



FY 2015 - FY 2019
CAPITAL IMPROVEMENT PLAN
Includes Park of Commerce
Excludes Lake Worth 2020

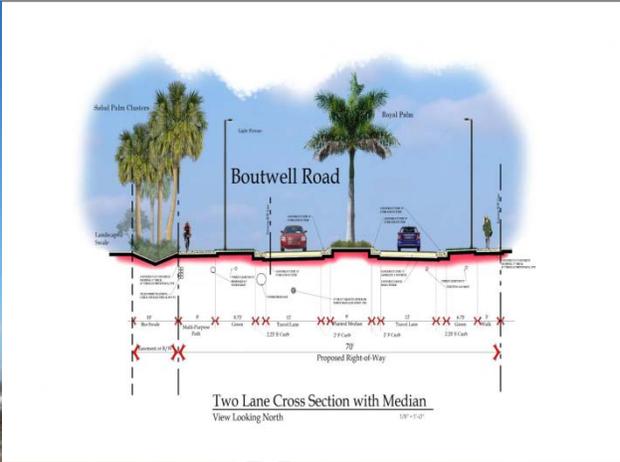


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**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

CIP TRANSMITTAL LETTER

FISCAL YEARS 2015 – 2019





OFFICE OF THE CITY MANAGER

7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1630 · Fax: 561-586-1750

MEMORANDUM

TO: Hon. Mayor and City Commissioners

FROM: Michael Bornstein
City Manager

DATE: September 9, 2014

SUBJECT: FY 2015-2019 Capital Improvement Plan (CIP)

In accordance with the City Charter, I hereby submit to the City Commission the proposed 5-Year Capital Improvement Plan (FY 2015-2019) for the City of Lake Worth, which includes the Park of Commerce economic development project.

A Capital Expenditure is the approved budget for improvements to, or acquisition of infrastructure, park development, building, construction or expansion, utility systems, streets or other physical structure with an estimated cost of \$25,000 or more.

The Capital Improvement Plan for FY 2015-2019 totals \$45,993,291 as shown in **Table .1** and reflects the costs of capital improvements projects in excess of \$25,000 throughout the city for the next five years. Upon adoption by the Commission, the project costs of \$9.8M for the year 2015 will be part of the City's Annual Operating Budget and Comprehensive Plan for FY 2015.

SUMMARY OF PROJECTS BY DEPARTMENTS							
DEPARTMENTS	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Yr Total	% / 5 Yr Total
Community Sustainability	-	-	-	-	-	-	0%
Information Technology	345,000	195,000	195,000	145,000	145,000	1,025,000	2%
Leisure Services	-	35,000	-	-	-	35,000	0%
Public Services	603,704	1,851,695	1,321,166	1,718,277	3,086,478	8,581,320	19%
Utility Electric	3,365,000	1,815,000	1,100,000	4,080,000	1,910,000	12,270,000	27%
Utility Water & Sewer	5,495,000	4,607,900	6,242,000	3,170,000	4,567,071	24,081,971	52%
Totals	9,808,704	8,504,595	8,858,166	9,113,277	9,708,549	\$45,993,291	100%
% / Year	21%	18%	19%	20%	21%	100%	

Table .1



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Of the total capital improvement costs contained in the FY 2015-2019 Plan, \$3.35M relates to the Park of Commerce project /Phase I. As shown in **Table .1**, all capital projects in the FY 2015-2019 Capital Improvement Plan are contained in five departments and most notably in the Public Services, Electric Utility, and Water & Sewer Departments with a 98% share of the 5-Yr expenditures.

To recap our strategy, the City modified and expanded the Capital Improvement Plan into a more refined management tool and comprehensively identified long term infrastructural capital needs of the City. The next phase is to responsibly fund the capital projects which upon completion would attract businesses and other economic activities to the city. Staff also promoted a more holistic approach to capital management, where a number of projects that were shown individually in multiple departments, because of various funding sources, have now been consolidated into single projects under one department. For example, the redevelopment of the Park of Commerce consists of many new roads, storm water facilities and utility services which are all now included within the Park of Commerce Fund as a single economic development project. This should make it easier to identify total costs of capital projects and to better conceptualize the various project components.

- A summary of some of our capital activities are captured under various departments

Information Technology:

FY 2015-19 Capital Improvement Plan (CIP) total reflects consistent cost levels to improve and maintain the necessary technological infrastructural City-wide. The Information Technology department is also tasked with spearheading our Contracts Management Software, and building an Offsite Data Recovery Backup System.

Public Service:

The Public Services department will have the continued task of road repairs throughout the city that includes fixing potholes, milling and resurfacing, and paving. Their Fleet Division is also responsible for multiple vehicle replacements during the upcoming year.

Electric Utility

The Electric Utility department is also tasked with major contributions to the Park of Commerce project / phase 1. **Table .2** shows \$3.2M under Transmission and Distribution targeted for replacing sub-stations and transmission loops throughout the city, plus upgrades to the System Relay program.



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Water and Sewer

The Water and Sewer Department is now a stand-alone department since FY 2014, and is tasked with critical watermain replacements, construction of new wells, and rehabilitation of sewer lining and lift stations. This department will also be the lead department in the Park of Commerce project.

SUMMARY OF PROJECTS BY DIVISIONS							
DIVISIONS	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Yr Total	% / 5 Yr Total
Facilities Management	145,000	100,000	-	-	-	245,000	1%
Garage/Fleet	505,000	235,000	100,000	-	-	840,000	2%
Information Technology	345,000	195,000	195,000	145,000	145,000	1,025,000	2%
Leisure Services - Golf	-	35,000	-	-	-	35,000	0%
Leisure Services - Recreation	-	-	-	-	-	-	0%
Leisure Services - Beach Parking	-	-	-	-	-	-	0%
Local Sewer Coll & Pumping	550,000	750,000	1,000,000	340,000	700,000	3,340,000	7%
Power Generation	150,000	400,000	-	-	-	550,000	1%
Public Services Admin	-	-	-	-	-	-	0%
Regional Sewer Coll & Pumping	250,000	-	-	50,000	500,000	800,000	2%
Public Services Stormwater	-	539,643	64,582	619,877	1,570,626	2,794,728	6%
Streets Maintenance	358,704	1,112,052	1,156,584	1,098,400	1,515,852	5,241,592	11%
System Operations	-	-	-	-	-	-	0%
Transmission & Distribution	3,215,000	1,415,000	1,100,000	4,080,000	1,910,000	11,720,000	25%
Water & Sewer Admin	3,350,000	-	-	-	-	3,350,000	7%
Water Distribution	500,000	2,842,000	4,060,000	2,700,000	3,287,071	13,389,071	29%
Water Treatment	440,000	880,900	1,182,000	80,000	80,000	2,662,900	6%
Totals	9,808,704	8,504,595	8,858,166	9,113,277	9,708,549	45,993,291	100%

Table .2

Tables .3 and .4 show the same CIP expenditure data, however, separated into funding sources and project category to better identify the scope of projects across the board, and how they are funded throughout the five-year period FY 2015-2019.



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SUMMARY OF PROJECTS BY FUNDING SOURCES							
FUNDING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Yr Total	% / 5 Yr Total
Available Bond Proceeds	5,215,000	4,115,000	3,800,000	6,780,000	4,610,000	24,520,000	53.3%
Capital Improvement Fund	495,000	-	-	-	-	495,000	1.1%
Electric Fund	150,000	400,000	-	-	-	550,000	1.2%
Garage/Fleet Fund	100,000	100,000	100,000	-	-	300,000	0.7%
General Fund	-	100,000	-	-	-	100,000	0.2%
Golf Course Fund	-	35,000	-	-	-	35,000	0.1%
Grants (Federal)	1,000,000	-	-	-	-	1,000,000	2.2%
Information Technology Fund	345,000	195,000	195,000	145,000	145,000	1,025,000	2.2%
Insurance Fund	-	-	-	-	-	-	0.0%
Local Sewer Fund	875,000	885,000	1,000,000	340,000	852,071	3,952,071	8.6%
Park of Commerce Fund	-	-	-	-	-	-	0.0%
Regional Sewer	250,000	-	-	50,000	500,000	800,000	1.7%
Road Improvement Fund	358,704	1,112,052	1,156,584	1,098,400	1,515,852	5,241,592	11.4%
Stormwater Fund	-	539,643	64,582	619,877	1,570,626	2,794,728	6.1%
Water Fund	1,020,000	1,022,900	2,542,000	80,000	515,000	5,179,900	11.3%
Totals	9,808,704	8,504,595	8,858,166	9,113,277	9,708,549	\$45,993,291	100%

Table .3

SUMMARY BY PROJECT CATEGORY							
PROJECT CATEGORY	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Yr Total	% / 5 Yr Total
Building Maintenance	145,000	100,000	-	-	-	245,000	0.53%
Building Rehabilitation	-	-	-	-	-	-	0.00%
Economic Development	3,350,000	-	-	-	-	3,350,000	7.28%
Electric Systems	3,365,000	1,815,000	1,100,000	4,080,000	1,910,000	12,270,000	26.68%
Infrastructure	-	539,643	64,582	619,877	1,570,626	2,794,728	6.08%
Leisure Programs	-	35,000	-	-	-	35,000	0.08%
Sewer Maintenance	800,000	750,000	1,000,000	390,000	1,200,000	4,140,000	9.00%
Streets Maintenance	358,704	1,112,052	1,156,584	1,098,400	1,515,852	5,241,592	11.40%
Technology Improvement	345,000	195,000	195,000	145,000	145,000	1,025,000	2.23%
Vehicle Replacement	505,000	235,000	100,000	-	-	840,000	1.83%
Water System	940,000	3,722,900	5,242,000	2,780,000	3,367,071	16,051,971	34.90%
Totals	9,808,704	8,504,595	8,858,166	9,113,277	9,708,549	\$45,993,291	100%
% Expenditures by Year	21%	18%	19%	20%	21%	100%	

Table .4



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Conclusion:

A comprehensive 5-Year Capital Improvement Plan affords the City the opportunity to strategize on how best to implement and execute capital projects. This document is the result of the professional input from the City Manager's Office, Budget Team and all City departments with capital projects. This CIP document constructively reflects the critical needs of the city after many years of neglect.

The FY 2015-2019 Capital Improvement Plan has been presented to the City Commission for their review and input at multiple budget workshops, and is hereby submitted for adoption at the first Public Hearing of the Annual Operating Budget on September 9, 2014.

Michael Bornstein

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

INTRODUCTION

- POLICIES & OBJECTIVES
- PREPARATION & REVIEW PROCESS
- APPROVAL AND ADOPTION PROCESS
- FUNDING POLICY



Capital Improvement Plan (CIP)

Introduction

The City of Lake Worth's Capital Improvement Program (CIP) is an official statement of public policy regarding the long-range plan of capital projects and their related minimum cost of **\$25,000**. The CIP serves as an authorized guide for the acquisition, maintenance and replacement of the City's assets and infrastructure in the most cost efficient manner. The Capital Improvement Plan calendar timeline is part of, and included in the Annual Operating Budget calendar.

All five (5) years of the CIP requests are considered equally important and must be verifiable with regards to the Capital Project's estimated costs. Additionally, the first three (3) years of any project must have viable and verifiable funding sources.

The Capital Improvement Program (CIP) is distinct from the Annual Operating Budget. The Adopted CIP authorizes capital projects while the Annual Operating Budget authorizes the fiscal year expenditures for employee salaries and benefits, contractual services, other operating expenses, and Departmental Capital Outlay items costing less than \$25,000. The first year expenditures of the CIP are included in the fiscal year Annual Operating Budget.

The CIP accomplishes the following:

1. Identifies capital projects and their related costs,
2. Provides a planning schedule of such projects,
3. Identifies options for funding or financing projects.
4. Earmarks ongoing related costs upon completion of the project

Capital Projects should include any or all of the following costs:

1. Pre-Construction (i.e. Survey)
2. Design / Plans / Engineering
3. Land Acquisition
4. Permits
5. Construction
6. Inspection / Testing
7. Furniture / Fixtures / Equipment
8. Contingency / Miscellaneous
9. Other / Indirect

Capital Improvement Plan (CIP)

The CIP should result in the acquisition of or addition to fixed assets in any or all of the following forms,

1. Acquisition of land,
2. Construction of a new building / facility,
3. Expansion / rehabilitation of an existing building / facility,
4. Infrastructure improvements of a permanent nature (i.e. roads),
5. Purchase of major equipment (i.e. Machinery, furniture, fixtures).

Policies and Objectives:

1. A Capital Project is defined as a capital expenditure with a minimum value of \$25,000:
2. The City will develop and update a five-year CIP annually in order to add new projects, re-evaluate existing programs, and revise projects based on new requirements, changes to the cost structure, or new sources of funding.
3. All capital projects listed in the CIP must have viable funding sources in the first three years.
4. The CIP must serve as a tool for implementing the City of Lake Worth's Comprehensive Plan.
5. To re-evaluate project priorities on a yearly basis to ensure the most important Capital Projects are developed based on the ranking system.
6. To determine the operational impact of projects on the City's Annual Operating Budget.
7. The CIP committee (Directors, Project Managers) will review each project based on established criteria, prior to any project being included in the CIP,
8. To facilitate long-range financial planning by matching estimated revenue against capital needs, establishing capital expenditures, and identifying the need for municipal borrowing,
9. To serve as a guide for the City Commission to make sound budgetary decisions,
10. To promote and enhance economic development of the City of Lake Worth,
11. To forecast the orderly acquisition, replacement and rehabilitation of public facilities, and the systematic replacement of vehicles and equipment,

Capital Improvement Plan (CIP)

12. To promote sound financial planning in order to enhance and protect the bond rating of the City of Lake Worth.
13. To serve as a source of information for stakeholders on the development plans for the City.
14. To provide an opportunity for citizens to voice their opinions on the development of the City's facilities and infrastructure.

The Preparation and Review Process of the CIP

The City's Capital Improvement Program process begins in January of each year. The CIP manual and the blank Project Request Forms are delivered to Department Directors and their designee(s) to complete their requests for the next 5-year period.

The Project Request Form must be fully completed in a separate Excel 'tab' for each project; and all designated areas of input must be filled in, where applicable.

The last section of the Project Request Form is the 'Net Operational Impact' section which must be filled in for Office of Management and Budget to include in the budget.

Directors are required to prioritize their projects by assigning a number code of 1 – 5 for each project with #5 being the highest priority.

Department Director's assessment of project priority should be based on the benefits to be derived from such project, the enhancement to the City's existing policies (i.e. Comprehensive Plan), and the needs of the City's residents.

The City's administration (City Manager, Budget Team, Directors) reviews each project request, and the following aspects are weighed in the Capital Project decision making process:

- Critical Projects
 - Life Safety Emergency: Project relates directly to saving or protecting lives.
 - Legal Liability: If the project is not funded, legal action against the local Government is imminent.
 - Prior Binding Commitment: Project to be undertaken due to commitments created through actions of the City Commission.

Capital Improvement Plan (CIP)

- Operational Issues
 - The project will increase operational efficiencies, positively impact levels of service, or satisfy currently unmet needs.
- Operational Savings
 - The project will result in decreased operating costs for the City of Lake Worth.
- Strategic Importance
 - The project is a crucial part of the City's growth plan or the project impacts a particular population segment, geographical area, or political jurisdiction of special concern.
- Partnership Funding
 - The project will receive grants or sources of funding other than those from the City of Lake Worth.
- Other Considerations
 - Category for projects that present unique opportunities for the City of Lake Worth to undertake that do not fall into any of the above categories.

Approval & Adoption Process

Although the Capital Improvement Plan is part of the annual budget review process, it is adopted separately.

Through budget workshops, the proposed CIP document is presented to the City Commission for their review, questions and recommendations.

The Budget Team will make the necessary revisions, additions or deletions (if any)

The final CIP document is submitted to the City Commission at the first public hearing of the annual operating budget, to be adopted by way of Resolution which approves the CIP in principle.

Upon yearly adoption of the CIP, the 5-year Schedule of Capital Improvements will then update the Capital Improvement Element of the City's Comprehensive Plan per Florida Statute 163.3177(3)(b)1.

