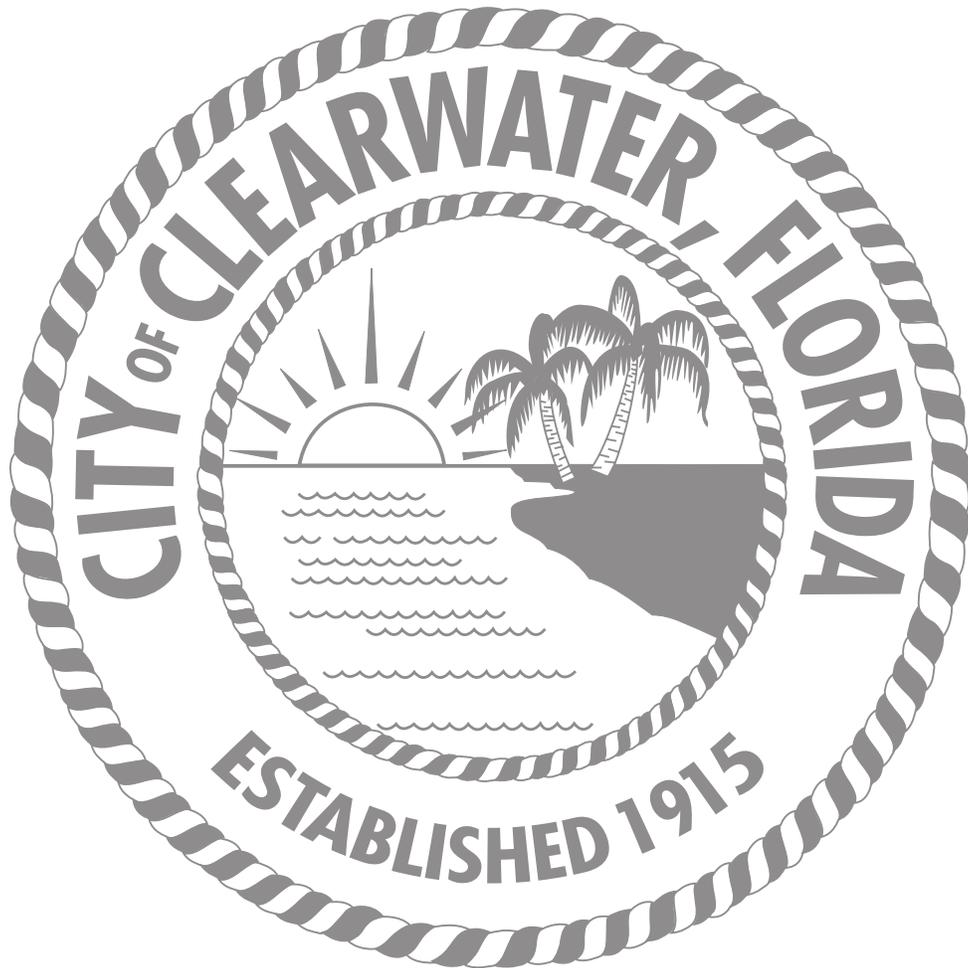
96780

<b>Valve Turner Maintenance Trailer</b>								
	L/P Water Fund	60,000						60,000

This project provides funding for the purchase of a Wach's Standard LX (gas) VMT - for use in the valve maintenance program. Aiding in location, excavation below ground valves.

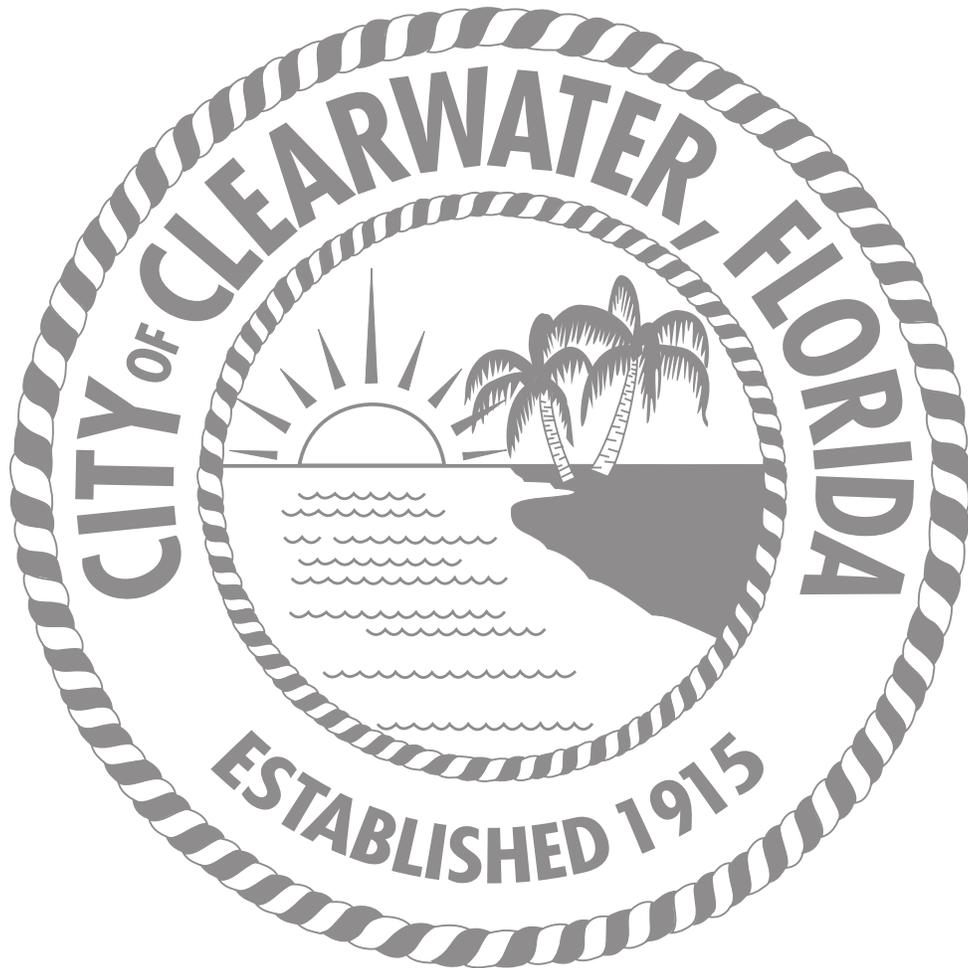
Annual Operating Costs: Debt service costs of approximately \$15,000 starting FY 2015.