Funding Policy

In order for a Capital Improvement Program to be an effective management planning tool, the program must include not only major capital needs and their costs but also a financing plan for the entire life of the project. The financing plan must include an analysis of the available resources, which will be used to

Capital Improvement Plan (CIP)

fund not only the Capital Project but also the associated operating expenses derived from the project's completion. The financing plan is prepared in such a manner to be as accurate and informative as possible for the benefit of all City residents.

Debt vs. Pay-As-You-Go Financing

The issuance of municipal debt or other debt (i.e. State Revolving Loans) is most appropriate under the following circumstances:

1. There's a small number of relatively large dollar value projects.
2. The large projects cannot be broken into segments and the costs distributed over a larger time frame without impairing the usefulness of the project.
3. The projects are non-recurring.
4. Assets acquired have a relatively long useful life that equals or exceeds the life of the debt. Through long-term bond or note financing, the cost of projects having a long useful life can be shared by future residents who will benefit from the projects.

Pay-As-You-Go financing is most appropriate under the following circumstances:

1. A large number of projects having a relatively small dollar value.
2. Projects that can be broken down into phases with a portion completed each year without impairing the overall effectiveness of the project.
3. Projects that are of a recurring nature.
4. Projects where the assets acquired will have relatively short useful lives.

The primary advantage of pay-as-you-go financing is that interest costs and debt issuance costs can be avoided. However, if inappropriately used, this financing plan may cause tax rates and fee structures to increase suddenly and may result in current residents paying a greater portion of projects that benefit future residents.

Capital Improvement Plan (CIP)

City of Lake Worth, Florida

FY 2015 - 2019 CIP

		Capital Improvement Program (CIP) Project Request Form <i>(For Projects / Items Costing Over \$25,000)</i>						
(Page 1 of 2)								
Project Title:	Street Repairs / Maintenance	Category Criteria	Critical Repairs					
Department:	Public Services	Division:	Streets Maintenance					
Project Manager:	Director's Name	Project Location:	City Wide					
Project Identification Number:	PS-XX-XXXX	Programmed:						
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	5					
BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenditures PYs 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (I.e. Survey)		50	50	50	50	50	50	300
Design / Plans / Engineering								-
Land Acquisition								-
Permits		SAMPLE FORM						-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures		50	50	50	50	50	50	\$ 300
Project Description:								
Project Need / Justification / Benefits:								
List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:								
			-					-
			-					-
			-					-

Capital Improvement Plan (CIP)

Project Title: (Page 2 of 2) **Street Repairs / Maintenance**

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures PYs 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001		50	50	50	50	50	50	300
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404			SAMPLE FORM					-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:		50	50	50	50	50	50	\$ 300

#2) Grant Funding:	Estimated Expenditures PYs 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures PYs 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures PYs 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures PYs 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	50	-	50	50	50	50	50	300
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:		50	50	50	50	50	50	\$ 300

This section must be completed for all applicable projects.
Please list future revenues and expenses once project is completed and fully operational.

Net Operational Impact:					
A. Revenues Generated:		B. Expenses Incurred:			Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)			\$ -

Capital Improvement Plan (CIP)

Instructions

1. The Capital Improvement Program “Project Request Form” has been designed to provide a complete picture of the proposed Capital Project in terms of the following 3 major concepts:
 - a. Detailed Costs of the Project over 5-years,
 - b. Funding Sources of the Capital Project over 5-years,
 - c. Future Operating Cost Implications once Capital Project is completed.
2. For “Responsible Department,”
 - a. Use the drop-down box to indicate which Department is requesting the Capital Project.
 - b. Use the drop-down box to indicate the correct “Division” within the Department.
3. For “Project Manager” put the name of the Department Director, Division Manager or designee of the requested Capital Project.
4. There is a new “Criteria Category” please click on the drop-down box and select the appropriate type or nature of the capital project...e.g. “Improvements” or “Critical Repairs”; not related to scheduled repairs and maintenance.
5. For “Project Location” put the location by street address or name of facility of the project.
6. For “Programmed” category, click on the drop-down box and indicate **yes** or **no**. See Glossary/Definitions section for explanation of Programmed and Non-Programmed.
7. For “Project Priority” put **1, 2, 3**, etc. with **1** being the lowest priority Capital Project.
8. For all Capital Projects, include the Budgeted Expenditures for each year of the project – Under “Project Elements” List the costs (i.e. Pre-Construction, Design / Plans / Engineering, etc.).
9. For *existing* Capital Projects, there are 2 columns titled “PYs as of 9/30/2010” and “Budgeted FY 2011.” These columns are utilized to determine what the prior year costs were for the Capital Projects. Place all expenditures as of 9/30/2010 in the first column and place the budgeted expenditures for FY 2011 in the second column.
10. For “Project Description,” place a clear and comprehensive description of the project in this cell. Ensure all Project Elements are considered. (Attach pictures).
11. For “Project Need/Justification” please state the need and purpose for the project request
NOTE: Please hold down “Alt” and press “Enter” to move down to the next row to create a new paragraph within the cell.

Capital Improvement Plan (CIP)

12. For “List of Equipment” (to be purchased) from Furniture / Fixtures / Equipment Above,” list all the items that the project requires to be purchased in order to complete the Capital Project.
13. For “Revenue/Funding Schedule,” there are 4 types of Funding:
 - a. City Funding – place the amount(s) that the governmental or proprietary fund(s) will supply to the project,
 - b. Grant Funding – place the amount(s) that the City of Lake Worth expects to obtain from being awarded particular grants to support the project,
 - c. Other Outside Funding – place the amount(s) that the City of Lake Worth will utilize from either issuing new debt, available debt proceeds currently in existence, or other sources of outside funding (i.e. Florida State Revolving Loan).
 - d. Revenue Enhancements – place the amount that the City of Lake Worth will earn from completion of the project (i.e. if the project implements new parking meters, how much the City will earn from such meters).
14. For “Operational Impact,” place the best estimates of the yearly operational revenues and expenses once the project has been completed. These expenses must be budgeted in the Annual Operating Budget on a yearly basis to support the ongoing maintenance of the project. If upon completion the Capital Project will produce revenues, list the specific types of revenues the Capital Project will generate.

Glossary / Terms/Definitions

Committed (*i.e. Encumbered**) budgeted funds for CIP projects that are unspent at the end of the fiscal year will be carried over to the next fiscal year.

Uncommitted budgeted funds for CIP projects that are unspent at the end of the fiscal year will be reviewed annually and determined if they are to be carried over to the next fiscal year.

Encumbrance: A commitment related to an unfilled contract for goods or services; a purchase order outstanding.

Programmed Projects - A Programmed project is such that the project is already out of the conceptual stage and is, at a minimum, in the planning stage.

Non Programmed Projects - A Non-Programmed project is such that the project is still in its conceptual stage and is currently not in the planning stage.

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

SUMMARY SCHEDULES OF CAPITAL PROJECTS



FY 2015-19 CIP Projects
(Includes LW POC, Excludes LW 2020)

Page #	Departments / Divisions Project Description	Estimated Expenditures		Fiscal Year	5 Yr Total	Total Project				
		thru 9/30/13	FY14 Bud	2015	2016	2017	2018	2019	FY 2015-2019	Estimate
	I. PUBLIC SERVICES DEPARTMENT									
	A. Street / Road Improvements									
1	Road Improvements- Multiple Road Projects	-	545,440	-	-	-	-	-	-	545,440
1	6th Ave S - Dixie Hwy to Federal Hwy - Mill & Overlay	-	-	197,865	-	-	-	-	197,865	197,865
1	N Lakeside - 16th Ave N to 18th Ave N - Mill & Overlay	-	-	160,839	-	-	-	-	160,839	160,839
1	N M St - Lucerne to 2nd Ave N	-	-	-	74,768	-	-	-	74,768	74,768
1	S M St - Lake Ave to 1st Ave S	-	-	-	74,768	-	-	-	74,768	74,768
1	N O St - 14th Ave N to 16th Ave N	-	-	-	156,492	-	-	-	156,492	156,492
1	Yale Dr - N Lakeside to Notre Dame	-	-	-	74,709	-	-	-	74,709	74,709
1	4th Ave S - Ocean Breeze to Lakeside	-	-	-	108,675	-	-	-	108,675	108,675
1	North F St to North A St - 11th & 12th Ave N	-	-	-	383,374	-	-	-	383,374	383,374
1	Tropical Dr & Barton Rd	-	-	-	-	884,814	-	-	884,814	884,814
1	16th Ave North - North A St to North D St	-	-	-	-	135,885	-	-	135,885	135,885
1	17th Ave North - North A St to North D St	-	-	-	-	135,885	-	-	135,885	135,885
1	18th Ave North - North A St to North D St	-	-	-	-	-	140,003	-	140,003	140,003
1	North K St & North M St - 2nd Ave N to 9th Ave N	-	-	-	-	-	673,390	-	673,390	673,390
1	North F St. - 11th Ave N to 13th Ave N	-	-	-	239,266	-	-	-	239,266	239,266
1	Duke Drive - Federal Hwy to Lakeside	-	-	-	-	-	285,007	-	285,007	285,007
1	N Lakeside Dr - Wellesley Dr to Duke Dr	-	-	-	-	-	-	421,811	421,811	421,811
1	Wellesley Dr - N Lakeside to Notre Dame Dr	-	-	-	-	-	-	125,403	125,403	125,403
1	Notre Dame Dr - Wellesly Dr to Harvard Dr	-	-	-	-	-	-	205,205	205,205	205,205
1	Harvard Dr - N Lakeside Dr to Notre Dame Dr	-	-	-	-	-	-	125,403	125,403	125,403
1	Snowden Dr - 12th Ave S to 6th Ave S	-	-	-	-	-	-	638,030	638,030	638,030
	Sub-Total	-	545,440	358,704	1,112,052	1,156,584	1,098,400	1,515,852	5,241,592	5,787,032
	B. Facilities Management									
3	Public Safety Chiller/Handler Replacement	-	-	80,000	-	-	-	-	80,000	80,000
5	Bryant Park /Bandshell Roof & Canopy Repl	-	-	65,000	100,000	-	-	-	165,000	165,000
	Sub-Total	-	-	145,000	100,000	-	-	-	245,000	245,000
	C. Stormwater									
7	11th Ave N - North A St. to North F St.	-	-	-	210,461	-	-	-	210,461	210,461
7	12th Ave N - North A St. to North F St.	-	-	-	210,461	-	-	-	210,461	210,461
7	North F St. - 11th Ave N to 13th Ave N	-	-	-	118,721	-	-	-	118,721	118,721
7	16th Ave North - North A St to North D St	-	-	-	-	32,291	-	-	32,291	32,291
7	17th Ave North - North A St to North D St	-	-	-	-	32,291	-	-	32,291	32,291

Page #	Departments / Divisions Project Description	Estimated Expenditures		Fiscal Year	5 Yr Total	Total Project				
		thru 9/30/13	FY14 Bud	2015	2016	2017	2018	2019	FY 2015-2019	Estimate
	I. PUBLIC SERVICES DEPARTMENT									
	C. Stormwater (Cont'd)									
7	18th Ave North - North A St to North D St			-	-	-	33,270	-	33,270	33,270
7	Duke Drive - Federal Hwy to Lakeside			-	-	-	348,649	-	348,649	348,649
7	North K St. - 2nd Ave N to 9th Ave N			-	-	-	118,979	-	118,979	118,979
7	North M St. - 2nd Ave N to 9th Ave N			-	-	-	118,979	-	118,979	118,979
7	N Lakeside Dr - Wellesley Dr to Duke Dr			-	-	-	-	516,001	516,001	516,001
7	Wellesley Dr - N Lakeside to Notre Dame Dr			-	-	-	-	153,405	153,405	153,405
7	Notre Dame Dr - Wellesly Dr to Harvard Dr			-	-	-	-	251,027	251,027	251,027
7	Harvard Dr - N Lakeside Dr to Notre Dame Dr			-	-	-	-	125,513	125,513	125,513
7	Snowden Dr - 12th Ave S to 6th Ave S			-	-	-	-	80,129	80,129	80,129
7	Collier Ave - Snowden Dr to Lake Osborne Dr			-	-	-	-	65,560	65,560	65,560
7	11th Ave South - A St. to H St.			-	-	-	-	269,084	269,084	269,084
7	South G St. - 9th Ave S to 11th Ave S			-	-	-	-	109,907	109,907	109,907
	Sub-Total	-	-	-	539,643	64,582	619,877	1,570,626	2,794,728	2,794,728
	D. Garage									
9	Fleet Replacement	50,000	-	100,000	100,000	100,000	-	-	300,000	350,000
11	UT Local Sewer vehicles		275,000	325,000	135,000	-	-	-	460,000	735,000
13	UT Water vehicles		-	80,000	-	-	-	-	80,000	80,000
	Sub-Total	50,000	275,000	505,000	235,000	100,000	-	-	840,000	1,165,000
	E. Park of Commerce (POC)									
15	POC Phases I & II - See Project Worksheets	500,250	700,000	3,350,000	-	-	-	-	3,350,000	4,550,250
	Sub-Total	500,250	700,000	3,350,000	-	-	-	-	3,350,000	4,550,250
	Public Services Total:	550,250	1,520,440	4,358,704	1,986,695	1,321,166	1,718,277	3,086,478	12,471,320	14,542,010
	II. LEISURE SERVICES DEPARTMENT									
	A. Golf Course									
17	Golf Course Shed Replacement	-	-	-	35,000	-	-	-	35,000	35,000
	Sub-Total	-	-	-	35,000	-	-	-	35,000	35,000
	Leisure Services Total:	-	-	-	35,000	-	-	-	35,000	35,000
	III. UTILITY - ELECTRIC									
	A. Electric - Power Generation									
19	MU 1&5 Overhaul & Generator Rebuild	-	-	-	400,000	-	-	-	400,000	400,000
21	Power Plant Roofing Coating	-	-	150,000	-	-	-	-	150,000	150,000
	Sub-Total	-	-	150,000	400,000	-	-	-	550,000	550,000

Page #	Departments / Divisions Project Description	Estimated Expenditures		Fiscal Year	5 Yr Total	Total Project				
		thru 9/30/13	FY14 Bud	2015	2016	2017	2018	2019	FY 2015-2019	Estimate
	III. UTILITY - ELECTRIC									
	B. Electric - Transmission & Distribution									
23	System Relays Upgrade	127,167	125,000	125,000	125,000	-	-	-	250,000	502,167
25	138 KV Tie Line Addition	-	-	-	-	-	4,000,000	-	4,000,000	4,000,000
27	15th Avenue South Sub-Station	-	-	360,000	-	-	-	1,390,000	1,750,000	1,750,000
29	Capital Equipment for Long Range Plan	-	-	720,000	-	-	-	-	720,000	720,000
31	26.4 KV Sub Transmission Loop - North	80,000	80,000	80,000	420,000	-	-	-	500,000	660,000
33	26.4 KV Sub Transmission Loop - South	-	-	80,000	-	80,000	80,000	520,000	760,000	760,000
35	4th Ave North Sub-Station	-	-	100,000	680,000	970,000	-	-	1,750,000	1,750,000
37	18th Ave North Sub-Station	-	360,000	1,390,000	-	-	-	-	1,390,000	1,750,000
39	6th Avenue South Sub-station	-	-	360,000	190,000	50,000	-	-	600,000	600,000
	Sub-Total	207,167	565,000	3,215,000	1,415,000	1,100,000	4,080,000	1,910,000	11,720,000	12,492,167
	Utility - Electric Total:	207,167	565,000	3,365,000	1,815,000	1,100,000	4,080,000	1,910,000	12,270,000	13,042,167
	IV. UTILITY - WATER & SEWER									
	A. Water Distribution									
41	2" Watermain Replacement	-	-	500,000	2,700,000	2,700,000	2,700,000	2,700,000	11,300,000	11,300,000
43	Watermain - Lake & Lucerne, G, J, K, L, M St	-	-	-	80,000	800,000	-	-	880,000	880,000
45	Watermain - Lake & Lucerne & FEC	-	-	-	-	150,000	-	-	150,000	150,000
47	Watermain Install - O St & S. Palmway	-	-	-	62,000	410,000	-	-	472,000	472,000
49	Watermain Repl-Yr #6 LW2020 -See Sewer	-	-	-	-	-	-	435,000	435,000	435,000
	Sub-Total	-	-	500,000	2,842,000	4,060,000	2,700,000	3,135,000	13,237,000	13,237,000
	B. Water Treatment									
51	Well # 4 New Constr	-	-	-	-	-	-	80,000	80,000	80,000
53	Well # 16,17,18 Raw Wtr Main Constr	69,500	1,223,205	-	120,000	120,000	-	-	240,000	1,532,705
55	Well # 12 New Constr	-	20,000	380,000	-	-	-	-	380,000	400,000
57	Well # 17 New Constr	-	-	60,000	662,000	-	-	-	722,000	722,000
59	Well # 18 New Constr	-	-	-	58,900	662,000	-	-	720,900	720,900
61	Ground Storage Tank Repairs	-	-	-	-	-	80,000	-	80,000	80,000
63	HS Pumps # 3, 4, 5 Repl	-	-	-	40,000	400,000	-	-	440,000	440,000
	Sub-Total	69,500	1,243,205	440,000	880,900	1,182,000	80,000	80,000	2,662,900	3,975,605
	C. Local Sewer Collection & Pumping									
65	15th Ave S. & Fordham Sewer Lining	-	580,000	60,000	-	-	-	-	60,000	640,000
67	Global Manhole Rehabilitation Lining Project	87,000	-	250,000	100,000	100,000	100,000	100,000	650,000	737,000
69	Lift Station # 4 Coll Main Replacement	-	-	40,000	400,000	-	-	-	440,000	440,000
71	Collector Main Rehabilitation	-	-	200,000	200,000	200,000	200,000	200,000	1,000,000	1,000,000

Page #	Departments / Divisions Project Description	Estimated Expenditures		Fiscal Year	5 Yr Total	Total Project				
		thru 9/30/13	FY14 Bud	2015	2016	2017	2018	2019	FY 2015-2019	Estimate
	IV. UTILITY - WATER & SEWER									
	C. Local Sewer Collection & Pumping									
73	Sewer Rehab 3rd Ave North	-	-	-	50,000	700,000	-	-	750,000	750,000
75	Replace Lift Station # 12						40,000	400,000	440,000	440,000
N/A	Watermain Repl-Yr #6 LW2020 -See Water	-	-	-	-	-	-	152,071	152,071	152,071
	Sub-Total	87,000	580,000	550,000	750,000	1,000,000	340,000	852,071	3,492,071	4,159,071
	D. Regional Sewer Collection & Pumping									
77	Master Pump Station Control Improvement	-	-	250,000	-	-	-	-	250,000	250,000
79	6th Ave Interceptor Rehabilitation	-	-	-	-	-	50,000	500,000	550,000	550,000
	Sub-Total	-	-	250,000	-	-	50,000	500,000	800,000	800,000
	Utility - Water & Sewer Total:	156,500	1,823,205	1,740,000	4,472,900	6,242,000	3,170,000	4,567,071	20,191,971	22,171,676
	V. INFORMATION TECHNOLOGY									
81	Computer Workstation Upgrades	224,500	50,000	50,000	50,000	50,000	50,000	50,000	250,000	524,500
83	Network Infrastructure Replacement	114,000	45,000	30,000	45,000	45,000	45,000	45,000	210,000	369,000
85	Computer Server Upgrades	40,000	50,000	-	50,000	50,000	50,000	50,000	200,000	290,000
87	Microwave Wireless Expansion	-	-	-	-	-	-	-	-	-
87	Network Infrastructure Redundancy	-	-	30,000	-	-	-	-	30,000	30,000
89	Data Recovery - Offsite Storage & Backup	-	-	30,000	-	-	-	-	30,000	30,000
91	Microsoft Enterprise System	-	35,000	50,000	50,000	50,000	-	-	150,000	185,000
93	Contracts Management Software	-	-	30,000	-	-	-	-	30,000	30,000
95	IBM i-Series Server Upgrade	-	-	125,000	-	-	-	-	125,000	125,000
	Information Technology Total:	378,500	180,000	345,000	195,000	195,000	145,000	145,000	1,025,000	1,583,500
	Grand Total:	1,292,417	4,088,645	9,808,704	8,504,595	8,858,166	9,113,277	9,708,549	45,993,291	51,374,353
	5 Yr Total Percentage (%)			21%	18%	19%	20%	21%	100%	

**(FY 2015-19) CIP Summary Schedules
(Including LW POC)**

SUMMARY OF PROJECTS BY DEPARTMENTS							
DEPARTMENTS	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Yr Total	% / 5 Yr Total
Community Sustainability	-	-	-	-	-	-	0%
Information Technology	345,000	195,000	195,000	145,000	145,000	1,025,000	2%
Leisure Services	-	35,000	-	-	-	35,000	0%
Public Services	603,704	1,851,695	1,321,166	1,718,277	3,086,478	8,581,320	19%
Utility Electric	3,365,000	1,815,000	1,100,000	4,080,000	1,910,000	12,270,000	27%
Utility Water & Sewer	5,495,000	4,607,900	6,242,000	3,170,000	4,567,071	24,081,971	52%
Totals	9,808,704	8,504,595	8,858,166	9,113,277	9,708,549	45,993,291	100%
% / Year	21%	18%	19%	20%	21%	100%	

SUMMARY OF PROJECTS BY DIVISIONS							
DIVISIONS	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Yr Total	% / 5 Yr Total
Facilities Management	145,000	100,000	-	-	-	245,000	1%
Garage/Fleet	505,000	235,000	100,000	-	-	840,000	2%
Information Technology	345,000	195,000	195,000	145,000	145,000	1,025,000	2%
Leisure Services - Golf	-	35,000	-	-	-	35,000	0%
Leisure Services - Recreation	-	-	-	-	-	-	0%
Leisure Services - Beach Parking	-	-	-	-	-	-	0%
Local Sewer Coll & Pumping	550,000	750,000	1,000,000	340,000	700,000	3,340,000	7%
Power Generation	150,000	400,000	-	-	-	550,000	1%
Public Services Admin	-	-	-	-	-	-	0%
Regional Sewer Coll & Pumping	250,000	-	-	50,000	500,000	800,000	2%
Public Services Stormwater	-	539,643	64,582	619,877	1,570,626	2,794,728	6%
Streets Maintenance	358,704	1,112,052	1,156,584	1,098,400	1,515,852	5,241,592	11%
System Operations	-	-	-	-	-	-	0%
Transmission & Distribution	3,215,000	1,415,000	1,100,000	4,080,000	1,910,000	11,720,000	25%
Water & Sewer Admin	3,350,000	-	-	-	-	3,350,000	7%
Water Distribution	500,000	2,842,000	4,060,000	2,700,000	3,287,071	13,389,071	29%
Water Treatment	440,000	880,900	1,182,000	80,000	80,000	2,662,900	6%
Totals	9,808,704	8,504,595	8,858,166	9,113,277	9,708,549	45,993,291	100%

SUMMARY OF PROJECTS BY FUNDING SOURCES							
FUNDING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Yr Total	% / 5 Yr Total
Available Bond Proceeds	5,215,000	4,115,000	3,800,000	6,780,000	4,610,000	24,520,000	53.3%
Capital Improvement Fund	495,000	-	-	-	-	495,000	1.1%
Electric Fund	150,000	400,000	-	-	-	550,000	1.2%
Garage/Fleet Fund	100,000	100,000	100,000	-	-	300,000	0.7%
General Fund	-	100,000	-	-	-	100,000	0.2%
Golf Course Fund	-	35,000	-	-	-	35,000	0.1%
Grants (Federal)	1,000,000	-	-	-	-	1,000,000	2.2%
Information Technology Fund	345,000	195,000	195,000	145,000	145,000	1,025,000	2.2%
Insurance Fund	-	-	-	-	-	-	0.0%
Local Sewer Fund	875,000	885,000	1,000,000	340,000	852,071	3,952,071	8.6%
Public Service (Cap Proj Fund)	-	-	-	-	-	-	0.0%
Regional Sewer	250,000	-	-	50,000	500,000	800,000	1.7%
Road Improvement Fund	358,704	1,112,052	1,156,584	1,098,400	1,515,852	5,241,592	11.4%
Stormwater Fund	-	539,643	64,582	619,877	1,570,626	2,794,728	6.1%
Water Fund	1,020,000	1,022,900	2,542,000	80,000	515,000	5,179,900	11.3%
Totals	9,808,704	8,504,595	8,858,166	9,113,277	9,708,549	45,993,291	100%

SUMMARY BY PROJECT CATEGORY							
PROJECT CATEGORY	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Yr Total	% / 5 Yr Total
Building Maintenance	145,000	100,000	-	-	-	245,000	0.53%
Building Rehabilitation	-	-	-	-	-	-	0.00%
Economic Development	3,350,000	-	-	-	-	3,350,000	7.28%
Electric Systems	3,365,000	1,815,000	1,100,000	4,080,000	1,910,000	12,270,000	26.68%
Infrastructure	-	539,643	64,582	619,877	1,570,626	2,794,728	6.08%
Leisure Programs	-	35,000	-	-	-	35,000	0.08%
Sewer Maintenance	800,000	750,000	1,000,000	390,000	1,200,000	4,140,000	9.00%
Streets Maintenance	358,704	1,112,052	1,156,584	1,098,400	1,515,852	5,241,592	11.40%
Technology Improvement	345,000	195,000	195,000	145,000	145,000	1,025,000	2.23%
Vehicle Replacement	505,000	235,000	100,000	-	-	840,000	1.83%
Water System	940,000	3,722,900	5,242,000	2,780,000	3,367,071	16,051,971	34.90%
Totals	9,808,704	8,504,595	8,858,166	9,113,277	9,708,549	\$45,993,291	100%
% Expenditures by Year	21%	18%	19%	20%	21%	100%	

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

**5-YEAR
CAPITAL IMPROVEMENT PLAN**

**Includes Park of Commerce
Excludes Lake Worth 2020**

FISCAL YEARS 2015 – 2019

DETAIL PROJECTS BY DEPARTMENT/DIVISION



**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

PUBLIC SERVICES

Streets Maintenance



REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
General Fund - 001								-
Road Improvement Fund - 170		545,440	358,704	1,112,052	1,156,584	1,098,400	1,515,852	5,241,592
Capital Improvement Fund - 301								
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
City Self Insurance Fund -								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	545,440	358,704	1,112,052	1,156,584	1,098,400	1,515,852	\$ 5,241,592

#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Insurance Proceeds								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
City Funding	-	545,440	358,704	1,112,052	1,156,584	1,098,400	1,515,852	5,241,592
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ 545,440	\$ 358,704	\$ 1,112,052	\$ 1,156,584	\$ 1,098,400	\$ 1,515,852	\$ 5,241,592

This section must be completed for all projects.
Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:					
A. Revenues Generated:		B. Expenses Incurred:		Net Impact	
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)		-	\$ -

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

PUBLIC SERVICES

Facilities Management





Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Public Safety Bldg Chiller Replacement	Category Criteria	Critical Repairs
Department:	Public Services	Division:	Facilities
Project Manager:	Director	Project Location:	7 N Dixie
Project Identification Number:	PS-XX-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/13	FY2014 Bud	2015	2016	2017	2018	2019	
Pre-Construction (i.e. Survey)			2,000					2,000
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			8,000					8,000
Inspection / Testing								-
Furniture / Fixtures / Equipment			70,000					70,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures		-	80,000	-	-	-	-	\$ 80,000

Project Description:
 Replace old AC chiller and air handlers to a more efficient system.

Project Need / Justification / Benefits:
 The old system is an R-22 system which is being phased out in the industry. The system is deteriorating and slowly becoming a maintenance concern to keep running reliably to cool the Public Safety Building. The old system was not designed with positive airflow to allow fresh air make up. The new R-410 system is more environmentally friendly, cost effective, and allows for fresh air make up in the building. This will allow the facility to become a more comfortable work environment.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:			
AC Chiller	-	Recirculation pumps	-
Air Handlers	-		-
piping	-		-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
General Fund - 001								-
Capital Improvement Fund - 301			80,000					80,000
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:		-	80,000	-	-	-	-	\$ 80,000

#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
City Funding	-	-	80,000	-	-	-	-	80,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:		-	80,000	-	-	-	-	\$ 80,000

This section must be completed for all applicable projects.

Net Operational Impact:

A. Revenues Generated:			B. Expenses Incurred:			Net Impact
A.1- Revenue #1	-		B.1- Personnel:	-	B.5- Utilities:	
A.2- Revenue #2	-		B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-		B.3- Contract Services:		B.7- Equipment:	-
A.4- Revenue #4	-		B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-		Expense Totals (B.1 -to- B.8)			



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

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Project Title:	Bryant Pk Concession Bldg, Bandshell Canopy	Category Criteria	New/Improvements
Department:	Public Services	Division:	Facilities
Project Manager:	Director	Project Location:	Bryant Park
Project Identification Number:	PS-XX-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	2 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/13	FY2014 Bud	2015	2016	2017	2018	2019	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering			65,000	2,000				67,000
Land Acquisition								-
Permits								-
Construction				50,000				50,000
Inspection / Testing				5,000				5,000
Furniture / Fixtures / Equipment				43,000				43,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures		-	65,000	100,000	-	-	-	\$ 165,000

Project Description:

Design of use for Bryant Park to be done in FY15 combined with the replacement of Bandshell Roof and Canopy to be done in the following year FY16.

Project Need / Justification / Benefits:

Bryant Park is a focal point throughout the year for festivals and concerts and should look it's best for these events. A plan will be prepared for best use of the park grounds. Due to the age and normal wear the roof has started developing leaks. The roof and the stained yellowing canopy is in need of replacing to ensure building integrity and add to the appearance of the structure.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

Roof materials	-		-
Canopy	-		-
	-		-

REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
General Fund - 001			-	100,000				100,000
Capital Improvement Fund - 301			65,000					65,000
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:			- 65,000	100,000	-	-	-	\$ 165,000
#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:			-	-	-	-	-	\$ -
#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:			-	-	-	-	-	\$ -
#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:			-	-	-	-	-	\$ -
Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
City Funding			65,000	100,000	-	-	-	165,000
Grant Funding								-
Other Outside Funding								-
Revenue Enhancements								-
Total Revenue Funding:			- 65,000	100,000	-	-	-	\$ 165,000

This section must be completed for all applicable projects.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:		B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)				

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

PUBLIC SERVICES

Stormwater





Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

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Project Title:	Stormwater Improvement Projects				Category Criteria	Mandatory/Regulation
Responsible Department:	Public Services				Division:	Stormwater Division
Project Manager:	Director				Project Location:	Multiple
Project Identification Number:	XX-XX-XXXX				Programmed:	Yes
Project Type / Duration:	<input type="checkbox"/> New	<input checked="" type="checkbox"/> Existing	<input type="checkbox"/> 1-Year	<input checked="" type="checkbox"/> Multi-Yr	Project Priority:	4

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering				59,361	7,104	68,186	172,769	307,420
Land Acquisition								-
Permits								-
Construction				480,282	57,478	551,691	1,397,857	2,487,308
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	-	-	-	539,643	64,582	619,877	1,570,626	\$ 2,794,728

Project Description								
11th Ave N - North A St. to North F St.				210,461				
12th Ave N - North A St. to North F St.				210,461				
North F St. - 11th Ave N to 13th Ave N				118,721				
16th Ave North - North A St to North D St					32,291			
17th Ave North - North A St to North D St					32,291			
18th Ave North - North A St to North D St						33,270		
Duke Drive - Federal Hwy to Lakeside						348,649		
North K St. - 2nd Ave N to 9th Ave N						118,979		
North M St. - 2nd Ave N to 9th Ave N						118,979		
N Lakeside Dr - Wellesley Dr to Duke Dr							516,001	
Wellesley Dr - N Lakeside to Notre Dame Dr							153,405	
Notre Dame Dr - Wellesly Dr to Harvard Dr							251,027	
Harvard Dr - N Lakeside Dr to Notre Dame Dr							125,513	
Snowden Dr - 12th Ave S to 6th Ave S							80,129	
Collier Ave - Snowden Dr to Lake Osborne Dr							65,560	
11th Ave South - A St. to H St.							269,084	
South G St. - 9th Ave S to 11th Ave S							109,907	
Totals			-	539,643	64,582	619,877	1,570,626	2,794,728

Project Need / Justification / Benefits:
 These projects, which place values on a vital part of the City's infrastructure, have been coordinated with the City's Utilities Department and their Water/Sewer installation/maintenance schedule. The Departments were able to establish a construction sequence by meshing the Utilities proposed project schedule with the recently completed Public Services Stormwater Masterplan and Roadway & Sidewalk Masterplan based on service need and existing roadway Pavement Condition Index. Every road in Lake Worth has now been assigned a PCI rating from 0 (failed) to 100 (excellent). Treatment bands have been created based on this rating system with specific resolutions assigned to each range as follows: 100 - 91: Excellent Condition and in no need of repair - Do Nothing. 90 - 83: Good Condition, may be in need of minor localized repair or crack sealing - Routine Maintenance. 82 - 71: Fair Condition, pavement surface may be in need of surface sealing, full depth patch, or crack sealing - Preventive Maintenance. 70 - 56: Deficient Condition, surface in need of added strength for existing traffic. Mill and overlay - Structural Improvement. 55 - 0: Poor Condition, in need of base improvement. Reclamation or full depth reconstruction - Base Rehabilitation.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:			
	-		-
	-		-
	-		-

REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408			-	539,643	64,582	619,877	1,570,626	2,794,728
City Self Insurance Fund -								
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	539,643	64,582	619,877	1,570,626	\$ 2,794,728
#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Insurance Proceeds								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -
Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
City Funding	-	-	-	539,643	64,582	619,877	1,570,626	2,794,728
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ -	\$ 539,643	\$ 64,582	\$ 619,877	\$ 1,570,626	\$ 2,794,728

This section must be completed for all projects.
Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:			Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)			\$ -

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

PUBLIC SERVICES

Garage / Fleet





Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

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Project Title:	Fleet Replacement	Category Criteria	Cost Benefit/Savings
Responsible Department:	Public Services	Division:	Facilities
Project Manager:	Director	Project Location:	N/A
Project Identification Number:	PS-GV1138	Programmed:	Yes
Project Type / Duration:	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	2 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment	50,000	-	100,000	100,000	100,000	-	-	350,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$	50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 350,000

Project Description:

The Garage Division maintains a fleet of vehicles utilized by Departments within the City of Lake Worth. These type vehicles are replaced as needed, governed by age and/or mileage. The Garage Division plan is to replace four 1-ton or less vehicles in FY2015. The estimated price per vehicle is approximately \$25,000.