<b>Total Water System:</b>	<b>7,270,000</b>	<b>7,135,000</b>	<b>14,555,000</b>	<b>6,185,000</b>	<b>5,645,000</b>	<b>5,525,000</b>	<b>46,315,000</b>
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# TOTAL BY CATEGORY

	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
Police Protection	200,000	3,305,000	0	0	0	0	3,505,000
Fire Protection	1,476,390	4,857,920	3,275,470	4,778,060	1,391,340	2,195,710	17,974,890
Major Street Maintenance	3,656,430	5,668,100	5,654,850	5,654,850	3,658,850	3,484,850	27,777,930
Sidewalk and Bike Trails	472,000	472,000	472,000	472,000	473,250	473,250	2,834,500
Intersections	335,000	335,000	331,990	315,410	315,400	315,390	1,948,190
Parking	2,389,000	19,482,500	381,000	382,500	384,000	384,000	23,403,000
Miscellaneous Engineering	935,000	535,000	35,000	35,000	2,460,000	35,000	4,035,000
Parks Development	6,735,000	5,037,000	3,564,840	3,325,000	7,125,000	1,440,000	27,226,840
Marine Facilities	410,000	385,000	390,000	390,000	390,000	390,000	2,355,000
Airpark Facilities	65,000	715,000	115,000	1,215,000	3,815,000	15,000	5,940,000
Libraries	115,580	387,350	27,340	462,720	35,000	0	1,027,990
Garage	5,639,400	5,700,160	5,702,960	5,307,850	5,414,840	5,524,020	33,289,230
Maintenance of Buildings	902,000	881,850	794,070	2,161,630	1,084,590	1,045,650	6,869,790
General Public City Building	110,000	522,800	4,646,630	985,650	10,289,100	0	16,554,180
Miscellaneous	2,125,000	5,995,000	1,625,000	1,630,000	1,955,000	2,045,000	15,375,000
Stormwater Utility	5,802,550	5,714,380	4,751,150	6,174,320	4,999,690	6,294,000	33,736,090
Gas System	6,211,000	4,050,000	13,850,000	4,050,000	4,050,000	4,050,000	36,261,000
Solid Waste & Recycling	625,000	635,000	635,000	635,000	635,000	635,000	3,800,000
Utilities Miscellaneous	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Sewer System	24,469,000	23,260,000	16,260,000	11,400,000	10,200,000	10,150,000	95,739,000
Water System	7,270,000	7,135,000	14,555,000	6,185,000	5,645,000	5,525,000	46,315,000
<b>TOTAL</b>	<b>69,963,350</b>	<b>95,094,060</b>	<b>77,087,300</b>	<b>55,579,990</b>	<b>64,341,060</b>	<b>44,021,870</b>	<b>406,087,630</b>



## SUMMARY OF GENERAL FUND REVENUE

Program	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
Police Protection	200,000						200,000
Fire Protection	314,570	369,360	324,650	336,380	414,390	362,910	2,122,260
Miscellaneous Engineering	35,000	35,000	35,000	35,000	35,000	35,000	210,000
Park Development	1,035,000	1,052,500	1,420,000	1,295,000	1,345,000	1,410,000	7,557,500
Marine Facilities	120,000	120,000	120,000	120,000	120,000	120,000	720,000
Libraries	115,580	387,350	27,340		35,000		565,270
Maintenance of Buildings	902,000	505,400	516,060	702,050	638,380	580,000	3,843,890
General Public City Bldgs & Equip	44,000	87,080	465,920	411,520	4,327,500		5,336,020
Miscellaneous	70,000	70,000	70,000	70,000	70,000	70,000	420,000
<b>Total General Fund</b>	<b>2,836,150</b>	<b>2,626,690</b>	<b>2,978,970</b>	<b>2,969,950</b>	<b>6,985,270</b>	<b>2,577,910</b>	<b>20,974,940</b>

POLICE PROTECTION:	11xx - Police District 3 Sub Station					200,000	200,000
FIRE PROTECTION:	1229 - Replace & Upgrade Air Packs					25,000	
	1257 - Auto External Defibrillator Program					32,350	
	1260 - Thermal Imaging Cameras					25,270	
	1261 - Personal Protective Equipment					191,380	
	1264 - Fire Hose Replacement					40,570	314,570
MISC ENGINEERING:	2841 - Miscellaneous Engineering					35,000	35,000
PARK DEVELOPMENT:	3203 - Carpenter Fld Infrastructure Repairs & Improvements					30,000	
	3205 - Bright House Field Infrastructure Repairs & Impv					120,000	
	3247 - Fitness Equipment Replacement					50,000	
	3271 - Swimming Pool Renovations & Repairs					90,000	
	3278 - Long Center Infrastructure Repairs					100,000	
	3286 - Parking Lot/Bike Path Resurfacing & Improvements					50,000	
	3604 - Broadwalk & Docks Repair & Replacement					10,000	
	3618 - Miscellaneous Park & Recreation Contract Svcs					25,000	
	3633 - Pier 60 Park & Beachwalk Repairs and Improvements					50,000	
	3634 - Concrete Sidewalk & Pad Repair & Replacement					45,000	
	3635 - Park Amenity Purchase, Repair & Replacement					100,000	
	3636 - Tennis & Basketball Court Resurfacing					40,000	
	3637 - Playground & Fitness Equip Purchase & Replacement					75,000	
	3638 - Fencing Replacement Program					75,000	
	36xx - Recreation Centers Infrastructure Repairs					75,000	
	36xx - Jack Russell Demolition and Refurbishment					100,000	1,035,000
MARINE FACILITIES:	3497 - Docks & Seawalls					100,000	
	3499 - Pier 60/Sailing Center Maintenance					20,000	120,000
LIBRARIES:	35xx - North Greenwood Library Children's Discovery Area					27,600	
	35xx - Library Maker Space Maintenance and Upgrade					28,470	
	35xx - Main Library Upgrade to Support Alternative Usage					59,510	115,580
MAINTENANCE OF BUILDINGS:	4510 - Air Conditioners - City Wide Replacements					257,000	
	4512 - Roof Repairs					20,000	
	4514 - Roof Replacement					250,000	
	4517 - Painting of Facilities					50,000	
	4519 - Flooring for Facilities					50,000	
	4521 - Elevator Refurbishment & Modernization					25,000	
	4528 - Light Replacement & Repair					250,000	902,000
GENERAL PUBLIC CITY BUILDINGS & EQUIPMENT	46xx - Public Works Complex					44,000	44,000
MISCELLANEOUS:	4761 - Pollutant Storage Tank Removal/Replacement					20,000	
	4803 - Environmental Assessment & Clean-up					50,000	70,000