Project Need / Justification / Benefits:

As a cost saving measure, the Department did not replace vehicles in FY 2014. This measure was feasible due to the low mileage and relative young age of the fleet. IN addition, the reduction in City Staff facilitated in utilizing the newer vehicles and auctioning the older vehicles in the past 2 years.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

Revenue / Funding Schedule								
#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530	50,000	-	100,000	100,000	100,000	-	-	350,000
Total City Funding:		50,000	100,000	100,000	100,000	-	-	\$ 350,000
#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -
54A	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:		-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	-
Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	50,000	-	100,000	100,000	100,000	-	-	350,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$	50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 350,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:					
A. Revenues Generated:		B. Expenses Incurred:			Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)			
Project Title:	Utility Sewer - Vehicles	Category Criteria	New/Improvements
Responsible Department:	Utilities	Division:	Water & Local Sewer
Project Manager:	Director	Project Location:	N/A
Project Identification Number:	UT-WTXXXX	Programmed:	Yes
Project Type / Duration:	() New (X) Existing () 1-Year (X) Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment		275,000	325,000	135,000				735,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$ -	\$ 275,000	\$ 325,000	\$ 135,000	\$ -	\$ -	\$ -	\$ 735,000

Project Description:

Purchase of a Backhoe - 4x4 Earthwork Windscreen or equal to replace #261. Estimated cost = \$90,000 in FY 2016
 Purchase of a new Utility Flatbed Truck to replace #251. Estimated Cost = \$45,000 in FY 2016
 Purchase of a new Vac Truck. Estimated Cost = \$325,000 in FY 2015.

Project Need / Justification / Benefits:

The vehicles being replaced have reached the end of their useful life, and will be traded in for the new vehicles. These vehicles are vital to the operations of the sanitary sewer collection system and the water distribution system.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

Revenue / Funding Schedule

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403		275,000	325,000	135,000				735,000
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	275,000	325,000	135,000	-	-	-	\$ 735,000
#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -
Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	275,000	325,000	135,000	-	-	-	735,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ 275,000	\$ 325,000	\$ 135,000	\$ -	\$ -	\$ -	\$ 735,000

This section must be completed for all projects.

[Please list future revenues and expenses of each project per year once fully operational.](#)

Please

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:		Net Impact
A.1- Revenue #1	-	B.1- Personnel:	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)		\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Utility Water - Vehicles	Category Criteria	Improvement/Replacement
Responsible Department:	Utilities	Division:	Water Treatment
Project Manager:	Larry Johnson	Project Location:	N/A
Project Identification Number:	UT-WTXXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	1

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	PYS as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment			80,000					80,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000

Project Description:

For Water Distribution: Purchase of a new 14 Yard Dump Truck to replace #147. Estimated cost = \$80,000

Project Need / Justification / Benefits:

The vehicles being replaced have reached the end of their useful life, and will be traded in for the new vehicles. These vehicles are vital to the operations of the water distribution system.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

Revenue / Funding Schedule

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402			80,000	-	-	-	-	80,000
Local Sewer Fund - 403			-					-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	80,000	-	-	-	-	\$ 80,000

#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	80,000	-	-	-	-	80,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000

This section must be completed for all projects. Please
 list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:			
A. Revenues Generated:	B. Expenses Incurred:		Net Impact
A.1- Revenue #1	B.1- Personnel:	B.5- Utilities:	-
A.2- Revenue #2	B.2- Debt Service Costs:	B.6- Materials/Supplies:	-
A.3- Revenue #3	B.3- Contract Services:	B.7- Equipment:	-
A.4- Revenue #4	B.4- Fixed Costs:	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	Expense Totals (B.1 -to- B.8)		\$ -

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

PUBLIC SERVICES

Park of Commerce





Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Park of Commerce	Category Criteria	New/Improvements
Responsible Department:	Community Sustainability	Division:	Planning & Zoning
Project Manager:	Director	Project Location:	Park of Commerce
Project Identification Number:	CD-GV-1001	Programmed:	Yes
Project Type / Duration:	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	4 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenses		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud	Phase I	Phase I	Phase II	Phase II	Phase II	
Pre-Construction (i.e. Survey)			-	-	-	-	-	-
Design / Plans / Engineering	500,250	700,000	295,000					1,495,250
Land Acquisition	-	-	-					-
Permits	-	-	-					-
Construction	-		-					-
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Utility System Infrastructure	-	-	2,000,000	-	-		-	2,000,000
Underground Telephone & Cable			1,000,000					1,000,000
Total Expenditures	1,200,250		3,295,000	-	-	-	-	\$ 4,495,250

Project Description:
 On August 26, 2009, the City was awarded a \$250,000 grant from the U.S. Department of Commerce's Economic development Administration (EDA) to develop an infrastructure needs analysis for the Lake Worth Park of Commerce (POC). In November of 2010, the needs analysis study was completed by CDM and submitted to the City.
 The Lake Worth POC is located in central Palm Beach, adjacent to I-95 and the CSX railway. The boundaries of the POC are generally 10th Avenue North to the north; Lake Worth Road to the south; I-95 to the east; and the E-4 canal to the west.
 The completion of the study, and subsequent infrastructure improvements, are vital to the redevelopment of the 393-acre industrial park. The EDA grant and City match will assist the City in identifying necessary capacity and infrastructure improvements to allow for the build out of an estimated 650,000 square feet of light industrial and office space.
 Infrastructure improvements to include roadways, drainage, sanitary sewage, potable water, fire protection, electric supply and telecommunications. The needs analysis study outlines a three phase approach to the improvements carried out over a period of three years for the first phase, three to four years for the second phase and up to seven years for the third phase. For the purposes of capital improvement planning, the improvements for phase 1 are shown if FY 2015, Phase 2 in FY 2017 are anticipated. Phase 3 is anticipated in out years, FY 20-22. Construction estimates for Phase 1 include \$3 million additional for undergrounding of electric, phone and cable utilities along Boutwell Road.

Project Elements Cont'd	FY 2020	FY 2021	FY 2022	FY 2023	FY2019-23	Grand Total
	Phase III	Phase III	Phase III		Sub-Total	
Design / Plans / Engineering	500,000	100,000	100,000		700,000	
Land Acquisition	500,000	-	-		500,000	
Permits	150,000	25,000	25,000		200,000	
Construction	2,000,000	1,500,000	1,500,000		5,000,000	
Contingency / Miscellaneous	250,000	150,000	150,000		550,000	
Totals	3,400,000	1,775,000	1,775,000	-	6,950,000	11,445,250

Project Need / Justification / Benefits:
 The engineering infrastructure study performed by CDM, was completed by November 2010. With the completed study, the City has the necessary details and estimates to prioritize its capital improvements in the POC and schedule them sequentially over the next nine years.
 In addition to the engineering infrastructure priorities, recommendations on zoning and Comprehensive Plan changes will be made to the City to help create a more business-friendly POC and help with the development and redevelopment of the POC.
 Years FY 2013 through FY 2021 are only estimates.

Revenue / Funding Schedule								
#1) City Funding:	Estimated Expenses		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
General Fund - 001								-
Capital Improvement Fund - 301		700,000	350,000					1,050,000
Park of Commerce Fund - 304	500,250						-	500,250
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Total City Funding:	1,200,250		350,000	-	-	-	-	\$ 1,550,250
#2) Grant Funding:	Estimated Expenses		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	Bud						
Federal Grants			1,000,000		-			1,000,000
County Grants				-				-
County Grants								-
FDOT Funding/In-Kind					-			-
Total Grant Funding:		-	1,000,000	-	-	-	-	\$ 1,000,000
#3) Other Outside Funding:	Estimated Expenses		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	Bud						
Bank Loan / Debt								-
Bond Proceeds/Electric U'ground			2,000,000	-		-		2,000,000
Bond Proceeds/GO Bond			-	-	-	-	-	-
Total Other Outside Funding:		-	2,000,000	-	-	-	-	\$ 2,000,000
#4) Revenue Enhancements:	Estimated Expenses		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	Bud						
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenses		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	Bud						
City Funding	500,250	700,000	350,000	-	-	-	-	1,550,250
Grant Funding	-	-	1,000,000	-	-	-	-	1,000,000
Other Outside Funding	-	-	2,000,000	-	-	-	-	2,000,000
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	1,200,250		3,350,000	-	-	-	-	\$ 4,550,250

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:			
A. Revenues Generated:	B. Expenses Incurred:		Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-
A.3- Revenue #3	-	B.3- Contract Services:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)	\$ -

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

LEISURE SERVICES

Golf Course





Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Golf Course Shed Replacement	Category Criteria	Critical Repairs/Replace
Responsible Department:	Leisure Services	Division:	Golf Course
Project Manager:	Director	Project Location:	Golf Course
Project Identification Number:	PS-XX-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering				1,000				1,000
Land Acquisition								-
Permits				1,500				1,500
Construction				32,500				32,500
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$	-	\$	-	\$ 35,000	\$	-	\$ 35,000

Project Description:

This project is to replace the damaged roof on the maintenance shed and the 4 rest stations located throughout the golf course. The roof on each of these facilities have exceeded their life expectancy, and will cause further damage to the facilities if not replaced.

Project Need / Justification / Benefits:

This project is to replace the roofing structure of the maintenance shed which has damaged wood from the roof leaks. The project also involves the installation of new modified roofing on the building to make the building safe and stop the leaks. The project also includes replacing the modified roofing on four rest stations throughout the golf course with a standing seam metal roof that will eliminate the current leaks and improve the durability of the structure.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
General Fund - 001								-
Beach Fund - 140								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404				35,000				35,000
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
54A								-
Total City Funding:			-	35,000	-	-	-	\$ 35,000

#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:			-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:			-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:			-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
City Funding	-	-	-	35,000	-	-	-	35,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)				\$ -

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

UTILITIES

Electric - Power Generation





Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	MU1/ MU5 Overhaul & Generator Rebuild	Category Criteria	Critical Repairs
Responsible Department:	Utility Electric	Division:	Power Generation
Project Manager:	Director	Project Location:	Power Plant
Project Identification Number:	UT-EL-XXXX	Programmed:	Yes
Project Type / Duration:	(X) New () Existing (X) 1-Year () Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction				400,000				400,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$	-	\$	-	\$ 400,000	\$	-	\$ 400,000

Project Description:

This project is two phase the Cent section Overhauls consists of: Overhauling the engines and replacing the head frame gaskets, main bearings, fuel injector, and rebuild the existing power packs consistent with manufacturer's recommended specifications. The Generators will be transported to an off-site facility to be cleaned, dipped, baked, and equipped with new bearings. An inspection of these units will be conducted in FY2015; and the decision to overhaul or replace will be based on this inspection. It is believed that an overhaul will be sufficient.

Project Need / Justification / Benefits:

The Utility is compensated for each of the M-units at approximately \$43,000 annually for Capacity availability, variable O&M, and start up credits. These units are used by the utility as black start. Records indicate that the last overhaul of these units was 15 years ago.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-		-
	-		-
	-		-

REVENUE / FUNDING SCHEDULE								
#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401				400,000				400,000
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:		-	-	400,000	-	-	-	\$ 400,000
#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:		-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -
Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	400,000	-	-	-	400,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$	-	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000

<p>This section must be completed for all projects. Please list future revenues and expenses of each project <u>per year</u> once fully operational.</p>					
Net Operational Impact:					
A. Revenues Generated:		B. Expenses Incurred:			Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Power Plant Roof Coating	Category Criteria	Improvements
Responsible Department:	Utility Electric	Division:	Power Generation
Project Manager:	Director	Project Location:	117 College Street
Project Identification Number:	UT-EL-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			150,000					150,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$	-	\$ 150,000	\$	-	\$	-	\$ 150,000

Project Description:

This project consists of re-coating the roofs at the plant to maintain integrity of the buildings. The roofs were last recoated in 2004.

Project Need / Justification / Benefits:

Required building maintenance.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-		-
	-		-
	-		-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401			150,000					150,000
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
54A		-	150,000	-	-	-	-	\$ 150,000

#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	150,000	-	-	-	-	150,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$	-	\$ 150,000	\$	\$	-	\$	\$ 150,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)				\$ -

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

UTILITIES

Electric – Transmission & Distribution





Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	System Relay Upgrade	Category Criteria	Improvements
Responsible Department:	Utility Electric	Division:	Transmission & Distribution
Project Manager:	Director	Project Location:	Various
Project Identification Number:	UT-EL-1003	Programmed:	Yes
Project Type / Duration:	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment	127,167	125,000	125,000	125,000		-	-	502,167
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	252,167		\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ 502,167

Project Description:

Upgrade existing relay equipment. The existing protection schemes for the electric distribution system are antiquated (45 years old) and not adequate for reliable service.

This project will replace old relays and schemes with modern solid state devices that will enhance the system reliability.

Project Need / Justification / Benefits:

Ensures compliance with NERC regulations and improves system reliability

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401	127,167	-	-	-	-	-	-	127,167
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	127,167		-	-	-	-	-	\$ 127,167

#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Bond Proceeds		125,000	125,000	125,000				375,000
Internal Financing								-
Total Other Outside Funding:		125,000	125,000	125,000	-	-	-	\$ 375,000

#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
City Funding	127,167	-	-	-	-	-	-	127,167
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	125,000	125,000	125,000	-	-	-	375,000
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	252,167		\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ 502,167

This section must be completed for all projects.
Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:							
A. Revenues Generated:		B. Expenses Incurred:				Net Impact	
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-		
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-		
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-		
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-		
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)				-	\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	138 kV Tie Line Addition	Category Criteria	Improvements
Responsible Department:	Utility Electric	Division:	Transmission & Distribution
Project Manager:	Director	Project Location:	Various
Project Identification Number:	UT-EL1109	Programmed:	Yes
Project Type / Duration:	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/13	FY2014 Bud	2015	2016	2017	2018	2019	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction						4,000,000		4,000,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$ -	\$ 4,000,000

Project Description:

Construct a 138 kV Tie Line. The City of Lake Worth has 1 interconnection with FPL at 138kV. To increase reliability and to take advantage of energy supply from alternate providers a second 138kV tie line needs to be constructed into the Lake Worth substation.