**TOTAL GENERAL FUND FY 2015/16: 2,836,150**

# Summary of Funding Sources

	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
<b>GENERAL SOURCES</b>							
<b>General Revenue</b>							
91152 - Police District 3 Sub Station	200,000						200,000
91229 - Replace & Upgrade Air Packs	25,000	26,000	27,040	28,120	29,240	30,410	165,810
91257 - Automatic External Defib Program	32,350	20,500	20,500	20,500	21,320	22,170	137,340
91260 - Thermal Imaging Cameras	25,270	26,030	27,070	28,150	29,280	30,450	166,250
91261 - Personal Protective Equipment	191,380	199,040	207,000	215,280	223,890	232,850	1,269,440
91263 - Extrication Tools		56,000			65,000		121,000
91264 - Fire Hose Replacement	40,570	41,790	43,040	44,330	45,660	47,030	262,420
92841 - Miscellaneous Engineering	35,000	35,000	35,000	35,000	35,000	35,000	210,000
93203 - Carpenter Fld Infrast Reps & Imprvmts	30,000	30,000	30,000	40,000	40,000	50,000	220,000
93205 - Brighthouse Field Infrast Repair/Imprv	120,000	150,000	150,000	150,000	150,000	150,000	870,000
93247 - Fitness Equipment Purch & Replacement	50,000	30,000	50,000	50,000	30,000	30,000	240,000
93271 - Swimming Pool Renovations & Repairs	90,000	100,000	100,000	100,000	150,000	150,000	690,000
93278 - Long Center Infrastructure Repairs	100,000	100,000	100,000	100,000	100,000	100,000	600,000
93286 - Pking Lot/Bike Path Resurf & Imprvmt	50,000	60,000	60,000	60,000	70,000	100,000	400,000
93497 - Docks & Seawalls	100,000	100,000	100,000	100,000	100,000	100,000	600,000
93499 - Pier 60/Sailing Center Maint	20,000	20,000	20,000	20,000	20,000	20,000	120,000
93531 - No Greenwood Lib Child Discovery	27,600						27,600
93532 - Library Maker Space Maint & Upgrade	28,470	84,510	27,340		35,000		175,320
93533 - Main Library Upgrade to Support Alt Usage	59,510	230,340					289,850
935xx - Countryside Library Demolition		72,500					72,500
93604 - Boardwalks & Docks Repair & Rplcmt	10,000	50,000	50,000	50,000	50,000	50,000	260,000
93618 - Miscellaneous Park & Recr Contract Svcs	25,000	30,000	30,000	30,000	30,000	30,000	175,000
93633 - Pier 60 Park & Beachwalk Repairs and Improveme	50,000	50,000	60,000	60,000	60,000	60,000	340,000
93634 - Concrete Sidewalk, Pad R & R	45,000	50,000	50,000	50,000	60,000	60,000	315,000
93635 - Park Amenity Purchase & Replacement	100,000	80,000	80,000	80,000	80,000	80,000	500,000
93636 - Tennis & Basketball Court Resurfacing	40,000	47,500	200,000	200,000	200,000	200,000	887,500
93637 - Playground & Fit Equip Purch, & Rplcmt	75,000	120,000	200,000	150,000	150,000	150,000	845,000
93638 - Fencing Replacement Program	75,000	80,000	85,000	100,000	100,000	100,000	540,000
93654 - Recreation Centers Infrastructure Repairs	75,000	75,000	175,000	75,000	75,000	100,000	575,000
93656 - Jack Russell Demolition and Refurbishment	100,000						100,000
94510 - Air Conditioners-City Wide Replacements	257,000	250,000	230,000	100,000	100,000	297,930	1,234,930
94512 - Roof Repairs	20,000	20,600	21,220	21,850	22,510	23,180	129,360
94514 - Roof Replacements	250,000	257,500	265,230	273,180	281,380	289,820	1,617,110
94517 - Painting of Facilities	50,000	51,500	53,050	54,640	56,280	57,960	323,430
94519 - Flooring for Facilities	50,000	51,500	53,050	54,640	56,280	57,960	323,430
94521 - Elevator Refurbishment & Modernization	25,000	25,750	26,520	27,320	28,140	28,980	161,710
94528 - Light Replacement & Repair	250,000	175,000	95,000	80,000	90,000	289,820	979,820
94530 - Building Systems		50,000	50,000	250,000			350,000
94626 - Public Works Complex	44,000	87,080	465,920	411,520	4,327,500		5,336,020
94761 - Pollutant Storage Tank R&R-General Fd	20,000	20,000	20,000	20,000	20,000	20,000	120,000
94803 - Environmental Assessment & Cleanup	50,000	50,000	50,000	50,000	50,000	50,000	300,000
<b>Subtotal General Revenue</b>	<b>2,836,150</b>	<b>3,003,140</b>	<b>3,256,980</b>	<b>3,129,530</b>	<b>6,981,480</b>	<b>3,043,560</b>	<b>22,250,840</b>
<b>Road Millage</b>							
92277 - Streets & Sidewalks	2,015,100	2,015,100	2,015,100	2,015,100	2,015,100	2,015,100	12,090,600
92562 - Intersection Improvements	45,000	45,000	45,000	45,000	45,000	45,000	270,000
<b>Subtotal Road Millage</b>	<b>2,060,100</b>	<b>2,060,100</b>	<b>2,060,100</b>	<b>2,060,100</b>	<b>2,060,100</b>	<b>2,060,100</b>	<b>12,360,600</b>
<b>Penny for Pinellas</b>							
91218 - Fire Engine Replacement	571,820						571,820
91269 - Clearwater Beach Fire Station	400,000	3,905,560					4,305,560
912xx - Lakeview Fire Station			400,000	3,798,460			4,198,460
92274 - Bridge Maintenance & Improvements	133,000	133,000	133,000	133,000	137,000		669,000
92276 - Traffic Calming Program	170,000	170,000	170,000	170,000	170,000		850,000
922xx - Downtown Streetscaping		2,000,000	2,000,000	2,000,000			6,000,000
92339 - New Sidewalk Construction	472,000	472,000	472,000	472,000	473,250		2,361,250
92839 - Downtown Intermodal Facility					2,425,000		2,425,000

# Summary of Funding Sources

	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
<b>Penny for Pinellas (continued)</b>							
93251 - Morningside Recreation Center		2,580,000					2,580,000
93272 - Bicycle Paths-Bridges	500,000		750,000	750,000			2,000,000
93412 - City-wide Seawall Replacement	150,000	150,000	150,000	150,000	150,000		750,000
93648 - Moccasin Lake Park Master Plan Reno	400,000						400,000
93650 - Crest Lake Park Improvements	250,000						250,000
93651 - EC Moore 8 and 9 Renovation/Press Box	175,000						175,000
93652 - Countryside Plex Restroom/Concession	700,000						700,000
93653 - Countryside Community Park Reno	100,000						100,000
93655 - Joe DiMaggio Sports Complex Multipurpose Field	1,750,000						1,750,000
93658 - Cooper's Point Park Improvements	150,000						150,000
936xx - Youth Sports Field Renovations			114,840				114,840
936xx - Neighborhood Park Renovations		850,000	1,250,000	1,250,000	750,000		4,100,000
936xx - Frank Tack Parking Lot		399,500					399,500
936xx - Coachman Park Redevelopment					5,000,000		5,000,000
936xx - Sid Lickton Batting Tunnels		50,000					50,000
94238 - Police Vehicles	100,000	100,000					200,000
945xx - New A/C System Chiller - Police & MSB				1,300,000	450,000		1,750,000
948xx - Replace Hangar "C"				240,000			240,000
9xxxx - Undesignated Future Penny for Pinellas Project		4,170,000					4,170,000
<b>Subtotal Penny for Pinellas</b>	<b>6,021,820</b>	<b>14,980,060</b>	<b>5,439,840</b>	<b>10,263,460</b>	<b>9,555,250</b>	<b>0</b>	<b>46,260,430</b>
<b>Transportation Impact Fees</b>							
92276 - Traffic Calming Program	150,000	150,000					300,000
92561 - New Signal Installations & Renovations	40,000	40,000	40,000	40,000	40,000	40,000	240,000
92562 - Intersection Improvements			100,000	100,000	100,000	100,000	400,000
<b>Subtotal Transportation Impact Fees</b>	<b>190,000</b>	<b>190,000</b>	<b>140,000</b>	<b>140,000</b>	<b>140,000</b>	<b>140,000</b>	<b>940,000</b>
<b>Local Option Gas Tax</b>							
92274 - Bridge Maintenance & Improvements	1,163,330	1,175,000					2,338,330
92276 - Traffic Calming Program	25,000	25,000					50,000
92559 - City-Wide Intersection Improvements	50,000	50,000					100,000
92560 - Signal Renovation	100,000	100,000					200,000
92562 - Intersection Improvements	100,000	100,000					200,000
<b>Subtotal Local Option Gas Tax</b>	<b>1,438,330</b>	<b>1,450,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,888,330</b>
<b>Special Program Fund</b>							
92842 - U.S. 19 Wayfinding Project	900,000	500,000					1,400,000
93602 - Special Events Equip Repairs & Rplcmt	35,000	30,000	30,000	30,000	30,000	30,000	185,000
<b>Subtotal Special Program</b>	<b>935,000</b>	<b>530,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>1,585,000</b>
<b>Grants - Other Agencies</b>							
93272 - Bicycle Paths-Bridges	200,000						200,000
93648 - Moccasin Lake Park Master Plan Reno	200,000						200,000
93651 - EC Moore 8 and 9 Renovation/Press Box	495,000						495,000
93656 - Jack Russell Demolition and Refurbishment	100,000						100,000
93658 - Cooper's Point Park Improvements	450,000						450,000
94886 - Clearwater Airpark Masterplan Update	40,000						40,000
948xx - New Multiplane Hangar		560,000					560,000
948xx - Ground Support Equipment Upgrade			80,000				80,000
948xx - Replace Hangar "C"				960,000			960,000
948xx - Permanent Terminal Building					3,040,000		3,040,000
<b>Subtotal Grants - Other Agencies</b>	<b>1,485,000</b>	<b>560,000</b>	<b>80,000</b>	<b>960,000</b>	<b>3,040,000</b>	<b>0</b>	<b>6,125,000</b>

# Summary of Funding Sources

	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
<b>Donations</b>							
93652 - Countryside Plex Restroom/Concession	100,000						100,000
936xx - Sid Lickton Batting Tunnels		50,000					50,000
<b>Subtotal Donation Revenue</b>	<b>100,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>
<b>To Be Determined</b>							
91152 - Police District 3 Sub Station		3,305,000					3,305,000
92274 - Bridge Maint & Improvements			1,186,750	1,186,750	1,186,750	1,319,750	4,880,000
92276 - Traffic Calming Program			150,000	150,000	150,000	150,000	600,000
92339 - New Sidewalk Construction						473,250	473,250
92559 - City-Wide Intersection Improvements			46,990	30,410	30,400	30,390	138,190
92560 - Signal Renovation			100,000	100,000	100,000	100,000	400,000
92656 - Pelican Walk Parking Garage		9,300,000					9,300,000
926xx - Downtown Parking Garage		9,792,000					9,792,000
93412 - City-wide Seawall Replacement						150,000	150,000
935xx - Ross Norton Rec Ctr / So. Greenwood Lib				300,000			300,000
94861 - Library Technology				162,720			162,720
948xx - Permanent Terminal Building					760,000		760,000
<b>Subtotal TBD Revenue</b>	<b>0</b>	<b>22,397,000</b>	<b>1,483,740</b>	<b>1,929,880</b>	<b>2,227,150</b>	<b>2,223,390</b>	<b>30,261,160</b>
<b>Subtotal General Sources</b>	<b>15,066,400</b>	<b>45,220,300</b>	<b>12,490,660</b>	<b>18,512,970</b>	<b>24,033,980</b>	<b>7,497,050</b>	<b>122,821,360</b>
<b><u>SELF-SUPPORTING FUNDS</u></b>							
<b>Marine Revenue</b>							
93418 - Utilities Service Replacement	20,000	20,000	20,000	20,000	20,000	20,000	120,000
93419 - Dock R & R	35,000	25,000	25,000	25,000	25,000	25,000	160,000
93420 - Fuel System R & R	25,000	10,000	10,000	10,000	10,000	10,000	75,000
93421 - Marine Facilities Maintenance	15,000	15,000	15,000	15,000	15,000	15,000	90,000
<b>Subtotal Marine Revenue</b>	<b>95,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>445,000</b>
<b>Clearwater Harbor Marina Fund</b>							
93410 - Clearwater Harbor Marina Maintenance	25,000	25,000	25,000	25,000	25,000	25,000	150,000
<b>Subtotal Clw Harbor Revenue</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>150,000</b>
<b>Aviation Revenue</b>							
94817 - Airpark Maintenance & Repair	15,000	15,000	15,000	15,000	15,000	15,000	90,000
94886 - Clearwater Airpark Masterplan Update	10,000						10,000
948xx - New Multiplane Hangar		140,000					140,000
948xx - Ground Support Equipment Upgrade			20,000				20,000
<b>Subtotal Aviation Revenue</b>	<b>25,000</b>	<b>155,000</b>	<b>35,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>260,000</b>
<b>Parking Revenue</b>							
92652 - Parking Lot Resurfacing	61,000	61,000	50,000	50,000	50,000	50,000	322,000
92654 - Parking Lot Improvements	150,000	150,000	150,000	150,000	150,000	150,000	900,000
92656 - Pelican Walk Parking Garage	2,000,000						2,000,000
92657 - Parking Facilities	178,000	179,500	181,000	182,500	184,000	184,000	1,089,000
93403 - Beach Guard Facility Maintenance	20,000	20,000	25,000	25,000	25,000	25,000	140,000
<b>Subtotal Parking Revenue</b>	<b>2,409,000</b>	<b>410,500</b>	<b>406,000</b>	<b>407,500</b>	<b>409,000</b>	<b>409,000</b>	<b>4,451,000</b>