Project Need / Justification / Benefits:

The electric system currently operates with only one tie-line. Any contingency on the FPL 138kV tie-line will result in an outage to the City of Lake Worth. Construction of a second 138kV transmission line into the Lake Worth area will provide for increased reliability and the opportunity to economically purchase or sell generation through the electric grid. A second tie-line will also allow for scheduled maintenance on the transmission system without the need for an outage.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE								
#1) City Funding:	Estimated Expenditures PYs 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:		-	-	-	-	-	-	\$ -
#2) Grant Funding:	Estimated Expenditures PYs 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	Estimated Expenditures PYs 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds						4,000,000		4,000,000
Internal Financing								-
Total Other Outside Funding:		-	-	-	-	4,000,000	-	\$ 4,000,000
#4) Revenue Enhancements:	Estimated Expenditures PYs 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -
Revenue Funding Summary:	Estimated Expenditures PYs 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	-	-	-	-	-
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	4,000,000	-	4,000,000
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:		-	-	-	-	4,000,000	-	\$ 4,000,000

**This section must be completed for all applicable projects.
Please list future revenues and expenses once project is completed and fully operational.**

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:			Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)		-	\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	15th Ave South Sub-Station	Category Criteria	Improvements
Responsible Department:	Utility Electric	Division:	Transmission & Distributi
Project Manager:	Director	Project Location:	15th Ave South
Project Identification Number:	UT-EL-XXXX	Programmed:	Yes
Project Type / Duration:	(X) New () Existing () 1-Year (X) Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate	
	9/30/13	FY2014 Bud	2015	2016	2017	2018	2019		
Pre-Construction (i.e. Survey)								-	
Design / Plans / Engineering								-	
Land Acquisition								-	
Permits								-	
Construction							780,000	780,000	
Inspection / Testing								-	
Furniture / Fixtures / Equipment			360,000				610,000	970,000	
Contingency / Miscellaneous								-	
Other / Indirect								-	
Total Expenditures	\$	-	\$ 360,000	\$	-	\$	-	\$ 1,390,000	\$ 1,750,000

Project Description:

This is Project 2E of the Electric Utility Long Range Improvement Plan.

- Build the 15th Avenue South Substation to 15 kV Standards.
- Install a 26.4 to 13.2 kV, 10/12.5 MVA transformer.
- Convert the 15th Avenue South Substation feeders to 13.2 kV and move the load to the new transformers systematically as load dictates.
- The project will be designed and constructed by in house staff. The Construction time is estimated to be 10 months.

Project Need / Justification / Benefits:

The Electric System Long Range Improvement is a comprehensive system rebuild that includes a transmission feeder rated at 138 kV, a Sub Transmission system rated at 26 kV and a distribution system rated at 13.2 kV. The plan is a 10 year effort to properly configure the system to ensure reliability.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	
	-	
	-	

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:		-	-	-	-	-	-	\$ -
#2) Grant Funding:								
	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -
#3) Other Outside Funding:								
	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Bond Proceeds			360,000				1,390,000	1,750,000
Internal Financing								-
Total Other Outside Funding:		-	360,000	-	-	-	1,390,000	\$ 1,750,000
#4) Revenue Enhancements:								
	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -
Revenue Funding Summary:								
	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
City Funding	-	-	-	-	-	-	-	-
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	360,000	-	-	-	1,390,000	1,750,000
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$	-	\$ 360,000	\$ -	\$ -	\$ -	\$ 1,390,000	\$ 1,750,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)				\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Capital Equipment for Long Range Plan	Category Criteria	Improvements
Responsible Department:	Utility Electric	Division:	Transmission & Distributi
Project Manager:	Director	Project Location:	Various
Project Identification Number:	UT-EL-XXXX	Programmed:	Yes
Project Type / Duration:	(X) New () Existing (X) 1-Year () Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment			720,000					720,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$	-	\$ 720,000	\$	-	\$	-	\$ 720,000

Project Description:
 This CIP combines the capital equipment purchase for projects 2G (12th Avenue South Substation) and 2H (7th Avenue North Substation) of the Electric Utility Long Range Improvement Plan. Transformer purchases for the projects have been moved to FY 2015 to take advantage of bulk purchase prices.

Project Need / Justification / Benefits:
 The Electric System Long Range Improvement is a comprehensive system rebuild that includes a transmission feeder rated at 138 kV, a Sub Transmission system rated at 26 kV and a distribution system rated at 13.2 kV. The plan is a 10 year effort to properly configure the system to ensure reliability.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:		-	-	-	-	-	-	\$ -

#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Bond Proceeds			720,000					720,000
Internal Financing								-
Total Other Outside Funding:		-	720,000	-	-	-	-	\$ 720,000

#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud					
City Funding	-	-	-	-	-	-	-
Grant Funding	-	-	-	-	-	-	-
Other Outside Funding	-	-	720,000	-	-	-	720,000
Revenue Enhancements	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ 720,000	\$ -	\$ -	\$ -	\$ 720,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:	B. Expenses Incurred:	Net Impact
A.1- Revenue #1	B.1- Personnel:	
A.2- Revenue #2	B.2- Debt Service Costs:	
A.3- Revenue #3	B.3- Contract Services:	
A.4- Revenue #4	B.4- Fixed Costs:	
	B.5- Utilities:	
	B.6- Materials/Supplies:	
	B.7- Equipment:	
	B.8- Miscellaneous:	
Revenue Totals (A.1 -to- A.4)	Expense Totals (B.1 -to- B.8)	\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	26.4 kV Sub Transmission Loop - North	Category Criteria	Improvements
Responsible Department:	Utility Electric	Division:	Transmission & Distributi
Project Manager:	Director	Project Location:	Various
Project Identification Number:	UT-EL-1204	Programmed:	Yes
Project Type / Duration:	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction	80,000	10,000	5,000	100,000				195,000
Inspection / Testing								-
Furniture / Fixtures / Equipment		70,000	75,000	320,000				465,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	160,000		\$ 80,000	\$ 420,000	\$ -	\$ -	\$ -	\$ 660,000

Project Description:
 This CIP is Project 3A of the Electric System Long Range Improvement Plan
 • Remove the 26 kV distribution load north of Lucerne and east of I-95 and relocate it to the 15 kV feeders from the 4th Avenue North, 11th Avenue North, and the 18th Avenue North Substations.
 • Add 15 kV switches on the distribution system between the three substations.
 • Install 26 kV breakers at the 11th Avenue North Substation
 • Reconfigure the 26 kV line to a sub transmission loop from the Main Yard Substation through the East Switch Station to the 11th Avenue North Substation, terminating at the Canal Substation.

Project Need / Justification / Benefits:
 The Electric System Long Range Improvement is a comprehensive system rebuild that includes a transmission feeder rated at 138 kV, a Sub Transmission system rated at 26 kV and a distribution system rated at 13.2 kV. The plan is a 10 year effort to properly configure the system to ensure reliability.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:		-	-	-	-	-	-	\$ -

#2) Grant Funding:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds	80,000	80,000	80,000	420,000				660,000
Internal Financing								-
Total Other Outside Funding:	160,000		80,000	420,000	-	-	-	\$ 660,000

0 -

#4) Revenue Enhancements:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures 9/30/12	FY2013 Bud	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total Project Estimate
City Funding	-	-	-	-	-	-	-	-
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	80,000	80,000	80,000	420,000	-	-	-	660,000
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	160,000		\$ 80,000	\$ 420,000	\$ -	\$ -	\$ -	\$ 660,000

This section must be completed for all projects.

Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)				\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	26.4 kV Sub Transmission Loop - South	Category Criteria	Improvements
Responsible Department:	Utility Electric	Division:	Transmission & Distributi
Project Manager:	Director	Project Location:	Various
Project Identification Number:	UT-EL-1205	Programmed:	Yes
Project Type / Duration:	(X) New () Existing () 1-Year (X) Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			80,000		80,000	80,000	520,000	760,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$	-	\$ 80,000	\$ -	\$ 80,000	\$ 80,000	\$ 520,000	\$ 760,000

Project Description:
 This is Project 3B of the Electric System Long Range Improvement Plan

- Remove the 26 kV distribution load south of Lucerne and east of I-95 and relocate it to the 15 kV feeders from the 6th Avenue South, 12th Avenue South, and 15th Avenue South Substations.
- Install 15 kV switches on the distribution system between the three substations.
- Install 26 kV breakers at the 6th Avenue South and 15th Avenue South Substations.
- Reconfigure the 26 kV line to a sub transmission loop from the Main Yard Substation through the East Switch Station to the 6th and 15th Avenue south Substations, terminating at the Main Yard Substation.

Project Need / Justification / Benefits:
 The Electric System Long Range Improvement is a comprehensive system rebuild that includes a transmission feeder rated at 138 kV, a Sub Transmission system rated at 26 kV and a distribution system rated at 13.2 kV. The plan is a 10 year effort to properly configure the system to ensure reliability.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:		-	-	-	-	-	-	\$ -

#2) Grant Funding:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds			80,000	-	80,000	80,000	520,000	760,000
Internal Financing								-
Total Other Outside Funding:		-	80,000	-	80,000	80,000	520,000	\$ 760,000

#4) Revenue Enhancements:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	-	-	-	-	-
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	80,000	-	80,000	80,000	520,000	760,000
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$	-	\$ 80,000	\$ -	\$ 80,000	\$ 80,000	\$ 520,000	\$ 760,000

This section must be completed for all projects.
Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)				\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	4th Ave North Sub-Station	Category Criteria	Improvements
Responsible Department:	Utility Electric	Division:	Transmission & Distribution
Project Manager:	Director	Project Location:	Electric Substation
Project Identification Number:	UT-EL-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	9/30/13	FY2014 Bud	2015	2016	2017	2018	2019	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			100,000	680,000				780,000
Inspection / Testing								-
Furniture / Fixtures / Equipment					970,000			970,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$	-	\$ 100,000	\$ 680,000	\$ 970,000	\$	-	\$ 1,750,000

Project Description:

This is Project 2B of the Electric System Long Range Improvement Plan

- Rebuild the distribution feeders from the 4th Avenue North Substation to 15 kV standards.
- Convert the 4th Avenue North Substation feeders to 13.2 kV and temporarily serve the load from the 11th Avenue North Substation.
- Replace the 4th Avenue North Substation transformer with a 26.4 to 13.2 kV, 10/12.5 MVA unit.

Project Need / Justification / Benefits:

The Electric System Long Range Improvement is a comprehensive system rebuild that includes a transmission feeder rated at 138 kV, a Sub Transmission system rated at 26 kV and a distribution system rated at 13.2 kV. The plan is a 10 year effort to properly configure the system to ensure reliability.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	
	-	
	-	

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:		-	-	-	-	-	-	\$ -
#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Bond Proceeds			100,000	680,000	970,000			1,750,000
Internal Financing								-
Total Other Outside Funding:		-	100,000	680,000	970,000	-	-	\$ 1,750,000
#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -
Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
City Funding	-	-	-	-	-	-	-	-
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	100,000	680,000	970,000	-	-	1,750,000
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$	-	\$ 100,000	\$ 680,000	\$ 970,000	\$ -	\$ -	\$ 1,750,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:		Net Impact	
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)		-	\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	18th Ave North Sub-Station	Category Criteria	Improvements
Responsible Department:	Utility Electric	Division:	Transmission & Distributi
Project Manager:	Director	Project Location:	Various
Project Identification Number:	UT-EL-1207	Programmed:	Yes
Project Type / Duration:	(X) New () Existing () 1-Year (X) Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			930,000					930,000
Inspection / Testing								-
Furniture / Fixtures / Equipment		360,000	460,000					820,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$	360,000	\$1,390,000	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000

Project Description:

This CIP is Project 2C of the Electric System Long Range Improvement Plan

- Rebuild the distribution feeders from the 18th Avenue North Substation to 15 kV standards.
- Convert the 18th Avenue North Substation feeders to 13.2 kV and temporarily serve the load from the 11th Avenue North Substation.
- Replace the 18th Avenue North Substation transformer with a 26.4 to 13.2 kV, 10/12.5 MVA unit.
- The project will be designed and constructed by in house staff.

Project Need / Justification / Benefits:

The Electric System Long Range Improvement is a comprehensive system rebuild that includes a transmission feeder rated at 138 kV, a Sub Transmission system rated at 26 kV and a distribution system rated at 13.2 kV. The plan is a 10 year effort to properly configure the system to ensure reliability.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:		-	-	-	-	-	-	\$ -
#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
9/30/13	FY2014 Bud							
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
9/30/13	FY2014 Bud							
Bank Loan / Debt								-
Bond Proceeds		360,000	1,390,000	-				1,750,000
Internal Financing								-
Total Other Outside Funding:		360,000	1,390,000	-	-	-	-	\$ 1,750,000
#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
9/30/13	FY2014 Bud							
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -
Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
9/30/13	FY2014 Bud							
City Funding	-	-	-	-	-	-	-	-
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	360,000	1,390,000	-	-	-	-	1,750,000
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$	360,000	\$1,390,000	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)				\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	6th Ave South Sub-Station	Category Criteria	Improvements
Responsible Department:	Utility Electric	Division:	Transmission & Distribution
Project Manager:	Director	Project Location:	Various
Project Identification Number:	UT-EL-1208	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	9/30/13	FY2014 Bud	2015	2016	2017	2018	2019	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction				190,000	50,000			240,000
Inspection / Testing								-
Furniture / Fixtures / Equipment			360,000					360,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$	-	\$ 360,000	\$ 190,000	\$ 50,000	\$ -	\$ -	\$ 600,000

Project Description:

This is Project 2D of the Electric System Long Range Improvement Plan

- Convert the 6th Avenue South Substation feeders to 13.2 kV and move the load to the new transformers systematically as load dictates.
- Remove the 4 kV devices from the 6th Avenue South Substation.
- The project will be designed and constructed by in house staff.

Project Need / Justification / Benefits:

The Electric System Long Range Improvement is a comprehensive system rebuild that includes a transmission feeder rated at 138 kV, a Sub Transmission system rated at 26 kV and a distribution system rated at 13.2 kV. The plan is a 10 year effort to properly configure the system to ensure reliability.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:		-	-	-	-	-	-	\$ -

#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Bond Proceeds			360,000	190,000	50,000			600,000
Internal Financing								-
Total Other Outside Funding:		-	360,000	190,000	50,000	-	-	\$ 600,000

#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
City Funding	-	-	-	-	-	-	-	-
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	360,000	190,000	50,000	-	-	600,000
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$	-	\$ 360,000	\$ 190,000	\$ 50,000	\$	-	\$ 600,000

This section must be completed for all projects.
Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:							
A. Revenues Generated:		B. Expenses Incurred:				Net Impact	
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-		
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-		
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-		
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-		
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)				-	\$ -

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

UTILITIES

Water Distribution





Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

Project Title:	2 Inch Watermain Replacement	Category Criteria	Improvement/Replacement
Responsible Department:	Utility Water & Sewer	Division:	Water Distribution
Project Manager:	Director	Project Location:	Alleys, Easements, Roads
Project Identification Number:	UT-WT-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering				-	-	-	-	-
Land Acquisition								-
Permits								-
Construction			500,000	2,700,000	2,700,000	2,700,000	2,700,000	11,300,000
Inspection / Testing				-	-	-	-	-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous				-	-	-	-	-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ 500,000	\$ 2,700,000	\$ 2,700,000	\$ 2,700,000	\$ 2,700,000	\$ 11,300,000

Project Description:
 This project will be contracted out to replace all of the identified 2-inch galvanized water mains primarily located in the easements and alleys behind the homes, in addition to some areas where the 2 inch galvanized steel water mains are in the roadway. The project will be carried out in five years, and will replace the corroded steel lines with 4 inch PVC water mains. The mains located in alleys and roadways will be replaced there, while the mains located in easements will be relocated to the roadway in front of the properties. Final Year construction cost will be \$2,700,000: in FY 2020 for a total project cost of \$14,000,000.

Project Need / Justification / Benefits:
 The 2013 water distribution study recommended abandoning all 2-inch water mains in the alleys, easements and roadways, and install new 4-inch PVC water mains, improving the water quality and pressure to the properties, as well as reducing the occurrence of watermain breaks, which will decrease the frequency of boil water notices, and reduce maintenance costs.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

Revenue / Funding Schedule

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402	-	-	500,000	-	-	-	-	500,000
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	500,000	-	-	-	-	\$ 500,000

#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt				2,700,000	2,700,000	2,700,000	2,700,000	10,800,000
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:	-	-	-	2,700,000	2,700,000	2,700,000	2,700,000	\$ 10,800,000

#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	500,000	-	-	-	-	500,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	2,700,000	2,700,000	2,700,000	2,700,000	10,800,000
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ 500,000	\$ 2,700,000	\$ 2,700,000	\$ 2,700,000	\$ 2,700,000	\$ 11,300,000

This section must be completed for all projects. Please list
 future revenues and expenses of each project per year once fully operational.