# Summary of Funding Sources

	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
<b>Water Revenue</b>							
96721 - System R&R - Maintenance	510,000		500,000	500,000	100,000	100,000	1,710,000
96739 - Reclaimed Water Distribution System	1,800,000	200,000	500,000	600,000	600,000	600,000	4,300,000
96740 - Water Supply & Treatment		989,470		500,000	500,000	500,000	2,489,470
96744 - System Expansion	51,000	51,000	51,000	51,000	51,000	51,000	306,000
96752 - Water Service Lines	200,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,200,000
96768 - Rebate - Well, Lake, Pond Irig Abd	25,000		20,000		20,000		65,000
96775 - Arsenic Removal Water Treat Plant #3			1,000,000	2,000,000	2,000,000	2,000,000	7,000,000
<b>Subtotal Water Revenue</b>	<b>2,586,000</b>	<b>2,240,470</b>	<b>3,071,000</b>	<b>4,651,000</b>	<b>4,271,000</b>	<b>4,251,000</b>	<b>21,070,470</b>
<b>Sewer Revenue</b>							
96615 - Odor Control	410,000						410,000
96630 - Sanitary Sewer Extensions		1,354,960		553,890	2,121,870	987,540	5,018,260
96654 - Facilities Upgrade & Improvements	1,000,000				500,000	1,000,000	2,500,000
96664 - Water Pollution Control R & R	413,830		2,000,000	1,600,000	1,000,000	1,000,000	6,013,830
96665 - Sanitary Sewer R & R	5,089,000	4,624,320	3,200,960	2,699,610	539,610	52,970	16,206,470
96686 - Pump Station Replacement	1,500,000	1,900,000			2,000,000	4,000,000	9,400,000
<b>Subtotal Sewer Revenue</b>	<b>8,412,830</b>	<b>7,879,280</b>	<b>5,200,960</b>	<b>4,853,500</b>	<b>6,161,480</b>	<b>7,040,510</b>	<b>39,548,560</b>
<b>Water Impact Fees</b>							
96744 - System Expansion	24,000	24,000	24,000	24,000	24,000	24,000	144,000
<b>Subtotal Water Impact Fees</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>24,000</b>	<b>144,000</b>
<b>Sewer Impact Fees</b>							
96630 - Sanitary Sewer Extensions	82,130	12,460	12,460	12,460	12,460	12,460	144,430
<b>Subtotal Sewer Impact Fees</b>	<b>82,130</b>	<b>12,460</b>	<b>12,460</b>	<b>12,460</b>	<b>12,460</b>	<b>12,460</b>	<b>144,430</b>
<b>Utility R &amp; R</b>							
96523 - Public Utilities Adm Building R & R	20,000	20,000	20,000	20,000	20,000	20,000	120,000
96634 - Sanitary Utility Relocation	1,200,000	900,000	100,000	100,000	100,000	100,000	2,500,000
96645 - Laboratory Upgrade and R & R	50,000	50,000	60,000	100,000	100,000	50,000	410,000
96664 - Water Pollution Control R & R	1,786,170	3,500,000					5,286,170
96665 - Sanitary Sewer R & R	2,911,000	2,375,680	1,799,040	2,300,390	2,460,390	2,947,030	14,793,530
96721 - System R & R - Maintenance	490,000	1,450,000	500,000	500,000	500,000	500,000	3,940,000
96741 - System R & R - Capitalized	600,000	750,000	1,200,000	750,000	500,000	450,000	4,250,000
96742 - Line Relocation - Capitalized	1,600,000	150,000	250,000	250,000	250,000	200,000	2,700,000
96743 - Meter/Backflow Rplcmt/Change Out	10,000	10,000	10,000	10,000	100,000	100,000	240,000
<b>Subtotal Utility R &amp; R</b>	<b>8,667,170</b>	<b>9,205,680</b>	<b>3,939,040</b>	<b>4,030,390</b>	<b>4,030,390</b>	<b>4,367,030</b>	<b>34,239,700</b>
<b>Stormwater Utility Revenue</b>							
94626 - Public Works Complex	16,000	110,720	1,080,710	174,130	1,729,740		3,111,300
96124 - Storm Pipe System Improvements	1,682,550	1,914,380	951,150	2,374,320	1,199,690	2,494,000	10,616,090
96168 - Stormwater System Expansion	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
96169 - Stevenson Creek	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	7,500,000
96170 - Coastal Basins Improvement Pjts	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
96173 - Alligator Creek Watershed Projects	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	7,500,000
<b>Subtotal Stormwater Utility Revenue</b>	<b>5,498,550</b>	<b>5,825,100</b>	<b>5,831,860</b>	<b>6,348,450</b>	<b>6,729,430</b>	<b>6,294,000</b>	<b>36,527,390</b>