Net Operational Impact:			
A. Revenues Generated:	B. Expenses Incurred:		Net Impact
A.1- Revenue #1	-	B.1- Personnel: -	B.5- Utilities: -
A.2- Revenue #2	-	B.2- Debt Service Costs: -	B.6- Materials/Supplies: -
A.3- Revenue #3	-	B.3- Contract Services: -	B.7- Equipment: -
A.4- Revenue #4	-	B.4- Fixed Costs: -	B.8- Miscellaneous: -
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)	
			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

Project Title:	Water Main Lake & Lucerne, G J K L M St	Category Criteria	Improvement/Replacement
Responsible Department:	Utility Water & Sewer	Division:	Water Distribution
Project Manager:	Director	Project Location:	Water Main Lake & Lucerne, G J K L M St
Project Identification Number:	UT-WTXXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering				80,000	-	-	-	80,000
Land Acquisition								-
Permits								-
Construction				-	800,000	-	-	800,000
Inspection / Testing				-	-	-	-	-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous				-	-	-	-	-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ -	\$ 80,000	\$ 800,000	\$ -	\$ -	\$ 880,000

Project Description:

This project has been identified by water distribution staff to replace several problem areas in the downtown corridor where there have been frequent watermain breaks. The lines are undersized, lack Palm Beach County Health Department required minimum separation from other utilities, as well as ground depth. The new lines will be PVC, and will be sized in accordance with fireflow requirements.

Project Need / Justification / Benefits:

This project will reduce the watermain breaks for the downtown area, thereby reducing the frequency of boil water notices, improving water service pressure and quality, and reducing maintenance costs, as well as bringing the system into compliance with Health Department requirements.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

Revenue / Funding Schedule

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402	-	-	-	80,000	800,000	-	-	880,000
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	80,000	800,000	-	-	\$ 880,000
#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -
Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	80,000	800,000	-	-	880,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ -	\$ 80,000	\$ 800,000	\$ -	\$ -	\$ 880,000

This section must be completed for all projects. Please
 list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:			
A. Revenues Generated:	B. Expenses Incurred:		Net Impact
A.1- Revenue #1	-	B.1- Personnel: -	B.5- Utilities: -
A.2- Revenue #2	-	B.2- Debt Service Costs: -	B.6- Materials/Supplies: -
A.3- Revenue #3	-	B.3- Contract Services: -	B.7- Equipment: -
A.4- Revenue #4	-	B.4- Fixed Costs: -	B.8- Miscellaneous: -
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)	
			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

Project Title:	Water Main Replace Lake & Lucerne & FEC	Category Criteria	Improvement/Replacement
Responsible Department:	Utility Water & Sewer	Division:	Water Distribution
Project Manager:	Director	Project Location:	Lake & Lucerne & FEC
Project Identification Number:	UT-WTXXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering				-	-	-	-	-
Land Acquisition								-
Permits								-
Construction				-	150,000	-	-	150,000
Inspection / Testing				-	-	-	-	-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous				-	-	-	-	-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000

Project Description:
 This project will connect two 12inch mains that serve as a water distribution system backbone in the downtown area.

Project Need / Justification / Benefits:
 The project will remove two dead ends to the system, and improve water circulation, pressure, and help maintain chlorine residuals in this area.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:			
	-		-
	-		-
	-		-

Revenue / Funding Schedule

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402	-	-	-	-	150,000	-	-	150,000
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	-	150,000	-	-	\$ 150,000

#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	-	150,000	-	-	150,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000

This section must be completed for all projects. Please
 list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:			
A. Revenues Generated:	B. Expenses Incurred:		Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-
A.3- Revenue #3	-	B.3- Contract Services:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)	\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

Project Title:	Water Main Instal O St & S Palmway	Category Criteria	Improvement/Replacement
Responsible Department:	Utility Water & Sewer	Division:	Water Distribution
Project Manager:	Director	Project Location:	O St & S Palmway
Project Identification Number:	UT-WTXXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	4 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering				62,000	-	-	-	62,000
Land Acquisition								-
Permits								-
Construction				-	410,000	-	-	410,000
Inspection / Testing				-	-	-	-	-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous				-	-	-	-	-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ -	\$ 62,000	\$ 410,000	\$ -	\$ -	\$ 472,000

Project Description:
 This project will be contracted out to replace the 2-inch galvanized water mains in the easements behind the homes along Crestwood Blvd and 14th & 15th Avenue North from the FEC Railway Right of Way to D Street with a new 8-inch main. The installation also includes an interconnection loop on F Street. The approximate total length to be around 1800 feet. This project will also include installation of fire hydrants providing critical life-safety improvements. This project will be managed and funded as a joint project with the Public Works Department Streets Division. Public Works will be responsible for the roadway infrastructure restoration and improvements.

Project Need / Justification / Benefits:
 The City has been in the process of replacing old galvanized water mains with new facilities sized to meet updated system standards and requirements that improve the flow and pressure conditions of the system. The 2013 water distribution study recommended abandoning all 2-inch and 4-inch water mains in the alleys between 13th Avenue N and 19th Avenue N between North D Street and the FEC Railroad and install new 6-inch PVC water mains in the streets. This area has very poor service and lacks adequate fire protection. To meet current fire protection IS-9000 recommendations we are upgrading to 8-inch mains, which is a minimal cost difference from the originally proposed 6-inch mains. This area was listed as a priority 1 project on the list of City-planned system improvements and will upgrade services to 60 properties in the Sunset Ridge area of Lake Worth. Installation of this new main will improve potable water pressures and flow to these homes and provide improved fire fighting capabilities for this block.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

Project Title: (Cont'd from page 1) Water Main Instal O St & S Palmway

Revenue / Funding Schedule								
#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402	-	-	-	62,000	410,000	-	-	472,000
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	62,000	410,000	-	-	\$ 472,000
#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -
Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	62,000	410,000	-	-	472,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ -	\$ 62,000	\$ 410,000	\$ -	\$ -	\$ 472,000

This section must be completed for all projects. Please
 list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:			
A. Revenues Generated:	B. Expenses Incurred:		Net Impact
A.1- Revenue #1	-	B.1- Personnel: -	B.5- Utilities: -
A.2- Revenue #2	-	B.2- Debt Service Costs: -	B.6- Materials/Supplies: -
A.3- Revenue #3	-	B.3- Contract Services: -	B.7- Equipment: -
A.4- Revenue #4	-	B.4- Fixed Costs: -	B.8- Miscellaneous: -
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)	
			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

Project Title:	Water Main Replace Yr 6 Masterplan Projects	Category Criteria	Improvement/Replacement
Responsible Department:	Utility Water & Sewer	Division:	Water Distribution
Project Manager:	Director	Project Location:	Various
Project Identification Number:	UT-WTXXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering				-	-	-	587,071	587,071
Land Acquisition								-
Permits								-
Construction				-	-	-	-	-
Inspection / Testing				-	-	-	-	-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous				-	-	-	-	-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 587,071	\$ 587,071

Project Description:								
Hillcrest Dr							44,750	
S K, L, M, st & 1 st Ave S							73,000	
15 th Ave S & S G St							121,350	
11 th Ave S & S G St							62,000	
Vassar & Byrn Mawr							107,921	
Duke, Lakeside Dr, Wellesley Dr							104,050	
13th Ave N & 11th Ave N							37,000	
N H St - 2 nd to 5 th							37,000	
							587,071	

Project Need / Justification / Benefits:

These projects, which place values on a vital part of the City's infrastructure, have been coordinated with the City's Public Services Department and their Roadway reconstruction/maintenance schedule. The Departments were able to establish a construction sequence by meshing the recently completed Utilities fire protection plan and proposed sewer rehabilitation project schedule with the recently completed Public Services Stormwater Masterplan and Roadway & Sidewalk Masterplan. Watermain installations identified in the plan were prioritized based on the number of properties affected based on the following criteria: properties without sufficient fire hydrant coverage (properties at a distance greater than 300 ft from a fire hydrant); properties without sufficient fire protection, where minimum fireflow pressure did not meet the Palm Beach County Fire Rescue requirements. Deteriorated vitrified clay or concrete sewer mains will be replaced or rehabilitated, reducing inflow and infiltration and preventing adverse environmental impacts, as well as reducing maintenance costs for the area.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

Revenue / Funding Schedule

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402	-	-	-	-	-	-	435,000	435,000
Local Sewer Fund - 403							152,071	152,071
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	-	-	-	587,071	\$ 587,071

#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	-	-	-	587,071	587,071
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 587,071	\$ 587,071

This section must be completed for all projects. Please list
 future revenues and expenses of each project per year once fully operational.

Net Operational Impact:			
A. Revenues Generated:	B. Expenses Incurred:	Net Impact	
A.1- Revenue #1	B.1- Personnel:	B.5- Utilities:	-
A.2- Revenue #2	B.2- Debt Service Costs:	B.6- Materials/Supplies:	-
A.3- Revenue #3	B.3- Contract Services:	B.7- Equipment:	-
A.4- Revenue #4	B.4- Fixed Costs:	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	Expense Totals (B.1 -to- B.8)		\$ -

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

UTILITIES

Water Treatment





Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Well # F4 New Construction	Category Criteria	New /Improvements
Responsible Department:	Utility Water & Sewer	Division:	Water Treatment
Project Manager:	Director	Project Location:	L. Worth Rd & Louis Dr.
Project Identification Number:	UT-WT-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYS as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering							80,000	80,000
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000

Project Description:
 The design, drilling, permitting and construction of a new Floridan Aquifer production well, to include testing and well head equipment, and a new raw watermain to be designated Well-F-4. The new production well will be located at the Southeast Corner of Lake Worth Rd and Louis Dr.
 This well is currently included in the City's Consumptive Use Permit from South Florida Water Management District (SFWMD).
 The well construction will be a 16-inch well installed to an overall well depth to approximately 1,500-feet inside a 20-inch diameter casing installed to approximately 1,220-feet. This project also includes the design, permitting and construction of the raw watermain to serve the Well F-4, along with the wellhead equipment. FY 2019 is for Design Costs, and full construction costs will be provided in FY 2020.

Project Need / Justification / Benefits:
 The existing Floridan Aquifer Wellfield contains three wells that each produce the water for one train in the Reverse Osmosis Water Treatment Plant. Currently, the plant runs on two trains per day. However, the bulk water purchase agreement with Palm Beach County is scheduled to terminate in June, 2013, at which time the production demand will increase and the RO plant will need to operate three trains daily. Well F-4 will be needed as an alternate production well in order to facilitate operations and maintenance. In addition, the capacity of the existing wells will reduce with age. Lake Worth's wells experience on average a 3-percent decrease in production each year. A variety of events cause well capacity to reduce with age, including calcium deposits forming on the gravel pack and screen, and changes in elevation of the localized aquifer.
 If replacement wells are not constructed there may become a lack of sufficient raw water withdrawal capability to support required demand. In addition, the lack of a sufficient number of wells prohibits well rotation and resting which will shorten the life of the remaining wells.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001		-						-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402		-	-	-	-	-	80,000	80,000
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	-	-	-	80,000	\$ 80,000

#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	-	-	-	80,000	80,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:			Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)		-	\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Well #16, 17, 18 Raw WM Construction	Category Criteria	New / Improvements
Responsible Department:	Utility Water & Sewer	Division:	Water Treatment
Project Manager:	Director	Project Location:	1900 2nd Ave N to WTP
Project Identification Number:	UT-WT-1303	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)		10,000						10,000
Design / Plans / Engineering	69,500							69,500
Land Acquisition								-
Permits								-
Construction		1,085,205		102,000	102,000			1,289,205
Inspection / Testing		80,000		12,000	12,000			104,000
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous		48,000		6,000	6,000			60,000
Other / Indirect								-
Total Expenditures	\$ 69,500	\$ 1,223,205	\$ -	\$ 120,000	\$ 120,000	\$ -	\$ -	\$ 1,532,705

Project Description:
 The construction of a new 16-inch Raw Watermain to serve the proposed new potable wells: #16, #17, #18. The Raw Watermain will start at the existing 20-inch Raw Watermain located along Lake Osborne Drive and Follow Lake Osborne Drive to the north and west, then north to 2nd Ave N and west to the Utilities Complex at 1900 2nd Ave N. The route is still preliminary. The new wells are currently included in the City's Consumptive Use Permit from South Florida Water Management District (SFWMD).

Project Need / Justification / Benefits:
 The existing Surficial Wellfield contains several wells that have reduced capacity due to age and/or are east of I-95 which have been curtailed in usage by the SFWMD.
 A variety of events cause well capacity to reduce with age, including calcium deposits forming on the gravel pack and screen, and changes in elevation of the localized aquifer.
 Lake Worth's wells experience on average a 3-percent decrease in production each year.
 While individual well production can be partially restored, over time the well production will decline, and some of the existing wells are over 50-years old and beyond their anticipated lifespan.
 If replacement wells are not constructed there may become a lack of sufficient raw water withdrawal capability to support required demand. In addition, the lack of a sufficient number of wells prohibits well rotation and resting which will shorten the life of the remaining wells.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE								
#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402	69,500	1,223,205	-	120,000	120,000	-		1,532,705
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	69,500	1,223,205	-	120,000	120,000	-	-	\$ 1,532,705
#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -
Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	69,500	1,223,205	-	120,000	120,000	-	-	1,532,705
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ 69,500	\$ 1,223,205	\$ -	\$ 120,000	\$ 120,000	\$ -	\$ -	\$ 1,532,705

This section must be completed for all projects.
Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:					
A. Revenues Generated:		B. Expenses Incurred:			Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

Project Title:	Well # 12 Reconstruction	Category Criteria	New / Improvements
Responsible Department:	Utility Water & Sewer	Division:	Water Treatment
Project Manager:	Director	Project Location:	N/A
Project Identification Number:	UT-WTXXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering		20,000						20,000
Land Acquisition								-
Permits								-
Construction			380,000					380,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$ -	\$ 20,000	\$ 380,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000

Project Description:
 This project is to reconstruct surficial aquifer well no. 12 located west of I-95 and the CSX Railroad Right-of-Way on City property along Lake Osborne Drive. This well is 12 inches in diameter drilled to 258 ft deep, and cased to a depth of 193 ft.

One goal in the reconstruction of well no. 12 is to drill the well deeper to look for better water quality and greater water quantity such as that which was found for well no. 9 located approximately one-half mile south.

In addition, as part of this project the City will install a monitoring well as part of the requirements SFWMD placed on redrilling this well.

Project Need / Justification / Benefits:
 The City needs to reconstruct Surficial Aquifer wells west of I-95 which replace/supplement wells east of I-95 that have been curtailed in usage by the SFWMD, and as recommended in the "Surficial Aquifer Wellfield Needs Evaluation" report and consistent with the recommendation of SFWMD. Also, this well has 30 hours of back-up generation available.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

Revenue / Funding Schedule								
#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001		-						-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402		20,000	380,000	-				400,000
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	20,000	380,000	-	-	-	-	\$ 380,000
#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -
Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	20,000	380,000	-	-	-	-	380,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ 20,000	\$ 380,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000

This section must be completed for all projects. Please
 list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:			
A. Revenues Generated:	B. Expenses Incurred:		Net Impact
A.1- Revenue #1	-	B.1- Personnel: -	B.5- Utilities: -
A.2- Revenue #2	-	B.2- Debt Service Costs: -	B.6- Materials/Supplies: -
A.3- Revenue #3	-	B.3- Contract Services: -	B.7- Equipment: -
A.4- Revenue #4	-	B.4- Fixed Costs: -	B.8- Miscellaneous: -
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)	
			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Well # 17 New Construction	Category Criteria	New / Improvements
Responsible Department:	Utility Water & Sewer	Division:	Water Treatment
Project Manager:	Director	Project Location:	1900 2nd Ave N
Project Identification Number:	XX-XX-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering			60,000					60,000
Land Acquisition								-
Permits								-
Construction				565,000				565,000
Inspection / Testing				70,000				70,000
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous				27,000				27,000
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ 60,000	\$ 662,000	\$ -	\$ -	\$ -	722,000

Project Description:
 The drilling and construction of a new Surficial Aquifer production well, to include testing and well head equipment, to be designated Well-17. The new production well to be located west of I-95 at the 1900 2nd Ave N Utilities Complex. This well is currently included in the City's Consumptive Use Permit from South Florida Water Management District (SFWMD). The well construction will be a 16-inch well installed to an overall well depth to approximately 280-feet inside a 20-inch diameter casing installed to approximately 200-feet.