# Summary of Funding Sources

	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
<b>Gas Revenue</b>							
96358 - Environmental Remediation	50,000	50,000	50,000	50,000	50,000	50,000	300,000
96365 - Line Relocation Pinellas-Maintenance	50,000	50,000	50,000	50,000	50,000	50,000	300,000
96367 - Gas Meter Changeout - Pinellas	50,000	50,000	50,000	50,000	50,000	50,000	300,000
96374 - Line Relocation-Pinellas-Capitalized	50,000	50,000	50,000	50,000	50,000	50,000	300,000
96376 - Line Relocation-Pasco-Maintenance	50,000	50,000	50,000	50,000	50,000	50,000	300,000
96377 - Pinellas New Mains & Service Lines	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	9,000,000
96378 - Pasco New Mains & Service Lines	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
96379 - Gas Meter Change-Out-Pasco	50,000	50,000	50,000	50,000	50,000	50,000	300,000
96381 - Line Relocation-Pasco-Capitalized	50,000	50,000	50,000	50,000	50,000	50,000	300,000
96384 - Pinellas Building	200,000	200,000	10,000,000	200,000	200,000	200,000	11,000,000
96386 - Expanded Energy Conservation	750,000	750,000	750,000	750,000	750,000	750,000	4,500,000
96387 - Natural Gas Vehicle	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
96389 - Future IMS Software and Hardware	50,000	50,000	50,000	50,000	50,000	50,000	300,000
96391 - Pasco Building	2,000,000						2,000,000
<b>Subtotal Gas Revenue</b>	<b>6,050,000</b>	<b>4,050,000</b>	<b>13,850,000</b>	<b>4,050,000</b>	<b>4,050,000</b>	<b>4,050,000</b>	<b>36,100,000</b>
<b>Solid Waste Revenue</b>							
96426 - Facility R & R	125,000	125,000	125,000	125,000	125,000	125,000	750,000
96443 - Residential Container Acquisition	135,000	135,000	135,000	135,000	135,000	135,000	810,000
96444 - Commercial Container Acquisition	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
96445 - Solar Trash and Recycling Kiosks	25,000	25,000	25,000	25,000	25,000	25,000	150,000
<b>Subtotal Solid Waste Revenue</b>	<b>535,000</b>	<b>535,000</b>	<b>535,000</b>	<b>535,000</b>	<b>535,000</b>	<b>535,000</b>	<b>3,210,000</b>
<b>Recycling Revenue</b>							
96804 - Recycling Container Acquisition	80,000	90,000	90,000	90,000	90,000	90,000	530,000
96805 - Recycl Expan R&R & Participation Prog	10,000	10,000	10,000	10,000	10,000	10,000	60,000
<b>Subtotal Recycling Revenue</b>	<b>90,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>590,000</b>
<b>Subtotal Self-Supporting Funds</b>	<b>34,499,680</b>	<b>30,532,490</b>	<b>33,100,320</b>	<b>25,122,300</b>	<b>26,432,760</b>	<b>27,193,000</b>	<b>176,880,550</b>
<b>INTERNAL SERVICE FUNDS</b>							
<b>Garage Fund Revenue</b>							
94233 - Motorized Equipment Rplcmt-Cash	77,400	79,720	82,110	84,580	87,110	89,730	500,650
<b>Subtotal Garage Fund Revenue</b>	<b>77,400</b>	<b>79,720</b>	<b>82,110</b>	<b>84,580</b>	<b>87,110</b>	<b>89,730</b>	<b>500,650</b>
<b>Administrative Services Revenue</b>							
94626 - Public Works Complex					231,860		231,860
94729 - Citywide Connectivity Infrastructure	450,000	300,000	100,000	100,000	50,000	50,000	1,050,000
94736 - Geographic Information System					100,000	100,000	200,000
94828 - Financial System Upgrades	800,000	800,000	800,000	800,000	800,000	800,000	4,800,000
94829 - CIS Upgrades	50,000	50,000	50,000	50,000	50,000	50,000	300,000
94830 - MS/Licensing Upgrades					200,000	200,000	400,000
94833 - Computer Monitors	50,000						50,000
94857 - Accela Permit & Code Enforce Upgd	50,000	50,000	50,000	50,000	50,000	50,000	300,000
94873 - Citywide Cameras System	75,000						75,000
94874 - City Enterprise Time Keeping System	25,000						25,000
94878 - Asset Management Upgrades	60,000						60,000
94880 - Granicus Agenda Management Sys					75,000	75,000	150,000
94883 - Business Process Review & Improve Proj	150,000	150,000	150,000	150,000	150,000	150,000	900,000
<b>Subtotal Administrative Services Revenue</b>	<b>1,710,000</b>	<b>1,350,000</b>	<b>1,150,000</b>	<b>1,150,000</b>	<b>1,706,860</b>	<b>1,475,000</b>	<b>8,541,860</b>
<b>Subtotal Internal Service Funds</b>	<b>1,787,400</b>	<b>1,429,720</b>	<b>1,232,110</b>	<b>1,234,580</b>	<b>1,793,970</b>	<b>1,564,730</b>	<b>9,042,510</b>

# Summary of Funding Sources

	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
<b>BORROWING</b>							
<b><u>GENERAL SOURCES</u></b>							
<b>Lease Purchase - General Fund</b>							
91218 - Fire Engine Replacement				643,220	668,950		1,312,170
91236 - Rescue Vehicle (Fire)	190,000	240,000	240,000		240,000	240,000	1,150,000
91259 - Radio Replacements			1,155,000				1,155,000
912xx - Fire Boat		343,000			68,000		411,000
912xx - Ladder Truck Replacement			1,155,820			1,592,800	2,748,620
93657 - Mini Bobcat Loader and Trailer	35,000						35,000
936xx - Administration Vehicle		25,000					25,000
94244 - Miscellaneous Vehicle Additions	21,000						21,000
<b>Subtotal Lease Purchase - General Fund</b>	<b>246,000</b>	<b>608,000</b>	<b>2,550,820</b>	<b>643,220</b>	<b>976,950</b>	<b>1,832,800</b>	<b>6,857,790</b>
<b>Subtotal Borrowing/General Sources</b>	<b>246,000</b>	<b>608,000</b>	<b>2,550,820</b>	<b>643,220</b>	<b>976,950</b>	<b>1,832,800</b>	<b>6,857,790</b>
<b><u>SELF-SUPPORTING FUNDS</u></b>							
<b>Lease Purchase - Stormwater</b>							
96189 - Dump Trailer	60,000						60,000
96190 - Roll-Off Truck	230,000						230,000
96191 - Stormwater Vehicle	30,000						30,000
<b>Subtotal Lease Purchase - Stormwater</b>	<b>320,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>320,000</b>
<b>Lease Purchase - Gas</b>							
96390 - Ford Trucks	161,000						161,000
<b>Subtotal Lease Purchase - Stormwater</b>	<b>161,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>161,000</b>
<b>Lease Purchase - Water</b>							
96780 - Valve Turner Maintenance Trailer	60,000						60,000
<b>Subtotal Lease Purchase - Water</b>	<b>60,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60,000</b>
<b>Lease Purchase - Sewer</b>							
96209 - Maintenance Vehicle	109,000						109,000
962xx - Trailer Mounted Bio-solids Centrifuge			700,000				700,000
<b>Subtotal Lease Purchase - Sewer</b>	<b>109,000</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>809,000</b>
<b>Future Bond Issue - Water &amp; Sewer</b>							
94626 - Public Works Complex	50,000	325,000	3,100,000	400,000	4,000,000		7,875,000
96202 - WWTP Screw Pump Replacement		110,000	800,000				910,000
96204 - WWTP UV Disinfection System		3,700,000					3,700,000
962xx - WET NNC Rule Compliance			2,000,000				2,000,000
96611 - Biosolids Treatment	5,000,000						5,000,000
96619 - WWTP Generator Replacements			900,000				900,000
96630 - Sanitary Sewer Extensions	2,517,870	1,032,580	487,540	2,033,650	1,365,670		7,437,310
96654 - Facilities Upgrade & Improvement	2,400,000	3,700,000	3,000,000	1,000,000			10,100,000
96686 - Pump Station Replacement			1,200,000	1,000,000			2,200,000
96740 - Water Supply & Treatment	900,000	10,530	1,000,000				1,910,530

# Summary of Funding Sources

	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Total
<b>Future Bond Issue (continued)</b>							
96773 - Groundwater Replenishment Facility		1,500,000	8,500,000				10,000,000
96775 - Arsenic Removal Water Treat Plant #3	1,000,000	1,000,000					2,000,000
<b>Subtotal Water &amp; Sewer Future Bond Issue</b>	<b>11,867,870</b>	<b>11,378,110</b>	<b>20,987,540</b>	<b>4,433,650</b>	<b>5,365,670</b>	<b>0</b>	<b>54,032,840</b>
<b>Subtotal Borrowing/Self Supporting Funds</b>	<b>12,517,870</b>	<b>11,378,110</b>	<b>21,687,540</b>	<b>4,433,650</b>	<b>5,365,670</b>	<b>0</b>	<b>55,382,840</b>
<b><u>INTERNAL SERVICE FUNDS</u></b>							
<b>Lease Purchase - Garage</b>							
94241 - Motorized Equipment Replacement-L/P	4,922,000	5,020,440	5,120,850	5,223,270	5,327,730	5,434,290	31,048,580
94243 - Radio P25 Upgrade	500,000	500,000	500,000				1,500,000
94244 - Miscellaneous Vehicle Additions	19,000						19,000
<b>Subtotal Lease Purchase - Garage</b>	<b>5,441,000</b>	<b>5,520,440</b>	<b>5,620,850</b>	<b>5,223,270</b>	<b>5,327,730</b>	<b>5,434,290</b>	<b>32,567,580</b>
<b>Lease Purchase - Administrative Services</b>							
94814 - Network Infrastructure & Server R&R	350,000	350,000	350,000	350,000	350,000	400,000	2,150,000
94824 - IT Disaster Recovery Equipment	30,000	30,000	30,000	35,000	35,000	50,000	210,000
94827 - Telecommunications Upgrades	25,000	25,000	25,000	25,000	25,000	50,000	175,000
<b>Subtotal Lease Purchase - Admin. Services</b>	<b>405,000</b>	<b>405,000</b>	<b>405,000</b>	<b>410,000</b>	<b>410,000</b>	<b>500,000</b>	<b>2,535,000</b>
<b>Subtotal Borrowing/Internal Service Funds</b>	<b>5,846,000</b>	<b>5,925,440</b>	<b>6,025,850</b>	<b>5,633,270</b>	<b>5,737,730</b>	<b>5,934,290</b>	<b>35,102,580</b>
<b>TOTAL: ALL FUNDING SOURCES</b>	<b>69,963,350</b>	<b>95,094,060</b>	<b>77,087,300</b>	<b>55,579,990</b>	<b>64,341,060</b>	<b>44,021,870</b>	<b>406,087,630</b>