Project Need / Justification / Benefits:
 The existing Surficial Wellfield contains several wells that have reduced capacity due to age and/or are east of I-95 which have been curtailed in usage by the SFWMD. A variety of events cause well capacity to reduce with age, including calcium deposits forming on the gravel pack and screen, and changes in elevation of the localized aquifer. Lake Worth's wells experience on average a 3-percent decrease in production each year. While individual well production can be partially restored, over time the well production will decline, and some of the existing wells are over 50-years old and beyond their anticipated lifespan. If replacement wells are not constructed there may become a lack of sufficient raw water withdrawal capability to support required demand. In addition, the lack of a sufficient number of wells prohibits well rotation and resting which will shorten the life of the remaining wells.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001		-						-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402		-	60,000	662,000				722,000
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	60,000	662,000	-	-	-	\$ 722,000

#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	60,000	662,000	-	-	-	722,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ 60,000	\$ 662,000	\$ -	\$ -	\$ -	\$ 722,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)				\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Well # 18 New Construction	Category Criteria	New / Improvements
Responsible Department:	Utility Water & Sewer	Division:	Water Treatment
Project Manager:	Director	Project Location:	1900 2nd Ave N
Project Identification Number:	UT-WT-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering				58,900				58,900
Land Acquisition								-
Permits								-
Construction					565,000			565,000
Inspection / Testing					70,000			70,000
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous					27,000			27,000
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ -	\$ 58,900	\$ 662,000	\$ -	\$ -	\$ 720,900

Project Description:
 The drilling and construction of a new Surficial Aquifer production well, to include testing and well head equipment, to be designated Well-18. The new production well to be located west of I-95 at the 1900 2nd Ave N Utilities Complex. This well is currently included in the City's Consumptive Use Permit from South Florida Water Management District (SFWMD). The well construction will be a 16-inch well installed to an overall well depth to approximately 280-feet inside a 20-inch diameter casing installed to approximately 200-feet.

Project Need / Justification / Benefits:
 The existing Surficial Wellfield contains several wells that have reduced capacity due to age and/or are east of I-95 which have been curtailed in usage by the SFWMD. A variety of events cause well capacity to reduce with age, including calcium deposits forming on the gravel pack and screen, and changes in elevation of the localized aquifer. Lake Worth's wells experience on average a 3-percent decrease in production each year. While individual well production can be partially restored, over time the well production will decline, and some of the existing wells are over 50-years old and beyond their anticipated lifespan. If replacement wells are not constructed there may become a lack of sufficient raw water withdrawal capability to support required demand. In addition, the lack of a sufficient number of wells prohibits well rotation and resting which will shorten the life of the remaining wells.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	
	-	
	-	

REVENUE / FUNDING SCHEDULE

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402		-	-	58,900	662,000			720,900
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	58,900	662,000	-	-	\$ 720,900

#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	58,900	662,000	-	-	720,900
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ -	\$ 58,900	\$ 662,000	\$ -	\$ -	\$ 720,900

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:			Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)		-	\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Ground Storage Tank Repairs	Category Criteria	New / Improvements
Responsible Department:	Utility Water & Sewer	Division:	Water Treatment
Project Manager:	Director	Project Location:	301 College Street
Project Identification Number:	UT-WTXXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction						80,000		80,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ 80,000

Project Description:

Structural repair of the local ground storage tank. These repairs would consist of lining the existing 1.5 million gallon ground storage tank located at the Water Treatment Plant.

Project Need / Justification / Benefits:

The local ground storage tank is a vital component of the operation of the Water Treatment Plant, and enables the system to meet peak demands. The above ground storage tank lining shall meet all of the requirements of NSF, ANSI 61 and DEP, and shall restore the structural integrity, while extending the longevity of the tank.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

Revenue / Funding Schedule								
#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001		-						-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402	-		-	-	-	80,000	-	80,000
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	-	-	80,000	-	\$ 80,000
#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -
Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	-	-	80,000	-	80,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ 80,000

This section must be completed for all projects. Please
 list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:			
A. Revenues Generated:	B. Expenses Incurred:		Net Impact
A.1- Revenue #1	-	B.1- Personnel: -	B.5- Utilities: -
A.2- Revenue #2	-	B.2- Debt Service Costs: -	B.6- Materials/Supplies: -
A.3- Revenue #3	-	B.3- Contract Services: -	B.7- Equipment: -
A.4- Revenue #4	-	B.4- Fixed Costs: -	B.8- Miscellaneous: -
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)	
			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

Project Title:	HS Pumps # 3, 4, 5 Replacement	Category Criteria	New / Improvements
Responsible Department:	Utility Water & Sewer	Division:	Water Treatment
Project Manager:	Director	Project Location:	N/A
Project Identification Number:	UT-WTXXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering				40,000	400,000			440,000
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ -	\$ 40,000	\$ 400,000	\$ -	\$ -	\$ 440,000

Project Description:
 This project is to replace the Lake Worth Water Treatment Plant High Service Pumps numbers 3, 4 and 5. These pumps transmit the product water from the Water Plant through the distribution system and to the customers. The new pumps will also be installed with Variable Frequency Drives, and the installation will include all associated electrical and instrumentation improvements.

Project Need / Justification / Benefits:
 The existing high service pumps were installed in 1958 and are nearing the end of their useful life. The internal pump casings have severely eroded. The new pumps on VFD's would greatly increase the efficiency of the system.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

Revenue / Funding Schedule								
#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001		-						-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402			-	40,000	400,000	-	-	440,000
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	40,000	400,000	-	-	\$ 440,000
#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -
Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	40,000	400,000	-	-	440,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ -	\$ 40,000	\$ 400,000	\$ -	\$ -	\$ 440,000

This section must be completed for all projects. Please
 list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:			
A. Revenues Generated:	B. Expenses Incurred:		Net Impact
A.1- Revenue #1	-	B.1- Personnel: -	B.5- Utilities: -
A.2- Revenue #2	-	B.2- Debt Service Costs: -	B.6- Materials/Supplies: -
A.3- Revenue #3	-	B.3- Contract Services: -	B.7- Equipment: -
A.4- Revenue #4	-	B.4- Fixed Costs: -	B.8- Miscellaneous: -
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)	
			\$ -

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

UTILITIES

Local Sewer – Collection & Pumping





Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	15th Ave S & Fordham Sewer Line	Category Criteria	Improvements
Responsible Department:	Utility Water & Sewer	Division:	Local Sewer
Project Manager:	Director	Project Location:	15th Ave S & Fordham
Project Identification Number:	UT-XX-XXXX	Programmed:	Yes
Project Type / Duration:	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYS as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction		580,000	60,000					640,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$ -	\$ 580,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 640,000

Project Description:
 This work will involve slip lining a badly deteriorated 10-inch vitrified clay trunk sewer line along Fordham Drive from Dixie Highway to Federal Highway, and a 24-inch vitrified clay trunk sewer line on 15th Avenue South from West of the FEC Railroad to Lakeside Dr, that has been plagued with leaky joints and pavement settlement.

Project Need / Justification / Benefits:
 For the 15th Avenue South sewer line and the Fordham Drive sewer line, the primary rehabilitation method under consideration is a cured-in-place liner, which is essentially a new pipe, restoring normal wastewater flow and correcting infiltration problems in this section of pipeline. The total length of the rehabilitation shall be approximately 2,660 ft. This will result decreased operating costs associated with pumping and treatment of this water. It will also restore the structural integrity of the pipeline.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE								
#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403	-	580,000	60,000	-	-	-	-	640,000
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	580,000	60,000	-	-	-	-	\$ 640,000

#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	580,000	60,000	-	-	-	-	640,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ 580,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 640,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:								
A. Revenues Generated:		B. Expenses Incurred:						Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-			
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-			
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-			
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-			
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)						\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Global Manhole Rehab Lining	Category Criteria	Improvements
Responsible Department:	Utility Water & Sewer	Division:	Local Sewer
Project Manager:	Director	Project Location:	Various
Project Identification Number:	UT-LS-XXXX	Programmed:	Yes
Project Type / Duration:	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction	87,040	-	250,000	100,000	100,000	100,000	100,000	737,040
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	87,040		\$ 250,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$737,040

Project Description:

The annual rehabilitation of the interior of the sanitary sewer manholes is through the application of gunite shotcrete to prolong the lifespan of the manhole. Project will not start by 9/30/2014, to roll over to FY 2015.

Project Need / Justification / Benefits:

Manholes are designed as an access point for wastewater mains and can also be a source of infiltration and inflow (I & I). Surface water can enter through manhole covers that are subject to ponding/flooding or in sag conditions. Rehabilitation of sanitary sewer manholes to like-new condition will reduce infiltration, restore structural integrity, and decrease treatment expense by decreasing flow sent to the treatment plant.

The extra volume of water that should be flowing into the storm sewer system rather than the sanitary sewer system can overload the sewage collection system pipes causing backups or spills of raw sewage.

By implementing a proper I & I program the City can both decrease operating expenses associated with sanitary sewer pumping and provide extra capacity within the City's existing system without expansion.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403	87,040	-	250,000	100,000	100,000	100,000	100,000	737,040
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
54A		87,040	250,000	100,000	100,000	100,000	100,000	\$737,040
#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$0
#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:		-	-	-	-	-	-	\$0
#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$0

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	87,040	-	250,000	100,000	100,000	100,000	100,000	737,040
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$87,040		\$ 250,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$737,040

This section must be completed for all projects.

Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)				\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Replace Lift Station #4	Category Criteria	Improvements
Responsible Department:	Utility Water & Sewer	Division:	Local Sewer
Project Manager:	Director	Project Location:	1132 Golf Course Rd
Project Identification Number:	UT-LS-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering			40,000					40,000
Land Acquisition								-
Permits								-
Construction				400,000				400,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ 40,000	\$ 400,000	\$ -	\$ -	\$ -	440,000

Project Description:
 Lift Station #4 was constructed in 1967 and is one of the last remaining Dry Pit - Wet Well type station in Lake Worth. This project will include replacing the station by constructing a new wet well and valve vault for a new duplex submersible station. This will include new submersible pumps with rail removal system, piping, valves, electrical equipment, instrumentation, controls, site work, and a gravity sewer line. The site design will consider effects of sea level rise and storm surge.

Project Need / Justification / Benefits:
 The station has been on the City's list for reconstruction for several years. The confined space is hazardous for City maintenance staff. The station experiences heavy flow and is a critical component of the daily sewer pumping operations.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403	-	-	40,000	400,000	-	-	-	440,000
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	40,000	400,000	-	-	-	\$ 440,000

#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	40,000	400,000	-	-	-	440,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ 40,000	\$ 400,000	\$ -	\$ -	\$ -	\$ 440,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:			Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)		-	\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Collector Main rehabilitation	Category Criteria	Improvement/Replacement
Responsible Department:	Utility Water & Sewer	Division:	Local Sewer
Project Manager:	Director	Project Location:	Various
Project Identification Number:	UT-LSXXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			200,000	200,000	200,000	200,000	200,000	1,000,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000

Project Description:
 This project to be a part of a multi-year continuing contract with other collector line repair/lining projects.

 *The lining or replacement of identified collector mains in need of replacement located in the alleys in various locations throughout the city.

Project Need / Justification / Benefits:
 All sanitary sewer systems are designed to accommodate a maximum amount of flow. However, when inflow (rainwater) and infiltration (groundwater) exceed these design allowances, sewer capacity is utilized by rain or groundwater contributions that should not be entering the sanitary sewer system.
 When this occurs, there are three main effects: (1) the City is running pump stations more than they need to be operated, (2) the City is paying for treatment of wastewater that does not need to be treated, and (3) there is an increased possibility of wastewater overflowing manholes or causing backups causing a health and safety hazard.
 Excess infiltration and inflow (I & I) takes up sewer capacity needed for existing customers and future growth.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

Revenue / Funding Schedule

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403			200,000	200,000	200,000	200,000	200,000	1,000,000
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	200,000	200,000	200,000	200,000	200,000	\$ 1,000,000
#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -
Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	200,000	200,000	200,000	200,000	200,000	1,000,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ 200,000	\$ 1,000,000				

This section must be completed for all projects.

Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:		Net Impact	
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)		-	\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

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Project Title:	Sewer Rehab - 3rd Ave North	Category Criteria	Improvements
Responsible Department:	Utility Water & Sewer	Division:	Local Sewer
Project Manager:	Director	Project Location:	3rd Ave N
Project Identification Number:	UT-LS-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)				10,000				10,000
Design / Plans / Engineering				40,000				40,000
Land Acquisition								-
Permits								-
Construction					595,000			595,000
Inspection / Testing					70,000			70,000
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous					35,000			35,000
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ -	\$ 50,000	\$ 700,000	\$ -	\$ -	\$ 750,000

Project Description:
 This work will involve slip lining a badly deteriorated 10-inch to 15-inch vitrified clay trunk sewer line along 3rd Avenue North that has been plagued with leaky joints and pavement settlement.
 Due to the size of the pipe and the location in the middle of the street, the primary rehabilitation method under consideration is a cured-in-place liner, which is essentially a new pipe, restoring normal wastewater flow and correcting infiltration problems in this section of pipeline. The total length of the rehabilitation shall be approximately 5,220 ft.
 This will result decreased operating costs associated with pumping and treatment of this water. It will also restore the structural integrity of the pipeline.

Project Need / Justification / Benefits:
 The 3rd Avenue North sanitary sewer between N A St and Lakeside Drive is in a substantially deteriorated condition. This has resulted in subsidence of the street surface in several locations.
 The proposed pipe repair is to slipline this section of sewer and repair the pavement as needed.
 Excess infiltration and inflow (I & I) takes up sewer capacity needed for existing customers and future growth.
 This extra volume of water can also possibly overload the sewage collection system pipes causing backups or spills of raw sewage.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403			-	50,000	700,000			750,000
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	50,000	700,000	-	-	\$ 750,000

#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	50,000	700,000	-	-	750,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ -	\$ 50,000	\$ 700,000	\$ -	\$ -	\$ 750,000

This section must be completed for all projects.
Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:			Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)		-	\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

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Project Title:	Replace Lift Station # 12	Category Criteria	Improvements
Responsible Department:	Utility Water & Sewer	Division:	Local Sewer
Project Manager:	Director	Project Location:	2730 6th Ave S
Project Identification Number:	UT-LS-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	4 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering						40,000		40,000
Land Acquisition								-
Permits								-
Construction							400,000	400,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 400,000	\$ 440,000

Project Description:

Lift Station #12 was constructed in 1963 and is one of the last remaining Dry Pit - Wet Well type station in Lake Worth. This project will include replacing the station by constructing a new wet well and valve vault for a new duplex submersible station. This will include new submersible pumps with rail removal system, piping, vlavles, electrical equipment, instrumentation, controls, site work, and a gravity sewer line.

Project Need / Justification / Benefits:

The station has been on the City's list for reconstruction for several years. The confined space is hazardous for City maintenance staff. The station experiences heavy flow and is a critical component of the daily sewer pumping operations.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE								
#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403	-	-	-	-	-	40,000	400,000	440,000
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	-	-	40,000	400,000	\$ 440,000

#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	-	-	40,000	400,000	440,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 400,000	\$ 440,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:								
A. Revenues Generated:		B. Expenses Incurred:						Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-			
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-			
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-			
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-			
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)						\$ -

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

UTILITIES

Regional Sewer





Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Master Pump Station Control Improvements3	Category Criteria	Improvement/Replacement
Responsible Department:	Utility Water & Sewer	Division:	Regional Sewer
Project Manager:	Director	Project Location:	Various
Project Identification Number:	UT-RS-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			250,000					250,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000

Project Description:

One of the three Variable Frequency Drives (VFD #103) that operate three of the four pumps at the Master Pump Station was replaced in FY 2013 after it was damaged by electrical surge. The parts for the original VFD's are no longer available. This project will replace the remaining two Variable Frequency Drives, #101 and 102, which have been identified as vulnerable equipment items. A control wiring upgrade project will be included for the Master Pump Station as well.

Project Need / Justification / Benefits:

Replacing VFD 101 and 102 will eliminate a weak point in the reliability of the Master Pump Station, extending the useful life of the units and enabling the pumps to run more efficiently.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE

#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405	-	-	250,000	-	-	-	-	250,000
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	250,000	-	-	-	-	\$ 250,000

#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -

Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	250,000	-	-	-	-	250,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)				



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	6th Ave S Interceptor Rehabilitation	Category Criteria	Improvements
Responsible Department:	Utility Water & Sewer	Division:	Regional Sewer
Project Manager:	Director	Project Location:	6th Ave S
Project Identification Number:	UT-LS-XXXX	Programmed:	Yes
Project Type / Duration:	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering						50,000		50,000
Land Acquisition								-
Permits								-
Construction							500,000	500,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 500,000	\$ 550,000

Project Description:
 This work will involve slip lining a badly deteriorated 16-inch to 21-inch vitrified clay trunk sewer line along 6th Avenue South that has been plagued with leaky joints and pavement settlement.
 Due to the size of the pipe and the location in the middle of the street, the primary rehabilitation method under consideration is a cured-in-place liner, which is essentially a new pipe, restoring normal wastewater flow and correcting infiltration problems in this section of pipeline. The total length of the rehabilitation shall be approximately 3,010 ft.
 This will result decreased operating costs associated with pumping and treatment of this water. It will also restore the structural integrity of the pipeline.

Project Need / Justification / Benefits:
 The 6th Ave South sanitary sewer between N A St and Lakeside Drive is in a substantially deteriorated condition. This has resulted in subsidence of the street surface in several locations.
 The proposed pipe repair is to slipline this section of sewer and repair the pavement as needed.
 Excess infiltration and inflow (I & I) takes up sewer capacity needed for existing customers and future growth.
 This extra volume of water can also possibly overload the sewage collection system pipes causing backups or spills of raw sewage.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

REVENUE / FUNDING SCHEDULE								
#1) City Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403			-	-				-
Golf Course Fund - 404								-
Regional Sewer Fund - 405						50,000	500,000	550,000
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	-	-	50,000	500,000	\$ 550,000
#2) Grant Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:	-	-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	\$ -
Revenue Funding Summary:	PYs as of 9/30/2013	FY 2014 Budgeted	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
City Funding	-	-	-	-	-	50,000	500,000	550,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 500,000	\$ 550,000

<p>This section must be completed for all projects. Please list future revenues and expenses of each project per year once fully operational.</p>				
Net Operational Impact:				
A. Revenues Generated:		B. Expenses Incurred:		Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities: -
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies: -
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment: -
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous: -
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)		\$ -

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

INFORMATION TECHNOLOGY

Network & Programming





Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Computer Workstations Upgrades	Category Criteria	Quality of Life
Responsible Department:	Information Technology	Division:	Information Technology
Project Manager:	Director	Project Location:	City Wide
Project Identification Number:	IS-IT-1102	Programmed:	Yes
Project Type / Duration:	() New (X) Existing () 1-Year (X) Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment	224,500	50,000	50,000	50,000	50,000	50,000	50,000	524,500
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	274,500		\$ 50,000	\$ 524,500				

Project Description:

The approval of this project will ensure computer workstations are replaced on a five-year rotation.

Project Need / Justification / Benefits:

The City currently utilizes approximately 335 computer workstations/laptops.

This project will ensure computers are replaced every five years. The industry accepted standard for replacing computer workstations is every three to five years.

Computer technology changes rapidly, and computers that are over five years old may not be able to run the newer software packages and will work at a decreased rate of productivity.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
	-	-
	-	-
	-	-

Revenue / Funding Schedule								
#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
General Fund - 001								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510	224,500	50,000	50,000	50,000	50,000	50,000	50,000	524,500
Garage Fund - 530								-
Total City Funding:	274,500		50,000	50,000	50,000	50,000	50,000	\$ 524,500
#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:			-	-	-	-	-	\$ -
#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:			-	-	-	-	-	\$ -
#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:			-	-	-	-	-	\$ -
Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
City Funding	224,500	50,000	50,000	50,000	50,000	50,000	50,000	524,500
Grant Funding								-
Other Outside Funding								-
Revenue Enhancements								-
Total Revenue Funding:	274,500		\$ 50,000	\$ 524,500				

<p>This section must be completed for all projects. Please list future revenues and expenses of each project <u>per year</u> once fully operational.</p>					
Net Operational Impact:					
A. Revenues Generated:		B. Expenses Incurred:		Net Impact	
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Network Infrastructure Replacement	Category Criteria	Cost Benefit/Savings
Responsible Department:	Information Technology	Division:	Information Technology
Project Manager:	Director	Project Location:	City Wide
Project Identification Number:	IT-IS-1104	Programmed:	Yes
Project Type / Duration:	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	4 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment	114,000	45,000	30,000	45,000	45,000	45,000	45,000	369,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	159,000		\$ 30,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 369,000

Project Description:
 The approval of this project will ensure the replacement of network switches and routers that are vital to the City's network infrastructure

Project Need / Justification / Benefits:
 The City currently has approximately 22 network switches that are over five years old.

 This project will enable the Information Technology Department to replace seven switches or routers a year for the next three years. During FY 2012 The core fiber switch will need to be replaced at an estimated cost of \$30,000.; and the remaining \$42K will be used to replace 1/3 of the network switches.

 This will ensure reliability of the computer network. Once a switch or router is replaced during this CIP cycle, the device will be placed on a five year replacement cycle.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

Revenue / Funding Schedule

#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
General Fund - 001								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510	114,000	45,000	30,000	45,000	45,000	45,000	45,000	369,000
Garage Fund - 530								-
Total City Funding:	159,000		30,000	45,000	45,000	45,000	45,000	\$ 369,000

#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:			-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:			-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
								-
Total Revenue Enhancements:			-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
City Funding	114,000	45,000	30,000	45,000	45,000	45,000	45,000	369,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	159,000		\$ 30,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 369,000

This section must be completed for all projects. Please list
 future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:	B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)		Expense Totals (B.1 -to- B.8)			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Computer Server Upgrades	Category Criteria	Improvements
Responsible Department:	Information Technology	Division:	Information Technology
Project Manager:	Director	Project Location:	City Wide
Project Identification Number:	IT-IS-1106	Programmed:	Yes
Project Type / Duration:	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment	40,000	50,000	-	50,000	50,000	50,000	50,000	290,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	90,000		\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 290,000

Project Description:

The approval of this project will ensure the City's computer servers are replaced on a five-year rotation.

In addition, The Information Technology Department will work to virtualize servers to reduce the number of physical servers required in the future.

Project Need / Justification / Benefits:

The City currently utilizes approximately 50 computer servers. The industry accepted standard for replacing computer servers is every five years.

Computer technology changes rapidly, and computer servers that are over five years old may not be able to run the newer software packages or will run extremely slow reducing productivity.

By allocating \$50,000 a year the City will be able to replace 10 computer servers each year. Many of the City's computer servers are over 4 years old.

This project will ensure computer servers are replaced every three years with either a new physical server or by virtualizing the server into a virtual server. Over the next couple of years the number of physical servers will go down because of server virtualization. However, the cost of each physical server will go up.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

10 Computer servers per year	-		-
	-		-
	-		-

Revenue / Funding Schedule								
#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
General Fund - 001								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510	40,000	50,000	-	50,000	50,000	50,000	50,000	290,000
Garage Fund - 530								-
Total City Funding:	90,000		-	50,000	50,000	50,000	50,000	\$ 290,000
#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:			-	-	-	-	-	\$ -
#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								-
Total Other Outside Funding:			-	-	-	-	-	\$ -
#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:			-	-	-	-	-	\$ -
Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	9/30/13	FY2014 Bud						
City Funding	40,000	50,000	-	50,000	50,000	50,000	50,000	290,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	90,000		\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 290,000

This section must be completed for all projects.

Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:			
A. Revenues Generated:	B. Expenses Incurred:		Net Impact
A.1- Revenue #1	-	B.1- Personnel: -	B.5- Utilities: -
A.2- Revenue #2	-	B.2- Debt Service Costs: -	B.6- Materials/Supplies: -
A.3- Revenue #3	-	B.3- Contract Services: -	B.7- Equipment: -
A.4- Revenue #4	-	B.4- Fixed Costs: -	B.8- Miscellaneous: -
Revenue Totals (A.1 -to- A.4)		Expense Totals (B.1 -to- B.8)	
			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)				
Project Title:	Network Infrastructure Redundancy	Category Criteria	Improvements	
Responsible Department:	Information Technology	Division:	Information Technology	
Project Manager:	Director	Project Location:	City Wide	
Project Identification Number:	IT1302	Programmed:	Yes	
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	3 of 5	

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenditures		FY	FY	FY	FY	FY	Total Project Estimate
	PYs 9/30/13	FY2014 Bud	2015	2016	2017	2018	2019	
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment			30,000					30,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures			\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Project Description:
 The approval of this project will ensure network access redundancy to Water Treatment Plant.

Project Need / Justification / Benefits:
 This project will enable the Information Technology Department to have a secondary network access point for disaster recovery purposes.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:		
15 network switches (5 per year)	-	-
	-	-
	-	-

Revenue / Funding Schedule								
#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
General Fund - 001								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510			30,000		-		-	30,000
Garage Fund - 530								-
Total City Funding:			30,000	-	-	-	-	\$ 30,000
#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:			-	-	-	-	-	\$ -
#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:			-	-	-	-	-	\$ -
#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
								-
Total Revenue Enhancements:			-	-	-	-	-	\$ -
Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
City Funding			30,000		-	-	-	30,000
Grant Funding			-	-	-	-	-	-
Other Outside Funding			-	-	-	-	-	-
Revenue Enhancements			-	-	-	-	-	-
Total Revenue Funding:			\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

This section must be completed for all projects. Please
 list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:					
A. Revenues Generated:		B. Expenses Incurred:		Net Impact	
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)		-	\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Data Recovery - Off site Storage & Backup	Category Criteria	Improvements
Responsible Department:	Information Technology	Division:	Information Technology
Project Manager:	Director	Project Location:	City Wide
Project Identification Number:	IS-ITXXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment			30,000					30,000
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures			\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Project Description:

The approval of this project will ensure the City has a disaster recovery plan for all City data stored currently in house.

Project Need / Justification / Benefits:

The City currently stores and maintains department data in house. This project would allow access to the data off site if the building and/or City's data server suffered damages.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

		-
	-	-
	-	-

Revenue / Funding Schedule								
#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
General Fund - 001								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510	-	-	30,000	-	-	-	-	30,000
Garage Fund - 530								-
Total City Funding:			30,000	-	-	-	-	\$ 30,000
#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:		-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -
Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
City Funding	-		30,000	-	-	-	-	30,000
Grant Funding								-
Other Outside Funding								-
Revenue Enhancements								-
Total Revenue Funding:			\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

This section must be completed for all projects.

Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:			
A. Revenues Generated:	B. Expenses Incurred:		Net Impact
A.1- Revenue #1	-	B.1- Personnel: -	B.5- Utilities: -
A.2- Revenue #2	-	B.2- Debt Service Costs: -	B.6- Materials/Supplies: -
A.3- Revenue #3	-	B.3- Contract Services: -	B.7- Equipment: -
A.4- Revenue #4	-	B.4- Fixed Costs: -	B.8- Miscellaneous: -
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)	
			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Microsoft Enterprise Agreement	Category Criteria	Cost Benefit/Savings
Responsible Department:	Information Technology	Division:	Information Technology
Project Manager:	Director	Project Location:	City Wide
Project Identification Number:	IT1302	Programmed:	Yes
Project Type / Duration:	<input type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1-Year <input checked="" type="checkbox"/> Multi-Yr	Project Priority:	3 of 5

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect		35,000	50,000	50,000	50,000			185,000
Total Expenditures		35,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 185,000

Project Description:

The approval of this project will ensure the upgrade of microsoft software products. Allows for volume licensing for the City.

Project Need / Justification / Benefits:

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-	-
	-	-
	-	-

Revenue / Funding Schedule

#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
General Fund - 001								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510		35,000	50,000	50,000	50,000		-	185,000
Garage Fund - 530								-
Total City Funding:		35,000	50,000	50,000	50,000		-	\$ 185,000

#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
City Funding		35,000	50,000	50,000	50,000	-	-	185,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:		35,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 185,000

This section must be completed for all projects. Please
 list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:					
A. Revenues Generated:	B. Expenses Incurred:			Net Impact	
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	Contracts Management Software	Category Criteria	Cost Benefit/Savings
Responsible Department:	Information Technology	Division:	Information Technology
Project Manager:	Director	Project Location:	City Wide
Project Identification Number:	XX-XX-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	4

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect			30,000	-	-			30,000
Total Expenditures	0		\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Project Description:

Contracts Management Software

Project Need / Justification / Benefits:

The Contract management software is used to manage and track contracts eliminating all manual tracking processes.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-		-
	-		-
	-		-

Revenue / Funding Schedule

#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
General Fund - 001								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510		-	30,000	-	-		-	30,000
Garage Fund - 530								-
Total City Funding:	0		30,000	-	-	-	-	\$ 30,000

#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -

#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:		-	-	-	-	-	-	\$ -

#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
								-
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
City Funding		-	30,000	-	-	-	-	30,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	0		\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

This section must be completed for all projects.
 Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:	B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)			\$ -



Capital Improvement Program (CIP) Project Request Form

(For Projects / Items Costing Over \$25,000)

(Page 1 of 2)

Project Title:	IBM i-Series Server Upgrade	Category Criteria	Improvements
Responsible Department:	Information Technology	Division:	Information Technology
Project Manager:	Director	Project Location:	City Wide
Project Identification Number:	XX-XX-XXXX	Programmed:	Yes
Project Type / Duration:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1-Year <input type="checkbox"/> Multi-Yr	Project Priority:	4

BUDGETED EXPENDITURE SCHEDULE								
Project Elements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction								-
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect			125,000					125,000
Total Expenditures		-	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000

Project Description:

The approval of this project will ensure the upgrade of the IBM i server used for SunGard Naviline applications.

Project Need / Justification / Benefits:

The IBM i server is the platform currently used to run the City's enterprise Naviline software applications. It has been in use for eight years and the available storage space is limited. The upgrade will allow us to provide the latest technology available from IBM, the necessary storage, and the ability to continue to expand our current software applications.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

New IBM i server	-		-
	-		-
	-		-

Revenue / Funding Schedule								
#1) City Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
General Fund - 001								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510		-	125,000	-	-	-	-	125,000
Garage Fund - 530								-
Total City Funding:		0	125,000	-	-	-	-	\$ 125,000
#2) Grant Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:		-	-	-	-	-	-	\$ -
#3) Other Outside Funding:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
Bank Loan / Debt								-
Available Debt Proceeds								-
Financing Options								-
Total Other Outside Funding:		-	-	-	-	-	-	\$ -
#4) Revenue Enhancements:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
								-
Total Revenue Enhancements:		-	-	-	-	-	-	\$ -

Revenue Funding Summary:	Estimated Expenditures		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total Project Estimate
	PYs 9/30/13	FY2014 Bud						
City Funding		-	125,000	-	-	-	-	125,000
Grant Funding		-	-	-	-	-	-	-
Other Outside Funding		-	-	-	-	-	-	-
Revenue Enhancements		-	-	-	-	-	-	-
Total Revenue Funding:		0	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000

<p>This section must be completed for all projects. Please list future revenues and expenses of each project <u>per year</u> once fully operational.</p>			
Net Operational Impact:			
A. Revenues Generated:	B. Expenses Incurred:		Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-
A.2- Revenue #2	-	B.2- Debt Service Costs:	-
A.3- Revenue #3	-	B.3- Contract Services:	-
A.4- Revenue #4	-	B.4- Fixed Costs:	-
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)	\$ -

**CITY OF LAKE WORTH
FY 2015 – FY 2019 CAPITAL IMPROVEMENT PLAN**

**END OF FY 2015 – 2019
CAPITAL IMPROVEMENT PROJECTS**

